Always at Your Service

March 2, 2009

Mr. Salvatore Priore, P.E.
NYS Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7013

RE: RG&E – Canal Street, Rochester
Former MGP Site – Site Characterization Addendum Report
Multi-Site VCA (MSVCA) Index # B8-0535-98-07 Site # V00594-8

Dear Mr. Priore:

Enclosed for the Department's review is a copy of the Site Characterization Addendum Report (Addendum Report) dated March 2, 2009 prepared by Haley & Aldrich (H&A) for the supplemental site characterization (SC) activities implemented by Rochester Gas and Electric Corporation (RG&E) at the Canal Street former manufactured gas plant (MGP) site. The work was performed pursuant to a Department-approved Site Characterization Work Plan Addendum dated May 30, 2008.

The Addendum Report also summarizes the SC data collected to date; that is, it is inclusive of the data and findings reported in the initial Site Characterization Report for the Canal Street Former MGP Site (SC Report), dated 30 January 2008 prepared by H&A.

As documented in the Addendum Report, neither coal tar nor non-aqueous phase liquid (NAPL) were observed in any of the soil borings, groundwater monitoring well boring installations, or test pits completed as part of the SC work. Additionally, the SC activities did not identify other conditions that suggest former MGP residuals exist that could act as continuing source of contamination and adversely affect the environmental condition of the property.

While the SC activities did identify some low level polycyclic aromatic hydrocarbons (PAHs), benzene, toluene, ethylbenzene and xylene (BTEX), chlorinated volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals in soil and groundwater samples collected from both within and outside of the footprint of the former MGP, the limited number and random pattern of the detections do not suggest that there is an on-site source of contaminants which requires remediation. Rather, the magnitude and extent (relatively few and not of great magnitude) of PAHs and BTEX in the sample results reflect levels that are typical of urban settings. This is underscored by the fact that the properties comprising the Site, as well as the surrounding area, have been used for other industrial uses for over 115 years, whereas the MGP operated for only a 10-year period between 1880-1890.

Based on these and other findings presented in the SC, H&A concluded that no further investigation of the former Canal Street MGP is necessary, and that the BTEX, PAHs and inorganic constituents observed randomly distributed in the soil/fill at and near the Site are typical of urban fill and do not warrant remedial action. Thus, it is evident that the constituents detected during the SC are not and should not be the responsibility of RG&E.
RG&E recognizes that, even though the results of the SC investigations demonstrate that MGP sources are not present at the Site, the origin of the low levels of BTEX and naphthalene detected in the two groundwater wells (MW-2 & MW-3) located in the area of the former gas holder

cannot be readily ascertained. Therefore, in the spirit of cooperation RG&E proposes a proactive approach to address the BTEX and naphthalene in groundwater adjacent to the former holder. Specifically, RG&E would like to inject an oxygen release compound (ORC) at these locations.

By doing so, RG&E is not making an admission of liability or responsibility with respect to the findings at the Site. RG&E would simply prefer to implement a remedial measure to address the BTEX and naphthalene in groundwater at MW-2 and MW-3, rather than expend further resources attempting to determine the exact origin of these compounds.

We are hopeful that, after the Department reviews the Addendum and SC Reports, it will concur with the findings that the data gathered to-date demonstrates that there are not MGP source materials present at the Site and that the former MGP has not adversely affected the conditions at the Site in a manner that requires remediation. Nevertheless, we trust that the Department will allow RG&E to move forward with the injection of the ORC as noted above to address BTEX and naphthalene in the groundwater near the former gas holder on the 65 Trowbridge Street parcel. Further, RG&E respectfully requests that the Department consider providing written confirmation that no further investigation or other remedial activities are required at the 90 Canal Street parcel. This will allow RG&E to update the Notice of Agreement filed with the Monroe County Clerk's Office and fulfill its obligations in the VCA for that parcel. That will also serve to remove any concern from that parcel should the property owner want to perform property or realty transaction with the property.

If you have any questions, please contact me at (585) 771-4556. If it would be helpful to meet and go through the reports and data, please let me know and we will schedule a meeting at your office.

Sincerely,

Steven R. Mullin

Steven R. Mullin
Lead Analyst
RG&E Environmental Compliance

cc: Katherine Comerford – NYSDOH
Robert W. Schick, P.E. - DEC, (w/o enclosure)
David Crosby, P.E. – DEC (w/o enclosure)
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REPORT ON
SITE CHARACTERIZATION REPORT ADDENDUM
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

by

Haley & Aldrich of New York
Rochester, New York

for

Rochester Gas and Electric Company
Rochester, New York

File No. 33879-007
02 March 2009

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02 March 2009
File No. 33879-007

Rochester Gas and Electric Company
89 East Avenue
Rochester, New York 14649

Attention: Mr. Steve Mullin

Subject: Site Characterization Report Addendum
Canal Street Former MGP Site
Rochester, New York

Dear Mr. Mullin:

Haley & Aldrich is pleased to present this Site Characterization Report Addendum for the Canal Street Former Manufactured Gas Plant (MGP) Site in Rochester, NY. The site characterization was performed in accordance with the May 2008 Site Characterization Work Plan Addendum, approved by the New York State Department of Environmental Conservation. This report summarizes the findings of the site characterization activities to-date and presents conclusions and recommendations.

If you have any questions, do not hesitate to contact us.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

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EXECUTIVE SUMMARY

Rochester Gas and Electric Corporation (RG&E) retained Haley & Aldrich of New York (Haley & Aldrich) to conduct Site Characterization Investigations at the Canal Street Former Manufactured Gas Plant (MGP) site (the Site). Two phases of site characterization investigations have been performed to-date in accordance with the requirements of a Voluntary Cleanup Agreement (Index # B8-0535-98-07, February 20, 2003) (MSVCA) between RG&E and the New York State Department of Environmental Conservation (NYSDEC).

The Site is comprised of approximately 1.6 acres located on portions of two contiguous parcels with the postal addresses of 90 Canal Street, and 65 Trowbridge Street, Rochester, New York. The former MGP was operated by the Municipal Gas Light Company of the City of Rochester (New York), which was a predecessor company to RG&E. The 90 Canal Street and 65 Trowbridge Street parcels are not currently owned by RG&E and have had various property owners and uses since the MGP ceased operation in the early 1890's.

A five story brick building currently occupies the southern portion of the former MGP property with the balance of the MGP situated on a portion of the 65 Trowbridge parcel (see figure). The building at 90 Canal Street is used for: storage of miscellaneous items in the basement; commercial/light industrial on the first floor; storage of residential items on the second floor; and, apartments on the third, fourth and fifth floors. The 65 Trowbridge Street parcel is comprised of 1.8 acres and is now primarily vacant, with the exception of two unused railroad tracks and one active track that traverses the northern portion of the parcel.

The operational life of the MGP was limited to the period between 1880 and 1891 based on historical research. Since MGP operations ceased, the Site has been used for more than 115 years for various commercial and industrial uses including: railroad yard operations, a wholesale grocery business, Eastman Kodak Company, and, since 1967, by various tenants of the five-story building for businesses such as printing, light manufacturing, and administrative offices.

The first phase of site characterization investigation was conducted pursuant to the 2006 NYSDEC-approved Work Plan (BBL, 2006). This investigation was conducted by Haley & Aldrich during November and December 2006, and included the installation of 25 soil borings, of which seven were completed as groundwater monitoring wells; and the collection of 45 soil samples and 25 ground water samples collected during two sampling events. The findings were presented in the Site Characterization Report, dated 30 January 2008 (2008 SC Report) and submitted to the NYSDEC for review.

In summary, the 2008 SC Report indicated that neither coal tar nor non-aqueous phase liquid (NAPL) were encountered and that no apparent MGP-related on-site sources of contamination were identified. The investigation activities did identify that the Site is comprised of fill material and reworked soil that did show a few, widely dispersed, low level concentrations of some heavy molecular weight polycyclic aromatic hydrocarbons (PAHs) and inorganic compounds at random locations both within and outside of the foot print of the former MGP boundaries. The random nature and distribution (i.e., no discernable pattern in depth or lateral coverage) of the PAHs and inorganics in the fill are not indicative of a single source or type of source, and are representative of typical urban background conditions.

Groundwater quality across the Site generally did not exceed NYS ambient water quality water standards with the exception of some sporadic low magnitude detections of benzene, toluene, ethylbenzene and xylene (BTEX), naphthalene and chlorinated solvents in the area of the former gas holder foundation (MW-2 & MW-3). However, the non-detection of any MGP source material during the site characterization investigation makes the origin and source of the limited BTEX, naphthalene and chlorinated solvents detections unknown and likely just the artifact of the property's long industrial use after the MGP closed. As such, further characterization of site soils by RG&E was not recommended.

Prior to formalizing its review comments on the 2008 SC Report, the NYSDEC asked RG&E to collect additional data at the Site. The following objectives were identified in the NYSDEC-approved Site Characterization Work Plan Addendum, dated 20 May 2008 (Addendum):

- Determine if BTEX observed in the groundwater at monitoring wells MW-2 and MW-3 originated on-site or off-site; and

- Collect additional data on subsurface conditions in the area of the former holder foundation.

To accomplish the objectives of the Addendum (i.e., second phase of SC investigations) the following activities were performed during September and October 2008 by Haley and Aldrich:

- Installation of one upgradient overburden groundwater monitoring well (MW-8).
- Installation of one cross gradient overburden groundwater monitoring well (MW-9) in the right-of-way on the west side of Canal Street.
- Excavation of three test pits in and one adjacent to, the outside foundation of the former gas holder.
- Installation of two soil borings within the foot print of the former gas holder located beneath the 90 Canal St building (through the concrete basement floor).
- The collection of one water sample from a sump in the basement of 90 Canal St.
- Collection of twelve soil samples from the soil borings, groundwater monitoring well installation borings, and test pits for analytical testing.
- The collection of nine groundwater samples from the newly installed and existing ground water monitoring wells for analytical testing.

The results of the investigation performed as part of the Addendum are presented in this report and are summarized below:

- Consistent with the first phase of SC investigations, neither coal tar nor NAPL were observed.
- Analytical results from the groundwater sample collected from the newly installed upgradient monitoring well (MW-8) did not detect BTEX compounds.
- Analytical results from the groundwater sample collected from the newly installed cross-gradient monitoring well (MW-9) did detect BTEX and several other volatile organic compounds (VOCs) above NYS ambient water-quality standards.
- Analytical results from soil samples collected within the footprint of the former gasholder beneath the 90 Canal Street building did not detect VOCs above NYSDEC Part 375 residential standards and/or TAGM 4046 recommend soil cleanup objectives SCOs).

- Nearly all VOCs in soil samples collected from the test pits located in and outside of the foundation of the former gasholder were at concentrations below laboratory detection limits.
- While a single sample collected from 1 to 3 feet below ground surface in test pit TP-2 detected seven PAHs above NYSDEC Part 375 residential standards, the sample matrix consisted of dark brown to gray-brown to black silty sand with coal dust and particles, wood cinders, and ash. The wood cinders and ash were not typical of the fill encountered in the other test pits. The sample was collected from an area proximate to a former rail road track that existed on the property between 1918 and 1971. The results appear to be reflective of the fill material sampled, rather than any specific source.
- Analytical results from the groundwater sample collected from the sump in the basement of 90 Canal Street did not detect BTEX compounds or naphthalene.
- Analytical results from the groundwater samples collected from the existing groundwater monitoring wells were generally consistent with previous sample results finding limited magnitude detections of volatile and semi-volatile compounds which attenuated across the Site.
- Inorganic compounds detected in both the soil and groundwater samples were typical of what is commonly found in soils and bedrock in the Rochester area.
- The foundation wall of the former gas holder was encountered, confirming its location.
- The objectives of the Addendum were satisfied.

In review the data collected during both phases of the SC investigations conducted for the Site, the following presents a summary of the conclusions that have been drawn. Further discussions and details are presented in this report.

- Coal tar or NAPL were not observed in any of the soil borings, groundwater well boring installations, or test pits;
- No apparent on-site MGP sources of groundwater contamination were identified;
- Groundwater quality across the Site was generally below the NYS ambient water quality standards, with the exception of some low level detection of BTEX, naphthalene, and a few chlorinated VOCs in the area of the former gas holder. The source or origin of these detections were not observed and the presence of these constituents are typical of urban fill;
- The low magnitude concentrations of BTEX and naphthalene in groundwater samples collected in the area of the former gas holder were higher than concentrations detected in the upgradient monitoring wells. This may be reflective of former MGP operations or other historic industrial operations at the Site. Monitoring wells located relatively short distances downgradient from the former gas holder area did not detect MGP organic constituents above the NYS ambient water quality standards, indicating exceedances are localized and/or rapid attenuation is taking place. Other non-MGP organic constituents were detected on-site and in the study area;
- The low levels of VOC constituents sporadically observed in a limited number of the samples of the soil/fill at the Site in excess of Part 375 SCOs and/or TAGM 4046 SCOs are randomly distributed (both within and outside of the footprint of the MGP boundaries) and do not appear to be indicative or representative of a source or type of source, but rather are widely dispersed and reflective of typical conditions associated with fill in urban settings;
- The former MGP operations do not appear to have left a residual source of contamination that adversely affects the environmental condition of the property;

- Further site characterization does not appear to be warranted, and the quantities and concentrations of contaminants in soil and groundwater do not indicate the need for remedial action.

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1. INTRODUCTION

Rochester Gas and Electric Corporation (RG&E) retained Haley & Aldrich of New York (Haley & Aldrich) to conduct this Site Characterization Investigation at the Canal Street Former Manufactured Gas Plant (MGP) Site (the Site). The footprint of the former MGP operations is believed to have been located on portions of two contiguous parcels known as 90 Canal Street and 65 Trowbridge Street, Rochester, New York. The former MGP was operated by the Municipal Gas Light Company of the City of Rochester (New York), which was a predecessor company to RG&E. The Site location is shown on Figure 1. Existing site features are shown on Figure 2A and selected historical site features (MGP structures and railroad tracks) are shown on Figure 2B. An aerial photograph of the Site and its environs is provided in Appendix B.

The 90 Canal Street and 65 Trowbridge Street parcels are not currently owned by RG&E and have had various property owners and uses since the MGP ceased operation in the early 1890's. The investigation was performed in accordance with the requirements of Multi-site Voluntary Cleanup Agreement (Index # B8-0535-98-07, February 20, 2003) (MSVCA) between RG&E and the New York State Department of Environmental Conservation (NYSDEC), the NYSDEC-approved Site Characterization Work Plan dated September 2006 (Work Plan), prepared by Blasland, Bouck, and Lee, Inc. (BBL), and the NYSDEC-approved Site Characterization Work Plan Addendum dated May 2008 (Work Plan Addendum), prepared by Haley & Aldrich.

1.1 Background

RG&E submitted the "Site Characterization Report Canal Street Former MGP Site" (SC Report) dated 30 January 2008 to the NYSDEC. The NYSDEC reviewed the report and provided some initial feedback related to the detections of benzene, toluene, ethylbenzene, and xylenes (BTEX) in groundwater in monitoring wells MW-2 and MW-3. Prior to formalizing its response to the SC Report, the NYSDEC asked RG&E to collect additional data upgradient of the Site to help assess if the BTEX detected in MW-2 and MW-3 is related to off-site influences or originates on-site. This report describes the work conducted and presents the data collected

1.2 Purpose of Investigation

The goal of the supplemental site characterization activities described herein was to collect additional field and analytical data to refine the conceptual site model (CSM) in order to evaluate the necessity for further action at the Site. The following objectives were developed based on telephone conversations held between RG&E and the NYSDEC.

- Determine if BTEX observed in the groundwater at monitoring wells MW-2 and MW-3 originated on-site or off-site.

- Generate additional data on subsurface conditions in the area of the former holder foundation.

These objectives and the investigation plan designed to achieve them were presented in the NYSDEC-approved Site Characterization Work Plan Addendum dated May 2008 (Work Plan Addendum), prepared by Haley & Aldrich.

2. FIELD INVESTIGATION

Prior to the investigation activities, field personnel mobilized to the Site to verify existing conditions and stake (with flagging) the proposed exploration locations. Once the sample locations were marked, Dig Safely New York was contacted to identify and mark underground utilities present on the Site. Field investigations were conducted during August and September 2008 according to the Work Plan Addendum.

2.1 Soil Investigation

The objectives of the soil investigation and the general procedures for obtaining and analyzing subsurface soil samples are detailed below.

2.1.1 Objectives

The objectives for soil investigations were presented in Section 1.2. The subsurface information collected as part of this investigation was used to locate and assess the condition of the wall of the former gas holder, to characterize its contents, and to investigate subsurface conditions outside of and immediately adjacent to the holder. The soil borings drilled through the basement slab of the on-site building were installed to characterize the subsurface soil conditions within the footprint of the former gas holder and under the building floor slab. Additional borings were installed at locations upgradient and crossgradient to the Site. The following sections describe the methods used to collect soils for characterization.

2.1.2 Test Pits

Four test pits were excavated to determine the location of the former gas holder, to evaluate the integrity and contents of the holder, and to investigate subsurface conditions adjacent to the holder. The test pit locations are shown on Figure 3.

The test pits were excavated using a Daewood DH-50 Excavator. Soil was excavated from the test pits and was visually characterized for color, texture, and moisture content, as well as the presence of visible staining and odors, if observed. Each test pit was excavated to the former gas holder floor or to the limits of the excavator reach. Test Pit Logs are included in Appendix A and photographs taken during the test pit excavations are included in Appendix B.

2.1.3 Soil Borings

Four soil borings (SB-20, SB-21, MW-8, and MW-9) were completed as part of the SC Addendum activities. Soil borings SB-20 and SB-21 were advanced in the basement of 90 Canal Street. MW-8 was installed upgradient of the Site and MW-9 was installed cross gradient of the Site on the west side of Canal Street opposite the 90 Canal Street building. The locations of the newly installed soil borings, as well as the previously completed soil boring and monitoring well locations are shown on Figure 3.

The soil borings done in the building basement were completed using an Electric Skid Rig. The soil borings at the monitoring well locations were completed using $2^{1/4}$-inch inside diameter hollow stem augers (HSA). Continuous soil sampling was conducted at the boring locations by advancing a 2-foot long, 2-inch outer diameter (OD) split-spoon sampling device ahead of the augers. Soil recovered from each sample interval was

visually characterized for color, texture, and moisture content. If encountered, the presence of visible staining, non-aqueous phase liquid (NAPL), and obvious odors were noted. In addition, each split spoon sample was screened for volatile organic vapors using a MiniRAE 2000 photoionization detector (PID) equipped with a 10.6 eV lamp. PID readings were recorded on boring logs. Each boring was completed to a depth of refusal (Soil Boring Logs are included in Appendix A).

In an effort to make sure sufficient information was obtained to assess the thickness of the gas holder floor and to understand the geology under the gas holder floor (i.e., soil, weathered rock, competent rock, etc.), the the coring for SB-20 and SB-21 were advanced through the concrete and approximately 2.5 feet into the bedrock below. In both borings the holder concrete floor was found to be directly on the bedrock. The holder floor thicknesses were 0.7 feet and 0.4 feet at SB-20 and SB-21, respectively. Upon completion of the borings, they were filled with cuttings and then grouted to the bottom of the basement floor slab. The holes in the basement floor slab were repaired with concrete.

2.1.4 Soil Analyses

A minimum of one subsurface soil sample from each boring was analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) by SW846 Method 8260B, TCL semivolatile organic compounds (SVOCs) by SW846 Method 8270C, Target Analyte List (TAL) metals by SW846 Methods 6010B and 7471A, and cyanide by SW846 Method 9012A.

Samples were generally selected for laboratory analyses to meet the soil investigation objectives listed above based on the judgment of the field geologist, visual observation of MGP and/or non-MGP residual staining in the soil sample interval, and/or the a high PID reading in the sample interval. If no staining or PID readings were encountered at a boring location, the sample interval immediately above the groundwater table was selected for laboratory analysis. Analytical results are discussed in Section 4.

Air emissions in the worker breathing zone during drilling activities were monitored using a PID. Real-Time Aerosol Monitors (mini-RAMs) were used along with PIDs in accordance with the Community Air Monitoring Plan (CAMP) provided in the Work Plan. Air monitoring documentation is provided in Appendix C. There were no incidences requiring modification of work activities in response to air monitoring information.

Subsequent to the soil sampling activities, a New York State licensed surveyor field surveyed the soil sampling locations and other pertinent site features. For each soil boring, the surveyor determined its location and the ground surface elevation relative to a fixed site-specific datum (see Figure 3).

Non-disposable equipment, including drilling tools and equipment were decontaminated prior to first use on-site, between each investigation location, and prior to demobilization. The integrity of the decontamination procedures were checked periodically with equipment rinse blanks, as required by the quality assurance project plan (QAPP).

2.2 Groundwater Investigation

The groundwater investigation objectives and the general procedures used to obtain and analyze groundwater samples are detailed below.

2.2.1 Objectives

The objectives of the groundwater investigation were presented in Section 1.2. The following sections describe monitoring well installation, groundwater sample collection, and groundwater level readings.

2.2.2 Groundwater Monitoring Well Installation

Two overburden monitoring wells (MW-8 and MW-9) were installed at the locations shown on Figure 3. The number and placement of monitoring wells were selected in accordance with the Work Plan Addendum, consideration of subsurface conditions encountered during borehole drilling, and in consultation with RG&E and the NYSDEC. Monitoring wells were positioned to characterize groundwater quality and determine groundwater flow direction in the overburden soils.

At each monitoring well location, a soil boring was first completed using the methodology described in Section 2.1.3 to refusal at bedrock. The borings were then over-drilled using $4^{1/4}$-inch inside diameter HSAs for the monitoring well installation. Well sumps in MW-8 and MW-9 were installed according to the Work Plan. In MW-8, a 2-foot deep sump was drilled into bedrock and the annulus between the well casing and rock was sealed with grout. The saturated thickness of overburden soils in MW-9 was less than one foot; according to the Work Plan, the rock was cored two feet below the overburden and the annulus between the well casing and rock was filled with sand. The well screen extended to the bottom of the drilled rock. Following completion of the borings, monitoring wells were installed and screened to span the water table surface. Surface mount completions were installed at each location. The monitoring wells were constructed using 2-inch diameter Schedule 40 polyvinyl chloride (PVC) pipe and were completed with 0.01-slot well screen. Due to the relatively shallow bedrock, the well screen lengths had to be adjusted to provide adequate thickness of the seals at the ground surface. Monitoring well installation reports are provided in Appendix A.

Following installation (and immediately prior to well development as discussed below), each monitoring well was checked for the presence of NAPL. Each well was then developed by pumping water from the well until the water was visibly clear or at least 10 well volumes were removed. For well MW-8, ten well volumes were removed during development. For well MW-9, only 5 well volumes were removed because the well went dry at the point and did not recover. Water generated by monitoring well development and equipment decontamination was securely stored in steel 55-gallon drums prior to being transported for off-site disposal by RG&E.

A New York State licensed surveyor field surveyed the monitoring well locations to determine the location, ground surface elevation, and measuring-point elevation (defined as the top of the inner casing).

2.2.3 Groundwater Sampling

Groundwater sampling of the newly installed and existing groundwater monitoring wells was completed during 22-24 September 2008, approximately two weeks following well development of the new wells (MW-8 and MW-9). The wells were purged using low-flow methods. Each well was checked for the presence of NAPL prior to purging and monitored for NAPL during the purging process.

In accordance with the Work Plan, low-flow purging and sampling was completed at MW-1, MW-2, MW-3, MW-5, MW-6, and MW-8. A low-flow purge was attempted at MW-4, MW-7, and MW-9, but could not be completed due to excessive drawdown during purging and slow to immeasurable well recharge. Specifically, due to the low groundwater condition and slow recharge rates in these wells, low-flow sampling was discontinued where drawdown in the well could not be maintained at less than 0.3 feet at the lowest pump flow rate. Therefore, an alternative method was necessary to obtain the water samples. As an alternative to low flow sampling, these wells were purged to dryness using a Whale groundwater purging pump and allowed to recover for 24-hours prior to sampling. Samples from MW-4 and MW-9 were collected using one new disposable bailer per well. A groundwater sample from monitoring well MW-7 could not be collected due to poor recharge after purging. The well was checked three times over a span of two weeks, and each time it was checked the well did not have enough water to collect a sample. As such, there is no new analytical data for this well.

Where it was necessary to use the alternative purging and sampling method described above, suspended soil particles were observed to be entrained in the groundwater samples.

In addition to the monitoring well sampling, the water standing in the sump located in the basement of the on-site building was sampled using a disposable bailer on 27 August 2008.

2.2.4 Groundwater Levels

Water level readings were taken on 22 September 2008 using a Heron Dipper-T water level meter, measuring from the top of the well casing. The water level measurements are reported in on Table 7.

3. WASTE MANAGEMENT

Investigation-derived waste (IDW) including soil cuttings from monitoring well installations, decontamination water, drilling water, and well development/purge water was containerized in 55-gallon drums. Drums were appropriately labeled with the contents, generator, location, and date. RG&E coordinated the disposal of the IDW with Clean-Harbors Environmental Services, Inc. Personal protective equipment (PPE was placed in plastic garbage bags and disposed of with municipal trash. Waste disposal documentation is included in Appendix D.

4. FINDINGS

This section presents findings of the investigation activities based on the information collected during subsurface explorations performed at the Site during August and September 2008. The findings are presented in context with the findings described in the SC Report.

4.1 Subsurface Characterization

The following sections provide a detailed description of the Site's subsurface components including soils, bedrock, and groundwater.

4.1.1 Field Observations

The test pit soils from inside the holder generally can be described as fill comprised of silty sand, with trace amounts of brick fragments, slag, coal dust or particles, glass, and wood. The photographs presented in Appendix B show that practically no large size brick, concrete, timber or other debris were present. Fill was observed in the test pits from the ground surface to 10 to 11 feet below ground surface (bgs), where bucket refusal was noted, presumably at the concrete holder floor. NAPL was not observed and PID readings in the field were all zero. No sheens were observed. Generally odors were not present in the test pits, except for two places, where they were described as "light organic" And "very slight weathered petroleum odor that rapidly vanishes." The test pit soils on the outside of the holder were observed to be similar in characteristics. The remaining holder wall was about five feet thick and constructed of brick. It appeared to be intact where it was encountered. Whether or not the holder wall is still intact beneath the 90 Canal St. building is not known.

The soils encountered in the two soil borings located inside the limits of the former holder beneath the 90 Canal St. building basement were also fill generally comprised of silty sand, with trace amounts of brick fragments, wood and coal. The fill extended to 6.0 to 8.5 feet bgs, where auger refusal occurred at the concrete holder floor (which was confirmed by subsequent rock coring). NAPL was not observed. No sheens were observed. PID readings in SB-20 were all zero and PID readings in SB-21 were 11.1 ppm directly beneath the basement floor, 0.2 ppm 2 to 4 feet beneath the basement floor and zero in the remaining four feet extending to the holder floor. Odors were not observed in the two soil borings, except a "light organic" odor was noted directly beneath the basement floor in SB-20 and a "slight organic" odor was noted 2 to 4 feet beneath the basement floor in SB-21. The concrete in SB-21 was noted to have a "very slight indistinguishable odor." None of the odors noted were described as being suggestive of coal tar.

No MGP residuals, such as coal tar (either as free product or droplets), were observed in the test pits or soil borings in and adjacent to the gas holder. Additionally, the soil exhibited no sheens that might be indicative of source material. The fill materials found inside the limits of the holder contained no greater amounts of brick, coal, glass, ash, etc, than has been observed previously in the urban fill that is found on the balance of the Site.

Monitoring well MW-8 is located outside of and about 100 feet south of the former MGP Site (see Figure 3). It is located between rails of an existing set of railroad tracks and is upgradient from the Site. In MW-8, the fill extended from the ground surface to approximately 4.3 feet bgs and was comprised of silty sand with coal dust and gravel.

Organic soil and alluvial and glacial deposits of silty sand were observed beneath the fill. Bedrock was encountered at about 9.0 feet bgs. PID readings were less than 3.6 ppm in the fill and no odors or sheens were noted in the fill. No NAPL was observed. The static groundwater level in September 2008 was 5.8 feet bgs, which is about 1.5 feet below the bottom of the fill.

Monitoring well MW-9 is located outside of and about 50 feet west of the former MGP Site (see Figure 3). It is located on the west side of Canal St. in the vicinity of a 1993 petroleum spill. There is no evidence to suggest the area west of Canal St. was ever used for MGP operations. In MW-9, the fill extended from the ground surface to approximately 4.0 feet bgs and was comprised of silty sand. Glacial deposits of silty sand were observed beneath the fill and bedrock was encountered at about 5.5 feet bgs. PID readings were zero and no sheens or odors were noted in the fill. No NAPL was observed. The static groundwater level in September 2008 was 7.1 feet bgs, below the bottom of the fill.

In summary, NAPL was not encountered in any of the test pits, soil borings, or monitoring wells. There were also no visual observations of coal tar or impacted soil. These observations as well as the types of fill encountered were consistent with the findings of the previous site characterization investigations described in the SC report.

In general, soil samples were selected for chemical analyses based on consideration of visual, odor, and PID field observations in order to represent expected worst-case conditions. The results of chemical analyses for the soil samples are presented in Tables 1 through 3.

4.1.2 Laboratory Analytical Results

Soil and groundwater samples were analyzed by Severn Trent Laboratories-Buffalo (STL-Buffalo), a New York State Department of Health (NYSDOH) accredited laboratory certified for the selected analyses. Analytical methods, sample handling, and laboratory protocols are outlined in the QAPP (see Work Plan).

4.1.2.1 Data Usability

Sample analyses followed the NYSDEC Analytical Services Protocol (ASP), and included quality assurance/quality control (QA/QC) samples at a frequency indicated in the QAPP. Analytical results for analysis of soil and groundwater samples were reported using NYSDEC ASP Category B data deliverables and are provided in Appendix D, along with the data usability summary reports (DUSRs). The analytical data were validated and determined to be usable for the purposes of this report, with the exception of some of the groundwater results from the October 2007 sampling event.

Due to the sampling procedure described previously for MW-4 and MW-9, these samples had high turbidity. The analytical laboratory indicated that the extraction procedure used in the analysis of SVOCs and metals would capture constituents from any suspended soil particles as well as from the groundwater. As a result, results from SVOCs and metals from those wells are most likely overstated and are not likely representative of true groundwater quality at the two sampling locations and the results should be viewed in light of the sampling conditions. In addition, due to the high turbidity, all locations were sampled for lab-filtered metals to compare to the unfiltered metals results.

The following sections summarize the laboratory analytical results. Site specific soil cleanup objectives are not identified in the MSVCA; therefore, for comparison purposes, soil analytical results were compared to the NYCRR Part 375 SCOs for Restricted Residential Use and Restricted Commercial Use, as well as to the TAGM 4046 SCOs. Groundwater analytical results were compared to the NYS Ambient Water Quality Standards and Guidelines for Class GA Groundwater (AWQS).

4.1.2.1 **Soil Analytical Results**

A description of the soil analytical results collected during this SC addendum work is presented below in Tables A-C and the results of all the analytical results from the SC activities are summarized in Tables 1 through 3. Figure 6 depicts the soil analytical results in excess of the Part 375 Restricted Residential and Restricted Commercial Use SCOs.

Volatile Organic Compounds (VOCs)

VOCs were not detected in any of the soil samples at concentrations exceeding the Part 375 Restricted Residential SCOs or the TAGM 4046 SCOs, as shown in Table A. The detailed analytical testing results for VOCs are given in Table 1.

Table A
Locations of VOC Exceedances Soil Cleanup Objectives and of AWQS

Constituent	Location of Exceedance			
	Part 375 Residential Soil Cleanup Objectives	Part 375 Commercial Soil Cleanup Objectives	TAGM 4046 Soil Cleanup Objectives	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards and Guidelines
1,2-Dichloroethane	DNE	DNE	DNE	MW-9
Benzene	DNE	DNE	DNE	MW-2, MW-3, MW-9
Cis-1,2-Dichloroethene	DNE	DNE	DNE	MW-3, MW-8, SUMP
Ethylbenzene	DNE	DNE	DNE	MW-3, MW-9
Isopropylbenzene	DNE	DNE	DNE	MW-3, MW-9
Toluene	DNE	DNE	DNE	MW-9
Trans-1,2-Dichloroethene	DNE	DNE	DNE	MW-3, SUMP
Trichloroethene	DNE	DNE	DNE	MW-3, SUMP
Vinyl Chloride	DNE	DNE	DNE	MW-3, MW-8, SUMP
Xylenes (total)	DNE	DNE	DNE	MW-3, MW-9

DNE- Did not exceed soil cleanup objective or AWQS.

As can be seen in Table 1, there were no exceedances of Part 375 Residential and Commercial SCOs. This is consistent with previous soil sampling at the Site as described in the SC Report.

Semi-Volatile Organic Compounds (SVOCs)

Samples from one of the test pit locations had SVOCs in excess of the Part 375 SCOs for Restricted Residential Use. The SVOCs detected above the Part 375 SCOs for Restricted Residential Use were the following seven higher molecular weight PAHs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene (see Table 2). According to Table 2, the same compounds were found to exceed the TAGM 4046 SCOs. Table B shows the locations where SVOCs were found at concentrations in excess of the referenced SCOs.

Table B
Locations of Exceedances of SVOC Soil Cleanup Objectives and of AWQS

Constituent	Location of Exceedance			
	Part 375 Residential Soil Cleanup Objectives	**Part 375 Commercial Soil Cleanup Objectives**	**TAGM 4046 Soil Cleanup Objectives**	**NYSDEC TOGS 1.1.1 Class GA Water Quality Standards and Guidelines**
Benzo(a)anthracene	TP-2	TP-2	TP-2, SB-20, SB-21	DNE
Benzo(a)pyrene	TP-2	TP-2	TP-2, SB-20, SB-21	DNE
Benzo(b)fluoranthene	TP-2	TP-2	TP-2	DNE
Benzo(k)fluoranthene	TP-2	DNE	TP-2	DNE
Biphenyl	DNE	DNE	DNE	MW-3
Chrysene	TP-2	DNE	TP-2, SB-20	DNE
Dibenzo(a,h)anthracene	TP-2	TP-2	TP-2, TP-4, SB-20	DNE
Indeno(1,2,3-cd)pyrene	TP-2	TP-2	TP-2	DNE
Naphthalene	DNE	DNE	DNE	MW-3
Phenol	DNE	DNE	DNE	MW-9

DNE – Did not exceed soil cleanup objective or AWQS.

As can be seen in Table 2, the types and concentrations of SVOCs in site soil sample from the current investigation are the same as those previously observed.

Metals

Table C shows the locations where metals in soil samples were found at concentrations in excess of the above-referenced SCOs. Arsenic, cadmium, calcium, copper, lead, magnesium, mercury, and zinc were detected above the referenced SCOs at a limited number of locations. Only TP-2 at its shallowest depth (1 to 3 feet) had metals (arsenic, lead, and mercury) detected at concentrations in excess of the Part 375 SCOs for Restricted Residential Use. The same metals were found to exceed the TAGM 4046 SCOs, with the addition of cadmium, copper, and zinc. Samples from TP-2 did not exceed the Part 375 SCO for Commercial Use for lead.

Metals were detected at concentrations above the TAGM 4046 SCOs at other locations. Calcium, copper, and magnesium concentrations exceeded the TAGM 4046 SCOs at SB-20. Copper, mercury, and zinc concentrations exceeded the TAGM 4046 SCOs at SB-21. In addition, the mercury concentration exceeded the TAGM 4046 SCO at TP-3 and the zinc concentration exceeded the TAGM 4046 SCO at MW-8.

Table C
Locations of Metal Exceedances of Soil Cleanup Objectives and of AWQS

Constituent	Location of Exceedance			
	Part 375 Residential Soil Cleanup Objectives	Part 375 Commercial Soil Cleanup Objectives	TAGM 4046 Soil Cleanup Objectives (and/or Eastern U.S. Background)	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards
Arsenic	TP-2	TP-2	TP-2	MW-9
Cadmium	DNE[2]	DNE	TP-2	DNE
Calcium	DNE	DNE	SB-20	DNE
Chromium	DNE	DNE	ND	MW-9
Copper	DNE	DNE	SB-20, SB-21, TP-2	DNE
Iron (Total)	DNE	DNE	DNE	MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9, SUMP
Iron (Dissolved)[1]	DNE	DNE	DNE	MW-1
Lead	TP-2	TP-2	TP-2	MW-9, SUMP
Magnesium (Total)	DNE	DNE	SB-20	MW-2, MW-3, MW-4, MW-5, MW-6, MW-8, MW-9
Magnesium (Dissolved)[1]	DNE	DNE	DNE	MW-2, MW-3, MW-4, MW-5, MW-6, MW-8
Manganese (Total)	DNE	DNE	DNE	MW-1, MW-2, MW-3, MW-5, MW-8, MW-9
Manganese (Dissolved)[1]	DNE	DNE	DNE	MW-1, MW-2, MW-5, MW-8
Mercury	TP-2	TP-2	SB-21, TP-2, TP-3	DNE
Nickel	DNE	DNE	DNE	MW-9
Sodium (Total)	DNE	DNE	DNE	MW-1, MW-2, MW-5, MW-6, MW-8, MW-9, SUMP
Sodium (Dissolved)[1]	DNE	DNE	DNE	MW-1, MW-2, MW-5, MW-6, MW-8, MW-9
Zinc	DNE	DNE	MW-8, SB-21, TP-2	DNE

(1) Dissolved metals apply to groundwater samples only.
(2) DNE – Did not exceed soil cleanup objectives or AWQS.

The soil samples which had metals detected above the referenced SCOs were generally collected from the fill. As can be seen in Table 3, types and locations of metals observed in this investigation were the same as previously observed as described in the SC Report.

Cyanide

All of the soil samples collected during this investigation were analyzed for cyanide. None of the samples had cyanide concentrations greater than the Part 375 SCO for Restricted Residential or Commercial Use. Similarly, cyanide was not found to exceed those SCOs in any of the soil samples from previous site investigations.

4.1.2.2 **Groundwater Analytical Results**

A description of the groundwater analytical results is presented below and the results are summarized in Tables 4 through 6. Figure 6 provides a summary of groundwater analytical results that exceed the TOGS 1.1.1 Ambient Water Quality Standards and Guidelines (AWQS). The noted groundwater concentrations were from the unfiltered samples. On Figure 6, for each analyte that exceeded the AWQS, the concentration of the analyte in the soil at the same location is listed. Tables A, B, and C present the locations where exceedances of the AWQS were observed.

VOCs

Only MW-2, MW-3, MW-8, MW-9, and the Sump samples exhibited groundwater quality having VOCs in excess of AWQS (see Table 4). VOCs were not detected above laboratory detection limits in MW-1 (upgradient), MW-4, MW-5, and MW-6 (with the exception of a detection of benzene below the AWQS in MW-4, isopropylbenzene below AWQS in MW-5, and trans-1, 2-dichloroethene and trichloroethene below the AWQS in MW-6).

BTEX compounds (benzene, ethylbenzene, toluene, and/or total xylenes) were detected in wells MW-2, MW-3, and MW-9 at concentrations greater than the AWQS. The concentrations of BTEX compounds in well MW-9 were 1 or 2 orders of magnitude greater than the concentrations found in the other wells.

As can be seen in Table 4, with the exception of high levels of BTEX and detection of MTBE in MW-9 (which was not previously sampled), these results are similar to previous groundwater analyses as described in the SC Report.

SVOCs

Only MW-3 and MW-9 exhibited groundwater quality having SVOCs in excess of AWQS (see Table 5). SVOCs were not detected above laboratory detection limits in MW-1 (upgradient), MW-4, MW-6, and MW-8 (with the exception of diethyl phthalate in MW-8).

Naphthalene was only detected in MW-3 at a concentration greater than the AWQS. In previous sampling rounds, naphthalene was detected at a concentration exceeding the AWQS in MW-3 and in the first round of sampling in MW-2. The high molecular weight PAHs were not detected in any of the wells at concentrations greater than the AWQS during the most recent sampling. Previously, one or more of those PAHs exceeded the AWQS in MW-1, MW-2 and MW-6. Those conditions exhibited no trend or pattern. As a note, MW-1 and MW-6 are located outside of, and are upgradient from the footprint of the former MGP.

Metals

The metals iron, magnesium, manganese, and/or sodium were detected in all eight wells sampled at concentrations greater than the AWQS. Well MW-9 had concentrations of total arsenic, total chromium, total lead, and total nickel that were greater than the AWQS. This sample was collected using a bailer, and therefore the turbidity was high. A separate sample was collected that was lab filtered, showing dissolved metals. In this dissolved sample, arsenic, chromium, lead, and nickel concentrations did not exceed the AWQS.

As shown in Table 6, the types and concentrations of metals observed were consistent with previous groundwater sampling at the Site as described in the SC Report.

Cyanide

Cyanide was not detected in any sample at concentrations greater than the laboratory detection limit. This was true in previous sampling rounds.

4.2 Site Hydrogeology

Table 8 presents the groundwater level measurements in terms of depth below ground surface (bgs) and elevation for September 2008. Figure 7 shows groundwater elevations and generalized groundwater contours. The direction of groundwater flow is generally to the northwest; however, there is a groundwater high in the vicinity of MW-1, which results in local deviation from this general pattern. The groundwater high is apparently associated with high bedrock at the same location. The groundwater flow pattern observed in September 2008 is consistent with previous investigations (including the new data from MW-8 and MW-9). The measurements confirm that MW-8 is upgradient from the Site and MW-9 is crossgradient from the Site. It is unlikely that groundwater in the vicinity of MW-9 migrates to the holder area.

4.3 Summary

As described in the original SC Report and in this SC Report Addendum, signs of coal tar, NAPL, or MGP materials that could be a source of contamination were not observed. The **SITE** and general area around the foot print of the former MGP is comprised of reworked soil and fill typical of urban fill. Some exceedances of VOCs, SVOCs and metals in soil and groundwater were detected during the investigations but are: (1) few in number compared to the number of samples taken; (2) limited in magnitude; and (3) widely dispersed. The random and sporadic nature (i.e., no pattern) of the findings do not suggest there is one source or cause for the detections observed; the detections are typical of urban fill, with the exception of the findings at MW-9 located cross-gradient to the **SITE**, which may be associated with 1993 release of petroleum at 89 Canal Street. However, the data collected do not suggest the impacts found at MW-9 are contributing to detections of contaminants on the **SITE**.

The tables below summarize the data collected during the two phases of investigation and demonstrate the limited number and magnitude of contaminants. The tables show only parameters where SCOs or AWQS were exceeded. For each of those parameters, the range of concentrations observed in the entire data base is given, and the frequency with which that parameter exceeds the SCOs or AWQS is given. Tables D through H are organized to present parameters in exceedance of soil cleanup objectives (Part 375 Restricted Residential and TAGM 4046 SCOs) for VOCs first, then SVOCs, and finally the Inorganic Constituents. Tables I

through K are organized to present groundwater parameters in exceedance of the AWQS for VOCs, SVOCs, and Inorganic Constituents, respectively.

Table D
Selected VOC Concentrations in Soil

VOCs	Applicable TAGM 4046 Guidance Value in mg/Kg	Sample Results Concentration Range mg/Kg	Number of Samples Exceeding TAGM 4046 in Dec 06	Number of Samples Exceeding TAGM 4046 in Sept 08
Acetone	0.2	ND to 0.24	1 of 31	0 of 11
Methylene chloride	0.1	ND to 0.79 J	3 of 31	0 of 11
Xylene (total)	1.2	ND to 1.4 J	1 of 31	0 of 11

Note: There were no exceedances of Part 375 Restricted Residential SCOs for VOCs.

Table E
Selected SVOC Concentrations in Soil

SVOCs	Applicable Restricted Residential Part 375-6.8 SCO in mg/Kg	Sample Results Concentration Range mg/Kg	Number of Samples Exceeding Part 375 Restricted Residential SCO in Dec 06	Number of Samples Exceeding Part 375 Restricted Residential SCO in Sep 08
Benzo(a)anthracene	1	ND to 15	7 of 31	1 of 11
Benzo(a)pyrene	1	ND to 19	7 of 31	1 of 11
Benzo(b)fluoranthene	1	ND to 18	8 of 31	1 of 11
Benzo(k)fluoranthene	3.9	ND to 4.6 J	0 of 31	1 of 11
Chrysene	3.9	ND to 15	0 of 31	1 of 11
Dibenz(a,h)anthracene	0.33	ND to 7.4 J	5 of 31	1 of 11
Indeno(1,2,3-cd)pyrene	0.5	ND to 10	8 of 31	1 of 11

Table F Selected SVOC Concentrations in Soil				
SVOCs	**Applicable TAGM 4046 Guidance Value in mg/Kg**	**Sample Results Concentration Range mg/Kg**	**Number of Samples Exceeding TAGM 4046 in Dec 06**	**Number of Samples Exceeding TAGM 4046 in Sept 08**
Benzo(a)anthracene	0.224	ND to 15	14 of 31	3 of 11
Benzo(a)pyrene	0.061	ND to 19	20 of 31	4 of 11
Benzo(b)fluoranthene	1.1	ND to 18	8 of 31	1 of 11
Benzo(k)fluoranthene	1.1	ND to 4.6 J	1 of 31	1 of 11
Chrysene	0.4	ND to 15	9 of 31	2 of 11
Dibenz(a,h)anthracene	0.014	ND to 7.4 J	19 of 31	4 of 11
Indeno(1,2,3-cd)pyrene	3.2	ND to 10	1 of 31	1 of 11

Table G Selected Inorganic Concentrations in Soil				
Constituent	**Applicable Restricted Residential Part 375-6.8 SCO in mg/Kg**	**Sample Results Concentration Range mg/Kg**	**Number of Samples Exceeding Part 375 Restricted Residential SCO in Dec 06**	**Number of Samples Exceeding Part 375 Restricted Residential SCO in Sep 08**
Arsenic	13	1.5 J to 67.9	4 of 31	1 of 11
Barium	350	6.1 to 1960 J	1 of 31	0 of 11
Cadmium	2.5	ND to 5.5	1 of 31	0 of 11
Lead	63	2.6 J to 4050 J	2 of 31	1 of 11
Manganese	1600	65.7 J to 12300 J	2 of 31	0 of 11
Mercury	0.18	ND to 5.8	2 of 31	1 of 11

Table H Selected Inorganic Concentrations in Soil				
Constituent	**Applicable TAGM 4046 Guidance Value in mg/Kg**	**Sample Results Concentration Range mg/Kg**	**Number of Samples Exceeding TAGM 4046 in Dec 06**	**Number of Samples Exceeding TAGM 4046 in Sept 08**
Arsenic	7.5	1.5 J to 67.9	8 of 31	1 of 11
Barium	300	6.1 to 1960 J	2 of 31	0 of 11
Beryllium	0.16	ND to 0.88	1 of 31	1 of 11
Cadmium	1	ND to 5.5	1 of 31	1 of 11
Chromium	10	ND to 18 J	7 of 31	3 of 11
Copper	25	ND to 204 J	10 of 31	4 of 11
Iron	2000	1310 to 59100 J	30 of 31	11 of 11
Mercury	0.1	ND to 5.8	13 of 31	6 of 11
Nickel	13	ND to 26.5	5 of 31	1 of 11
Selenium	2	ND to 6.3	4 of 31	0 of 11
Zinc	20	13.8 J to 1290 J	27 of 31	11 of 11

Table I Selected VOC Concentrations in Groundwater					
SVOCs	**Applicable TOGS 1.1.1 Standard or Guidance Value in µg/L**	**Sample Results Concentration Range µg/L**	**Number of Samples Exceeding TOGS 1.1.1 in Dec 06**	**Number of Samples Exceeding TOGS 1.1.1 in Oct 07**	**Number of Samples Exceeding TOGS 1.1.1 in Sept 08**
1,2-Dichloroethane	0.6	ND to 2.9 J	0 of 7	0 of 6	1 of 8
Benzene	1	ND to 1400	2 of 7	1 of 6	3 of 8
Benzene, isopropyl	5	ND to 58	1 of 7	0 of 6	2 of 8
cis-1,2-Dichloroethene	5	ND to 170	1 of 7	1 of 6	2 of 8
Ethylbenzene	5	ND to 260	2 of 7	0 of 6	2 of 8
Toluene	5	ND to 180	1 of 7	0 of 6	1 of 8
trans-1,2-Dichloroethene	5	ND to 6.4	1 of 7	0 of 6	1 of 8
Trichloroethene	5	ND to 57	1 of 7	1 of 6	1 of 8
Vinyl chloride	2	ND to 24	1 of 7	0 of 6	2 of 8
Xylene (total)	5	ND to 1500	2 of 7	0 of 6	2 of 8

Table J Selected SVOC Concentrations in Groundwater					
SVOCs	**Applicable TOGS 1.1.1 Standard or Guidance Value in µg/L**	**Sample Results Concentration Range µg/L**	**Number of Samples Exceeding TOGS 1.1.1 in Dec 06**	**Number of Samples Exceeding TOGS 1.1.1 in Oct 07**	**Number of Samples Exceeding TOGS 1.1.1 in Sept 08**
Benzo(a)anthracene	0.002	ND to 10 J	0 of 7	3 of 6	0 of 8
Benzo(b)fluoranthene	0.002	ND to 17 J	0 of 7	2 of 6	0 of 8
Biphenyl	5	ND to 15	0 of 7	0 of 6	1 of 8
Chrysene	0.002	ND to 8 J	0 of 7	1 of 6	0 of 8
Indeno(1,2,3-cd)pyrene	0.002	ND to 7 J	0 of 7	2 of 6	0 of 8
Naphthalene	10	ND to 100	2 of 7	0 of 6	1 of 8
Pentachlorophenol	1	ND to 7 J	1 of 7	0 of 6	0 of 8
Phenol	1	ND to 60	0 of 7	0 of 6	1 of 8

Table K Selected Inorganic Concentrations in Groundwater					
Constituent	**Applicable TOGS 1.1.1 Standard or Guidance Value in µg/L**	**Sample Results Concentration Range µg/L**	**Number of Samples Exceeding TOGS 1.1.1 in Dec 06**	**Number of Samples Exceeding TOGS 1.1.1 in Oct 07**	**Number of Samples Exceeding TOGS 1.1.1 in Sept 08**
Arsenic	25	ND to 120	0 of 7	2 of 6	1 of 8
Barium	1000	48.3 to 1630	0 of 7	1 of 6	0 of 8
Cadmium	5	ND to 6.1	0 of 7	1 of 6	0 of 8
Chromium	50	ND to 180	0 of 7	1 of 6	1 of 8
Copper	200	ND to 1970	0 of 7	1 of 6	0 of 8
Iron	300	ND to 246000	6 of 7	6 of 6	8 of 8
Lead	25	ND to 3940	1 of 7	3 of 6	1 of 8
Magnesium	35000	24100 to 344000	4 of 7	5 of 6	7 of 8
Manganese	300	ND to 4450	6 of 7	4 of 6	6 of 8
Mercury	0.7	ND to 20.8	0 of 7	1 of 6	0 of 8
Nickel	100	ND to 154	0 of 7	1 of 6	1 of 8
Sodium	20000	7110 to 265000	3 of 7	4 of 6	6 of 8
Zinc	2000	ND to 3990	0 of 7	1 of 6	0 of 8

The first objective of the SC Addendum was satisfied. An off-site or upgradient source of BTEX was not identified. Concentrations of BTEX compounds in upgradient wells MW-1, MW-6 and MW-8 were less than BTEX concentrations observed in MW-2 or MW-3. BTEX compounds were not detected in downgradient well MW-4. BTEX concentrations in MW-9 were greater than observed in MW-2 or MW-3; however assessment of groundwater readings

shows that MW-9 is crossgradient from both MW-2 and MW-3, so it is unlikely that the area around MW-9 would be a source of the BTEX observed in MW-2 and MW-3. This corroborates the conclusions of the SC Report, which indicated that the BTEX compounds observed in MW-2 and MW-3 were localized or attenuated rapidly in the downgradient direction.

The second objective of the SC Addendum was also satisfied. The holder area was investigated and the field observations and analytical testing of soil and groundwater inside and outside the holder revealed that the subsurface conditions in the vicinity of the holder were not different from the urban fill encountered across the Site, as described in the SC Report. Consistent with the data given in the SC Report, NAPL was not encountered in any of the test pits, soil borings, or monitoring wells. The location of the holder was confirmed. No apparent MGP-related on-site sources of soil or groundwater contamination were identified.

5. SUMMARY AND CONCLUSIONS

This section summarizes the data and information collected to prepare this SC Addendum and the data collected from the initial SC investigation described in the January 2008 SC Report prepared by Haley & Aldrich, which has been submitted to the NYSDEC. The 2008 Site Characterization Report indicated that neither coal tar nor NAPL were encountered and no apparent MGP-related on-site sources of soil contamination were identified. The investigation activities did identify that the Site is comprised of fill material and reworked soil that did show low level concentrations of some heavy molecular weight polycyclic aromatic hydrocarbons (PAHs) and inorganic compounds at random locations both within and outside of the foot print of the former MGP boundaries. The random nature and distribution (i.e., no discernable pattern in depth or lateral coverage) of the PAHs and inorganic compounds in the fill are not indicative or representative of a single source or type of source, and are similar to typical urban background conditions. Groundwater quality across the Site was generally below AWQS with the exception of some low level detections of BTEX (benzene, toluene, ethylbenzene, and xylene), naphthalene and chlorinated solvents in the area of the former gas holder foundation (MW-2 & MW-3). However, the lack of MGP source material found during the investigation makes the origin or source of the detections unknown; the detections are likely artifacts of the long industrial uses of the property after the MGP closed. As such, further characterization of site soils by RG&E was not recommended.

Prior to formalizing its review comments on the January 2008 Site Characterization Report, the NYSDEC asked RG&E to collect additional data at the Site. The work was performed in accordance with the NYSDEC-approved Site Characterization Work Plan Addendum, dated 20 May 2008 (SCWPA).

The results of the investigation performed to prepare this SC Addendum are summarized below:

- Consistent with the first phase of SC investigations, neither coal tar nor NAPL were observed.
- Analytical results from the groundwater sample collected from the newly installed upgradient monitoring well (MW-8) did not detect BTEX compounds.
- Analytical results from the groundwater sample collected from the newly installed cross-gradient monitoring well (MW-9) did detect BTEX and several other volatile organic compounds (VOCs) above drinking water-based groundwater quality standards.
- Analytical results from soil samples collected within the footprint of the former gasholder beneath the 90 Canal Street building did not detect VOCs above NYSDEC Part 375 residential standards and/or TAGM 4046 recommend soil cleanup objectives (SCOs).
- Nearly all VOCs in soil samples collected from the test pits located in and outside of the foundation of the former gasholder were at concentrations below laboratory detection limits.
- While a single sample collected from 1 to 3 feet below ground surface in test pit TP-2 detected seven PAHs above NYSDEC Part 375 residential standards, the sample matrix consisted of dark brown to gray-brown to black silty sand with coal dust and particles, wood cinders, and ash. The wood cinders and ash were not typical of the fill encountered in the other test pits. The sample was collected from an area proximate to a former rail road track that existed on the property between 1918 and 1971. The results appear to be reflective of the fill material sampled, rather than any specific source.

- Analytical results from the groundwater sample collected from the sump in the basement of 90 Canal Street did not detect BTEX compounds or naphthalene.
- Analytical results from the groundwater samples collected from the existing groundwater monitoring wells were generally consistent with previous sample results finding limited magnitude detections of volatile and semi-volatile compounds which attenuated across the Site.
- Inorganic compounds detected in both the soil and groundwater samples were typical of what is commonly found in soils and bedrock in the Rochester area.
- The foundation wall of the former gas holder was encountered, confirming its location.
- The objectives of the Addendum were satisfied.

In review the data collected during both phases of the SC investigations conducted for the Site, the following presents a summary of the conclusions that have been drawn.

- Coal tar or NAPL were not observed in any of the soil borings, groundwater well boring installations, or test pits;
- No apparent on-site MGP sources of groundwater contamination were identified;
- Groundwater quality across the Site was generally below NYS ambient water quality standards, with the exception of some low level detection of BTEX, naphthalene, and a few chlorinated VOCs in the area of the former gas holder. The source or origin of these detections were not observed and the presence of these constituents typical of urban fill;
- The low magnitude concentrations of BTEX and naphthalene in groundwater samples collected in the area of the former gas holder were higher than concentrations detected in the upgradient monitoring wells. This may be reflective of former MGP operations or other historic industrial operations at the Site. Monitoring wells located relatively short distances downgradient from the former gas holder area did not detect MGP organic constituents above the NYS ambient water quality standards, indicating exceedances are localized and/or rapid attenuation is taking place. Other non-MGP organic constituents were detected on-site and in the study area;
- The low levels of VOC constituents sporadically observed in a limited number of the samples of the soil/fill at the Site in excess of Part 375 SCOs and/or TAGM 4046 SCOs are randomly distributed (both within and outside of the footprint of the MGP boundaries) and do not appear to be indicative or representative of a source or type of source, but rather are widely dispersed and reflective of typical conditions associated with fill in urban settings;
- The former MGP operations do not appear to have left a residual source of contamination that adversely affects the environmental condition of the property;
- Further site characterization does not appear to be warranted, and the quantities and concentrations of contaminants in soil and groundwater do not indicate the need for remedial action.

REFERENCES

1. Site Characterization Work Plan. Blasland, Bouck, and Lee, Inc. Canal Street, Rochester Former MGP Site. Rochester Gas & Electric Corp. Rochester, New York. September 2006.

2. Site Characterization Report. Haley & Aldrich of New York. Canal Street Former MGP Site. Rochester Gas & Electric Corp. Rochester, New York. January 2008.

3. Site Characterization Work Plan Addendum. Haley & Aldrich. Canal Street, Rochester Former MGP Site. Rochester Gas & Electric Corp. Rochester, New York. May 2008.

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Table 1
Soil Volatile Organic Compound Results
Canal Street, Rochester, New York
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Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	SB-1, S2 (2.0-4.0) A6E53502 12/1/2006 1x	SB-2, S3 (4.0-6.0) A6E53503 12/1/2006 1x	SB-3, S5 (8.0-10) A6E21901 11/27/2006 1x	SB-4, S5 (8.0-10) A6E21902 11/27/2006 1x	SB-5, S5 (8.0-9.5) A6E21903 11/27/2006 1x	SB-6, S3 (6.0-8.0) A6E42505 11/30/2006 1x	SB-7, S6 (10-12) A6E42504 11/30/2006 1x	SB-8, S4 (6.0-8.0) A6E42503 11/30/2006 1x	SB-9, S6 (10-12) A6E37701 11/29/2006 1x	SB-10, S2 (4.0-6.0) A6E27408 11/28/2006 1x	SB-10, S6 (12-13.2) A6E27401 11/28/2006 1x	SB-11, S6 (10-12) A6E37702 11/29/2006 1x	SB-12, S2 (2.0-4.0) A6E27402 11/28/2006 1x	SB-12, S5 (8.0-10) A6E27403 11/28/2006 1x	DUP-112806 DUP SB-13, S3 A6E27406 11/28/2006 2x	SB-13, S3 (4.0-6.0) A6E27404 11/28/2006 1x
TCL VOCs (ug/kg)																			
1,1,1-Trichloroethane	800	100000	500000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,1,2,2-Tetrachloroethane	600	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,1,2-Trichloroethane	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,1-Dichloroethane	200	26000	240000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 UJ	150 U	29 U	6 U	6 U	*280* U	140 U
1,1-Dichloroethene	400	100000	500000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,2,4-Trichlorobenzene	3400	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,2-Dibromo-3-chloropropane (DBCP)	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,2-Dibromoethane (EDB)	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,2-Dichlorobenzene	7900	100000	500000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,2-Dichloroethane	100	3100	30000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	*160* U	6 U	*150* U	29 U	6 U	6 U	*280* U	*140* U
1,2-Dichloropropane	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,3-Dichlorobenzene	1600	49000	280000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
1,4-Dichlorobenzene	8500	13000	130000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
2-Butanone	300	N/A	N/A	12 U	12 U	12 U	12 U	11 U	12 U	27	11 U	*320* U	12	*310* U	59 U	12 U	13 U	*550* U	290 U
2-Hexanone	N/A	N/A	N/A	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	320 U	12 U	310 U	59 U	12 U	13 U	550 U	290 U
4-Methyl-2-pentanone	1000	N/A	N/A	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	320 U	12 U	310 U	59 U	12 U	13 U	550 U	290 U
Acetone	200	100000	500000	25 U	23 U	25 UJ	9 J	23 UJ	10 J	100	11 J	*650* U	38 J	*610* U	120 U	20 J	7 U	*1100* U	*580* U
Benzene	60	4800	44000	6 U	6 U	6 U	6 U	6 U	6 U	2 J	6 U	*160* U	6 U	*150* U	29 U	6 U	6 U	*280* U	*140* U
Bromodichloromethane	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Bromoform	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Bromomethane	N/A	N/A	N/A	6 UJ	6 UJ	6 R	6 R	6 R	6 R	6 R	6 R	160 R	6 R	150 UJ	29 R	6 U	6 U	280 UJ	140 R
Carbon Disulfide	2700	N/A	N/A	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	320 U	12 U	310 U	59 U	12 U	13 U	550 U	290 U
Carbon Tetrachloride	600	2400	22000	6 U	6 U	6 U	6 U	6 U	6 UJ	6 U	6 U	160 U	6 U	150 U	29 UJ	6 U	6 U	280 U	140 U
Chlorobenzene	1700	100000	500000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Chloroethane	1900	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Chloroform	300	49000	350000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Chloromethane	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
cis-1,2-Dichloroethene	N/A	100000	500000	6 U	6 U	1 J	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
cis-1,3-Dichloropropene	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Cyclohexane	N/A	N/A	N/A	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	320 U	12 U	310 U	59 U	12 U	1 J	5100	430
Dibromochloromethane	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Dichlorodifluoromethane (CFC-12)	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Ethylbenzene	5500	41000	390000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	500	1 J	1200	29 U	6 U	6 U	270 J	140 U
Isopropylbenzene	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	510	8	1000	29 U	6 U	6 U	540	120 J
Methyl acetate	N/A	N/A	N/A	12 U	12 U	12 UJ	12 UJ	11 UJ	12 U	12 U	11 U	320 UJ	12 UJ	310 U	59 U	12 U	13 U	550 U	290 UJ
Methyl cyclohexane	N/A	N/A	N/A	12 U	12 U	12 U	12 U	11 U	12 U	12 U	11 U	3800	18	2400	6 J	12 U	3 J	34000	6400
Methyl Tert Butyl Ether (MTBE)	N/A	100000	500000	12 U	12 U	12 U	12 U	11 U	12 U	12 UJ	11 UJ	320 U	12 U	310 U	59 U	12 U	13 U	550 U	290 U
Methylene chloride	100	100000	500000	14 U	12 U	6 U	6 U	7 U	13 U	12 U	10 U	170	14 U	*150* U	130 J	10 J	7 U	*280* U	98 J
Styrene	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Tetrachloroethene	1400	19000	150000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	1 J	280 U	140 U
Toluene	1500	100000	500000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
trans-1,2-Dichloroethene	300	100000	500000	6 U	6 U	6 U	6 U	6 U	6 UJ	6 UJ	6 UJ	160 U	6 U	150 U	29 UJ	6 U	6 U	280 U	140 U
trans-1,3-Dichloropropene	N/A	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Trichloroethene	700	21000	200000	6	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Trichlorofluoromethane	N/A	N/A	N/A	6 UJ	6 UJ	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Trichlorotrifluoroethane (Freon 113)	6000	N/A	N/A	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	280 U	140 U
Vinyl chloride	200	900	13000	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	160 U	6 U	150 U	29 U	6 U	6 U	*280* U	140 U
Xylene (total)	1200	100000	500000	18 U	18 U	19 U	17 U	17 U	17 U	19 U	17 U	730	3 J	790	88 U	18 U	19 U	4400	610
Total VOC	10000			6	ND	1	9	ND	10	129	ND	5710	80	5390	136	30	5	44310	7658

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives are shaded gray.
- Nondetected results with quantitation limits greater than Part 375 Restricted Residential soil cleanup objectives are italicized and bolded.
- Nondetected results with quantitation limits greater than TAGM #4046 soil cleanup objectives are italicized.

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R = The sample results are rejected due to deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte can not be verified.

Acronyms
- ND = All analytes in this sample are nondetect.
- N/A = Data Not Available.

Table 1
Soil Volatile Organic Compound Results
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Sample ID	NYSDEC TAGM #4046	NYSDEC Part 375	NYSDEC Part 375	SB-14, S4 (6.0-8.0)	SB-14, S6 (10-12)	DUP120506 DUP SB-16, S1	SB-16, S1 (0.0-2.0)	SB-16, S7 (12-14)	SB-17, S1 (0.0-2.0)	SB-17, S6 (10-12)	SB-19, S2 (2.0-4.0)	SB-19, S5 (8.0-10)	SB-20, S3 (4.0-6.0)	SB-21, S1 (0.5-2.5)	DUP-082808 Dup SB-21, S4	SB-21, S4 (6.5-8.5)	MW-1, S2 (2.0-4.0)	MW-2, S8 (14-15)	MW-3, S5 (8.0-10)
Sample Depth (ft)																			
Lab Sample ID	Soil Cleanup	Restricted	Restricted	A6E37703	A6E37704	A6E62904	A6E62902	A6E62903	A6E53513	A6E53510	A6E53504	A6E53505	A8A47507	A8A62903	A8A62905	A8A62904	A6E53501	A6E27405	A6E21904
Date Sampled	Objectives	Residential	Commercial	11/29/2006	11/29/2006	12/5/2006	12/5/2006	12/5/2006	12/4/2006	12/4/2006	12/1/2006	12/1/2006	8/26/2008	8/28/2008	8/28/2008	8/28/2008	12/1/2006	11/28/2006	11/27/2006
Dilution Factor				8x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x
TCL VOCs (ug/kg)																			
1,1,1-Trichloroethane	800	100000	500000	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	600	N/A	N/A	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	200	26000	240000	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	400	100000	500000	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2,4-Trichlorobenzene	3400	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dibromo-3-chloropropane (DBCP)	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dibromoethane (EDB)	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichlorobenzene	7900	100000	500000	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	100	3100	30000	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,3-Dichlorobenzene	1600	49000	280000	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
1,4-Dichlorobenzene	8500	13000	130000	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	300	N/A	N/A	*2300* U	6 J	13 U	12 U	11 U	11 U	7 J	11 J	12 U	12 U	15	6 J	12 U	12 U	6 J	11 U
2-Hexanone	N/A	N/A	N/A	2300 U	11 U	13 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	11 U	11 U	12 U	12 U	12 U	11 U
4-Methyl-2-pentanone	1000	N/A	N/A	*2300* U	11 U	13 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	11 U	11 U	12 U	12 U	12 U	11 U
Acetone	200	100000	500000	*4600* U	17 J	25 U	25 U	10 J	23 U	28	50	24 U	24 U	110	48 U	44 U	24 U	20 J	13 J
Benzene	60	4800	44000	*1100* U	6 U	6 U	6 U	6 U	10	6 U	3 J	6 U	6 UJ	2 J	2 J	4 J	6 U	37	6 U
Bromodichloromethane	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	N/A	N/A	N/A	1100 U	6 R	6 R	6 R	6 R	6 UJ	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U	6 U	6 UJ	6 U	6 R
Carbon Disulfide	2700	N/A	N/A	2300 U	11 U	13 U	12 U	11 U	11 U	13 U	1 J	12 U	1 U	3 U	2 U	2 U	12 U	12 U	11 U
Carbon Tetrachloride	600	2400	22000	*1100* U	6 U	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	1700	100000	500000	1100 U	6 U	6 U	6 U	6 U	6 UJ	6 U	6 U	6 U	6 UJ	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U
Chloroethane	1900	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chloroform	300	49000	350000	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
cis-1,2-Dichloroethene	N/A	100000	500000	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	9
cis-1,3-Dichloropropene	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Cyclohexane	N/A	N/A	N/A	3100	11 U	13 U	12 U	11 U	11 U	2 J	12 U	12 U	12 U	11 U	11 U	12 U	12 U	10 J	11 U
Dibromochloromethane	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Dichlorodifluoromethane (CFC-12)	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	5500	41000	390000	750 J	6 U	6 U	6 U	6 U	6 U	7	5 J	6 U	6 U	6 U	6 U	6 U	6 U	210	23
Isopropylbenzene	N/A	N/A	N/A	1500	6 U	6 U	6 U	6 U	6 U	6 U	3 J	6 U	6 U	6 U	6 U	6 U	6 U	23	7
Methyl acetate	N/A	N/A	N/A	2300 U	11 U	13 UJ	12 UJ	11 UJ	11 U	13 U	12 U	12 U	12 U	11 U	11 U	12 U	12 U	12 U	11 UJ
Methyl cyclohexane	N/A	N/A	N/A	16000	19	13 U	12 U	11 U	11 U	1 J	12 U	12 U	12 U	11 U	11 U	12 U	12 U	63	2 J
Methyl Tert Butyl Ether (MTBE)	N/A	100000	500000	2300 U	11 UJ	13 U	12 U	11 U	11 U	13 U	12 U	12 U	12 U	11 U	11 U	12 U	12 U	12 U	11 U
Methylene chloride	100	100000	500000	790 J	11 U	9 U	8 U	10 U	12 U	16 U	13 U	12 U	13 U	9 U	11 U	8 U	16 U	10 J	7 U
Styrene	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	2 J	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	1400	19000	150000	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	1500	100000	500000	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	9	6 U	6 UJ	6 U	6 U	6 UJ	6 U	45	6 U
trans-1,2-Dichloroethene	300	100000	500000	*1100* U	6 UJ	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	700	21000	200000	*1100* U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 UJ	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U
Trichlorofluoromethane	N/A	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 UJ	6 UJ	6 UJ	6 UJ	6 U	6 U	6 U	6 U	6 UJ	6 U	6 U
Trichlorotrifluoroethane (Freon 113)	6000	N/A	N/A	1100 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 UJ	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl chloride	200	900	13000	***1100*** U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Xylene (total)	1200	100000	500000	1400 J	3 J	19 U	19 U	16 U	17 U	8 J	13 J	18 U	18 U	17 U	17 U	18 U	18 U	190	10 J
Total VOC	10000			23540	45	ND	ND	10	10	59	97	ND	*ND*	*127*	*8*	*4*	ND	614	64

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives are shaded gray.
- Nondetected results with quantitation limits greater than Part 375 Restricted Residential soil cleanup objectives are italicized and bolded.
- Nondetected results with quantitation limits greater than TAGM #4046 soil cleanup objectives are italicized.

Table 1
Soil Volatile Organic Compound Results
Canal Street, Rochester, New York
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Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	MW-4, S5 (8.0-10) A6E37705 11/29/2006 1x	MW-5, S5 (8.0-10) A6E42501 11/30/2006 1x	MW-5, S7 (12-13.5) A6E42502 11/30/2006 1x	MW-6, S2 (2.0-4.0) A6E62901 12/5/2006 1x	MW-7, S4 (6.0-8.0) A6E53508 12/4/2006 1x	MW-8, S2 (4.0-6.0) A8A71301 8/29/2008 1x	MW-9, S3 (4.0-5.0) A8A71801 9/2/2008 1x	TP-1, S1 (10-11) A8A47501 8/25/2008 1x	TP-2, S1 (1.0-3.0) A8A47502 8/25/2008 1x	TP-2, S2 (8.0-10) A8A47503 8/25/2008 1x	TP-3, S1 (4.0-6.0) A8A47504 8/25/2008 1x	TP-3, S2 (7.0-9.0) A8A47505 8/25/2008 1x	TP-4, S1 (8.0-10) A8A47506 8/25/2008 1x
TCL VOCs (ug/kg)																
1,1,1-Trichloroethane	800	100000	500000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	600	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	200	26000	240000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	400	100000	500000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,2,4-Trichlorobenzene	3400	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dibromo-3-chloropropane (DBCP)	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dibromoethane (EDB)	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dichlorobenzene	7900	100000	500000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	100	3100	30000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,3-Dichlorobenzene	1600	49000	280000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
1,4-Dichlorobenzene	8500	13000	130000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
2-Butanone	300	N/A	N/A	11 U	66	11 U	13 U	11 U	24	11 U	12 U	13 U	11 U	11 U	11 U	11 U
2-Hexanone	N/A	N/A	N/A	11 U	16 U	11 U	13 U	11 U	14 U	11 U	12 U	13 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	1000	N/A	N/A	11 U	16 U	11 U	13 U	11 U	14 U	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Acetone	200	100000	500000	7 J	240	16 J	26 U	23 U	44 U	22 U	30 U	27 U	23 U	22 U	22 U	40 U
Benzene	60	4800	44000	6 U	8 U	6 U	6 U	6 U	7 UJ	5 UJ	6 J	7 UJ	6 UJ	6 UJ	6 UJ	6 UJ
Bromodichloromethane	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Bromoform	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Bromomethane	N/A	N/A	N/A	6 R	8 R	6 R	6 R	6 UJ	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Carbon Disulfide	2700	N/A	N/A	11 U	16 U	11 U	13 U	11 U	2 U	11 U	12 U	13 U	11 U	11 U	1 U	11 U
Carbon Tetrachloride	600	2400	22000	6 U	8 U	6 U	6 UJ	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Chlorobenzene	1700	100000	500000	6 U	8 U	6 U	6 U	6 U	7 UJ	5 UJ	6 UJ	7 UJ	6 UJ	6 UJ	6 UJ	6 UJ
Chloroethane	1900	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Chloroform	300	49000	350000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Chloromethane	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
cis-1,2-Dichloroethene	N/A	100000	500000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	2 J	7 U	6 U	6 U	6 U	6 U
cis-1,3-Dichloropropene	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Cyclohexane	N/A	N/A	N/A	11 U	16 U	11 U	13 U	11 U	14 U	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Dibromochloromethane	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Dichlorodifluoromethane (CFC-12)	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Ethylbenzene	5500	41000	390000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Isopropylbenzene	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Methyl acetate	N/A	N/A	N/A	11 U	16 U	11 U	13 UJ	11 U	14 U	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl cyclohexane	N/A	N/A	N/A	11 U	3 J	11 U	13 U	11 U	14 U	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methyl Tert Butyl Ether (MTBE)	N/A	100000	500000	11 UJ	16 UJ	11 UJ	13 U	11 U	14 U	11 U	12 U	13 U	11 U	11 U	11 U	11 U
Methylene chloride	100	100000	500000	18 U	14 U	10 U	12 U	13 U	17 U	11 U	13 U	13 U	17 U	13 U	16 U	10 U
Styrene	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Tetrachloroethene	1400	19000	150000	6 U	8 U	6 U	6 U	6 U	7 U	1 J	6 U	6 J	6 U	6 U	6 U	6 U
Toluene	1500	100000	500000	6 U	8 U	6 U	6 U	6 U	7 UJ	5 UJ	6 UJ	7 UJ	6 UJ	6 UJ	6 UJ	6 UJ
trans-1,2-Dichloroethene	300	100000	500000	6 UJ	8 UJ	6 UJ	6 UJ	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Trichloroethene	700	21000	200000	6 U	8 U	6 U	6 U	6 U	7 UJ	5 UJ	6 UJ	15 J	6 UJ	6 UJ	6 UJ	6 UJ
Trichlorofluoromethane	N/A	N/A	N/A	6 U	8 U	6 U	6 U	6 UJ	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Trichlorotrifluoroethane (Freon 113)	6000	N/A	N/A	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 UJ	7 UJ	6 UJ	6 UJ	6 UJ	6 UJ
Vinyl chloride	200	900	13000	6 U	8 U	6 U	6 U	6 U	7 U	5 U	6 U	7 U	6 U	6 U	6 U	6 U
Xylene (total)	1200	100000	500000	17 U	24 U	17 U	20 U	17 U	21 U	16 U	17 U	20 U	17 U	16 U	16 U	17 U
Total VOC	10000			7	309	16	ND	ND	*24*	*1*	*8*	*21*	*ND*	*ND*	*ND*	*ND*

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives are shaded gray.
- Nondetected results with quantitation limits greater than Part 375 Restricted Residential soil cleanup objectives are italicized and bolded.
- Nondetected results with quantitation limits greater than TAGM #4046 soil cleanup objectives are italicized.

Table 2
Soil Semivolatile Organic Compound Results
Canal Street, Rochester, New York
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Sample ID	NYSDEC	NYSDEC	NYSDEC	SB-1, S2	SB-2, S3	SB-3, S5	SB-4, S5	SB-5, S5	SB-6, S3	SB-7, S6	SB-8, S4	SB-9, S6	SB-10, S2	SB-10, S6	SB-11, S6	SB-12, S2	SB-12, S5
Sample Depth (ft)	TAGM #4046	Part 375	Part 375	(2.0-4.0)	(4.0-6.0)	(8.0-10)	(8.0-10)	(8.0-9.5)	(6.0-8.0)	(10-12)	(6.0-8.0)	(10-12)	(4.0-6.0)	(12-13.2)	(10-12)	(2.0-4.0)	(8.0-10)
Lab Sample ID	Soil Cleanup	Restricted	Restricted	A6E53502	A6E53503	A6E21901	A6E21902	A6E21903	A6E42505	A6E42504	A6E42503	A6E37701	A6E27408	A6E27401	A6E37702	A6E27402	A6E27403
Date Sampled	Objectives	Residential	Commercial	12/1/2006	12/1/2006	11/27/2006	11/27/2006	11/27/2006	11/30/2006	11/30/2006	11/30/2006	11/29/2006	11/28/2006	11/28/2006	11/29/2006	11/28/2006	11/28/2006
Dilution Factor				1x	5x	1x	1x	1x	1x	1x	1x	1x	5x	1x	1x	1x	5x
TCL SVOCs (ug/kg)																	
2,4,5-Trichlorophenol	100	N/A	N/A	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
2,4,6-Trichlorophenol	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
2,4-Dichlorophenol	400	N/A	N/A	390 U	*2200* U	*410* U	390 U	400 U	370 U	*420* U	380 U	*440* U	*2000* U	400 U	380 U	390 U	*2200* U
2,4-Dimethylphenol	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
2,4-Dinitrophenol	200 or MDL	N/A	N/A	*2000* UJ	*11000* UJ	*2100* UJ	*2000* UJ	*2000* UJ	*1900* UJ	*2200* U	*2000* U	*2300* UJ	*10000* UJ	*2000* U	*2000* UJ	*2000* U	*11000* UJ
2,4-Dinitrotoluene	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
2,6-Dinitrotoluene	1000	N/A	N/A	390 U	*2200* U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	*2000* U	400 U	380 U	390 U	*2200* U
2-Chloronaphthalene	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
2-Chlorophenol	800	N/A	N/A	390 U	*2200* U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	*2000* U	400 U	380 U	390 U	*2200* U
2-Methyl naphthalene	36400	N/A	N/A	390 U	2200 U	410 U	390 U	21 J	370 U	420 U	29 J	3000	340 J	160 J	380 U	390 U	290 J
2-Methylphenol	100 or MDL	N/A	N/A	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
2-Nitroaniline	430 or MDL	N/A	N/A	*2000* U	*11000* U	*2100* U	*2000* U	*2000* U	*1900* U	*2200* U	*2000* U	*2300* U	*10000* U	*2000* U	*2000* U	*2000* U	*11000* U
2-Nitrophenol	330 or MDL	N/A	N/A	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
3,3'-Dichlorobenzidine	N/A	N/A	N/A	1900 U	11000 U	2000 U	1900 U	1900 U	1800 U	2000 U	1800 U	2100 U	9500 U	1900 U	1800 U	1900 U	10000 U
3-Nitroaniline	500 or MDL	N/A	N/A	*2000* U	*11000* U	*2100* U	*2000* U	*2000* U	*1900* U	*2200* U	*2000* U	*2300* U	*10000* U	*2000* U	*2000* U	*2000* U	*11000* U
4,6-Dinitro-2-methylphenol	N/A	N/A	N/A	2000 U	11000 U	2100 U	2000 U	2000 U	1900 U	2200 U	2000 U	2300 U	10000 U	2000 U	2000 U	2000 U	11000 U
4-Bromophenyl phenyl ether	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
4-Chloro-3-methylphenol	240 or MDL	N/A	N/A	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
4-Chloroaniline	220 or MDL	N/A	N/A	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
4-Chlorophenyl phenyl ether	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
4-Methylphenol	900	N/A	N/A	390 U	**2200** U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	*2000* U	400 U	380 U	390 U	*2200* U
4-Nitroaniline	N/A	N/A	N/A	2000 U	11000 U	2100 U	2000 U	2000 U	1900 U	2200 U	2000 U	2300 U	10000 U	2000 U	2000 U	2000 U	11000 U
4-Nitrophenol	100 or MDL	N/A	N/A	*2000* U	*11000* U	*2100* U	*2000* U	*2000* U	*1900* U	*2200* U	*2000* U	*2300* U	*10000* U	*2000* U	*2000* U	*2000* U	*11000* U
Acenaphthene	50000	100000	500000	15 J	84 J	410 U	390 U	87 J	370 U	420 U	59 J	960	100 J	2200	51 J	28 J	460 J
Acenaphthylene	41000	100000	500000	390 U	2200 U	26 J	390 U	400 U	370 U	420 U	140 J	110 J	870 J	370 J	380 U	390 U	780 J
Acetophenone	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	250 J	2000 U	58 J	380 U	390 U	2200 U
Anthracene	50000	100000	500000	40 J	190 J	65 J	52 J	150 J	370 U	88 J	81 J	560	610 J	1600	61 J	93 J	2200
Atrazine	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Benzaldehyde	N/A	N/A	N/A	390 UJ	2200 UJ	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Benzo(a)anthracene	224 or MDL	1000	5600	120 J	460 J	210 J	230 J	260 J	14 J	140 J	170 J	330 J	**2100**	**1700**	53 J	100 J	**4200**
Benzo(a)pyrene	61 or MDL	1000	1000	120 J	410 J	220 J	260 J	190 J	8 J	100 J	240 J	300 J	**2400**	**1500**	28 J	71 J	**3800**
Benzo(b)fluoranthene	1100	1000	5600	140 J	560 J	240 J	290 J	210 J	11 J	160 J	200 J	260 J	**4800**	**1600**	45 J	99 J	**5300**
Benzo(ghi)perylene	50000	100000	500000	80 J	260 J	210 J	280 J	110 J	370 U	63 J	200 J	120 J	1600 J	640	380 U	29 J	2700
Benzo(k)fluoranthene	1100	3900	56000	61 J	160 J	88 J	110 J	77 J	370 U	420 U	380 U	440 U	*2000* U	400 U	24 J	390 U	*2200* U
Biphenyl	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	48 J	760	130 J	610	380 U	27 J	130 J
bis(2-Chloroethoxy) methane	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
bis(2-Chloroethyl) ether	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 UJ	2000 U	400 UJ	380 UJ	390 UJ	2200 U
bis(2-Chloroisopropyl)ether	5	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
bis(2-Ethylhexyl) phthalate	50000	N/A	N/A	81 J	2200 U	410 U	390 U	400 U	370 U	420 U	150 J	440 U	2000 U	400 U	380 U	99 J	2200 U
Butyl benzyl phthalate	50000	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Caprolactam	N/A	N/A	N/A	2000 U	11000 U	2100 U	2000 U	2000 U	1900 U	2200 U	2000 U	2300 U	10000 U	2000 UJ	2000 U	2000 UJ	2400 J
Carbazole	N/A	N/A	N/A	12 J	55 J	410 U	25 J	64 J	370 U	47 J	380 U	440 U	160 J	400 U	21 J	390 U	490 J
Chrysene	400	3900	56000	110 J	410 J	210 J	230 J	210 J	10 J	130 J	170 J	330 J	2300	1500	51 J	100 J	3900
Dibenzo(a,h)anthracene	14 or MDL	330	560	23 J	75 J	45 J	63 J	37 J	***370*** U	27 J	36 J	31 J	**490** J	180 J	***380*** U	***390*** U	**670** J
Dibenzofuran	6200	N/A	N/A	8 J	50 J	410 U	390 U	56 J	370 U	23 J	380 U	56 J	280 J	140 J	57 J	390 U	640 J
Diethyl phthalate	7100	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Dimethyl phthalate	2000	N/A	N/A	390 U	*2200* U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	*2200* U
Di-n-butyphthalate	8100	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Di-n-octyl phthalate	50000	N/A	N/A	8 J	2200 U	410 U	20 J	20 J	370 U	420 U	380 U	30 J	2000 U	400 U	380 U	390 U	2200 U
Fluoranthene	50000	100000	500000	210 J	900 J	400 J	320 J	480	17 J	220 J	180 J	620	2900	2900	210 J	290 J	9700
Fluorene	50000	100000	500000	14 J	73 J	23 J	21 J	79 J	370 U	40 J	96 J	520	180 J	1300	81 J	75 J	1100 J
Hexachlorobenzene	410	N/A	N/A	390 U	*2200* U	410 U	390 U	400 U	370 U	*420* U	380 U	*440* U	*2000* U	400 U	380 U	390 U	*2200* U
Hexachlorobutadiene	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U

Table 2
Soil Semivolatile Organic Compound Results
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Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	SB-1, S2 (2.0-4.0) A6E53502 12/1/2006 1x	SB-2, S3 (4.0-6.0) A6E53503 12/1/2006 5x	SB-3, S5 (8.0-10) A6E21901 11/27/2006 1x	SB-4, S5 (8.0-10) A6E21902 11/27/2006 1x	SB-5, S5 (8.0-9.5) A6E21903 11/27/2006 1x	SB-6, S3 (6.0-8.0) A6E42505 11/30/2006 1x	SB-7, S6 (10-12) A6E42504 11/30/2006 1x	SB-8, S4 (6.0-8.0) A6E42503 11/30/2006 1x	SB-9, S6 (10-12) A6E37701 11/29/2006 1x	SB-10, S2 (4.0-6.0) A6E27408 11/28/2006 5x	SB-10, S6 (12-13.2) A6E27401 11/28/2006 1x	SB-11, S6 (10-12) A6E37702 11/29/2006 1x	SB-12, S2 (2.0-4.0) A6E27402 11/28/2006 1x	SB-12, S5 (8.0-10) A6E27403 11/28/2006 5x
Hexachlorocyclopentadiene	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Hexachloroethane	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Indeno(1,2,3-cd)pyrene	3200	500	5600	68 J	230 J	160 J	230 J	110 J	370 U	54 J	100 J	88 J	**1300** J	**520**	380 U	26 J	**2400**
Isophorone	4400	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Naphthalene	13000	100000	500000	390 U	2200 U	410 U	390 U	40 J	13 J	420 U	130 J	2300	260 J	240 J	380 U	390 U	420 J
Nitrobenzene	200 or MDL	N/A	N/A	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
N-Nitrosodi-n-propylamine	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
N-nitrosodiphenylamine	N/A	N/A	N/A	390 U	2200 U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	2000 U	400 U	380 U	390 U	2200 U
Pentachlorophenol	1000 or MDL	6700	6700	390 U	*2200* U	410 U	390 U	400 U	370 U	420 U	380 U	440 U	*2000* U	400 U	380 U	390 U	*2200* U
Phenanthrene	50000	100000	500000	140 J	710 J	230 J	200 J	540	20 J	230 J	320 J	2000	1000 J	4200	320 J	260 J	7000
Phenol	30 or MDL	100000	500000	*390* U	*2200* U	*410* U	*390* U	*400* U	*370* U	*420* U	*380* U	*440* U	*2000* U	*400* U	*380* U	*390* U	*2200* U
Pyrene	50000	100000	500000	150 J	650 J	510	320 J	490	13 J	210 J	360 J	1100	2900 J	4000	120 J	270 J	8100
Total PAHs				1291	5172	2637	2606	3091	106	1462	2511	12629	24150	24610	1044	1441	53020
Total SVOC	*500000*			1400	5277	2637	2651	3231	106	1532	2709	13725	24720	25418	1122	1567	56680

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives are shaded gray.
- ND = All analytes in this sample are nondetect.
- N/A = Data Not Available.
- Total PAHs includes 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene.

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 2
Soil Semivolatile Organic Compound Results
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Sample ID	NYSDEC	NYSDEC	NYSDEC	DUP-112806	SB-13, S3	SB-14, S4	DUP120506	SB-16, S1	SB-16, S7	SB-17, S1	SB-17, S6	SB-19, S2	SB-19, S5	SB-20, S3	SB-21, S1	DUP-082808	SB-21, S4
Sample Depth (ft)	TAGM #4046	Part 375	Part 375	DUP SB13, S3	(4.0-6.0)	(6.0-8.0)	DUP SB-16, S1	(0.0-2.0)	(12-14)	(0.0-2.0)	(10-12)	(2.0-4.0)	(8.0-10)	(4.0-6.0)	(0.5-2.5)	DUP SB-21, S4	(6.5-8.5)
Lab Sample ID	Soil Cleanup	Restricted	Restricted	A6E27406	A6E27404	A6E37703	A6E62904	A6E62902	A6E62903	A6E53513	A6E53510	A6E53504	A6E53505	A8A47507	A8A62903	A8A62905	A8A62904
Date Sampled	Objectives	Residential	Commercial	11/28/2006	11/28/2006	11/29/2006	12/5/2006	12/5/2006	12/5/2006	12/4/2006	12/4/2006	12/1/2006	12/1/2006	8/26/2008	8/28/2008	8/28/2008	8/28/2008
Dilution Factor				10x	10x	1x	5x	5x	1x	10x	1x	10x	1x	1x	10X	1x	1x
TCL SVOCs (ug/kg)																	
2,4,5-Trichlorophenol	100	N/A	N/A	*3700* U	*3800* U	*390* U	*2000* U	*2000* U	*370* U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
2,4,6-Trichlorophenol	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
2,4-Dichlorophenol	400	N/A	N/A	*3700* U	*3800* U	390 U	*2000* U	*2000* U	370 U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
2,4-Dimethylphenol	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 UJ	3700 UJ	390 UJ	390 UJ
2,4-Dinitrophenol	200 or MDL	N/A	N/A	*19000* UJ	*19000* UJ	*2000* UJ	*10000* UJ	*10000* UJ	*1900* UJ	*19000* UJ	*2100* UJ	*20000* U	*2100* U	2000 U	19000 U	2000 U	2000 U
2,4-Dinitrotoluene	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
2,6-Dinitrotoluene	1000	N/A	N/A	*3700* U	*3800* U	390 U	*2000* U	*2000* U	370 U	*3800* U	420 U	*3900* U	420 U	390 U	3700 U	390 U	390 U
2-Chloronaphthalene	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
2-Chlorophenol	800	N/A	N/A	*3700* U	*3800* U	390 U	*2000* U	*2000* U	370 U	*3800* U	420 U	*3900* U	420 U	390 U	3700 U	390 U	390 U
2-Methyl naphthalene	36400	N/A	N/A	1400 J	680 J	3400	61 J	69 J	370 U	3800 U	420 U	4200	28 J	28 J	3700 U	390 U	390 U
2-Methylphenol	100 or MDL	N/A	N/A	*3700* U	*3800* U	*390* U	*2000* U	*2000* U	*370* U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
2-Nitroaniline	430 or MDL	N/A	N/A	*19000* U	*19000* U	*2000* U	*10000* U	*10000* U	*1900* U	*19000* U	*2100* U	*20000* U	*2100* U	2000 U	19000 U	2000 U	2000 U
2-Nitrophenol	330 or MDL	N/A	N/A	*3700* U	*3800* U	*390* U	*2000* U	*2000* U	*370* U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
3,3'-Dichlorobenzidine	N/A	N/A	N/A	18000 U	18000 U	1900 U	9600 U	9600 U	1800 U	18000 U	2000 U	19000 U	2000 U	1900 U	18000 U	1900 U	1900 U
3-Nitroaniline	500 or MDL	N/A	N/A	*19000* U	*19000* U	*2000* U	*10000* U	*10000* U	*1900* U	*19000* U	*2100* U	*20000* U	*2100* U	2000 U	19000 U	2000 U	2000 U
4,6-Dinitro-2-methylphenol	N/A	N/A	N/A	19000 U	19000 U	2000 U	10000 U	10000 U	1900 U	19000 U	2100 U	20000 U	2100 U	2000 U	19000 UJ	2000 UJ	2000 UJ
4-Bromophenyl phenyl ether	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
4-Chloro-3-methylphenol	240 or MDL	N/A	N/A	*3700* U	*3800* U	*390* U	*2000* U	*2000* U	*370* U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
4-Chloroaniline	220 or MDL	N/A	N/A	*3700* U	*3800* U	*390* U	*2000* U	*2000* U	*370* U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
4-Chlorophenyl phenyl ether	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	*420* U	390 U	3700 U	390 U	390 U
4-Methylphenol	900	N/A	N/A	*3700* U	*3800* U	390 U	*2000* U	*2000* U	370 U	*3800* U	420 U	*3900* U	420 U	390 U	3700 U	390 U	390 U
4-Nitroaniline	N/A	N/A	N/A	19000 U	19000 U	2000 U	10000 U	10000 U	1900 U	19000 U	2100 U	20000 U	2100 U	2000 U	19000 U	2000 U	2000 U
4-Nitrophenol	100 or MDL	N/A	N/A	*19000* U	*19000* U	*2000* U	*10000* U	*10000* U	*1900* U	*19000* U	*2100* U	*20000* U	*2100* U	2000 U	19000 U	2000 U	2000 U
Acenaphthene	50000	100000	500000	3700 U	3800 U	390 U	2000 U	130 J	370 U	3800 U	420 U	540 J	62 J	100 J	3700 U	390 U	390 U
Acenaphthylene	41000	100000	500000	3700 U	3800 U	390 U	280 J	400 J	370 U	1100 J	420 U	1200 J	420 U	63 J	3700 U	390 U	390 U
Acetophenone	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Anthracene	50000	100000	500000	340 J	260 J	45 J	170 J	420 J	370 U	240 J	420 U	1900 J	140 J	220 J	3700 U	17 J	390 U
Atrazine	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Benzaldehyde	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 UJ	420 UJ	390 U	3700 U	390 U	390 U
Benzo(a)anthracene	224 or MDL	1000	5600	210 J	230 J	75 J	790 J	**1100** J	*370* U	**2300** J	*420* U	**1500** J	240 J	650	340 J	55 J	23 J
Benzo(a)pyrene	61 or MDL	1000	1000	***3700*** U	***3800*** U	53 J	990 J	**1500** J	*370* U	**1700** J	*420* U	**1600** J	180 J	560	200 J	46 J	25 J
Benzo(b)fluoranthene	1100	1000	5600	***3700*** U	***3800*** U	91 J	**1200** J	**1600** J	370 U	**3700** J	420 U	**1500** J	200 J	550	410 J	44 J	20 J
Benzo(ghi)perylene	50000	100000	500000	3700 U	3800 U	33 J	1600 J	2400	370 U	6000	420 U	1300 J	100 J	420	400 J	38 J	20 J
Benzo(k)fluoranthene	1100	3900	56000	*3700* U	*3800* U	390 U	370 J	500 J	370 U	1200 J	420 U	*3900* U	93 J	250 J	98 J	22 J	10 J
Biphenyl	N/A	N/A	N/A	3700 U	330 J	140 J	140 J	2000 U	370 U	3800 U	420 U	920 J	420 U	390 U	3700 U	390 U	390 U
bis(2-Chloroethoxy) methane	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
bis(2-Chloroethyl) ether	N/A	N/A	N/A	3700 U	3800 U	390 UJ	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
bis(2-Chloroisopropyl)ether	5	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
bis(2-Ethylhexyl) phthalate	50000	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	230 J	3700 U	390 U	390 U
Butyl benzyl phthalate	50000	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Caprolactam	N/A	N/A	N/A	19000 U	19000 U	2000 U	10000 U	10000 U	1900 U	19000 U	2100 U	20000 U	2100 U	2000 U	19000 U	2000 U	2000 U
Carbazole	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	41 J	370 U	3800 U	420 U	3900 U	61 J	59 J	3700 U	390 U	390 U
Chrysene	400	3900	56000	*3700* U	200 J	76 J	870 J	1200 J	370 U	2200 J	*420* U	1500 J	210 J	600	3700 U	390 U	390 U
Dibenzo(a,h)anthracene	14 or MDL	330	560	*3700* U	3800 U	***390*** U	300 J	280 J	***370*** U	**670** J	***420*** U	260 J	34 J	120 J	3700 U	11 J	8 J
Dibenzofuran	6200	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	150 J	34 J	66 J	3700 U	390 U	390 U
Diethyl phthalate	7100	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Dimethyl phthalate	2000	N/A	N/A	*3700* U	*3800* U	390 U	2000 U	2000 U	370 U	*3800* U	420 U	*3900* U	420 U	390 U	3700 U	390 U	390 U
Di-n-butyphthalate	8100	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Di-n-octyl phthalate	50000	N/A	N/A	3700 U	3800 U	20 J	2000 U	2000 U	370 U	3800 U	420 U	3900 U	11 J	390 U	3700 U	390 U	390 U
Fluoranthene	50000	100000	500000	500 J	490 J	200 J	1200 J	2700	370 U	2400 J	420 U	2600 J	480	1100	430 J	79 J	20 J
Fluorene	50000	100000	500000	3700 U	310 J	35 J	47 J	2000 U	370 U	3800 U	420 U	2100 J	68 J	120 J	3700 U	9 J	390 U
Hexachlorobenzene	410	N/A	N/A	*3700* U	*3800* U	390 U	*2000* U	*2000* U	370 U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
Hexachlorobutadiene	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U

Table 2
Soil Semivolatile Organic Compound Results
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Sample ID **Sample Depth (ft)** **Lab Sample ID** **Date Sampled** **Dilution Factor**	**NYSDEC TAGM #4046 Soil Cleanup Objectives**	**NYSDEC Part 375 Restricted Residential**	**NYSDEC Part 375 Restricted Commercial**	**DUP-112806** **DUP SB13, S3** **A6E27406** **11/28/2006** **10x**	**SB-13, S3** **(4.0-6.0)** **A6E27404** **11/28/2006** **10x**	**SB-14, S4** **(6.0-8.0)** **A6E37703** **11/29/2006** **1x**	**DUP120506** **DUP SB-16, S1** **A6E62904** **12/5/2006** **5x**	**SB-16, S1** **(0.0-2.0)** **A6E62902** **12/5/2006** **5x**	**SB-16, S7** **(12-14)** **A6E62903** **12/5/2006** **1x**	**SB-17, S1** **(0.0-2.0)** **A6E53513** **12/4/2006** **10x**	**SB-17, S6** **(10-12)** **A6E53510** **12/4/2006** **1x**	**SB-19, S2** **(2.0-4.0)** **A6E53504** **12/1/2006** **10x**	**SB-19, S5** **(8.0-10)** **A6E53505** **12/1/2006** **1x**	**SB-20, S3** **(4.0-6.0)** **A8A47507** **8/26/2008** **1x**	**SB-21, S1** **(0.5-2.5)** **A8A62903** **8/28/2008** **10X**	**DUP-082808** **DUP SB-21, S4** **A8A62905** **8/28/2008** **1x**	**SB-21, S4** **(6.5-8.5)** **A8A62904** **8/28/2008** **1x**
Hexachlorocyclopentadiene	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Hexachloroethane	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Indeno(1,2,3-cd)pyrene	3200	500	5600	***3700*** U	***3800*** U	25 J	**850** J	**1300** J	370 U	**3500** J	420 U	**660** J	92 J	330 J	300 J	31 J	18 J
Isophorone	4400	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Naphthalene	13000	100000	500000	350 J	3800 U	2100	80 J	160 J	370 U	3800 U	38 J	1200 J	81 J	42 J	78 J	100 J	9 J
Nitrobenzene	200 or MDL	N/A	N/A	*3700* U	*3800* U	*390* U	*2000* U	*2000* U	*370* U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
N-Nitrosodi-n-propylamine	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
N-nitrosodiphenylamine	N/A	N/A	N/A	3700 U	3800 U	390 U	2000 U	2000 U	370 U	3800 U	420 U	3900 U	420 U	390 U	3700 U	390 U	390 U
Pentachlorophenol	1000 or MDL	6700	6700	*3700* U	*3800* U	390 U	*2000* U	*2000* U	370 U	*3800* U	420 U	*3900* U	420 U	390 UJ	3700 UJ	390 UJ	390 UJ
Phenanthrene	50000	100000	500000	880 J	680 J	170 J	500 J	2400	370 U	980 J	420 U	7800	540	1000	280 J	72 J	17 J
Phenol	30 or MDL	100000	500000	*3700* U	*3800* U	*390* U	2000 U	2000 U	370 U	*3800* U	*420* U	*3900* U	*420* U	390 U	3700 U	390 U	390 U
Pyrene	50000	100000	500000	480 J	430 J	210 J	1200 J	3200	370 U	4600	420 U	4200	370 J	1100	610 J	81 J	20 J
Total PAHs				4160	3280	6513	10508	19359	ND	30590	38	34060	2918	*7253*	*3146*	*605*	*190*
Total SVOC	*500000*			4160	3610	6673	10648	19400	ND	30590	38	35130	3024	*7608*	*3146*	*605*	*190*

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives are shaded gray.
- ND = All analytes in this sample are nondetect.
- N/A = Data Not Available.
- Total PAHs includes 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene.

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 2
Soil Semivolatile Organic Compound Results
Canal Street, Rochester, New York
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Sample ID	NYSDEC	NYSDEC	NYSDEC	MW-1, S2	MW-2, S8	MW-3, S5	MW-4, S5	MW-5, S5	MW-5, S7	MW-6, S2	MW-7, S4	MW-8, S2	MW-9, S3	TP-1, S1	TP-2, S1	TP-2, S2	TP-3, S1	TP-3, S2	TP-4, S1
Sample Depth (ft)	TAGM #4046	Part 375	Part 375	(2.0-4.0)	(14-15)	(8.0-10)	(8.0-10)	(8.0-10)	(12-13.5)	(2.0-4.0)	(6.0-8.0)	(4.0-6.0)	(4.0-5.0)	(10-11)	(1.0-3.0)	(8.0-10)	(4.0-6.0)	(7.0-9.0)	(8.0-10)
Lab Sample ID	Soil Cleanup	Restricted	Restricted	A6E53501	A6E27405	A6E21904	A6E37705	A6E42501	A6E42502	A6E62901	A6E53508	A8A71301	A8A71801	A8A47501	A8A47502	A8A47503	A8A47504	A8A47505	A8A47506
Date Sampled	Objectives	Residential	Commercial	12/1/2006	11/28/2006	11/27/2006	11/29/2006	11/30/2006	11/30/2006	12/5/2006	12/4/2006	8/29/2008	9/2/2008	8/25/2008	8/25/2008	8/25/2008	8/25/2008	8/25/2008	8/25/2008
Dilution Factor				5x	5x	1x	1x	1x	1x	10x	1x	5X	1x	1x	20X	1x	1x	1x	1x
TCL SVOCs (ug/kg)																			
2,4,5-Trichlorophenol	100	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2,4,6-Trichlorophenol	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2,4-Dichlorophenol	400	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2,4-Dimethylphenol	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 UJ	370 UJ	400 UJ	9600 UJ	390 UJ	370 UJ	380 UJ	390 UJ
2,4-Dinitrophenol	200 or MDL	N/A	N/A	11000 U	10000 UJ	2000 UJ	1900 UJ	2600 U	1900 U	22000 UJ	1900 UJ	11000 U	1900 UJ	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
2,4-Dinitrotoluene	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2,6-Dinitrotoluene	1000	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2-Chloronaphthalene	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2-Chlorophenol	800	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2-Methyl naphthalene	36400	N/A	N/A	2100 U	470 J	34 J	370 U	510 U	360 U	130 J	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2-Methylphenol	100 or MDL	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
2-Nitroaniline	430 or MDL	N/A	N/A	11000 U	10000 U	2000 U	1900 U	2600 U	1900 U	22000 U	1900 U	11000 U	1900 U	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
2-Nitrophenol	330 or MDL	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
3,3'-Dichlorobenzidine	N/A	N/A	N/A	10000 U	9700 U	1900 U	1800 U	2500 U	1800 U	21000 U	1800 U	10000 U	1800 U	2000 U	47000 U	1900 U	1800 U	1800 U	1900 U
3-Nitroaniline	500 or MDL	N/A	N/A	11000 U	10000 U	2000 U	1900 U	2600 U	1900 U	22000 U	1900 U	11000 U	1900 U	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
4,6-Dinitro-2-methylphenol	N/A	N/A	N/A	11000 U	10000 U	2000 U	1900 U	2600 U	1900 U	22000 U	1900 U	11000 UJ	1900 UJ	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
4-Bromophenyl phenyl ether	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
4-Chloro-3-methylphenol	240 or MDL	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
4-Chloroaniline	220 or MDL	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
4-Chlorophenyl phenyl ether	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
4-Methylphenol	900	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
4-Nitroaniline	N/A	N/A	N/A	11000 U	10000 U	2000 U	1900 U	2600 U	1900 U	22000 U	1900 U	11000 U	1900 U	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
4-Nitrophenol	100 or MDL	N/A	N/A	11000 U	10000 U	2000 U	1900 U	2600 U	1900 U	22000 U	1900 U	11000 U	1900 UJ	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
Acenaphthene	50000	100000	500000	2100 U	720 J	43 J	370 U	510 U	88 J	4300 U	380 U	2200 U	370 U	400 U	400 J	390 U	370 U	23 J	390 U
Acenaphthylene	41000	100000	500000	2100 U	320 J	400 U	370 U	510 U	360 U	820 J	380 U	2200 U	370 U	400 U	1600 J	21 J	8 J	380 U	390 U
Acetophenone	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Anthracene	50000	100000	500000	58 J	2000	24 J	370 U	38 J	47 J	160 J	380 U	2200 U	370 U	12 J	2600 J	37 J	370 U	12 J	12 J
Atrazine	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Benzaldehyde	N/A	N/A	N/A	2100 UJ	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Benzo(a)anthracene	224 or MDL	1000	5600	220 J	**2400**	400 U	370 U	55 J	360 U	520 J	19 J	2200 U	370 U	30 J	**15000**	160 J	18 J	21 J	58 J
Benzo(a)pyrene	61 or MDL	1000	1000	220 J	**2000**	400 U	370 U	56 J	360 U	1000 J	380 U	2200 U	370 U	28 J	**19000**	140 J	17 J	17 J	56 J
Benzo(b)fluoranthene	1100	1000	5600	230 J	**3300**	400 U	370 U	77 J	360 U	**1200** J	380 U	2200 U	370 U	35 J	**18000**	140 J	25 J	23 J	73 J
Benzo(ghi)perylene	50000	100000	500000	130 J	1200 J	400 U	370 U	43 J	360 U	4400	380 U	2200 U	370 U	20 J	18000	76 J	41 J	15 J	48 J
Benzo(k)fluoranthene	1100	3900	56000	110 J	2000 U	400 U	370 U	510 U	360 U	340 J	380 U	2200 U	370 U	7 J	**4600** J	60 J	14 J	10 J	24 J
Biphenyl	N/A	N/A	N/A	2100 U	180 J	44 J	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
bis(2-Chloroethoxy) methane	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
bis(2-Chloroethyl) ether	N/A	N/A	N/A	2100 U	2000 U	400 U	370 UJ	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
bis(2-Chloroisopropyl)ether	5	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
bis(2-Ethylhexyl) phthalate	50000	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	77 J	9600 U	390 U	370 U	380 U	390 U
Butyl benzyl phthalate	50000	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Caprolactam	N/A	N/A	N/A	11000 U	10000 U	2000 U	1900 U	2600 U	1900 U	22000 U	1900 U	11000 U	1900 U	2100 U	50000 U	2000 U	1900 U	2000 U	2000 U
Carbazole	N/A	N/A	N/A	2100 U	380 J	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	650 J	8 J	370 U	380 U	390 U
Chrysene	400	3900	56000	200 J	2500	400 U	370 U	61 J	360 U	630 J	380 U	2200 U	370 U	400 U	**15000**	150 J	370 U	380 U	390 U
Dibenzo(a,h)anthracene	14 or MDL	330	560	44 J	**380** J	**400** U	**370** U	**510** U	**360** U	**610** J	**380** U	2200 U	370 U	400 U	**7400** J	26 J	370 U	380 U	16 J
Dibenzofuran	6200	N/A	N/A	2100 U	610 J	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	450 J	390 U	370 U	380 U	390 U
Diethyl phthalate	7100	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Dimethyl phthalate	2000	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Di-n-butyphthalate	8100	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Di-n-octyl phthalate	50000	N/A	N/A	2100 U	2000 U	22 J	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Fluoranthene	50000	100000	500000	320 J	6500	400 U	370 U	88 J	50 J	870 J	22 J	2200 U	370 U	44 J	19000	230 J	9 J	83 J	87 J
Fluorene	50000	100000	500000	2100 U	1200 J	27 J	370 U	29 J	36 J	110 J	380 U	2200 U	370 U	400 U	630 J	12 J	370 U	40 J	390 U
Hexachlorobenzene	410	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Hexachlorobutadiene	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U

Table 2
Soil Semivolatile Organic Compound Results
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Sample ID	NYSDEC	NYSDEC	NYSDEC	MW-1, S2	MW-2, S8	MW-3, S5	MW-4, S5	MW-5, S5	MW-5, S7	MW-6, S2	MW-7, S4	MW-8, S2	MW-9, S3	TP-1, S1	TP-2, S1	TP-2, S2	TP-3, S1	TP-3, S2	TP-4, S1
Sample Depth (ft)	**TAGM #4046**	**Part 375**	**Part 375**	**(2.0-4.0)**	**(14-15)**	**(8.0-10)**	**(8.0-10)**	**(8.0-10)**	**(12-13.5)**	**(2.0-4.0)**	**(6.0-8.0)**	**(4.0-6.0)**	**(4.0-5.0)**	**(10-11)**	**(1.0-3.0)**	**(8.0-10)**	**(4.0-6.0)**	**(7.0-9.0)**	**(8.0-10)**
Lab Sample ID	**Soil Cleanup**	**Restricted**	**Restricted**	**A6E53501**	**A6E27405**	**A6E21904**	**A6E37705**	**A6E42501**	**A6E42502**	**A6E62901**	**A6E53508**	**A8A71301**	**A8A71801**	**A8A47501**	**A8A47502**	**A8A47503**	**A8A47504**	**A8A47505**	**A8A47506**
Date Sampled	**Objectives**	**Residential**	**Commercial**	**12/1/2006**	**11/28/2006**	**11/27/2006**	**11/29/2006**	**11/30/2006**	**11/30/2006**	**12/5/2006**	**12/4/2006**	**8/29/2008**	**9/2/2008**	**8/25/2008**	**8/25/2008**	**8/25/2008**	**8/25/2008**	**8/25/2008**	**8/25/2008**
Dilution Factor				**5x**	**5x**	**1x**	**1x**	**1x**	**1x**	**10x**	**1x**	**5X**	**1x**	**1x**	**20X**	**1x**	**1x**	**1x**	**1x**
Hexachlorocyclopentadiene	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Hexachloroethane	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Indeno(1,2,3-cd)pyrene	3200	500	5600	130 J	**1200** J	400 U	370 U	33 J	360 U	**2300** J	380 U	2200 U	370 U	17 J	**10000**	73 J	23 J	13 J	37 J
Isophorone	4400	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Naphthalene	13000	100000	500000	2100 U	3800	78 J	370 U	510 U	360 U	220 J	380 U	2200 U	370 U	78 J	330 J	390 U	370 U	8 J	390 U
Nitrobenzene	200 or MDL	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
N-Nitrosodi-n-propylamine	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
N-nitrosodiphenylamine	N/A	N/A	N/A	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Pentachlorophenol	1000 or MDL	6700	6700	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 UJ	370 UJ	400 UJ	9600 UJ	390 UJ	370 UJ	380 UJ	390 UJ
Phenanthrene	50000	100000	500000	200 J	7000	100 J	370 U	100 J	150 J	420 J	31 J	2200 U	370 U	35 J	11000	110 J	370 U	56 J	46 J
Phenol	30 or MDL	100000	500000	2100 U	2000 U	400 U	370 U	510 U	360 U	4300 U	380 U	2200 U	370 U	400 U	9600 U	390 U	370 U	380 U	390 U
Pyrene	50000	100000	500000	250 J	5200	32 J	370 U	140 J	56 J	1200 J	26 J	2200 U	370 U	38 J	16000	200 J	18 J	120 J	76 J
Total PAHs				2112	40190	338	ND	720	427	14930	98	*ND*	*ND*	*344*	*158560*	*1435*	*173*	*441*	*533*
Total SVOC	*500000*			2112	41360	404	ND	720	427	14930	98	*ND*	*ND*	*421*	*159660*	*1443*	*173*	*441*	*533*

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives are shaded gray.
- ND = All analytes in this sample are nondetect.
- N/A = Data Not Available.
- Total PAHs includes 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene.

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 3
Soil Metals and Miscellaneous Results
Canal Street, Rochester, New York
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Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	Eastern USA Site Background Range	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	SB-1, S2 (2.0-4.0) A6E53502 12/1/2006 1x	SB-2, S3 (4.0-6.0) A6E53503 12/1/2006 1x	SB-3, S5 (8.0-10) A6E21901 11/27/2006 1x	SB-4, S5 (8.0-10) A6E21902 11/27/2006 1x	SB-5, S5 (8.0-9.5) A6E21903 11/27/2006 1x	SB-6, S3 (6.0-8.0) A6E42505 11/30/2006 1x	SB-7, S6 (10-12) A6E42504 11/30/2006 1x	SB-8, S4 (6.0-8.0) A6E42503 11/30/2006 1x	SB-9, S6 (10-12) A6E37701 11/29/2006 1x [10x]	SB-10, S2 (4.0-6.0) A6E27408 11/28/2006 1x	SB-10, S6 (12-13.2) A6E27401 11/28/2006 1x	SB-11, S6 (10-12) A6E37702 11/29/2006 1x
TOTAL METALS (mg/kg)																
Aluminum	SB	33,000	N/A	N/A	5020 J	5220 J	5830 J	5500 J	4320 J	3020	10400	4650	5700 J	3730 J	1380 J	6800 J
Antimony	SB	N/A	N/A	N/A	6.9 UJ	8.6 UJ	7 U	6.7 U	6.7 U	6.8 U	7.9 U	6 U	6.8 U	6.6 U	6.5 U	6.2 U
Arsenic	7.5 or SB	3.0-12	16	16	4.9 J	8.8 J	5.5	7.9	2.5	1.6	4.9	3.4	**21.5**	**30** J	2.6 J	4.6
Barium	300 or SB	15-600	400	400	49.4 0	385	62.1	96.6	34	19.8	86.6	28.1	**[1960]** J	43 J	11.6 J	51.5 J
Beryllium	0.16 or SB	0-1.75	72	590	*0.57* U	*0.72* U	*0.59* U	*0.56* U	*0.56* U	*0.56* U	*0.66* U	*0.5* U	0.75	*0.55* U	*0.54* U	*0.52* U
Cadmium	1.0 or SB	0.1-1.0	4.3	9.3	0.57 U	0.72 U	0.59 U	0.56 U	0.56 U	0.56 U	0.66 U	0.5 U	**5.5**	0.55 U	0.54 U	0.52 U
Calcium	SB	130-35,000	N/A	N/A	11000	51400	11100 J	21100 J	2980 J	40900	23900	36100	8260 J	29200 J	11600 J	29000 J
Chromium	10 or SB	1.5-40	110	400	6.6 J	8.3 J	12	8.7	6.3	3.8	12.8	6.9	11.1	7.5	3.2	8.9
Cobalt	30 or SB	2.5-60	N/A	N/A	6.2	7.2 U	5.9 U	5.6 U	5.6 U	5.6 U	7	5 U	28.8	5.5 U	5.4 U	5.3
Copper	25 or SB	1.0-50	270	270	77.6 J	138 J	12.2	33.6	8.2	6.8	17.5	14.3	14.1	49 J	5.4 J	9.3
Iron	2000 or SB	2,000-550,000	N/A	N/A	11800	21600	15300 J	15300 J	10700 J	5700	17900	11000	59100 J	17500	4860	15100 J
Lead	SB	200-500	400	1000	143	**969**	27.7	131	7.3	5.6	125	29	24.5 J	116 J	27.4 J	9 J
Magnesium	SB	100-5,000	N/A	N/A	3730 J	5630 J	3910 J	5250 J	1750 J	13300	6640	8020	1880	12100	4210	2900
Manganese	SB	50-5,000	2000	10000	264 J	402 J	360 J	1030 J	129 J	183	336	481	**[12300]** J	334 J	168 J	158 J
Mercury	0.1	0.01-0.2	0.81	2.8	0.581 J	0.737 J	0.52	0.36	0.0059 U	0.013	0.16	0.07	0.014	0.37	0.086	0.024
Nickel	13 or SB	0.5-25	310	310	11	12.7	10.7	9.6	6.8	4.8	15.1	8.4	26.5	14.4	4.3 U	10.8
Potassium	SB	8,500-43,000	N/A	N/A	796	1030	1100	753	544	601	1520	1010	498	612	358	919
Selenium	2.0 or SB	0.1-3.9	180	1500	0.69	2.8	1.2	1.6	0.91	0.66 U	1.7	1.1	6.3	1.6	0.64 U	2
Silver	SB	N/A	180	1500	1.2 U	1.4	1.2 U	1.1 U	1.1 U	1.2 U	1.3 U	1 U	1.1 U	1.1 U	1.1 U	1 U
Sodium	SB	6,000-8,000	N/A	N/A	443	601	146	159	134	76.9	120	105	111	108	54.1 U	58.1
Thallium	SB	N/A	N/A	N/A	1.1 U	1.4 U	1.2 U	1.1 U	1.1 U	1.1 U	1.3 U	1.1	4.8	1.1 U	1.1 U	1 U
Vanadium	150 or SB	1.0-300	N/A	N/A	13.4	13.2	15.7	17.2	11.9	5.6 U	18.4	12.4	53.8	11.7	5.4 U	13.6
Zinc	20 or SB	9.0-50	10000	10000	71.1 J	350 J	57.8	57.5	23.8	20.2	73.1	30.2	838 J	89.6 J	23.1 J	40 J
Miscellaneous Parameters																
Total Cyanide (ug/g)	N/A	N/A	27	27	0.95 UJ	1.1 UJ	1.1 U	1 U	1.2 U	1 U	1.2 U	1.2 U	1.3 U	0.9 U	0.99 U	0.98 U

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives and/or site background are shaded gray.
- N/A = Data Not Available.
- SB = Site Background.

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analyte in the sample.

Table 3
Soil Metals and Miscellaneous Results
Canal Street, Rochester, New York
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Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	Eastern USA Site Background Range	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	SB-12, S2 (2.0-4.0) A6E27402 11/28/2006 1x	SB-12, S5 (8.0-10) A6E27403 11/28/2006 1x [10x}	DUP-112806 Dup SB-13, S3 A6E27406 11/28/2006 1x [5x]	SB-13, S3 (4.0-6.0) A6E27404 11/28/2006 1x [5x]	SB-14, S4 (6.0-8.0) A6E37703 11/29/2006 1x	DUP120506 DUP SB-16, S1 A6E62904 12/5/2006 1x [5x]	SB-16, S1 (0.0-2.0) A6E62902 12/5/2006 1x [5x]	SB-16, S2 (2.0-4.0) A6E73001 12/5/2006 1x [5x]	SB-16, S7 (12-14) A6E62903 12/5/2006 1x	SB-17, S1 (0.0-2.0) A6E53513 12/4/2006 1x [5x]	SB-17, S6 (10-12) A6E53510 12/4/2006 1x [5x]	SB-19, S2 (2.0-4.0) A6E53504 12/1/2006 1x
TOTAL METALS (mg/kg)																
Aluminum	SB	33,000	N/A	N/A	6610 J	4820 J	2410 J	3090 J	4140 J	3930	3650	516	3260	4150 J	5330 J	5000 J
Antimony	SB	N/A	N/A	N/A	6.2 U	7.1 U	5.6 U	6.4 U	6.5 U	7.3 U	7.3 U	10.3 U	6.8 U	6.6 UJ	7.4 UJ	6.3 UJ
Arsenic	7.5 or SB	3.0-12	16	16	4 J	10.4 J	1.5 J	1.5 J	1.6	6.4	5.8	2.3	2	**16.6** J	3.4 J	4.4 J
Barium	300 or SB	15-600	400	400	60.9 J	67.9 J	19.7 J	20.7 J	28.7 J	42.7	36.5	6.1	23.9	60.4	117	42.9
Beryllium	0.16 or SB	0-1.75	72	590	*0.52* U	*0.6* U	*0.47* U	*0.53* U	*0.54* U	*0.61* U	*0.61* U	*0.85* U	*0.57* U	*0.55* U	*0.62* U	*0.52* U
Cadmium	1.0 or SB	0.1-1.0	4.3	9.3	0.52 U	0.6 U	0.47 U	0.53 U	0.54 U	0.61 U	0.61 U	0.85 U	0.57 U	0.55 U	0.67	0.52 U
Calcium	SB	130-35,000	N/A	N/A	3340 J	41800 J	[51300] J	[54500] J	2320 J	[144000]	[94600]	[236000]	32900	[70400]	7670	24500
Chromium	10 or SB	1.5-40	110	400	9.5	10.2	4.3	5.4	6.5	6.4	6	1.7 U	5	16.8 J	9.1 J	7.6 J
Cobalt	30 or SB	2.5-60	N/A	N/A	6.4	9.1	4.7 U	5.3 U	5.4 U	6.1 U	6.1 U	8.5 U	5.7 U	5.5 U	6.4	5.2 U
Copper	25 or SB	1.0-50	270	270	11.3 J	149 J	7.3 J	11 J	9.3	23.9	24.2	3.4 U	8.2	51.4 J	6 J	35.9 J
Iron	2000 or SB	2,000-550,000	N/A	N/A	14400	33600	7990	9870	9010 J	11000	12100	1310	8450	13700	13200	11900
Lead	SB	200-500	400	1000	12.4 J	**4050** J	2.9 J	5.3 J	16.8 J	82.3	50	9.3	2.8	185	13.2	137
Magnesium	SB	100-5,000	N/A	N/A	1840	15700	16300	12600	1450	19600	35400	71100	8600	21600 J	3320 J	8120 J
Manganese	SB	50-5,000	2000	10000	648 J	374 J	291 J	460 J	246 J	259	262	233	296	345 J	**[3040]** J	324 J
Mercury	0.1	0.01-0.2	0.81	2.8	0.018	**[2.1]**	0.0056 U	0.016	0.005 U	0.11	0.1	0.024	0.005 U	**[1.1]** J	0.025 J	0.428 J
Nickel	13 or SB	0.5-25	310	310	10	14.9	5.1	6.1	7.9	8.6	9.2	6.8 U	6.2	11.2	6.6	9.6
Potassium	SB	8,500-43,000	N/A	N/A	646	824	440	585	662	853	736	342 U	727	838	462	836
Selenium	2.0 or SB	0.1-3.9	180	1500	1.1	3.8	0.55 U	0.69	0.73	1	1.1	1 U	0.67 U	0.73	0.97	1.3
Silver	SB	N/A	180	1500	1 U	1.8	0.94 U	1 U	1.1 U	1.2 U	1.2 U	0.98 U	1.1 U	1.2 U	1.3 U	1.1 U
Sodium	SB	6,000-8,000	N/A	N/A	54.3	156	98	115	106	96.3	85.5	85.4 U	112	222	68.9	90.8
Thallium	SB	N/A	N/A	N/A	1 U	1.2 U	0.94 U	1 U	1.1 U	1.2 U	1.2 U	1.7 U	1.1 U	1.1 U	1.2 U	1 U
Vanadium	150 or SB	1.0-300	N/A	N/A	18.5	15.7	9.1	11.6	12.8	9.8	9.1	8.5 U	8.9	10.2	15.7	11.6
Zinc	20 or SB	9.0-50	10000	10000	45.5 J	144 J	15.6 J	19.1 J	18.7 J	125	126	41.8	18.8	[1290] J	110 J	56.6 J
Miscellaneous Parameters																
Total Cyanide (ug/g)	N/A	N/A	27	27	0.89 U	1.1 U	1.6	0.88 U	1 U	0.74 U	1 U	11.5	0.76 U	1.1 UJ	0.66 UJ	1.1 UJ

Notes:
- Compounds with concentrations greater than Part 375 Restricted Residential soil cleanup objectives are shaded gray and bolded.
- Compounds with concentrations greater than TAGM #4046 soil cleanup objectives and/or site background are shaded gray.
- N/A = Data Not Available.
- SB = Site Background.

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Table 3
Soil Metals and Miscellaneous Results
Canal Street, Rochester, New York
Page 3 of 4

Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	Eastern USA Site Background Range	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	SB-19, S5 (8.0-10) A6E53505 12/1/2006 1x	SB-20, S3 (4.0-6.0) A8A47507 8/26/2008 1x	SB-21, S1 (0.5-2.5) A8A62903 8/28/2008 1x	DUP-082808 DUP SB-21,S4 A8A62905 8/28/2008 1x	SB-21, S4 (6.5-8.5) A8A62904 8/28/2008 1x	MW-1, S2 (2.0-4.0) A6E53501 12/1/2006 1x	MW-2, S8 (14-15) A6E27405 11/28/2006 1x	MW-3, S5 (8.0-10) A6E21904 11/27/2006 1x	MW-4, S5 (8.0-10) A6E37705 11/29/2006 1x	MW-5, S5 (8.0-10) A6E42501 11/30/2006 1x	MW-5, S7 (12-13.5) A6E42502 11/30/2006 1x [5x]	MW-6, S2 (2.0-4.0) A6E62901 12/5/2006 1x [5x]
TOTAL METALS (mg/kg)																
Aluminum	SB	33,000	N/A	N/A	6050 J	4550 J	5740 J	4050 J	5910 J	4340 J	5660 J	7190 J	2760 J	6410	1410	3180
Antimony	SB	N/A	N/A	N/A	8.2 UJ	7.9 UJ	6.8 UJ	7.3 UJ	6.9 UJ	6.8 UJ	6.8 U	7.2 U	5.8 U	9.4 U	6.7 U	7.9 U
Arsenic	7.5 or SB	3.0-12	16	16	3.9 J	3	4.7	4	5.1	3.3 J	**58.9** J	6.5	1.6	13	2.9	3.5
Barium	300 or SB	15-600	400	400	246	53.8 J	61.7 J	53.1 J	64.7 J	58.9	72 J	49.6	16.8 J	85.2	16.8	42.8
Beryllium	0.16 or SB	0-1.75	72	590	*0.68* U	0.66 U	0.57 U	0.61 U	0.58 U	0.56 U	0.57 U	0.6 U	0.49 U	0.78 U	0.56 U	0.66 U
Cadmium	1.0 or SB	0.1-1.0	4.3	9.3	0.68 U	0.66 U	0.57 U	0.61 U	0.58 U	0.56 U	0.57 U	0.6 U	0.49 U	0.86	0.56 U	0.66 U
Calcium	SB	130-35,000	N/A	N/A	4570	37100 J	28500 U	14100 J	14400 U	32100	43100 J	8540 J	1170 J	8180	[55600]	[69500]
Chromium	10 or SB	1.5-40	110	400	10 J	7.9 J	8 J	6.1 J	14.1 J	6.2 J	13.4	9.3	3.7	13	4.8	5.9
Cobalt	30 or SB	2.5-60	N/A	N/A	6.9	6.6 U	5.7 U	6.1 U	5.8 U	5.6 U	5.7 U	6.6	4.9 U	7.8 U	5.6 U	6.6 U
Copper	25 or SB	1.0-50	270	270	8.9 J	81.7 J	26.7 J	22.4 J	62.8 J	104 J	41.2 J	9.5	6	18.3	3.3	47
Iron	2000 or SB	2,000-550,000	N/A	N/A	16100	8880	12700	8760	12100	9820	21200	19400 J	5760 J	13000	9150	3940
Lead	SB	200-500	400	1000	89	53.5	167	71	107	147	400 J	21.8	2.6 J	65	16.7	108
Magnesium	SB	100-5,000	N/A	N/A	2950 J	9710 J	7910 U	3820 U	4360 U	14200 J	23700	5530 J	1140	2050	34700	34800
Manganese	SB	50-5,000	2000	10000	1310 J	299	363	343	354	341 J	490 J	320 J	65.7 J	448	483	156
Mercury	0.1	0.01-0.2	0.81	2.8	0.142 J	0.007	0.3	0.448	0.32	0.41 J	0.018	0.032	0.005 U	0.14	0.0055 U	0.34
Nickel	13 or SB	0.5-25	310	310	11.6	8.1 J	9.4 J	6.3 J	10.8 J	7	13.5	11.4	5	7.9	4.5 U	6.8
Potassium	SB	8,500-43,000	N/A	N/A	952	1100 J	945 J	613 J	853 J	716	632	639	373	579	708	417
Selenium	2.0 or SB	0.1-3.9	180	1500	0.8 U	0.78 U	0.67 U	0.72 U	0.68 U	0.66 U	1.8	1.8	0.57 U	2.5	0.76	0.78 U
Silver	SB	N/A	180	1500	1.3 U	1.3 U	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	0.97 U	1.6 U	1.1 U	1.3 U
Sodium	SB	6,000-8,000	N/A	N/A	68.1 U	285 U	184 U	110 U	193 U	124	229	80.4	59.9	78.2 U	89.9	132
Thallium	SB	N/A	N/A	N/A	1.4 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	0.97 U	1.6 U	1.1 U	1.3 U
Vanadium	150 or SB	1.0-300	N/A	N/A	14.2	10.8 J	13.4 J	9.9 J	13.8 J	9.7	12.8	17	5.9	14.3	5.7	8
Zinc	20 or SB	9.0-50	10000	10000	184 J	49.1	69.5	37.4	65.1	104 J	123 J	59.6	13.8 J	170	31.6	70.4
Miscellaneous Parameters																
Total Cyanide (ug/g)	N/A	N/A	27	27	1.2 UJ	1.1 U	2.6	0.93 U	0.73 U	1.1 UJ	1.7	0.93 U	1 U	1.5 U	0.94 U	0.72 U

Notes:
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analyte in the sample.

Table 3
Soil Metals and Miscellaneous Results
Canal Street, Rochester, New York
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Sample ID Sample Depth (ft) Lab Sample ID Date Sampled Dilution Factor	NYSDEC TAGM #4046 Soil Cleanup Objectives	Eastern USA Site Background Range	NYSDEC Part 375 Restricted Residential	NYSDEC Part 375 Restricted Commercial	MW-7, S4 (6.0-8.0) A6E53508 12/4/2006 1x	MW-8, S2 (4.0-6.0) A8A71301 8/29/2008 1x	MW-9, S3 (4.0-5.0) A8A71801 9/2/2008 1x	TP-1, S1 (10-11) A8A47501 8/25/2008 1x	TP-2, S1 (1.0-3.0) A8A47502 8/25/2008 1x	TP-2, S2 (8.0-10) A8A47503 8/25/2008 1x	TP-3, S1 (4.0-6.0) A8A47504 8/25/2008 1x	TP-3, S2 (7.0-9.0) A8A47505 8/25/2008 1x	TP-4, S1 (8.0-10) A8A47506 8/25/2008 1x
TOTAL METALS (mg/kg)													
Aluminum	SB	33,000	N/A	N/A	3860 J	5560 J	5360 J	6550 J	10500 J	3490 J	5540 J	4780 J	5740 J
Antimony	SB	N/A	N/A	N/A	6.8 UJ	7.4 UJ	7 UJ	8.1 UJ	9.5 UJ	7.8 UJ	7.1 UJ	6.9 UJ	7.8 UJ
Arsenic	7.5 or SB	3.0-12	16	16	2.4 J	3.8	2.8	3.1	**67.9**	1.9	3.1	2.1	4.4
Barium	300 or SB	15-600	400	400	43.2	51.8 J	30.4 J	52.8 J	288 J	29.6 J	30.2 J	28.5 J	62.8 J
Beryllium	0.16 or SB	0-1.75	72	590	0.57 U	0.61 U	0.59 U	0.68 U	0.88	0.65 U	0.59 U	0.57 U	0.65 U
Cadmium	1.0 or SB	0.1-1.0	4.3	9.3	0.57 U	0.61 U	0.59 U	0.68 U	1.3	0.65 U	0.59 U	0.57 U	0.65 U
Calcium	SB	130-35,000	N/A	N/A	28500	2900 J	17700 J	14300 U	23900 U	31200 U	25200 U	26200 U	21800 U
Chromium	10 or SB	1.5-40	110	400	5.5 J	12.8 J	7.1 J	7.6 J	18 J	5 J	6.9 J	5.4 J	9.2 J
Cobalt	30 or SB	2.5-60	N/A	N/A	5.7 U	6.1 U	5.9 U	6.8 U	8.9	6.5 U	5.9 U	5.7 U	6.5 U
Copper	25 or SB	1.0-50	270	270	16 J	4.3 J	8.8 J	13.4 J	204 J	11.2 J	11.4 J	8.9 J	22.2 J
Iron	2000 or SB	2,000-550,000	N/A	N/A	7690	15800	9920	11700	25700	6890	11300	8550	14200
Lead	SB	200-500	400	1000	82.3	60.4	5	25.1	**731**	8.1	8.5	7.3	84.9
Magnesium	SB	100-5,000	N/A	N/A	9200 J	1830 J	4750 J	4230 U	8820 U	6310 U	6930 U	5960 U	5380 U
Manganese	SB	50-5,000	2000	10000	238 J	531	372	325	517	337	412	294	763
Mercury	0.1	0.01-0.2	0.81	2.8	0.01 J	0.067	0.01	0.054	**5.8**	0.169	0.011	0.597	0.2
Nickel	13 or SB	0.5-25	310	310	6	7.7 J	7.3 J	8.6 J	23.6 J	5.2 J	9.1 J	6.2 J	8 J
Potassium	SB	8,500-43,000	N/A	N/A	757	850 J	1010 J	1450 J	1400 J	777 J	840 J	886 J	1050 J
Selenium	2.0 or SB	0.1-3.9	180	1500	0.67 U	0.73 U	0.69 U	0.8 U	0.94 U	0.77 U	0.7 U	0.68 U	0.77 U
Silver	SB	N/A	180	1500	1.1 U	1.2 U	1.2 U	1.4 U	1.6	1.3 U	1.2 U	1.1 U	1.3 U
Sodium	SB	6,000-8,000	N/A	N/A	103	90.2	132	161 U	188 U	140 U	110 U	141 U	163 U
Thallium	SB	N/A	N/A	N/A	1.1 U	1.2 U	1.2 U	1.4 U	1.6 U	1.3 U	1.2 U	1.1 U	1.3 U
Vanadium	150 or SB	1.0-300	N/A	N/A	8.4	16.9 J	11.1 J	13.6 J	32.8 J	8 J	12 J	10.3 J	17.9 J
Zinc	20 or SB	9.0-50	10000	10000	38.7 J	166	25.2	50	271	20.1	27.6	21.8	41.5
Miscellaneous Parameters													
Total Cyanide (ug/g)	N/A	N/A	27	27	0.72 UJ	1.3	1 U	0.7 U	1.2 U	0.95 U	0.99 U	0.71 U	3.7

Notes:
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analyte in the sample.

Table 4
Groundwater Volatile Organic Compound Results
Canal Street, Rochester, New York
Page 1 of 3

Sample ID	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2-FD	MW-2	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-5	MW-5
Lab Sample ID		A6F46701	A7B81404	A8B65301	A6F46702	A7B81401	A7B81402	A8B65302	A6F49503	A7B81407	A8B79407	A6F49501	A7B81403	A8B79402	A6F49502	A7B81406
Date Sampled		12/26/2006	10/12/2007	9/22/2008	12/26/2006	10/12/2007	10/12/2007	9/22/2008	12/27/2006	10/11/2007	9/24/2008	12/27/2006	10/12/2007	9/24/2008	12/27/2006	10/12/2007
Dilution Factor		1x	1x	1x	1x	1x	1x	1x	2x	1x	1X [2X]	1x	1x	1x	1x	1x
TCL VOCs (ug/L)																
1,1,1-Trichloroethane	5	5 U	5 U	5.0 UJ	5 U	5 U	5 U	5.0 UJ	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,1,2-Trichloroethane	1	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,1-Dichloroethane	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,1-Dichloroethene	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 UJ	5.0 U	5 U	5 UJ	5 UJ	5.0 U	5 U	5 UJ	5.0 U	5 U	5 UJ	5.0 U	5 U	5 UJ
1,2-Dibromo-3-chloropropane (DBCP)	0.04	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,2-Dibromoethane (EDB)	N/A	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,2-Dichlorobenzene	3	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,2-Dichloroethane	0.6	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,2-Dichloropropane	1	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,3-Dichlorobenzene	3	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
1,4-Dichlorobenzene	3	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
2-Butanone	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
2-Hexanone	50[4]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
4-Methyl-2-pentanone	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Acetone	50[4]	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	5.8 J
Benzene	1	*5 U*	*5 U*	5.0 U	52	24	23	29	1.6 J	5 U	6.1	5 U	5 UJ	0.67 J	5 U	5 U
Bromodichloromethane	50[4]	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Bromoform	50[4]	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Bromomethane	5	5 U	5 UJ	5.0 UJ	5 U	5 UJ	5 UJ	5.0 UJ	5 U	5 UJ	5.0 UJ	5 U	5 UJ	5.0 UJ	5 U	5 UJ
Carbon Disulfide	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	0.76 J
Carbon Tetrachloride	5	5 U	5 U	5.0 UJ	5 U	5 U	5 U	5.0 UJ	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Chlorobenzene	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Chloroethane	5	5 U	5 UJ	5.0 U	5 UJ	5 UJ	5 UJ	5.0 U	5 U	5 UJ	5.0 U	5 U	5 UJ	5.0 U	5 U	5 UJ
Chloroform	7	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	1 J	5 U
Chloromethane	N/A	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
cis-1,2-Dichloroethene	5	5 U	5 U	5.0 U	1.1	5 U	5 U	2.4 J	96	22	[170]	5 U	5 UJ	5.0 U	5 U	5 U
cis-1,3-Dichloropropene	0.4[2]	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Cyclohexane	N/A	5 U	5 U	5.0 U	0.75 J	5 U	5 U	0.27 J	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Dibromochloromethane	50[4]	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Dichlorodifluoromethane	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Ethylbenzene	5	5 U	5 U	5.0 U	6.6	1.8 J	1.6 J	0.61 J	38	5 U	[190]	5 U	5 UJ	5.0 U	5 U	5 U
Isopropylbenzene	5	5 U	5 U	5.0 U	0.5 J	5 U	5 U	0.56 J	12	5 U	58	5 U	5 UJ	5.0 U	3.5 J	1.5 J
Methyl acetate	N/A	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Methylcyclohexane	N/A	10 U	10 U	10 U	2.2 J	10 U	10 U	10 U	9 J	10 U	60	10 U	0.53 J	10 U	10 U	10 U
Methyl-t-Butyl Ether (MTBE)	N/A	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Methylene chloride	5	5 U	5 UJ	5.0 UJ	5 UJ	5 UJ	5 UJ	5.0 UJ	5 U	5 UJ	5.0 UJ	5 U	5 UJ	5.0 UJ	5 U	5 UJ
Styrene	5	5 U	5 U	5.0 U	1.5 J	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Tetrachloroethene	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Toluene	5	5 U	5 U	5.0 U	18	5 U	5 U	5.0 U	0.79 J	5 U	3.6 J	5 U	0.56 J	5.0 U	0.44 J	5 U
trans-1,2-Dichloroethene	5	5 U	5 U	5.0 U	5 U	5 U	5 U	0.38 J	5.1	0.82 J	6.4	5 U	5 UJ	5.0 U	5 U	5 U
trans-1,3-Dichloropropene	0.4[2]	*5 U*	*5 U*	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Trichloroethene	5	5 U	5 U	5.0 UJ	5 U	5 U	5 U	5.0 UJ	57	38	6.2 J	5 U	5 UJ	5.0 UJ	5 U	5 U
Trichlorofluoromethane	5	5 U	5 U	5.0 UJ	5 U	5 U	5 U	5.0 UJ	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Trichlorotrifluoroethane (Freon 113)	5	5 U	5 U	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 UJ	5.0 U	5 U	5 U
Vinyl chloride	2	*5* U	*5* U	5.0 U	5 U	5 U	5 U	5.0 U	5.9	5 U	24	5 U	5 UJ	5.0 U	5 U	5 U
Xylene (total)	5[3]	15 U	15 U	15 U	13 J	2.4 J	1.3 J	1.1 J	25	15 U	100	15 U	15 UJ	15 U	15 U	15 U

Table 4
Groundwater Volatile Organic Compound Results
Canal Street, Rochester, New York

Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-5 A8B72701 9/23/2008 1x	MW-6 A6F53001 12/28/2006 1x	MW-6-FD A6F53004 12/28/2006 1x	MW-6 A7B81405 10/12/2007 1x	MW-6 A8B79408 9/24/2008 1x	FD-092408 (MW-6 DUP) A8B79408 9/24/2008 1x	MW-7 A6F53002 12/28/2006 1x	MW-8 A8B79405 9/24/2008 1x	MW-9 A8B79401 9/24/2008 1X [20X]	90 Canal St. Sump A8A62901 8/27/2008
TCL VOCs (ug/L)											
1,1,1-Trichloroethane	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,1,2,2-Tetrachloroethane	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,1,2-Trichloroethane	1	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,1-Dichloroethane	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,1-Dichloroethene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,2,4-Trichlorobenzene	5	5.0 U	5 U	5 U	5 UJ	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,2-Dibromo-3-chloropropane (DBCP)	0.04	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,2-Dibromoethane (EDB)	N/A	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,2-Dichlorobenzene	3	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,2-Dichloroethane	0.6	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	2.9 J	20 U
1,2-Dichloropropane	1	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,3-Dichlorobenzene	3	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
1,4-Dichlorobenzene	3	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
2-Butanone	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	12	40 U
2-Hexanone	50[4]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U
4-Methyl-2-pentanone	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U
Acetone	50[4]	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24	80 U
Benzene	1	5.0 U	5 U	5 U	1 J	5.0 U	5.0 U	5 U	0.53 J	[1400]	20 U
Bromodichloromethane	50[4]	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Bromoform	50[4]	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Bromomethane	5	5.0 U	5 U	5 U	5 UJ	5.0 UJ	5.0 UJ	5 U	5.0 UJ	5.0 UJ	20 U
Carbon Disulfide	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40 U
Carbon Tetrachloride	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Chlorobenzene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Chloroethane	5	5.0 U	5 U	5 U	5 UJ	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Chloroform	7	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Chloromethane	N/A	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
cis-1,2-Dichloroethene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	13	5.0 U	260
cis-1,3-Dichloropropene	0.4[2]	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Cyclohexane	N/A	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	[210]	20 U
Dibromochloromethane	50[4]	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Dichlorodifluoromethane	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Ethylbenzene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	[260]	20 U
Isopropylbenzene	5	1.2 J	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	23	20 U
Methyl acetate	N/A	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 UJ	10 U	10 U	40 U
Methylcyclohexane	N/A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	[130]	40 U
Methyl-t-Butyl Ether (MTBE)	N/A	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	130 J	20 U
Methylene chloride	5	5.0 UJ	5 UJ	5 UJ	5 UJ	5.0 UJ	5.0 UJ	5 UJ	5.0 UJ	5.0 UJ	20 UJ
Styrene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Tetrachloroethene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Toluene	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	[180]	20 U
trans-1,2-Dichloroethene	5	5.0 U	5 U	5 U	1.8 J	0.94 J	1.0 J	5 U	3.3 J	5.0 U	11 J
trans-1,3-Dichloropropene	0.4[2]	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Trichloroethene	5	5.0 UJ	2.4 J	2.3 J	1.1 J	1.6 J	1.7 J	5 U	5.0 UJ	5.0 UJ	19 J
Trichlorofluoromethane	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Trichlorotrifluoroethane (Freon 113)	5	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	20 U
Vinyl chloride	2	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	3.2 J	5.0 U	68
Xylene (total)	5[3]	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	[1500]	60 U

Table 4
Groundwater Volatile Organic Compound Results
Canal Street, Rochester, New York
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Footnotes:
(1) Division of Water Technical and Operational Guidance Series (1.1.1). Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998.
(2) Applies to the sum of cis- and trans-1,3-dichloropropene.
(3) Applies to o-, m-, and p-xylene separately.
(4) Guidance value

Notes:
- Shaded values indicate concentrations that exceed the TOGS Water Quality Standards.
- N/A - Data Not Available.
- "U" flagged constituents were *italicized* if the quantitation limit exceeded the TOGS Water Quality Standards.
***** indicate where reporting limit is greather than TOGS Water Quality Standards

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximateand may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the samples and meet quality control criteria.

Table 5
Groundwater Semivolatile Organic Compound Results
Canal Street, Rochester, New York

Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-1 A6F46701 12/26/2006 1x	MW-1 A7B81404 10/12/2007 10x	MW-1 A8B65301 9/22/2008 5X	MW-2 A6F46702 12/26/2006 1x	MW-2 A7B81401 10/12/2007 1x	MW-2-FD A7B81402 10/12/2007 1x	MW-2 A8B65302 9/22/2008 1x	MW-3 A6F49503 12/27/2006 1x	MW-3 A7B81407 10/11/2007 1x	MW-3 A8B79407 9/24/2008 1x	MW-4 A6F53003 12/28/2006 1x	MW-4 A7B81403 10/12/2007 1x	MW-4 A8B79402 9/24/2008 1x
TCL SVOCs (ug/L)														
2,4,5-Trichlorophenol	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10	10 UJ	10 U	11 U	9 UJ	12 U
2,4,6-Trichlorophenol	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10	10 UJ	10 U	11 U	9 UJ	12 U
2,4-Dichlorophenol	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10	10 UJ	10 U	11 U	9 UJ	12 U
2,4-Dimethylphenol	50[3]	9 U	*200 U*	50 U	9 U	10 U	9 U	10 U	10	10 UJ	10 U	11 U	9 UJ	12 U
2,4-Dinitrophenol	10[3]	*47 UJ*	*980 UJ*	250 UJ	47 UJ	49 UJ	47 UJ	53 UJ	50 UJ	50 UJ	53 UJ	56 U	47 UJ	61 UJ
2,4-Dinitrotoluene	5*	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10	10 UJ	10 U	11 U	9 UJ	12 U
2,6-Dinitrotoluene	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
2-Chloronaphthalene	10	9 U	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
2-Chlorophenol	N/A	9 U	200 UJ	50 U	9 U	10 UJ	9 UJ	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
2-Methyl naphthalene	N/A	9 UJ	200 U	50 U	3 J	0.9 J	0.6 J	10 U	3 J	10 UJ	7 J	11 U	9 UJ	12 U
2-Methylphenol	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
2-Nitroaniline	5	*47 U*	*980 U*	250 U	47 U	49 U	47 U	53 U	50 U	50 UJ	53 U	56 U	47 UJ	61 U
2-Nitrophenol	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
3,3'-Dichlorobenzidine	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
3-Nitroaniline	5	*47 U*	*980 U*	250 U	47 U	49 U	47 U	53 U	50 U	50 UJ	53 U	56 U	47 UJ	61 U
4,6-Dinitro-2-methylphenol	N/A	47 U	980 U	250 U	47 U	49 U	47 U	53 U	50 U	50 UJ	53 UJ	56 U	47 UJ	61 UJ
4-Bromophenyl phenyl ether	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
4-Chloro-3-methylphenol	N/A	9 U	200 U	50 R	9 U	10 U	9 U	10 R	10 U	10 UJ	10 U	11 U	9 UJ	12 U
4-Chloroaniline	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
4-Chlorophenyl phenyl ether	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
4-Methylphenol	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
4-Nitroaniline	5	*47 U*	*980 U*	250 UJ	47 U	49 U	47 U	53 UJ	50 U	50 UJ	53 U	56 U	47 UJ	61 U
4-Nitrophenol	N/A	47 U	980 U	250 R	47 U	49 U	47 U	53 R	50 U	50 UJ	53 R	56 U	47 UJ	61 R
Acenaphthene	20[3]	9 U	*200 UJ*	50 U	2 J	2 J	1 J	0.5 J	1 J	10 UJ	9 J	11 U	9 UJ	12 U
Acenaphthylene	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	1 J	10 UJ	7 J	11 U	9 UJ	12 U
Acetophenone	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Anthracene	50[3]	9 U	*200 U*	50 U	1 J	0.7 J	0.8 J	0.6 J	10 U	10 UJ	0.3 J	11 U	9 UJ	12 U
Atrazine	7.5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Benzaldehyde	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Benzo(a)anthracene	0.002[3]	*9 U*	10 J	50 U	9 U	0.2 J	0.2 J	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Benzo(a)pyrene	ND	9 U	10 J	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Benzo(b)fluoranthene	0.002[3]	*9 U*	17 J	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Benzo(ghi)perylene	N/A	9 U	8 J	50 U	9 U	10 UJ	9 UJ	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Benzo(k)fluoranthene	0.002[3]	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Biphenyl	5	*9 U*	*200 U*	50 U	0.6 J	0.4 J	0.2 J	0.5 J	3 J	10 UJ	15	11 U	9 UJ	12 U
bis(2-Chloroethoxy)methane	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
bis(2-Chloroethyl) ether	1	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
bis(2-Chloroisopropyl)ether	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10	10 UJ	10 U	11 U	9 UJ	12 U
bis(2-Ethylhexyl) phthalate	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Butyl benzyl phthalate	50[3]	9 U	*200 U*	50 U	9 U	9 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Caprolactam	N/A	47 U	980 U	250 U	47 U	49 U	47 U	53 U	50 U	50 UJ	53 U	56 U	47 UJ	61 U
Carbazole	N/A	9 U	200 U	50 U	1 J	0.7 J	0.8 J	0.9 J	10 U	10 UJ	0.2 J	11 U	9 UJ	12 U
Chrysene	0.002[3]	*9 U*	8 J	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Dibenzo(a,h)anthracene	N/A	9 U	200 U	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Dibenzofuran	N/A	9 U	200 U	50 U	1 J	0.8 J	0.7 J	0.6 J	10 U	10 UJ	0.3 J	11 U	9 UJ	12 U
Diethyl phthalate	50[3]	9 U	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	0.4 J	11 U	9 UJ	12 U

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Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-1 A6F46701 12/26/2006 1x	MW-1 A7B81404 10/12/2007 10x	MW-1 A8B65301 9/22/2008 5X	MW-2 A6F46702 12/26/2006 1x	MW-2 A7B81401 10/12/2007 1x	MW-2-FD A7B81402 10/12/2007 1x	MW-2 A8B65302 9/22/2008 1x	MW-3 A6F49503 12/27/2006 1x	MW-3 A7B81407 10/11/2007 1x	MW-3 A8B79407 9/24/2008 1x	MW-4 A6F53003 12/28/2006 1x	MW-4 A7B81403 10/12/2007 1x	MW-4 A8B79402 9/24/2008 1x
Dimethyl phthalate	50[3]	9 U	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Di-n-butylphthalate	50	9 U	*200 U*	50 U	9 U	0.3 J	9 U	10 U	0.6 J	10 UJ	10 U	11 U	0.3 J	12 U
Di-n-octyl phthalate	50[3]	9 U	*200 UJ*	50 U	9 U	10 UJ	9 UJ	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Fluoranthene	50[3]	9 U	14 J	50 U	2 J	1 J	1 J	1 J	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Fluorene	50[3]	9 U	*200 U*	50 U	2 J	1 J	1 J	0.8 J	10 U	10 UJ	1 J	11 U	9 UJ	12 U
Hexachlorobenzene	0.04	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Hexachlorobutadiene	0.5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Hexachlorocyclopentadiene	5	*9 U*	*200 U*	50 UJ	9 U	10 U	9 U	10 UJ	10 U	10 UJ	10 U	11 UJ	9 UJ	12 U
Hexachloroethane	5	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Indeno(1,2,3-cd)pyrene	0.002[3]	*9 U*	7 J	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Isophorone	50[3]	9 U	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Naphthalene	10[3]	9 U	*200 U*	50 U	68	4 J	2 J	7 J	33	10 UJ	100	11 U	9 UJ	12 U
Nitrobenzene	0.4	*9 U*	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
N-Nitrosodi-n-propylamine	N/A	9 U	200 UJ	50 U	9 U	10 UJ	9 UJ	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
N-Nitrosodiphenylamine	50[3]	9 U	*200 U*	50 U	9 U	10 U	9 U	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Pentachlorophenol	1[2]	*47 U*	*980 U*	250 UJ	47 U	49 U	47 U	53 UJ	50 U	50 UJ	53 UJ	56 U	47 UJ	61 UJ
Phenanthrene	50[3]	9 U	10 J	50 U	5 J	3 J	3 J	3 J	10 U	10 UJ	1 J	11 U	9 UJ	12 U
Phenol	1[2]	*9 U*	*200 UJ*	50 U	9 U	10 UJ	9 UJ	10 U	10 U	10 UJ	10 U	11 U	9 UJ	12 U
Pyrene	50[3]	9 U	13 J	50 U	1 J	0.8 J	1 J	0.5 J	10 U	10 UJ	10 U	11 U	9 UJ	12 U

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Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-5 A6F49502 12/27/2006 1x	MW-5 A7B81406 10/12/2007 1x	MW-5 A8B72701 9/23/2008 1x	MW-6 A6F53001 12/28/2006 1x	MW-6-FD A6F53004 12/28/2006 1x	MW-6 A7B81405 10/12/2007 1x	MW-6 A8B79408 9/24/2008 1x	FD-092408 (MW-6 DUP) A8B79408 9/24/2008 1x	MW-7 A6F53002 12/28/2006 1x	MW-8 A8B79405 9/24/2008 1x	MW-9 A8B79401 9/24/2008 1x	90 Canal St. Sump A8A62901 8/27/2008
TCL SVOCs (ug/L)													
2,4,5-Trichlorophenol	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2,4,6-Trichlorophenol	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2,4-Dichlorophenol	5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2,4-Dimethylphenol	50[3]	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	12	9 U
2,4-Dinitrophenol	10[3]	47 UJ	48 UJ	62 UJ	48 U	48 U	49	56 UJ	50 UJ	64 U	53 UJ	54 UJ	47 U
2,4-Dinitrotoluene	5*	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2,6-Dinitrotoluene	5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2-Chloronaphthalene	10	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2-Chlorophenol	N/A	9 U	10 UJ	12 U	10 U	10 U	10	11 U	10 U	13 U	11 U	11 U	9 U
2-Methyl naphthalene	N/A	9 UJ	2 J	0.4 J	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
2-Methylphenol	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	2 J	9 U
2-Nitroaniline	5	47 U	48 U	62 U	48 U	48 U	49 U	56 U	50 U	64 U	53 U	54 U	47 U
2-Nitrophenol	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
3,3'-Dichlorobenzidine	5	9 U	10 U	12 UJ	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
3-Nitroaniline	5	47 U	48 U	62 U	48 U	48 U	49 U	56 U	50 U	64 U	53 U	54 U	47 U
4,6-Dinitro-2-methylphenol	N/A	47 U	48 U	62 U	48 U	48 U	49 U	56 UJ	50 UJ	64 U	53 UJ	54 UJ	47 U
4-Bromophenyl phenyl ether	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
4-Chloro-3-methylphenol	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
4-Chloroaniline	5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
4-Chlorophenyl phenyl ether	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
4-Methylphenol	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	6 J	9 U
4-Nitroaniline	5	47 U	48 U	62 U	48 U	48 U	49 U	56 U	50 U	64 U	53 U	54 U	47 U
4-Nitrophenol	N/A	47 U	48 U	62 R	48 U	48 U	49 U	56 R	50 U	64 U	53 R	54 R	47 U
Acenaphthene	20[3]	5 J	4 J	2 J	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Acenaphthylene	N/A	9 U	10 U	12 U	10 U	10 U	10 UJ	11 U	10 U	13 U	11 U	11 U	9 U
Acetophenone	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	21	9 U
Anthracene	50[3]	9 U	0.4 U	0.2 J	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Atrazine	7.5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Benzaldehyde	N/A	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Benzo(a)anthracene	0.002[3]	9 U	10 U	12 U	10 U	10 U	0.3 J	11 U	10 U	13 U	11 U	11 U	9 U
Benzo(a)pyrene	ND	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Benzo(b)fluoranthene	0.002[3]	9 U	10 U	12 U	10 U	10 U	0.2 J	11 U	10 U	13 U	11 U	11 U	9 U
Benzo(ghi)perylene	N/A	9 U	10 UJ	12 U	10 U	10 U	0.4 J	11 U	10 U	13 U	11 U	11 U	9 U
Benzo(k)fluoranthene	0.002[3]	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Biphenyl	5	9 U	10 U	0.6 J	10 U	10 U	10 U	11 U	10 U	13 U	11 U	0.2 J	9 U
bis(2-Chloroethoxy)methane	5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	3 J	9 U
bis(2-Chloroethyl) ether	1	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
bis(2-Chloroisopropyl)ether	5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
bis(2-Ethylhexyl) phthalate	5	9 U	10 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Butyl benzyl phthalate	50[3]	9 U	9 U	12 U	10 U	10 U	10 U	11 U	10 U	13 U	11 U	11 U	9 U
Caprolactam	N/A	47 U	48 U	62 U	48 U	48 U	49 U	64 U	50 U	64 U	53 U	54 U	47 U
Carbazole	N/A	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Chrysene	0.002[3]	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Dibenzo(a,h)anthracene	N/A	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Dibenzofuran	N/A	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Diethyl phthalate	50[3]	9 U	10 U	0.6 J	10 U	10 U	10 U	13 U	10 U	13 U	0.5 J	0.6 J	9 U

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Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-5 A6F49502 12/27/2006 1x	MW-5 A7B81406 10/12/2007 1x	MW-5 A8B72701 9/23/2008 1x	MW-6 A6F53001 12/28/2006 1x	MW-6-FD A6F53004 12/28/2006 1x	MW-6 A7B81405 10/12/2007 1x	MW-6 A8B79408 9/24/2008 1x	FD-092408 (MW-6 DUP) A8B79408 9/24/2008 1x	MW-7 A6F53002 12/28/2006 1x	MW-8 A8B79405 9/24/2008 1x	MW-9 A8B79401 9/24/2008 1x	90 Canal St. Sump A8A62901 8/27/2008
Dimethyl phthalate	50[3]	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Di-n-butylphthalate	50	1 J	0.6 J	0.7 J	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	0.6 J
Di-n-octyl phthalate	50[3]	9 U	10 UJ	12 U	10 U	10 U	10 UJ	13 U	10 U	13 U	11 U	11 U	9 U
Fluoranthene	50[3]	9 U	10 U	12 U	10 U	10 U	0.6 J	13 U	10 U	13 U	11 U	11 U	9 U
Fluorene	50[3]	1 J	0.8 J	0.6 J	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Hexachlorobenzene	0.04	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Hexachlorobutadiene	0.5	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Hexachlorocyclopentadiene	5	9 U	10 U	12 U	10 UJ	10 UJ	10 U	13 UJ	10 U	13 UJ	11 U	11 U	9 U
Hexachloroethane	5	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Indeno(1,2,3-cd)pyrene	0.002[3]	9 U	10 U	12 U	10 U	10 U	0.2 J	13 U	10 U	13 U	11 U	11 U	9 U
Isophorone	50[3]	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Naphthalene	10[3]	1 J	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	3 J	9 U
Nitrobenzene	0.4	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
N-Nitrosodi-n-propylamine	N/A	9 U	10 UJ	12 U	10 U	10 U	10 UJ	13 U	10 U	13 U	11 U	11 U	9 U
N-Nitrosodiphenylamine	50[3]	9 U	10 U	12 U	10 U	10 U	10 U	13 U	10 U	13 U	11 U	11 U	9 U
Pentachlorophenol	1[2]	7 J	48 U	62 UJ	48 U	48 U	49 U	64 U	50 UJ	64 U	53 UJ	54 UJ	47 U
Phenanthrene	50[3]	0.9 J	0.4 J	0.7 J	10 U	10 U	10 U	13 U	10 U	13 U	11 U	0.3 J	9 U
Phenol	1[2]	9 U	10 UJ	12 U	10 U	10 U	10 UJ	13 U	10 U	13 U	11 U	60	9 U
Pyrene	50[3]	9 U	10 U	12 U	10 U	10 U	0.7 J	13 U	10 U	13 U	11 U	11 U	9 U

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Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-5 A7B81406 10/12/2007 1x	MW-5 A8B72701 9/23/2008 1x	MW-6 A6F53001 12/28/2006 1x	MW-6-FD A6F53004 12/28/2006 1x	MW-6 A7B81405 10/12/2007 1x	MW-6 A8B79408 9/24/2008 1x	FD-092408 (MW-6 DUP) A8B79408 9/24/2008 1x	MW-7 A6F53002 12/28/2006 1x	MW-8 A8B79405 9/24/2008 1x	MW-9 A8B79401 9/24/2008 1x	90 Canal St. Sump A8A62901 8/27/2008

Footnotes:
(1) Division of Water Technical and Operational Guidance Series (1.1.1). Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998.
(2) Applies to sum of phenolic compounds.
(3) Guidance value

Notes:
- Shaded values indicate concentrations that exceed the TOGS Water Quality Standards.
- N/A - Data Not Available.
- "U" flagged constituents were *italicized* if the quantitation limit exceeded the TOGS Water Quality Standards.
***** indicate where reporting limit is greather than TOGS Water Quality Standards

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the samples and meet quality control criteria.

Table 6
Groundwater Metals and Miscellaneous Parameter Results
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Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-1 A6F46701 12/26/2006 1x	MW-1 A7B81404 10/12/2007 1x [5x]	MW-1 A8B65301 9/22/2008 1x	MW-2 A6F46702 12/26/2006 1x	MW-2 A7B81401 10/12/2007 1x	MW-2-FD A7B81402 10/12/2007 1x	MW-2 A8B65302 9/22/2008 1x	MW-3 A6F49503 12/27/2006 1x	MW-3 A7B81407 10/11/2007 1x	MW-3 A8B79407 9/24/2008 1x	MW-4 A6F53003 12/28/2006 1x	MW-4 A7B81403 10/12/2007 1x	MW-4 A8B79402 9/24/2008 1x	MW-5 A6F49502 12/27/2006 1x	MW-5 A7B81406 10/12/2007 1x	MW-5 A8B72701 9/23/2008 1x
TAL METALS (ug/L)																	
Aluminum (Total)	N/A	655	117000	190 U	763	560	518	669	190	190	405	1480	19600	887	8840	16900	190 U
Aluminum (Dissolved)				190 U				190 U			258			190 U			190 U
Antimony (Total)	3	600 R	*600 U*	600 U	600 R	600 U	600 U	600 U	600 U	600 U	600 U	600 U	600 u	600 U	600 U	600 U	600 U
Antimony (Dissolved)				600 U				600 U			600 U			600 U			600 U
Arsenic (Total)	25	10 U	120	10.0 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	14.5	10.0 U	23.3	44.5	21.4
Arsenic (Dissolved)				10.0 U				10.0 U			10.0 U			10.0 U			10.0 U
Barium (Total)	1000	104	1630	223	93.2	102	107	98.2	48.3	63.5	222	136	397	201	300	819	580
Barium (Dissolved)				181				80.2			184			187			396
Beryllium (Total)	3	*5 U*	5	5.0 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U	5 U	5 U	5.0 U
Beryllium (Dissolved)				5.0 U				5.0 U			5.0 U			5.0 U			5.0 U
Cadmium (Total)	5	1 U	6.1	1.0 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1.0 U	1 U	1 U	1.0 U	1 U	1.3	1.0 U
Cadmium (Dissolved)				1.0 U				1.0 U			1.0 U			1.0 U			1.0 U
Calcium (Total)	N/A	114000	424000	160000	83600	80500	83800	80700	98300	91200	127000	91000	209000	143000	264000	329000	245000
Calcium (Dissolved)				166000				76800			127000			135000			233000
Chromium (Total)	50	10 U	180	10.0 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	40.1	10.0 U	19.5	43	10.0 U
Chromium (Dissolved)				10.0 U				10.0 U			10.0 U			10.0 U			10.0 U
Cobalt (Total)	N/A	50 U	66.2	50.0 U	50 U	50 U	50 U	50.0 U	50 U	50 U	50.0 U	50 U	50 U	50.0 U	50 U	50 U	50.0 U
Cobalt (Dissolved)				50.0 U				50.0 U			50.0 U			50.0 U			50.0 U
Copper (Total)	200	20 U	1970	20.0 U	20 U	20 U	20 U	20.0 U	20 U	20 U	20.0 U	20 U	41.4	20.0 U	20 U	45	20.0 U
Copper (Dissolved)				20.0 U				20.0 U			20.0 U			20.0 U			20.0 U
Iron (Total)	300[3]	11800	246000	18100	8850	7830	7770	6520	547	433	14800	1960	45100	1130	39500	47700	25200
Iron (Dissolved)				728				100 U			100 U			100 U			100 U
Lead (Total)	25	12.2	3940	4.3	16.2	11.8	12.1	14.6	3 U	3 U	3.0 U	6.6	89.8	3.0 U	44.8	112	3.0 U
Lead (Dissolved)				3.0 U				3.0 U			3.0 U			3.0 U			3.0 U
Magnesium (Total)	35000[2]	24100	165000	24800	38200	35800	37500	37300	33300	24400	44900	184000	82800	54300	103000	124000	67400
Magnesium (Dissolved)				26200				36600			45800			50900			63900
Manganese (Total)	300[3]	382	4080	469	740	604	604	436	667	15 U	321	490	2590	113	1400	1540	1090
Manganese (Dissolved)				494				388			293			15.0 U			1000
Mercury (Total)	0.7	0.3 U	[20.8]	0.300 U	0.3 U	0.3 U	0.3 U	0.300 U	0.3 U	0.3 U	0.300 U	0.3 U	0.3 U	0.300 U	0.3 U	0.3 U	0.300 U
Mercury (Dissolved)				0.300 U				0.300 U			0.300 U			0.300 U			0.300 U
Nickel (Total)	100	40 U	154	40.0 U	40 U	40 U	40 U	40.0 U	40 U	40 U	40.0 U	40 U	40 U	40.0 U	40 U	40 U	40.0 U
Nickel (Dissolved)				40.0 U				40.0 U			40.0 U			40.0 U			40.0 U
Potassium (Total)	N/A	8720	25500	8730	10700	12200	12800	13800	7480	6090	9150	7380	11700	7730	11800	11600	7100
Potassium (Dissolved)				9270				14200			9190			7150			6080
Selenium (Total)	10	6.1 U	6.2	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	7.0	6.1 U	6.1 U	6.1 U
Selenium (Dissolved)				6.1 U				6.1 U			6.1 U			6.1 U			6.8
Silver (Total)	50	10 U	10.4	10.0 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U
Silver (Dissolved)				10.0 U				10.0 U			10.0 U			10.0 U			10.0 U
Sodium (Total)	20000	58900	44700	46600	49700	65600	70100	53800	11700	9840	14300	7110	9570	8260	17500	22100	22600
Sodium (Dissolved)				47900				55100			14900			7830			21200
Thallium (Total)	0.5[2]	*10 U*	*10 U*	10.0 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U	10 U	10 U	10.0 U
Thallium (Dissolved)				10.0 U				10.0 U			10.0 U			10.0 U			10.0 U
Vanadium (Total)	N/A	50 U	217	50.0 U	50 U	50 U	50 U	50.0 U	50 U	50 U	50.0 U	50 U	50 U	50.0 U	50 U	50 U	50.0 U
Vanadium (Dissolved)				50.0 U				50.0 U			50.0 U			50.0 U			50.0 U
Zinc (Total)	2000[2]	30.8	3990	123	20 U	20 U	20 U	20.0 U	20 U	20 U	20.0 U	32	126	20.0 U	115	251	20.0 U
Zinc (Dissolved)				88.9				20.0 U			20.0 U			20.0 U			20.0 U
Miscellaneous Parameters																	
Cyanide (Total)	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table 6
Groundwater Metals and Miscellaneous Parameter Results
Canal Street, Rochester, New York

Sample ID Lab Sample ID Date Sampled Dilution Factor	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards (ug/L)[1]	MW-6 A6F53001 12/28/2006 1x	MW-6-FD A6F53004 12/28/2006 1x	MW-6 A7B81405 10/12/2007 1x	MW-6 A8B79408 9/24/2008 1x	FD-092408 (MW-6 DUP) A8B79408 9/24/2008 1x	MW-7 A6F53002 12/28/2006 1x	MW-8 A8B79405 9/24/2008 1x	MW-9 A8B79401 9/24/2008 1X [20X]	90 Canal St. Sump A8A62901 8/27/2008
TAL METALS (ug/L)										
Aluminum (Total)	N/A	190	190	4190	190 U	190 U	190	190 U	67500	1320
Aluminum (Dissolved)					190 U	190 U		190 U	190 U	
Antimony (Total)	3	600 U	600 U	600 U	600 U	600 U	600 U	600 U	600 U	600 U
Antimony (Dissolved)					600 U	600 U		600 U	600 U	
Arsenic (Total)	25	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10.0 U	45.8	13
Arsenic (Dissolved)					10.0 U	10.0 U		10.0 U	10.0 U	
Barium (Total)	1000	61.9	62	128	92.9	91.4	68.2	292	499	455
Barium (Dissolved)					78.2	75.8		208	78.8	
Beryllium (Total)	3	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	5 U
Beryllium (Dissolved)					5.0 U	5.0 U		5.0 U	5.0 U	
Cadmium (Total)	5	1 U	1 U	1 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U
Cadmium (Dissolved)					1.0 U	1.0 U		1.0 U	1.0 U	
Calcium (Total)	N/A	57500	57500	88200	72800	71900	138000	195000	742000	117000
Calcium (Dissolved)					72500	70500		184000	35400	
Chromium (Total)	50	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10.0 U	121	10 U
Chromium (Dissolved)					10.0 U	10.0 U		10.0 U	10.0 U	
Cobalt (Total)	N/A	50 U	50 U	50 U	50.0 U	50.0 U	50 U	50.0 U	50.0 U	50 U
Cobalt (Dissolved)					50.0 U	50.0 U		50.0 U	50.0 U	
Copper (Total)	200	20 U	20 U	20 U	20.0 U	20.0 U	20 U	20.0 U	190	46.7
Copper (Dissolved)					20.0 U	20.0 U		20.0 U	20.0 U	
Iron (Total)	300[3]	100 U	100 U	9920	2740	2640	559	21100	128000	3950
Iron (Dissolved)					100 U	100 U		208	100 U	
Lead (Total)	25	3 U	3 U	23.7	3.0 U	3.0 U	3 U	3.0 U	830	545
Lead (Dissolved)					3.0 U	3.0 U		3.0 U	3.0 U	
Magnesium (Total)	35000[2]	221000	219000	218000	194000	191000	25800	51500	344000	32600
Magnesium (Dissolved)					197000	190000		50500	19200	
Manganese (Total)	300[3]	22.1	22.5	172	42.3	41.7	854	1490	4450	155
Manganese (Dissolved)					40.9	40.6		1420	129	
Mercury (Total)	0.7	0.3 U	0.3 U	0.3 U	0.300 U	0.300 U	0.3 U	0.300 U	0.300 U	0.3 U
Mercury (Dissolved)					0.300 U	0.300 U		0.300 U	0.300 U	
Nickel (Total)	100	40 U	40 U	40 U	40.0 U	40.0 U	40 U	40.0 U	112	40 U
Nickel (Dissolved)					40.0 U	40.0 U		40.0 U	40.0 U	
Potassium (Total)	N/A	10400	10400	13300	12200	12000	6330	14900	40200	12200
Potassium (Dissolved)					12000	11700		14100	26900	
Selenium (Total)	10	6.1 U	9.6	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U
Selenium (Dissolved)					6.1 U	6.1 U		6.1 U	6.1 U	
Silver (Total)	50	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U
Silver (Dissolved)					10.0 U	10.0 U		10.0 U	10.0 U	
Sodium (Total)	20000	61800	61800	75500	76600	75400	13300	100000	265000	87600
Sodium (Dissolved)					76900	75600		96700	300000	
Thallium (Total)	0.5[2]	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10.0 U	10.0 U	10 U
Thallium (Dissolved)					10.0 U	10.0 U		10.0 U	10.0 U	
Vanadium (Total)	N/A	50 U	50 U	50 U	50.0 U	50.0 U	50 U	50.0 U	130	50 U
Vanadium (Dissolved)					50.0 U	50.0 U		50.0 U	50.0 U	
Zinc (Total)	2000[2]	20 U	20 U	66.1	20.0 U	20.0 U	29.1	20.0 U	587	158
Zinc (Dissolved)					20.0 U	20.0 U		20.0 U	20.0 U	
Miscellaneous Parameters										
Cyanide (Total)	200	10 U	25.5	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table 6
Groundwater Metals and Miscellaneous Parameter Results
Canal Street, Rochester, New York
Page 3 of 3

Footnotes:
(1) Division of Water Technical and Operational Guidance Series (1.1.1). Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998.
(2) Guidance value
(3) Standard for total iron and manganese is 500 ug/L.

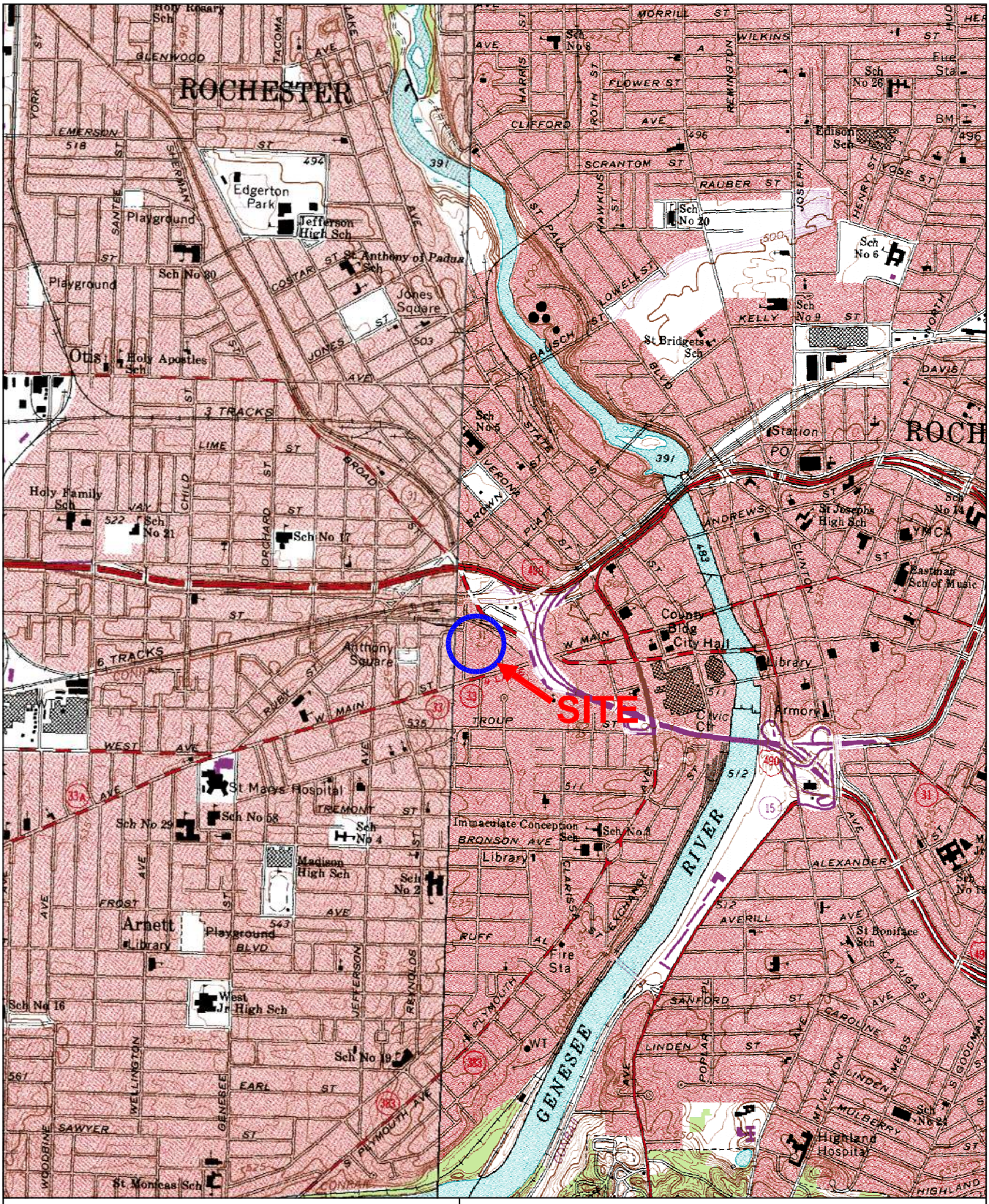
Notes:
- Shaded values indicate concentrations that exceed the TOGS Water Quality Standards.
- N/A - Data Not Available.

Data Qualifiers:
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J = The analyte was identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = The analyte was not detected above the reported sample quantitation limit. However the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria.

Table 7
Groundwater Well Data
Canal Street, Rochester, New York

Well ID	Depth of Well (ft)	Screen Interval (ft)	Ground Surface Elevation (ft)	PVC Riser Elevation (ft)	Bedrock Elevation (ft)	Static Depth to Water (TOR-ft) 12/18/2006	Groundwater Elevation (ft) 12/18/2006	Static Depth to Water (TOR-ft) 10/11/2007	Groundwater Elevation (ft) 10/11/2007	Static Depth to Water (TOR-ft) 9/22/08	Groundwater Elevation (ft) 9/22/08
MW-1	9.5	2.5 - 7.5	514.07	513.77	504.6	5.23	508.54	6.86	506.91	6.25	507.52
MW-2	17	5.0 - 15.0	512.75	512.53	495.8	10.06	502.47	10.19	502.34	10.16	502.37
MW-3	13.1	3.0 - 11.1	513.57	516.59	500.5	11.84	504.75	11.98	504.61	12.11	504.48
MW-4	15	4.0 - 13.0	513.10	515.90	498.1	16.04	499.86	15.75	500.15	15.65	500.25
MW-5	15.5	4.5 - 13.5	514.23	514.05	498.7	9.68	504.37	11.42	502.63	10.77	503.28
MW-6	12.5	4.5 - 10.5	511.80	511.67	499.3	6.11	505.56	7.25	504.42	6.96	504.71
MW-7	14.5	7.0 - 12.5	514.59	514.49	500.1	11.83	502.66	12.1	502.39	12.04	502.45
MW-8	12	3.0 - 12.0	513.02	512.69	504.02	N/A	N/A	N/A	N/A	5.76	506.93
MW-9	8.5	2.0 - 8.5	513.89	513.53	508.39	N/A	N/A	N/A	N/A	7.13	506.40

Notes:
N/A - Groundwater elevations not measured - wells MW-8 and MW-9 were created in 2008.



N
W E
S

U.S.G.S. QUADRANGLE: ROCHESTER, WEST

HALEY & ALDRICH

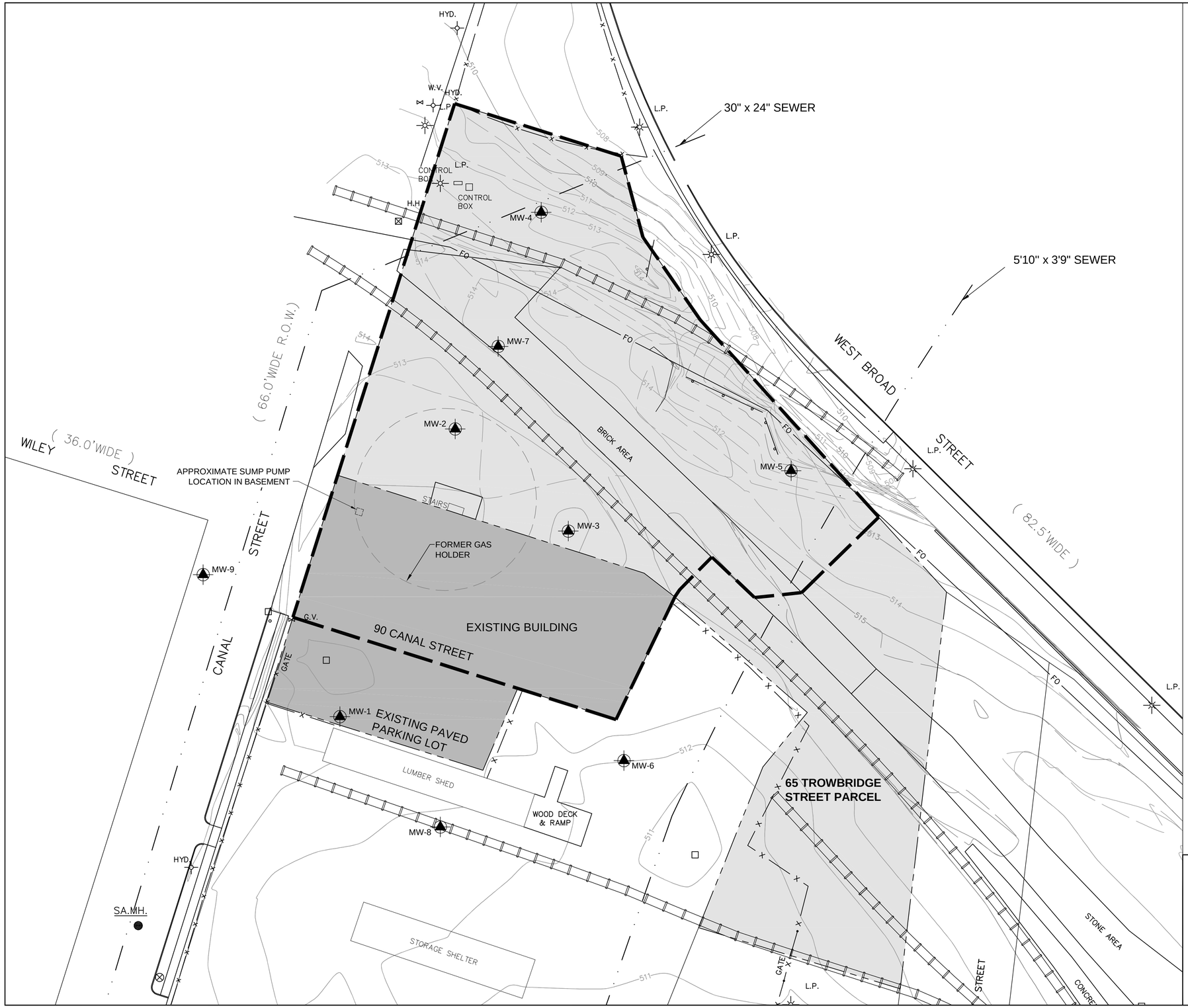
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

PROJECT LOCUS

SCALE: 1:24000
FEBRUARY 2009

FIGURE 1

G:\PROJECTS\33879\003 REPORT W DUS\RDRAWINGS\33879-003-LOCUS.DWG



LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- SEWER LINE
- —F.O.— FIBER OPTIC LINE
- —X— FENCE LINE
- HYD HYDRANT
- LP LIGHT POLE

NOTES:

1. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING AND FISHER ASSOCIATES.
2. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.

N
W E
S

0 30 60 90 120

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SITE FEATURES

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 2A

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\SITE FEATURES V5.DWG

LEGEND:

- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- FORMER RAILROAD
- PARCEL BOUNDARY LINE
- FENCE LINE
- FORMER STRUCTURE

CONTROL BOX

CONTROL BOX

MW-4

PRESUMED FORMER GAS PLANT BUILDINGS

WEST BROAD STREET

(66.0'WIDE R.O.W.)

MW-7

FORMER RAILROAD

MW-2

BRICK AREA

MW-5

(66.0'WIDE)

STREET

APPROXIMATE SUMP PUMP LOCATION IN BASEMENT

STAIRS

MW-3

(82.5'WIDE)

FORMER GAS HOLDER

STREET

MW-9

EXISTING BUILDING

90 CANAL STREET

CANAL

GATE

FORMER GAS PLANT BUILDINGS

MW-1

EXISTING PAVED PARKING LOT

MW-6

LUMBER SHED

65 TROWBRIDGE STREET PARCEL

WOOD DECK & RAMP

MW-8

STONE AREA

STORAGE SHELTER

GATE

STREET

CONCRETE

N

W E

S

0 60 120

SCALE IN FEET

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SITE LAYOUT WITH SELECTED HISTORICAL FEATURES

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 2B

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\33879-HISTORIC_SITEPLAN.DWG

30" x 24" SEWER

5'10" x 3'9" SEWER

WEST BROAD STREET

WILEY STREET (36.0'WIDE)

CANAL STREET (66.0'WIDE R.O.W.)

(82.5'WIDE)

90 CANAL STREET

EXISTING BUILDING

65 TROWBRIDGE STREET PARCEL

EXISTING PAVED PARKING LOT

FORMER GAS HOLDER

BRICK AREA

LUMBER SHED

WOOD DECK & RAMP

STORAGE SHELTER

STAIRS

STONE AREA

CONCRETE

GATE

FO

CONTROL BOX

APPROXIMATE SUMP PUMP LOCATION IN BASEMENT

LATH
Approx. CL of holder wall
ELEV @ GRND=513.1

LATH
TP-1
ELEV @
GRND=512.6

LATH
TP-4
ELEV @
GRND=512.7

LATH
TP-3
ELEV @
GRND=513.0

SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, SB-7, SB-8, SB-9, SB-10, SB-11, SB-12, SB-13, SB-14, SB-15, SB-16, SB-17, SB-19, SB-20, SB-21

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9

TP-1, TP-2

A, A', B, B', C, C', D, D', E, E', F, F', G, G'

LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- SEWER LINE
- —F.O.— FIBER OPTIC LINE
- —X— FENCE LINE

NOTES:

1. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING AND FISHER ASSOCIATES.
2. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.

N
W E
S

0 30 60 90 120
SCALE IN FEET

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SITE INVESTIGATION LOCATIONS

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 3

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\SECTION LINES_R6.DWG

DESCRIPTION AND CLASSIFICATION OF ROCK

ROCK DESCRIPTIONS NOTED ON THE CORE BORING REPORTS ARE BASED ON MANUAL–VISUAL EXAMINATION OF CORE SAMPLES. THE CRITERIA, TERMS AND DEFINITIONS ARE LISTED BELOW.

FIELD HARDNESS: A MEASURE OF RESISTANCE TO SCRATCHING.

VERY HARD	VH	CANNOT BE SCRATCHED WITH A KNIFE OR SHARP PICK. BREAKING OF HAND SPECIMENS REQUIRES SEVERAL HARD BLOWS OF GEOLOGIST'S PICK.
HARD	H	CAN BE SCRATCHED WITH KNIFE OR PICK ONLY WITH DIFFICULTY. HARD BLOW OF HAMMER REQUIRED TO DETACH HAND SPECIMEN.
MODERATELY HARD	MH	CAN BE SCRATCHED WITH KNIFE OR PICK. GOUGES OR GROOVES TO 1/4 IN. DEEP CAN BE EXCAVATED BY HARD BLOW OF POINT OF A GEOLOGIST'S PICK. HAND SPECIMENS CAN BE DETACHED BY MODERATE BLOW.
MEDIUM	M	CAN BE GROOVED OR GOUGED 1/16 IN. DEEP BY FIRM PRESSURE ON KNIFE OR PICK POINT. CAN BE EXCAVATED IN SMALL CHIPS TO PIECES ABOUT 1 IN. MAXIMUM SIZE BY HARD BLOWS OF THE POINT OF A GEOLOGIST'S PICK.
SOFT	S	CAN BE GOUGED OR GROOVED READILY WITH KNIFE OR PICK POINT. CAN BE EXCAVATED IN CHIPS TO PIECES SEVERAL INCHES IN SIZE BY MODERATE BLOWS OF A PICK POINT. SMALL THIN PIECES CAN BE BROKEN BY FINGER PRESSURE.
VERY SOFT	VS	CAN BE CARVED WITH KNIFE. CAN BE EXCAVATED WITH POINT OF PICK. PIECES 1 IN. OR MORE IN THICKNESS CAN BROKEN WITH FINGER PRESSURE. CAN BE SCRATCHED READILY BY FINGERNAIL.

WEATHERING OF ROCK MASS:

FRESH	FR	NO VISIBLE SIGN OF ROCK MATERIAL WEATHERING: PERHAPS SLIGHT DISCOLORATION ON MAJOR DISCONTINUITY SURFACES.
SLIGHTLY WEATHERED	SW	DISCOLORATION INDICATES WEATHERING OF ROCK MATERIAL AND DISCONTINUITY SURFACES. ALL THE ROCK MATERIAL MAY BE DISCOLORED BY WEATHERING AND MAY BE SOMEWHAT WEAKER EXTERNALLY THAN IN ITS FRESH CONDITION.
MODERATELY WEATHERED	MW	LESS THAN HALF OF THE ROCK MATERIAL IS DECOMPOSED AND/OR DISINTEGRATED TO SOIL. FRESH OR DISCOLORED ROCK IS PRESENT EITHER AS A CONTINUOUS FRAMEWORK OR AS CORESTONES.
HIGHLY WEATHERED	HW	MORE THAN HALF OF THE ROCK MATERIAL IS DECOMPOSED AND/OR DISINTEGRATED TO A SOIL. FRESH OR DISCOLORED ROCK IS PRESENT EITHER AS A DISCONTINUOUS FRAMEWORK OR AS CORESTONES.
SAPROLITE (COMPLETELY WEATHERED)	CW	ALL ROCK MATERIAL IS DECOMPOSED AND/OR DISINTEGRATED TO SOIL. THE ORIGINAL MASS STRUCTURE IS STILL LARGELY INTACT.
RESIDUAL SOIL	RS	ALL ROCK MATERIAL IS CONVERTED TO SOIL. THE MASS STRUCTURE AND MATERIAL FABRIC ARE DESTROYED. THERE IS A LARGE CHANGE IN VOLUME BUT THE SOIL HAS NOT BEEN SIGNIFICANTLY TRANSPORTED.

COLOR: ROCK COLOR IS DESCRIBED IN BASIC TERMS SUCH AS BROWN, RED–BROWN, GRAY, GREEN GRAY, AND WHITE. THESE TERMS ARE OFTEN GIVEN MODIFIERS SUCH AS LIGHT GRAY OR DARK GRAY.

TEXTURE:

APHANITIC	GRAINS NOT INDIVIDUALLY VISIBLE TO THE UNAIDED EYE.
FINE–GRAINED	GRAINS BARELY VISIBLE TO THE UNAIDED EYE, UP TO 1/16 INCH IN DIAMETER.
MEDIUM–GRAINED	GRAINS BETWEEN 1/16 AND 3/16 INCH IN DIAMETER.
COARSE–GRAINED	GRAINS BETWEEN 3/16 AND 1/4 INCH IN DIAMETER.
VERY COARSE–GRAINED	GRAINS LARGER THAN 1/4 INCH IN DIAMETER.

BEDDING OR FOLIATION:

TERM	INCHES
LAMINAE	LESS THAN 1/16
EXTREMELY THIN	1/16–3/4
VERY THIN	3/4 to 2–1/2
THIN	2–1/2 to 8
MEDIUM	8–24
THICK	24–80
VERY THICK	80–240
MASSIVE	> 240
OCCASIONAL	OCCURRING ONCE OR LESS PER FOOT.
FREQUENT	OCCURRING MORE THAN ONCE PER FOOT.
INTERBEDDED	ALTERNATING MATERIALS OF DIFFERING COMPOSITION VARYING IN THICKNESS IN APPROXIMATELY EQUAL AMOUNTS.

DISCONTINUITIES:

EF APPEARS IN THE FRACTURES/FT COLUMN WHERE THERE IS A FRACTURED ZONE AT LEAST 8 INCHES IN LENGTH. FRACTURED ZONES SHORTER THAN 8 INCHES ARE COUNTED AS JOINTS IN THE FRACTURES/FT COLUMN. ASTERISKS ACCOMPANY NUMBERS IN THE FRACTURES/FT COLUMN WHERE THERE ARE FRACTURED ZONES AS WELL AS SINGLE JOINTS COUNTED IN ONE FOOT. TEXT NOTES AT CORRESPONDING DEPTHS ARE MARKED WITH ASTERISKS.

SPACING:

TERM	ABBREVIATION	INCHES
EXTREMELY CLOSE	EC	< 3/4
VERY CLOSE	VC	3/4 to 2–1/2
CLOSE	C	2–1/2 to 8
MODERATE	M	8 to 24
WIDE	W	24 to 80
VERY WIDE	VW	80 to 240
EXTREMELY WIDE	EW	>240

TYPE	ABBREVIATION	DESCRIPTION
JOINT	J	A NATURAL FRACTURE ALONG WHICH NO DISPLACEMENT HAS OCCURED. MAY OCCUR IN PARALLEL GROUPS CALLED SETS.
SHEAR	S	A NATURAL FRACTURE ALONG WHICH DIFFENTIAL MOVEMENT HAS OCCURED. MAY BE SLICKENSIDED OR STRIATED.
FAULT	F	A NATURAL FRACTURE ALONG WHICH DISPLACEMENT HAS OCCURRED. USUALLY LINED WITH GOUGE AND SLICKENSIDES.
BEDDING JOINT	BJ	JOINTS WHICH OCCUR ALONG BEDDING PLANES.
CLEAVAGE JOINT	CJ	JOINTS WHICH OCCUR ON THE SAME PLANE AS THE CLEAVAGE OF THE ROCK MASS.
SHEAR ZONE	SZ	ZONE OF FRACTURED ROCK AND GOUGE BORDERING THE DISPLACEMENT PLANE.

NOTE: SHEAR ZONES ARE OFTEN DESCRIBED WITHIN THE VISUAL DESCRIPTION AND REMARKS COLUMN ON THE CORE BORING REPORT.

FRACTURES PER FOOT: NUMBER OF NATURALLY OCCURING FRACTURES PER FOOT OF ROCK CORE PRIOR TO REMOVAL OF ROCK FROM THE CORE BARREL. THIS DOES NOT INCLUDE HEALED DISCONTINUITIES.

DIP:

TERM	ABBREVIATION	ANGLE (DEGREES)
HORIZONTAL	H	0–5
LOW ANGLE	LA	5–35
MODERATELY DIPPING	MD	35–55
HIGH ANGLE	HA	55–85
VERTICAL	V	85–90

ROUGHNESS: OF DISCONTINUITY SURFACE.

INTERMEDIATE SCALE	ABBREVIATION	SMALL SCALE	ABBREVIATION
STEPPED	S	ROUGH	R
UNDULATING	U	SMOOTH	Sm
PLANAR	P	SLICKENSIDED	K
COULD NOT BE DETERMINED	X	COULD NOT BE DETERMINED	X

WEATHERING OF DISCONTINUITY SURFACES:

TYPE	ABBREVIATION	DESCRIPTION
FRESH	FR	NO VISIBLE SIGN OF WEATHERING OF THE ROCK MATERIAL.
DISCOLORED	DS	THE COLOR OF THE ORIGINAL FRESH ROCK MATERIAL IS CHANGED. THE DEGREE OF CHANGE FROM THE ORIGINAL COLOR SHOULD BE INDICATED. IF THE COLOR CHANGE IS CONFINED TO PARTICULAR MINERAL CONSTITUENTS THIS SHOULD BE DOCUMENTED ON LOGS.
DECOMPOSED	DE	THE ROCK IS WEATHERED TO THE CONDITION OF A SOIL IN WHICH THE ORIGINAL MATERIAL FABRIC IS STILL INTACT, BUT SOME OR ALL OF THE MINERAL GRAINS ARE DECOMPOSED.
DISINTEGRATED	DG	THE ROCK IS WEATHERED TO THE CONDITION OF A SOIL IN WHICH THE ORIGINAL FABRIC IS STILL INTACT. THE ROCK IS FRIABLE, BUT THE MINERAL GRAINS ARE NOT DECOMPOSED.

DISCONTINUITY INFILLING:

TERM	ABBREVIATION
CLAY	CL
SILT	SI
CALCITE	CA
QUARTZ	QZ
CHLORITE	CH
IRON OXIDE STAINING	FE
COULD NOT BE DETERMINED	X

SOLUTION CAVITIES:

TERM	Size
PIT	BARELY VISIBLE – 0.25 in.
VUG	0.25 – 2 in.
CAVITY	2 – 24 in.
CAVE	> 24 in.

LITHOLOGY: MUDSTONE, SILTSTONE, SANDSTONE, CLAYSTONE, ETC.

GENERAL NOTES

1. USE OF A DASH WITH DESCRIPTIVE ABBREVIATIONS (I.E., MH–VS) INDICATES A RANGE IN THE PHYSICAL PROPERTIES (I.E., MODERATELY HARD TO VERY SOFT).
2. A SOLID LINE INDICATES A WELL–DEFINED ABRUPT LITHOLOGIC (ROCK TYPE) CHANGE. A DASHED LINE INDICATES A POORLY DEFINED, GRADATIONAL LITHOLOGIC CHANGE.
3. DESCRIPTIVE TERMINOLOGY ARE GENERALIZED TO DESCRIBE THE AVERAGE CONDITION OF THE ROCK. PORTIONS OF THE ROCK DESCRIBED MAY VARY FROM THE GENERALIZED DESCRIPTION.
4. RQD REFERS TO THE ROCK QUALITY DESIGNATION WHICH IS A MODIFIED CORE RECOVERY PERCENTAGE IN WHICH ALL PIECES OF SOUND CORE OVER 4 INCHES LONG ARE SUMMED AND DIVIDED BY THE LENGTH OF THE CORE RUN. CORE THAT HAS BEEN DESCRIBED AS HIGHLY OR COMPLETELY WEATHERED OR RESIDUAL SOIL WAS NOT INCLUDED IN THE RQD DETERMINATION.

   IF THE ROCK CORE IS BROKEN BY HANDLING OR DRILLING PROCEDURES, THE PIECES ARE FITTED TOGETHER AND ARE COUNTED AS ONE PIECE PROVIDED THEY CONSTITUTE THE MINIMUM 4 INCH LENGTH. WHERE THE RECOVERY FOR A CORE RUN IS GREATER THAN 100%, RQD VALUES ARE ADJUSTED ACCORDINGLY TO ACCOUNT FOR THE PORTION OF THE CORE RUN LEFT IN THE HOLE FROM THE PREVIOUS CORE RUN. ALL LENGTH DETERMINATIONS ARE MEASURED DOWN THE CENTERLINE OF THE CORE.

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE EXPLORATION
KEY FOR ROCK

SCALE: NONE
FEBRUARY 2009

FIGURE 4A

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG

IDENTIFICATION AND DESCRIPTION OF SOIL MATERIALS

Soil description on logs of subsurface explorations are based on Standard Penetration Test results, visual–manual examination of exposed soil and soil samples, and the results of laboratory tests on selected samples. The criteria, descriptive terms and definitions are as follows:

DENSITY OR CONSISTENCY

Density of Cohesionless Soils	Penetration Resistance (Blows per ft.)	Consistency of Cohesive Soils	Penetration Resistance (Blows per ft.)
Very Loose	0–4	Very Soft	0–2
Loose	5–10	Soft	3–4
Medium	11–30	Medium	5–8
Dense	31–50	Stiff	9–15
Very Dense	over 50	Very Stiff	16–30
		Hard	over 30

PENETRATION RESISTANCE

Standard Penetration Test (ASTM D–1586) – Number of blows required to drive a standard 2 in. O.D. split spoon sampler 1 ft. with a 140 lb. weight falling freely through 30 in.

COLOR: Basic colors and combinations: black, brown, gray, yellow–brown, etc.

SUPPLEMENTAL SOIL TERMINOLOGY:

Lamina	– 0 to 1/16 in. thick (cohesive)
Parting	– 0 to 1/16 in. thick (granular)
Seam	– 1/16 to 1/2 in. thick
Layer	– 1/2 to 12 in. thick
Stratum	– > 12 in. thick
Pocket	– Small, erratic deposit less than 12 in. size
Lens	– Lenticular deposit larger than a pocket
Occasional	– One or less per 12 in. of thickness
Frequent	– More than one per 12 in. of thickness
Interbedded	– Alternating soil layers of differing composition
Varved	– Alternating thin seams of silt and clay
Mottled	– Variation of color

GEOLOGIC INTERPRETATION

Deposit type – GLACIAL TILL, ALLUVIUM, FILL.....

The natural soils are identified by criteria of Unified Soil Classification System (USCS), with appropriate group symbol in parenthesis for each soil description. Fill materials may not be classified by USCS criteria.

U.S. Standard Series Seive							Clear Square Sieve Openings
12"	3"	3/4"	4	10	40	200	
Boulders	Cobbles	Gravel		Sand			Silts and Clays
		Coarse	Fine	Coarse	Medium	Fine	
305 mm	76 mm	19 mm	4.75 mm	2.00 mm	0.43 mm	0.074 mm	

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			Group Symbol	Graphic Symbol	TYPICAL NAMES
Coarse grained soils: more than half is larger than number 200 sieve	Gravels More than half of coarse fraction is larger than number 4 sieve	Gravels with little or no fines	GW		Well graded gravels, gravel–sand mixtures
			GP		Poorly graded gravels, gravel–sand mixtures
		Gravels with over 12% fines	GM		Silty gravels, poorly graded gravel–sand–silt mixtures
			GC		Clayey gravels, poorly graded gravel–sand–clay mixtures
	Sands More than half of coarse fraction is smaller than number 4 sieve	Sands with little or no fines	SW		Well graded sands, gravelly sands
			SP		Poorly graded sands, gravelly sands
		Sands with over 12% fines	SM		Silty sands, poorly graded sand–silt mixtures
			SC		Clayey sands, poorly graded sand–clay mixtures
Fined–grained soils: more than half smaller than number 200 sieve	Silts and Clays Liquid limit 50% or less		ML		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL		Organic clays and organic silty clays of low plasticity
	Silts and Clays Liquid limit greater than 50%		MH		Inorganic silty, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH		Inorganic clays of high plasticity, fat clays
			OH		Organic clays of medium to high plasticity, organic silts
Highly organic soils			PT		Peat and other highly organic soils

GENERAL NOTES

1. Logs of subsurface explorations depict soil and groundwater conditions only at the locations specified on the dates indicated. Subsurface conditions may vary at other locations and at other times.
2. Water levels noted on the logs were measured at the times and under the conditions indicated. During test borings, these water levels could have been affected by the introduction of water into the borehole, extraction of tools on other procedures and thus may not reflect actual groundwater level at the test boring location. Groundwater level fluctuations may also occur as a result of variations in precipitation, temperature, season, tides, adjacent construction activities and pumping of water supply wells and construction dewatering systems.

GENERAL LEGEND

BEDROCK

WEATHERED BEDROCK

CONCRETE

HALEY & ALDRICH

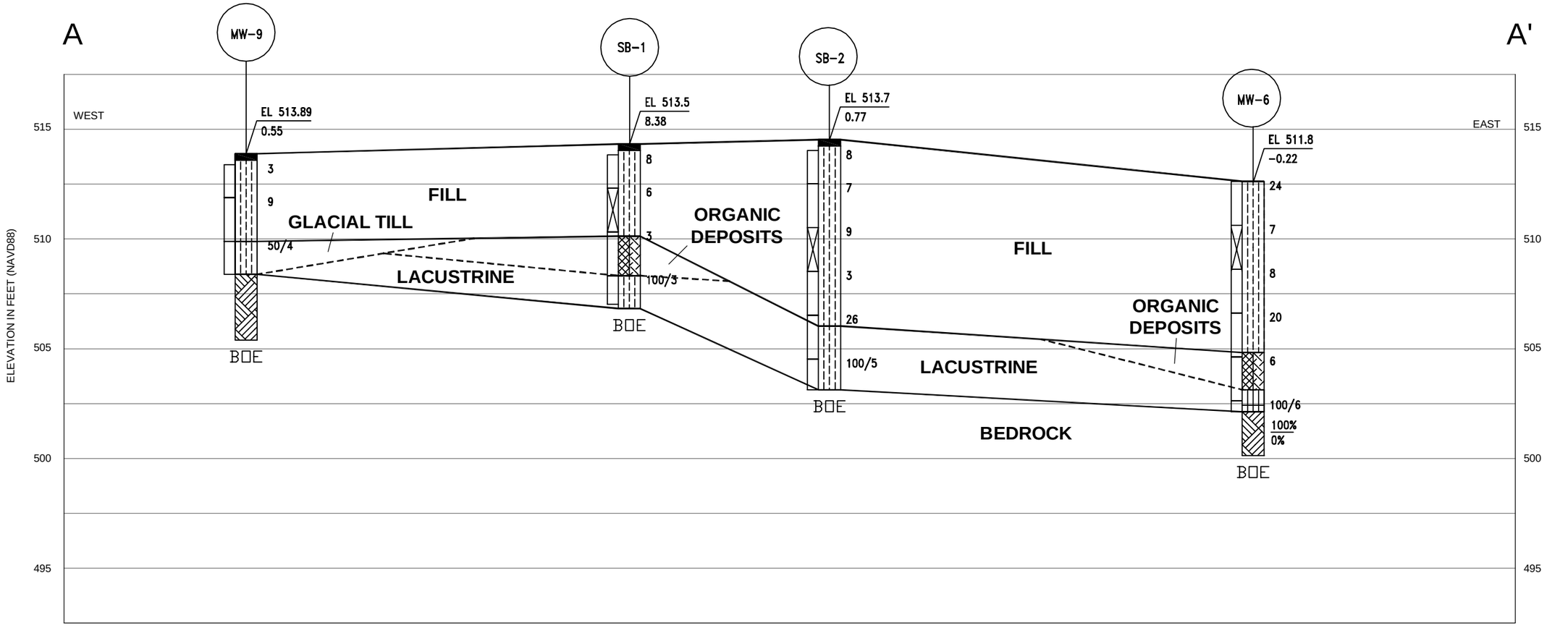
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE EXPLORATION
KEY FOR SOIL

SCALE: NONE
FEBRUARY 2009

FIGURE 4B

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

BOH — APPROXIMATE BOTTOM OF HOLDER

NOTES:

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HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

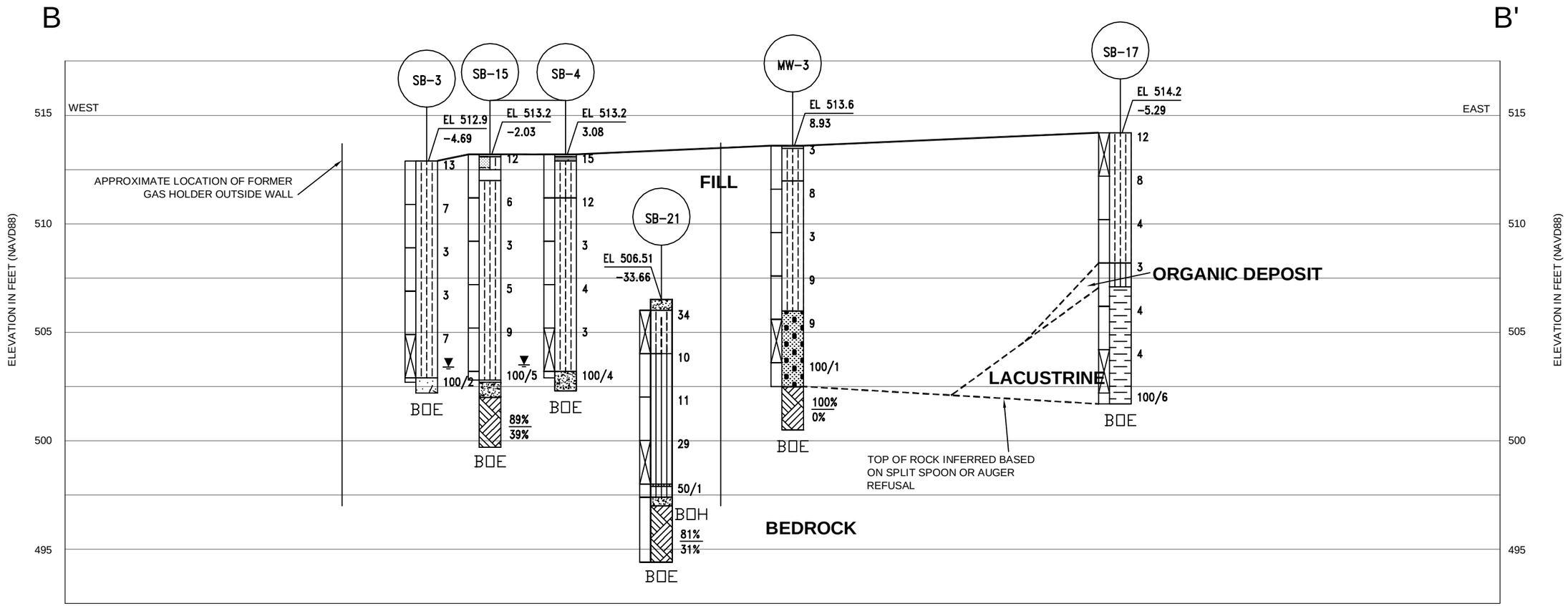
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE A-A'

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5A

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG



HA-207 — BORING DESIGNATION

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HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

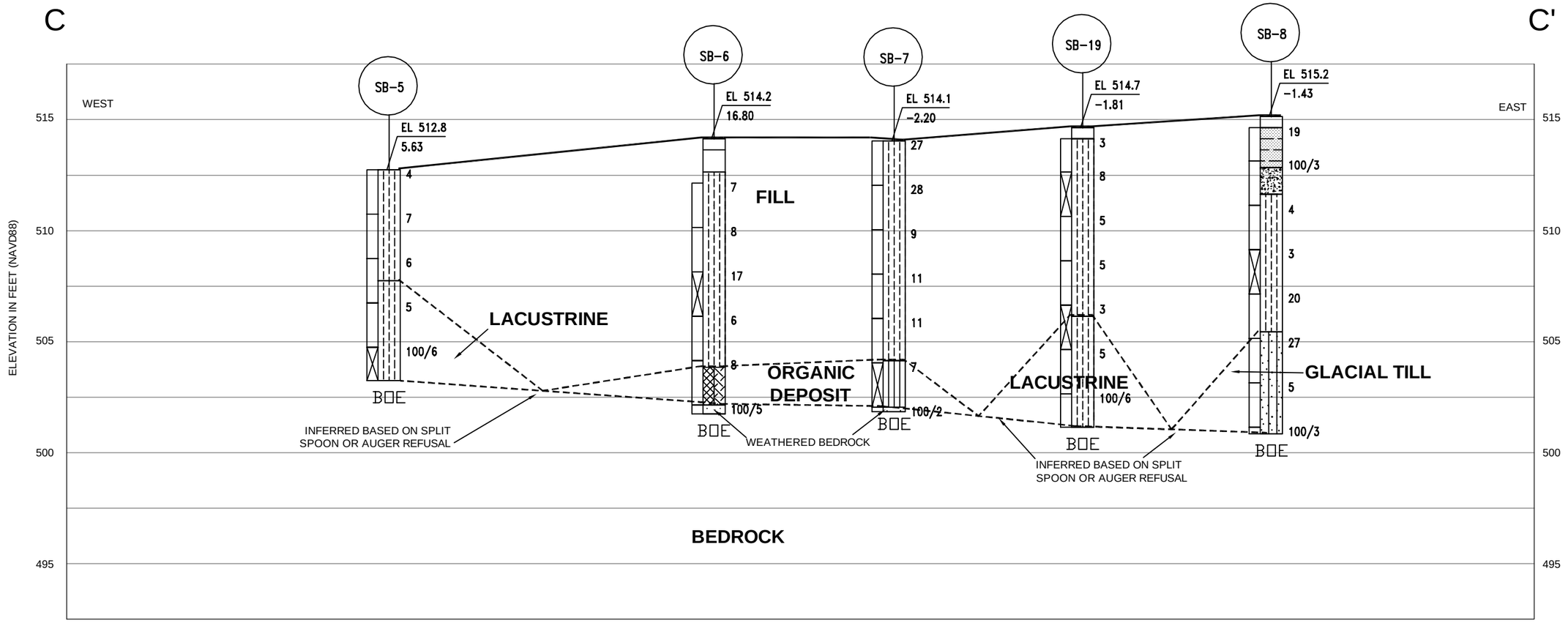
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE B-B

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5B

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

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HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

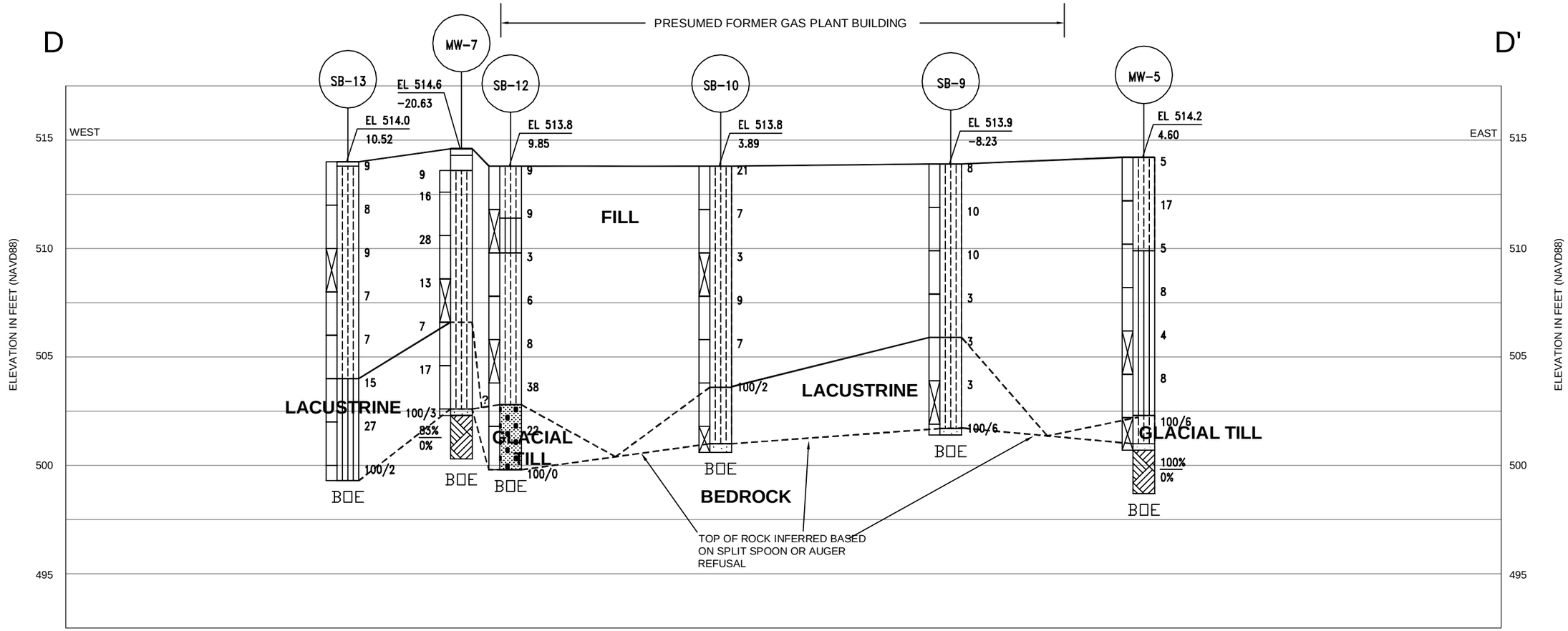
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE C-C

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5C

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

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HORIZ. 0 30 60
VERT. 0 5 10

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE D-D

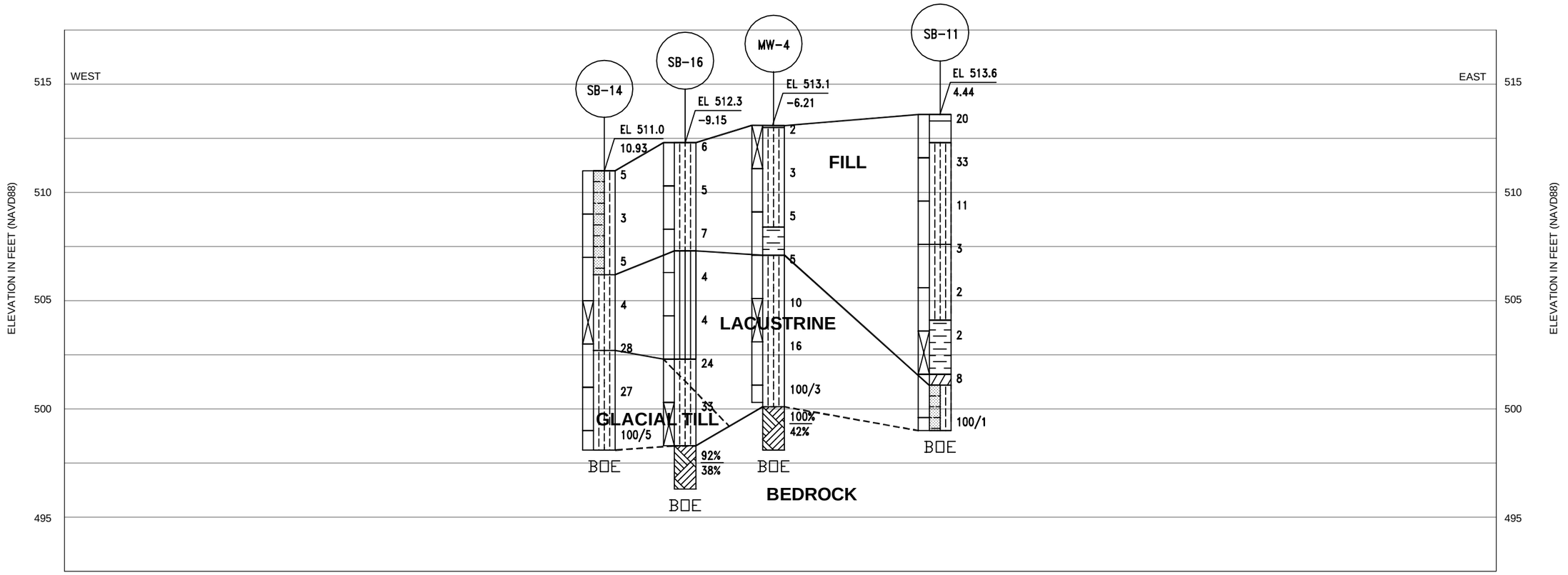
SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5D

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG

E

E'



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

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HORIZ. 0 30 60

VERT. 0 5 10

HALEY & ALDRICH

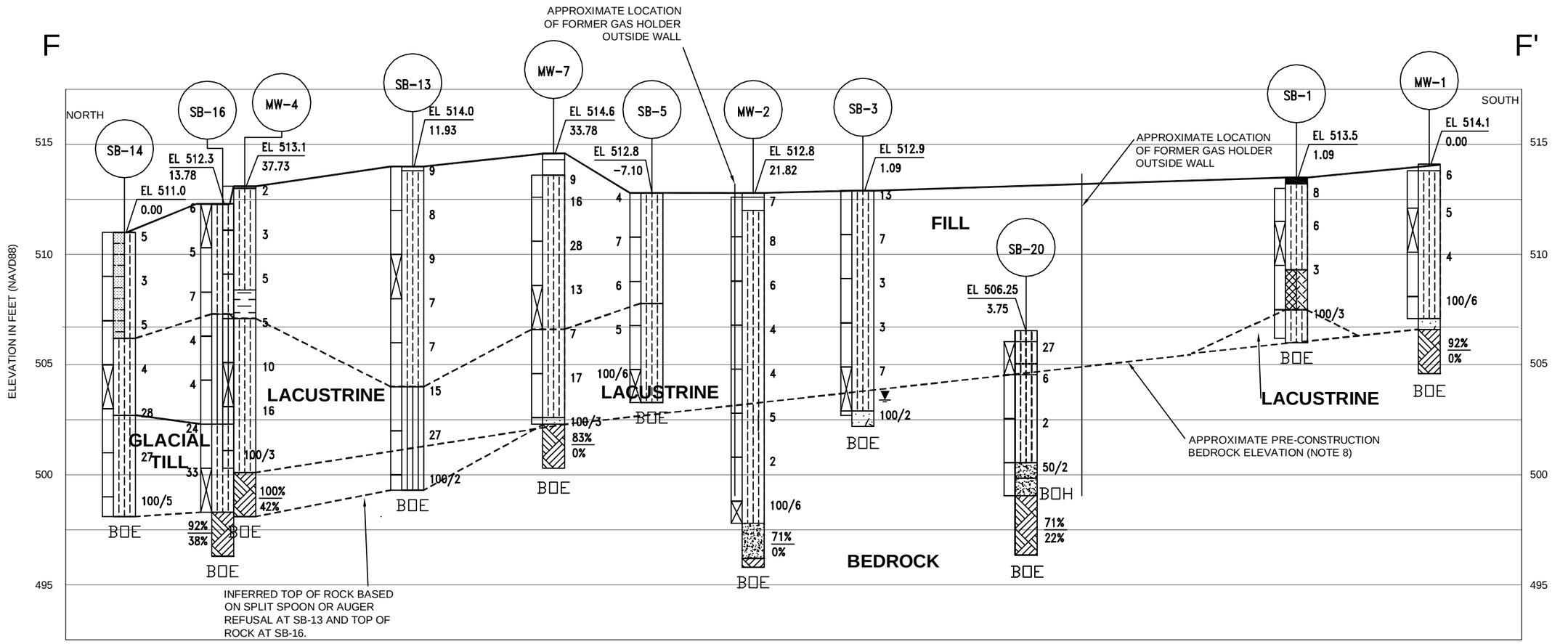
ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SUBSURFACE PROFILE E-E

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5E

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG



HA-207 — BORING DESIGNATION

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BOH — APPROXIMATE BOTTOM OF HOLDER

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., $1\frac{3}{8}$-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.
8. PRE-CONSTRUCTION BEDROCK ELEVATION INTERPOLATED BETWEEN BORING MW-1 AND BORING MW-7.

HORIZ. 0 30 60
VERT. 0 5 10

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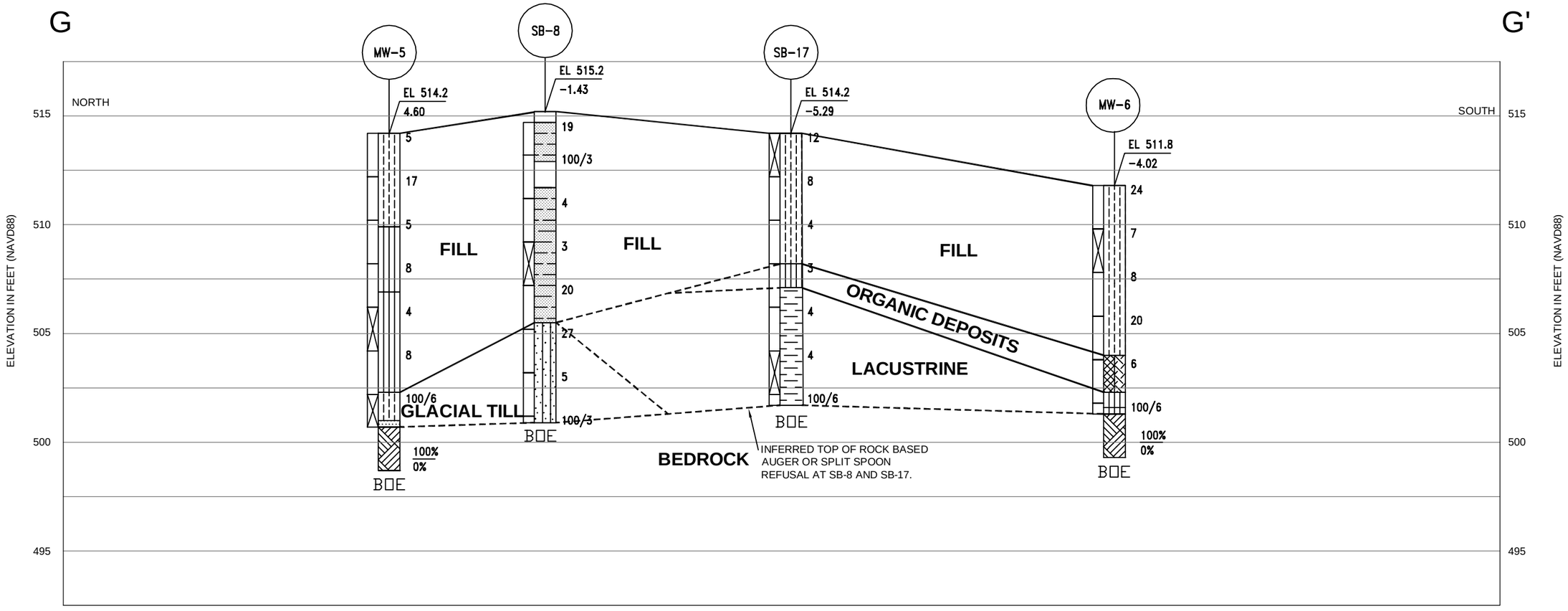
SUBSURFACE PROFILE F-F

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5F

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG



HA-207 — BORING DESIGNATION

EL 12.0 / -15.0 — APPROXIMATE GROUND SURFACE ELEVATION; OFFSET BETWEEN BORING AND LINE OF SUBSURFACE PROFILE (NEGATIVE SIGN INDICATES THAT THE BORING IS OFFSET SOUTH OF THE WEST-EAST PROFILE LINE OR WEST OF THE NORTH-SOUTH PROFILE LINE)

4 — APPROXIMATE LOCATION OF SOIL SAMPLE AND STANDARD PENETRATION RESISTANCE, "N"

APPROXIMATE LOCATION ENVIRONMENTAL SAMPLES

INTERPRETED GEOLOGIC STRATUM INTERFACE

INFERRED GEOLOGIC STRATUM INTERFACE

89% / 39% — PERCENT RECOVERY / PERCENT RQD

BOE — BOTTOM OF EXPLORATION

BOH — APPROXIMATE BOTTOM OF HOLDER

NOTES:

1. ELEVATIONS ARE IN FEET AND REFER TO NAVD88.
2. OFFSET DISTANCES INDICATED ARE MEASURED FROM THE PLAN ELEVATION OF THE PROFILE LINE, PERPENDICLUAR TO THE LINE.
3. WATER LEVELS IN OPEN BOREHOLES WERE OBSERVED ON THE DATE INDICATED ON THE BORING LOG. INDICATED LEVELS MAY NOT REFLECT THE ACTUAL GROULDWATER. FLUCUATIONS IN GROUNDWATER LEVELS CAN OCCUR DUE TO VARIATIONS IN PRECIPITATION, SEASONS, WATER TABLE FLUCTUATION, ADJACENT CONSTRUCTION ACTIVITY, CONSTRUCTION DEWATERING SYSTEMS AND OTHER FACTORS.
4. REFER TO THE REPORT APPENDICES FOR TEST BORING LOGS.
5. THE STANDARD PENETRATION RESISTANCE, "N", IS DEFINED AS THE NUMBER OF BLOWS OF A 140-LB HAMMER FALLING THROUGH A VERTICAL DISTANCE OF 30 INCHES REQUIRED TO DRIVE A 2-INCH O.D., 1-3/8-INCH I.D. SPLIT SPOON SAMPLER 12 INCHES.
6. REFER TO THE REPORT TEXT FOR MORE DETAILED SOIL STRATUM DESCRIPTIONS AND THE TEST BORING LOGS FOR DETAILED SAMPLE DESCRIPTIONS.
7. SUBSURFACE PROFILES DEPICT THE GENERAL GEOLOGIC CONDITIONS AT THE SITE AND ARE BASED ON INTERPRETATION OF DATA ENCOUNTERED IN THE EXPLORATIONS. LINES REPRESENTING INTERFACES BETWEEN STRATA ON THE PROFILE ARE BASED ON ADJACENT BORINGS. THE BORING STICK SHOWS THE INTERPRETED SEQUENCE OF STRATA ENCOUNTERED AT THAT LOCATION. ACTUAL SOIL CONDITIONS AND INTERFACES BETWEEN EXPLORATIONS MAY VARY SIGNIFICANTLY FROM THOSE INDICATED ON THE PROFILES.

HORIZ. 0 30 60
VERT. 0 5 10

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SUBSURFACE PROFILE G-G

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 5G

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\PROFILES 2-26-2009.DWG

MW-2	- 12/26/2006	- 10/12/2007	- 9/22/2008	14 - 15 ft 11/28/2006
Volatile Organic Compounds				
Benzene	*52 [C]*	*24 [C]*	*29 [C]*	37
Ethylbenzene	*6.6 [C]*	1.8 J	0.61 J	210
Toluene	*18 [C]*	5 U	5 U	45
Xylene (total)	*13 J [C]*	2.4 J	1.1 J	190
Semi-Volatile Organic Compounds				
Benzo(a)anthracene	9 U	*0.2 J [C]*	10 U	*2,400 [A]*
Benzo(a)pyrene	9 U	10 U	10 U	*2,000 [AB]*
Benzo(b)fluoranthene	9 U	10 U	10 U	*3,300 [A]*
Dibenz(a,h)anthracene	9 U	10 U	10 U	*380 J [A]*
Indeno(1,2,3-cd)pyrene	9 U	10 U	10 U	*1,200 [A]*
Naphthalene	*68 [C]*	4 J	7 J	3,800
Inorganics				
Arsenic	10 U	10 U	10 U	*58,900 J [AB]*
Iron	*8,850 [C]*	*7,830 [C]*	*6,520 [C]*	21,200,000
Magnesium	*38,200 [C]*	*35,800 [C]*	*37,300 [C]*	23,700,000
Manganese	*740 [C]*	*604 [C]*	*436 [C]*	490,000 J
Sodium	*49,700 [C]*	*65,600 [C]*	*53,800 [C]*	229,000

TP-2_Soil	1 - 3 ft 8/25/2008	8 - 10 ft 8/25/2008
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	*15,000 [AB]*	160 J
Benzo(a)pyrene	*19,000 [AB]*	140 J
Benzo(b)fluoranthene	*18,000 [AB]*	140 J
Benzo(k)fluoranthene	*4,600 J [A]*	60 J
Chrysene	*15,000 [A]*	150 J
Dibenz(a,h)anthracene	*7,400 J [AB]*	26 J
Indeno(1,2,3-cd)pyrene	*10,000 [AB]*	73 J
Inorganics		
Arsenic	*67,900 [AB]*	1,900
Lead	*731,000 [A]*	8,100
Mercury	*5,800 [AB]*	169

SUMP	- 8/27/2008
Volatile Organic Compounds	
cis-1,2-Dichloroethene	*260 [C]*
trans-1,2-Dichloroethene	*11 J [C]*
Trichloroethene	*19 J [C]*
Vinyl chloride	*68 [C]*
Inorganics	
Iron	*3,950 [C]*
Lead	*545 [C]*
Sodium	*87,600 [C]*

MW-9	- 9/24/2008	4 - 5 ft 9/2/2008
Volatile Organic Compounds		
1,2-Dichloroethane	*2.9 J [C]*	5 U
Benzene	*1,400 [C]*	5 UJ
Benzene, isopropyl	*23 [C]*	5 U
Ethylbenzene	*260 [C]*	5 U
Methyl tert-Butyl Ether (MTBE)*	*130 J*	11 U
Toluene	*180 [C]*	5 UJ
Xylene (total)	*1,500 [C]*	16 U
Semi-Volatile Organic Compounds		
Phenol	*60 [C]*	370 U
Inorganics		
Arsenic	*45.8 [C]*	2,800
Chromium	*121 [C]*	7,100 J
Iron	*128,000 [C]*	9,920,000
Lead	*830 [C]*	5,000
Magnesium	*344,000 [C]*	4,750,000 J
Manganese	*4,450 [C]*	372,000
Nickel	*112 [C]*	7,300 J
Sodium	*265,000 [C]*	132,000

*EXCEEDS NEW YORK STATE GROUNDWATER STANDARDS (10 ug/L)

SEE NOTE 9

MW-1	- 12/26/2006	- 10/12/2007	- 9/22/2008	2 - 4 ft 12/1/2006
Semi-Volatile Organic Compounds				
Benzo(a)anthracene	9 U	*10 J [C]*	50 U	220 J
Benzo(b)fluoranthene	9 U	*17 J [C]*	50 U	230 J
Chrysene	9 U	*8 J [C]*	50 U	200 J
Indeno(1,2,3-cd)pyrene	9 U	*7 J [C]*	50 U	130 J
Inorganics				
Arsenic	10 U	*120 [C]*	10 U	3,300 J
Barium	104	*1,630 [C]*	223	58,900
Cadmium	1 U	*6.1 [C]*	1 U	560 U
Chromium	10 U	*180 [C]*	10 U	8,200 J
Copper	20 U	*1,970 [C]*	20 U	104,000 J
Iron	*11,800 [C]*	*246,000 [C]*	*18,100 [C]*	9,820,000
Lead	12.2	*3,940 [C]*	4.3	147,000
Magnesium	24,100	*165,000 [C]*	24,800	14,200,000 J
Manganese	*382 [C]*	*4,080 [C]*	*469 [C]*	341,000 J
Mercury	0.3 U	*20.8 [C]*	0.3 U	410 J
Nickel	40 U	*154 [C]*	40 U	7,000
Sodium	*58,900 [C]*	*44,700 [C]*	*46,600 [C]*	124,000
Zinc	30.8	*3,980 [C]*	123	104,000 J

SEE NOTE 8

SB-2_Soil	4 - 6 ft 12/1/2006
Inorganics	
Lead	*969,000 [A]*

MW-8	- 9/24/2008	4 - 6 ft 8/29/2008
Volatile Organic Compounds		
cis-1,2-Dichloroethene	*13 [C]*	7 U
Vinyl chloride	*3.2 J [C]*	7 U
Inorganics		
Iron	*21,100 [C]*	15,800,000
Magnesium	*51,500 [C]*	1,830,000 J
Manganese	*1,490 [C]*	531,000
Sodium	*100,000 [C]*	90,200

MW-6	- 12/28/2006	- 10/12/2007	- 9/24/2008	2 - 4 ft 12/5/2006
Semi-Volatile Organic Compounds				
Benzo(a)anthracene	10 U	*0.3 J [C]*	11 U	520 J
Benzo(b)fluoranthene	10 U	*0.2 J [C]*	11 U	*1,200 J [A]*
Dibenz(a,h)anthracene	10 U	10 U	11 U	*610 J [AB]*
Indeno(1,2,3-cd)pyrene	10 U	*0.2 J [C]*	11 U	*2,300 J [A]*
Inorganics				
Iron	100 U	*9,820 [C]*	*2,740 [C]*	3,940,000
Magnesium	*221,000 [C]*	*218,000 [C]*	*194,000 [C]*	34,800,000
Sodium	*61,800 [C]*	*75,500 [C]*	*76,600 [C]*	132,000

SEE NOTE 8

SB-16_Soil	0 - 2 ft 12/5/2006	12 - 14 ft 12/5/2006
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	*1,100 J [A]*	370 U
Benzo(a)pyrene	*1,500 J [AB]*	370 U
Benzo(b)fluoranthene	*1,600 J [A]*	370 U
Indeno(1,2,3-cd)pyrene	*1,300 J [A]*	370 U

MW-7*	- 12/28/2006	6 - 8 ft 12/4/2006
Inorganics		
Iron	*559 [C]*	7,890,000
Manganese	*854 [C]*	238,000 J

*NOT SAMPLED IN OCTOBER 2007 OR SEPTEMBER 2008 DUE TO LACK OF WATER

MW-4	- 12/28/2006	- 10/12/2007	- 9/24/2008	8 - 10 ft 11/29/2006
Inorganics				
Iron	*1,960 [C]*	*45,100 [C]*	*1,130 [C]*	5,760,000 J
Lead	6.6	*69.8 [C]*	3 U	2,600 J
Magnesium	*184,000 [C]*	*82,800 [C]*	*54,300 [C]*	1,140,000
Manganese	*490 [C]*	*2,590 [C]*	113	65,700 J

SEE NOTES 8 & 9

SB-12_Soil	2 - 4 ft 11/28/2006	8 - 10 ft 11/28/2006
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	100 J	*4,200 [A]*
Benzo(a)pyrene	71 J	*3,800 [AB]*
Benzo(b)fluoranthene	99 J	*5,300 [A]*
Dibenz(a,h)anthracene	390 U	*670 J [AB]*
Indeno(1,2,3-cd)pyrene	26 J	*2,400 [A]*
Inorganics		
Lead	12,400 J	*4,050,000 J [AB]*
Mercury	18	*2,100 [A]*

SB-10_Soil	4 - 6 ft 11/28/2006	12 - 13.2 ft 11/28/2006
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	*2,100 [A]*	*1,700 [A]*
Benzo(a)pyrene	*2,400 [AB]*	*1,500 [AB]*
Benzo(b)fluoranthene	*4,800 [A]*	*1,600 [A]*
Dibenz(a,h)anthracene	*490 J [A]*	180 J
Indeno(1,2,3-cd)pyrene	*1,300 J [A]*	*520 [A]*
Inorganics		
Arsenic	*30,000 J [AB]*	2,600 J

SB-9_Soil	10 - 12 ft 11/29/2006
Inorganics	
Arsenic	*21,500 [AB]*
Barium	*1,960,000 J [AB]*
Cadmium	*5,500 [A]*
Manganese	*12,300,000 J [AB]*

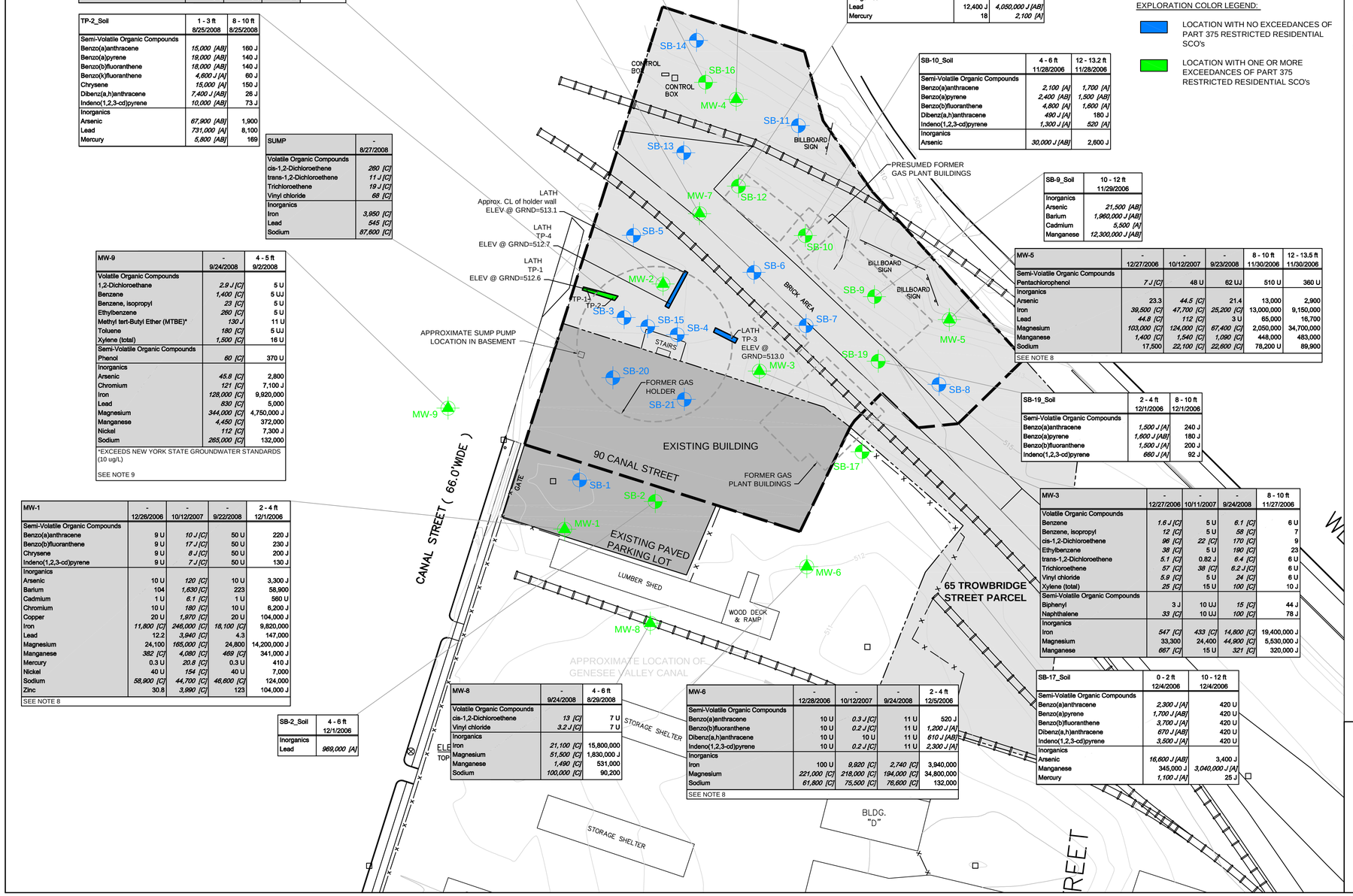
MW-5	- 12/27/2006	- 10/12/2007	9/23/2008	8 - 10 ft 11/30/2006	12 - 13.5 ft 11/30/2006
Semi-Volatile Organic Compounds					
Pentachlorophenol	*7 J [C]*	48 U	62 UJ	510 U	360 U
Inorganics					
Arsenic	23.3	*44.5 [C]*	21.4	13,000	2,900
Iron	*39,500 [C]*	*47,700 [C]*	*25,200 [C]*	13,000,000	9,150,000
Lead	*44.8 [C]*	*112 [C]*	3 U	65,000	16,700
Magnesium	*103,000 [C]*	*124,000 [C]*	*67,400 [C]*	2,050,000	34,700,000
Manganese	*1,400 [C]*	*1,540 [C]*	*1,090 [C]*	448,000	483,000
Sodium	17,500	*22,100 [C]*	*22,600 [C]*	78,200 U	89,900

SEE NOTE 8

SB-19_Soil	2 - 4 ft 12/1/2006	8 - 10 ft 12/1/2006
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	*1,500 J [A]*	240 J
Benzo(a)pyrene	*1,800 J [AB]*	180 J
Benzo(b)fluoranthene	*1,500 J [A]*	200 J
Indeno(1,2,3-cd)pyrene	*660 J [A]*	92 J

MW-3	- 12/27/2006	- 10/11/2007	- 9/24/2008	8 - 10 ft 11/27/2006
Volatile Organic Compounds				
Benzene	*1.6 J [C]*	5 U	*6.1 [C]*	6 U
Benzene, isopropyl	*12 [C]*	5 U	*58 [C]*	7
cis-1,2-Dichloroethene	*96 [C]*	*22 [C]*	*170 [C]*	9
Ethylbenzene	*38 [C]*	5 U	*190 [C]*	23
trans-1,2-Dichloroethene	*5.1 [C]*	0.82 J	*6.4 [C]*	6 U
Trichloroethene	*57 [C]*	*38 [C]*	*6.2 J [C]*	6 U
Vinyl chloride	*5.9 [C]*	5 U	*24 [C]*	6 U
Xylene (total)	*25 [C]*	15 U	*100 [C]*	10 J
Semi-Volatile Organic Compounds				
Biphenyl	3 J	10 UJ	*15 [C]*	44 J
Naphthalene	*33 [C]*	10 UJ	*100 [C]*	78 J
Inorganics				
Iron	*547 [C]*	*433 [C]*	*14,800 [C]*	19,400,000 J
Magnesium	33,300	24,400	*44,900 [C]*	5,530,000 J
Manganese	*667 [C]*	15 U	*321 [C]*	320,000 J

SB-17_Soil	0 - 2 ft 12/4/2006	10 - 12 ft 12/4/2006
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	*2,300 J [A]*	420 U
Benzo(a)pyrene	*1,700 J [AB]*	420 U
Benzo(b)fluoranthene	*3,700 J [A]*	420 U
Dibenz(a,h)anthracene	*670 J [AB]*	420 U
Indeno(1,2,3-cd)pyrene	*3,500 J [A]*	420 U
Inorganics		
Arsenic	*16,600 J [AB]*	3,400 J
Manganese	345,000 J	*3,040,000 J [A]*
Mercury	*1,100 J [A]*	25 J



LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- HISTORIC SITE FEATURES

Soil = White
Groundwater = Gray

EXPLORATION COLOR LEGEND:

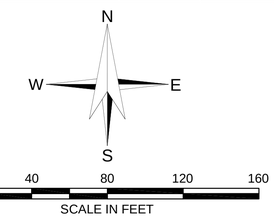
- LOCATION WITH NO EXCEEDANCES OF PART 375 RESTRICTED RESIDENTIAL SCO's
- LOCATION WITH ONE OR MORE EXCEEDANCES OF PART 375 RESTRICTED RESIDENTIAL SCO's

NOTES:

1. GROUNDWATER UNITS IN UG/L. SOIL UNITS IN UG/KG.
2. CHEMICALS SHOWN IN DATABOXES HAVE SAMPLE RESULT(S) GREATER THAN ONE OR MORE CRITERIA AT THE LOCATION.
3. SOIL SCREENING CRITERIA CODES ARE SHOWN IN [ ]. SOIL SHOWN IN WHITE BOXES.
   [A] - INDICATES RESULT IS GREATER THAN PART 375 RESTRICTED RESIDENTIAL USE CRITERIA.
   [B] - INDICATES RESULT IS GREATER THAN PART 375 RESTRICTED COMMERCIAL USE CRITERIA.
4. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN [ ]. GROUNDWATER SHOWN IN GRAY BOXES.
   [C] - INDICATES RESULT IS GREATER THAN NYSDEC TOGS 1.1.1 CLASS GA WATER QUALITY STANDARDS.
5. QUALIFIERS ARE AS FOLLOWS:
   J - THE ANALYTE WAS POSITIVELY IDENTIFIED; THE ASSOCIATED NUMERICAL VALUE IS THE APPROXIMATE CONCENTRATION OF THE ANALYTE IN THE SAMPLE.
   U - THE ANALYTE WAS ANALYZED FOR BUT WAS NOT DETECTED ABOVE THE REPORTED SAMPLE QUANTITATION LIMIT.
   UJ - THE ANALYTE WAS NOT DETECTED ABOVE THE REPORTED SAMPLE QUANTITATION LIMIT. HOWEVER, THE REPORTED QUANTITATION LIMIT IS APPROXIMATE AND MAY OR MAY NOT REPRESENT THE ACTUAL LIMIT OF QUANTITATION NECESSARY TO ACCURATELY AND PRECISELY MEASURE THE ANALYTE IN THE SAMPLE.
6. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING.
7. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.
8. METALS AND SVOCS LABORATORY RESULTS FOR OCTOBER 2007 MAY NOT BE REPRESENTATIVE OF THE GROUNDWATER CONDITION AT THIS LOCATION DUE TO SUSPENDED SOIL PARTICLES IN THE SAMPLES FOR MW-1, MW-4, MW-5, AND MW-6.
9. METALS AND SVOCs LABORATORY RESULTS FOR SEPTEMBER 2008 MAY NOT BE REPRESENTATIVE OF THE GROUNDWATER CONDITION AT THIS LOCATION DUE TO SUSPENDED SOIL PARTICLES IN THE SAMPLES FOR MW-4 AND MW-9.

NYSDEC TOGS 1.1.1 Class GA Water Quality Standards	µg/L	NYSDEC TOGS 1.1.1 Class GA Water Quality Standards	µg/L
1,2-Dichloroethane	0.6	Pentachlorophenol	1
Benzene	1	Phenol	1
Benzene, isopropyl	5	Arsenic	25
cis-1,2-Dichloroethene	5	Barium	1000
Ethylbenzene	5	Cadmium	5
Toluene	5	Chromium	50
trans-1,2-Dichloroethene	5	Copper	200
Trichloroethene	5	Iron	300
Vinyl chloride	2	Lead	25
Xylene (total)	5	Magnesium	35000
Benzo(a)anthracene	0.002	Manganese	300
Benzo(b)fluoranthene	0.002	Mercury	0.7
Biphenyl	5	Nickel	100
Chrysene	0.002	Sodium	20000
Indeno(1,2,3-cd)pyrene	0.002	Zinc	2000
Naphthalene	10		

6 NYCRR Part 375 Soil Cleanup Objectives	Restricted Residential Use (µg/kg)	Restricted Commerical Use (µg/kg)
Benzo(a)anthracene	1,000	5,600
Benzo(a)pyrene	1,000	1,000
Benzo(b)fluoranthene	1,000	5,600
Benzo(k)fluoranthene	3,900	56,000
Chrysene	3,900	56,000
Dibenz(a,h)anthracene	330	560
Indeno(1,2,3-cd)pyrene	500	5,600
Arsenic	16,000	16,000
Barium	400,000	400,000
Cadmium	4,300	9,300
Lead	400,000	1,000,000
Manganese	2,000,000	10,000,000
Mercury	810	2,800



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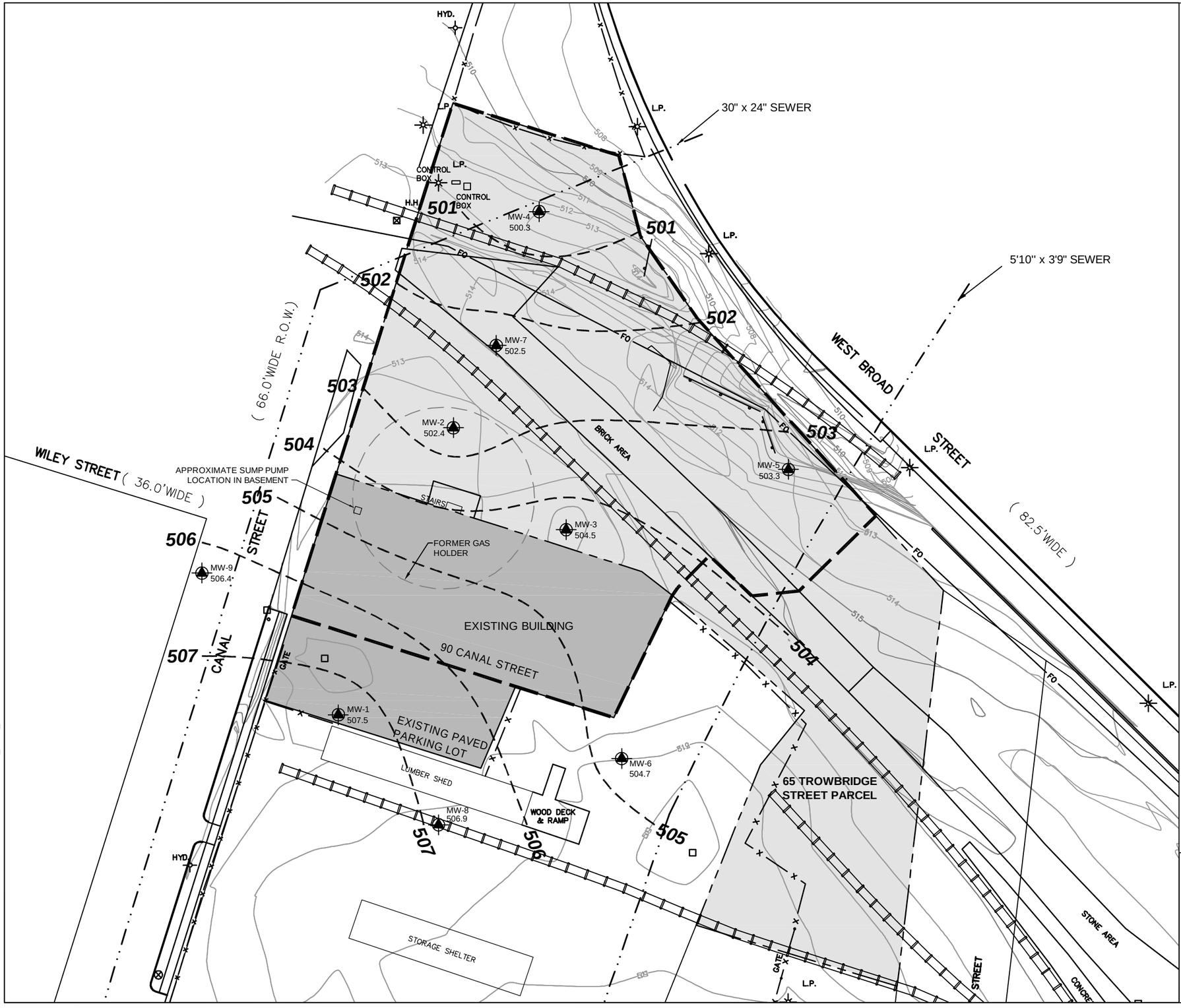
SITE PLAN SHOWING SOIL AND WATER QUALITY EXCEEDANCES 2006 - 2008

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 6

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\2008-1112-HAI-DATABOXES-D4.DWG



LEGEND:

- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- SEWER LINE
- F.O. — FIBER OPTIC LINE
- FENCE LINE
- HYD — HYDRANT
- LP — LIGHT POLE
- 504.75 — GROUNDWATER ELEVATION SEPTEMBER 2008
- 504 — GENERALIZED GROUNDWATER CONTOURS SEPTEMBER 2008

NOTES:

1. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING.
2. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.

N
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SCALE IN FEET

HALEY & ALDRICH

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ROCHESTER, NEW YORK

SITE PLAN SHOWING GROUNDWATER ELEVATIONS - SEPTEMBER 2008

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 7

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\33879-GW-CONT_SEPT_2008.DWG

LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- 65 TROWBRIDGE STREET PARCEL
- 90 CANAL STREET PARCEL
- APPROXIMATE LIMITS OF FORMER MUNICIPAL GAS LIGHT COMPANY MANUFACTURED GAS PLANT
- RAILROAD
- PARCEL BOUNDARY LINE
- SEWER LINE
- —F.O.— FIBER OPTIC LINE
- —X— FENCE LINE
- HYD HYDRANT
- LP LIGHT POLE
- 501.7 TOP OF BEDROCK ELEVATION
- —502— GENERALIZED TOP OF BEDROCK CONTOURS

NOTES:

1. LOCATIONS OF SOIL BORINGS AND MONITORING WELLS WERE SURVEYED BY PARRONE ENGINEERING.
2. BASE PLAN ILLUSTRATING EXISTING SITE STRUCTURES AND FEATURES DERIVED FROM PARRONE ENGINEERING DRAWING 6192.DWG.
3. WHERE ROCK IS ESTIMATED FROM AUGER OR SPOON REFUSAL THE ELEVATION IS DENOTED "REFUSAL".

N
W E
S

0 60 120
SCALE IN FEET

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

SITE PLAN SHOWING BEDROCK ELEVATIONS

SCALE: AS SHOWN
FEBRUARY 2009

FIGURE 8

G:\33879 - CANAL ST MGP\CAD\DRAWINGS\BEDROCK V5.DWG

APPENDIX A

Test Pit and Boring Logs

HALEY & ALDRICH

TEST BORING REPORT

Boring No. SB-20

Project Canal Street Former MGP Site,; Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 1
Start August 26, 2007
Finish August 27, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	NW	S	NX	Rig Make & Model: Electric Skid Rig
Inside Diameter (in.)	3.0	1 3/8	--	Bit Type: Roller Bit
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	24	24	-	Casing: Spun/Driven
				Hoist/Hammer: rope cathead, doughnut hammer
				PID Make & Model: MiniRAE 2000 10.6 eV lamp

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel %	Sand %	Fines %	Field Test
0				0.5		-CONCRETE SLAB-				
	9 27 8	S1 6	0.5 2.0			Dense brown silty SAND with gravel, no odor, moist, trace brick. PID = 0.0 ppm				
				1.5						
	3 3 3 2	S2 10	2.0 4.0	2.0		Medium dense dark gray-brown silty SAND, light organic odor, moist, trace organic fibers. PID = 0.0 ppm Similar to above except, loose.				
	1 1 1 17	S3 12	4.0 6.0			Note: Wood encountered during advancement of casing between 4.0 ft. and 5.0 ft., no odor, no sheen. Similar to S2 except, very loose.				
5						-FILL-				
	17 50/2	S4 7	6.0 6.7	6.0 6.7		PID = 0.0 ppm Decomposed beige CONCRETE. (former holder slab) See Core Boring Report CSB-20.				
						Sample S3 was submitted to the laboratory for analysis.				
10										

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 6.7
Rock Cored (ft) 3.5
Samples S4
Boring No. SB-20

Field Tests: **Dilatancy** R - Rapid S - Slow N - None **Plasticity** N - Nonplastic L - Low M - Medium H - High
Toughness L - Low M - Medium H - High **Dry Strength** N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-UIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Feb 26, 09

HALEY&ALDRICH

CORE BORING REPORT

Boring No. CSB-20
File No. 33879-007
Sheet No. 1 of 1

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weath-ering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							6.7	Beige CONCRETE
		C1	7.5 10.2	23 7	71 22		7.5	Hard, slightly weathered to fresh, gray, fine-grained DOLOSTONE, bedding is horizontal, joints are horizontal to low angle, extremely to very close, smooth, undulating, slightly disintegrated to fresh, open. Slightly disintegrated joints have trace light gray silt on surfaces, no stain, no odor. Missing core was not captured by core barrel, attempts made to retrieve the core were unsuccessful. Note: Core exhibited no odor, no stain. -BEDROCK-
10							10.2	Bottom of exploration at 10.2 ft. Note: RQD computed based on length of rock cored.
15								
20								
25								
30								
35								

H+A_CORE+WELL07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\33879-007.TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST BORING REPORT

Boring No. SB-21

Project Canal Street Former MGP Site,; Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 1
Start August 28, 2008
Finish August 28, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	NW	S	NX	Rig Make & Model: Electric Skid Rig
Inside Diameter (in.)	3.0	1 3/8	--	Bit Type: Roller Bit
Hammer Weight (lb)	140	140	-	Drill Mud: None
Hammer Fall (in.)	24	24	-	Casing: Spun/Driven
				Hoist/Hammer: rope cathead, doughnut hammer
				PID Make & Model: MiniRAE 2000 10.6 eV lamp

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				0.5		-CONCRETE SLAB-										
	35 25 9 8	S1 12	0.5 2.5			Dense dark brown to black silty SAND with coal, brick, no odor, moist. PID = 11.1 ppm										
	7 5 5 5	S2 10	2.5 4.5			Loose dark brown sandy SILT, slight organic odor, moist, trace coal. PID = 0.2 ppm										
5	5 6 5 5	S3 12	4.5 6.5			Similar to S2 except, medium dense, wet at approximately 5.0 ft. PID = 0.0 ppm										
	8 15 14 16	S4 8	6.5 8.5			Similar to S3 except, dense. -FILL- PID = 0.0 ppm										
	50/1	S5 0	8.5 8.6	8.5 8.6		No recovery. SSR at 8.6 ft. See Core Boring Report CSB-21.										
10						Note: Casing and roller bit advanced to 9.1 ft., very slight indistinguishable odor in recirculating drill water, no sheen, similar residual odor in concrete. Samples S1 and S4 were submitted to the laboratory for analysis.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 8.6
Rock Cored (ft) 7.5
Samples S5
Boring No. SB-21

Field Tests: Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Feb 26, 09

HALEY&ALDRICH

CORE BORING REPORT

Boring No. CSB-21
File No. 33879-007
Sheet No. 1 of 1

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
							9.1	-CONCRETE-
		C1	9.1	29	81			Hard, to very hard, slightly weathered to fresh, gray, fine-grained DOLOSTONE, bedding is horizontal, primary joints are horizontal to low angle, extremely close to close, smooth, undulating, slightly disintegrated to fresh, open. Slightly disintegrated joints have trace light gray silt on surfaces, no stain, no sheen, no odor.
10			12.1	11	31		9.5	-BEDROCK-
							12.1	Bottom of exploration at 12.1 ft.
								Note: RQD computed based on length of rock cored.
15								
20								
25								
30								
35								

H+A_CORE+WELL07-1 HA-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\067 SUPP SITE INVEST\33879-007TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST BORING REPORT

Boring No. MW-8

Project Canal Street Former MGP Site,; Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 2
Start August 29, 2008
Finish August 29, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation
Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA/HW	S	HX	Rig Make & Model: Truck with CME 75
Inside Diameter (in.)	.25/.40	1 3/8	2 1/4	Bit Type: Roller Bit
Hammer Weight (lb)	300	140	-	Drill Mud: None
Hammer Fall (in.)	24	30	-	Casing: Spun
				Hoist/Hammer: Cat-Head Automatic Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV lamp

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0						Note: Advance auger to 2.0 ft. ft. to below railroad ties.										
	15 7 4 3	S1 5	2.0 4.0	2.0	SM	Medium dense black to light brown silty SAND (SM) with coal dust and gravel, no odor, dry. PID = 2.5 ppm	10	10	15	25	25	15				
	2 2 2 2	S2 24	4.0 6.0	4.3	OL/ OH	Similar to S1. -FILL- Loose dark brown ORGANIC SOIL/ORGANIC SILT (OL/OH), interbedded with brown to yellow-brown sandy SILT; slight organic odor, moist, poorly-stratified. PID = 3.6 ppm						100	N	N	N	
5	4 7 8 15	S3 11	6.0 8.0	7.0	SM	Medium dense yellow-brown silty SAND (SM), no odor, wet at approximately 7.5 ft.				5	35	60	S	L	N-L	
	29 27 50/0	S4 7	8.0 9.0	8.7		Similar to above, except very dense. -ALLUVIAL DEPOSITS-		5	15	20	30	30				
				9.0	SM	Very dense light brown silty SAND with gravel (SM), no odor, dry, compact. -GLACIAL TILL- Note: Split spoon and auger refusal at 9.0 ft.; switch to HW casing to core bedrock and install monitoring well. See Core Boring Report CMW-8. Sample S2 was submitted to the laboratory for analysis.	20	10	5	10	25	35				
10																

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
08/29/08	1230	0.0	9	9	7.54

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 9
Rock Cored (ft) 3
Samples S4

Boring No. MW-8

Field Tests: **Dilatancy:** R - Rapid S - Slow N - None **Plasticity:** N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength** N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Feb 26, 09

HALEY & ALDRICH

CORE BORING REPORT

Boring No. CMW-8
File No. 33879-007
Sheet No. 2 of 2

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
								SEE TEST BORING REPORT FOR OVERBURDEN DETAILS
10		C1	9.0 12.0	35 8	97 22		9.0	Very hard, slightly weathered to fresh, gray, fine-grained Dolostone, bedding is horizontal, joints are horizontal to low-angle, very close, smooth to rough, undulating, discolored to slightly disintegrated, open, no odor, no sheen; slightly disintegrated joints contain trace light gray to gray-brown silt, no stain, no odor; PID to 6.0 ppm in joints, no odor. -BEDROCK-
							12.0	Bottom of exploration at 12.0 ft.
15								
20								
25								
30								
35								

H:\A_CORE+WELL\07-1 HA-LIB97-INEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\33879-007TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST BORING REPORT

Boring No. MW-9

Project Canal Street Former MGP Site,; Rochester, New York
Client Rochester Gas & Electric
Contractor GeoLogic NY, Inc.

File No. 33879-007
Sheet No. 1 of 2
Start September 2, 2008
Finish September 2, 2008
Driller S. Breeds
H&A Rep. S. Poff
Elevation Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA/HW	S	--	Rig Make & Model: Truck with CME75
Inside Diameter (in.)	2.25/4.0	1 3/8	--	Bit Type: Roller Bit/Cutting Head
Hammer Weight (lb)	300	140	-	Drill Mud: None
Hammer Fall (in.)	24	30	-	Casing: Spun/Driven
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 2000 10.6 eV lamp

Depth (ft)	Sampler Blows per 6 in.	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0				0.3		-CONCRETE-										
	2 3 3	S1 15	0.5 2.0		SM	Loose brown to yellow-brown silty SAND (SM), no odor, moist. PID = 0.0 ppm	5	5	5	10	30	45				
	2 4 5 4	S2 9	2.0 4.0			Similar to S1. -FILL- PID = 0.0 ppm										
	9 17 14 50/4	S3 20	4.0 5.5	4.0	SM	Medium brown to yellow-brown silty SAND with gravel (SM), no odor, wet at 4.5 ft. -GLACIAL TILL-	10	5	10	15	35	25				
5				5.5		See Core Boring Report. Note: GW Monitoring Well Installed. Sample S3 was submitted to the laboratory for analysis.										

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water
09/02/08	1000	0	4	5.5	4.5+/-
09/02/08	1530	5	8.5	8.5	7.2

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft) 5.5
Rock Cored (ft) 3
Samples S3
Boring No. MW-9

Field Tests: Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High V - Very High
Dry Strength N - None L - Low M - Medium H - High V - Very High

*Note: Maximum particle size is determined by direct observation within the limitations of sampler size.
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-TEST BORING-07-1 HA-LIB07-1.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007TBC.GPJ Feb 26, 09

HALEY & ALDRICH

CORE BORING REPORT

Boring No. CMW-9
File No. 33879-007
Sheet No. 2 of 2

Depth (ft)	Drilling Rate (min./ft)	Run No.	Run Depth (ft)	Recovery/RQD in.	Recovery/RQD %	Weathering	Elev./ Depth (ft)	Visual Description and Remarks
5								
		C1	5.5 8.5	31 13	86 36		5.5	*SEE TEST BORING REPORT FOR OVERBURDEN DETAILS* Very hard, slightly weathered, gray, fine-grained Dolostone, bedding is horizontal, primary joints are horizontal to low-angle, very close to close, rough, undulating, discolored to slightly disintegrated, open, secondary joints are moderately dipping to high-angle, widely spaced, otherwise similar to primary joints; disintegrated joints may contain 1 in. +/- of silt (indicated by drill action during coring).. -BEDROCK-
							8.5	Bottom of exploration at 8.5 Note: GW Monitoring Well installed.
10								
15								
20								
25								
30								

H:\A_CORE+WELL07-1 H:\-LIB07-1NEW.GLB HA-TB+CORE+WELL-07-1.GDT G:\PROJECTS\33879\307 SUPP SITE INVEST\33879-007TBC.GPJ Oct 6, 08

HALEY & ALDRICH

TEST PIT LOG

Test Pit No. TP1

Project	Canal Street Former MGP Site	**File No.**	33879-007
Location	Rochester, New York	**H&A Rep**	S. Poff
Client	Rochester Gas and Electric	**Date**	8/25/2008
Contractor	GeoLogic NY, Inc.	**Weather**	Mostly Cloudy 60's
Equipment Used	Truck-Mounted Daweood DH-50 Mini-Excavator		

Ground El.:
El. Datum:

Location: See Plan

Groundwater depths/entry rates (in./min.): Little seepage at ~10.0 ft

Depth (ft)	Sample ID	Stratum Change Elev./ Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (color, natural grain size and artificial component percentage estimates, manual test properties, structure, odors, moisture, other descriptions and observations GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Tests: Dilatancy	Toughness	Plasticity	Strength
0			SM	Brown to gray-brown silty SAND with gravel (SM), no odor, dry. PID=0.0 ppm	10	15	10	20	30	15				
		0.8		Black COAL DUST and PARTICLES with silty sand, no odor, dry. PID=0.0 ppm		5	5	10	45	20				
		1.6	ML	Light brown to orange-brown sandy SILT with gravel (ML), no odor, dry.	10	10	5	5	20	50				
2		2.5	SM	Brown to gray-brown silty SAND (SM), trace clam shells, brick fragments, glass, slight organic odor, moist, wet at aproximately 10.0 ft. PID=0.0 ppm	5	5	5	10	35	40				
4				PID=0.0 ppm										
6														
8														
10	S1 10 - 11.0			FILL										
		11.0		Bottom of Exploration at 11.0 ft. Sample S1 was submitted to the laboratory for analysis.										

Obstructions: Brick wall in E end below 1.8 ft

Remarks:

Field Tests

Dilatancy	R - Rapid S - Slow N - None
Toughness	L - Low M - Medium H - High
Plasticity	N - Nonplastic L - Low M - Medium H - High
Dry Strength	N - None L - Low M - Medium H - High V - Very High

Standing Water in Completed Pit

at depth -- ft
measured after hours elapsed

Boulders

Diameter (in.)	Number	Approx. Vol. (cu.ft)
12 to 24	0	= --
over 24	0	= --

Test Pit Dimensions (ft)

Pit Length x Width (ft) (8+5)x2
Pit Depth (ft) 11.0

NOTE: Soil identification based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HA TESTPIT-07-1 HA-LIB07-1.GLB HA-TP07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007NEWTP.GPJ Mar 2, 09

HALEY & ALDRICH

TEST PIT LOG

Test Pit No. TP2

Project	Canal Street Former MGP Site	**File No.**	33879-007
Location	Rochester, New York	**H&A Rep**	S. Poff
Client	Rochester Gas and Electric	**Date**	8/25/2008
Contractor	GeoLogic NY, Inc.	**Weather**	Mostly Cloudy 60's
Equipment Used	Truck-Mounted Daweood DH-50 Mini-Excavator		

Ground El.: **El. Datum:** **Location:** See Plan **Groundwater depths/entry rates (in./min.):** ~ 1.0 in./minute

Depth (ft)	Sample ID	Stratum Change Elev./ Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (color, natural grain size and artificial component percentage estimates, manual test properties, structure, odors, moisture, other descriptions and observations GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Tests Dilatancy	Toughness	Plasticity	Strength
0			SM	Brown to gray-brown silty SAND with gravel (SM), no odor, dry. PID=0.0 ppm	10	15	10	20		150				
		0.8	SM	Dark brown to gray-brown to black silty SAND with gravel (SM), coal dust/particles, wood cinders, ash, brick, no odor, dry.										
2	S1 1 - 3.0			* 12 in. clay tile pipe filled with coal dust at 2.3 ft. below grade in North sidewall along wall. PID=0.0 ppm										
		3.0	ML	Light brown sandy SILT with gravel (ML), trace brick, slag; no odor, moist.										
4				PID=0.0 ppm										
		5.5		Similar to above with little amounts of ash, cinders, brick, trace glass, slag.										
6				PID=0.0 ppm										
8	S2 8 - 10.0			Note: Groundwater encountered at aproximately 10.0 ft. Note: Bucket refusal at aproximately 11.0 ft on remains of former gas holder floor. FILL PID=0.0 ppm										
10				PID=0.0 ppm										
		11.0		Bottom of Exploration at 11.0 ft. Samples S1 and S2 were submitted to the laboratory for anlaysis.										

Obstructions: Brick wall in W end below 2.0 ft.

Remarks:

Field Tests

Dilatancy R - Rapid S - Slow N - None
Toughness L - Low M - Medium H - High
Plasticity N - Nonplastic L - Low M - Medium H - High
Dry Strength N - None L - Low M - Medium H - High V - Very High

Standing Water in Completed Pit

at depth -- ft
measured after hours elapsed

Boulders

Diameter (in.)	Number	Approx. Vol. (cu.ft)
12 to 24	0	= --
over 24	0	= --

Test Pit Dimensions (ft)

Pit Length x Width (ft) 11x4
Pit Depth (ft) 11.0

NOTE: Soil identification based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HA TESTPIT-07-1 HA-LIB07-1.GLB HA-TP07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007NEWTP.GPJ Mar 2, 09

HALEY & ALDRICH

TEST PIT LOG

Test Pit No. TP3

Project	Canal Street Former MGP Site	**File No.**	33879-007
Location	Rochester, New York	**H&A Rep**	S. Poff
Client	Rochester Gas and Electric	**Date**	8/25/2008
Contractor	GeoLogic NY, Inc.	**Weather**	Mostly Sunny 70's
Equipment Used	Truck-Mounted Daweood DH-50 Mini-Excavator		

Ground El.: | **El. Datum:** | **Location:** See Plan | **Groundwater depths/entry rates (in./min.):** Seepage at ~10.0 ft. (slow)

Depth (ft)	Sample ID	Stratum Change Elev./ Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (color, natural grain size and artificial component percentage estimates, manual test properties, structure, odors, moisture, other descriptions and observations GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Tests Dilatancy	Toughness	Plasticity	Strength
0			SM	Black silty SAND and COAL DUST with gravel (SM), roots, no odor, dry.										
		0.7		PID=0.0 ppm										
			SM	Light brown silty SAND with gravel (SM), no odor, dry.	5	20	5	15	30	25				
2				PID=0.0 ppm										
4	S1 4 - 6.0			PID=0.0 ppm										
6		6.0	SM	Similar to above, except gray-brown, moist, wet at approximately 9.0 ft. , very slight weathered petroleum odor that rapidly vanishes, no sheen.										
				PID=0.0 ppm										
8	S2 7 - 9.0													
10				Note: Probable bucket refusal at approximately 11.0 ft. but bottom not visible due to continual collapse of sidewalls.										
				FILL										
		11.0		Bottom of Exploration at 11.0 ft.										
				Samples S1 and S2 were submitted to the laboratory for analysis.										

Obstructions:

Remarks:

Field Tests

Dilatancy	R - Rapid S - Slow N - None
Toughness	L - Low M - Medium H - High
Plasticity	N - Nonplastic L - Low M - Medium H - High
Dry Strength	N - None L - Low M - Medium H - High V - Very High

Standing Water in Completed Pit

at depth -- ft
measured after hours elapsed

Boulders

Diameter (in.)	Number		Approx. Vol. (cu.ft)
12 to 24	0	=	--
over 24	0	=	--

Test Pit Dimensions (ft)

Pit Length x Width (ft) 11x4
Pit Depth (ft) 11.0

NOTE: Soil identification based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HA TESTPIT-07-1 HA-LIB07-1.GLB HA-TP07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007NEWTP.GPJ Mar 2, 09

HALEY & ALDRICH

TEST PIT LOG

Test Pit No. TP4

Project	Canal Street Former MGP Site	**File No.**	33879-007
Location	Rochester, New York	**H&A Rep**	S. Poff
Client	Rochester Gas and Electric	**Date**	8/25/2008
Contractor	GeoLogic NY, Inc.	**Weather**	Mostly Sunny 60's
Equipment Used	Truck-Mounted Daweood DH-50 Mini-Excavator		

Ground El.:
El. Datum:

Location: See Plan

Groundwater depths/entry rates (in./min.): ~0.25 in/min at 10.0 ft.

Depth (ft)	Sample ID	Stratum Change Elev./ Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (color, natural grain size and artificial component percentage estimates, manual test properties, structure, odors, moisture, other descriptions and observations GEOLOGIC INTERPRETATION)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Tests Dilatancy	Toughness	Plasticity	Strength
0				TOPSOIL										
		0.3	SM	Brown to black silty SAND and COAL DUST with gravel (SM), no odor, dry.	5	10	10	15	40	20				
		1.0	SM	PID=0.0 ppm	15	15	5	10	30	25				
2				Brown to gray-brown silty SAND with gravel (SM), trace brick, coal, ceramic, no odor, moist at approximately 8.0 ft.										
				PID=0.0 ppm										
4														
6														
8	S1 8 - 10.0			Note: Slow groundwater, seepage at approximately 10.0 ft. FILL PID=0.0 ppm										
10		10.1		Bottom of Exploration at 10.1 ft.										
				Sample S1 was submitted to the laboratory for analysis.										

Obstructions:

Remarks:

Field Tests

Dilatancy	R - Rapid S - Slow N - None
Toughness	L - Low M - Medium H - High
Plasticity	N - Nonplastic L - Low M - Medium H - High
Dry Strength	N - None L - Low M - Medium H - High V - Very High

Standing Water in Completed Pit

at depth -- ft
measured after hours elapsed

Boulders

Diameter (in.)	Number		Approx. Vol. (cu.ft)
12 to 24	0	=	--
over 24	0	=	--

Test Pit Dimensions (ft)

Pit Length x Width (ft)
Pit Depth (ft) 11.0

NOTE: Soil identification based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HA TESTPIT-07-1 HA-LIB07-1.GLB HA-TP07-1.GDT G:\PROJECTS\33879\007 SUPP SITE INVEST\FIELD LOGS\33879-007NEWTP.GPJ Mar 2, 09

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No. MW-1
Boring No. MW-1

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	12/1/2006
DRILLER	S. Loranty	**WATER LEVEL**	5.23

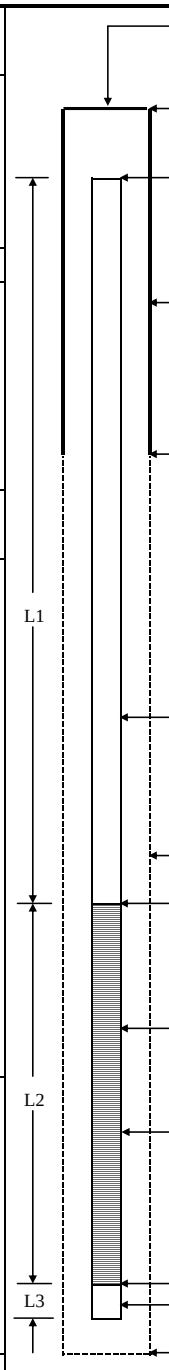
Ground El. 514.1 ft
El. Datum City of Rochester

Location SEE PLAN

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	1.0
	PIPE & SAND
FILL	1.2
	PIPE & SEAL
	2.0
	PIPE & SAND
	2.5
	SCREEN & SAND
7.0	
WEATHERED BEDROCK	
7.5	7.5
BEDROCK	SUMP & BENTONITE GROUT
9.5	**9.5**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock Expansion Plug

Height of top of roadway box above ground surface 0.0 ft

Depth of top of riser pipe below ground surface 0.33 ft

Type of protective casing: Roadway Box
Length 1 ft
Inside Diameter 6 in

Depth of bottom of roadway box 1 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0.0	1.0
Bentonite Seal	1.2	0.8

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe 2.0 in
Type of backfill around riser Seals (see above)

Diameter of borehole 4.0 in

Depth to top of well screen 2.5 ft

Type of screen Schedule 40 PVC
Screen gauge or size of openings 0.010 in
Diameter of screen 2.0 in
Type of backfill around screen #1 Filter Sand

Depth of bottom of well screen 7.5 ft

Bottom of silt trap/sump 9.5 ft

Depth of bottom of borehole 9.5 ft

2.5 ft	+	5 ft	+	2 ft	=	9.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

Form # 3010

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No. MW-2

Boring No. MW-2

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	11/28/2006
DRILLER	S. Loranty	**WATER LEVEL**	10.06

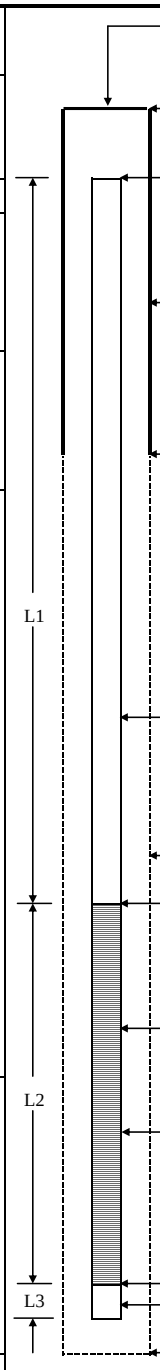
Ground El. 512.8 ft
El. Datum City of Rochester

Location SEE PLAN

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE 1.5
	PIPE & SAND 2.0
FILL	PIPE & SEAL 3.5
	PIPE & SAND 5.0
	SCREEN & SAND
15 CONCRETE 15.6	15
BEDROCK	SUMP & BENTONITE GROUT
17	**17**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



Type of protective cover/lock Expansion Plug

Height/Depth of top of guard pipe/roadway box above ground surface 0.0 ft

Height of top of riser pipe below ground surface 0.22 ft

Type of protective casing: Roadway Box
Length 1 ft
Inside Diameter 6 in

Depth of bottom of roadway box 1 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	2.0
Bentonite Seal	2.0	1.5

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe 2.0 in
Type of backfill around riser Seals (see above)

Diameter of borehole 4.0 in

Depth to top of well screen 5.0 ft

Type of screen Schedule 40 PVC
Screen gauge or size of openings 0.010 in
Diameter of screen 2.0 in
Type of backfill around screen #1 Filter Sand

Depth of bottom of well screen 15.0 ft

Bottom of silt trap/sump 17.0 ft

Depth of bottom of borehole 17.0 ft

(Not to Scale)

Riser Pay Length (L1)	+	Length of screen (L2)	+	Length of silt trap (L3)	=	Pay length
5 ft		10 ft		2 ft		17 ft

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

HALEY & ALDRICH

OBSERVATION WELL INSTALLATION REPORT

Well No. MW-3

Boring No. MW-3

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	11/27/2006
DRILLER	S. Loranty	**WATER LEVEL**	11.84

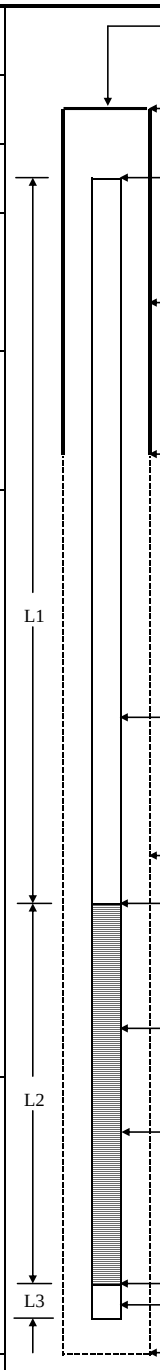
Ground El. 513.6 ft
El. Datum City of Rochester

Location SEE PLAN

☑ **Guard Pipe**
☐ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE 0.8
	PIPE & SAND 1.0
	PIPE & SEAL 2.5
	PIPE & SAND 3.0
FILL	SCREEN & SAND
11.1 BEDROCK	11.1 SUMP & BENTONITE GROUT
13.1	**13.1**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height of top of guard pipe above ground surface: VARIES ft

Depth of top of riser pipe above ground surface: 2.99 ft

Type of protective casing: Guard Pipe
Length: 4 ft
Inside Diameter: 6 in

Depth of bottom of guard pipe: 1.0 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	+0.25	1.05
Bentonite Seal	1.0	1.5

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe: 2.0 in
Type of backfill around riser: Seals (see above)

Diameter of borehole: 4.0 in

Depth to top of well screen: 3.0 ft

Type of screen: Schedule 40 PVC
Screen gauge or size of openings: 0.010 in
Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 11.1 ft

Bottom of silt trap/sump: 13.1 ft

Depth of bottom of borehole: 13.1 ft

3 ft	+	8.1 ft	+	2 ft	=	13.1 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No.
MW-4
Boring No.
MW-4

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	11/29/2006
DRILLER	S. Loranty	**WATER LEVEL**	16.04

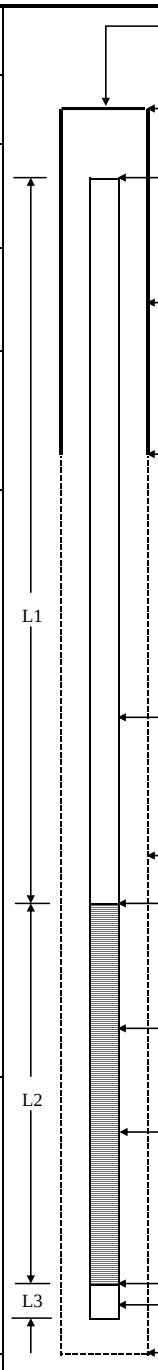
Ground El. 513.1 ft
El. Datum City of Rochester

Location SEE PLAN

☑ **Guard Pipe**
☐ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	1.5 PIPE & SAND
FILL	2.0 PIPE & SEAL
	3.5 PIPE & SAND
	4.0
6.0	
LACUSTRINE	SCREEN & SAND
13.0	13.0
BEDROCK	SUMP & BENTONITE GROUT
15.0	**15.0**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height of top of guard pipe above ground surface: VARIES ft

Depth of top of riser pipe above ground surface: 2.8 ft

Type of protective casing: Guard Pipe
Length: 4 ft
Inside Diameter: 6 in

Depth of bottom of guard pipe: 1.2 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	1.5
Bentonite Seal	2.0	1.5

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe: 2.0 in
Type of backfill around riser:

Diameter of borehole: 4.0 in

Depth to top of well screen: 4.0 ft

Type of screen: Schedule 40 PVC
Screen gauge or size of openings: 0.010 in
Diameter of screen: 2.0 in
Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 13.0 ft

Bottom of silt trap/sump: 15.0 ft

Depth of bottom of borehole: 15.0 ft

4 ft	+	9 ft	+	2 ft	=	15 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No. MW-5

Boring No. MW-5

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	11/30/2006
DRILLER	S. Loranty	**WATER LEVEL**	9.68

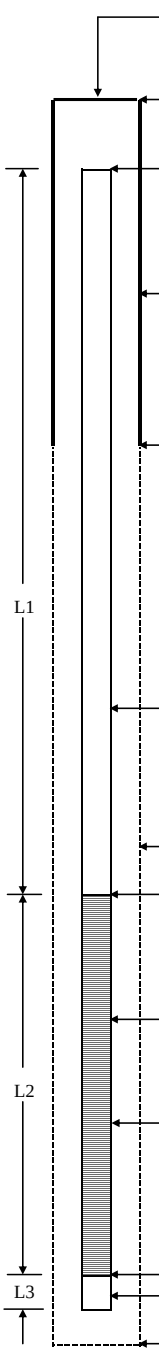
Ground El. 514.2 ft
El. Datum City of Rochester

Location SEE PLAN

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
	1.5 PIPE & SAND
	2.0 PIPE & SEAL
	3.5 PIPE & SAND
FILL	4.0
	SCREEN & SAND
11.9 GLACIAL TILL	
13.2 WEATHERED ROCK	
13.5 BEDROCK	10.5 SUMP & BENTONITE GROUT
15.5	**12.5**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock: Expansion Plug

Height of top of roadway box above ground surface: 0.0 ft

Depth of top of riser pipe below ground surface: 0.15 ft

Type of protective casing: Roadway Box
Length: 1 ft
Inside Diameter: 6 in

Depth of bottom of roadway box: 1 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	1.5
Bentonite Seal	2.0	1.5

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe: 2.0 in
Type of backfill around riser: Sand & Seal (s)

Diameter of borehole: 6.0 in

Depth to top of well screen: 4.5 ft

Type of screen: Schedule 40 PVC
Screen gauge or size of openings: 0.010 in
Diameter of screen: 2.0 in

Type of backfill around screen: #1 Filter Sand

Depth of bottom of well screen: 13.5 ft

Bottom of Silt trap/sump: 15.5 ft

Depth of bottom of borehole: 15.5 ft

4.5 ft	+	9 ft	+	2 ft	=	15.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No. MW-6

Boring No. MW-6

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	12/5/2006
DRILLER	S. Loranty	**WATER LEVEL**	6.11

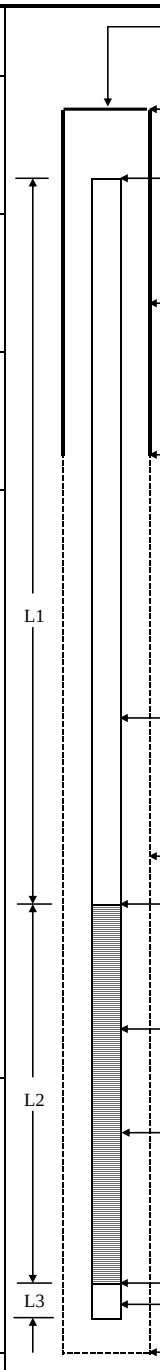
Ground El. 511.8 ft
El. Datum City of Rochester

Location SEE PLAN

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
2.0	
	PIPE & SEAL
3.5	
	PIPE & SAND
4.5	
FILL	SCREEN & SAND
7.8	
ORGANIC DEPOSIT	
10.2	
WEATHERED ROCK	
10.5	10.5
BEDROCK	SUMP & BENTONITE GROUT
12.5	**12.5**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock	Expansion Plug
Height of top of guard pipe above ground surface	0.0 ft
Depth of top of riser pipe below ground surface	0.13 ft
Type of protective casing:	Roadway Box
Length	1 ft
Inside Diameter	6 in
Depth of bottom of guard roadway box	1 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	2
Bentonite Seal	2.0	1.5

Type of riser pipe:	Schedule 40 PVC
Inside diameter of riser pipe	2.0 in
Type of backfill around riser	Sand & Seal (s)
Diameter of borehole	6.0 in
Depth to top of well screen	4.5 ft
Type of screen	Schedule 40 PVC
Screen gauge or size of openings	0.010 in
Diameter of screen	2.0 in
Type of backfill around screen	#1 Filter Sand
Depth of bottom of well screen	10.5 ft
Bottom of silt trap/sump	12.5 ft
Depth of bottom of borehole	12.5 ft

4.5 ft	+	6 ft	+	2 ft	=	12.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No. MW-7

Boring No. MW-7

PROJECT	Canal Street Former MGP Site,	**H&A FILE NO.**	33879-001
LOCATION	Rochester, New York	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	Nothnagle Drilling	**DATE INSTALLED**	12/4/2006
DRILLER	S. Loranty	**WATER LEVEL**	11.83

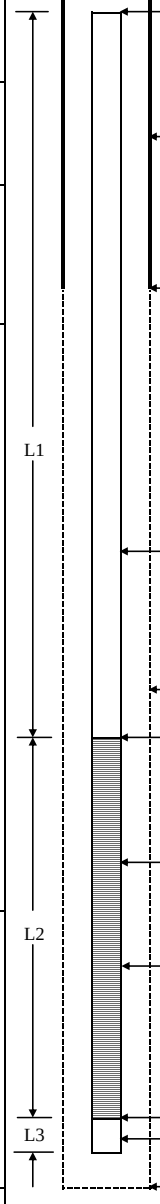
Ground El. 514.6 ft
El. Datum City of Rochester

Location SEE PLAN

☐ **Guard Pipe**
☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
	PIPE & CONCRETE
1.0	
	PIPE & SAND
1.2	
	PIPE & SEAL
2.0	
	PIPE & SAND
2.5	
FILL	
	SCREEN &
8.0	SAND
LACUSTRINE	
12.0	
WEATHERED ROCK	
12.3	
12.5	
	SUMP &
BEDROCK	BENTONITE GROUT
14.5	**14.5**

(Bottom of Exploration)
(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock Expansion Plug

Height of top of roadway box above ground surface 0.0 ft

Depth of top of riser pipe below ground surface 0.11 ft

Type of protective casing: Roadway Box
Length 1 ft
Inside Diameter 6 in

Depth of bottom of guard roadway box 1 ft

Type of Seals	Top of Seal (ft)	Thickness (ft)
Concrete	0	1
Bentonite Seal	1.2	0.8

Type of riser pipe: Schedule 40 PVC
Inside diameter of riser pipe 2.0 in
Type of backfill around riser Sand & Seal (s)

Diameter of borehole 6.0 in

Depth to top of well screen 2.5 ft

Type of screen Schedule 40 PVC
Screen gauge or size of openings 0.010 in
Diameter of screen 2.0 in
Type of backfill around screen #1 Filter Sand

Depth of bottom of well screen 12.5 ft

Bottom of silt trap/sump 14.5 ft

Depth of bottom of borehole 14.5 ft

7 ft	+	5.5 ft	+	2 ft	=	14.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (A)

Form # 3010

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No.	Boring No.
MW-8	MW-8

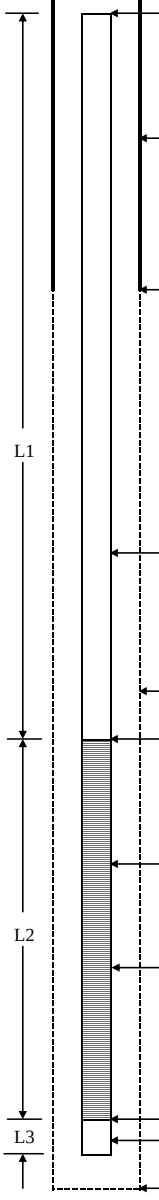
PROJECT	Canal Street Former MGP Site	**H&A FILE NO.**	32077-007
LOCATION	Rochester, NY	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	GeoLogic NY, Inc.	**DATE INSTALLED**	8/29/2008
DRILLER	S. Breeds	**WATER LEVEL**	7.2 ft

Ground El. 512.69 ft **Location** See Site Plan ☐ **Guard Pipe**

El. Datum ☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
0.0-4.3 Fill	Pipe + Concrete 0.0-1.0
	Pipe + Seal 1.0-2.0
	Pipe + Sand 2.0-3.0
4.3-8.7 Alluvial Deposits	Screen + sand 3.0-12.0
8.7-9.0 Glacial Till	
9.0-12.0 Bedrock	
12 (Bottom of Exploration)	12

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock	Roadway Box / Expansion Plug
Depth of top of roadway box above/below ground surface	0.0 ft
Depth of top of riser pipe below ground surface	0.3 ft
Type of protective casing:	Roadway Box
Length	0.8 ft
Inside Diameter	6.000 in
Depth of bottom of guard pipe/roadway box	0.8 ft

	Type of Seals	Top of Seal (ft)	Thickness (ft)
(Pipe + Concrete)	Concrete	0.0	1.0
Pipe + Seal)	Bentonite Seal	1.0	1.0

Type of riser pipe:	Schedule 40 PVC
Inside diameter of riser pipe	2.0 in
Type of backfill around riser	Filter sand + seals
Diameter of borehole	4.0 in
Depth to top of well screen	3.0 ft
Type of screen	Schedule 40 PVC
Screen gauge or size of openings	0.010 in
Diameter of screen	2.0 in
Type of backfill around screen	Filter Sand
Depth of bottom of well screen	12.0 ft
Bottom of Silt trap (Flush slip-cap on bottom)	N/A ft
Depth of bottom of borehole	12.0 ft

2.67 ft	+	9 ft	+	N/A ft	=	11.67 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (B)

OBSERVATION WELL INSTALLATION REPORT

HALEY & ALDRICH

Well No.	Boring No.
MW-9	MW-9

PROJECT	Canal Street Former MGP Site	**H&A FILE NO.**	33879-007
LOCATION	Rochester, NY	**PROJECT MGR.**	J. Babcock, P.E.
CLIENT	Rochester Gas & Electric	**FIELD REP.**	S. Poff
CONTRACTOR	GeoLogic NY, Inc.	**DATE INSTALLED**	9/2/2008
DRILLER	S. Breeds	**WATER LEVEL**	Approx. 4.5-7.2 ft

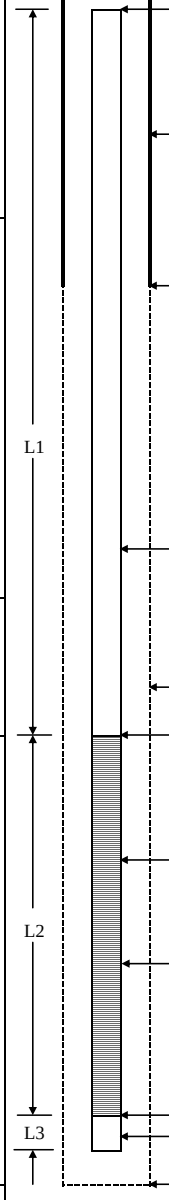
Ground El. 513.53 ft **Location** See Site Plan ☐ **Guard Pipe**

El. Datum ☑ **Roadway Box**

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL
0.0-0.3 Concrete	Pipe + Concrete 0.0-0.5
	Pipe + Seal 0.5-1.5
0.3-4.0 Fill	Pipe + Sand 1.5-2.0
	Screen + Sand 2.0-8.5
4.0-5.5 Glacial Till	
5.5-8.5 Bedrock	
8.5	**8.5**

(Bottom of Exploration)

(Numbers refer to depth from ground surface in feet)



(Not to Scale)

Type of protective cover/lock Roadway Box / Expansion Plug

Depth of top of roadway box above/below ground surface 0.0 ft

Depth of top of riser pipe below ground surface 0.35 ft

Type of protective casing: Roadway Box

Length 0.8 ft

Inside Diameter 6.000 in

Depth of bottom of guard pipe/roadway box 0.8 ft

	Type of Seals	Top of Seal (ft)	Thickness (ft)
(Pipe + Concrete)	Concrete	0.0	0.5
(Pipe + Seal)	Bentonite Seal	0.5	1.0

Type of riser pipe: Schedule 40 PVC

Inside diameter of riser pipe 2.0 in

Type of backfill around riser Filter sand + seals

Diameter of borehole 4.0 in

Depth to top of well screen 2.0 ft

Type of screen Schedule 40 PVC

Screen gauge or size of openings 0.010 in

Diameter of screen 2.0 in

Type of backfill around screen Filter sand

Depth of bottom of well screen 8.5 ft

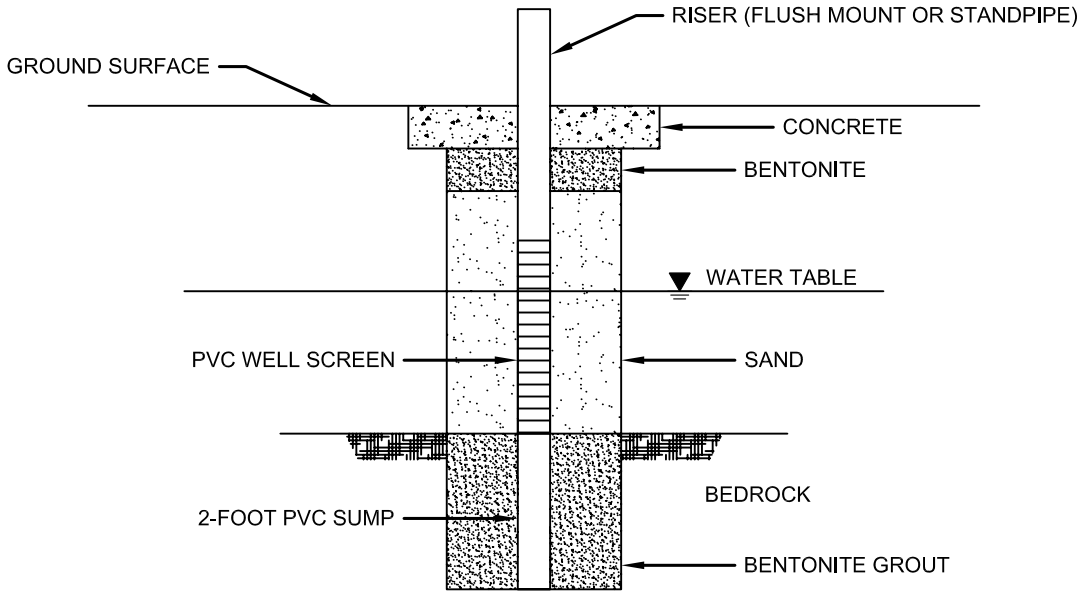
Bottom of Silt trap (Flush slip-cap at bottom) N/A ft

Depth of bottom of borehole 8.5 ft

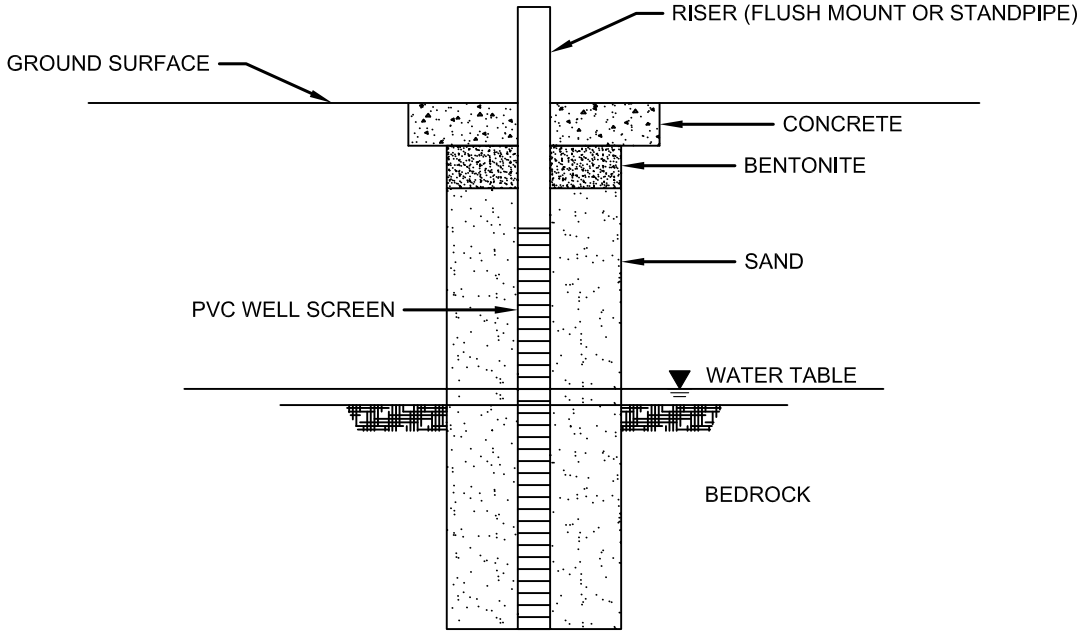
2.65 ft	+	6.5 ft	+	N/A ft	=	9.15 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: SEE APPENDED OBSERVATION WELL INSTALLATION REPORT DETAILS (B)

A. SUMP DETAIL



B. BEDROCK INTERFACE WELL



NOTE: A BEDROCK INTERFACE WELL WAS INSTALLED IF SATURATED CONDITIONS WERE ENCOUNTERED LESS THAN 5 FEET ABOVE BEDROCK.

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NEW YORK

OBSERVATION WELL INSTALLATION REPORT DETAILS

SCALE: NOT TO SCALE
FEBRUARY 2009

G:\PROJECTS\338879\007 SUPP SITE INVEST\CAD\338879-007-0000-WELL_DETAIL.DWG

APPENDIX B

Site Location Aerial Photograph and Photographs of Test Pit Excavations

N
W E
S

0 100 200

SCALE IN FEET

HALEY & ALDRICH

ROCHESTER GAS & ELECTRIC
CANAL STREET FORMER MGP SITE
ROCHESTER, NY

SITE LOCATION WITH AERIAL PHOTOGRAPHY

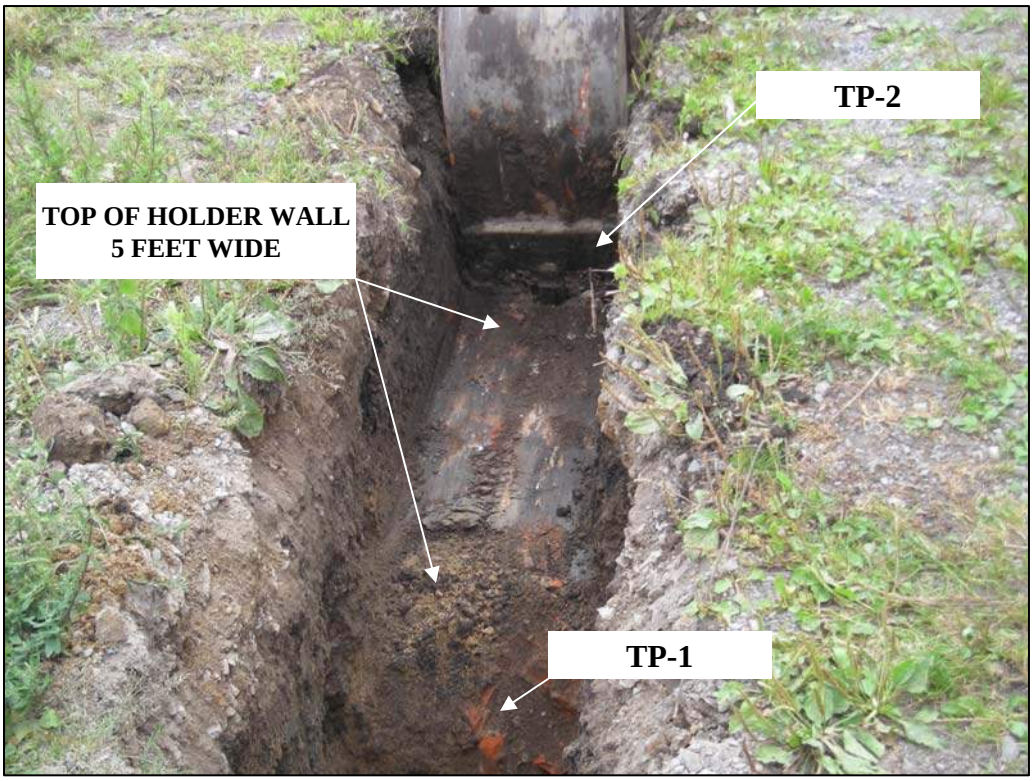
SCALE: AS SHOWN
MARCH 2009

FIGURE 2

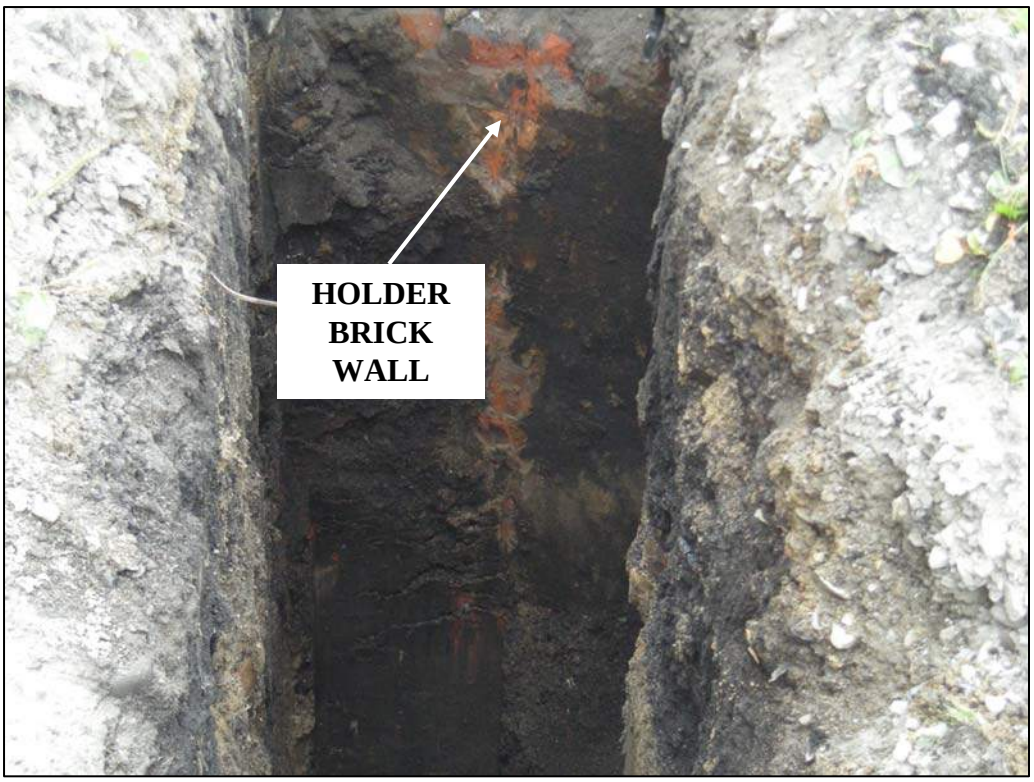
G:\Projects\33879\GIS\MapProjects\2009_0302_HAI_AirPhotoAP_D1.mxd

TP-1 (OUTSIDE OF THE HOLDER)

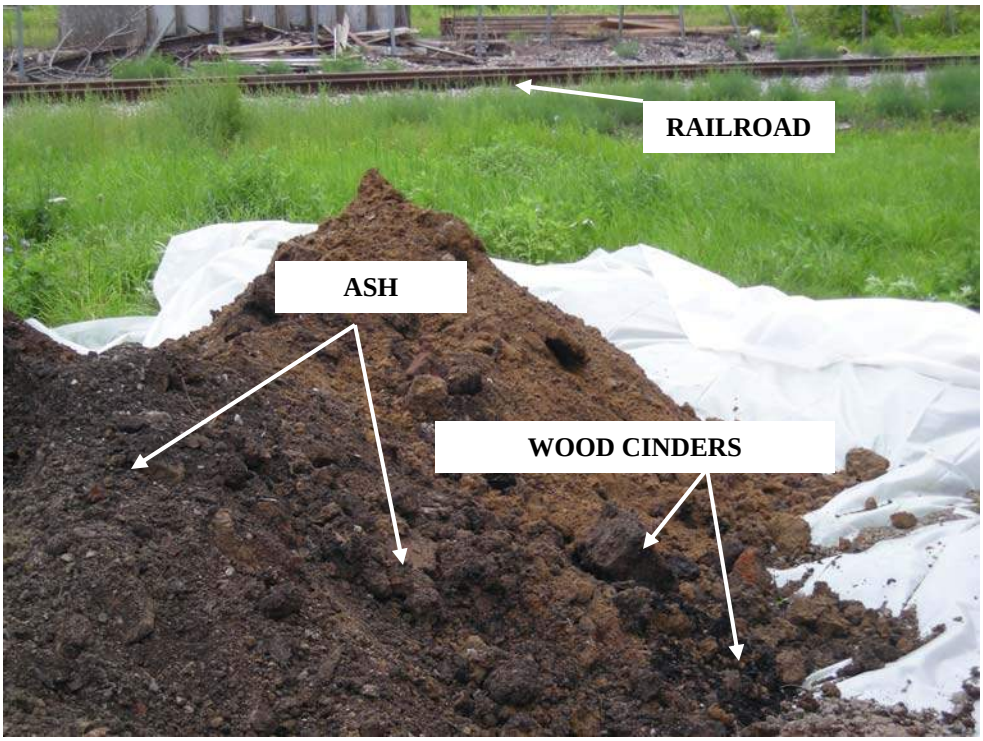
TP-1 (OUTSIDE OF THE HOLDER)



TP-1/TP-2 (TOP OF HOLDER WALL)



TP-2 (HOLDER WALL- INSIDE HOLDER)



TP-2 SOIL PILE

TP-3 (BROWN AND GRAY SANDS)

TP-3 (INSIDE HOLDER)

TP-3 (HOLDER WALL EXPOSED)

TP-4 (INSIDE HOLDER)

TP-4 (INSIDE HOLDER)

TP-4 (HOLDER WALL EXPOSED)

APPENDIX C

Community Air Monitoring Data

pDR-1000 S/N: 06784
Tag Number: 01
Number of logged points: 408
Start time and date: 10:16:35 25-Aug
Elapsed time: 06:48:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.749 mg/m³
Time at maximum: 11:08:51 Aug 25
Max STEL Concentration: 0.042 mg/m³
Time at max STEL: 10:59:35 Aug 25
Overall Avg Conc: 0.012 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	25-Aug	10:17:35	0.038
2	25-Aug	10:18:35	0.034
3	25-Aug	10:19:35	0.028
4	25-Aug	10:20:35	0.014
5	25-Aug	10:21:35	0.018
6	25-Aug	10:22:35	0.012
7	25-Aug	10:23:35	0.007
8	25-Aug	10:24:35	0.012
9	25-Aug	10:25:35	0.014
10	25-Aug	10:26:35	0.034
11	25-Aug	10:27:35	0.028
12	25-Aug	10:28:35	0.015
13	25-Aug	10:29:35	0.022
14	25-Aug	10:30:35	0.009
15	25-Aug	10:31:35	0.027
16	25-Aug	10:32:35	0.013
17	25-Aug	10:33:35	0.004
18	25-Aug	10:34:35	0.002
19	25-Aug	10:35:35	0.003
20	25-Aug	10:36:35	0.003
21	25-Aug	10:37:35	0.006
22	25-Aug	10:38:35	0.015
23	25-Aug	10:39:35	0.004
24	25-Aug	10:40:35	0.018
25	25-Aug	10:41:35	0.028
26	25-Aug	10:42:35	0.006
27	25-Aug	10:43:35	0.006
28	25-Aug	10:44:35	0.007
29	25-Aug	10:45:35	0.003
30	25-Aug	10:46:35	0.022
31	25-Aug	10:47:35	0.067
32	25-Aug	10:48:35	0.018
33	25-Aug	10:49:35	0.009
34	25-Aug	10:50:35	0.012
35	25-Aug	10:51:35	0.006
36	25-Aug	10:52:35	0.105
37	25-Aug	10:53:35	0.061
38	25-Aug	10:54:35	0.078

39	25-Aug	10:55:35	0.058
40	25-Aug	10:56:35	0.073
41	25-Aug	10:57:35	0.044
42	25-Aug	10:58:35	0.048
43	25-Aug	10:59:35	0.026
44	25-Aug	11:00:35	0.006
45	25-Aug	11:01:35	0.003
46	25-Aug	11:02:35	0.022
47	25-Aug	11:03:35	0.013
48	25-Aug	11:04:35	0.019
49	25-Aug	11:05:35	0.005
50	25-Aug	11:06:35	0.015
51	25-Aug	11:07:35	0.009
52	25-Aug	11:08:35	0.047
53	25-Aug	11:09:35	0.181
54	25-Aug	11:10:35	0.037
55	25-Aug	11:11:35	0.09
56	25-Aug	11:12:35	0.021
57	25-Aug	11:13:35	0.01
58	25-Aug	11:14:35	0.016
59	25-Aug	11:15:35	0.019
60	25-Aug	11:16:35	0.007
61	25-Aug	11:17:35	0.01
62	25-Aug	11:18:35	0.001
63	25-Aug	11:19:35	0.002
64	25-Aug	11:20:35	0.02
65	25-Aug	11:21:35	0.004
66	25-Aug	11:22:35	0.002
67	25-Aug	11:23:35	0.002
68	25-Aug	11:24:35	0.003
69	25-Aug	11:25:35	0.005
70	25-Aug	11:26:35	0.003
71	25-Aug	11:27:35	0
72	25-Aug	11:28:35	0.001
73	25-Aug	11:29:35	0.01
74	25-Aug	11:30:35	0.002
75	25-Aug	11:31:35	0.006
76	25-Aug	11:32:35	0.008
77	25-Aug	11:33:35	0.006
78	25-Aug	11:34:35	0.01
79	25-Aug	11:35:35	0.005
80	25-Aug	11:36:35	0.003
81	25-Aug	11:37:35	0
82	25-Aug	11:38:35	0.002
83	25-Aug	11:39:35	0.007
84	25-Aug	11:40:35	0.001
85	25-Aug	11:41:35	0.006
86	25-Aug	11:42:35	0.017
87	25-Aug	11:43:35	0.007
88	25-Aug	11:44:35	0.01
89	25-Aug	11:45:35	0.005
90	25-Aug	11:46:35	0.004

91	25-Aug	11:47:35	0.005
92	25-Aug	11:48:35	0.002
93	25-Aug	11:49:35	0
94	25-Aug	11:50:35	0.002
95	25-Aug	11:51:35	0.002
96	25-Aug	11:52:35	0.001
97	25-Aug	11:53:35	0.012
98	25-Aug	11:54:35	0.003
99	25-Aug	11:55:35	0.002
100	25-Aug	11:56:35	0.006
101	25-Aug	11:57:35	0.011
102	25-Aug	11:58:35	0.001
103	25-Aug	11:59:35	0
104	25-Aug	12:00:35	0
105	25-Aug	12:01:35	0.003
106	25-Aug	12:02:35	0
107	25-Aug	12:03:35	0
108	25-Aug	12:04:35	0.002
109	25-Aug	12:05:35	0
110	25-Aug	12:06:35	0
111	25-Aug	12:07:35	0.001
112	25-Aug	12:08:35	0
113	25-Aug	12:09:35	0.001
114	25-Aug	12:10:35	0.002
115	25-Aug	12:11:35	0
116	25-Aug	12:12:35	0
117	25-Aug	12:13:35	0.002
118	25-Aug	12:14:35	0.001
119	25-Aug	12:15:35	0.004
120	25-Aug	12:16:35	0.013
121	25-Aug	12:17:35	0.003
122	25-Aug	12:18:35	0.007
123	25-Aug	12:19:35	0.005
124	25-Aug	12:20:35	0.007
125	25-Aug	12:21:35	0.002
126	25-Aug	12:22:35	0.004
127	25-Aug	12:23:35	0
128	25-Aug	12:24:35	0.005
129	25-Aug	12:25:35	0.004
130	25-Aug	12:26:35	0.006
131	25-Aug	12:27:35	0.002
132	25-Aug	12:28:35	0.048
133	25-Aug	12:29:35	0.074
134	25-Aug	12:30:35	0.036
135	25-Aug	12:31:35	0.015
136	25-Aug	12:32:35	0.004
137	25-Aug	12:33:35	0.012
138	25-Aug	12:34:35	0.031
139	25-Aug	12:35:35	0.008
140	25-Aug	12:36:35	0.018
141	25-Aug	12:37:35	0.008
142	25-Aug	12:38:35	0.011

143	25-Aug	12:39:35	0.065
144	25-Aug	12:40:35	0.022
145	25-Aug	12:41:35	0.02
146	25-Aug	12:42:35	0.011
147	25-Aug	12:43:35	0.014
148	25-Aug	12:44:35	0.019
149	25-Aug	12:45:35	0.029
150	25-Aug	12:46:35	0.002
151	25-Aug	12:47:35	0.003
152	25-Aug	12:48:35	0.004
153	25-Aug	12:49:35	0.002
154	25-Aug	12:50:35	0.034
155	25-Aug	12:51:35	0.022
156	25-Aug	12:52:35	0.016
157	25-Aug	12:53:35	0.069
158	25-Aug	12:54:35	0.013
159	25-Aug	12:55:35	0.051
160	25-Aug	12:56:35	0.021
161	25-Aug	12:57:35	0.02
162	25-Aug	12:58:35	0.002
163	25-Aug	12:59:35	0.045
164	25-Aug	13:00:35	0.01
165	25-Aug	13:01:35	0.039
166	25-Aug	13:02:35	0.007
167	25-Aug	13:03:35	0.012
168	25-Aug	13:04:35	0.016
169	25-Aug	13:05:35	0.072
170	25-Aug	13:06:35	0.023
171	25-Aug	13:07:35	0.008
172	25-Aug	13:08:35	0.039
173	25-Aug	13:09:35	0.013
174	25-Aug	13:10:35	0.019
175	25-Aug	13:11:35	0
176	25-Aug	13:12:35	0.003
177	25-Aug	13:13:35	0.009
178	25-Aug	13:14:35	0.024
179	25-Aug	13:15:35	0.007
180	25-Aug	13:16:35	0
181	25-Aug	13:17:35	0.037
182	25-Aug	13:18:35	0.007
183	25-Aug	13:19:35	0.006
184	25-Aug	13:20:35	0.006
185	25-Aug	13:21:35	0.002
186	25-Aug	13:22:35	0.007
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190	25-Aug	13:26:35	0.022
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194	25-Aug	13:30:35	0.001

195	25-Aug	13:31:35	0
196	25-Aug	13:32:35	0
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198	25-Aug	13:34:35	0.001
199	25-Aug	13:35:35	0
200	25-Aug	13:36:35	0
201	25-Aug	13:37:35	0
202	25-Aug	13:38:35	0.002
203	25-Aug	13:39:35	0
204	25-Aug	13:40:35	0
205	25-Aug	13:41:35	0.001
206	25-Aug	13:42:35	0
207	25-Aug	13:43:35	0.003
208	25-Aug	13:44:35	0.005
209	25-Aug	13:45:35	0.003
210	25-Aug	13:46:35	0.019
211	25-Aug	13:47:35	0.014
212	25-Aug	13:48:35	0.012
213	25-Aug	13:49:35	0.008
214	25-Aug	13:50:35	0.009
215	25-Aug	13:51:35	0.008
216	25-Aug	13:52:35	0.009
217	25-Aug	13:53:35	0.003
218	25-Aug	13:54:35	0.004
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222	25-Aug	13:58:35	0
223	25-Aug	13:59:35	0
224	25-Aug	14:00:35	0.011
225	25-Aug	14:01:35	0.007
226	25-Aug	14:02:35	0.001
227	25-Aug	14:03:35	0.003
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230	25-Aug	14:06:35	0.002
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232	25-Aug	14:08:35	0.001
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238	25-Aug	14:14:35	0.001
239	25-Aug	14:15:35	0
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241	25-Aug	14:17:35	0.002
242	25-Aug	14:18:35	0.007
243	25-Aug	14:19:35	0.007
244	25-Aug	14:20:35	0.055
245	25-Aug	14:21:35	0.032
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251	25-Aug	14:27:35	0.01
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253	25-Aug	14:29:35	0.01
254	25-Aug	14:30:35	0.014
255	25-Aug	14:31:35	0.013
256	25-Aug	14:32:35	0.009
257	25-Aug	14:33:35	0.011
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260	25-Aug	14:36:35	0.048
261	25-Aug	14:37:35	0.001
262	25-Aug	14:38:35	0.004
263	25-Aug	14:39:35	0.014
264	25-Aug	14:40:35	0.012
265	25-Aug	14:41:35	0.008
266	25-Aug	14:42:35	0.002
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269	25-Aug	14:45:35	0.004
270	25-Aug	14:46:35	0.03
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275	25-Aug	14:51:35	0.004
276	25-Aug	14:52:35	0.005
277	25-Aug	14:53:35	0.023
278	25-Aug	14:54:35	0.001
279	25-Aug	14:55:35	0.007
280	25-Aug	14:56:35	0.001
281	25-Aug	14:57:35	0.015
282	25-Aug	14:58:35	0.009
283	25-Aug	14:59:35	0
284	25-Aug	15:00:35	0.001
285	25-Aug	15:01:35	0.015
286	25-Aug	15:02:35	0.002
287	25-Aug	15:03:35	0.008
288	25-Aug	15:04:35	0.006
289	25-Aug	15:05:35	0.011
290	25-Aug	15:06:35	0.003
291	25-Aug	15:07:35	0.049
292	25-Aug	15:08:35	0.009
293	25-Aug	15:09:35	0.033
294	25-Aug	15:10:35	0.02
295	25-Aug	15:11:35	0.033
296	25-Aug	15:12:35	0.011
297	25-Aug	15:13:35	0.009
298	25-Aug	15:14:35	0.077

299	25-Aug	15:15:35	0.057
300	25-Aug	15:16:35	0.008
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302	25-Aug	15:18:35	0.001
303	25-Aug	15:19:35	0.004
304	25-Aug	15:20:35	0.001
305	25-Aug	15:21:35	0
306	25-Aug	15:22:35	0.001
307	25-Aug	15:23:35	0.001
308	25-Aug	15:24:35	0.013
309	25-Aug	15:25:35	0.004
310	25-Aug	15:26:35	0.011
311	25-Aug	15:27:35	0.001
312	25-Aug	15:28:35	0.004
313	25-Aug	15:29:35	0.002
314	25-Aug	15:30:35	0.002
315	25-Aug	15:31:35	0
316	25-Aug	15:32:35	0
317	25-Aug	15:33:35	0.011
318	25-Aug	15:34:35	0.03
319	25-Aug	15:35:35	0.012
320	25-Aug	15:36:35	0.014
321	25-Aug	15:37:35	0.021
322	25-Aug	15:38:35	0.035
323	25-Aug	15:39:35	0.023
324	25-Aug	15:40:35	0.034
325	25-Aug	15:41:35	0.027
326	25-Aug	15:42:35	0.014
327	25-Aug	15:43:35	0.001
328	25-Aug	15:44:35	0.016
329	25-Aug	15:45:35	0.022
330	25-Aug	15:46:35	0.018
331	25-Aug	15:47:35	0.01
332	25-Aug	15:48:35	0.005
333	25-Aug	15:49:35	0.036
334	25-Aug	15:50:35	0.013
335	25-Aug	15:51:35	0.022
336	25-Aug	15:52:35	0.018
337	25-Aug	15:53:35	0.016
338	25-Aug	15:54:35	0.009
339	25-Aug	15:55:35	0.002
340	25-Aug	15:56:35	0.009
341	25-Aug	15:57:35	0.012
342	25-Aug	15:58:35	0.01
343	25-Aug	15:59:35	0.021
344	25-Aug	16:00:35	0.047
345	25-Aug	16:01:35	0.014
346	25-Aug	16:02:35	0.029
347	25-Aug	16:03:35	0.006
348	25-Aug	16:04:35	0.018
349	25-Aug	16:05:35	0.025
350	25-Aug	16:06:35	0.033

351	25-Aug	16:07:35	0.006
352	25-Aug	16:08:35	0.019
353	25-Aug	16:09:35	0.048
354	25-Aug	16:10:35	0.011
355	25-Aug	16:11:35	0.005
356	25-Aug	16:12:35	0.004
357	25-Aug	16:13:35	0.007
358	25-Aug	16:14:35	0.005
359	25-Aug	16:15:35	0.017
360	25-Aug	16:16:35	0.017
361	25-Aug	16:17:35	0.002
362	25-Aug	16:18:35	0.004
363	25-Aug	16:19:35	0.003
364	25-Aug	16:20:35	0.002
365	25-Aug	16:21:35	0.005
366	25-Aug	16:22:35	0.018
367	25-Aug	16:23:35	0.015
368	25-Aug	16:24:35	0.017
369	25-Aug	16:25:35	0.013
370	25-Aug	16:26:35	0.005
371	25-Aug	16:27:35	0.014
372	25-Aug	16:28:35	0.005
373	25-Aug	16:29:35	0.006
374	25-Aug	16:30:35	0.003
375	25-Aug	16:31:35	0.004
376	25-Aug	16:32:35	0.003
377	25-Aug	16:33:35	0.016
378	25-Aug	16:34:35	0.022
379	25-Aug	16:35:35	0.003
380	25-Aug	16:36:35	0.018
381	25-Aug	16:37:35	0.004
382	25-Aug	16:38:35	0.004
383	25-Aug	16:39:35	0.005
384	25-Aug	16:40:35	0.006
385	25-Aug	16:41:35	0.01
386	25-Aug	16:42:35	0.009
387	25-Aug	16:43:35	0.002
388	25-Aug	16:44:35	0.046
389	25-Aug	16:45:35	0.003
390	25-Aug	16:46:35	0.071
391	25-Aug	16:47:35	0.021
392	25-Aug	16:48:35	0.012
393	25-Aug	16:49:35	0.004
394	25-Aug	16:50:35	0.009
395	25-Aug	16:51:35	0.006
396	25-Aug	16:52:35	0.002
397	25-Aug	16:53:35	0.003
398	25-Aug	16:54:35	0
399	25-Aug	16:55:35	0.005
400	25-Aug	16:56:35	0.008
401	25-Aug	16:57:35	0.005
402	25-Aug	16:58:35	0.004

403	25-Aug	16:59:35	0.002
404	25-Aug	17:00:35	0.002
405	25-Aug	17:01:35	0.004
406	25-Aug	17:02:35	0.012
407	25-Aug	17:03:35	0.028
408	25-Aug	17:04:35	0.003

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pDR-1000 S/N: 06784
Tag Number: 02
Number of logged points: 128
Start time and date: 14:17:24 26-Aug
Elapsed time: 02:08:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.698 mg/m³
Time at maximum: 14:26:16 Aug 26
Max STEL Concentration: 0.150 mg/m³
Time at max STEL: 15:47:24 Aug 26
Overall Avg Conc: 0.125 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	26-Aug	14:18:24	0.11
2	26-Aug	14:19:24	0.112
3	26-Aug	14:20:24	0.074
4	26-Aug	14:21:24	0.074
5	26-Aug	14:22:24	0.066
6	26-Aug	14:23:24	0.053
7	26-Aug	14:24:24	0.084
8	26-Aug	14:25:24	0.088
9	26-Aug	14:26:24	0.354
10	26-Aug	14:27:24	0.307
11	26-Aug	14:28:24	0.324
12	26-Aug	14:29:24	0.152
13	26-Aug	14:30:24	0.066
14	26-Aug	14:31:24	0.078
15	26-Aug	14:32:24	0.063
16	26-Aug	14:33:24	0.091
17	26-Aug	14:34:24	0.112
18	26-Aug	14:35:24	0.069
19	26-Aug	14:36:24	0.132
20	26-Aug	14:37:24	0.094
21	26-Aug	14:38:24	0.099
22	26-Aug	14:39:24	0.128
23	26-Aug	14:40:24	0.127
24	26-Aug	14:41:24	0.12
25	26-Aug	14:42:24	0.108
26	26-Aug	14:43:24	0.117
27	26-Aug	14:44:24	0.09
28	26-Aug	14:45:24	0.13
29	26-Aug	14:46:24	0.138
30	26-Aug	14:47:24	0.112
31	26-Aug	14:48:24	0.092
32	26-Aug	14:49:24	0.081
33	26-Aug	14:50:24	0.116
34	26-Aug	14:51:24	0.114
35	26-Aug	14:52:24	0.111
36	26-Aug	14:53:24	0.109
37	26-Aug	14:54:24	0.115
38	26-Aug	14:55:24	0.143

39	26-Aug	14:56:24	0.118
40	26-Aug	14:57:24	0.132
41	26-Aug	14:58:24	0.13
42	26-Aug	14:59:24	0.143
43	26-Aug	15:00:24	0.168
44	26-Aug	15:01:24	0.143
45	26-Aug	15:02:24	0.143
46	26-Aug	15:03:24	0.122
47	26-Aug	15:04:24	0.136
48	26-Aug	15:05:24	0.14
49	26-Aug	15:06:24	0.133
50	26-Aug	15:07:24	0.162
51	26-Aug	15:08:24	0.142
52	26-Aug	15:09:24	0.138
53	26-Aug	15:10:24	0.127
54	26-Aug	15:11:24	0.128
55	26-Aug	15:12:24	0.113
56	26-Aug	15:13:24	0.134
57	26-Aug	15:14:24	0.133
58	26-Aug	15:15:24	0.125
59	26-Aug	15:16:24	0.123
60	26-Aug	15:17:24	0.127
61	26-Aug	15:18:24	0.177
62	26-Aug	15:19:24	0.205
63	26-Aug	15:20:24	0.166
64	26-Aug	15:21:24	0.112
65	26-Aug	15:22:24	0.144
66	26-Aug	15:23:24	0.143
67	26-Aug	15:24:24	0.148
68	26-Aug	15:25:24	0.167
69	26-Aug	15:26:24	0.129
70	26-Aug	15:27:24	0.136
71	26-Aug	15:28:24	0.139
72	26-Aug	15:29:24	0.133
73	26-Aug	15:30:24	0.142
74	26-Aug	15:31:24	0.133
75	26-Aug	15:32:24	0.124
76	26-Aug	15:33:24	0.135
77	26-Aug	15:34:24	0.183
78	26-Aug	15:35:24	0.136
79	26-Aug	15:36:24	0.151
80	26-Aug	15:37:24	0.125
81	26-Aug	15:38:24	0.146
82	26-Aug	15:39:24	0.15
83	26-Aug	15:40:24	0.144
84	26-Aug	15:41:24	0.133
85	26-Aug	15:42:24	0.175
86	26-Aug	15:43:24	0.166
87	26-Aug	15:44:24	0.15
88	26-Aug	15:45:24	0.141
89	26-Aug	15:46:24	0.159
90	26-Aug	15:47:24	0.155

91	26-Aug	15:48:24	0.138
92	26-Aug	15:49:24	0.131
93	26-Aug	15:50:24	0.126
94	26-Aug	15:51:24	0.139
95	26-Aug	15:52:24	0.142
96	26-Aug	15:53:24	0.13
97	26-Aug	15:54:24	0.122
98	26-Aug	15:55:24	0.163
99	26-Aug	15:56:24	0.149
100	26-Aug	15:57:24	0.175
101	26-Aug	15:58:24	0.179
102	26-Aug	15:59:24	0.151
103	26-Aug	16:00:24	0.152
104	26-Aug	16:01:24	0.144
105	26-Aug	16:02:24	0.106
106	26-Aug	16:03:24	0.14
107	26-Aug	16:04:24	0.139
108	26-Aug	16:05:24	0.14
109	26-Aug	16:06:24	0.154
110	26-Aug	16:07:24	0.119
111	26-Aug	16:08:24	0.099
112	26-Aug	16:09:24	0.109
113	26-Aug	16:10:24	0.083
114	26-Aug	16:11:24	0.087
115	26-Aug	16:12:24	0.066
116	26-Aug	16:13:24	0.082
117	26-Aug	16:14:24	0.072
118	26-Aug	16:15:24	0.088
119	26-Aug	16:16:24	0.084
120	26-Aug	16:17:24	0.121
121	26-Aug	16:18:24	0.086
122	26-Aug	16:19:24	0.063
123	26-Aug	16:20:24	0.053
124	26-Aug	16:21:24	0.032
125	26-Aug	16:22:24	0.048
126	26-Aug	16:23:24	0.031
127	26-Aug	16:24:24	0.049
128	26-Aug	16:25:24	0.037

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pDR-1000 S/N: 06784
Tag Number: 03
Number of logged points: 213
Start time and date: 11:56:46 27-Aug
Elapsed time: 03:33:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 2.807 mg/m³
Time at maximum: 15:30:32 Aug 27
Max STEL Concentration: 0.213 mg/m³
Time at max STEL: 15:30:16 Aug 27
Overall Avg Conc: 0.032 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	27-Aug	11:57:46	0.018
2	27-Aug	11:58:46	0.01
3	27-Aug	11:59:46	0.005
4	27-Aug	12:00:46	0.002
5	27-Aug	12:01:46	0.011
6	27-Aug	12:02:46	0.007
7	27-Aug	12:03:46	0.004
8	27-Aug	12:04:46	0.007
9	27-Aug	12:05:46	0.01
10	27-Aug	12:06:46	0.001
11	27-Aug	12:07:46	0.004
12	27-Aug	12:08:46	0.009
13	27-Aug	12:09:46	0.022
14	27-Aug	12:10:46	0.043
15	27-Aug	12:11:46	0.457
16	27-Aug	12:12:46	0.026
17	27-Aug	12:13:46	0.017
18	27-Aug	12:14:46	0.004
19	27-Aug	12:15:46	0.01
20	27-Aug	12:16:46	0.01
21	27-Aug	12:17:46	0.024
22	27-Aug	12:18:46	0.008
23	27-Aug	12:19:46	0.01
24	27-Aug	12:20:46	0.028
25	27-Aug	12:21:46	0.015
26	27-Aug	12:22:46	0.002
27	27-Aug	12:23:46	0.016
28	27-Aug	12:24:46	0.017
29	27-Aug	12:25:46	0.014
30	27-Aug	12:26:46	0.01
31	27-Aug	12:27:46	0.002
32	27-Aug	12:28:46	0.008
33	27-Aug	12:29:46	0.019
34	27-Aug	12:30:46	0.008
35	27-Aug	12:31:46	0.019
36	27-Aug	12:32:46	0.042
37	27-Aug	12:33:46	0.005
38	27-Aug	12:34:46	0.014

39	27-Aug	12:35:46	0.023
40	27-Aug	12:36:46	0.02
41	27-Aug	12:37:46	0.024
42	27-Aug	12:38:46	0.023
43	27-Aug	12:39:46	0.062
44	27-Aug	12:40:46	0.011
45	27-Aug	12:41:46	0.036
46	27-Aug	12:42:46	0.019
47	27-Aug	12:43:46	0.013
48	27-Aug	12:44:46	0.019
49	27-Aug	12:45:46	0.022
50	27-Aug	12:46:46	0.004
51	27-Aug	12:47:46	0.015
52	27-Aug	12:48:46	0.009
53	27-Aug	12:49:46	0.011
54	27-Aug	12:50:46	0.021
55	27-Aug	12:51:46	0.02
56	27-Aug	12:52:46	0.012
57	27-Aug	12:53:46	0.009
58	27-Aug	12:54:46	0.014
59	27-Aug	12:55:46	0.018
60	27-Aug	12:56:46	0.02
61	27-Aug	12:57:46	0.007
62	27-Aug	12:58:46	0.015
63	27-Aug	12:59:46	0.015
64	27-Aug	13:00:46	0.024
65	27-Aug	13:01:46	0.02
66	27-Aug	13:02:46	0.018
67	27-Aug	13:03:46	0.007
68	27-Aug	13:04:46	0.01
69	27-Aug	13:05:46	0.017
70	27-Aug	13:06:46	0.019
71	27-Aug	13:07:46	0.017
72	27-Aug	13:08:46	0.011
73	27-Aug	13:09:46	0.005
74	27-Aug	13:10:46	0.015
75	27-Aug	13:11:46	0.024
76	27-Aug	13:12:46	0.039
77	27-Aug	13:13:46	0.017
78	27-Aug	13:14:46	0.023
79	27-Aug	13:15:46	0.037
80	27-Aug	13:16:46	0.033
81	27-Aug	13:17:46	0.016
82	27-Aug	13:18:46	0.013
83	27-Aug	13:19:46	0.009
84	27-Aug	13:20:46	0.006
85	27-Aug	13:21:46	0.02
86	27-Aug	13:22:46	0.009
87	27-Aug	13:23:46	0.015
88	27-Aug	13:24:46	0.013
89	27-Aug	13:25:46	0.014
90	27-Aug	13:26:46	0.015

91	27-Aug	13:27:46	0.014
92	27-Aug	13:28:46	0.017
93	27-Aug	13:29:46	0.023
94	27-Aug	13:30:46	0.025
95	27-Aug	13:31:46	0.012
96	27-Aug	13:32:46	0.019
97	27-Aug	13:33:46	0.011
98	27-Aug	13:34:46	0.011
99	27-Aug	13:35:46	0.01
100	27-Aug	13:36:46	0.01
101	27-Aug	13:37:46	0.019
102	27-Aug	13:38:46	0.026
103	27-Aug	13:39:46	0.006
104	27-Aug	13:40:46	0.011
105	27-Aug	13:41:46	0.011
106	27-Aug	13:42:46	0.006
107	27-Aug	13:43:46	0.004
108	27-Aug	13:44:46	0.013
109	27-Aug	13:45:46	0.009
110	27-Aug	13:46:46	0.012
111	27-Aug	13:47:46	0.021
112	27-Aug	13:48:46	0.017
113	27-Aug	13:49:46	0.012
114	27-Aug	13:50:46	0.01
115	27-Aug	13:51:46	0.007
116	27-Aug	13:52:46	0.004
117	27-Aug	13:53:46	0.008
118	27-Aug	13:54:46	0.004
119	27-Aug	13:55:46	0.006
120	27-Aug	13:56:46	0.004
121	27-Aug	13:57:46	0.001
122	27-Aug	13:58:46	0.003
123	27-Aug	13:59:46	0.003
124	27-Aug	14:00:46	0.006
125	27-Aug	14:01:46	0.004
126	27-Aug	14:02:46	0.007
127	27-Aug	14:03:46	0.004
128	27-Aug	14:04:46	0.009
129	27-Aug	14:05:46	0.003
130	27-Aug	14:06:46	0.005
131	27-Aug	14:07:46	0.01
132	27-Aug	14:08:46	0.005
133	27-Aug	14:09:46	0.023
134	27-Aug	14:10:46	0.012
135	27-Aug	14:11:46	0.016
136	27-Aug	14:12:46	0.175
137	27-Aug	14:13:46	0.114
138	27-Aug	14:14:46	0.075
139	27-Aug	14:15:46	0.018
140	27-Aug	14:16:46	0.004
141	27-Aug	14:17:46	0.016
142	27-Aug	14:18:46	0.004

143	27-Aug	14:19:46	0.012
144	27-Aug	14:20:46	0.01
145	27-Aug	14:21:46	0.006
146	27-Aug	14:22:46	0.019
147	27-Aug	14:23:46	0.023
148	27-Aug	14:24:46	0.005
149	27-Aug	14:25:46	0.008
150	27-Aug	14:26:46	0.013
151	27-Aug	14:27:46	0.013
152	27-Aug	14:28:46	0.004
153	27-Aug	14:29:46	0.006
154	27-Aug	14:30:46	0.015
155	27-Aug	14:31:46	0.011
156	27-Aug	14:32:46	0.003
157	27-Aug	14:33:46	0.005
158	27-Aug	14:34:46	0.002
159	27-Aug	14:35:46	0.003
160	27-Aug	14:36:46	0.008
161	27-Aug	14:37:46	0.003
162	27-Aug	14:38:46	0.008
163	27-Aug	14:39:46	0.005
164	27-Aug	14:40:46	0.015
165	27-Aug	14:41:46	0.008
166	27-Aug	14:42:46	0.006
167	27-Aug	14:43:46	0.007
168	27-Aug	14:44:46	0.009
169	27-Aug	14:45:46	0.015
170	27-Aug	14:46:46	0.007
171	27-Aug	14:47:46	0.012
172	27-Aug	14:48:46	0.001
173	27-Aug	14:49:46	0.015
174	27-Aug	14:50:46	0.009
175	27-Aug	14:51:46	0.009
176	27-Aug	14:52:46	0.006
177	27-Aug	14:53:46	0.006
178	27-Aug	14:54:46	0.024
179	27-Aug	14:55:46	0.003
180	27-Aug	14:56:46	0.016
181	27-Aug	14:57:46	0.007
182	27-Aug	14:58:46	0.022
183	27-Aug	14:59:46	0.012
184	27-Aug	15:00:46	0.009
185	27-Aug	15:01:46	0.033
186	27-Aug	15:02:46	0.018
187	27-Aug	15:03:46	0.021
188	27-Aug	15:04:46	0.005
189	27-Aug	15:05:46	0.011
190	27-Aug	15:06:46	0.02
191	27-Aug	15:07:46	0.006
192	27-Aug	15:08:46	0.005
193	27-Aug	15:09:46	0.024
194	27-Aug	15:10:46	0.007

195	27-Aug	15:11:46	0.013
196	27-Aug	15:12:46	0.016
197	27-Aug	15:13:46	0.016
198	27-Aug	15:14:46	0.029
199	27-Aug	15:15:46	0.015
200	27-Aug	15:16:46	0.015
201	27-Aug	15:17:46	0.018
202	27-Aug	15:18:46	0.011
203	27-Aug	15:19:46	0.016
204	27-Aug	15:20:46	0.02
205	27-Aug	15:21:46	0.026
206	27-Aug	15:22:46	0.03
207	27-Aug	15:23:46	0.018
208	27-Aug	15:24:46	0.125
209	27-Aug	15:25:46	0.238
210	27-Aug	15:26:46	0.376
211	27-Aug	15:27:46	0.902
212	27-Aug	15:28:46	0.567
213	27-Aug	15:29:46	0.321

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pDR-1000 S/N: 06784
Tag Number: 04
Number of logged points: 352
Start time and date: 08:31:07 28-Aug
Elapsed time: 05:52:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 2.096 mg/m³
Time at maximum: 08:31:21 Aug 28
Max STEL Concentration: 0.047 mg/m³
Time at max STEL: 11:06:07 Aug 28
Overall Avg Conc: 0.000 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	28-Aug	08:32:07	0.419
2	28-Aug	08:33:07	0
3	28-Aug	08:34:07	0
4	28-Aug	08:35:07	0
5	28-Aug	08:36:07	0
6	28-Aug	08:37:07	0
7	28-Aug	08:38:07	0
8	28-Aug	08:39:07	0
9	28-Aug	08:40:07	0
10	28-Aug	08:41:07	0.014
11	28-Aug	08:42:07	0.019
12	28-Aug	08:43:07	0.004
13	28-Aug	08:44:07	0
14	28-Aug	08:45:07	0
15	28-Aug	08:46:07	0.006
16	28-Aug	08:47:07	0.026
17	28-Aug	08:48:07	0.011
18	28-Aug	08:49:07	0.04
19	28-Aug	08:50:07	0.001
20	28-Aug	08:51:07	0.007
21	28-Aug	08:52:07	0.007
22	28-Aug	08:53:07	0
23	28-Aug	08:54:07	0
24	28-Aug	08:55:07	0
25	28-Aug	08:56:07	0
26	28-Aug	08:57:07	0
27	28-Aug	08:58:07	0
28	28-Aug	08:59:07	0.002
29	28-Aug	09:00:07	0
30	28-Aug	09:01:07	0.014
31	28-Aug	09:02:07	0.094
32	28-Aug	09:03:07	0.006
33	28-Aug	09:04:07	0
34	28-Aug	09:05:07	0
35	28-Aug	09:06:07	0.003
36	28-Aug	09:07:07	0
37	28-Aug	09:08:07	0
38	28-Aug	09:09:07	0

39	28-Aug	09:10:07	0
40	28-Aug	09:11:07	0
41	28-Aug	09:12:07	0
42	28-Aug	09:13:07	0.099
43	28-Aug	09:14:07	0.018
44	28-Aug	09:15:07	0.016
45	28-Aug	09:16:07	0.017
46	28-Aug	09:17:07	0.011
47	28-Aug	09:18:07	0.028
48	28-Aug	09:19:07	0.04
49	28-Aug	09:20:07	0.001
50	28-Aug	09:21:07	0.014
51	28-Aug	09:22:07	0.003
52	28-Aug	09:23:07	0.012
53	28-Aug	09:24:07	0.004
54	28-Aug	09:25:07	0.002
55	28-Aug	09:26:07	0
56	28-Aug	09:27:07	0.002
57	28-Aug	09:28:07	0.07
58	28-Aug	09:29:07	0.002
59	28-Aug	09:30:07	0
60	28-Aug	09:31:07	0.041
61	28-Aug	09:32:07	0.041
62	28-Aug	09:33:07	0.003
63	28-Aug	09:34:07	0
64	28-Aug	09:35:07	0
65	28-Aug	09:36:07	0.014
66	28-Aug	09:37:07	0.008
67	28-Aug	09:38:07	0.04
68	28-Aug	09:39:07	0.017
69	28-Aug	09:40:07	0.008
70	28-Aug	09:41:07	0.007
71	28-Aug	09:42:07	0.008
72	28-Aug	09:43:07	0.002
73	28-Aug	09:44:07	0
74	28-Aug	09:45:07	0
75	28-Aug	09:46:07	0.014
76	28-Aug	09:47:07	0.047
77	28-Aug	09:48:07	0.033
78	28-Aug	09:49:07	0.002
79	28-Aug	09:50:07	0.018
80	28-Aug	09:51:07	0.021
81	28-Aug	09:52:07	0.027
82	28-Aug	09:53:07	0.011
83	28-Aug	09:54:07	0.084
84	28-Aug	09:55:07	0.036
85	28-Aug	09:56:07	0.019
86	28-Aug	09:57:07	0.008
87	28-Aug	09:58:07	0
88	28-Aug	09:59:07	0
89	28-Aug	10:00:07	0.03
90	28-Aug	10:01:07	0.01

91	28-Aug	10:02:07	0
92	28-Aug	10:03:07	0.007
93	28-Aug	10:04:07	0.003
94	28-Aug	10:05:07	0.003
95	28-Aug	10:06:07	0.015
96	28-Aug	10:07:07	0.023
97	28-Aug	10:08:07	0
98	28-Aug	10:09:07	0.002
99	28-Aug	10:10:07	0
100	28-Aug	10:11:07	0.002
101	28-Aug	10:12:07	0.01
102	28-Aug	10:13:07	0.003
103	28-Aug	10:14:07	0.036
104	28-Aug	10:15:07	0.006
105	28-Aug	10:16:07	0.001
106	28-Aug	10:17:07	0.01
107	28-Aug	10:18:07	0.007
108	28-Aug	10:19:07	0.006
109	28-Aug	10:20:07	0
110	28-Aug	10:21:07	0.003
111	28-Aug	10:22:07	0
112	28-Aug	10:23:07	0
113	28-Aug	10:24:07	0.015
114	28-Aug	10:25:07	0
115	28-Aug	10:26:07	0.001
116	28-Aug	10:27:07	0.001
117	28-Aug	10:28:07	0.015
118	28-Aug	10:29:07	0.001
119	28-Aug	10:30:07	0
120	28-Aug	10:31:07	0.001
121	28-Aug	10:32:07	0
122	28-Aug	10:33:07	0
123	28-Aug	10:34:07	0.001
124	28-Aug	10:35:07	0.003
125	28-Aug	10:36:07	0.008
126	28-Aug	10:37:07	0.01
127	28-Aug	10:38:07	0.005
128	28-Aug	10:39:07	0.003
129	28-Aug	10:40:07	0.006
130	28-Aug	10:41:07	0
131	28-Aug	10:42:07	0.007
132	28-Aug	10:43:07	0.002
133	28-Aug	10:44:07	0.006
134	28-Aug	10:45:07	0
135	28-Aug	10:46:07	0.001
136	28-Aug	10:47:07	0.002
137	28-Aug	10:48:07	0.015
138	28-Aug	10:49:07	0.017
139	28-Aug	10:50:07	0.007
140	28-Aug	10:51:07	0.022
141	28-Aug	10:52:07	0.013
142	28-Aug	10:53:07	0.075

143	28-Aug	10:54:07	0.149
144	28-Aug	10:55:07	0.168
145	28-Aug	10:56:07	0.052
146	28-Aug	10:57:07	0.055
147	28-Aug	10:58:07	0.128
148	28-Aug	10:59:07	0.023
149	28-Aug	11:00:07	0.016
150	28-Aug	11:01:07	0.008
151	28-Aug	11:02:07	0.024
152	28-Aug	11:03:07	0.02
153	28-Aug	11:04:07	0.017
154	28-Aug	11:05:07	0.058
155	28-Aug	11:06:07	0.015
156	28-Aug	11:07:07	0.009
157	28-Aug	11:08:07	0.023
158	28-Aug	11:09:07	0.034
159	28-Aug	11:10:07	0.063
160	28-Aug	11:11:07	0.019
161	28-Aug	11:12:07	0.071
162	28-Aug	11:13:07	0.061
163	28-Aug	11:14:07	0.017
164	28-Aug	11:15:07	0.028
165	28-Aug	11:16:07	0.035
166	28-Aug	11:17:07	0.032
167	28-Aug	11:18:07	0.127
168	28-Aug	11:19:07	0.023
169	28-Aug	11:20:07	0.004
170	28-Aug	11:21:07	0.029
171	28-Aug	11:22:07	0.036
172	28-Aug	11:23:07	0.021
173	28-Aug	11:24:07	0.025
174	28-Aug	11:25:07	0.05
175	28-Aug	11:26:07	0.006
176	28-Aug	11:27:07	0.026
177	28-Aug	11:28:07	0.008
178	28-Aug	11:29:07	0.038
179	28-Aug	11:30:07	0.086
180	28-Aug	11:31:07	0.039
181	28-Aug	11:32:07	0.046
182	28-Aug	11:33:07	0.002
183	28-Aug	11:34:07	0.035
184	28-Aug	11:35:07	0.063
185	28-Aug	11:36:07	0.052
186	28-Aug	11:37:07	0.014
187	28-Aug	11:38:07	0.004
188	28-Aug	11:39:07	0.057
189	28-Aug	11:40:07	0.029
190	28-Aug	11:41:07	0.018
191	28-Aug	11:42:07	0.024
192	28-Aug	11:43:07	0.017
193	28-Aug	11:44:07	0.021
194	28-Aug	11:45:07	0.027

195	28-Aug	11:46:07	0.04
196	28-Aug	11:47:07	0.034
197	28-Aug	11:48:07	0.027
198	28-Aug	11:49:07	0.025
199	28-Aug	11:50:07	0.007
200	28-Aug	11:51:07	0.013
201	28-Aug	11:52:07	0.011
202	28-Aug	11:53:07	0.01
203	28-Aug	11:54:07	0.001
204	28-Aug	11:55:07	0.012
205	28-Aug	11:56:07	0.009
206	28-Aug	11:57:07	0.015
207	28-Aug	11:58:07	0.01
208	28-Aug	11:59:07	0.025
209	28-Aug	12:00:07	0.01
210	28-Aug	12:01:07	0.006
211	28-Aug	12:02:07	0.011
212	28-Aug	12:03:07	0.011
213	28-Aug	12:04:07	0.001
214	28-Aug	12:05:07	0.005
215	28-Aug	12:06:07	0.002
216	28-Aug	12:07:07	0.008
217	28-Aug	12:08:07	0.002
218	28-Aug	12:09:07	0.006
219	28-Aug	12:10:07	0.001
220	28-Aug	12:11:07	0.005
221	28-Aug	12:12:07	0.006
222	28-Aug	12:13:07	0.006
223	28-Aug	12:14:07	0.003
224	28-Aug	12:15:07	0.001
225	28-Aug	12:16:07	0.008
226	28-Aug	12:17:07	0.002
227	28-Aug	12:18:07	0.004
228	28-Aug	12:19:07	0
229	28-Aug	12:20:07	0.001
230	28-Aug	12:21:07	0.001
231	28-Aug	12:22:07	0
232	28-Aug	12:23:07	0
233	28-Aug	12:24:07	0.001
234	28-Aug	12:25:07	0.002
235	28-Aug	12:26:07	0.004
236	28-Aug	12:27:07	0.004
237	28-Aug	12:28:07	0.005
238	28-Aug	12:29:07	0.001
239	28-Aug	12:30:07	0
240	28-Aug	12:31:07	0.007
241	28-Aug	12:32:07	0
242	28-Aug	12:33:07	0
243	28-Aug	12:34:07	0.001
244	28-Aug	12:35:07	0.003
245	28-Aug	12:36:07	0.002
246	28-Aug	12:37:07	0.001

247	28-Aug	12:38:07	0
248	28-Aug	12:39:07	0.001
249	28-Aug	12:40:07	0.009
250	28-Aug	12:41:07	0
251	28-Aug	12:42:07	0.004
252	28-Aug	12:43:07	0
253	28-Aug	12:44:07	0
254	28-Aug	12:45:07	0.001
255	28-Aug	12:46:07	0.002
256	28-Aug	12:47:07	0.002
257	28-Aug	12:48:07	0.01
258	28-Aug	12:49:07	0.018
259	28-Aug	12:50:07	0.007
260	28-Aug	12:51:07	0.001
261	28-Aug	12:52:07	0.004
262	28-Aug	12:53:07	0
263	28-Aug	12:54:07	0.003
264	28-Aug	12:55:07	0
265	28-Aug	12:56:07	0
266	28-Aug	12:57:07	0.002
267	28-Aug	12:58:07	0
268	28-Aug	12:59:07	0
269	28-Aug	13:00:07	0.004
270	28-Aug	13:01:07	0
271	28-Aug	13:02:07	0
272	28-Aug	13:03:07	0
273	28-Aug	13:04:07	0
274	28-Aug	13:05:07	0
275	28-Aug	13:06:07	0
276	28-Aug	13:07:07	0.002
277	28-Aug	13:08:07	0
278	28-Aug	13:09:07	0.003
279	28-Aug	13:10:07	0
280	28-Aug	13:11:07	0.002
281	28-Aug	13:12:07	0.007
282	28-Aug	13:13:07	0
283	28-Aug	13:14:07	0.001
284	28-Aug	13:15:07	0
285	28-Aug	13:16:07	0.001
286	28-Aug	13:17:07	0.004
287	28-Aug	13:18:07	0
288	28-Aug	13:19:07	0
289	28-Aug	13:20:07	0.002
290	28-Aug	13:21:07	0
291	28-Aug	13:22:07	0.001
292	28-Aug	13:23:07	0
293	28-Aug	13:24:07	0
294	28-Aug	13:25:07	0.001
295	28-Aug	13:26:07	0
296	28-Aug	13:27:07	0
297	28-Aug	13:28:07	0
298	28-Aug	13:29:07	0

299	28-Aug	13:30:07	0
300	28-Aug	13:31:07	0
301	28-Aug	13:32:07	0
302	28-Aug	13:33:07	0
303	28-Aug	13:34:07	0.001
304	28-Aug	13:35:07	0
305	28-Aug	13:36:07	0
306	28-Aug	13:37:07	0
307	28-Aug	13:38:07	0.002
308	28-Aug	13:39:07	0.014
309	28-Aug	13:40:07	0
310	28-Aug	13:41:07	0
311	28-Aug	13:42:07	0
312	28-Aug	13:43:07	0
313	28-Aug	13:44:07	0.002
314	28-Aug	13:45:07	0.002
315	28-Aug	13:46:07	0
316	28-Aug	13:47:07	0
317	28-Aug	13:48:07	0.001
318	28-Aug	13:49:07	0
319	28-Aug	13:50:07	0
320	28-Aug	13:51:07	0.002
321	28-Aug	13:52:07	0
322	28-Aug	13:53:07	0.033
323	28-Aug	13:54:07	0.019
324	28-Aug	13:55:07	0
325	28-Aug	13:56:07	0
326	28-Aug	13:57:07	0
327	28-Aug	13:58:07	0.003
328	28-Aug	13:59:07	0
329	28-Aug	14:00:07	0
330	28-Aug	14:01:07	0.011
331	28-Aug	14:02:07	0
332	28-Aug	14:03:07	0
333	28-Aug	14:04:07	0
334	28-Aug	14:05:07	0
335	28-Aug	14:06:07	0.009
336	28-Aug	14:07:07	0.002
337	28-Aug	14:08:07	0
338	28-Aug	14:09:07	0.001
339	28-Aug	14:10:07	0.001
340	28-Aug	14:11:07	0.003
341	28-Aug	14:12:07	0
342	28-Aug	14:13:07	0.029
343	28-Aug	14:14:07	0
344	28-Aug	14:15:07	0
345	28-Aug	14:16:07	0
346	28-Aug	14:17:07	0
347	28-Aug	14:18:07	0
348	28-Aug	14:19:07	0
349	28-Aug	14:20:07	0
350	28-Aug	14:21:07	0.006

351	28-Aug	14:22:07	0
352	28-Aug	14:23:07	0.003

0008323030000607080 4}

pDR-1000 S/N: 06784
Tag Number: 05
Number of logged points: 7
Start time and date: 11:51:53 29-Aug
Elapsed time: 00:07:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.015 mg/m³
Time at maximum: 11:53:22 Aug 29
Max STEL Concentration: 0.000 mg/m³
Time at max STEL: 11:51:53 Aug 29
Overall Avg Conc: 0.000 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	29-Aug	11:52:53	0.001
2	29-Aug	11:53:53	0.003
3	29-Aug	11:54:53	0
4	29-Aug	11:55:53	0
5	29-Aug	11:56:53	0.002
6	29-Aug	11:57:53	0.001
7	29-Aug	11:58:53	0.002

00083230300006070804}

pDR-1000 S/N: 06784
Tag Number: 06
Number of logged points: 220
Start time and date: 12:18:51 29-Aug
Elapsed time: 03:40:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.202 mg/m³
Time at maximum: 13:21:39 Aug 29
Max STEL Concentration: 0.009 mg/m³
Time at max STEL: 15:56:51 Aug 29
Overall Avg Conc: 0.000 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	29-Aug	12:19:51	0
2	29-Aug	12:20:51	0
3	29-Aug	12:21:51	0
4	29-Aug	12:22:51	0
5	29-Aug	12:23:51	0
6	29-Aug	12:24:51	0
7	29-Aug	12:25:51	0
8	29-Aug	12:26:51	0
9	29-Aug	12:27:51	0
10	29-Aug	12:28:51	0
11	29-Aug	12:29:51	0
12	29-Aug	12:30:51	0
13	29-Aug	12:31:51	0
14	29-Aug	12:32:51	0
15	29-Aug	12:33:51	0
16	29-Aug	12:34:51	0
17	29-Aug	12:35:51	0
18	29-Aug	12:36:51	0
19	29-Aug	12:37:51	0.001
20	29-Aug	12:38:51	0
21	29-Aug	12:39:51	0
22	29-Aug	12:40:51	0
23	29-Aug	12:41:51	0
24	29-Aug	12:42:51	0.003
25	29-Aug	12:43:51	0
26	29-Aug	12:44:51	0
27	29-Aug	12:45:51	0
28	29-Aug	12:46:51	0
29	29-Aug	12:47:51	0
30	29-Aug	12:48:51	0
31	29-Aug	12:49:51	0
32	29-Aug	12:50:51	0
33	29-Aug	12:51:51	0
34	29-Aug	12:52:51	0
35	29-Aug	12:53:51	0.001
36	29-Aug	12:54:51	0
37	29-Aug	12:55:51	0
38	29-Aug	12:56:51	0

39	29-Aug	12:57:51	0
40	29-Aug	12:58:51	0.003
41	29-Aug	12:59:51	0
42	29-Aug	13:00:51	0
43	29-Aug	13:01:51	0
44	29-Aug	13:02:51	0
45	29-Aug	13:03:51	0
46	29-Aug	13:04:51	0
47	29-Aug	13:05:51	0
48	29-Aug	13:06:51	0
49	29-Aug	13:07:51	0
50	29-Aug	13:08:51	0
51	29-Aug	13:09:51	0.002
52	29-Aug	13:10:51	0
53	29-Aug	13:11:51	0
54	29-Aug	13:12:51	0.002
55	29-Aug	13:13:51	0
56	29-Aug	13:14:51	0
57	29-Aug	13:15:51	0.002
58	29-Aug	13:16:51	0
59	29-Aug	13:17:51	0
60	29-Aug	13:18:51	0.001
61	29-Aug	13:19:51	0
62	29-Aug	13:20:51	0
63	29-Aug	13:21:51	0.063
64	29-Aug	13:22:51	0
65	29-Aug	13:23:51	0
66	29-Aug	13:24:51	0
67	29-Aug	13:25:51	0.015
68	29-Aug	13:26:51	0
69	29-Aug	13:27:51	0
70	29-Aug	13:28:51	0
71	29-Aug	13:29:51	0.007
72	29-Aug	13:30:51	0
73	29-Aug	13:31:51	0.001
74	29-Aug	13:32:51	0
75	29-Aug	13:33:51	0
76	29-Aug	13:34:51	0
77	29-Aug	13:35:51	0
78	29-Aug	13:36:51	0
79	29-Aug	13:37:51	0
80	29-Aug	13:38:51	0
81	29-Aug	13:39:51	0
82	29-Aug	13:40:51	0
83	29-Aug	13:41:51	0
84	29-Aug	13:42:51	0.008
85	29-Aug	13:43:51	0.004
86	29-Aug	13:44:51	0
87	29-Aug	13:45:51	0
88	29-Aug	13:46:51	0.002
89	29-Aug	13:47:51	0
90	29-Aug	13:48:51	0

91	29-Aug	13:49:51	0
92	29-Aug	13:50:51	0
93	29-Aug	13:51:51	0
94	29-Aug	13:52:51	0
95	29-Aug	13:53:51	0
96	29-Aug	13:54:51	0
97	29-Aug	13:55:51	0
98	29-Aug	13:56:51	0.006
99	29-Aug	13:57:51	0
100	29-Aug	13:58:51	0
101	29-Aug	13:59:51	0.002
102	29-Aug	14:00:51	0.001
103	29-Aug	14:01:51	0
104	29-Aug	14:02:51	0
105	29-Aug	14:03:51	0
106	29-Aug	14:04:51	0.002
107	29-Aug	14:05:51	0.001
108	29-Aug	14:06:51	0
109	29-Aug	14:07:51	0
110	29-Aug	14:08:51	0
111	29-Aug	14:09:51	0
112	29-Aug	14:10:51	0
113	29-Aug	14:11:51	0.001
114	29-Aug	14:12:51	0
115	29-Aug	14:13:51	0
116	29-Aug	14:14:51	0
117	29-Aug	14:15:51	0
118	29-Aug	14:16:51	0
119	29-Aug	14:17:51	0.001
120	29-Aug	14:18:51	0
121	29-Aug	14:19:51	0
122	29-Aug	14:20:51	0
123	29-Aug	14:21:51	0
124	29-Aug	14:22:51	0
125	29-Aug	14:23:51	0
126	29-Aug	14:24:51	0
127	29-Aug	14:25:51	0.003
128	29-Aug	14:26:51	0
129	29-Aug	14:27:51	0
130	29-Aug	14:28:51	0
131	29-Aug	14:29:51	0.002
132	29-Aug	14:30:51	0
133	29-Aug	14:31:51	0
134	29-Aug	14:32:51	0
135	29-Aug	14:33:51	0.017
136	29-Aug	14:34:51	0
137	29-Aug	14:35:51	0
138	29-Aug	14:36:51	0
139	29-Aug	14:37:51	0.003
140	29-Aug	14:38:51	0
141	29-Aug	14:39:51	0.002
142	29-Aug	14:40:51	0.005

143	29-Aug	14:41:51	0.001
144	29-Aug	14:42:51	0
145	29-Aug	14:43:51	0
146	29-Aug	14:44:51	0
147	29-Aug	14:45:51	0
148	29-Aug	14:46:51	0
149	29-Aug	14:47:51	0
150	29-Aug	14:48:51	0.001
151	29-Aug	14:49:51	0
152	29-Aug	14:50:51	0
153	29-Aug	14:51:51	0.001
154	29-Aug	14:52:51	0.003
155	29-Aug	14:53:51	0.001
156	29-Aug	14:54:51	0.002
157	29-Aug	14:55:51	0
158	29-Aug	14:56:51	0
159	29-Aug	14:57:51	0.001
160	29-Aug	14:58:51	0
161	29-Aug	14:59:51	0
162	29-Aug	15:00:51	0
163	29-Aug	15:01:51	0
164	29-Aug	15:02:51	0
165	29-Aug	15:03:51	0.002
166	29-Aug	15:04:51	0.002
167	29-Aug	15:05:51	0.015
168	29-Aug	15:06:51	0.002
169	29-Aug	15:07:51	0.001
170	29-Aug	15:08:51	0
171	29-Aug	15:09:51	0.001
172	29-Aug	15:10:51	0
173	29-Aug	15:11:51	0.001
174	29-Aug	15:12:51	0
175	29-Aug	15:13:51	0.006
176	29-Aug	15:14:51	0
177	29-Aug	15:15:51	0.008
178	29-Aug	15:16:51	0.002
179	29-Aug	15:17:51	0.002
180	29-Aug	15:18:51	0.001
181	29-Aug	15:19:51	0.002
182	29-Aug	15:20:51	0
183	29-Aug	15:21:51	0
184	29-Aug	15:22:51	0.003
185	29-Aug	15:23:51	0.015
186	29-Aug	15:24:51	0.003
187	29-Aug	15:25:51	0
188	29-Aug	15:26:51	0.001
189	29-Aug	15:27:51	0.001
190	29-Aug	15:28:51	0.004
191	29-Aug	15:29:51	0
192	29-Aug	15:30:51	0
193	29-Aug	15:31:51	0.001
194	29-Aug	15:32:51	0.003

195	29-Aug	15:33:51	0
196	29-Aug	15:34:51	0.006
197	29-Aug	15:35:51	0.002
198	29-Aug	15:36:51	0.011
199	29-Aug	15:37:51	0.002
200	29-Aug	15:38:51	0.001
201	29-Aug	15:39:51	0.003
202	29-Aug	15:40:51	0.002
203	29-Aug	15:41:51	0.004
204	29-Aug	15:42:51	0.011
205	29-Aug	15:43:51	0.012
206	29-Aug	15:44:51	0.004
207	29-Aug	15:45:51	0.009
208	29-Aug	15:46:51	0.004
209	29-Aug	15:47:51	0.002
210	29-Aug	15:48:51	0.002
211	29-Aug	15:49:51	0.002
212	29-Aug	15:50:51	0.004
213	29-Aug	15:51:51	0.017
214	29-Aug	15:52:51	0.006
215	29-Aug	15:53:51	0.014
216	29-Aug	15:54:51	0.013
217	29-Aug	15:55:51	0.01
218	29-Aug	15:56:51	0.026
219	29-Aug	15:57:51	0.002
220	29-Aug	15:58:51	0.018

00083230300006070804}

pDR-1000 S/N: 06784
Tag Number: 07
Number of logged points: 33
Start time and date: 10:02:51 02-Sep
Elapsed time: 00:33:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.993 mg/m³
Time at maximum: 10:08:55 Sep 02
Max STEL Concentration: 0.000 mg/m³
Time at max STEL: 10:02:51 Sep 02
Overall Avg Conc: 0.000 mg/m³
Logged Data:

Point	Date	Time	Avg.(mg/m³)
1	2-Sep	10:03:51	0
2	2-Sep	10:04:51	0
3	2-Sep	10:05:51	0
4	2-Sep	10:06:51	0
5	2-Sep	10:07:51	0
6	2-Sep	10:08:51	0.146
7	2-Sep	10:09:51	0.05
8	2-Sep	10:10:51	0.005
9	2-Sep	10:11:51	0.004
10	2-Sep	10:12:51	0.002
11	2-Sep	10:13:51	0.002
12	2-Sep	10:14:51	0.005
13	2-Sep	10:15:51	0.001
14	2-Sep	10:16:51	0
15	2-Sep	10:17:51	0
16	2-Sep	10:18:51	0
17	2-Sep	10:19:51	0
18	2-Sep	10:20:51	0
19	2-Sep	10:21:51	0
20	2-Sep	10:22:51	0
21	2-Sep	10:23:51	0
22	2-Sep	10:24:51	0
23	2-Sep	10:25:51	0
24	2-Sep	10:26:51	0.006
25	2-Sep	10:27:51	0
26	2-Sep	10:28:51	0
27	2-Sep	10:29:51	0
28	2-Sep	10:30:51	0.001
29	2-Sep	10:31:51	0.001
30	2-Sep	10:32:51	0.001
31	2-Sep	10:33:51	0
32	2-Sep	10:34:51	0
33	2-Sep	10:35:51	0

00083230300006070804}

H&A NOTE: All data from the Upwind monitor and the data from the downwind monitor on 25 Aug lost c

"Model Nu	"DataRAM	105		
"Serial no.	"D586 "			
"Device nc	1			
"Tag Numl	2			
"Start Time	11:31:54			
"Start Date	29-Aug-2008			
"Log Perio	00:05:00			
"Number	69			
"CalFactor	1			
"Unit '	0			
"Unit Nam	"(MASS)ug/m3"			
"SIZE_CO	"DISABLED"			
"TEMPUN	C			
"Max MAS	39.63939			
"Max MAS	67	17:06:54	29-Aug-08	
"Avg MAS	21.06586			
"Max Diam	0.708851			
"Max Diam	68	17:11:54	29-Aug-08	
"Avg Diam	0.483563			
"ALARM	"DISABLED"			
"ALARM_I	0			
"AUTO_ZE	"DISABLED"			
"AZ INTEF	1			
"Errors	0			

record	(MASS)ug	Temp	RHumidity	Diameter		
1	14.2	18.7	56	0.324	11:36:54	29-Aug-08
2	12.7	19.3	65	0.3016	11:41:54	29-Aug-08
3	13.2	19.8	68	0.3454	11:46:54	29-Aug-08
4	13.1	20.2	70	0.3446	11:51:54	29-Aug-08
5	13	20.4	71	0.4	11:56:54	29-Aug-08
6	13.7	20.6	72	0.3768	12:01:54	29-Aug-08
7	13.1	20.8	72	0.4018	12:06:54	29-Aug-08
8	13	21	72	0.3854	12:11:54	29-Aug-08
9	12.5	21.3	72	0.3359	12:16:54	29-Aug-08
10	13	21.7	72	0.3674	12:21:54	29-Aug-08
11	12.8	22.1	72	0.3699	12:26:54	29-Aug-08
12	12.6	22.4	71	0.4002	12:31:54	29-Aug-08
13	12.3	22.7	71	0.3748	12:36:54	29-Aug-08
14	12.8	23.1	70	0.4358	12:41:54	29-Aug-08
15	14.8	23.3	69	0.4972	12:46:54	29-Aug-08
16	13.6	23.6	69	0.3897	12:51:54	29-Aug-08
17	15.5	24	68	0.4543	12:56:54	29-Aug-08
18	15.3	24.3	68	0.4748	13:01:54	29-Aug-08
19	13.5	24.7	67	0.4426	13:06:54	29-Aug-08
20	13.6	25.1	66	0.4451	13:11:54	29-Aug-08
21	13.9	25.5	65	0.5266	13:16:54	29-Aug-08
22	14.4	26.1	64	0.4706	13:21:54	29-Aug-08
23	14.5	26.7	63	0.5362	13:26:54	29-Aug-08
24	14	27.4	62	0.5487	13:31:54	29-Aug-08
25	13.8	27.9	60	0.4559	13:36:54	29-Aug-08

26	14	28.2	59	0.5123	13:41:54	29-Aug-08
27	15.5	28.5	58	0.5549	13:46:54	29-Aug-08
28	14.4	28.6	57	0.505	13:51:54	29-Aug-08
29	15.5	28.5	57	0.5102	13:56:54	29-Aug-08
30	15.4	28.2	57	0.5331	14:01:54	29-Aug-08
31	15.4	28	57	0.4579	14:06:54	29-Aug-08
32	16.1	27.8	58	0.4905	14:11:54	29-Aug-08
33	16.3	27.7	58	0.4555	14:16:54	29-Aug-08
34	17	27.6	58	0.4547	14:21:54	29-Aug-08
35	16.8	27.7	58	0.4599	14:26:54	29-Aug-08
36	18.3	27.9	59	0.454	14:31:54	29-Aug-08
37	18.1	28	59	0.3941	14:36:54	29-Aug-08
38	20.4	28.1	58	0.4787	14:41:54	29-Aug-08
39	19.9	28.1	58	0.5237	14:46:54	29-Aug-08
40	20.3	28.1	58	0.471	14:51:54	29-Aug-08
41	21.8	28.1	58	0.4935	14:56:54	29-Aug-08
42	22.8	28	58	0.4759	15:01:54	29-Aug-08
43	22.5	27.8	58	0.4713	15:06:54	29-Aug-08
44	22.4	27.7	58	0.4497	15:11:54	29-Aug-08
45	22.8	27.6	59	0.5068	15:16:54	29-Aug-08
46	23.1	27.7	59	0.5104	15:21:54	29-Aug-08
47	22	28.1	59	0.5004	15:26:54	29-Aug-08
48	24	28.5	58	0.4827	15:31:54	29-Aug-08
49	25.7	28.8	57	0.496	15:36:54	29-Aug-08
50	28.1	28.9	57	0.5291	15:41:54	29-Aug-08
51	29.3	28.7	57	0.5722	15:46:54	29-Aug-08
52	29.1	28.5	57	0.5186	15:51:54	29-Aug-08
53	28.4	28.3	57	0.5026	15:56:54	29-Aug-08
54	28.6	28.1	57	0.474	16:01:54	29-Aug-08
55	29.1	28	58	0.5204	16:06:54	29-Aug-08
56	28.7	27.8	58	0.4802	16:11:54	29-Aug-08
57	29.4	27.6	59	0.512	16:16:54	29-Aug-08
58	30	27.5	59	0.494	16:21:54	29-Aug-08
59	31.4	27.4	59	0.5271	16:26:54	29-Aug-08
60	34.1	27.5	59	0.5747	16:31:54	29-Aug-08
61	32.8	27.6	59	0.5382	16:36:54	29-Aug-08
62	30.3	27.7	59	0.4892	16:41:54	29-Aug-08
63	31.3	27.7	59	0.523	16:46:54	29-Aug-08
64	39	27.8	59	0.6682	16:51:54	29-Aug-08
65	39.5	27.8	59	0.6536	16:56:54	29-Aug-08
66	39.6	27.8	59	0.6904	17:01:54	29-Aug-08
67	39.6	27.8	59	0.6833	17:06:54	29-Aug-08
68	38.1	27.8	59	0.7089	17:11:54	29-Aug-08
69	37.8	27.8	59	0.6585	17:16:54	29-Aug-08

APPENDIX D

Waste Disposal Documentation

Site Address:
755 Brooks Avenue
Rochester , NY 14619

PPW 01/10/2006

WORK ORDER NO. 72236125

DOCUMENT NO. 295964 **STRAIGHT BILL OF LADING**

TRANSPORTER 1 Clean Harbors Environmental Services inc VEHICLE ID # C0107

EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 _____ VEHICLE ID # _____

EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY			SHIPPER		
Spring Grove Resource Recovery Inc			Rochester Gas & Electric		
FACILITY EPA ID #			SHIPPER EPA ID #		
OHD000816629			NYD000818781		
ADDRESS			ADDRESS		
4879 Spring Grove Avenue			89 East Avenue		
CITY	STATE	ZIP	CITY	STATE	ZIP
Cincinnati	OH	45232	Rochester	NY	14649

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1 X 05	DF	X	A. UN3028, BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, ELECTRIC, STORAGE, (UNIVERSAL waste) 8 PG III	33	P
3 X 55	DM		B. NONE, NON DOT REGULATED MATERIAL, (WATER, GASOLINE), N/A	1220	P
2 X 55	DM		C. NONE, NON HAZARDOUS, NON D.O.T. REGULATED LIQUID, (OIL W<50PPM PCB'S), N/A	600 141,1668	P
3 X 55	DM		D. NONE, NON DOT REGULATED MATERIAL, (OIL AND WATER), N/A	1000	P
2 X 55	DM		E. NONE, NON-RCRA HAZARDOUS WASTE, SOLID, (SOIL & GRAVEL), NONE	785	P
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS EMERGENCY PHONE #: (800) 483-3718
A: CH82927 B: CH82613 C: CH82928 D: CH131142A E: CH82544

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	Thomas C. Wright	Thomas C. Wright	12/18/06
TRANSPORTER 1	Kelly Horton		12/18/06
TRANSPORTER 2			
RECEIVED BY			

4

CH 107

ROCHESTER GAS AND ELECTRIC CORPORATION
755 Brooks Avenue
Non-Hazardous Material

9/22/2008	BA570	510	Canal St-Well dev. Water	SIR	Cleanharbor	12/18/2008
9/22/2008	BA571	355	Canal St-Well dev. Water	SIR	Cleanharbor	12/18/2008
9/22/2008	BA572	430	Canal St-Well soil cuttings	SIR	Cleanharbor	12/18/2008
11/19/2008	BA573	355	Canal St-Well dev. Water	SIR	Cleanharbor	12/18/2008
11/19/2008	BA574	355	Canal St-Well soil cuttings	SIR	Cleanharbor	12/18/2008

APPENDIX E

Laboratory Analytical Results and DUSRs

MEMORANDUM

12 December 2008
File No. 33879-007

TO: Jon Babcock
Sr. Engineer

FROM: Michael G. Nickelsen
Sr. Scientist

SUBJECT: RG&E Canal Street Data Validation

Analytical results for environmental samples associated with Severn Trent Laboratories, Inc. laboratory data packages A08-A475 and A08-B653 were reviewed to determine the data usability. Each laboratory data package was reviewed with guidance provided by the United States Environmental Protection Agency (USEPA) **National Functional Guidelines for Organic Data Review** (EPA 540/R-99/008, Oct 1999), and/or **National Functional Guidelines for Inorganic Data Review** (EPA 540-R-04-004, Oct 2004) and **NYSDEC Guidance for the Development of Quality Assurance Plans and Data Usability Summary Reports (DUSR)**, September 1997. Laboratory method specific criteria as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996 were used, where applicable, if the analytical anomaly identified was not addressed by the guidelines referenced above.

Data validation of the analytical results was performed by Ethan G. Lee and reviewed and approved by me.

Data Usability Summary Report (DUSR)
Canal St. Rochester Former MGP Site
Analytical Laboratory: TestAmerica, Inc. – Buffalo, NY
Sample Delivery Group # A475

Analytical results for the project samples were reviewed to evaluate the data usability. Data was assessed in accordance with guidance from th following Federal and/or State guidance documents:

- USEPA National Functional Guidelines for Inorganic Data Review (EPA 540-R-04-004)
- USEPA National Functional Guidelines for Organic Data Review (EPA 540/R-99/008) and/or
  USEPA National Functional Guidelines for Low Concentration Organic Data Review (EPA 540-R-04-004)
- NYSDEC "Guidance for the Development of Quality Assurance Plans and
  Data Usability Summary Reports (DUSR)", September 1997

and method protocol criteria where applicable as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996.

This DUSR pertains to the following samples:

Sample ID	Sample ID
90 CANAL ST SUMP	TB-082508
DUP-082808	TB-082808
EB-082908	TP1-S1(10-11)
EB-090208	TP2-S1(1-3)
EB-082508	TP2-S2(8-10)
EB-082608	TP3-S1(4-6)
EB-082808	TP3-S2(7-9)
MW-8 S2(4-6)	TP4-S1(8-10)
MW-9 S3(4-5)	TB-082908
SB-20 S1(4-6)	
SB-21 S1(0.5-2.5)	
SB-21 S4(6.5-8.5)	
TB-090208	

Project Samples were analyzed according to the following analytical methods:

	Parameter	Analytical Method	Holding Time Criteria
1.	VOCs	EPA 8260B	14 days
2.	SVOCs (BNAs)	EPA 8270C	14 days ext/40 days analysis
3.	ICP Metals	EPA 6010B	180 days
4.	Mercury	EPA 7471A	28 days
5.	Mercury	EPA 7470A	28 days
6.	Cyanide, Total	EPA 9012A	14 days
7.	Cyanide, Total	EPA 9012	14 days

The following items/criteria applicable to the analysis of project samples and associated QA/QC procedures were reviewed.

- Holding Times
- GC/MS Instrument Performance Check
- Initial Calibration Procedures
- Continuing Calibration Procedures
- Blank Sample Analysis
- System Monitoring Compound Recoveries
- Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- Internal Standard Recoveries
- Duplicate Sample Analysis
- ICP Interference Check Sample Performance
- ICP Serial Dilution Replicate Percent Difference

- Sample Data Reporting Format
- Data Qualifiers
- Summary

Preservation and Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of sample preparation or analysis, were met for each project sample analyzed as part of this sample delivery group. No qualification of the data is recommended.

GC/MS Instrument Performance Check

GC/MS instrument performance checks for the instruments used in the analysis of project samples fell within method specific criteria without exception. No qualification of the data is recommended.

Initial Calibration Procedures

Initial instrument calibration procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols, with the following exception(s):

During the analysis of VOCs (SW846 8260B), the initial calibration standards for the following target compound(s) exhibited a percent relative standard deviation (%RSD) greater than the acceptance criteria of 30% and/or a RRF less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%RSD	RRF	Affected Sample(s)	Corrective Action
N	09/05/08 1507	Methylene Chloride	43.30	0.82	EB-090208 TB-090208	See Action #1 Below
P	07/23/08 1550	Methylene Chloride Bromoform	37.70 40.00	0.56 0.33	EB-082508 EB-082608 TB-082508	See Action #1 Below See Action #1 Below
P	09/08/08 1127	Methylene Chloride	46.20	0.55	90 CANAL ST SUMP	See Action #1 Below
Q	08/16/08 1122	Bromomethane Methylene Chloride	51.30 47.30	0.089 0.29	EB-082808 TB-082808	See Action #1 Below See Action #1 Below
S	08/24/08 1146	Bromomethane Methylene Chloride	30.20 36.80	0.17 0.53	EB-082908 TB-082908	See Action #1 Below See Action #1 Below

Action #1

Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

During the analysis of SVOCs (SW846 8270C), the initial calibration standards for the following target compound(s) exhibited a percent relative standard deviation (%RSD) greater than the acceptance criteria of 30% and/or a RRF less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%RSD	RRF	Affected Sample(s)	Corrective Action
V	08/05/08	2,4-Dinitrophenol	34.60	0.14	EB-082508	See Action #1 Below
	0757	Pentachlorophenol	31.90	0.096	SB-20 S1(4-6)	See Action #1 Below
					TP1-S1(10-11)	
					TP2-S1(1-3)	
					TP2-S2(8-10)	
					TP3-S1(4-6)	
					TP3-S2(7-9)	
					TP4-S1(8-10)	
					EB-082608	
					DUP-082808	
					MW-8 S2(4-6)	
					SB-21 S1(0.5-2.5)	
					SB-21 S4(6.5-8.5)	
W	08/26/08	2,4-Dinitrophenol	47.70	0.11	MW-9 S3(4-5)	See Action #1 Below
	1031	4-Nitrophenol	36.90	0.14		See Action #1 Below
		4,6-Dinitro-2-methylphenol	36.00	0.10		See Action #1 Below
		Pentachlorophenol	35.80	0.10		See Action #1 Below

Action #1

Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

Continuing Calibration Procedures

Continuing calibration verification (CCV) procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols, with the following exception(s):

During the analysis of VOCs (SW846 8260B), the continuing calibration verification (CCV) standards for the following target compound(s) exhibited a percent drift (%D) greater than the acceptance criteria of 25% and/or a RRF less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%D	RRF	Affected Sample(s)	Corrective Action
F	08/28/08 1039	1,1,2-Trichloro-1,2,2-trifluoroethane	-27.10	0.19	SB-20 S1(4-6) TP1-S1(10-11) TP2-S1(1-3) TP2-S2(8-10) TP3-S1(4-6) TP3-S2(7-9) TP4-S1(8-10)	See Action #1 Below
N	09/09/08 0908	Dichlorodifluoromethane	-47.30	0.42	EB-090208 TB-090208	See Action #1 Below
P	09/03/08 1000	Bromomethane	27.30	0.19	EB-082508	See Action #1 Below
		Carbon Disulfide	25.40	0.91	EB-082608	See Action #1 Below
		1,2-Dibromo-3-chloropropane	-26.60	0.25	TB-082508	See Action #1 Below
		Methyl Acetate	-25.60	1.17		See Action #1 Below
Q	09/06/08 1324	Carbon Disulfide	28.30	0.42	EB-082808	See Action #1 Below
		2-Butanone	26.70	0.26	TB-082808	See Action #1 Below
		Carbon Tetrachloride	-27.50	0.54		See Action #1 Below
		Bromoform	-28.80	0.56		See Action #1 Below
		Cyclohexane	44.10	0.60		See Action #1 Below
		Trichlorofluoromethane	-37.80	0.51		See Action #1 Below
		Methyl cyclohexane	33.20	0.45		See Action #1 Below

Action #1
Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

During the analysis of SVOCs (SW846 8270C), the continuing calibration verification (CCV) standards for the following target compound(s) exhibited a percent drift (%D) greater than the acceptance criteria of 25% and/or a RRL less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%D	RRF	Affected Sample(s)	Corrective Action
V	08/04/08 2349	2,4-Dinitrophenol	-31.90	0.19	EB-082608	See Action #1 Below
		4,6-Dinitro-2-methylphenol	-32.80	0.12		See Action #1 Below
V	08/05/08 1436	4,6-Dinitro-2-methylphenol	-30.40	0.12	DUP-082808 MW-8 S2(4-6) SB-21 S1(0.5-2.5) SB-21 S4(6.5-8.5)	See Action #1 Below
W	09/05/08 1117	2,4-Dinitrophenol	-37.30	0.16	MW-9 S3(4-5)	See Action #1 Below
		4-Nitrophenol	-28.30	0.18		See Action #1 Below
		4,6-Dinitro-2-methylphenol	-29.50	0.13		See Action #1 Below
	09/05/08 1041	2,2'-oxybis(1-Chloropropane)	-26.40	3.23	90 CANAL ST SUMP EB-082808	See Action #1 Below
	09/08/08 1306	2,2'-oxybis(1-Chloropropane)	-32.90	3.40	EB-082908 EB-090208	See Action #1 Below

Action #1
Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

During the analysis of Metals (EPA Methods 6010B/6020/7470A/7471A), the continuing calibration standards for the following target compound(s) exhibited a percent recovery (%R) outside the acceptance criteria of 75-125%:

Inst.	Date / Time	Target Analyte(s)	%R	Affected Sample(s)	Positive Results	Non Detect (ND)
SUPERTRACE	09/04/08 0707	Beryllium	111.00	90 CANAL ST SUMP DUP-082808	J	

Blank Sample Analysis

In accordance with cited USEPA guidelines, positive sample results should be reported unless the concentration of the compound in the projec sample is less than or equal to 10 times (10X) the amount in any blank for metals and the common organic laboratory contaminants (methylen chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5X) the amount for other target compounds. Target compounds were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples, with the following exception(s):

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Flag sample results with a "U" if < to this value
TB-082508	Acetone	1.7 ug/L	EB-082508 EB-082608 SB-20 S1(4-6) TP1-S1(10-11) TP2-S1(1-3) TP2-S2(8-10) TP3-S1(4-6) TP3-S2(7-9) TP4-S1(8-10)	17.0 ug/L
EB-082808	Acetone	2.2 ug/L	DUP-082808 SB-21 S1(0.5-2.5) SB-21 S4(6.5-8.5)	22.0 ug/L
VBLK01	Acetone Methyl Acetate Methylene Chloride Toluene	5.0 ug/kg 1.0 ug/kg 21.0 ug/kg 2.0 ug/kg	SB-20 S1(4-6) TP1-S1(10-11) TP2-S1(1-3) TP2-S2(8-10) TP3-S1(4-6) TP3-S2(7-9) TP4-S1(8-10)	50.0 ug/kg 5.0 ug/kg 210.0 ug/kg 10.0 ug/kg
VBLK08	Acetone Methyl Acetate Methylene Chloride Toluene	6.0 ug/kg 1.0 ug/kg 14.0 ug/kg 2.0 ug/kg	DUP-082808 SB-21 S1(0.5-2.5) SB-21 S4(6.5-8.5)	60.0 ug/kg 5.0 ug/kg 140.0 ug/kg 10.0 ug/kg
VBLK10	Acetone Methylene Chloride Toluene	6.0 ug/kg 14.0 ug/kg 1.0 ug/kg	MW-8 S2(4-6) MW-9 S3(4-5)	60.0 ug/kg 140.0 ug/kg 5.0 ug/kg

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Flag sample results with a "U" if < to this value
SBLK43	Chrysene	20.0 ug/kg	SB-20 S1(4-6) TP1-S1(10-11) TP2-S2(8-10) TP3-S1(4-6) TP3-S2(7-9) TP4-S1(8-10) TP2-S1(1-3)	100.0 ug/kg
SBLK49	Butylbenzylphthalate Chrysene Di-n-butylphthalate	2.0 ug/L 0.6 ug/L 0.3 ug/L	EB-082508	20.0 ug/L 3.0 ug/L 3.0 ug/L
SBLK50	Butylbenzylphthalate Chrysene Di-n-butylphthalate Phenanthrene	2.0 ug/L 0.6 ug/L 0.3 ug/L 0.2 ug/L	EB-082608	20.0 ug/L 3.0 ug/L 3.0 ug/L 1.0 ug/L
SBLK52	Chrysene	18.0 ug/kg	DUP-082808 SB-21 S4(6.5-8.5) SB-21 S1(0.5-2.5) MW-8 S2(4-6)	90.0 ug/kg
SBLK65	Chrysene	17.0 ug/kg	MW-9 S3(4-5)	85.0 ug/kg
SBLK39	Chrysene	0.6 ug/L	90 CANAL ST SUMP EB-082808	3.0 ug/L
SBLK40	Chrysene Naphthalene Phenanthrene	0.7 ug/L 1.0 ug/L 0.2 ug/L	EB-082908 EB-090208	3.5 ug/L 5.0 ug/L 1.0 ug/L
EB-082908	Di-n-butylphthalate	0.3 ug/L	MW-8 S2(4-6)	3.0 ug/L
EB-082608	4-Chloroanaline Nitrobenzene	4.0 ug/L 4.0 ug/L	SB-20 S1(4-6)	20.0 ug/L 20.0 ug/L
EB-082808	Di-n-butylphthalate	0.5 ug/L	DUP-082808 SB-21 S1(0.5-2.5) SB-21 S4(6.5-8.5)	5.0 ug/L

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Flag sample results with a "U" if < to this value
EB-082508	Calcium Magnesium Sodium	31100 ug/L 8310 ug/L 13700 ug/L	TP1-S1(10-11) TP2-S1(1-3) TP2-S2(8-10) TP3-S1(4-6) TP3-S2(7-9) TP4-S1(8-10)	311000 ug/L 83100 ug/L 137000 ug/L
EB-082608	Calcium Magnesium Sodium	30800 ug/L 8280 ug/L 13800 ug/L	SB-20 S1(4-6)	308000 ug/L 82800 ug/L 138000 ug/L
EB-082808	Calcium Magnesium Sodium	31700 ug/L 8620 ug/L 13800 ug/L	DUP-082808 SB-21 S1(0.5-2.5) SB-21 S4(6.5-8.5)	317000 ug/L 86200 ug/L 138000 ug/L

System Monitoring Compound Recoveries

System monitoring/surrogate compounds are added to each sample prior to analysis of organic parameters by EPA Methods 8260B, 8270C and/or 8082 to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. The calculated recovery of these compounds fell within the laboratory specific quality control criteria. In a few instances, sample extracts required dilution prior to analysis to either improve instrument performance by minimizing matrix interference or enable quantification of the detected target analytes within the instrument calibration range. Where applicable, the laboratory qualified the reported results indicating the system monitoring compound recovery could not be calculated due to a sample extract dilution. In cases where the instrument resolution appeared to be unaffected by the diluted sample matrix, the sample results were accepted without qualification. No qualification of the data is recommended.

Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries

Analytical precision and accuracy was evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds. The reported recovery of MS/MSD and LCS analyses fell within the laboratory QA acceptance criteria, with the following exception(s):

LCS ID / Project Sample MS	Target Analyte(s)	%R Criteria	%R	Affected Sample(s)
MW-9 S3(4-5)MS	Trichloroethene	74 - 127	61	DUP-082808
	Benzene	74 - 127	62	MW-8 S2(4-6)
	Toluene	74 - 123	61	MW-9 S3(4-5)
	Chlorobenzene	76 - 124	64	SB-20 S1(4-6)
				SB-21 S1(0.5-2.5)
				SB-21 S4(6.5-8.5)
				TP1-S1(10-11)
				TP2-S1(1-3)
				TP2-S2(8-10)
				TP3-S1(4-6)
				TP3-S2(7-9)
				TP4-S1(8-10)

Action:

If the LCS %R is greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the LCS %R is less than the lower acceptance limit associated target analyte positive results are qualified "J" and non-detects are qualified "R". If the MS/MSD is from a project sample and the %R greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the MS/MSD %R is >10%, but less than the lower acceptance limit, associated analyte positive results are qualified "J" and non-detects are qualified "UJ". If the MS/MSD %R is less than 10% associated target analyte positive results are qualified "J" and non-detects are qualified "R". MS/MSD qualifiers are only applied to affected samples of the same matrix. If the MS/MSD is a LAB sample do not qualify project samples.

LCS ID / Project Sample MS	Type	Target Analyte(s)	%R	Affected Sample(s)	Positive Results	Non Detect (ND)
MW-9 S3(4-5)	MS	Aluminum	24	DUP-082808	J	R
	MS	Antimony	74	MW-8 S2(4-6)	J	UJ
	MS			MW-9 S3(4-5)		
	MS			SB-20 S1(4-6)		
	MS			SB-21 S1(0.5-2.5)		
	MS			SB-21 S4(6.5-8.5)		
	MS			TP1-S1(10-11)		
	MS			TP2-S1(1-3)		
	MS			TP2-S2(8-10)		
	MS			TP3-S1(4-6)		
	MS			TP3-S2(7-9)		
	MS			TP4-S1(8-10)		
MW-9 S3(4-5)	MSD	Aluminum	65	DUP-082808	J	UJ
	MSD	Magnesium	126	MW-8 S2(4-6)	J	
	MSD			MW-9 S3(4-5)		
	MSD			SB-20 S1(4-6)		
	MSD			SB-21 S1(0.5-2.5)		
	MSD			SB-21 S4(6.5-8.5)		
	MSD			TP1-S1(10-11)		
	MSD			TP2-S1(1-3)		
	MSD			TP2-S2(8-10)		
	MSD			TP3-S1(4-6)		
	MSD			TP3-S2(7-9)		
	MSD			TP4-S1(8-10)		

Internal Standard Recoveries

Internal Standard compounds were added to each sample matrix prior to the analysis of organic parameters by EPA Methods 8260B and/or 8270C to quantify the amount of the target compounds detected within each sample. The calculated response of each IS compound fell within the QA/QC criteria of +100% and – 50% of the corresponding CCV standard. No qualification of the data is recommended.

Duplicate Sample Analysis

The replicate percent difference (RPD) was evaluated for each duplicate sample pair to monitor the reproducibility of the data. The RPD for each sample pair was within the QA/QC limit of 30% for aqueous samples and 50% for solid matrices, for those target analytes with sample concentrations >5X the MDL. No qualification of the data is recommended.

ICP Interference Check Sample Performance

The results of the ICP Interference Check Samples analyzed concurrently with the project samples were all within the acceptance criteria +/- 20% of true value as prescribed by USEPA guidance. No qualification of the data is recommended.

ICP Serial Dilution Replicate Percent Difference

The results of the ICP Serial Dilution samples analyzed concurrently with the project samples were in accordance with the EPA QA acceptance criteria of less than 10% RPD for those target analytes with sample concentrations >50X the MDL, with the following exception(s):

Serial Dilution ID	Target Analyte(s)	%D	Affected Sample(s)
MW-9 S3(4-5)	Barium	11	DUP-082808
	Calcium	11	MW-8 S2(4-6)
	Chromium	16	MW-9 S3(4-5)
	Copper	13	SB-20 S1(4-6)
	Magnesium	11	SB-21 S1(0.5-2.5)
	Nickel	14	SB-21 S4(6.5-8.5)
	Potassium	13	TP1-S1(10-11)
	Vanadium	11	TP2-S1(1-3)
			TP2-S2(8-10)
			TP3-S1(4-6)
			TP3-S2(7-9)
			TP4-S1(8-10)

Action:
For serial dilution %D results >10%, qualify results > the MDL as "J" and non-detects as "UJ".

Sample Data Reporting Format

The sample data are presented using USEPA Contract Laboratory Protocol (CLP) format. The data package has been reviewed for completeness and found to contain each required sample result and associated QA/QC report form. The reporting format is complete and compliant with the objectives of the project. No qualification of the data is recommended.

Data Qualifiers

Data qualifiers were assigned by the laboratory to the reported results to identify target analytes detected below the reporting limit but above the method detection limit, and/or when target analytes were detected in the associated method/preparation blank sample. Based on a spot check of the data qualifiers used, these flags appeared to be applied to the reported results in accordance with EPA guidance.

Organic analyses samples that contained concentrations of target analytes at a reportable level in the associated method blanks were flagged b the laboratory with a "B". If the target analyte concentration was greater than 10 times (10X) the amount in any blank for the common laboratory contaminants or 5 times (5X) the amount for other target compounds, the "B" qualifier was not carried forward for database input; if less than the 10X or 5X rule the "B" qualifier was replaced with a "U". The "J" qualifier, which indicates an estimated value because the result was between the MDL and RL was carried through to the database.

Summary

The results presented in each report were found to be compliant with the data quality objectives for the project and usable. Based on our review, the usability of the data is 100%, with the few exceptions noted above.

Data Usability Summary Report (DUSR)
Rochester Gas & Electric
Analytical Laboratory: TestAmerica, Inc. – Buffalo, NY
Sample Delivery Group # B653

Analytical results for the project samples were reviewed to evaluate the data usability. Data was assessed in accordance with guidance from th following Federal and/or State guidance documents:

- USEPA National Functional Guidelines for Inorganic Data Review (EPA 540-R-04-004)
- USEPA National Functional Guidelines for Organic Data Review (EPA 540/R-99/008) and/or
  USEPA National Functional Guidelines for Low Concentration Organic Data Review (EPA 540-R-04-004)
- NYSDEC "Guidance for the Development of Quality Assurance Plans and
  Data Usability Summary Reports (DUSR)", September 1997

and method protocol criteria where applicable as prescribed by "Test Methods for Evaluating Solid Waste", SW846, Update III, 1996.

This DUSR pertains to the following samples:

Sample ID	Sample ID
EB-092208	TB-092208
EB-092308	TB-092308
EB-092408	TRIP BLANK-092508
FD-092408	
MW-1-092208	
MW-2-092208	
MW-3-092408	
MW-4-092408	
MW-5-092308	
MW-6-092408	
MW-8-092408	
MW-9-092408	
MW-9-092508	

Project Samples were analyzed according to the following analytical methods:

	Parameter	Analytical Method	Holding Time Criteria
1.	VOCs	EPA 8260B/624	14 days
2.	SVOCs (BNAs)	EPA 8270C/625	7 days ext/40 days analysis
3.	ICP Metals	EPA 6010B/200.7	180 days
4.	Mercury	EPA 7470A	28 days
5.	Cyanide, Total	EPA 9012A	14 days

The following items/criteria applicable to the analysis of project samples and associated QA/QC procedures were reviewed.

- Holding Times
- GC/MS Instrument Performance Check
- Initial Calibration Procedures
- Continuing Calibration Procedures
- Blank Sample Analysis
- System Monitoring Compound Recoveries
- Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- Internal Standard Recoveries
- Duplicate Sample Analysis
- ICP Interference Check Sample Performance
- ICP Serial Dilution Replicate Percent Difference
- Target Compound Identification
- Sample Data Reporting Format

- Data Qualifiers
- Summary

Preservation and Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of sample preparation or analysis, were met for each project sample analyzed as part of this sample delivery group. No qualification of the data is recommended.

GC/MS Instrument Performance Check

GC/MS instrument performance checks for the instruments used in the analysis of project samples fell within method specific criteria without exception. No qualification of the data is recommended.

Initial Calibration Procedures

Initial instrument calibration procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols, with the following exception(s):

During the analysis of VOCs (SW846 8260B), the initial calibration standards for the following target compound(s) exhibited a percent relative standard deviation (%RSD) greater than the acceptance criteria of 30% and/or a RRF less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%RSD	RRF	Affected Sample(s)	Corrective Action
G	10/08/08 1941	Methylene chloride	32.20	0.53	MW-3-092408 DL MW-9-092408 DL	See Action #1 Below
J	10/03/08 1630	Methylene chloride	36.30	0.33	EB-092308 MW-5-092308 TB-092308	See Action #1 Below
P	09/26/08 1522	Methylene chloride	33.50	0.48	EB-092208 MW-1-092208 MW-2-092208 TB-092208	See Action #1 Below
S	09/26/08 0215	Methylene chloride	46.80	0.48	MW-3-092408 EB-092408 FD-092408 MW-4-092408 MW-6-092408 MW-8-092408 MW-9-092408 TRIP BLANK-092508	See Action #1 Below

Action #1
Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

During the analysis of SVOCs (SW846 8270C), the initial calibration standards for the following target compound(s) exhibited a percent relative standard deviation (%RSD) greater than the acceptance criteria of 30% and/or a RRF less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%RSD	RRF	Affected Sample(s)	Corrective Action
U	09/22/08	2,4-Dinitrophenol	36.60	0.17	EB-092308	See Action #1 Below
	1118	Pentachlorophenol	30.70	0.10	MW-5-092308	See Action #1 Below
	09/23/08	Hexachlorocyclopentadiene	33.40	0.36	MW-1-092208	See Action #1 Below
	2113	2,4-Dinitrophenol	38.40	0.17	MW-2-092208	See Action #1 Below
		4-Nitroaniline	31.40	0.38		See Action #1 Below
		Pentachlorophenol	39.20	0.10		See Action #1 Below
	09/30/08	4,6-Dinitro-2-methylphenol	32.00	0.09	EB-092208	See Action #1 Below
	1130				EB-092408	
					FD-092408	
					MW-3-092408	
					MW-4-092408	
					MW-6-092408	
					MW-8-092408	
					MW-9-092408	

Action #1
Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

Continuing Calibration Procedures

Continuing calibration verification (CCV) procedures for the analysis of project samples were consistent with the guidelines prescribed by EPA protocols, with the following exception(s):

During the analysis of VOCs (SW846 8260B), the continuing calibration verification (CCV) standards for the following target compound(s) exhibited a percent drift (%D) greater than the acceptance criteria of 25% and/or a RRF less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%D	RRF	Affected Sample(s)	Corrective Action
J	10/03/08	Methylene chloride	27.00	0.24	EB-092308	See Action #1 Below
	1749				MW-5-092308	
					TB-092308	
P	10/02/08	Bromomethane	-27.30	0.16	EB-092208	See Action #1 Below
	2238	1,1,1-Trichloroethane	-25.80	0.69	MW-1-092208	See Action #1 Below
		Carbon tetrachloride	-27.60	0.55	MW-2-092208	See Action #1 Below
		Trichlorofluoromethane	-26.80	0.71	TB-092208	See Action #1 Below
S	10/08/08	Bromomethane	30.40	0.10	MW-3-092408	See Action #1 Below
	0837	Methylene chloride	26.30	0.35	EB-092408	See Action #1 Below
					FD-092408	
					MW-4-092408	
					MW-6-092408	
					MW-8-092408	
					MW-9-092408	
					TRIP BLANK-092508	

Action #1
Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

During the analysis of SVOCs (SW846 8270C), the continuing calibration verification (CCV) standards for the following target compound(s) exhibited a percent drift (%D) greater than the acceptance criteria of 25% and/or a RRL less than 0.05:

Inst.	Date / Time	Target Analyte(s)	%D	RRF	Affected Sample(s)	Corrective Action
U	09/30/08 1032	3,3'-Dichlorobenzidine	-26.60	0.46	EB-092308 MW-5-092308	See Action #1 Below
	09/26/08 0914	Hexachlorocyclopentadiene	-29.20	0.47	MW-1-092208 MW-2-092208	See Action #1 Below
	09/30/08 2104	2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol Pentachlorophenol	-36.40 -34.20 -26.00	0.15 0.12 0.15	EB-092208	See Action #1 Below See Action #1 Below See Action #1 Below
	10/02/08 0850	2,4-Dinitrophenol 4,6-Dinitro-2-methylphenol Pentachlorophenol	-43.10 -37.90 -27.20	0.16 0.13 0.15	EB-092408 FD-092408 MW-3-092408 MW-4-092408 MW-6-092408 MW-8-092408 MW-9-092408	See Action #1 Below See Action #1 Below See Action #1 Below

Action #1
Positive results are qualified "J", estimated and non-detected analytes as "UJ", estimated detection limit.

Blank Sample Analysis

In accordance with cited USEPA guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10X) the amount in any blank for metals and the common organic laboratory contaminants (methylene chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5X) the amount for other target compounds. Target compounds were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples, with the following exception(s):

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Flag sample results with a "U" if < to this value
EB-092308	Acetone	3.0 ug/L	MW-5-092308	30.0 ug/L
TB-092208	Acetone Methylene chloride	2.0 ug/L 1.5 ug/L	MW-1-092208 MW-2-092208	20.0 ug/L 15.0 ug/L
TRIP BLANK-092508	cis-1,2-Dichloroethene	0.52 ug/L	EB-092408 FD-092408 MW-3-092408 DL MW-4-092408 MW-6-092408 MW-8-092408 MW-9-092408 MW-9-092408 DL	2.6 ug/L

Blank	Target Analyte(s)	Concn.	Affected Sample(s)	Flag sample results with a "U" if < to this value
EB-092208	Naphthalene	0.2 ug/L	MW-1-092208	1.0 ug/L
	Nitrobenzene	0.2 ug/L	MW-2-092208	1.0 ug/L
	Di-n-butylphthalate	0.3 ug/L		3.0 ug/L
	bis(2-Ethylhexyl)phthalate	0.2 ug/L		2.0 ug/L
	Butylbenzylphthalate	0.9 ug/L		9.0 ug/L
EB-092408	Di-n-butylphthalate	0.3 ug/L	FD-092408	3.0 ug/L
	Butylbenzylphthalate	0.8 ug/L	MW-3-092408	8.0 ug/L
	bis(2-Ethylhexyl)phthalate	0.2 ug/L	MW-4-092408	2.0 ug/L
			MW-6-092408	
			MW-8-092408	
			MW-9-092408	
SBLK56	Naphthalene	0.2 ug/L	EB-092308	1.0 ug/L
			MW-5-092308	
SBLK60	Di-n-butylphthalate	0.3 ug/L	EB-092208	3.0 ug/L
			MW-1-092208	
			MW-2-092208	
SBLK69	2-Methylnaphthalene	0.3 ug/L	EB-092408	3.0 ug/L
	Naphthalene	0.4 ug/L	FD-092408	2.0 ug/L
			MW-3-092408	
			MW-4-092408	
			MW-6-092408	
			MW-8-092408	
			MW-9-092408	

System Monitoring Compound Recoveries

System monitoring/surrogate compounds are added to each sample prior to analysis of organic parameters by EPA Methods 8260B, 8270C and/or 8082 to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. The calculated recovery of these compounds fell within the laboratory specific quality control criteria. In a few instances, sample extracts required dilution prior to analysis to either improve instrument performance by minimizing matrix interference or enable quantification of the detected target analytes within the instrument calibration range. Where applicable, the laboratory qualified the reported results indicating the system monitoring compound recovery could not be calculated due to a sample extract dilution. In cases where the instrument resolution appeared to be unaffected by the diluted sample matrix, the sample results were accepted without qualification. No qualification of the data is recommended.

Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries

Analytical precision and accuracy was evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds. The reported recovery of MS/MSD and LCS analyses fell within the laboratory QA acceptance criteria, with the following exception(s):

LCS ID / Project Sample MS	Target Analyte(s)	%R Criteria	%R	Affected Sample(s)
MW-2-092208	Trichloroethene	77 - 123	124	MW-1-092208 MW-2-092208 MW-3-092408 MW-3-092408 DL MW-4-092408 MW-5-092308 MW-6-092408 MW-8-092408 MW-9-092408 MW-9-092408 DL

Action:

If the LCS %R is greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the LCS %R is less than the lower acceptance limit associated target analyte positive results are qualified "J" and non-detects are qualified "R". If the MS/MSD is from a project sample and the %R greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the MS/MSD %R is >10%, but less than the lower acceptance limit, associated analyte positive results are qualified "J" and non-detects are qualified "UJ". If the MS/MSD %R is less than 10% associated target analyte positive results are qualified "J" and non-detects are qualified "R". MS/MSD qualifiers are only applied to affected samples of the same matrix. If the MS/MSD is a LAB sample do not qualify project samples.

LCS ID / Project Sample MS	Target Analyte(s)	%R Criteria	%R	Affected Sample(s)
LCS SBLK60	4-Chloro-3-methylphenol	64 - 120	59	EB-092208 MW-1-092208 MW-2-092208
MW-2-092208	4-Nitrophenol Pentachlorophenol	16 - 120 39 - 136	5 30	MW-1-092208 MW-2-092208 MW-3-092408 MW-4-092408 MW-5-092308 MW-6-092408 MW-8-092408 MW-9-092408

Action:

If the LCS %R is greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the LCS %R is less than the lower acceptance limit associated target analyte positive results are qualified "J" and non-detects are qualified "R". If the MS/MSD is from a project sample and the %R greater than the upper acceptance limit, associated target analyte positive results are qualified "J" and non-detects should not be qualified. If the MS/MSD %R is >10%, but less than the lower acceptance limit, associated analyte positive results are qualified "J" and non-detects are qualified "UJ". If the MS/MSD %R is less than 10% associated target analyte positive results are qualified "J" and non-detects are qualified "R". MS/MSD qualifiers are only applied to affected samples of the same matrix. If the MS/MSD is a LAB sample do not qualify project samples.

Internal Standard Recoveries

Internal Standard compounds were added to each sample matrix prior to the analysis of organic parameters by EPA Methods 8260B and/or 8270C to quantify the amount of the target compounds detected within each sample. The calculated response of each IS compound fell within the QA/QC criteria of +100% and – 50% of the corresponding CCV standard. No qualification of the data is recommended.

Duplicate Sample Analysis

The replicate percent difference (RPD) was evaluated for each duplicate sample pair to monitor the reproducibility of the data. The RPD for each sample pair was within the QA/QC limit of 30% for aqueous samples and 50% for solid matrices, for those target analytes with sample concentrations >5X the MDL. No qualification of the data is recommended.

ICP Interference Check Sample Performance

The results of the ICP Interference Check Samples analyzed concurrently with the project samples were all within the acceptance criteria +/- 20% of true value as prescribed by USEPA guidance. No qualification of the data is recommended.

ICP Serial Dilution Replicate Percent Difference

The results of the ICP Serial Dilution samples analyzed concurrently with the project samples were in accordance with the EPA QA acceptance criteria of less than 10% RPD for those target analytes with sample concentrations >50X the MDL. No qualification of the data is recommended.

Target Compound Identification

GC/MS qualitative analysis for organic parameters analyzed by EPA Methods 8260B and/or 8270C was performed to remove mis identifications of the target compounds. The relative retention times (RRT) of all reported target compounds were within +/- 0.06 RRT units o the associated calibration standard RRT, and all ions present in the reference standard spectrum at a relative intensity greater than 10 percent were also present in the sample spectrum. No qualification of the data is recommended.

Sample Data Reporting Format

The sample data are presented using USEPA Contract Laboratory Protocol (CLP) format. The data package has been reviewed for completeness and found to contain each required sample result and associated QA/QC report form. The reporting format is complete and compliant with the objectives of the project. No qualification of the data is recommended.

Data Qualifiers

Data qualifiers were assigned by the laboratory to the reported results to identify target analytes detected below the reporting limit but above the method detection limit, and/or when target analytes were detected in the associated method/preparation blank sample. Based on a spot check of the data qualifiers used, these flags appeared to be applied to the reported results in accordance with EPA guidance.

Organic analyses samples that contained concentrations of target analytes at a reportable level in the associated method blanks were flagged b the laboratory with a “B”. If the target analyte concentration was greater than 10 times (10X) the amount in any blank for the common laboratory contaminants or 5 times (5X) the amount for other target compounds, the “B” qualifier was not carried forward for database input; if less than the 10X or 5X rule the “B” qualifier was replaced with a “U”. The “J” qualifier, which indicates an estimated value because the result was between the MDL and RL was carried through to the database.

Summary

The results presented in each report were found to be compliant with the data quality objectives for the project and usable. Based on our review, the usability of the data is 100%, with the few exceptions noted above.

ANALYTICAL REPORT

Job#: A08-A475,A08-A629,A08-A713,A08-A718

Project#: NY3A9052
SDG#: A475
Site Name: Rochester Gas & Electric
Task: Canal Street Rochester Former MGP Site

Mr. Glenn White
Haley and Aldrich
200 Town Center Drive, Suite 2
Rochester, NY 14623

TestAmerica Laboratories Inc.

Paul K. Morrow
Project Manager

09/23/2008

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 7/16/2008

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

SAMPLE SUMMARY

SDG#: A475

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8A62901	90 CANAL ST. SUMP	WATER	08/27/2008	10:00	08/29/2008	17:35
A8A62905	DUP082808	SOIL	08/28/2008	10:25	08/29/2008	17:35
A8A71302	EB 082908	WATER	08/29/2008	16:00	09/02/2008	15:05
A8A71802	EB 090208	WATER	09/02/2008	12:00	09/03/2008	15:15
A8A47508	EB082508	WATER	08/25/2008	18:00	08/27/2008	14:40
A8A47509	EB082608	WATER	08/26/2008	18:30	08/27/2008	14:40
A8A62902	EB082808	WATER	08/28/2008	13:00	08/29/2008	17:35
A8A71301	MW-8 S2 4-6	SOIL	08/29/2008	12:00	09/02/2008	15:05
A8A71801	MW-9 S3,4-5	SOIL	09/02/2008	09:20	09/03/2008	15:15
A8A71801MS	MW-9 S3,4-5	SOIL	09/02/2008	09:20	09/03/2008	15:15
A8A71801SD	MW-9 S3,4-5	SOIL	09/02/2008	09:20	09/03/2008	15:15
A8A47507	SB-20-S1(4-6)	SOIL	08/26/2008	15:00	08/27/2008	14:40
A8A62903	SB-21 S1-0.5-2.5	SOIL	08/28/2008	09:30	08/29/2008	17:35
A8A62904	SB-21 S4-6.5-8.5	SOIL	08/28/2008	10:25	08/29/2008	17:35
A8A71803	TB 090208	WATER	09/02/2008	00:00	09/03/2008	15:15
A8A47510	TB082508	WATER	08/25/2008	08:00	08/27/2008	14:40
A8A62906	TB082808	WATER	08/28/2008	00:00	08/29/2008	17:35
A8A47501	TP1-S1(10-11)	SOIL	08/25/2008	11:00	08/27/2008	14:40
A8A47502	TP2-S1(1-3)	SOIL	08/25/2008	13:00	08/27/2008	14:40
A8A47503	TP2-S2(8-10)	SOIL	08/25/2008	13:30	08/27/2008	14:40
A8A47504	TP3-S1(4-6)	SOIL	08/25/2008	14:40	08/27/2008	14:40
A8A47505	TP3-S2(7-9)	SOIL	08/25/2008	15:00	08/27/2008	14:40
A8A47506	TP4-S1(8-10)	SOIL	08/25/2008	16:50	08/27/2008	14:40
A8A71303	Trip Blank	WATER	08/29/2008		09/02/2008	15:05

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METHODS SUMMARY

Job#: A08-A475,A08-A629,A08-A713,A08-A718

Project#: NY3A9052
SDG#: A475
Site Name: Rochester Gas & Electric

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	SW8463 9012
Cyanide - Total	SW8463 9012A

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

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SDG NARRATIVE

Job#: A08-A475,A08-A629,A08-A713,A08-A718

Project#: NY3A9052
SDG#: A475
Site Name: Rochester Gas & Electric

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-A475
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
No volume was received for cyanide analysis but it was requested on th COC. Poured off in Sample Control into preserved NaOH bottles.

A08-A629
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

A08-A713
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

A08-A718
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

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GC/MS Volatile Data

The analyte Methylene Chloride was detected in the Method Blanks VBLK01 (A8B2152302), VBLK08 (A8B2170302) and VBLK10 (A8B2178004) at a level above the project established reporting limit. The associated samples had similar levels of Methylene Chloride to that of the Method Blank value. All sample detections for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

The spike recovery of the analytes Trichloroethene, Benzene, Toluene and Chlorobenzene in the Matrix Spike and in the Matrix spike Duplicate of sample MW-9 S3,4-5 fell below quality control limits. The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate of sample MW-9 S3,4-5 exceeded quality control limits for the analyte 1,1-Dichloroethene. The associated Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000550-1, A8I0000618-1, A8I0000621-1, A8I0000635-1, A8I0000654-1 and A8I0000663-1.

For method 8260, all water samples were preserved to a pH less than 2.

GC/MS Semivolatile Data

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000562-1, A8I0000579-1 and A8I0000599-1.

Linear regression was used to calibrate all analytes, with the exception of Benzo(k)fluoranthene, that were greater than 15% RSD in the initial calibration standard curve A8I0000619-. A quadratic equation was used to calibrate the analyte Benzo(k)fluoranthene that was greater than 15% RSD in the initial calibration standard curve A8I0000619-1.

Linear regression was used to calibrate all analytes, with the exception of 2,4-Dinitrophenol, that were greater than 15% RSD in the initial calibration standard curve A8I0000639-1. A quadratic equation was used to calibrate the analyte 2,4-Dinitrophenol that was greater than 15% RSD in the initial calibration standard curve A8I0000639-1.

The continuing calibration verification standard A8C00002212-1 exhibited the percent Difference (%D) as greater than 20% on the Form VII for the analyte Pentachlorophenol. However since this analyte was calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 8.5%. No corrective action was required.

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Metals Data

The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Calcium and Manganese (SD). The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limit for Iron. The sample results were more than four times greater than the spike added. However, the LCS was acceptable.

The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limit for Aluminum. The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Antimony (MS) and Magnesium (SD). Sample matrix was suspect. However, the LCS was acceptable.

The CCVs, analyzed at 15:25, 17:26, and 18:29, exhibited results below the quality control limit for Potassium. However, the samples were bracketed by compliant CCV's, therefore, no corrective action was necessary.

The CCV recovery, analyzed at 07:07, for Beryllium, in Method 6010 was above the quality control limit. However, since the target analyte was non-detect in samples 90 CANAL ST. SUMP and EB082808 and the high recovery would yield a high bias, no further corrective action was necessary.

The Serial Dilution of sample MW-9 S3, 4-5 exceeded the quality control limits for Barium, Calcium, Chromium, Copper, Magnesium, Nickel, Potassium, and Vanadium. However, the Post Spike was compliant for these elements. Therefore, no corrective action was necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

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"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

9/27/06
Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TP2-S1(1-3)	A8A47502	8270	20.00	012
TP2-S1(1-3)	A8A47502	Mercury - Total	20.00	
90 CANAL ST. SUMP	A8A62901	8260	4.00	008
SB-21 S1-0.5-2.5	A8A62903	8270	10.00	012
MW-8 S2 4-6	A8A71301	8270	5.00	012

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Date: 09/23/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 10:53:34 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
Organics				
8260	2-Butanone	UG/KG	10	25
8260	2-Hexanone	UG/KG	10	25
8260	4-Methyl-2-pentanone	UG/KG	10	25
8260	Acetone	UG/KG	20	25
8260	Vinyl chloride	UG/KG	5	10
Metals				
6010	Antimony - Total	MG/KG	6.0	15.0
6010	Arsenic - Total	MG/KG	1.0	2.0
6010	Lead - Total	MG/KG	0.50	1.0
7471	Mercury - Total	MG/KG	0.0047	0.020
6010	Selenium - Total	MG/KG	0.59	4.0
6010	Sodium - Total	MG/KG	50.0	140
6010	Thallium - Total	MG/KG	1.0	6.0
6010	Aluminum - Total	MG/L	0.19	0.20
6010	Lead - Total	MG/L	0.0030	0.0050
6010	Selenium - Total	MG/L	0.0061	0.015
6010	Thallium - Total	MG/L	0.010	0.020

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: TESTAMERICA LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
90 CANAL ST. SUMP	A8A62901	SW8463	SW8463	-	-	SW8463	-	SW8463
DUP082808	A8A62905	SW8463	SW8463	-	-	SW8463	-	SW8463
EB 082908	A8A71302	SW8463	SW8463	-	-	SW8463	-	SW8463
EB 090208	A8A71802	SW8463	SW8463	-	-	SW8463	-	SW8463
EB082508	A8A47508	SW8463	SW8463	-	-	SW8463	-	SW8463
EB082608	A8A47509	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-8 S2 4-6	A8A71301	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-9 S3,4-5	A8A71801	SW8463	SW8463	-	-	SW8463	-	SW8463
SB-20-S1(4-6)	A8A47507	SW8463	SW8463	-	-	SW8463	-	SW8463
SB-21 S1-0.5-2.5	A8A62903	SW8463	SW8463	-	-	SW8463	-	SW8463
SB-21 S4-6.5-8.5	A8A62904	SW8463	SW8463	-	-	SW8463	-	SW8463
TP1-S1(10-11)	A8A47501	SW8463	SW8463	-	-	SW8463	-	SW8463
TP2-S1(1-3)	A8A47502	SW8463	SW8463	-	-	SW8463	-	SW8463
TP2-S2(8-10)	A8A47503	SW8463	SW8463	-	-	SW8463	-	SW8463
TP3-S1(4-6)	A8A47504	SW8463	SW8463	-	-	SW8463	-	SW8463
TP3-S2(7-9)	A8A47505	SW8463	SW8463	-	-	SW8463	-	SW8463
TP4-S1(8-10)	A8A47506	SW8463	SW8463	-	-	SW8463	-	SW8463

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

NYSDEC-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
90 CANAL ST. SUMP	WATER	08/27/2008	08/29/2008	-	09/08/2008
DUP082808	SOIL	08/28/2008	08/29/2008	-	09/03/2008
EB 082908	WATER	08/29/2008	09/02/2008	-	09/07/2008
EB 090208	WATER	09/02/2008	09/03/2008	-	09/09/2008
EB082508	WATER	08/25/2008	08/27/2008	-	09/03/2008
EB082608	WATER	08/26/2008	08/27/2008	-	09/03/2008
MW-8 S2 4-6	SOIL	08/29/2008	09/02/2008	-	09/04/2008
MW-9 S3,4-5	SOIL	09/02/2008	09/03/2008	-	09/04/2008
SB-20-S1(4-6)	SOIL	08/26/2008	08/27/2008	-	08/28/2008
SB-21 S1-0.5-2.5	SOIL	08/28/2008	08/29/2008	-	09/03/2008
SB-21 S4-6.5-8.5	SOIL	08/28/2008	08/29/2008	-	09/03/2008
TP1-S1(10-11)	SOIL	08/25/2008	08/27/2008	-	08/28/2008
TP2-S1(1-3)	SOIL	08/25/2008	08/27/2008	-	08/28/2008
TP2-S2(8-10)	SOIL	08/25/2008	08/27/2008	-	08/28/2008
TP3-S1(4-6)	SOIL	08/25/2008	08/27/2008	-	08/28/2008
TP3-S2(7-9)	SOIL	08/25/2008	08/27/2008	-	08/28/2008
TP4-S1(8-10)	SOIL	08/25/2008	08/27/2008	-	08/28/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
90 CANAL ST. SUMP	WATER	08/27/2008	08/29/2008	09/03/2008	09/05/2008
DUP082808	SOIL	08/28/2008	08/29/2008	09/04/2008	09/05/2008
EB 082908	WATER	08/29/2008	09/02/2008	09/04/2008	09/08/2008
EB 090208	WATER	09/02/2008	09/03/2008	09/04/2008	09/08/2008
EB082508	WATER	08/25/2008	08/27/2008	08/29/2008	09/04/2008
EB082608	WATER	08/26/2008	08/27/2008	09/02/2008	09/05/2008
MW-8 S2 4-6	SOIL	08/29/2008	09/02/2008	09/04/2008	09/05/2008
MW-9 S3,4-5	SOIL	09/02/2008	09/03/2008	09/04/2008	09/05/2008
SB-20-S1(4-6)	SOIL	08/26/2008	08/27/2008	08/29/2008	09/03/2008
SB-21 S1-0.5-2.5	SOIL	08/28/2008	08/29/2008	09/04/2008	09/05/2008
SB-21 S4-6.5-8.5	SOIL	08/28/2008	08/29/2008	09/04/2008	09/05/2008
TP1-S1(10-11)	SOIL	08/25/2008	08/27/2008	08/29/2008	09/02/2008
TP2-S1(1-3)	SOIL	08/25/2008	08/27/2008	08/29/2008	09/02/2008
TP2-S2(8-10)	SOIL	08/25/2008	08/27/2008	08/29/2008	09/02/2008
TP3-S1(4-6)	SOIL	08/25/2008	08/27/2008	08/29/2008	09/03/2008
TP3-S2(7-9)	SOIL	08/25/2008	08/27/2008	08/29/2008	09/03/2008
TP4-S1(8-10)	SOIL	08/25/2008	08/27/2008	08/29/2008	09/03/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
90 CANAL ST. SUMP	WATER	TAL ME	08/29/2008	09/03-04/2008	09/04/2008
DUP082808	SOIL	TAL ME	08/29/2008	09/02-03/2008	09/02-04/2008
EB 082908	WATER	TAL ME	09/02/2008	09/04/2008	09/04/2008
EB 090208	WATER	TAL ME	09/03/2008	09/04/2008	09/04/2008
EB082508	WATER	TAL ME	08/27/2008	08/28-29/2008	08/28-29/2008
EB082608	WATER	TAL ME	08/27/2008	08/28-29/2008	08/28-29/2008
MW-8 S2 4-6	SOIL	TAL ME	09/02/2008	09/04-05/2008	09/04-05/2008
MW-9 S3,4-5	SOIL	TAL ME	09/03/2008	09/05/2008	09/05/2008
SB-20-S1(4-6)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02/2008
SB-21 S1-0.5-2.5	SOIL	TAL ME	08/29/2008	09/02-03/2008	09/02-04/2008
SB-21 S4-6.5-8.5	SOIL	TAL ME	08/29/2008	09/03-11/2008	09/04-11/2008
TP1-S1(10-11)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02/2008
TP2-S1(1-3)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02/2008
TP2-S2(8-10)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02/2008
TP3-S1(4-6)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02-05/2008
TP3-S2(7-9)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02/2008
TP4-S1(8-10)	SOIL	TAL ME	08/27/2008	08/29-09/02/2008	09/02/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
90 CANAL ST. SUMP	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
DUP082808	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
EB 082908	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
EB 090208	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
EB082508	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
EB082608	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-8 S2 4-6	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
MW-9 S3,4-5	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-20-S1(4-6)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-21 S1-0.5-2.5	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-21 S4-6.5-8.5	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
TP1-S1(10-11)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
TP2-S1(1-3)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
TP2-S2(8-10)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
TP3-S1(4-6)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
TP3-S2(7-9)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
TP4-S1(8-10)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
90 CANAL ST. SUMP	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
DUP082808	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
EB 082908	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
EB 090208	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
EB082508	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
EB082608	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-8 S2 4-6	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-9 S3,4-5	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-20-S1(4-6)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-21 S1-0.5-2.5	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-21 S4-6.5-8.5	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
TP1-S1(10-11)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
TP2-S1(1-3)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
TP2-S2(8-10)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
TP3-S1(4-6)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
TP3-S2(7-9)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
TP4-S1(8-10)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED

Sample Data Summary Package

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0851.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	80	U
71-43-2	Benzene	20	U
75-27-4	Bromodichloromethane	20	U
75-25-2	Bromoform	20	U
74-83-9	Bromomethane	20	U
78-93-3	2-Butanone	40	U
75-15-0	Carbon Disulfide	40	U
56-23-5	Carbon Tetrachloride	20	U
108-90-7	Chlorobenzene	20	U
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	20	U
74-87-3	Chloromethane	20	U
110-82-7	Cyclohexane	20	U
106-93-4	1,2-Dibromoethane	20	U
124-48-1	Dibromochloromethane	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
75-71-8	Dichlorodifluoromethane	20	U
75-34-3	1,1-Dichloroethane	20	U
107-06-2	1,2-Dichloroethane	20	U
75-35-4	1,1-Dichloroethene	20	U
156-59-2	cis-1,2-Dichloroethene	260	
156-60-5	trans-1,2-Dichloroethene	11	J
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
100-41-4	Ethylbenzene	20	U
591-78-6	2-Hexanone	40	U
98-82-8	Isopropylbenzene	20	U
79-20-9	Methyl acetate	40	U
108-87-2	Methylcyclohexane	40	U
75-09-2	Methylene chloride	20	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0851.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	40	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	20	U
100-42-5	Styrene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
127-18-4	Tetrachloroethene	20	U
108-88-3	Toluene	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
71-55-6	1,1,1-Trichloroethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
79-01-6	Trichloroethene	19	J
75-01-4	Vinyl chloride	68	
1330-20-7	Total Xylenes	60	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4247.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	48	B
71-43-2	Benzene	2	J
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	6	J
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	11	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4247.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7580.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7580.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0845.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0845.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0720.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0720.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0721.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	1.5	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0721.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9971.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2.2	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9971.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F4263.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. 31 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	44	B
71-43-2	Benzene	7	U
75-27-4	Bromodichloromethane	7	U
75-25-2	Bromoform	7	U
74-83-9	Bromomethane	7	U
78-93-3	2-Butanone	24	
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	7	U
108-90-7	Chlorobenzene	7	U
75-00-3	Chloroethane	7	U
67-66-3	Chloroform	7	U
74-87-3	Chloromethane	7	U
110-82-7	Cyclohexane	14	U
106-93-4	1,2-Dibromoethane	7	U
124-48-1	Dibromochloromethane	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
95-50-1	1,2-Dichlorobenzene	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
75-71-8	Dichlorodifluoromethane	7	U
75-34-3	1,1-Dichloroethane	7	U
107-06-2	1,2-Dichloroethane	7	U
75-35-4	1,1-Dichloroethene	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
100-41-4	Ethylbenzene	7	U
591-78-6	2-Hexanone	14	U
98-82-8	Isopropylbenzene	7	U
79-20-9	Methyl acetate	14	U
108-87-2	Methylcyclohexane	14	U
75-09-2	Methylene chloride	17	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F4263.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. 31 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	14	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	14	U
100-42-5	Styrene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
127-18-4	Tetrachloroethene	7	U
108-88-3	Toluene	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U
71-55-6	1,1,1-Trichloroethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
79-01-6	Trichloroethene	7	U
75-01-4	Vinyl chloride	7	U
1330-20-7	Total Xylenes	21	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F4267.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	6	BJ
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	11	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F4267.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	1	J
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	16	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F4183.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	21	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon Disulfide	1	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	12	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	12	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	12	U
108-87-2	Methylcyclohexane	12	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F4183.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	18	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F4245.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	110	B
71-43-2	Benzene	2	J
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	15	
75-15-0	Carbon Disulfide	3	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	9	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F4245.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	1	BJ
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4246.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	44	B
71-43-2	Benzene	4	J
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	12	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	12	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	12	U
108-87-2	Methylcyclohexane	12	U
75-09-2	Methylene chloride	8	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4246.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	18	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71803

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0846.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71803

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0846.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0722.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	1.7	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0722.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62906

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9972.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62906

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9972.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F4177.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	30	B
71-43-2	Benzene	6	
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon Disulfide	12	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	12	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	2	J
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	12	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	12	U
108-87-2	Methylcyclohexane	12	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F4177.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4178.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 28 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	27	U
71-43-2	Benzene	7	U
75-27-4	Bromodichloromethane	7	U
75-25-2	Bromoform	7	U
74-83-9	Bromomethane	7	U
78-93-3	2-Butanone	13	U
75-15-0	Carbon Disulfide	13	U
56-23-5	Carbon Tetrachloride	7	U
108-90-7	Chlorobenzene	7	U
75-00-3	Chloroethane	7	U
67-66-3	Chloroform	7	U
74-87-3	Chloromethane	7	U
110-82-7	Cyclohexane	13	U
106-93-4	1,2-Dibromoethane	7	U
124-48-1	Dibromochloromethane	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
95-50-1	1,2-Dichlorobenzene	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
75-71-8	Dichlorodifluoromethane	7	U
75-34-3	1,1-Dichloroethane	7	U
107-06-2	1,2-Dichloroethane	7	U
75-35-4	1,1-Dichloroethene	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
100-41-4	Ethylbenzene	7	U
591-78-6	2-Hexanone	13	U
98-82-8	Isopropylbenzene	7	U
79-20-9	Methyl acetate	13	U
108-87-2	Methylcyclohexane	13	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4178.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 28 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	13	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	13	U
100-42-5	Styrene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
127-18-4	Tetrachloroethene	6	J
108-88-3	Toluene	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U
71-55-6	1,1,1-Trichloroethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
79-01-6	Trichloroethene	15	
75-01-4	Vinyl chloride	7	U
1330-20-7	Total Xylenes	20	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4179.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	14	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	17	B

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4179.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 5.20 (g/mL) G Lab File ID: F4180.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	8	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 5.20 (g/mL) G Lab File ID: F4180.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	16	U

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Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 5.28 (g/mL) G Lab File ID: F4181.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	21	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	1	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	16	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 5.28 (g/mL) G Lab File ID: F4181.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	16	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4182.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	40	B
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	10	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4182.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7581.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7581.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: X26231.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
208-96-8	Acenaphthylene	9	U
98-86-2	Acetophenone	9	U
120-12-7	Anthracene	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
56-55-3	Benzo(a)anthracene	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
191-24-2	Benzo(ghi)perylene	9	U
50-32-8	Benzo(a)pyrene	9	U
92-52-4	Biphenyl	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
85-68-7	Butyl benzyl phthalate	9	U
106-47-8	4-Chloroaniline	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-58-7	2-Chloronaphthalene	9	U
95-57-8	2-Chlorophenol	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
105-60-2	Caprolactam	47	U
86-74-8	Carbazole	9	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	9	U
132-64-9	Dibenzofuran	9	U
84-74-2	Di-n-butyl phthalate	0.6	J
91-94-1	3,3'-Dichlorobenzidine	9	U
120-83-2	2,4-Dichlorophenol	9	U
84-66-2	Diethyl phthalate	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: X26231.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	9	U
131-11-3	Dimethyl phthalate	9	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
51-28-5	2,4-Dinitrophenol	47	U
121-14-2	2,4-Dinitrotoluene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
117-84-0	Di-n-octyl phthalate	9	U
206-44-0	Fluoranthene	9	U
86-73-7	Fluorene	9	U
118-74-1	Hexachlorobenzene	9	U
87-68-3	Hexachlorobutadiene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
67-72-1	Hexachloroethane	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
78-59-1	Isophorone	9	U
91-57-6	2-Methylnaphthalene	9	U
95-48-7	2-Methylphenol	9	U
106-44-5	4-Methylphenol	9	U
91-20-3	Naphthalene	9	U
88-74-4	2-Nitroaniline	47	U
99-09-2	3-Nitroaniline	47	U
100-01-6	4-Nitroaniline	47	U
98-95-3	Nitrobenzene	9	U
88-75-5	2-Nitrophenol	9	U
100-02-7	4-Nitrophenol	47	U
86-30-6	N-nitrosodiphenylamine	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
87-86-5	Pentachlorophenol	47	U
85-01-8	Phenanthrene	9	U
108-95-2	Phenol	9	U
129-00-0	Pyrene	9	U
95-95-4	2,4,5-Trichlorophenol	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: X26231.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V31170.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	17	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	55	J
205-99-2	Benzo(b)fluoranthene	44	J
207-08-9	Benzo(k)fluoranthene	22	J
191-24-2	Benzo(ghi)perylene	38	J
50-32-8	Benzo(a)pyrene	46	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	67	BJ
53-70-3	Dibenzo(a,h)anthracene	11	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V31170.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	79	J
86-73-7	Fluorene	9	J
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	31	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	100	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	72	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	81	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V31170.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26292.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	48	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26292.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	48	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	48	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26292.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: X26293.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	48	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: X26293.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	48	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	48	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: X26293.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: V31079.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	12	U
208-96-8	Acenaphthylene	12	U
98-86-2	Acetophenone	12	U
120-12-7	Anthracene	12	U
1912-24-9	Atrazine	12	U
100-52-7	Benzaldehyde	12	U
56-55-3	Benzo(a)anthracene	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
191-24-2	Benzo(ghi)perylene	12	U
50-32-8	Benzo(a)pyrene	12	U
92-52-4	Biphenyl	12	U
111-91-1	Bis(2-chloroethoxy) methane	12	U
111-44-4	Bis(2-chloroethyl) ether	12	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	12	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	U
101-55-3	4-Bromophenyl phenyl ether	12	U
85-68-7	Butyl benzyl phthalate	2	BJ
106-47-8	4-Chloroaniline	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-58-7	2-Chloronaphthalene	12	U
95-57-8	2-Chlorophenol	12	U
7005-72-3	4-Chlorophenyl phenyl ether	12	U
105-60-2	Caprolactam	61	U
86-74-8	Carbazole	12	U
218-01-9	Chrysene	0.7	BJ
53-70-3	Dibenzo(a,h)anthracene	12	U
132-64-9	Dibenzofuran	12	U
84-74-2	Di-n-butyl phthalate	0.4	BJ
91-94-1	3,3'-Dichlorobenzidine	12	U
120-83-2	2,4-Dichlorophenol	12	U
84-66-2	Diethyl phthalate	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: V31079.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	U
131-11-3	Dimethyl phthalate	12	U
534-52-1	4,6-Dinitro-2-methylphenol	61	U
51-28-5	2,4-Dinitrophenol	61	U
121-14-2	2,4-Dinitrotoluene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
117-84-0	Di-n-octyl phthalate	12	U
206-44-0	Fluoranthene	12	U
86-73-7	Fluorene	12	U
118-74-1	Hexachlorobenzene	12	U
87-68-3	Hexachlorobutadiene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
67-72-1	Hexachloroethane	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
78-59-1	Isophorone	12	U
91-57-6	2-Methylnaphthalene	12	U
95-48-7	2-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
91-20-3	Naphthalene	12	U
88-74-4	2-Nitroaniline	61	U
99-09-2	3-Nitroaniline	61	U
100-01-6	4-Nitroaniline	61	U
98-95-3	Nitrobenzene	12	U
88-75-5	2-Nitrophenol	12	U
100-02-7	4-Nitrophenol	61	U
86-30-6	N-nitrosodiphenylamine	12	U
621-64-7	N-Nitroso-Di-n-propylamine	12	U
87-86-5	Pentachlorophenol	61	U
85-01-8	Phenanthrene	12	U
108-95-2	Phenol	12	U
129-00-0	Pyrene	12	U
95-95-4	2,4,5-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: V31079.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 780.00 (g/mL) ML Lab File ID: V31123.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	13	U
208-96-8	Acenaphthylene	13	U
98-86-2	Acetophenone	13	U
120-12-7	Anthracene	13	U
1912-24-9	Atrazine	13	U
100-52-7	Benzaldehyde	13	U
56-55-3	Benzo(a)anthracene	13	U
205-99-2	Benzo(b)fluoranthene	13	U
207-08-9	Benzo(k)fluoranthene	13	U
191-24-2	Benzo(ghi)perylene	13	U
50-32-8	Benzo(a)pyrene	13	U
92-52-4	Biphenyl	13	U
111-91-1	Bis(2-chloroethoxy) methane	13	U
111-44-4	Bis(2-chloroethyl) ether	13	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	13	U
117-81-7	Bis(2-ethylhexyl) phthalate	13	U
101-55-3	4-Bromophenyl phenyl ether	13	U
85-68-7	Butyl benzyl phthalate	13	U
106-47-8	4-Chloroaniline	4	J
59-50-7	4-Chloro-3-methylphenol	13	U
91-58-7	2-Chloronaphthalene	13	U
95-57-8	2-Chlorophenol	13	U
7005-72-3	4-Chlorophenyl phenyl ether	13	U
105-60-2	Caprolactam	64	U
86-74-8	Carbazole	13	U
218-01-9	Chrysene	0.7	BJ
53-70-3	Dibenzo(a,h)anthracene	13	U
132-64-9	Dibenzofuran	13	U
84-74-2	Di-n-butyl phthalate	13	U
91-94-1	3,3'-Dichlorobenzidine	13	U
120-83-2	2,4-Dichlorophenol	13	U
84-66-2	Diethyl phthalate	13	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 780.00 (g/mL) ML Lab File ID: V31123.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	13	U
131-11-3	Dimethyl phthalate	13	U
534-52-1	4,6-Dinitro-2-methylphenol	64	U
51-28-5	2,4-Dinitrophenol	64	U
121-14-2	2,4-Dinitrotoluene	13	U
606-20-2	2,6-Dinitrotoluene	13	U
117-84-0	Di-n-octyl phthalate	13	U
206-44-0	Fluoranthene	13	U
86-73-7	Fluorene	13	U
118-74-1	Hexachlorobenzene	13	U
87-68-3	Hexachlorobutadiene	13	U
77-47-4	Hexachlorocyclopentadiene	13	U
67-72-1	Hexachloroethane	13	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	U
78-59-1	Isophorone	13	U
91-57-6	2-Methylnaphthalene	13	U
95-48-7	2-Methylphenol	13	U
106-44-5	4-Methylphenol	13	U
91-20-3	Naphthalene	13	U
88-74-4	2-Nitroaniline	64	U
99-09-2	3-Nitroaniline	64	U
100-01-6	4-Nitroaniline	64	U
98-95-3	Nitrobenzene	4	J
88-75-5	2-Nitrophenol	13	U
100-02-7	4-Nitrophenol	64	U
86-30-6	N-nitrosodiphenylamine	13	U
621-64-7	N-Nitroso-Di-n-propylamine	13	U
87-86-5	Pentachlorophenol	64	U
85-01-8	Phenanthrene	0.3	BJ
108-95-2	Phenol	13	U
129-00-0	Pyrene	13	U
95-95-4	2,4,5-Trichlorophenol	13	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 780.00 (g/mL) ML Lab File ID: V31123.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	13	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26232.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	48	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.5	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26232.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	48	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	48	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26232.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 30.52 (g/mL) G Lab File ID: V31171.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: 25 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2200	U
208-96-8	Acenaphthylene	2200	U
98-86-2	Acetophenone	2200	U
120-12-7	Anthracene	2200	U
1912-24-9	Atrazine	2200	U
100-52-7	Benzaldehyde	2200	U
56-55-3	Benzo(a)anthracene	2200	U
205-99-2	Benzo(b)fluoranthene	2200	U
207-08-9	Benzo(k)fluoranthene	2200	U
191-24-2	Benzo(ghi)perylene	2200	U
50-32-8	Benzo(a)pyrene	2200	U
92-52-4	Biphenyl	2200	U
111-91-1	Bis(2-chloroethoxy) methane	2200	U
111-44-4	Bis(2-chloroethyl) ether	2200	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	2200	U
117-81-7	Bis(2-ethylhexyl) phthalate	2200	U
101-55-3	4-Bromophenyl phenyl ether	2200	U
85-68-7	Butyl benzyl phthalate	2200	U
105-60-2	Caprolactam	11000	U
106-47-8	4-Chloroaniline	2200	U
59-50-7	4-Chloro-3-methylphenol	2200	U
91-58-7	2-Chloronaphthalene	2200	U
95-57-8	2-Chlorophenol	2200	U
7005-72-3	4-Chlorophenyl phenyl ether	2200	U
86-74-8	Carbazole	2200	U
218-01-9	Chrysene	110	BJ
53-70-3	Dibenzo(a,h)anthracene	2200	U
132-64-9	Dibenzofuran	2200	U
84-74-2	Di-n-butyl phthalate	2200	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
120-83-2	2,4-Dichlorophenol	2200	U
84-66-2	Diethyl phthalate	2200	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 30.52 (g/mL) G Lab File ID: V31171.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: 25 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	2200	U
131-11-3	Dimethyl phthalate	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	2200	U
606-20-2	2,6-Dinitrotoluene	2200	U
117-84-0	Di-n-octyl phthalate	2200	U
206-44-0	Fluoranthene	2200	U
86-73-7	Fluorene	2200	U
118-74-1	Hexachlorobenzene	2200	U
87-68-3	Hexachlorobutadiene	2200	U
77-47-4	Hexachlorocyclopentadiene	2200	U
67-72-1	Hexachloroethane	2200	U
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U
78-59-1	Isophorone	2200	U
91-57-6	2-Methylnaphthalene	2200	U
95-48-7	2-Methylphenol	2200	U
106-44-5	4-Methylphenol	2200	U
91-20-3	Naphthalene	2200	U
88-74-4	2-Nitroaniline	11000	U
99-09-2	3-Nitroaniline	11000	U
100-01-6	4-Nitroaniline	11000	U
98-95-3	Nitrobenzene	2200	U
88-75-5	2-Nitrophenol	2200	U
100-02-7	4-Nitrophenol	11000	U
86-30-6	N-nitrosodiphenylamine	2200	U
621-64-7	N-Nitroso-Di-n-propylamine	2200	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	2200	U
108-95-2	Phenol	2200	U
129-00-0	Pyrene	2200	U
95-95-4	2,4,5-Trichlorophenol	2200	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 30.52 (g/mL) G Lab File ID: V31171.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: 25 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	2200	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 30.31 (g/mL) G Lab File ID: W26165.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
208-96-8	Acenaphthylene	370	U
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	370	U
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
191-24-2	Benzo(ghi)perylene	370	U
50-32-8	Benzo(a)pyrene	370	U
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	1900	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	22	BJ
53-70-3	Dibenzo(a,h)anthracene	370	U
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 30.31 (g/mL) G Lab File ID: W26165.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	370	U
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	370	U
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	1900	U
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
87-86-5	Pentachlorophenol	370	U
85-01-8	Phenanthrene	370	U
108-95-2	Phenol	370	U
129-00-0	Pyrene	370	U
95-95-4	2,4,5-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 30.31 (g/mL) G Lab File ID: W26165.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V31058.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: 18 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	100	J
208-96-8	Acenaphthylene	63	J
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	220	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	650	
205-99-2	Benzo(b)fluoranthene	550	
207-08-9	Benzo(k)fluoranthene	250	J
191-24-2	Benzo(ghi)perylene	420	
50-32-8	Benzo(a)pyrene	560	
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	230	J
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	59	J
218-01-9	Chrysene	600	B
53-70-3	Dibenzo(a,h)anthracene	120	J
132-64-9	Dibenzofuran	66	J
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V31058.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: 18 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	1100	
86-73-7	Fluorene	120	J
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	28	J
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	42	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	1000	
108-95-2	Phenol	390	U
129-00-0	Pyrene	1100	
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V31058.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: 18 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 30.10 (g/mL) G Lab File ID: V31168.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 12 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3700	U
208-96-8	Acenaphthylene	3700	U
98-86-2	Acetophenone	3700	U
120-12-7	Anthracene	3700	U
1912-24-9	Atrazine	3700	U
100-52-7	Benzaldehyde	3700	U
56-55-3	Benzo(a)anthracene	340	J
205-99-2	Benzo(b)fluoranthene	410	J
207-08-9	Benzo(k)fluoranthene	98	J
191-24-2	Benzo(ghi)perylene	400	J
50-32-8	Benzo(a)pyrene	200	J
92-52-4	Biphenyl	3700	U
111-91-1	Bis(2-chloroethoxy) methane	3700	U
111-44-4	Bis(2-chloroethyl) ether	3700	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	3700	U
117-81-7	Bis(2-ethylhexyl) phthalate	3700	U
101-55-3	4-Bromophenyl phenyl ether	3700	U
85-68-7	Butyl benzyl phthalate	3700	U
105-60-2	Caprolactam	19000	U
106-47-8	4-Chloroaniline	3700	U
59-50-7	4-Chloro-3-methylphenol	3700	U
91-58-7	2-Chloronaphthalene	3700	U
95-57-8	2-Chlorophenol	3700	U
7005-72-3	4-Chlorophenyl phenyl ether	3700	U
86-74-8	Carbazole	3700	U
218-01-9	Chrysene	500	BJ
53-70-3	Dibenzo(a,h)anthracene	3700	U
132-64-9	Dibenzofuran	3700	U
84-74-2	Di-n-butyl phthalate	3700	U
91-94-1	3,3'-Dichlorobenzidine	18000	U
120-83-2	2,4-Dichlorophenol	3700	U
84-66-2	Diethyl phthalate	3700	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 30.10 (g/mL) G Lab File ID: V31168.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 12 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	3700	U
131-11-3	Dimethyl phthalate	3700	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
51-28-5	2,4-Dinitrophenol	19000	U
121-14-2	2,4-Dinitrotoluene	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U
117-84-0	Di-n-octyl phthalate	3700	U
206-44-0	Fluoranthene	430	J
86-73-7	Fluorene	3700	U
118-74-1	Hexachlorobenzene	3700	U
87-68-3	Hexachlorobutadiene	3700	U
77-47-4	Hexachlorocyclopentadiene	3700	U
67-72-1	Hexachloroethane	3700	U
193-39-5	Indeno(1,2,3-cd)pyrene	300	J
78-59-1	Isophorone	3700	U
91-57-6	2-Methylnaphthalene	3700	U
95-48-7	2-Methylphenol	3700	U
106-44-5	4-Methylphenol	3700	U
91-20-3	Naphthalene	78	J
88-74-4	2-Nitroaniline	19000	U
99-09-2	3-Nitroaniline	19000	U
100-01-6	4-Nitroaniline	19000	U
98-95-3	Nitrobenzene	3700	U
88-75-5	2-Nitrophenol	3700	U
100-02-7	4-Nitrophenol	19000	U
86-30-6	N-nitrosodiphenylamine	3700	U
621-64-7	N-Nitroso-Di-n-propylamine	3700	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	280	J
108-95-2	Phenol	3700	U
129-00-0	Pyrene	610	J
95-95-4	2,4,5-Trichlorophenol	3700	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 30.10 (g/mL) G Lab File ID: V31168.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 12 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	3700	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 30.41 (g/mL) G Lab File ID: V31169.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	23	J
205-99-2	Benzo(b)fluoranthene	20	J
207-08-9	Benzo(k)fluoranthene	10	J
191-24-2	Benzo(ghi)perylene	20	J
50-32-8	Benzo(a)pyrene	25	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	36	BJ
53-70-3	Dibenzo(a,h)anthracene	8	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 30.41 (g/mL) G Lab File ID: V31169.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	20	J
86-73-7	Fluorene	390	U
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	18	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	9	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	17	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	20	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 30.41 (g/mL) G Lab File ID: V31169.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 30.29 (g/mL) G Lab File ID: V30997.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	U
208-96-8	Acenaphthylene	400	U
98-86-2	Acetophenone	400	U
120-12-7	Anthracene	12	J
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
56-55-3	Benzo(a)anthracene	30	J
205-99-2	Benzo(b)fluoranthene	35	J
207-08-9	Benzo(k)fluoranthene	7	J
191-24-2	Benzo(ghi)perylene	20	J
50-32-8	Benzo(a)pyrene	28	J
92-52-4	Biphenyl	400	U
111-91-1	Bis(2-chloroethoxy) methane	400	U
111-44-4	Bis(2-chloroethyl) ether	400	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	400	U
117-81-7	Bis(2-ethylhexyl) phthalate	77	J
101-55-3	4-Bromophenyl phenyl ether	400	U
85-68-7	Butyl benzyl phthalate	400	U
105-60-2	Caprolactam	2100	U
106-47-8	4-Chloroaniline	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-58-7	2-Chloronaphthalene	400	U
95-57-8	2-Chlorophenol	400	U
7005-72-3	4-Chlorophenyl phenyl ether	400	U
86-74-8	Carbazole	400	U
218-01-9	Chrysene	43	BJ
53-70-3	Dibenzo(a,h)anthracene	400	U
132-64-9	Dibenzofuran	400	U
84-74-2	Di-n-butyl phthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
120-83-2	2,4-Dichlorophenol	400	U
84-66-2	Diethyl phthalate	400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 30.29 (g/mL) G Lab File ID: V30997.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	400	U
131-11-3	Dimethyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
51-28-5	2,4-Dinitrophenol	2100	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
117-84-0	Di-n-octyl phthalate	400	U
206-44-0	Fluoranthene	44	J
86-73-7	Fluorene	400	U
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	17	J
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	400	U
95-48-7	2-Methylphenol	400	U
106-44-5	4-Methylphenol	400	U
91-20-3	Naphthalene	78	J
88-74-4	2-Nitroaniline	2100	U
99-09-2	3-Nitroaniline	2100	U
100-01-6	4-Nitroaniline	2100	U
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	2100	U
86-30-6	N-nitrosodiphenylamine	400	U
621-64-7	N-Nitroso-Di-n-propylamine	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	35	J
108-95-2	Phenol	400	U
129-00-0	Pyrene	38	J
95-95-4	2,4,5-Trichlorophenol	400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 30.29 (g/mL) G Lab File ID: V30997.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 30.59 (g/mL) G Lab File ID: V30998.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 33 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	J
208-96-8	Acenaphthylene	1600	J
98-86-2	Acetophenone	9600	U
120-12-7	Anthracene	2600	J
1912-24-9	Atrazine	9600	U
100-52-7	Benzaldehyde	9600	U
56-55-3	Benzo(a)anthracene	15000	
205-99-2	Benzo(b)fluoranthene	18000	
207-08-9	Benzo(k)fluoranthene	4600	J
191-24-2	Benzo(ghi)perylene	18000	
50-32-8	Benzo(a)pyrene	19000	
92-52-4	Biphenyl	9600	U
111-91-1	Bis(2-chloroethoxy) methane	9600	U
111-44-4	Bis(2-chloroethyl) ether	9600	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9600	U
117-81-7	Bis(2-ethylhexyl) phthalate	9600	U
101-55-3	4-Bromophenyl phenyl ether	9600	U
85-68-7	Butyl benzyl phthalate	9600	U
105-60-2	Caprolactam	50000	U
106-47-8	4-Chloroaniline	9600	U
59-50-7	4-Chloro-3-methylphenol	9600	U
91-58-7	2-Chloronaphthalene	9600	U
95-57-8	2-Chlorophenol	9600	U
7005-72-3	4-Chlorophenyl phenyl ether	9600	U
86-74-8	Carbazole	650	J
218-01-9	Chrysene	15000	B
53-70-3	Dibenzo(a,h)anthracene	7400	J
132-64-9	Dibenzofuran	450	J
84-74-2	Di-n-butyl phthalate	9600	U
91-94-1	3,3'-Dichlorobenzidine	47000	U
120-83-2	2,4-Dichlorophenol	9600	U
84-66-2	Diethyl phthalate	9600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 30.59 (g/mL) G Lab File ID: V30998.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 33 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	9600	U
131-11-3	Dimethyl phthalate	9600	U
534-52-1	4,6-Dinitro-2-methylphenol	50000	U
51-28-5	2,4-Dinitrophenol	50000	U
121-14-2	2,4-Dinitrotoluene	9600	U
606-20-2	2,6-Dinitrotoluene	9600	U
117-84-0	Di-n-octyl phthalate	9600	U
206-44-0	Fluoranthene	19000	
86-73-7	Fluorene	630	J
118-74-1	Hexachlorobenzene	9600	U
87-68-3	Hexachlorobutadiene	9600	U
77-47-4	Hexachlorocyclopentadiene	9600	U
67-72-1	Hexachloroethane	9600	U
193-39-5	Indeno(1,2,3-cd)pyrene	10000	
78-59-1	Isophorone	9600	U
91-57-6	2-Methylnaphthalene	9600	U
95-48-7	2-Methylphenol	9600	U
106-44-5	4-Methylphenol	9600	U
91-20-3	Naphthalene	330	J
88-74-4	2-Nitroaniline	50000	U
99-09-2	3-Nitroaniline	50000	U
100-01-6	4-Nitroaniline	50000	U
98-95-3	Nitrobenzene	9600	U
88-75-5	2-Nitrophenol	9600	U
100-02-7	4-Nitrophenol	50000	U
86-30-6	N-nitrosodiphenylamine	9600	U
621-64-7	N-Nitroso-Di-n-propylamine	9600	U
87-86-5	Pentachlorophenol	9600	U
85-01-8	Phenanthrene	11000	
108-95-2	Phenol	9600	U
129-00-0	Pyrene	16000	
95-95-4	2,4,5-Trichlorophenol	9600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 30.59 (g/mL) G Lab File ID: V30998.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 33 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	9600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 30.30 (g/mL) G Lab File ID: V30999.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	21	J
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	37	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	160	J
205-99-2	Benzo(b)fluoranthene	140	J
207-08-9	Benzo(k)fluoranthene	60	J
191-24-2	Benzo(ghi)perylene	76	J
50-32-8	Benzo(a)pyrene	140	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	8	J
218-01-9	Chrysene	150	BJ
53-70-3	Dibenzo(a,h)anthracene	26	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 30.30 (g/mL) G Lab File ID: V30999.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	230	J
86-73-7	Fluorene	12	J
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	73	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	390	U
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	110	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	200	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 30.30 (g/mL) G Lab File ID: V30999.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 30.14 (g/mL) G Lab File ID: V31055.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
208-96-8	Acenaphthylene	8	J
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	370	U
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	18	J
205-99-2	Benzo(b)fluoranthene	25	J
207-08-9	Benzo(k)fluoranthene	14	J
191-24-2	Benzo(ghi)perylene	41	J
50-32-8	Benzo(a)pyrene	17	J
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	1900	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	31	BJ
53-70-3	Dibenzo(a,h)anthracene	370	U
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 30.14 (g/mL) G Lab File ID: V31055.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	9	J
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	J
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	370	U
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	1900	U
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
87-86-5	Pentachlorophenol	370	U
85-01-8	Phenanthrene	370	U
108-95-2	Phenol	370	U
129-00-0	Pyrene	18	J
95-95-4	2,4,5-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 30.14 (g/mL) G Lab File ID: V31055.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 30.26 (g/mL) G Lab File ID: V31056.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	23	J
208-96-8	Acenaphthylene	380	U
98-86-2	Acetophenone	380	U
120-12-7	Anthracene	12	J
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
56-55-3	Benzo(a)anthracene	21	J
205-99-2	Benzo(b)fluoranthene	23	J
207-08-9	Benzo(k)fluoranthene	10	J
191-24-2	Benzo(ghi)perylene	15	J
50-32-8	Benzo(a)pyrene	17	J
92-52-4	Biphenyl	380	U
111-91-1	Bis(2-chloroethoxy) methane	380	U
111-44-4	Bis(2-chloroethyl) ether	380	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	380	U
117-81-7	Bis(2-ethylhexyl) phthalate	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
85-68-7	Butyl benzyl phthalate	380	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-58-7	2-Chloronaphthalene	380	U
95-57-8	2-Chlorophenol	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
86-74-8	Carbazole	380	U
218-01-9	Chrysene	47	BJ
53-70-3	Dibenzo(a,h)anthracene	380	U
132-64-9	Dibenzofuran	380	U
84-74-2	Di-n-butyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	380	U
84-66-2	Diethyl phthalate	380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 30.26 (g/mL) G Lab File ID: V31056.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	380	U
131-11-3	Dimethyl phthalate	380	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
117-84-0	Di-n-octyl phthalate	380	U
206-44-0	Fluoranthene	83	J
86-73-7	Fluorene	40	J
118-74-1	Hexachlorobenzene	380	U
87-68-3	Hexachlorobutadiene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
67-72-1	Hexachloroethane	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	J
78-59-1	Isophorone	380	U
91-57-6	2-Methylnaphthalene	380	U
95-48-7	2-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
91-20-3	Naphthalene	8	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	380	U
88-75-5	2-Nitrophenol	380	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	380	U
621-64-7	N-Nitroso-Di-n-propylamine	380	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	56	J
108-95-2	Phenol	380	U
129-00-0	Pyrene	120	J
95-95-4	2,4,5-Trichlorophenol	380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 30.26 (g/mL) G Lab File ID: V31056.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 30.65 (g/mL) G Lab File ID: V31057.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	12	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	58	J
205-99-2	Benzo(b)fluoranthene	73	J
207-08-9	Benzo(k)fluoranthene	24	J
191-24-2	Benzo(ghi)perylene	48	J
50-32-8	Benzo(a)pyrene	56	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	67	BJ
53-70-3	Dibenzo(a,h)anthracene	16	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 30.65 (g/mL) G Lab File ID: V31057.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	87	J
86-73-7	Fluorene	390	U
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	37	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	390	U
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	46	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	76	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 30.65 (g/mL) G Lab File ID: V31057.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62901-WATER **Client ID:** 90 CANAL ST. SUMP-WATER

Matrix: WATER **Date Received:** 8/29/2008 **Date Collected:** 8/27/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21615 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**1320**	**ug/L**			**190**	190	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Arsenic		**13.0**	**ug/L**			**10.0**	10.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Barium		**455**	**ug/L**			**20.0**	20.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	19:45	SUPERTRACE2	A09040W	P
Calcium		**117000**	**ug/L**			**500**	500	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Copper		**46.7**	**ug/L**			**20.0**	20.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Iron		**3950**	**ug/L**			**100**	100	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Lead		**545**	**ug/L**			**3.0**	3.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Magnesium		**32600**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Manganese		**155**	**ug/L**			**15.0**	15.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Potassium		**12200**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:38:59	LEEMAN PS2	G09048W1	CV
Sodium		**87600**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Zinc		**158**	**ug/L**			**20.0**	20.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62905 **Client ID:** DUP082808

Matrix: SOIL **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21647 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**4050**	**mg/Kg**			**12.2**	12.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Antimony	<	7.3	mg/Kg	U		7.3	7.3	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Arsenic		**4.0**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Barium		**53.1**	**mg/Kg**			**2.4**	2.4	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Beryllium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Cadmium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Calcium		**14100**	**mg/Kg**			**60.9**	60.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Chromium		**6.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Cobalt	<	6.1	mg/Kg	U		6.1	6.1	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Copper		**22.4**	**mg/Kg**			**2.4**	2.4	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Iron		**8760**	**mg/Kg**			**12.2**	12.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Lead		**71.0**	**mg/Kg**			**0.61**	0.61	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Magnesium		**3820**	**mg/Kg**			**60.9**	60.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Manganese		**343**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Nickel		**6.3**	**mg/Kg**			**4.9**	4.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Potassium		**613**	**mg/Kg**			**244**	244	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Selenium	<	0.72	mg/Kg	U		0.72	0.72	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Mercury		**0.448**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**14:05:37**	LEEMAN PS2	G09028S1	CV
Sodium		**110**	**mg/Kg**			**60.9**	60.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Vanadium		**9.9**	**mg/Kg**			**6.1**	6.1	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Zinc		**37.4**	**mg/Kg**			**2.4**	2.4	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71302-WATER **Client ID:** EB 082908-WATER

Matrix: WATER **Date Received:** 9/2/2008 **Date Collected:** 8/29/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21730 **Prep Date:** 9/4/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Calcium	<	500	ug/L	U		500	500	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Iron	<	100	ug/L	U		100	100	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:46:57	LEEMAN PS2	G09048W1	CV
Sodium	<	5000	ug/L	U		5000	5000	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71802-WATER **Client ID:** EB 090208-WATER

Matrix: WATER **Date Received:** 9/3/2008 **Date Collected:** 9/2/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21730 **Prep Date:** 9/4/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Calcium	<	500	ug/L	U		500	500	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Iron	<	100	ug/L	U		100	100	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:51:52	LEEMAN PS2	G09048W1	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Sodium	<	5000	ug/L	U		5000	5000	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47508-WATER **Client ID:** EB082508-WATER

Matrix: WATER **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21435 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Antimony	<	600	ug/L	U		600	600	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Calcium		**31100**	**ug/L**			**500**	500	**1**	**8/29/2008**	**18:06**	SUPERTRACE2	A08290Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Iron	<	100	ug/L	U		100	100	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Magnesium		**8310**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:06**	SUPERTRACE2	A08290Y	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Potassium	<	5000	ug/L	U		5000	5000	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	8/28/2008	20:02:32	LEEMAN PS2	H08288W1	CV
Sodium		**13700**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:06**	SUPERTRACE2	A08290Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47509-WATER **Client ID:** EB082608-WATER

Matrix: WATER **Date Received:** 8/27/2008 **Date Collected:** 8/26/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21435 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Antimony	<	600	ug/L	U		600	600	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Calcium		**30800**	**ug/L**			**500**	500	**1**	**8/29/2008**	**18:12**	SUPERTRACE2	A08290Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Iron	<	100	ug/L	U		100	100	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Magnesium		**8280**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:12**	SUPERTRACE2	A08290Y	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Potassium	<	5000	ug/L	U		5000	5000	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	8/28/2008	20:04:03	LEEMAN PS2	H08288W1	CV
Sodium		**13800**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:12**	SUPERTRACE2	A08290Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62902-WATER **Client ID:** EB082808-WATER

Matrix: WATER **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21615 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	19:51	SUPERTRACE2	A09040W	P
Calcium		**31700**	**ug/L**			**500**	500	**1**	**9/4/2008**	**06:54**	SUPERTRACE	109030Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Iron	<	100	ug/L	U		100	100	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Magnesium		**8620**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:54**	SUPERTRACE	109030Y	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:40:44	LEEMAN PS2	G09048W1	CV
Sodium		**13800**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:54**	SUPERTRACE	109030Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71301 **Client ID:** MW-8 S2 4-6

Matrix: SOIL **Date Received:** 9/2/2008 **Date Collected:** 8/29/2008 **Level:** LOW

% Solids: 75 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21727 **Prep Date:** 9/4/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5560**	**mg/Kg**			**12.3**	12.3	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Antimony	<	7.4	mg/Kg	U		7.4	7.4	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Arsenic		**3.8**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Barium		**51.8**	**mg/Kg**			**2.5**	2.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Beryllium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Cadmium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Calcium		**2900**	**mg/Kg**			**61.5**	61.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Chromium		**12.8**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Cobalt	<	6.1	mg/Kg	U		6.1	6.1	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Copper		**4.3**	**mg/Kg**			**2.5**	2.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Iron		**15800**	**mg/Kg**			**12.3**	12.3	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Lead		**60.4**	**mg/Kg**			**0.61**	0.61	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Magnesium		**1830**	**mg/Kg**			**61.5**	61.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Manganese		**531**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Nickel		7.7	**mg/Kg**			**4.9**	4.9	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Potassium		**850**	**mg/Kg**			**246**	246	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Selenium	<	0.73	mg/Kg	U		0.73	0.73	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Mercury		**0.067**	**mg/Kg**			**0.006**	0.006	**1**	**9/5/2008**	**13:32:31**	LEEMAN PS2	H09058S1	CV
Sodium		**90.2**	**mg/Kg**			**61.5**	61.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Vanadium		**16.9**	**mg/Kg**			**6.1**	6.1	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Zinc		**166**	**mg/Kg**			**2.5**	2.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71801 **Client ID:** MW-9 S3,4-5

Matrix: SOIL **Date Received:** 9/3/2008 **Date Collected:** 9/2/2008 **Level:** LOW

% Solids: 87 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21763 **Prep Date:** 9/5/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5360**	**mg/Kg**		**N**	**11.7**	11.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Antimony	<	7.0	mg/Kg	U	N	7.0	7.0	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Arsenic		**2.8**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Barium		**30.4**	**mg/Kg**		**E**	**2.3**	2.3	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Beryllium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Cadmium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Calcium		**17700**	**mg/Kg**		**E**	**58.7**	58.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Chromium		**7.1**	**mg/Kg**		**E**	**1.2**	1.2	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Cobalt	<	5.9	mg/Kg	U		5.9	5.9	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Copper		**8.8**	**mg/Kg**		**E**	**2.3**	2.3	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Iron		**9920**	**mg/Kg**			**11.7**	11.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Lead		**5.0**	**mg/Kg**			**0.59**	0.59	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Magnesium		**4750**	**mg/Kg**		**NE**	**58.7**	58.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Manganese		**372**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Nickel		**7.3**	**mg/Kg**		**E**	**4.7**	4.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Potassium		**1010**	**mg/Kg**		**E**	**235**	235	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Selenium	<	0.69	mg/Kg	U		0.69	0.69	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Mercury		**0.010**	**mg/Kg**			**0.005**	0.005	**1**	**9/5/2008**	**13:47:51**	LEEMAN PS2	H09058S1	CV
Sodium		**132**	**mg/Kg**			**58.7**	58.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Vanadium		**11.1**	**mg/Kg**		**E**	**5.9**	5.9	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Zinc		**25.2**	**mg/Kg**			**2.3**	2.3	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47507 **Client ID:** SB-20-S1(4-6)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/26/2008 **Level:** LOW

% Solids: 82 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**4550**	**mg/Kg**			**13.2**	13.2	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Antimony	<	7.9	mg/Kg	U		7.9	7.9	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Arsenic		**3.0**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Barium		**53.8**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Beryllium	<	0.66	mg/Kg	U		0.66	0.66	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Cadmium	<	0.66	mg/Kg	U		0.66	0.66	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Calcium		**37100**	**mg/Kg**			**65.8**	65.8	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Chromium		**7.9**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Cobalt	<	6.6	mg/Kg	U		6.6	6.6	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Copper		**81.7**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Iron		**8880**	**mg/Kg**			**13.2**	13.2	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Lead		**53.5**	**mg/Kg**			**0.66**	0.66	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Magnesium		**9710**	**mg/Kg**			**65.8**	65.8	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Manganese		**299**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Nickel		**8.1**	**mg/Kg**			**5.3**	5.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Potassium		**1100**	**mg/Kg**			**263**	263	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Selenium	<	0.78	mg/Kg	U		0.78	0.78	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Silver	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Mercury		**0.007**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**13:43:59**	LEEMAN PS2	G09028S1	CV
Sodium		**285**	**mg/Kg**			**65.8**	65.8	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Thallium	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Vanadium		**10.8**	**mg/Kg**			**6.6**	6.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Zinc		**49.1**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62903 **Client ID:** SB-21 S1-0.5-2.5

Matrix: SOIL **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: 88 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21647 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5740**	**mg/Kg**			**11.4**	11.4	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Antimony	<	6.8	mg/Kg	U		6.8	6.8	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Arsenic		**4.7**	**mg/Kg**			**1.1**	1.1	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Barium		**61.7**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Beryllium	<	0.57	mg/Kg	U		0.57	0.57	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Cadmium	<	0.57	mg/Kg	U		0.57	0.57	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Calcium		**28500**	**mg/Kg**			**57.0**	57.0	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Chromium		**8.0**	**mg/Kg**			**1.1**	1.1	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Cobalt	<	5.7	mg/Kg	U		5.7	5.7	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Copper		**26.7**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Iron		**12700**	**mg/Kg**			**11.4**	11.4	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Lead		**167**	**mg/Kg**			**0.57**	0.57	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Magnesium		**7910**	**mg/Kg**			**57.0**	57.0	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Manganese		**363**	**mg/Kg**			**1.1**	1.1	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Nickel		**9.4**	**mg/Kg**			**4.6**	4.6	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Potassium		**945**	**mg/Kg**			**228**	228	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Selenium	<	0.67	mg/Kg	U		0.67	0.67	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Silver	<	1.1	mg/Kg	U		1.1	1.1	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Mercury		**0.300**	**mg/Kg**			**0.005**	0.005	**1**	**9/2/2008**	**14:04:13**	LEEMAN PS2	G09028S1	CV
Sodium		**184**	**mg/Kg**			**57.0**	57.0	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Thallium	<	1.1	mg/Kg	U		1.1	1.1	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Vanadium		**13.4**	**mg/Kg**			**5.7**	5.7	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Zinc		**69.5**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62904 **Client ID:** SB-21 S4-6.5-8.5

Matrix: SOIL **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21647 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5910**	**mg/Kg**			**11.6**	11.6	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Antimony	<	6.9	mg/Kg	U		6.9	6.9	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Arsenic		**5.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Barium		**64.7**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Beryllium	<	0.58	mg/Kg	U		0.58	0.58	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Cadmium	<	0.58	mg/Kg	U		0.58	0.58	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Calcium		**14400**	**mg/Kg**			**57.9**	57.9	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Chromium		**14.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Cobalt	<	5.8	mg/Kg	U		5.8	5.8	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Copper		**62.8**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Iron		**12100**	**mg/Kg**			**11.6**	11.6	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Lead		**107**	**mg/Kg**			**0.58**	0.58	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Magnesium		**4360**	**mg/Kg**			**57.9**	57.9	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Manganese		**354**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Nickel		**10.8**	**mg/Kg**			**4.6**	4.6	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Potassium		**853**	**mg/Kg**			**232**	232	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Selenium	<	0.68	mg/Kg	U		0.68	0.68	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Mercury		**0.320**	**mg/Kg**			**0.005**	0.005	**1**	**9/11/2008**	**13:14:23**	LEEMAN PS2	H09118S1	CV
Sodium		**193**	**mg/Kg**			**57.9**	57.9	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Vanadium		**13.8**	**mg/Kg**			**5.8**	5.8	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Zinc		**65.1**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47501 **Client ID:** TP1-S1(10-11)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 81 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**6550**	**mg/Kg**			**13.6**	13.6	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Antimony	<	8.1	mg/Kg	U		8.1	8.1	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Arsenic		**3.1**	**mg/Kg**			**1.4**	1.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Barium		**52.8**	**mg/Kg**			**2.7**	2.7	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Beryllium	<	0.68	mg/Kg	U		0.68	0.68	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Cadmium	<	0.68	mg/Kg	U		0.68	0.68	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Calcium		**14300**	**mg/Kg**			**67.8**	67.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Chromium		**7.6**	**mg/Kg**			**1.4**	1.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Cobalt	<	6.8	mg/Kg	U		6.8	6.8	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Copper		**13.4**	**mg/Kg**			**2.7**	2.7	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Iron		**11700**	**mg/Kg**			**13.6**	13.6	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Lead		**25.1**	**mg/Kg**			**0.68**	0.68	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Magnesium		**4230**	**mg/Kg**			**67.8**	67.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Manganese		**325**	**mg/Kg**			**1.4**	1.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Nickel		**8.6**	**mg/Kg**			**5.4**	5.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Potassium		**1450**	**mg/Kg**			**271**	271	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Selenium	<	0.80	mg/Kg	U		0.80	0.80	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Silver	<	1.4	mg/Kg	U		1.4	1.4	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Mercury		**0.054**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**14:20:39**	LEEMAN PS2	G09028S1	CV
Sodium		**161**	**mg/Kg**			**67.8**	67.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Thallium	<	1.4	mg/Kg	U		1.4	1.4	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Vanadium		**13.6**	**mg/Kg**			**6.8**	6.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Zinc		**50.0**	**mg/Kg**			**2.7**	2.7	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47502 **Client ID:** TP2-S1(1-3)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 67 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**10500**	**mg/Kg**			**15.9**	15.9	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Antimony	<	9.5	mg/Kg	U		9.5	9.5	1	9/2/2008	12:33	SUPERTRACE2	A090208	P
Arsenic		**67.9**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Barium		**288**	**mg/Kg**			**3.2**	3.2	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Beryllium		**0.88**	**mg/Kg**			**0.80**	0.80	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Cadmium		**1.3**	**mg/Kg**			**0.80**	0.80	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Calcium		**23900**	**mg/Kg**			**79.6**	79.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Chromium		**18.0**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Cobalt		**8.9**	**mg/Kg**			**8.0**	8.0	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Copper		**204**	**mg/Kg**			**3.2**	3.2	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Iron		**25700**	**mg/Kg**			**15.9**	15.9	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Lead		**731**	**mg/Kg**			**0.80**	0.80	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Magnesium		**8820**	**mg/Kg**			**79.6**	79.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Manganese		**517**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Nickel		**23.6**	**mg/Kg**			**6.4**	6.4	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Potassium		**1400**	**mg/Kg**			**318**	318	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Selenium	<	0.94	mg/Kg	U		0.94	0.94	1	9/2/2008	12:33	SUPERTRACE2	A090208	P
Silver		**1.6**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Mercury		**5.8**	**mg/Kg**			**0.144**	0.144	**20**	**9/2/2008**	**14:35:31**	LEEMAN PS2	G09028S1	CV
Sodium		**188**	**mg/Kg**			**79.6**	79.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Thallium	<	1.6	mg/Kg	U		1.6	1.6	1	9/2/2008	12:33	SUPERTRACE2	A090208	P
Vanadium		**32.8**	**mg/Kg**			**8.0**	8.0	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Zinc		**271**	**mg/Kg**			**3.2**	3.2	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47503 **Client ID:** TP2-S2(8-10)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**3490**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Antimony	<	7.8	mg/Kg	U		7.8	7.8	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Arsenic		**1.9**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Barium		**29.6**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Beryllium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Cadmium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Calcium		**31200**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Chromium		**5.0**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Cobalt	<	6.5	mg/Kg	U		6.5	6.5	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Copper		**11.2**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Iron		**6890**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Lead		**8.1**	**mg/Kg**			**0.65**	0.65	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Magnesium		**6310**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Manganese		**337**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Nickel		**5.2**	**mg/Kg**			**5.2**	5.2	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Potassium		777	**mg/Kg**			**261**	261	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Selenium	<	0.77	mg/Kg	U		0.77	0.77	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Silver	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Mercury		**0.169**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**14:31:04**	LEEMAN PS2	G09028S1	CV
Sodium		**140**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Thallium	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Vanadium		**8.0**	**mg/Kg**			**6.5**	6.5	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Zinc		**20.1**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47504 **Client ID:** TP3-S1(4-6)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 89 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5540**	**mg/Kg**			**11.9**	11.9	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Antimony	<	7.1	mg/Kg	U		7.1	7.1	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Arsenic		**3.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Barium		**30.2**	**mg/Kg**			**2.4**	2.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Beryllium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Cadmium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Calcium		**25200**	**mg/Kg**			**59.4**	59.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Chromium		**6.9**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Cobalt	<	5.9	mg/Kg	U		5.9	5.9	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Copper		**11.4**	**mg/Kg**			**2.4**	2.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Iron		**11300**	**mg/Kg**			**11.9**	11.9	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Lead		**8.5**	**mg/Kg**			**0.59**	0.59	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Magnesium		**6930**	**mg/Kg**			**59.4**	59.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Manganese		**412**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Nickel		**9.1**	**mg/Kg**			**4.8**	4.8	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Potassium		**840**	**mg/Kg**			**238**	238	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Selenium	<	0.70	mg/Kg	U		0.70	0.70	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Mercury		**0.011**	**mg/Kg**			**0.005**	0.005	**1**	**9/2/2008**	**13:39:13**	LEEMAN PS2	G09028S1	CV
Sodium		**110**	**mg/Kg**			**59.4**	59.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Vanadium		**12.0**	**mg/Kg**			**5.9**	5.9	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Zinc		**27.6**	**mg/Kg**			**2.4**	2.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47505 **Client ID:** TP3-S2(7-9)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 85 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**4780**	**mg/Kg**			**11.5**	11.5	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Antimony	<	6.9	mg/Kg	U		6.9	6.9	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Arsenic		**2.1**	**mg/Kg**			**1.1**	1.1	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Barium		**28.5**	**mg/Kg**			**2.3**	2.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Beryllium	<	0.57	mg/Kg	U		0.57	0.57	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Cadmium	<	0.57	mg/Kg	U		0.57	0.57	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Calcium		**26200**	**mg/Kg**			**57.3**	57.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Chromium		**5.4**	**mg/Kg**			**1.1**	1.1	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Cobalt	<	5.7	mg/Kg	U		5.7	5.7	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Copper		**8.9**	**mg/Kg**			**2.3**	2.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Iron		**8550**	**mg/Kg**			**11.5**	11.5	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Lead		**7.3**	**mg/Kg**			**0.57**	0.57	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Magnesium		**5960**	**mg/Kg**			**57.3**	57.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Manganese		**294**	**mg/Kg**			**1.1**	1.1	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Nickel		**6.2**	**mg/Kg**			**4.6**	4.6	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Potassium		**886**	**mg/Kg**			**229**	229	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Selenium	<	0.68	mg/Kg	U		0.68	0.68	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Silver	<	1.1	mg/Kg	U		1.1	1.1	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Mercury		**0.597**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**13:40:49**	LEEMAN PS2	G09028S1	CV
Sodium		**141**	**mg/Kg**			**57.3**	57.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Thallium	<	1.1	mg/Kg	U		1.1	1.1	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Vanadium		**10.3**	**mg/Kg**			**5.7**	5.7	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Zinc		**21.8**	**mg/Kg**			**2.3**	2.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47506 **Client ID:** TP4-S1(8-10)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5740**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Antimony	<	7.8	mg/Kg	U		7.8	7.8	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Arsenic		**4.4**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Barium		**62.8**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Beryllium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Cadmium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Calcium		**21800**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Chromium		**9.2**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Cobalt	<	6.5	mg/Kg	U		6.5	6.5	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Copper		**22.2**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Iron		**14200**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Lead		**84.9**	**mg/Kg**			**0.65**	0.65	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Magnesium		**5380**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Manganese		**763**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Nickel		**8.0**	**mg/Kg**			**5.2**	5.2	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Potassium		**1050**	**mg/Kg**			**261**	261	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Selenium	<	0.77	mg/Kg	U		0.77	0.77	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Silver	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Mercury		**0.200**	**mg/Kg**			**0.005**	0.005	**1**	**9/2/2008**	**13:42:17**	LEEMAN PS2	G09028S1	CV
Sodium		**163**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Thallium	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Vanadium		**17.9**	**mg/Kg**			**6.5**	6.5	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Zinc		**41.5**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P

Comments:

136/3648

Wet Chemistry Analysis

Client Sample No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A62901

% Solids: 0.0 Date Samp/Recv: 08/27/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/05/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A62905

% Solids: 83.1 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.93	U			9012	09/10/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A71302

% Solids: 0.0 Date Samp/Recv: 08/29/2008 09/02/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A71802

% Solids: 0.0 Date Samp/Recv: 09/02/2008 09/03/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/11/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A47508

% Solids: 0.0 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	08/30/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A47509

% Solids: 0.0 Date Samp/Recv: 08/26/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/05/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A62902

% Solids: 0.0 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A71801

% Solids: 87.5 Date Samp/Recv: 09/02/2008 09/03/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/15/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47507

% Solids: 82.1 Date Samp/Recv: 08/26/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.1	U			9012	09/05/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A62903

% Solids: 88.3 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	2.6				9012	09/10/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A62904

% Solids: 82.6 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.73	U			9012	09/10/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47501

% Solids: 81.0 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.70	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47502

% Solids: 67.2 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.2	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47503

% Solids: 82.9 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.95	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47504

% Solids: 88.6 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.99	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47505

% Solids: 85.3 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.71	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47506

% Solids: 83.4 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	3.7				9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A71301

% Solids: 74.6 Date Samp/Recv: 08/29/2008 09/02/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.3				9012	09/10/2008

Comments:

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	DUP082808	A8A62905	109		94		111							0
2	MSB01	A8B2152301	112		102		116							0
3	MSB08	A8B2170301	115		97		117							0
4	MSB10	A8B2178002	113		95		116							0
5	MW-8 S2 4-6	A8A71301	107		96		118							0
6	MW-9 S3,4-5	A8A71801	108		91		110							0
7	MW-9 S3,4-5	A8A71801MS	108		92		110							0
8	MW-9 S3,4-5	A8A71801SD	110		92		112							0
9	SB-20-S1(4-6)	A8A47507	107		94		111							0
10	SB-21 S1-0.5-2.5	A8A62903	108		93		111							0
11	SB-21 S4-6.5-8.5	A8A62904	109		93		112							0
12	TP1-S1(10-11)	A8A47501	108		94		111							0
13	TP2-S1(1-3)	A8A47502	104		98		118							0
14	TP2-S2(8-10)	A8A47503	108		93		110							0
15	TP3-S1(4-6)	A8A47504	108		95		112							0
16	TP3-S2(7-9)	A8A47505	109		96		112							0
17	TP4-S1(8-10)	A8A47506	106		97		110							0
18	VBLK01	A8B2152302	111		97		115							0
19	VBLK08	A8B2170302	111		90		115							0
20	VBLK10	A8B2178004	109		87		115							0

		QC LIMITS
BFB	= p-Bromofluorobenzene	(72-126)
DCE	= 1,2-Dichloroethane-D4	(61-136)
TOL	= Toluene-D8	(71-125)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	90 CANAL ST. SUMP	A8A62901	94		96		102							0
2	EB 082908	A8A71302	101		123		99							0
3	EB 090208	A8A71802	108		108		113							0
4	EB082508	A8A47508	104		106		98							0
5	EB082608	A8A47509	103		109		97							0
6	EB082808	A8A62902	114		70		73							0
7	MSB26	A8B2194001	96		108		97							0
8	MSB27	A8B2207901	104		105		105							0
9	MSB49	A8B2171901	100		97		97							0
10	MSB56	A8B2199001	92		85		102							0
11	MSB64	A8B2190401	119		74		77							0
12	TB 090208	A8A71803	108		116		118							0
13	TB082508	A8A47510	101		109		96							0
14	TB082808	A8A62906	116		69		73							0
15	Trip Blank	A8A71303	98		120		96							0
16	VBLK26	A8B2194002	96		111		97							0
17	VBLK27	A8B2207902	103		103		110							0
18	VBLK49	A8B2171902	100		103		98							0
19	VBLK56	A8B2199002	94		91		103							0
20	VBLK64	A8B2190402	113		74		78							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(73-120)
DCE	=	1,2-Dichloroethane-D4	(66-137)
TOL	=	Toluene-D8	(71-126)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	DUP082808	A8A62905	42		58		48		52		89		79				0
2	MSB43	A8B2146001	66		73		74		74		96		84				0
3	MSB52	A8B2171801	74		82		81		81		110		88				0
4	MSB65	A8B2172001	66		77		78		75		91		83				0
5	MSBD43	A8B2146002	56		67		65		65		91		80				0
6	MW-8 S2 4-6	A8A71301	44		54		46		51		77		79				0
7	MW-9 S3,4-5	A8A71801	58		67		67		66		78		76				0
8	MW-9 S3,4-5	A8A71801MS	66		79		78		76		98		85				0
9	MW-9 S3,4-5	A8A71801SD	69		79		80		79		99		88				0
10	SB-20-S1(4-6)	A8A47507	46		58		50		52		69		60				0
11	SB-21 S1-0.5-2.5	A8A62903	46		57		43		56		68		82				0
12	SB-21 S4-6.5-8.5	A8A62904	38		48		40		46		89		79				0
13	SBLK43	A8B2146003	61		71		70		70		86		83				0
14	SBLK52	A8B2171802	82		89		89		89		109		81				0
15	SBLK65	A8B2172002	77		86		89		86		98		88				0
16	TP1-S1(10-11)	A8A47501	40		50		47		47		85		68				0
17	TP2-S1(1-3)	A8A47502	56		79		69		72		85		81				0
18	TP2-S2(8-10)	A8A47503	48		62		55		57		98		74				0
19	TP3-S1(4-6)	A8A47504	56		65		58		63		80		79				0
20	TP3-S2(7-9)	A8A47505	46		53		48		54		70		65				0
21	TP4-S1(8-10)	A8A47506	42		46		42		49		58		52				0

			QC LIMITS
2FP	=	2-Fluorophenol	(30-120)
FBP	=	2-Fluorobiphenyl	(43-120)
NBZ	=	Nitrobenzene-D5	(35-120)
PHL	=	Phenol-D5	(38-120)
TBP	=	2,4,6-Tribromophenol	(46-129)
TPH	=	p-Terphenyl-d14	(51-125)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

	Client Sample ID	Lab Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	90 CANAL ST. SUMP	A8A62901	34		68		68		27		91		47				0
2	EB 082908	A8A71302	39		80		80		28		87		70				0
3	EB 090208	A8A71802	37		75		74		26		82		67				0
4	EB082508	A8A47508	38		72		67		31		98		74				0
5	EB082608	A8A47509	44		74		69		38		111		92				0
6	EB082808	A8A62902	36		74		76		28		92		72				0
7	MSB39	A8B2163701	37		70		72		30		90		85				0
8	MSB40	A8B2172101	41		78		80		34		101		74				0
9	MSB49	A8B2149301	30		65		60		24		91		70				0
10	MSB50	A8B2157501	35		72		68		30		105		72				0
11	MSBD49	A8B2149302	31		67		65		26		90		68				0
12	MSBD50	A8B2157502	39		72		71		31		102		69				0
13	SBLK39	A8B2163702	40		69		70		32		89		85				0
14	SBLK40	A8B2172102	40		72		74		34		102		62				0
15	SBLK49	A8B2149303	33		67		63		27		90		68				0
16	SBLK50	A8B2157503	39		66		67		33		104		72				0

			QC LIMITS
2FP	=	2-Fluorophenol	(20-120)
FBP	=	2-Fluorobiphenyl	(48-120)
NBZ	=	Nitrobenzene-D5	(46-120)
PHL	=	Phenol-D5	(16-120)
TBP	=	2,4,6-Tribromophenol	(52-132)
TPH	=	p-Terphenyl-d14	(24-136)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2152302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK01 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	50.0	62.7	126		65 - 146
Trichloroethene	50.0	51.6	103		74 - 127
Benzene	50.0	50.2	100		74 - 127
Toluene	50.0	51.4	99		74 - 123
Chlorobenzene	50.0	53.0	106		76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2170302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK08 Level:(low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	50.0	70.8	142		65 - 146
Trichloroethene	50.0	51.8	104		74 - 127
Benzene	50.0	51.7	103		74 - 127
Toluene	50.0	52.8	101		74 - 123
Chlorobenzene	50.0	55.0	110		76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2171902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK49

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	27.2	109	73 - 143
Trichloroethene	25.0	26.2	105	77 - 123
Benzene	25.0	25.1	100	76 - 121
Toluene	25.0	24.9	100	69 - 120
Chlorobenzene	25.0	24.7	99	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2178004

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK10 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	61.4	123	65 - 146
Trichloroethene	50.0	50.4	101	74 - 127
Benzene	50.0	49.9	100	74 - 127
Toluene	50.0	51.7	101	74 - 123
Chlorobenzene	50.0	53.5	107	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2190402

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK64

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	28.0	112	73 - 143
Trichloroethene	25.0	24.3	97	77 - 123
Benzene	25.0	22.6	90	76 - 121
Toluene	25.0	22.1	88	69 - 120
Chlorobenzene	25.0	23.0	92	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2194002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK26

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	28.7	115		73 - 143
Trichloroethene	25.0	23.3	93		77 - 123
Benzene	25.0	24.3	97		76 - 121
Toluene	25.0	24.4	98		69 - 120
Chlorobenzene	25.0	23.3	93		73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2199002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK56

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.1	100		73 - 143
Trichloroethene	25.0	23.5	94		77 - 123
Benzene	25.0	24.2	97		76 - 121
Toluene	25.0	24.2	97		69 - 120
Chlorobenzene	25.0	23.8	95		73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2207902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK27

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.9	120		73 - 143
Trichloroethene	25.0	27.6	111		77 - 123
Benzene	25.0	26.3	105		76 - 121
Toluene	25.0	26.2	105		69 - 120
Chlorobenzene	25.0	25.9	104		73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8A71801

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: MW-9 S3,4-5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC	#	QC LIMITS REC.
1,1-Dichloroethene	55.6	0	50.3	90		65 - 146
Trichloroethene	55.6	0	38.4	69	*	74 - 127
Benzene	55.6	0	39.4	71	*	74 - 127
Toluene	55.6	0	38.4	69	*	74 - 123
Chlorobenzene	55.6	0	40.7	73	*	76 - 124

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	55.6	37.8	68		28	*	22	65 - 146
Trichloroethene	55.6	33.8	61	*	12		24	74 - 127
Benzene	55.6	34.3	62	*	14		25	74 - 127
Toluene	55.6	34.0	61	*	12		25	74 - 123
Chlorobenzene	55.6	35.8	64	*	13		25	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 5 outside limits
Spike recovery: 8 out of 10 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2146003

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK43 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3280	2306	70	36 - 110
2-Chlorophenol	3280	2497	76	38 - 104
N-Nitroso-Di-n-propyl (1)	3280	2587	79	46 - 120
4-Chloro-3-methylphenol	3280	2687	82	49 - 125
Acenaphthene	3280	2608	80	53 - 119
4-Nitrophenol	3280	2262	69	44 - 137
2,4-Dinitrotoluene	3280	2837	86	55 - 125
Pentachlorophenol	3280	2533	77	33 - 136
Pyrene	3280	2860	87	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	3227	1990	62	12	25	36 - 110
2-Chlorophenol	3227	2053	64	17	26	38 - 104
N-Nitroso-Di-n-propylami	3227	2385	74	6	20	46 - 120
4-Chloro-3-methylphenol	3227	2445	76	8	20	49 - 125
Acenaphthene	3227	2403	74	8	16	53 - 119
4-Nitrophenol	3227	2001	62	11	25	44 - 137
2,4-Dinitrotoluene	3227	2766	86	0	19	55 - 125
Pentachlorophenol	3227	2235	69	11	27	33 - 136
Pyrene	3227	2704	84	4	25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2149303

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK49

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	28.9	29	17 - 120
2-Chlorophenol	100	53.0	53	47 - 120
N-Nitroso-Di-n-propyl(1)	100	67.4	67	51 - 120
4-Chloro-3-methylphenol	100	74.2	74	64 - 120
Acenaphthene	100	75.2	75	60 - 120
4-Nitrophenol	100	34.8	35	16 - 120
2,4-Dinitrotoluene	100	91.6	92	58 - 125
Pentachlorophenol	100	85.9	86	39 - 136
Pyrene	100	84.9	85	58 - 136

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	100	30.0	30	3	39	17 - 120
2-Chlorophenol	100	55.2	55	4	33	47 - 120
N-Nitroso-Di-n-propylami	100	71.5	72	7	38	51 - 120
4-Chloro-3-methylphenol	100	76.6	77	4	25	64 - 120
Acenaphthene	100	77.1	77	3	23	60 - 120
4-Nitrophenol	100	36.6	37	6	30	16 - 120
2,4-Dinitrotoluene	100	94.8	95	3	20	58 - 125
Pentachlorophenol	100	86.3	86	0	27	39 - 136
Pyrene	100	84.6	85	0	25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2157503

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK50

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	34.3	34	17 - 120
2-Chlorophenol	100	59.7	60	47 - 120
N-Nitroso-Di-n-propyl(1)	100	73.5	74	51 - 120
4-Chloro-3-methylphenol	100	88.8	89	64 - 120
Acenaphthene	100	81.2	81	60 - 120
4-Nitrophenol	100	45.3	45	16 - 120
2,4-Dinitrotoluene	100	106	106	58 - 125
Pentachlorophenol	100	99.1	99	39 - 136
Pyrene	100	86.6	87	58 - 136

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	100	36.7	37	8	39	17 - 120
2-Chlorophenol	100	63.8	64	6	33	47 - 120
N-Nitroso-Di-n-propylami	100	73.8	74	0	38	51 - 120
4-Chloro-3-methylphenol	100	88.3	88	1	25	64 - 120
Acenaphthene	100	78.9	79	2	23	60 - 120
4-Nitrophenol	100	44.1	44	2	30	16 - 120
2,4-Dinitrotoluene	100	100	100	6	20	58 - 125
Pentachlorophenol	100	96.6	97	2	27	39 - 136
Pyrene	100	82.6	83	5	25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2171802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK52 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3303	2537	77	36 - 110
2-Chlorophenol	3303	2722	82	38 - 104
N-Nitroso-Di-n-propyl(1)	3303	2881	87	46 - 120
4-Chloro-3-methylphenol	3303	3035	92	49 - 125
Acenaphthene	3303	2891	88	53 - 119
4-Nitrophenol	3303	2730	83	44 - 137
2,4-Dinitrotoluene	3303	3234	98	55 - 125
Pentachlorophenol	3303	3124	94	33 - 136
Pyrene	3303	2963	90	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2172002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK65 Level:(low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3304	2393	72	36 - 110
2-Chlorophenol	3304	2319	70	38 - 104
N-Nitroso-Di-n-propyl(1)	3304	2671	81	46 - 120
4-Chloro-3-methylphenol	3304	2816	85	49 - 125
Acenaphthene	3304	2677	81	53 - 119
4-Nitrophenol	3304	2792	84	44 - 137
2,4-Dinitrotoluene	3304	3040	92	55 - 125
Pentachlorophenol	3304	2526	76	33 - 136
Pyrene	3304	2994	90	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2163702

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK39

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	28.7	29	17 - 120
2-Chlorophenol	100	64.0	64	47 - 120
N-Nitroso-Di-n-propyl(1)	100	77.6	78	51 - 120
4-Chloro-3-methylphenol	100	78.3	78	64 - 120
Acenaphthene	100	72.0	72	60 - 120
4-Nitrophenol	100	30.1	30	16 - 120
2,4-Dinitrotoluene	100	77.1	77	58 - 125
Pentachlorophenol	100	63.9	64	39 - 136
Pyrene	100	95.1	95	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2172102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK40

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	40.6	41	17 - 120
2-Chlorophenol	100	68.7	69	47 - 120
N-Nitroso-Di-n-propyl(1)	100	100	100	51 - 120
4-Chloro-3-methylphenol	100	96.2	96	64 - 120
Acenaphthene	100	89.0	89	60 - 120
4-Nitrophenol	100	49.0	49	16 - 120
2,4-Dinitrotoluene	100	107	108	58 - 125
Pentachlorophenol	100	97.7	98	39 - 136
Pyrene	100	102	102	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8A71801

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: MW-9 S3,4-5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Phenol	3752	0	2730	73	36 - 110
2-Chlorophenol	3752	0	2664	71	38 - 104
N-Nitroso-Di-n-propyl(1)	3752	0	3125	83	46 - 120
4-Chloro-3-methylphenol	3752	0	3381	90	49 - 125
Acenaphthene	3752	0	3250	87	53 - 119
4-Nitrophenol	3752	0	3405	91	44 - 137
2,4-Dinitrotoluene	3752	0	3652	97	55 - 125
Pentachlorophenol	3752	0	3117	83	33 - 136
Pyrene	3752	0	3559	95	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	3722	2847	76	4	25	36 - 110
2-Chlorophenol	3722	2745	74	4	26	38 - 104
N-Nitroso-Di-n-propyl(1)	3722	3176	85	2	20	46 - 120
4-Chloro-3-methylphenol	3722	3407	92	2	20	49 - 125
Acenaphthene	3722	3235	87	0	16	53 - 119
4-Nitrophenol	3722	3466	93	2	25	44 - 137
2,4-Dinitrotoluene	3722	3675	99	2	19	55 - 125
Pentachlorophenol	3722	3112	84	1	27	33 - 136
Pyrene	3722	3622	97	2	25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

TP1-S1(10-11)\MS

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	0.5223		0.0538		0.44	106		CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

TP1-S1(10-11)\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	0.5229		0.0538		0.45	104		CV

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-9 S3,4-5\MS

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	5915.9610		5356.9220		2376.55	24	N	P
Antimony	75 - 125	35.3642		7.1296	U	47.53	74	N	P
Arsenic	75 - 125	48.0062		2.7780		47.53	95		P
Barium	75 - 125	66.6716		30.3701		47.53	76		P
Beryllium	75 - 125	46.3735		0.5941	U	47.53	98		P
Cadmium	75 - 125	44.6529		0.5941	U	47.53	94		P
Calcium		22543.5700		17656.7700		2376.55	206		P
Chromium	75 - 125	50.5788		7.1439		47.53	91		P
Cobalt	75 - 125	48.2344		5.9414	U	47.53	101		P
Copper	75 - 125	55.0646		8.7741		47.53	97		P
Iron		9938.2500		9916.9000		2376.55	1		P
Lead	75 - 125	49.5106		5.0055		47.53	94		P
Magnesium	75 - 125	7192.6260		4745.1440		2376.55	103		P
Manganese		411.2315		372.0980		47.53	82		P
Nickel	75 - 125	51.5770		7.2847		47.53	93		P
Potassium	75 - 125	2935.2880		1008.9040		2376.55	81		P
Selenium	75 - 125	44.4664		0.7011	U	47.53	94		P
Silver	75 - 125	11.8126		1.1883	U	11.88	99		P
Mercury	75 - 125	0.3883		0.0096		0.36	105		CV
Sodium	75 - 125	2433.4090		131.8013		2376.55	97		P
Thallium	75 - 125	43.6797		1.1883	U	47.53	92		P
Vanadium	75 - 125	53.1277		11.1284		47.53	88		P
Zinc	75 - 125	63.3837		25.1756		47.53	80		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-9 S3,4-5\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	6792.4240		5356.9220		2215.35	65	N	P
Antimony	75 - 125	41.6917		6.6460	U	44.31	94		P
Arsenic	75 - 125	52.1548		2.7780		44.31	111		P
Barium	75 - 125	76.4305		30.3701		44.31	104		P
Beryllium	75 - 125	52.1681		0.5538	U	44.31	118		P
Cadmium	75 - 125	48.6501		0.5538	U	44.31	110		P
Calcium		22409.6100		17656.7700		2215.35	215		P
Chromium	75 - 125	56.5921		7.1439		44.31	112		P
Cobalt	75 - 125	53.2724		5.5384	U	44.31	120		P
Copper	75 - 125	59.6294		8.7741		44.31	115		P
Iron		11175.8400		9916.9000		2215.35	57		P
Lead	75 - 125	52.8947		5.0055		44.31	108		P
Magnesium	75 - 125	7527.0180		4745.1440		2215.35	126	N	P
Manganese		463.9122		372.0980		44.31	207		P
Nickel	75 - 125	57.1260		7.2847		44.31	112		P
Potassium	75 - 125	3186.7290		1008.9040		2215.35	98		P
Selenium	75 - 125	47.9146		0.6535	U	44.31	108		P
Silver	75 - 125	12.5854		1.1077	U	11.08	114		P
Mercury	75 - 125	0.3729		0.0096		0.36	101		CV
Sodium	75 - 125	2589.4590		131.8013		2215.35	111		P
Thallium	75 - 125	47.7894		1.1077	U	44.31	108		P
Vanadium	75 - 125	59.0224		11.1284		44.31	108		P
Zinc	75 - 125	67.8372		25.1756		44.31	96		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-9 S3,4-5A

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	66803.13		45643.93		20000.0	106		P
Antimony	75 - 125	470.99		20.00	U	400.0	118		P
Arsenic	75 - 125	488.68		23.67		400.0	116		P
Barium	75 - 125	709.59		258.77		400.0	113		P
Beryllium	75 - 125	483.84		3.75		400.0	120		P
Cadmium	75 - 125	464.54		1.00	U	400.0	116		P
Calcium	75 - 125	169042.90		150445.38		20000.0	93		P
Chromium	75 - 125	535.82		60.87		400.0	119		P
Cobalt	75 - 125	497.41		30.48		400.0	117		P
Copper	75 - 125	549.40		74.76		400.0	119		P
Iron	75 - 125	104565.30		84497.46		20000.0	100		P
Lead	75 - 125	504.05		42.65		400.0	115		P
Magnesium	75 - 125	62592.33		40431.24		20000.0	111		P
Manganese	75 - 125	3480.16		3170.48		400.0	77		P
Nickel	75 - 125	525.74		62.07		400.0	116		P
Potassium	75 - 125	31584.07		8596.42		20000.0	115		P
Selenium	75 - 125	453.34		15.00	U	400.0	113		P
Silver	75 - 125	116.30		3.00	U	100.0	116		P
Sodium	75 - 125	24053.66		1123.02		20000.0	115		P
Thallium	75 - 125	449.82		20.00	U	400.0	112		P
Vanadium	75 - 125	572.00		94.82		400.0	119		P
Zinc	75 - 125	669.40		214.51		400.0	114		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-6-

DUPLICATES

SAMPLE NO.

TP1-S1(10-11)\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 81.0 % Solids for Duplicate: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		0.5223		0.5229		0		CV

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
-6-
DUPLICATES

SAMPLE NO.

MW-9 S3,4-5\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 87.5 % Solids for Duplicate: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		5915.9610		6792.4240		14		P
Antimony		35.3642		41.6917		16		P
Arsenic		48.0062		52.1548		8		P
Barium		66.6716		76.4305		14		P
Beryllium		46.3735		52.1681		12		P
Cadmium		44.6529		48.6501		9		P
Calcium		22543.5700		22409.6100		1		P
Chromium		50.5788		56.5921		11		P
Cobalt		48.2344		53.2724		10		P
Copper		55.0646		59.6294		8		P
Iron		9938.2500		11175.8400		12		P
Lead		49.5106		52.8947		7		P
Magnesium		7192.6260		7527.0180		5		P
Manganese		411.2315		463.9122		12		P
Nickel		51.5770		57.1260		10		P
Potassium		2935.2880		3186.7290		8		P
Selenium		44.4664		47.9146		7		P
Silver		11.8126		12.5854		6		P
Mercury		0.3883		0.3729		4		CV
Sodium		2433.4090		2589.4590		6		P
Thallium		43.6797		47.7894		9		P
Vanadium		53.1277		59.0224		11		P
Zinc		63.3837		67.8372		7		P

SAMPLE DATE 09/02/2008

SDG: A475

.ient Sample ID: MW-9 S3,4-5	MW-9 S3,4-5	MW-9 S3,4-5
Lab Sample ID: A8A71801	A8A71801MS	A8A71801SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
/ET CHEMISTRY ANALYSIS												
METHOD 9012 - TOTAL CYANIDE	UG/G	0	10.48	8.90	10.46	9.01	100	99	100	1	20.0	85-115

182/3648

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2149202 A8B2149201

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	428.6	400.0	107	90-110

183/3648

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475
.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2164104 A8B2164103

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
)ET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	55.11	77.10	71	40-160

184/3648

' Indicates Result is outside QC Limits
)C = Not Calculated ND = Not Detected

SDG: A475
ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2174702 A8B2174701

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	404.1	400.0	101	90-110

185/3648

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475
.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2174704 A8B2174703

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	68.57	77.10	89	40-160

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2193502 A8B2193501

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	400.7	400.0	100	90-110

187/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2193504 A8B2193503

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	70.86	77.10	92	40-160

* Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475
.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2198202 A8B2198201

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	389.4	400.0	97	90-110

189/3648

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475
.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2198204 A8B2198203

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	63.48	77.10	82	40-160

190/3648

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475

lient Sample ID:	Method Blank	LCS
Lab Sample ID:	A8B2204502	A8B2204501

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	250.5	250.0	100	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2228504 A8B2228503

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
)ET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	52.66	77.10	68	40-160

192/3648

* Indicates Result is outside QC Limits
)C = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4169.RR Lab Sample ID: A8B2152302

Date Analyzed: 08/28/2008 Time Analyzed: 12:33

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB01	A8B2152301	F4166.RR	11:16
2	SB-20-S1(4-6)	A8A47507	F4183.RR	18:37
3	TP1-S1(10-11)	A8A47501	F4177.RR	16:05
4	TP2-S1(1-3)	A8A47502	F4178.RR	16:30
5	TP2-S2(8-10)	A8A47503	F4179.RR	16:55
6	TP3-S1(4-6)	A8A47504	F4180.RR	17:21
7	TP3-S2(7-9)	A8A47505	F4181.RR	17:46
8	TP4-S1(8-10)	A8A47506	F4182.RR	18:12

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2152302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4169.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	5	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	1	J
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	21	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2152302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4169.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	2	J
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4238.RR Lab Sample ID: A8B2170302

Date Analyzed: 09/03/2008 Time Analyzed: 11:24

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	DUP082808	A8A62905	F4247.RR	15:13
2	MSB08	A8B2170301	F4236.RR	10:33
3	SB-21 S1-0.5-2.5	A8A62903	F4245.RR	14:23
4	SB-21 S4-6.5-8.5	A8A62904	F4246.RR	14:48

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2170302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4238.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	6	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	1	J
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	14	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2170302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4238.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	2	J
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0710.RR Lab Sample ID: A8B2171902

Date Analyzed: 09/03/2008 Time Analyzed: 11:32

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB082508	A8A47508	P0720.RR	16:17
2	EB082608	A8A47509	P0721.RR	16:45
3	MSB49	A8B2171901	P0708.RR	10:36
4	TB082508	A8A47510	P0722.RR	17:13

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2171902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0710.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2171902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0710.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4255.RR Lab Sample ID: A8B2178004

Date Analyzed: 09/04/2008 Time Analyzed: 12:05

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB10	A8B2178002	F4253.RR	11:14
2	MW-8 S2 4-6	A8A71301	F4263.RR	15:28
3	MW-9 S3,4-5	A8A71801	F4267.RR	17:09
4	MW-9 S3,4-5	A8A71801MS	F4268.RR	17:34
5	MW-9 S3,4-5	A8A71801SD	F4269.RR	17:59

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2178004

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4255.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	6	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	14	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2178004

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4255.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	1	J
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: Q9959.RR Lab Sample ID: A8B2190402

Date Analyzed: 09/06/2008 Time Analyzed: 15:18

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973Q

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB082808	A8A62902	Q9971.RR	21:09
2	MSB64	A8B2190401	Q9956.RR	13:52
3	TB082808	A8A62906	Q9972.RR	21:38

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2190402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9959.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2190402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9959.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: S7561.RR Lab Sample ID: A8B2194002

Date Analyzed: 09/07/2008 Time Analyzed: 10:40

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB 082908	A8A71302	S7580.RR	18:29
2	MSB26	A8B2194001	S7560.RR	10:16
3	Trip Blank	A8A71303	S7581.RR	18:53

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2194002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7561.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2194002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7561.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0847.RR Lab Sample ID: A8B2199002

Date Analyzed: 09/08/2008 Time Analyzed: 19:26

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	90 CANAL ST. SUMP	A8A62901	P0851.RR	21:30
2	MSB56	A8B2199001	P0845.RR	18:30

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2199002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0847.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2199002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0847.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: N0844.RR Lab Sample ID: A8B2207902

Date Analyzed: 09/09/2008 Time Analyzed: 10:33

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB 090208	A8A71802	N0845.RR	11:03
2	MSB27	A8B2207901	N0842.RR	09:45
3	TB 090208	A8A71803	N0846.RR	11:27

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2207902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0844.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2207902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0844.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V30991.RR Lab Sample ID: A8B2146003

Instrument ID: HP5973V Date Extracted: 08/29/2008

Matrix: (soil/water) SOIL Date Analyzed: 09/02/2008

Level: (low/med) LOW Time Analyzed: 16:26

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	MSB43	A8B2146001	V30989.RR	09/02/2008
2	MSBD43	A8B2146002	V30990.RR	09/02/2008
3	SB-20-S1(4-6)	A8A47507	V31058.RR	09/03/2008
4	TP1-S1(10-11)	A8A47501	V30997.RR	09/02/2008
5	TP2-S1(1-3)	A8A47502	V30998.RR	09/02/2008
6	TP2-S2(8-10)	A8A47503	V30999.RR	09/02/2008
7	TP3-S1(4-6)	A8A47504	V31055.RR	09/03/2008
8	TP3-S2(7-9)	A8A47505	V31056.RR	09/03/2008
9	TP4-S1(8-10)	A8A47506	V31057.RR	09/03/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146003

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V30991.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	330	U
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	330	U
50-32-8	Benzo(a)pyrene	330	U
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	330	U
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	330	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	330	U
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	20	J
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146003

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V30991.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	330	U
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
108-95-2	Phenol	330	U
129-00-0	Pyrene	330	U
95-95-4	2,4,5-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146003

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V30991.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31075.RR Lab Sample ID: A8B2149303

Instrument ID: HP5973V Date Extracted: 08/29/2008

Matrix: (soil/water) WATER Date Analyzed: 09/04/2008

Level: (low/med) LOW Time Analyzed: 04:04

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB082508	A8A47508	V31079.RR	09/04/2008
2	MSB49	A8B2149301	V31073.RR	09/04/2008
3	MSBD49	A8B2149302	V31074.RR	09/04/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149303

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31075.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	2	J
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149303

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31075.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149303

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31075.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31097.RR Lab Sample ID: A8B2157503

Instrument ID: HP5973V Date Extracted: 09/02/2008

Matrix: (soil/water) WATER Date Analyzed: 09/04/2008

Level: (low/med) LOW Time Analyzed: 14:09

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB082608	A8A47509	V31123.RR	09/05/2008
2	MSB50	A8B2157501	V31095.RR	09/04/2008
3	MSBD50	A8B2157502	V31096.RR	09/04/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157503

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31097.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	2	J
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157503

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31097.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	0.2	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157503

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31097.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31145.RR Lab Sample ID: A8B2171802

Instrument ID: HP5973V Date Extracted: 09/04/2008

Matrix: (soil/water) SOIL Date Analyzed: 09/05/2008

Level: (low/med) LOW Time Analyzed: 09:20

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	DUP082808	A8A62905	V31170.RR	09/05/2008
2	MSB52	A8B2171801	V31144.RR	09/05/2008
3	MW-8 S2 4-6	A8A71301	V31171.RR	09/05/2008
4	SB-21 S1-0.5-2.5	A8A62903	V31168.RR	09/05/2008
5	SB-21 S4-6.5-8.5	A8A62904	V31169.RR	09/05/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171802

Sample wt/vol: 30.32 (g/mL) G Lab File ID: V31145.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	330	U
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	330	U
50-32-8	Benzo(a)pyrene	330	U
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	330	U
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	330	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	330	U
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	18	J
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171802

Sample wt/vol: 30.32 (g/mL) G Lab File ID: V31145.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	330	U
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
108-95-2	Phenol	330	U
129-00-0	Pyrene	330	U
95-95-4	2,4,5-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171802

Sample wt/vol: 30.32 (g/mL) G Lab File ID: V31145.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: W26152.RR Lab Sample ID: A8B2172002

Instrument ID: HP5973W Date Extracted: 09/04/2008

Matrix: (soil/water) SOIL Date Analyzed: 09/05/2008

Level: (low/med) LOW Time Analyzed: 13:40

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	MSB65	A8B2172001	W26151.RR	09/05/2008
2	MW-9 S3,4-5	A8A71801	W26165.RR	09/05/2008
3	MW-9 S3,4-5	A8A71801MS	W26166.RR	09/05/2008
4	MW-9 S3,4-5	A8A71801SD	W26167.RR	09/05/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172002

Sample wt/vol: 30.44 (g/mL) G Lab File ID: W26152.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	320	U
208-96-8	Acenaphthylene	320	U
98-86-2	Acetophenone	320	U
120-12-7	Anthracene	320	U
1912-24-9	Atrazine	320	U
100-52-7	Benzaldehyde	320	U
56-55-3	Benzo(a)anthracene	320	U
205-99-2	Benzo(b)fluoranthene	320	U
207-08-9	Benzo(k)fluoranthene	320	U
191-24-2	Benzo(ghi)perylene	320	U
50-32-8	Benzo(a)pyrene	320	U
92-52-4	Biphenyl	320	U
111-91-1	Bis(2-chloroethoxy) methane	320	U
111-44-4	Bis(2-chloroethyl) ether	320	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	320	U
117-81-7	Bis(2-ethylhexyl) phthalate	320	U
101-55-3	4-Bromophenyl phenyl ether	320	U
85-68-7	Butyl benzyl phthalate	320	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	320	U
59-50-7	4-Chloro-3-methylphenol	320	U
91-58-7	2-Chloronaphthalene	320	U
95-57-8	2-Chlorophenol	320	U
7005-72-3	4-Chlorophenyl phenyl ether	320	U
86-74-8	Carbazole	320	U
218-01-9	Chrysene	17	J
53-70-3	Dibenzo(a,h)anthracene	320	U
132-64-9	Dibenzofuran	320	U
84-74-2	Di-n-butyl phthalate	320	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	320	U
84-66-2	Diethyl phthalate	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172002

Sample wt/vol: 30.44 (g/mL) G Lab File ID: W26152.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	320	U
131-11-3	Dimethyl phthalate	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	320	U
606-20-2	2,6-Dinitrotoluene	320	U
117-84-0	Di-n-octyl phthalate	320	U
206-44-0	Fluoranthene	320	U
86-73-7	Fluorene	320	U
118-74-1	Hexachlorobenzene	320	U
87-68-3	Hexachlorobutadiene	320	U
77-47-4	Hexachlorocyclopentadiene	320	U
67-72-1	Hexachloroethane	320	U
193-39-5	Indeno(1,2,3-cd)pyrene	320	U
78-59-1	Isophorone	320	U
91-57-6	2-Methylnaphthalene	320	U
95-48-7	2-Methylphenol	320	U
106-44-5	4-Methylphenol	320	U
91-20-3	Naphthalene	320	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	320	U
88-75-5	2-Nitrophenol	320	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	320	U
621-64-7	N-Nitroso-Di-n-propylamine	320	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	320	U
108-95-2	Phenol	320	U
129-00-0	Pyrene	320	U
95-95-4	2,4,5-Trichlorophenol	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172002

Sample wt/vol: 30.44 (g/mL) G Lab File ID: W26152.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26217.RR Lab Sample ID: A8B2163702

Instrument ID: HP5973X Date Extracted: 09/03/2008

Matrix: (soil/water) WATER Date Analyzed: 09/05/2008

Level: (low/med) LOW Time Analyzed: 14:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	90 CANAL ST. SUMP	A8A62901	X26231.RR	09/05/2008
2	EB082808	A8A62902	X26232.RR	09/05/2008
3	MSB39	A8B2163701	X26216.RR	09/05/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163702

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26217.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163702

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26217.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163702

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26217.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26246.RR Lab Sample ID: A8B2172102

Instrument ID: HP5973X Date Extracted: 09/04/2008

Matrix: (soil/water) WATER Date Analyzed: 09/06/2008

Level: (low/med) LOW Time Analyzed: 13:49

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB 082908	A8A71302	X26292.RR	09/08/2008
2	EB 090208	A8A71802	X26293.RR	09/08/2008
3	MSB40	A8B2172101	X26245.RR	09/06/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26246.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.7	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26246.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	1	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	0.2	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26246.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	02:40	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	03:08	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	04:12	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	05:19	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	06:23	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	07:12	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	12:53	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	12:53	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	13:24	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	13:24	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	14:27	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	14:27	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	15:30	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	15:30	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	16:26	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	16:26	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	17:31	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	17:31	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	18:34	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	18:34	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	19:41	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	19:41	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	20:45	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	20:45	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	11:02	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	11:32	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	12:44	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	13:48	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	15:02	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	16:07	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Antimony	600.000	U	600.000	600.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Arsenic	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Barium	20.000	U	20.000	20.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Beryllium	5.000	U	5.000	5.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Cadmium	1.000	U	1.000	1.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Calcium	500.000	U	500.000	500.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Chromium	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Cobalt	50.000	U	50.000	50.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Copper	20.000	U	20.000	20.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Iron	100.000	U	100.000	100.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Lead	3.000	U	3.000	3.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Magnesium	5000.000	U	5000.000	5000.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Manganese	15.000	U	15.000	15.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Nickel	40.000	U	40.000	40.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Potassium	5000.000	U	5000.000	5000.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Selenium	6.100	U	6.100	6.100	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Silver	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Sodium	5000.000	U	5000.000	5000.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Thallium	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Vanadium	50.000	U	50.000	50.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Zinc	20.000	U	20.000	20.000	P	9/2/2008	11:40	SUPERTRACE2	A090208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Antimony	600.000	U	600.000	600.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Arsenic	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Barium	20.000	U	20.000	20.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Beryllium	5.000	U	5.000	5.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Cadmium	1.000	U	1.000	1.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Calcium	500.000	U	500.000	500.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Chromium	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Cobalt	50.000	U	50.000	50.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Copper	20.000	U	20.000	20.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Iron	100.000	U	100.000	100.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Lead	3.000	U	3.000	3.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Magnesium	5000.000	U	5000.000	5000.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Manganese	15.000	U	15.000	15.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Nickel	40.000	U	40.000	40.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Potassium	5000.000	U	5000.000	5000.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Selenium	6.100	U	6.100	6.100	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Silver	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Sodium	5000.000	U	5000.000	5000.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Thallium	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Vanadium	50.000	U	50.000	50.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Zinc	20.000	U	20.000	20.000	P	9/2/2008	12:09	SUPERTRACE2	A090208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Antimony	600.000	U	600.000	600.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Arsenic	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Barium	20.000	U	20.000	20.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Beryllium	5.000	U	5.000	5.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Cadmium	1.000	U	1.000	1.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Calcium	500.000	U	500.000	500.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Chromium	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Cobalt	50.000	U	50.000	50.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Copper	20.000	U	20.000	20.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Iron	100.000	U	100.000	100.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Lead	3.000	U	3.000	3.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Magnesium	5000.000	U	5000.000	5000.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Manganese	15.000	U	15.000	15.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Nickel	40.000	U	40.000	40.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Potassium	5000.000	U	5000.000	5000.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Selenium	6.100	U	6.100	6.100	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Silver	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Sodium	5000.000	U	5000.000	5000.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Thallium	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Vanadium	50.000	U	50.000	50.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Zinc	20.000	U	20.000	20.000	P	9/2/2008	13:18	SUPERTRACE2	A090208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
ICB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	12:38	LEEMAN PS20	G09028S1
CCB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	12:42	LEEMAN PS20	G09028S1
CCB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:01	LEEMAN PS20	G09028S1
CCB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:19	LEEMAN PS20	G09028S1

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:37	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:58	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	14:13	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	14:34	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	14:40	LEEMAN PS20	G09028S1
ICB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:06	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:13	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:31	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:50	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:58	LEEMAN PS20	G09048W1

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	18:30	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	18:37	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	18:56	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	19:15	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	19:33	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	19:54	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	20:13	LEEMAN PS20	H08288W1
ICB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	13:22	LEEMAN PS20	H09058S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	13:26	LEEMAN PS20	H09058S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	13:44	LEEMAN PS20	H09058S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	14:03	LEEMAN PS20	H09058S1

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	14:16	LEEMAN PS20	H09058S1
ICB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:06	LEEMAN PS20	H09118S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:11	LEEMAN PS20	H09118S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:31	LEEMAN PS20	H09118S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:45	LEEMAN PS20	H09118S1

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849862-9/3/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Antimony	600.000	U		600.000	600.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Arsenic	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Barium	20.000	U		20.000	20.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Beryllium	5.000	U		5.000	5.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Calcium	500.000	U		500.000	500.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Chromium	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Cobalt	50.000	U		50.000	50.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Copper	20.000	U		20.000	20.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Iron	100.000	U		100.000	100.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Lead	3.000	U		3.000	3.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Magnesium	5000.000	U		5000.000	5000.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Manganese	15.000	U		15.000	15.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Nickel	40.000	U		40.000	40.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Potassium	5000.000	U		5000.000	5000.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Selenium	6.100	U		6.100	6.100	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Silver	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Sodium	5000.000	U		5000.000	5000.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Thallium	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Vanadium	50.000	U		50.000	50.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Zinc	20.000	U		20.000	20.000	P	9/4/2008	04:36	SUPERTRACE	109030Y

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD850202-9/4/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Antimony	6.000	U		6.000	6.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Arsenic	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Barium	2.000	U		2.000	2.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Beryllium	0.500	U		0.500	0.500	P	9/4/2008	19:29	SUPERTRACE	109040W
	Cadmium	0.500	U		0.500	0.500	P	9/4/2008	19:29	SUPERTRACE	109040W
	Calcium	50.000	U		50.000	50.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Chromium	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Cobalt	5.000	U		5.000	5.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Copper	2.000	U		2.000	2.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Iron	10.000	U		10.000	10.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Lead	0.500	U		0.500	0.500	P	9/4/2008	19:29	SUPERTRACE	109040W
	Magnesium	50.000	U		50.000	50.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Manganese	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Nickel	4.000	U		4.000	4.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Potassium	200.000	U		200.000	200.000	P	9/5/2008	11:52	SUPERTRACE	109050Y
	Selenium	0.590	U		0.590	0.590	P	9/4/2008	19:29	SUPERTRACE	109040W
	Silver	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Sodium	50.000	U		50.000	50.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Thallium	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Vanadium	5.000	U		5.000	5.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Zinc	2.000	U		2.000	2.000	P	9/4/2008	19:29	SUPERTRACE	109040W

Rochester Gas & Electric

- 3b -

PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD850415-9/5/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Antimony	6.000	U		6.000	6.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Arsenic	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Barium	2.000	U		2.000	2.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Beryllium	0.500	U		0.500	0.500	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Cadmium	0.500	U		0.500	0.500	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Calcium	50.000	U		50.000	50.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Chromium	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Cobalt	5.000	U		5.000	5.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Copper	2.000	U		2.000	2.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Iron	10.000	U		10.000	10.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Lead	0.500	U		0.500	0.500	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Magnesium	50.000	U		50.000	50.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Manganese	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Nickel	4.000	U		4.000	4.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Potassium	200.000	U		200.000	200.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Selenium	0.590	U		0.590	0.590	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Silver	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Sodium	50.000	U		50.000	50.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Thallium	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Vanadium	5.000	U		5.000	5.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Zinc	2.000	U		2.000	2.000	P	9/5/2008	14:24	SUPERTRACE	109050Y

Rochester Gas & Electric
- 3b -
PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849060-8/29/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Antimony	600.000	U		600.000	600.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Arsenic	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Barium	20.000	U		20.000	20.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Beryllium	5.000	U		5.000	5.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Cadmium	1.000	U		1.000	1.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Calcium	500.000	U		500.000	500.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Chromium	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Cobalt	50.000	U		50.000	50.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Copper	20.000	U		20.000	20.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Iron	100.000	U		100.000	100.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Lead	3.000	U		3.000	3.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U		5000.000	5000.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Manganese	15.000	U		15.000	15.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Nickel	40.000	U		40.000	40.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Potassium	5000.000	U		5000.000	5000.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Selenium	6.100	U		6.100	6.100	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Silver	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Sodium	5000.000	U		5000.000	5000.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Thallium	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Vanadium	50.000	U		50.000	50.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Zinc	20.000	U		20.000	20.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y

Rochester Gas & Electric

- 3b -

PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD848920-8/29/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Antimony	6.000	U		6.000	6.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Arsenic	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Barium	2.000	U		2.000	2.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Beryllium	0.500	U		0.500	0.500	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Cadmium	0.500	U		0.500	0.500	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Calcium	50.000	U		50.000	50.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Chromium	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Cobalt	5.000	U		5.000	5.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Copper	2.000	U		2.000	2.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Iron	10.000	U		10.000	10.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Lead	0.500	U		0.500	0.500	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Magnesium	50.000	U		50.000	50.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Manganese	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Nickel	4.000	U		4.000	4.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Potassium	200.000	U		200.000	200.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Selenium	0.590	U		0.590	0.590	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Silver	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Sodium	50.000	U		50.000	50.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Thallium	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Vanadium	5.000	U		5.000	5.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Zinc	2.000	U		2.000	2.000	P	9/2/2008	12:17	SUPERTRACE2	A090208

Rochester Gas & Electric
- 3b -
PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849893-9/3/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Antimony	6.000	U		6.000	6.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Arsenic	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Barium	2.000	U		2.000	2.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Beryllium	0.500	U		0.500	0.500	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Cadmium	0.500	U		0.500	0.500	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Calcium	50.000	U		50.000	50.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Chromium	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Cobalt	5.000	U		5.000	5.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Copper	2.000	U		2.000	2.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Iron	10.000	U		10.000	10.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Lead	0.500	U		0.500	0.500	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Magnesium	50.000	U		50.000	50.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Manganese	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Nickel	4.000	U		4.000	4.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Potassium	200.000	U		200.000	200.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Selenium	0.590	U		0.590	0.590	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Silver	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Sodium	50.000	U		50.000	50.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Thallium	1.000	U		1.000	I.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Vanadium	5.000	U		5.000	5.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Zinc	2.000	U		2.000	2.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W

Rochester Gas & Electric
- 3b -
PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD850219-9/4/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Antimony	600.000	U		600.000	600.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Arsenic	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Barium	20.000	U		20.000	20.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Beryllium	5.000	U		5.000	5.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Cadmium	1.000	U		1.000	1.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Calcium	500.000	U		500.000	500.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Chromium	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Cobalt	50.000	U		50.000	50.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Copper	20.000	U		20.000	20.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Iron	100.000	U		100.000	100.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Lead	3.000	U		3.000	3.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Magnesium	5000.000	U		5000.000	5000.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Manganese	15.000	U		15.000	15.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Nickel	40.000	U		40.000	40.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Potassium	5000.000	U		5000.000	5000.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Selenium	6.100	U		6.100	6.100	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Silver	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Sodium	5000.000	U		5000.000	5000.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Thallium	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Vanadium	50.000	U		50.000	50.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Zinc	20.000	U		20.000	20.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
AD852272-9/4/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/4/2008	15:54	LEEMAN PS20	G09048W1
AD849535-9/2/08			**SOIL**								
	Mercury	0.005	U		0.005	0.005	CV	9/2/2008	14:09	LEEMAN PS20	G09028S1
AD851516-9/11/08			**SOIL**								
	Mercury	0.005	U		0.005	0.005	CV	9/11/2008	13:40	LEEMAN PS20	H09118S1

Rochester Gas & Electric
- 3b -
PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849862-9/3/08			**WATER**								
	Cadmium	1.000	U		1.000	1.000	P	9/4/2008	17:38	SUPERTRACE2	A09040W
AD848846-8/28/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	8/28/2008	20:08	LEEMAN PS20	H08288W1
AD850438-9/5/08			**SOIL**								
	Mercury	-0.008			0.005	0.005	CV	9/5/2008	14:11	LEEMAN PS20	H09058S1

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2149202 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 08/30/2008 Time Analyzed (1): 08:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB082508	A8A47508	08/30/2008	08:15
2	LCS	A8B2149201	08/30/2008	08:15

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2149202

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	08/30/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2164104 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/04/2008 Time Analyzed (1): 08:45

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2164103	09/04/2008	08:45
2	TP1-S1(10-11)	A8A47501	09/04/2008	08:45
3	TP2-S1(1-3)	A8A47502	09/04/2008	08:45
4	TP2-S2(8-10)	A8A47503	09/04/2008	08:45
5	TP3-S1(4-6)	A8A47504	09/04/2008	08:45
6	TP3-S2(7-9)	A8A47505	09/04/2008	08:45
7	TP4-S1(8-10)	A8A47506	09/04/2008	08:45

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2164104

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/04/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2174702 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/05/2008 Time Analyzed (1): 08:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	90 CANAL ST. SUMP	A8A62901	09/05/2008	08:47
2	EB082608	A8A47509	09/05/2008	08:47
3	LCS	A8B2174701	09/05/2008	08:47

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2174702

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/05/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2174704 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/05/2008 Time Analyzed (1): 08:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2174703	09/05/2008	08:47
2	SB-20-S1(4-6)	A8A47507	09/05/2008	08:47

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2174704

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/05/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2193502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 09:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB 082908	A8A71302	09/10/2008	09:52
2	LCS	A8B2193501	09/10/2008	09:52

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2193502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2193504 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 09:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	DUP082808	A8A62905	09/10/2008	09:52
2	LCS	A8B2193503	09/10/2008	09:52
3	SB-21 S1-0.5-2.5	A8A62903	09/10/2008	09:52
4	SB-21 S4-6.5-8.5	A8A62904	09/10/2008	09:52

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2193504

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2198202 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 10:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB082808	A8A62902	09/10/2008	10:48
2	LCS	A8B2198201	09/10/2008	10:48

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2198202

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2198204 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 10:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2198203	09/10/2008	10:48
2	MW-8 S2 4-6	A8A71301	09/10/2008	10:48

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2198204

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2204502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/11/2008 Time Analyzed (1): 09:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB 090208	A8A71802	09/11/2008	09:15
2	LCS	A8B2204501	09/11/2008	09:15

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2204502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/11/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2228504 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/15/2008 Time Analyzed (1): 11:10

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2228503	09/15/2008	11:10
2	MW-9 S3,4-5	A8A71801	09/15/2008	11:10
3	MW-9 S3,4-5	A8A71801MS	09/15/2008	11:10
4	MW-9 S3,4-5	A8A71801SD	09/15/2008	11:10

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2228504

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/15/2008

Comments:

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002166

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): F4165.RR Date Analyzed: 08/28/2008

Instrument ID: HP5973F Time Analyzed: 10:39

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		340390		6.96		389515		9.41		775449		4.34	
	UPPER LIMIT		680780		7.46		779030		9.91		1550898		4.84	
	LOWER LIMIT		170195		6.46		194758		8.91		387725		3.84	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB01	A8B2152301	330230		6.96		377467		9.41		752788		4.34	
2	SB-20-S1(4-6)	A8A47507	326311		6.96		367430		9.41		747589		4.34	
3	TP1-S1(10-11)	A8A47501	336847		6.96		381261		9.41		765956		4.35	
4	TP2-S1(1-3)	A8A47502	292894		6.96		274270		9.41		716552		4.35	
5	TP2-S2(8-10)	A8A47503	336088		6.96		378808		9.41		768321		4.34	
6	TP3-S1(4-6)	A8A47504	334352		6.96		378875		9.41		760248		4.34	
7	TP3-S2(7-9)	A8A47505	331678		6.96		378125		9.41		752769		4.34	
8	TP4-S1(8-10)	A8A47506	267467		6.96		297837		9.41		604205		4.34	
9	VBLK01	A8B2152302	322317		6.96		362368		9.41		723505		4.34	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002194

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): F4235.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973F Time Analyzed: 10:02

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		345574		6.96		390289		9.41		819636		4.34	
	UPPER LIMIT		691148		7.46		780578		9.91		1639272		4.84	
	LOWER LIMIT		172787		6.46		195145		8.91		409818		3.84	
	CLIENT SAMPLE	Lab Sample ID												
1	DUP082808	A8A62905	341528		6.96		374380		9.41		799997		4.34	
2	MSB08	A8B2170301	336910		6.96		376103		9.41		790344		4.34	
3	SB-21 S1-0.5-2.5	A8A62903	346719		6.96		377200		9.41		810731		4.34	
4	SB-21 S4-6.5-8.5	A8A62904	342291		6.96		367940		9.41		808733		4.34	
5	VBLK08	A8B2170302	335429		6.96		370321		9.41		795015		4.34	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002206

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): F4252.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973F Time Analyzed: 10:48

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		349739		6.96		387166		9.41		820599		4.34	
	UPPER LIMIT		699478		7.46		774332		9.91		1641198		4.84	
	LOWER LIMIT		174870		6.46		193583		8.91		410300		3.84	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB10	A8B2178002	330937		6.96		369612		9.41		781753		4.35	
2	MW-8 S2 4-6	A8A71301	310172		6.96		289772		9.41		759563		4.35	
3	MW-9 S3,4-5	A8A71801	348214		6.96		381038		9.41		806569		4.34	
4	MW-9 S3,4-5	A8A71801MS	348491		6.96		377261		9.41		808670		4.34	
5	MW-9 S3,4-5	A8A71801SD	343926		6.96		379077		9.41		798041		4.34	
6	VBLK10	A8B2178004	342101		6.96		375434		9.41		804348		4.34	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002262

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): N0841.RR Date Analyzed: 09/09/2008

Instrument ID: HP5973N Time Analyzed: 09:08

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		285209		8.41		159978		10.79		308161		5.55	
	UPPER LIMIT		570418		8.91		319956		11.29		616322		6.05	
	LOWER LIMIT		142605		7.91		79989		10.29		154081		5.05	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 090208	A8A71802	262102		8.41		136749		10.79		289428		5.55	
2	MSB27	A8B2207901	306000		8.41		164487		10.79		323799		5.55	
3	TB 090208	A8A71803	245592		8.41		124554		10.79		268014		5.55	
4	VBLK27	A8B2207902	278658		8.41		147811		10.79		306627		5.55	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002197

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): P0707.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973P Time Analyzed: 10:00

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		568915		13.54		322420		16.91		620982		9.65	
	UPPER LIMIT		1137830		14.04		644840		17.41		1241964		10.15	
	LOWER LIMIT		284458		13.04		161210		16.41		310491		9.15	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082508	A8A47508	467574		13.54		265267		16.91		498692		9.66	
2	EB082608	A8A47509	456680		13.54		263214		16.91		491442		9.66	
3	MSB49	A8B2171901	564922		13.54		323164		16.91		617776		9.65	
4	TB082508	A8A47510	454647		13.54		256853		16.91		492345		9.66	
5	VBLK49	A8B2171902	507538		13.54		287817		16.91		557583		9.66	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002250

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): P0843.RR Date Analyzed: 09/08/2008

Instrument ID: HP5973P Time Analyzed: 17:24

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		704034		13.53		444569		16.91		819862		9.65	
	UPPER LIMIT		1408068		14.03		889138		17.41		1639724		10.15	
	LOWER LIMIT		352017		13.03		222285		16.41		409931		9.15	
	CLIENT SAMPLE	Lab Sample ID												
1	90 CANAL ST. SUMP	A8A62901	567471		13.54		363618		16.91		677902		9.66	
2	MSB56	A8B2199001	708626		13.54		453389		16.91		827147		9.66	
3	VBLK56	A8B2199002	637356		13.54		407870		16.91		757122		9.66	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002234

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): Q9955.RR Date Analyzed: 09/06/2008

Instrument ID: HP5973Q Time Analyzed: 13:24

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		611632		14.28		377495		17.65		663522		10.36	
	UPPER LIMIT		1223264		14.78		754990		18.15		1327044		10.86	
	LOWER LIMIT		305816		13.78		188748		17.15		331761		9.86	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082808	A8A62902	475569		14.28		262439		17.64		530392		10.35	
2	MSB64	A8B2190401	626926		14.28		371151		17.65		663278		10.35	
3	TB082808	A8A62906	467012		14.28		250675		17.64		513651		10.35	
4	VBLK64	A8B2190402	526531		14.28		287969		17.65		592717		10.36	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-20D)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002238

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): S7559.RR Date Analyzed: 09/07/2008

Instrument ID: HP5973S Time Analyzed: 09:33

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		209677		7.19		157199		9.06		349138		5.00	
	UPPER LIMIT		419354		7.69		314398		9.56		698276		5.50	
	LOWER LIMIT		104839		6.69		78600		8.56		174569		4.50	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 082908	A8A71302	160659		7.19		116784		9.06		274919		5.00	
2	MSB26	A8B2194001	178853		7.19		141125		9.06		299221		4.99	
3	Trip Blank	A8A71303	166123		7.19		120039		9.06		284985		5.00	
4	VBLK26	A8B2194002	185285		7.19		132590		9.06		326558		5.00	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002196

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V30971.RR Date Analyzed: 09/02/2008

Instrument ID: HP5973V Time Analyzed: 08:47

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		392172		9.48		708551		13.72		188702		5.49	
	UPPER LIMIT		784344		9.98		1417102		14.22		377404		5.99	
	LOWER LIMIT		196086		8.98		354276		13.22		94351		4.99	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB43	A8B2146001	348372		9.48		676553		13.72		161636		5.49	
2	MSBD43	A8B2146002	341078		9.48		670781		13.72		156176		5.49	
3	SBLK43	A8B2146003	400027		9.48		783812		13.72		183396		5.49	
4	TP1-S1(10-11)	A8A47501	390017		9.48		811925		13.72		182382		5.49	
5	TP2-S1(1-3)	A8A47502	326168		9.48		745556		13.72		152893		5.49	
6	TP2-S2(8-10)	A8A47503	347113		9.48		767267		13.72		161607		5.49	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002196

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V30971.RR Date Analyzed: 09/02/2008

Instrument ID: HP5973V Time Analyzed: 08:47

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		694160		7.21		799054		11.23		572266		14.95	
	UPPER LIMIT		1388320		7.71		1598108		11.73		1144532		15.45	
	LOWER LIMIT		347080		6.71		399527		10.73		286133		14.45	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB43	A8B2146001	595759		7.20		729380		11.23		527388		14.95	
2	MSBD43	A8B2146002	582760		7.20		722308		11.23		513195		14.94	
3	SBLK43	A8B2146003	682128		7.20		841927		11.23		606814		14.94	
4	TP1-S1(10-11)	A8A47501	658467		7.20		811059		11.23		855318		14.95	
5	TP2-S1(1-3)	A8A47502	564652		7.20		684502		11.23		810018		14.95	
6	TP2-S2(8-10)	A8A47503	597406		7.20		727113		11.23		813250		14.95	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		411392		9.47		815338		13.71		194134		5.47	
	UPPER LIMIT		822784		9.97		1630676		14.21		388268		5.97	
	LOWER LIMIT		205696		8.97		407669		13.21		97067		4.97	
	CLIENT SAMPLE	Lab Sample ID												
1	SB-20-S1(4-6)	A8A47507	365641		9.46		671608		13.71		170354		5.47	
2	TP3-S1(4-6)	A8A47504	325414		9.46		702312		13.71		155909		5.47	
3	TP3-S2(7-9)	A8A47505	395757		9.46		822774		13.71		181267		5.47	
4	TP4-S1(8-10)	A8A47506	365491		9.46		749684		13.71		165759		5.47	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		726611		7.19		872562		11.21		619495		14.93	
	UPPER LIMIT		1453222		7.69		1745124		11.71		1238990		15.43	
	LOWER LIMIT		363306		6.69		436281		10.71		309748		14.43	
	CLIENT SAMPLE	Lab Sample ID												
1	SB-20-S1(4-6)	A8A47507	635456		7.19		749820		11.21		624638		14.94	
2	TP3-S1(4-6)	A8A47504	568445		7.19		703934		11.21		502584		14.93	
3	TP3-S2(7-9)	A8A47505	664743		7.19		839230		11.21		629469		14.93	
4	TP4-S1(8-10)	A8A47506	625223		7.19		757877		11.21		554470		14.93	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		411392		9.47		815338		13.71		194134		5.47	
	UPPER LIMIT		822784		9.97		1630676		14.21		388268		5.97	
	LOWER LIMIT		205696		8.97		407669		13.21		97067		4.97	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082508	A8A47508	339828		9.46		717852		13.71		157566		5.47	
2	MSB49	A8B2149301	362054		9.47		694414		13.71		162349		5.47	
3	MSBD49	A8B2149302	351187		9.47		699590		13.71		158775		5.47	
4	SBLK49	A8B2149303	347243		9.46		718403		13.71		157197		5.47	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		726611		7.19		872562		11.21		619495		14.93	
	UPPER LIMIT		1453222		7.69		1745124		11.71		1238990		15.43	
	LOWER LIMIT		363306		6.69		436281		10.71		309748		14.43	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082508	A8A47508	578759		7.19		768248		11.21		671080		14.93	
2	MSB49	A8B2149301	613792		7.19		766804		11.22		683619		14.93	
3	MSBD49	A8B2149302	587419		7.19		759015		11.22		699269		14.94	
4	SBLK49	A8B2149303	596699		7.19		781582		11.21		686546		14.93	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002212

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31085.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 09:34

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		332358		9.46		728007		13.70		152055		5.46	
	UPPER LIMIT		664716		9.96		1456014		14.20		304110		5.96	
	LOWER LIMIT		166179		8.96		364004		13.20		76028		4.96	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB50	A8B2157501	299018		9.46		692150		13.71		138137		5.46	
2	MSBD50	A8B2157502	294203		9.46		676174		13.71		133940		5.46	
3	SBLK50	A8B2157503	280232		9.46		623479		13.70		127516		5.46	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002212

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31085.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 09:34

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		562907		7.18		710729		11.21		599805		14.92	
	UPPER LIMIT		1125814		7.68		1421458		11.71		1199610		15.42	
	LOWER LIMIT		281454		6.68		355365		10.71		299903		14.42	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB50	A8B2157501	515209		7.18		664462		11.21		643994		14.93	
2	MSBD50	A8B2157502	496834		7.18		630575		11.21		624315		14.93	
3	SBLK50	A8B2157503	471701		7.18		606926		11.21		571863		14.93	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		297482		9.45		637957		13.69		139391		5.45	
	UPPER LIMIT		594964		9.95		1275914		14.19		278782		5.95	
	LOWER LIMIT		148741		8.95		318979		13.19		69696		4.95	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB52	A8B2171801	293802		9.45		655920		13.69		137357		5.45	
2	SBLK52	A8B2171802	280262		9.45		662379		13.69		131386		5.45	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		514257		7.18		630935		11.20		532702		14.92	
	UPPER LIMIT		1028514		7.68		1261870		11.70		1065404		15.42	
	LOWER LIMIT		257129		6.68		315468		10.70		266351		14.42	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB52	A8B2171801	506529		7.17		640555		11.20		727067		14.92	
2	SBLK52	A8B2171802	485483		7.17		621530		11.20		717895		14.92	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		297482		9.45		637957		13.69		139391		5.45	
	UPPER LIMIT		594964		9.95		1275914		14.19		278782		5.95	
	LOWER LIMIT		148741		8.95		318979		13.19		69696		4.95	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082608	A8A47509	258499		9.45		558262		13.69		118248		5.45	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		514257		7.18		630935		11.20		532702		14.92	
	UPPER LIMIT		1028514		7.68		1261870		11.70		1065404		15.42	
	LOWER LIMIT		257129		6.68		315468		10.70		266351		14.42	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082608	A8A47509	446402		7.17		566689		11.20		468819		14.92	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002248

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31153.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973V Time Analyzed: 14:36

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		317397		9.44		604095		13.68		159551		5.44	
	UPPER LIMIT		634794		9.94		1208190		14.18		319102		5.94	
	LOWER LIMIT		158699		8.94		302048		13.18		79776		4.94	
	CLIENT SAMPLE	Lab Sample ID												
1	DUP082808	A8A62905	309857		9.44		588336		13.68		145218		5.44	
2	MW-8 S2 4-6	A8A71301	314260		9.44		601820		13.68		143911		5.44	
3	SB-21 S1-0.5-2.5	A8A62903	322175		9.44		612746		13.68		142077		5.44	
4	SB-21 S4-6.5-8.5	A8A62904	335407		9.44		652621		13.68		153980		5.44	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002248

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31153.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973V Time Analyzed: 14:36

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		552294		7.17		655826		11.19		471914		14.91	
	UPPER LIMIT		1104588		7.67		1311652		11.69		943828		15.41	
	LOWER LIMIT		276147		6.67		327913		10.69		235957		14.41	
	CLIENT SAMPLE	Lab Sample ID												
1	DUP082808	A8A62905	525473		7.17		652684		11.19		619753		14.91	
2	MW-8 S2 4-6	A8A71301	525240		7.17		667686		11.19		621956		14.91	
3	SB-21 S1-0.5-2.5	A8A62903	547380		7.17		683927		11.19		628209		14.91	
4	SB-21 S4-6.5-8.5	A8A62904	577258		7.17		712573		11.19		697847		14.91	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002220

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): W26146.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973W Time Analyzed: 11:17

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		256137		9.84		485054		14.04		102034		5.94	
	UPPER LIMIT		512274		10.34		970108		14.54		204068		6.44	
	LOWER LIMIT		128069		9.34		242527		13.54		51017		5.44	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB65	A8B2172001	321868		9.84		560024		14.04		126777		5.94	
2	MW-9 S3,4-5	A8A71801	283097		9.84		536779		14.04		113590		5.94	
3	MW-9 S3,4-5	A8A71801MS	309023		9.84		556870		14.04		123256		5.94	
4	MW-9 S3,4-5	A8A71801SD	244252		9.84		438021		14.04		94458		5.94	
5	SBLK65	A8B2172002	266160		9.84		500496		14.04		106481		5.94	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002220

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): W26146.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973W Time Analyzed: 11:17

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		433230		7.59		474371		11.57		411520		15.29	
	UPPER LIMIT		866460		8.09		948742		12.07		823040		15.79	
	LOWER LIMIT		216615		7.09		237186		11.07		205760		14.79	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB65	A8B2172001	551508		7.59		589330		11.56		503842		15.29	
2	MW-9 S3,4-5	A8A71801	484815		7.59		531519		11.56		556281		15.29	
3	MW-9 S3,4-5	A8A71801MS	533268		7.59		566207		11.56		531380		15.29	
4	MW-9 S3,4-5	A8A71801SD	412178		7.59		451075		11.56		462842		15.29	
5	SBLK65	A8B2172002	456360		7.59		495380		11.56		498170		15.29	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002219

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26207.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973X Time Analyzed: 10:41

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		499660		9.44		691714		13.46		288801		5.86	
	UPPER LIMIT		999320		9.94		1383428		13.96		577602		6.36	
	LOWER LIMIT		249830		8.94		345857		12.96		144401		5.36	
	CLIENT SAMPLE	Lab Sample ID												
1	90 CANAL ST. SUMP	A8A62901	485904		9.44		621365		13.46		269636		5.86	
2	EB082808	A8A62902	475505		9.44		628823		13.45		266554		5.86	
3	MSB39	A8B2163701	528194		9.44		661741		13.45		292625		5.86	
4	SBLK39	A8B2163702	559273		9.44		711127		13.46		315302		5.86	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002219

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26207.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973X Time Analyzed: 10:41

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		1000855		7.38		772779		11.06		614929		14.65	
	UPPER LIMIT		2001710		7.88		1545558		11.56		1229858		15.15	
	LOWER LIMIT		500428		6.88		386390		10.56		307465		14.15	
	CLIENT SAMPLE	Lab Sample ID												
1	90 CANAL ST. SUMP	A8A62901	981393		7.38		726702		11.06		638010		14.65	
2	EB082808	A8A62902	972168		7.38		738967		11.06		627631		14.65	
3	MSB39	A8B2163701	1062322		7.38		788816		11.06		611059		14.65	
4	SBLK39	A8B2163702	1159949		7.38		834763		11.06		669083		14.65	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002236

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26236.RR Date Analyzed: 09/06/2008

Instrument ID: HP5973X Time Analyzed: 09:15

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		391774		9.42		639074		13.44		185985		5.81	
	UPPER LIMIT		783548		9.92		1278148		13.94		371970		6.31	
	LOWER LIMIT		195887		8.92		319537		12.94		92993		5.31	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB40	A8B2172101	394629		9.35		634742		13.40		183011		5.74	
2	SBLK40	A8B2172102	395517		9.36		636444		13.39		197727		5.74	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002236

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26236.RR Date Analyzed: 09/06/2008

Instrument ID: HP5973X Time Analyzed: 09:15

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		694282		7.35		655302		11.03		605140		14.63	
	UPPER LIMIT		1388564		7.85		1310604		11.53		1210280		15.13	
	LOWER LIMIT		347141		6.85		327651		10.53		302570		14.13	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB40	A8B2172101	721475		7.28		685451		10.99		639427		14.58	
2	SBLK40	A8B2172102	753039		7.28		661213		10.99		612730		14.57	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002237

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26272.RR Date Analyzed: 09/08/2008

Instrument ID: HP5973X Time Analyzed: 13:06

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		477506		9.41		724260		13.43		214190		5.82	
	UPPER LIMIT		955012		9.91		1448520		13.93		428380		6.32	
	LOWER LIMIT		238753		8.91		362130		12.93		107095		5.32	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 082908	A8A71302	426801		9.41		767526		13.43		232770		5.82	
2	EB 090208	A8A71802	414154		9.41		772116		13.43		233058		5.82	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002237

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26272.RR Date Analyzed: 09/08/2008

Instrument ID: HP5973X Time Analyzed: 13:06

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		831160		7.35		872785		11.03		698975		14.63	
	UPPER LIMIT		1662320		7.85		1745570		11.53		1397950		15.13	
	LOWER LIMIT		415580		6.85		436393		10.53		349488		14.13	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 082908	A8A71302	836844		7.35		789413		11.03		908212		14.63	
2	EB 090208	A8A71802	830019		7.35		762581		11.03		915680		14.63	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Batch Quality Control Data

Lab Sample ID: A8A38607 A8A38607MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 335.4 - TOTAL CYANIDE	MG/L	0.0899	0.209	0.100	120 *	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

351/3648

Lab Sample ID: A8A40715 A8A40715MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS ALLIED METHOD 335.4 - TOTAL CYANIDE	MG/L	0	0.0541	0.100	54 *	85-115

352/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8A52305 A8A52305MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
ET CHEMISTRY ANALYSIS Z: METHOD 335.4 - TOTAL CYANIDE - RL=0	MG/L	0	0.122	0.100	122 *	85-115

353/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8A53704 A8A53704MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 335.4 - TOTAL CYANIDE	MG/L	0	0.0687	0.100	69 *	85-115

354/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/23/2008 11:08:26 Rept: AN1392
Batch No: A8B21935

MS/MSD Batch QC Results

Lab Sample ID: A8A61313 A8A61313MS A8A61313SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS TOTAL CYANIDE METHOD 9012 - SOIL	MG/KG	0	12.06	9.62	11.04	8.77	109	110	110	0.	15.0	85-115

355/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/23/2008 11:08:26
Batch No: A8B22045

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A8A64302 A8A64302MS A8A64302SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
WET CHEMISTRY ANALYSIS ALLIED - METHOD 9012 - TOTAL CYANIDE -	MG/L	0	0.0664	0.0647	0.100	0.100	66 *	65 *	66	2	15.0	85-115

356/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/23/2008 11:08:26
Batch No: A8B22285

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A8A71801 A8A71801MS A8A71801SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	0	10.48	8.90	10.46	9.01	100	99	100	1	20.0	85-115

357/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8A83615 A8A83615MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 335.4 - TOTAL CYANIDE	MG/L	0.0313	0.153	0.100	122 *	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8A84503 A8A84503MS A8A84503SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
WET CHEMISTRY ANALYSIS												
METHOD 335.4 - TOTAL CYANIDE	MG/L	0.0824	0.180	0.182	0.100	0.100	98	100	99	2	15.0	85-115
METHOD 4500-CN I - FREE CYANIDE	MG/L	0.0324	0.103	0.0964	0.100	0.100	71 *	64 *	68	10	15.0	85-115

359/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/23/2008 11:08:26 Rept: AN1392
Batch No: A8B22285 MS/MSD Batch QC Results

Lab Sample ID: A8A89306 A8A89306MS A8A89306SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 4500-CN I - FREE CYANIDE	MG/L	0.0501	0.136	0.133	0.100	0.100	86	83 *	85	4	15.0	85-115

360/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/23/2008 11:08:26
Batch No: A8B22285

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A8A89307 A8A89307MS A8A89307SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
WET CHEMISTRY ANALYSIS												
METHOD 335.4 - TOTAL CYANIDE	MG/L	0.308	0.0648	0.0585	0.100	0.100	-243 *	-250 *	-247	3	15.0	85-115
METHOD 4500-CN I - FREE CYANIDE	MG/L	0	0.0435	0.0498	0.100	0.100	44 *	50 *	47	13	15.0	85-115

361/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/23/2008 11:08:26 Rept: AN1392
Batch No: A8B22045 MS/MSD Batch QC Results

Lab Sample ID: A8A98601 A8A98601MS A8A98601SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 335.4 - TOTAL CYANIDE (.048)	MG/L	0	0.105	0.0990	0.100	0.100	106	99	103	7	15.0	85-115

362/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

SDG#: A475

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8A62901	90 CANAL ST. SUMP	WATER	08/27/2008	10:00	08/29/2008	17:35
A8A62905	DUP082808	SOIL	08/28/2008	10:25	08/29/2008	17:35
A8A71302	EB 082908	WATER	08/29/2008	16:00	09/02/2008	15:05
A8A71802	EB 090208	WATER	09/02/2008	12:00	09/03/2008	15:15
A8A47508	EB082508	WATER	08/25/2008	18:00	08/27/2008	14:40
A8A47509	EB082608	WATER	08/26/2008	18:30	08/27/2008	14:40
A8A62902	EB082808	WATER	08/28/2008	13:00	08/29/2008	17:35
A8A71301	MW-8 S2 4-6	SOIL	08/29/2008	12:00	09/02/2008	15:05
A8A71801	MW-9 S3,4-5	SOIL	09/02/2008	09:20	09/03/2008	15:15
A8A71801MS	MW-9 S3,4-5	SOIL	09/02/2008	09:20	09/03/2008	15:15
A8A71801SD	MW-9 S3,4-5	SOIL	09/02/2008	09:20	09/03/2008	15:15
A8A47507	SB-20-S1(4-6)	SOIL	08/26/2008	15:00	08/27/2008	14:40
A8A62903	SB-21 S1-0.5-2.5	SOIL	08/28/2008	09:30	08/29/2008	17:35
A8A62904	SB-21 S4-6.5-8.5	SOIL	08/28/2008	10:25	08/29/2008	17:35
A8A71803	TB 090208	WATER	09/02/2008	00:00	09/03/2008	15:15
A8A47510	TB082508	WATER	08/25/2008	08:00	08/27/2008	14:40
A8A62906	TB082808	WATER	08/28/2008	00:00	08/29/2008	17:35
A8A47501	TP1-S1(10-11)	SOIL	08/25/2008	11:00	08/27/2008	14:40
A8A47502	TP2-S1(1-3)	SOIL	08/25/2008	13:00	08/27/2008	14:40
A8A47503	TP2-S2(8-10)	SOIL	08/25/2008	13:30	08/27/2008	14:40
A8A47504	TP3-S1(4-6)	SOIL	08/25/2008	14:40	08/27/2008	14:40
A8A47505	TP3-S2(7-9)	SOIL	08/25/2008	15:00	08/27/2008	14:40
A8A47506	TP4-S1(8-10)	SOIL	08/25/2008	16:50	08/27/2008	14:40
A8A71303	Trip Blank	WATER	08/29/2008		09/02/2008	15:05

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

METHODS SUMMARY

Job#: A08-A475,A08-A629,A08-A713,A08-A718

Project#: NY3A9052
SDG#: A475
Site Name: Rochester Gas & Electric

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	SW8463 9012
Cyanide - Total	SW8463 9012A

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

The results presented in this report relate only to the analytical testing and conditions of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

SDG NARRATIVE

Job#: A08-A475,A08-A629,A08-A713,A08-A718

Project#: NY3A9052
SDG#: A475
Site Name: Rochester Gas & Electric

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-A475
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
No volume was received for cyanide analysis but it was requested on th COC. Poured off in Sample Control into preserved NaOH bottles.

A08-A629
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

A08-A713
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

A08-A718
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

GC/MS Volatile Data

The analyte Methylene Chloride was detected in the Method Blanks VBLK01 (A8B2152302), VBLK08 (A8B2170302) and VBLK10 (A8B2178004) at a level above the project established reporting limit. The associated samples had similar levels of Methylene Chloride to that of the Method Blank value. All sample detections for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

The spike recovery of the analytes Trichloroethene, Benzene, Toluene and Chlorobenzene in the Matrix Spike and in the Matrix spike Duplicate of sample MW-9 S3,4-5 fell below quality control limits. The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate of sample MW-9 S3,4-5 exceeded quality control limits for the analyte 1,1-Dichloroethene. The associated Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000550-1, A8I0000618-1, A8I0000621-1, A8I0000635-1, A8I0000654-1 and A8I0000663-1.

For method 8260, all water samples were preserved to a pH less than 2.

GC/MS Semivolatile Data

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000562-1, A8I0000579-1 and A8I0000599-1.

Linear regression was used to calibrate all analytes, with the exception of Benzo(k)fluoranthene, that were greater than 15% RSD in the initial calibration standard curve A8I0000619-. A quadratic equation was used to calibrate the analyte Benzo(k)fluoranthene that was greater than 15% RSD in the initial calibration standard curve A8I0000619-1.

Linear regression was used to calibrate all analytes, with the exception of 2,4-Dinitrophenol, that were greater than 15% RSD in the initial calibration standard curve A8I0000639-1. A quadratic equation was used to calibrate the analyte 2,4-Dinitrophenol that was greater than 15% RSD in the initial calibration standard curve A8I0000639-1.

The continuing calibration verification standard A8C00002212-1 exhibited the percent Difference (%D) as greater than 20% on the Form VII for the analyte Pentachlorophenol. However since this analyte was calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 8.5%. No corrective action was required.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Metals Data

The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Calcium and Manganese (SD). The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limit for Iron. The sample results were more than four times greater than the spike added. However, the LCS was acceptable.

The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limit for Aluminum. The recoveries of sample MW-9 S3, 4-5 Matrix Spike and Matrix Spike Duplicate exhibited results above the quality control limits for Antimony (MS) and Magnesium (SD). Sample matrix was suspect. However, the LCS was acceptable.

The CCVs, analyzed at 15:25, 17:26, and 18:29, exhibited results below the quality control limit for Potassium. However, the samples were bracketed by compliant CCV's, therefore, no corrective action was necessary.

The CCV recovery, analyzed at 07:07, for Beryllium, in Method 6010 was above the quality control limit. However, since the target analyte was non-detect in samples 90 CANAL ST. SUMP and EB082808 and the high recovery would yield a high bias, no further corrective action was necessary.

The Serial Dilution of sample MW-9 S3, 4-5 exceeded the quality control limits for Barium, Calcium, Chromium, Copper, Magnesium, Nickel, Potassium, and Vanadium. However, the Post Spike was compliant for these elements. Therefore, no corrective action was necessary.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

9/27/08
Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Chain of Custody Documentation

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

custody seal No. 125139

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Haley + Aldrich	Glenn White	8/27/08	087301
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
200 Town Centre Drive Suite 2	585.321.4239		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Rochester / NY / 14623	S. Poff	P. Morrow	
Project Name and Location (State)	**Carrier/Waybill Number**		
Canal Street Former MGP Site (NY)			
Contract/Purchase Order/Quote No.			
33879-007			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOCs 8260	TCL SVOCs 8270	TAL metals	TAL cyanide	Special Instructions/ Conditions of Receipt
TB082508	8/25/08	800		X						X			X				Trip Blank
TP1-S1 (10-11')	8/25/08	1100				X	3						X	X	X	X	
TP2-S1 (1-3')	"	1300				X	2						X	X	X	X	
TP2-S2 (8-10')	"	1330				X	3						X	X	X	X	
TP3-S1 (4-6')	"	1440				X	3						X	X	X	X	
TP3-S2 (7-9')	"	1500				X	3						X	X	X	X	
TP4-S1 (8-10')	"	1650				X	3						X	X	X	X	
SB-20-S1 (4-6')	8/26/08	1500				X	2						X	X	X	X	
EB082508	8/25/08	1800		X			1		1	2			X	X	X	X	Equipment Blank
EB082608	8/26/08	1830		X			1		1	2			X	X	X	X	" "

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Bethany Zimmi (to courier)	8/27/08	1300	1. Received By	8/27/08	1440
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2.0°

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

372/3648

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
Hanley & Aldrich, Inc.	G. White	8/29/08	087303
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
200 Town Centre Dr. Suite 2	585.321.42.39		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Rochester / NY / 14623	S. Paff	P. Morrow	
Project Name and Location (State)	**Carrier/Waybill Number**		
Canal St. Former MGP Site (NY)			
Contract/Purchase Order/Quote No.			
338791-007			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8270	8260	TAL METALS	TAL CN	6010 SUITE	PCB 8082	6W 8/29/08	Special Instructions/ Conditions of Receipt
90 CANAL St. - SUMP	8/27/08	1000		X			1		1	2	1		X	X	X	X				
EB082808	8/28/08	1300		X			1		1	2	1		X	X	X	X				Equipment Blank
SB-21 S1-0.5-2.5	↓	0930				X							X	X	X	X	X	X	6W 8/29/08	
SB-21 S4-6.5-8.5	↓	1025				X							X	X	X	X	X			
DUP082808	↓	↓				X							X	X	X	X	X			Duplicate
TB 082808	↓									1				X						Trip Blank

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By (to courier)	8/29/08	2:25 PM	1. Received By Fred McGee	8/29/08	
2. Relinquished By			2. Received By	8/29/08	1735
3. Relinquished By			3. Received By		

Comments

2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

373/3648

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
HALEY & ALDRICH, INC.	G. WHITE	8 9-2-08	087304
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
200 TOWN CENTRE DR.	585-321-4239		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ROCHESTER / NY / 14623	S. POFF	P. MORROW	
Project Name and Location (State)	**Carrier/Waybill Number**		
CANAL ST. FORMER MGP SITE			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8270 TCL	8260 TCL	TAL METALS	CN	Special Instructions/ Conditions of Receipt
MW-8, S2, 4'-6'	8-29-08	1200				X	2						X	X	X	X	
EB 082908	8-29-08	1600		X			1		1	2	1		X	X	X	X	EQUIPMENT BLANK
TB 082908				X										X			TRIP BLANK

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)

		Date	Time
1. Relinquished By	(to courier)	9-2-08	1255
2. Relinquished By	PDQ-courier	09/02/08	1505
3. Relinquished By			
1. Received By		9-2-08	1215
2. Received By		09/02/08	1505
3. Received By			

Comments

2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

374/3648

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
HALEY & ALDRICH, INC	G. WHITE	9-3-08	087305
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
200 TOWN CENTRE DR	585-321-4239		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
ROCHESTER / NY / 14623	S. PUFF	P. MORROW	
Project Name and Location (State)	**Carrier/Waybill Number**		
CANAL ST FORMER MGP SITE			
Contract/Purchase Order/Quote No.			
33879-007			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8270 TCL	8260 TCL	TAL METALS	TOTAL CN	Special Instructions/ Conditions of Receipt
MW-9 S3, 4'-5'	9-2-08	0920				X	2						X	X	X	X	
MW-9, S3, 4'-5' (MS/MSD)	9-2-08	0920				X	2						X	X	X	X	MS/MSD
EB 090208	9-2-08	1200		X			1		1	2	1		X	X	X	X	EQUIPMENT BLANK
TB 090208				X			1			1				X			TRIP BLANK

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)

	Date	Time
1. Relinquished By: G L A W H	9-3-08	
2. Relinquished By:		
3. Relinquished By:		

	Date	Time
1. Received By:	9/3/08	13:54
2. Received By:	9/3/08	1515
3. Received By:		

Comments

2.0 C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

375/3648

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # A718

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 86293 **Project / Task** _____ / _____

TAT_____ BD/ 21 CD # OF SAMPLES 3 TRIP BLANK Y/N # 1

SHIPPED BY FAUC IP	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	9/3/08 15:15

COOLER TEMP 2.0 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # —

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO **LAB**_____ **SM #** —

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

PRESERVATION CHECKED YES___ NO X NA___ **Initials** _____

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** _____

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** _____

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # A313

Shipment ID_____ **Strict Internal COC:** YES (NO)

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 86293 **Project / Task** NYSA9052 / 43

TAT_____BD/21 CD # OF SAMPLES 2 TRIP BLANK (Y/N) # 1

SHIPPED BY Walk In	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	9/2/08 15:05

COOLER TEMP 2.0°C (<6 °C) (OK) NO

Cooler Custody Seal intact? (YES)/NO NONE SEAL # —

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/(NO) **LAB**_____ **SM #**_____

COMMENTS: SAMPLE TIME (ACTUAL) +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

PRESERVATION CHECKED YES___ NO X NA___ **Initials** DC

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** DC

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** DC

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # A629

Shipment ID_____ **Strict Internal COC:** YES / (NO)

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 86293 **Project / Task** M3A905.2 / 47

TAT_____BD/21 CD # OF SAMPLES 5 TRIP BLANK (Y)N # 1

SHIPPED BY DELIVERED	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	8 / 29 / 08 17:35

COOLER TEMP 2-0 °C (<6 °C) (OK) NO

Cooler Custody Seal intact? YES/NO (NONE) SEAL # —

If NO to cooler temp or seal, PM notified? YES— (PM Name)

SUBCONTRACT YES/(NO) **LAB**— **SM #** —

COMMENTS: SAMPLE TIME (ACTUAL) +1HR +2 HR +3 HR NONE

Sample received outside hold time—

Headspace in VOA vials—

Problems with bottle labels—

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

—

—

—

PRESERVATION CHECKED YES___ NO___ NA___ **Initials** CB

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** CB

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** CB

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # A475

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 86293 **Project / Task** _____ / _____

TAT _____ BD/ 21 CD # OF SAMPLES 9 TRIP BLANK (Y)/N # 1

SHIPPED BY WALK IN	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	8/27/08 14:40

COOLER TEMP 2.0 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # —

If NO to cooler temp or seal, PM notified? YES _____ (PM Name)

SUBCONTRACT YES/~~NO~~ **LAB** _____ **SM #** _____

COMMENTS: SAMPLE TIME ~~ACTUAL~~ **+1HR** **+2 HR** **+3 HR** **NONE**

Sample received outside hold time _____

Headspace in VOA vials _____

Problems with bottle labels _____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

PRESERVATION CHECKED YES___ NO X NA___ **Initials** MM

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** MM

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** MM

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-A475
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 9

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
08/25/2008 11:00	08/27/2008 14:40	TP1-S1(10-11)	A8A47501	Good	2-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/25/2008 13:00	08/27/2008 14:40	TP2-S1(1-3)	A8A47502	Good	1-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/25/2008 13:30	08/27/2008 14:40	TP2-S2(8-10)	A8A47503	Good	2-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/25/2008 14:40	08/27/2008 14:40	TP3-S1(4-6)	A8A47504	Good	2-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/25/2008 15:00	08/27/2008 14:40	TP3-S2(7-9)	A8A47505	Good	2-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/25/2008 16:50	08/27/2008 14:40	TP4-S1(8-10)	A8A47506	Good	2-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/26/2008 15:00	08/27/2008 14:40	SB-20-S1(4-6)	A8A47507	Good	1-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/25/2008 18:00	08/27/2008 14:40	EB082508	A8A47508	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					2-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
08/26/2008 18:30	08/27/2008 14:40	EB082608	A8A47509	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					2-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
08/25/2008 08:00	08/27/2008 14:40	TB082508	A8A47510	Good	1-40mlV	TCL VOAS	RECNY	0103	<2

ample Custodian: _____ 8/27/20 _____

Analytical Services Coordinator: _____ / /20

380/3648

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

Job No: A08-A629
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 5

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
08/27/2008 10:00	08/29/2008 17:35	90 CANAL ST. SUMP	A8A62901	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					2-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
08/28/2008 13:00	08/29/2008 17:35	EB082808	A8A62902	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					2-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
08/28/2008 09:30	08/29/2008 17:35	SB-21 S1-0.5-2.5	A8A62903	Good	1-4ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
					1-8ozGW	VOLUME	RECNY	0100	
08/28/2008 10:25	08/29/2008 17:35	SB-21 S4-6.5-8.5	A8A62904	Good	1-4ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/28/2008 10:25	08/29/2008 17:35	DUP082808	A8A62905	Good	1-4ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/28/2008 00:00	08/29/2008 17:35	TB082808	A8A62906	Good	1-40mlV	TCL VOAS	RECNY	0103	<2

ample Custodian: CB 8/30/2008

Analytical Services Coordinator: ____/____/20

381/3648

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-A713
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 2

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
08/29/2008 12:00	09/02/2008 15:05	MW-8 S2 4-6	A8A71301	Good	1-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
08/29/2008 16:00	09/02/2008 15:05	EB 082908	A8A71302	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					2-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
08/29/2008	09/02/2008 15:05	Trip Blank	A8A71303	Good	1-40mlV	TCL VOAS	RECNY	0103	<2

ample Custodian: DC 9/3/2008

Analytical Services Coordinator: ____/____/20__

382/3648

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-A718
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 3

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
09/02/2008 09:20	09/03/2008 15:15	MW-9 S3,4-5	A8A71801	Good	1-8ozGW	T CN;TAL ME;TCL SVOS	RECNY	0100	
					1-2ozGW	TCL VOAS	RECNY	0100	
09/02/2008 09:20	09/03/2008 15:15	MW-9 S3,4-5	A8A71801MS	Good	1-8ozGW	T CN;TAL ME;TCL SVOS|(SHA	RECNY	0100	
					1-2ozGW	TCL VOAS(SHARE W/SD)	RECNY	0100	
09/02/2008 09:20	09/03/2008 15:15	MW-9 S3,4-5	A8A71801SD	Good					
09/02/2008 12:00	09/03/2008 15:15	EB 090208	A8A71802	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					2-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
09/02/2008 00:00	09/03/2008 15:15	TB 090208	A8A71803	Good	1-40mlV	TCL VOAS	RECNY	0103	<2

ample Custodian: _____ 9/3/2008

Analytical Services Coordinator: _____ /__/20

383/3648

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

8260 Volatiles

QC Summary

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	DUP082808	A8A62905	109		94		111							0
2	MSB01	A8B2152301	112		102		116							0
3	MSB08	A8B2170301	115		97		117							0
4	MSB10	A8B2178002	113		95		116							0
5	MW-8 S2 4-6	A8A71301	107		96		118							0
6	MW-9 S3,4-5	A8A71801	108		91		110							0
7	MW-9 S3,4-5	A8A71801MS	108		92		110							0
8	MW-9 S3,4-5	A8A71801SD	110		92		112							0
9	SB-20-S1(4-6)	A8A47507	107		94		111							0
10	SB-21 S1-0.5-2.5	A8A62903	108		93		111							0
11	SB-21 S4-6.5-8.5	A8A62904	109		93		112							0
12	TP1-S1(10-11)	A8A47501	108		94		111							0
13	TP2-S1(1-3)	A8A47502	104		98		118							0
14	TP2-S2(8-10)	A8A47503	108		93		110							0
15	TP3-S1(4-6)	A8A47504	108		95		112							0
16	TP3-S2(7-9)	A8A47505	109		96		112							0
17	TP4-S1(8-10)	A8A47506	106		97		110							0
18	VBLK01	A8B2152302	111		97		115							0
19	VBLK08	A8B2170302	111		90		115							0
20	VBLK10	A8B2178004	109		87		115							0

QC LIMITS

BFB = p-Bromofluorobenzene (72-126)
DCE = 1,2-Dichloroethane-D4 (61-136)
TOL = Toluene-D8 (71-125)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	90 CANAL ST. SUMP	A8A62901	94		96		102							0
2	EB 082908	A8A71302	101		123		99							0
3	EB 090208	A8A71802	108		108		113							0
4	EB082508	A8A47508	104		106		98							0
5	EB082608	A8A47509	103		109		97							0
6	EB082808	A8A62902	114		70		73							0
7	MSB26	A8B2194001	96		108		97							0
8	MSB27	A8B2207901	104		105		105							0
9	MSB49	A8B2171901	100		97		97							0
10	MSB56	A8B2199001	92		85		102							0
11	MSB64	A8B2190401	119		74		77							0
12	TB 090208	A8A71803	108		116		118							0
13	TB082508	A8A47510	101		109		96							0
14	TB082808	A8A62906	116		69		73							0
15	Trip Blank	A8A71303	98		120		96							0
16	VBLK26	A8B2194002	96		111		97							0
17	VBLK27	A8B2207902	103		103		110							0
18	VBLK49	A8B2171902	100		103		98							0
19	VBLK56	A8B2199002	94		91		103							0
20	VBLK64	A8B2190402	113		74		78							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (66-137)
TOL = Toluene-D8 (71-126)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2152302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK01 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	50.0	62.7	126		65 - 146
Trichloroethene	50.0	51.6	103		74 - 127
Benzene	50.0	50.2	100		74 - 127
Toluene	50.0	51.4	99		74 - 123
Chlorobenzene	50.0	53.0	106		76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2170302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK08 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	50.0	70.8	142		65 - 146
Trichloroethene	50.0	51.8	104		74 - 127
Benzene	50.0	51.7	103		74 - 127
Toluene	50.0	52.8	101		74 - 123
Chlorobenzene	50.0	55.0	110		76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2171902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK49

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	27.2	109		73 - 143
Trichloroethene	25.0	26.2	105		77 - 123
Benzene	25.0	25.1	100		76 - 121
Toluene	25.0	24.9	100		69 - 120
Chlorobenzene	25.0	24.7	99		73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2178004

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK10 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	61.4	123	65 - 146
Trichloroethene	50.0	50.4	101	74 - 127
Benzene	50.0	49.9	100	74 - 127
Toluene	50.0	51.7	101	74 - 123
Chlorobenzene	50.0	53.5	107	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2190402

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK64

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	28.0	112	73 - 143
Trichloroethene	25.0	24.3	97	77 - 123
Benzene	25.0	22.6	90	76 - 121
Toluene	25.0	22.1	88	69 - 120
Chlorobenzene	25.0	23.0	92	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2194002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK26

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	28.7	115		73 - 143
Trichloroethene	25.0	23.3	93		77 - 123
Benzene	25.0	24.3	97		76 - 121
Toluene	25.0	24.4	98		69 - 120
Chlorobenzene	25.0	23.3	93		73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2199002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK56

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.1	100	73 - 143
Trichloroethene	25.0	23.5	94	77 - 123
Benzene	25.0	24.2	97	76 - 121
Toluene	25.0	24.2	97	69 - 120
Chlorobenzene	25.0	23.8	95	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2207902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: VBLK27

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	29.9	120	73 - 143
Trichloroethene	25.0	27.6	111	77 - 123
Benzene	25.0	26.3	105	76 - 121
Toluene	25.0	26.2	105	69 - 120
Chlorobenzene	25.0	25.9	104	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8A71801

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: MW-9 S3,4-5 Level:(low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	55.6	0	50.3	90	65 - 146
Trichloroethene	55.6	0	38.4	69 *	74 - 127
Benzene	55.6	0	39.4	71 *	74 - 127
Toluene	55.6	0	38.4	69 *	74 - 123
Chlorobenzene	55.6	0	40.7	73 *	76 - 124

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	55.6	37.8	68	28 *	22	65 - 146
Trichloroethene	55.6	33.8	61 *	12	24	74 - 127
Benzene	55.6	34.3	62 *	14	25	74 - 127
Toluene	55.6	34.0	61 *	12	25	74 - 123
Chlorobenzene	55.6	35.8	64 *	13	25	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 5 outside limits
Spike recovery: 8 out of 10 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4169.RR Lab Sample ID: A8B2152302

Date Analyzed: 08/28/2008 Time Analyzed: 12:33

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB01	A8B2152301	F4166.RR	11:16
2	SB-20-S1(4-6)	A8A47507	F4183.RR	18:37
3	TP1-S1(10-11)	A8A47501	F4177.RR	16:05
4	TP2-S1(1-3)	A8A47502	F4178.RR	16:30
5	TP2-S2(8-10)	A8A47503	F4179.RR	16:55
6	TP3-S1(4-6)	A8A47504	F4180.RR	17:21
7	TP3-S2(7-9)	A8A47505	F4181.RR	17:46
8	TP4-S1(8-10)	A8A47506	F4182.RR	18:12

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4238.RR Lab Sample ID: A8B2170302

Date Analyzed: 09/03/2008 Time Analyzed: 11:24

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	DUP082808	A8A62905	F4247.RR	15:13
2	MSB08	A8B2170301	F4236.RR	10:33
3	SB-21 S1-0.5-2.5	A8A62903	F4245.RR	14:23
4	SB-21 S4-6.5-8.5	A8A62904	F4246.RR	14:48

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0710.RR Lab Sample ID: A8B2171902

Date Analyzed: 09/03/2008 Time Analyzed: 11:32

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB082508	A8A47508	P0720.RR	16:17
2	EB082608	A8A47509	P0721.RR	16:45
3	MSB49	A8B2171901	P0708.RR	10:36
4	TB082508	A8A47510	P0722.RR	17:13

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4255.RR Lab Sample ID: A8B2178004

Date Analyzed: 09/04/2008 Time Analyzed: 12:05

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB10	A8B2178002	F4253.RR	11:14
2	MW-8 S2 4-6	A8A71301	F4263.RR	15:28
3	MW-9 S3,4-5	A8A71801	F4267.RR	17:09
4	MW-9 S3,4-5	A8A71801MS	F4268.RR	17:34
5	MW-9 S3,4-5	A8A71801SD	F4269.RR	17:59

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: Q9959.RR Lab Sample ID: A8B2190402

Date Analyzed: 09/06/2008 Time Analyzed: 15:18

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973Q

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB082808	A8A62902	Q9971.RR	21:09
2	MSB64	A8B2190401	Q9956.RR	13:52
3	TB082808	A8A62906	Q9972.RR	21:38

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: S7561.RR Lab Sample ID: A8B2194002

Date Analyzed: 09/07/2008 Time Analyzed: 10:40

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB 082908	A8A71302	S7580.RR	18:29
2	MSB26	A8B2194001	S7560.RR	10:16
3	Trip Blank	A8A71303	S7581.RR	18:53

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0847.RR Lab Sample ID: A8B2199002

Date Analyzed: 09/08/2008 Time Analyzed: 19:26

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	90 CANAL ST. SUMP	A8A62901	P0851.RR	21:30
2	MSB56	A8B2199001	P0845.RR	18:30

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: N0844.RR Lab Sample ID: A8B2207902

Date Analyzed: 09/09/2008 Time Analyzed: 10:33

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB 090208	A8A71802	N0845.RR	11:03
2	MSB27	A8B2207901	N0842.RR	09:45
3	TB 090208	A8A71803	N0846.RR	11:27

Comments: _____

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002419

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F3901 BFB Injection Date: 08/18/2008

Instrument ID: HP5973F BFB Injection Time: 21:25

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	15.4		
75	30.0 - 60.0% of mass 95	41.2		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.7		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	82.1		
175	5.0 - 9.0% of mass 174	6.2	(7.5)	1
176	95.0 - 101.0% of mass 174	81.4	(99.1)	1
177	5.0 - 9.0% of mass 176	5.3	(6.5)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD005	A8I0000621-1	F3903.RR	08/18/2008	22:20
2	VSTD020	A8I0000621-1	F3904.RR	08/18/2008	22:46
3	VSTD050	A8I0000621-1	F3905.RR	08/18/2008	23:11
4	VSTD100	A8I0000621-1	F3906.RR	08/18/2008	23:37
5	VSTD200	A8I0000621-1	F3907.RR	08/19/2008	00:02

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002542

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4164 BFB Injection Date: 08/28/2008

Instrument ID: HP5973F BFB Injection Time: 10:10

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	16.1		
75	30.0 - 60.0% of mass 95	43.8		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.7		
173	Less than 2.0% of mass 174	0.4	(0.4)	1
174	50 - 120 % of mass 95	91.6		
175	5.0 - 9.0% of mass 174	6.7	(7.3)	1
176	95.0 - 101.0% of mass 174	88.8	(96.9)	1
177	5.0 - 9.0% of mass 176	5.9	(6.7)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A8C0002166-1	F4165.RR	08/28/2008	10:39
2	MSB01	A8B2152301	F4166.RR	08/28/2008	11:16
3	VBLK01	A8B2152302	F4169.RR	08/28/2008	12:33
4	TP1-S1(10-11)	A8A47501	F4177.RR	08/28/2008	16:05
5	TP2-S1(1-3)	A8A47502	F4178.RR	08/28/2008	16:30
6	TP2-S2(8-10)	A8A47503	F4179.RR	08/28/2008	16:55
7	TP3-S1(4-6)	A8A47504	F4180.RR	08/28/2008	17:21
8	TP3-S2(7-9)	A8A47505	F4181.RR	08/28/2008	17:46
9	TP4-S1(8-10)	A8A47506	F4182.RR	08/28/2008	18:12
10	SB-20-S1(4-6)	A8A47507	F4183.RR	08/28/2008	18:37

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002574

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4234 BFB Injection Date: 09/03/2008

Instrument ID: HP5973F BFB Injection Time: 09:41

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	15.4		
75	30.0 - 60.0% of mass 95	41.5		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.2		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	81.2		
175	5.0 - 9.0% of mass 174	6.4	(7.9)	1
176	95.0 - 101.0% of mass 174	78.5	(96.7)	1
177	5.0 - 9.0% of mass 176	5.0	(6.4)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A8C0002194-1	F4235.RR	09/03/2008	10:02
2	MSB08	A8B2170301	F4236.RR	09/03/2008	10:33
3	VBLK08	A8B2170302	F4238.RR	09/03/2008	11:24
4	SB-21 S1-0.5-2.5	A8A62903	F4245.RR	09/03/2008	14:23
5	SB-21 S4-6.5-8.5	A8A62904	F4246.RR	09/03/2008	14:48
6	DUP082808	A8A62905	F4247.RR	09/03/2008	15:13

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002586

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: F4251 BFB Injection Date: 09/04/2008

Instrument ID: HP5973F BFB Injection Time: 10:24

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	15.2		
75	30.0 - 60.0% of mass 95	43.2		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.5		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	85.9		
175	5.0 - 9.0% of mass 174	6.7	(7.8)	1
176	95.0 - 101.0% of mass 174	85.6	(99.7)	1
177	5.0 - 9.0% of mass 176	6.6	(7.7)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A8C0002206-1	F4252.RR	09/04/2008	10:48
2	MSB10	A8B2178002	F4253.RR	09/04/2008	11:14
3	VBLK10	A8B2178004	F4255.RR	09/04/2008	12:05
4	MW-8 S2 4-6	A8A71301	F4263.RR	09/04/2008	15:28
5	MW-9 S3,4-5	A8A71801	F4267.RR	09/04/2008	17:09
6	MW-9 S3,4-5	A8A71801MS	F4268.RR	09/04/2008	17:34
7	MW-9 S3,4-5	A8A71801SD	F4269.RR	09/04/2008	17:59

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002607

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: N0814 BFB Injection Date: 09/05/2008

Instrument ID: HP5973N BFB Injection Time: 15:07

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	19.8		
75	30.0 - 60.0% of mass 95	48.3		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.3		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	86.4		
175	5.0 - 9.0% of mass 174	6.3	(7.3)	1
176	95.0 - 101.0% of mass 174	86.7	(100.4)	1
177	5.0 - 9.0% of mass 176	5.0	(5.8)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000654-1	N0816.RR	09/05/2008	15:53
2	VSTD005	A8I0000654-1	N0817.RR	09/05/2008	16:17
3	VSTD010	A8I0000654-1	N0818.RR	09/05/2008	16:41
4	VSTD025	A8I0000654-1	N0819.RR	09/05/2008	17:05
5	VSTD050	A8I0000654-1	N0820.RR	09/05/2008	17:29
6	VSTD100	A8I0000654-1	N0821.RR	09/05/2008	17:53

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002646

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: N0840 BFB Injection Date: 09/09/2008

Instrument ID: HP5973N BFB Injection Time: 08:49

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	21.5		
75	30.0 - 60.0% of mass 95	49.9		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.7		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	86.1		
175	5.0 - 9.0% of mass 174	5.6	(6.5)	1
176	95.0 - 101.0% of mass 174	84.2	(97.8)	1
177	5.0 - 9.0% of mass 176	5.1	(6.0)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002262-1	N0841.RR	09/09/2008	09:08
2	MSB27	A8B2207901	N0842.RR	09/09/2008	09:45
3	VBLK27	A8B2207902	N0844.RR	09/09/2008	10:33
4	EB 090208	A8A71802	N0845.RR	09/09/2008	11:03
5	TB 090208	A8A71803	N0846.RR	09/09/2008	11:27

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002142

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P9603 BFB Injection Date: 07/23/2008

Instrument ID: HP5973P BFB Injection Time: 15:50

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	30.1		
75	30.0 - 60.0% of mass 95	52.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.4		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	65.0		
175	5.0 - 9.0% of mass 174	4.4	(6.8)	1
176	95.0 - 101.0% of mass 174	63.8	(98.2)	1
177	5.0 - 9.0% of mass 176	4.4	(6.9)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000550-1	P9604.RR	07/23/2008	16:14
2	VSTD010	A8I0000550-1	P9606.RR	07/23/2008	17:10
3	VSTD025	A8I0000550-1	P9607.RR	07/23/2008	17:38
4	VSTD050	A8I0000550-1	P9608.RR	07/23/2008	18:06
5	VSTD100	A8I0000550-1	P9609.RR	07/23/2008	18:34

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002576

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0706 BFB Injection Date: 09/03/2008

Instrument ID: HP5973P BFB Injection Time: 09:36

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	30.3		
75	30.0 - 60.0% of mass 95	51.3		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.5		
173	Less than 2.0% of mass 174	0.1	(0.2)	1
174	50 - 120 % of mass 95	71.4		
175	5.0 - 9.0% of mass 174	4.9	(6.9)	1
176	95.0 - 101.0% of mass 174	68.1	(95.4)	1
177	5.0 - 9.0% of mass 176	4.6	(6.8)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002197-1	P0707.RR	09/03/2008	10:00
2	MSB49	A8B2171901	P0708.RR	09/03/2008	10:36
3	VBLK49	A8B2171902	P0710.RR	09/03/2008	11:32
4	EB082508	A8A47508	P0720.RR	09/03/2008	16:17
5	EB082608	A8A47509	P0721.RR	09/03/2008	16:45
6	TB082508	A8A47510	P0722.RR	09/03/2008	17:13

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002619

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0832 BFB Injection Date: 09/08/2008

Instrument ID: HP5973P BFB Injection Time: 11:27

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	18.9		
75	30.0 - 60.0% of mass 95	56.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.7		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	70.6		
175	5.0 - 9.0% of mass 174	5.6	(7.9)	1
176	95.0 - 101.0% of mass 174	70.7	(100.2)	1
177	5.0 - 9.0% of mass 176	4.9	(6.9)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000663-1	P0834.RR	09/08/2008	12:19
2	VSTD010	A8I0000663-1	P0835.RR	09/08/2008	12:47
3	VSTD025	A8I0000663-1	P0836.RR	09/08/2008	13:15
4	VSTD050	A8I0000663-1	P0837.RR	09/08/2008	13:43
5	VSTD100	A8I0000663-1	P0838.RR	09/08/2008	14:11

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002633

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: P0842 BFB Injection Date: 09/08/2008

Instrument ID: HP5973P BFB Injection Time: 16:59

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	18.8		
75	30.0 - 60.0% of mass 95	55.9		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.5		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	74.2		
175	5.0 - 9.0% of mass 174	5.9	(8.0)	1
176	95.0 - 101.0% of mass 174	71.1	(95.8)	1
177	5.0 - 9.0% of mass 176	5.1	(7.2)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002250-1	P0843.RR	09/08/2008	17:24
2	MSB56	A8B2199001	P0845.RR	09/08/2008	18:30
3	VBLK56	A8B2199002	P0847.RR	09/08/2008	19:26
4	90 CANAL ST. SUMP	A8A62901	P0851.RR	09/08/2008	21:30

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002406

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: Q9556 BFB Injection Date: 08/16/2008

Instrument ID: HP5973Q BFB Injection Time: 11:22

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	26.1		
75	30.0 - 60.0% of mass 95	41.9		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.4		
173	Less than 2.0% of mass 174	0.5	(0.6)	1
174	50 - 120 % of mass 95	83.3		
175	5.0 - 9.0% of mass 174	6.2	(7.4)	1
176	95.0 - 101.0% of mass 174	81.6	(98.0)	1
177	5.0 - 9.0% of mass 176	5.4	(6.6)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000618-1	Q9558.RR	08/16/2008	12:20
2	VSTD005	A8I0000618-1	Q9559.RR	08/16/2008	12:49
3	VSTD010	A8I0000618-1	Q9560.RR	08/16/2008	13:17
4	VSTD025	A8I0000618-1	Q9561.RR	08/16/2008	13:46
5	VSTD050	A8I0000618-1	Q9562.RR	08/16/2008	14:15
6	VSTD100	A8I0000618-1	Q9563.RR	08/16/2008	14:43

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002616

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: Q9954 BFB Injection Date: 09/06/2008

Instrument ID: HP5973Q BFB Injection Time: 12:49

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	29.3		
75	30.0 - 60.0% of mass 95	46.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.8		
173	Less than 2.0% of mass 174	0.7	(0.7)	1
174	50 - 120 % of mass 95	98.9		
175	5.0 - 9.0% of mass 174	6.1	(6.2)	1
176	95.0 - 101.0% of mass 174	94.6	(95.7)	1
177	5.0 - 9.0% of mass 176	6.4	(6.8)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002234-1	Q9955.RR	09/06/2008	13:24
2	MSB64	A8B2190401	Q9956.RR	09/06/2008	13:52
3	VBLK64	A8B2190402	Q9959.RR	09/06/2008	15:18
4	EB082808	A8A62902	Q9971.RR	09/06/2008	21:09
5	TB082808	A8A62906	Q9972.RR	09/06/2008	21:38

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002488

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: S7125 BFB Injection Date: 08/24/2008

Instrument ID: HP5973S BFB Injection Time: 11:46

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	22.7		
75	30.0 - 60.0% of mass 95	50.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.5		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	67.5		
175	5.0 - 9.0% of mass 174	5.3	(7.8)	1
176	95.0 - 101.0% of mass 174	64.9	(96.2)	1
177	5.0 - 9.0% of mass 176	4.4	(6.8)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD005	A8I0000635-1	S7128.RR	08/24/2008	12:52
2	VSTD010	A8I0000635-1	S7129.RR	08/24/2008	13:15
3	VSTD025	A8I0000635-1	S7130.RR	08/24/2008	13:38
4	VSTD050	A8I0000635-1	S7131.RR	08/24/2008	14:01
5	VSTD100	A8I0000635-1	S7132.RR	08/24/2008	14:24
6	VSTD001	A8I0000635-1	S7135.RR	08/24/2008	15:43

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002622

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: S7556 BFB Injection Date: 09/07/2008

Instrument ID: HP5973S BFB Injection Time: 08:24

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	22.0		
75	30.0 - 60.0% of mass 95	52.2		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.3		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	64.5		
175	5.0 - 9.0% of mass 174	4.2	(6.5)	1
176	95.0 - 101.0% of mass 174	61.7	(95.7)	1
177	5.0 - 9.0% of mass 176	3.9	(6.4)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002238-1	S7559.RR	09/07/2008	09:33
2	MSB26	A8B2194001	S7560.RR	09/07/2008	10:16
3	VBLK26	A8B2194002	S7561.RR	09/07/2008	10:40
4	EB 082908	A8A71302	S7580.RR	09/07/2008	18:29
5	Trip Blank	A8A71303	S7581.RR	09/07/2008	18:53

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002166

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): F4165.RR Date Analyzed: 08/28/2008

Instrument ID: HP5973F Time Analyzed: 10:39

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	340390		6.96		389515		9.41		775449		4.34	
	UPPER LIMIT	680780		7.46		779030		9.91		1550898		4.84	
	LOWER LIMIT	170195		6.46		194758		8.91		387725		3.84	
	CLIENT SAMPLE	Lab Sample ID											
1	MSB01	A8B2152301		330230		6.96		377467		9.41		752788		4.34	
2	SB-20-S1(4-6)	A8A47507		326311		6.96		367430		9.41		747589		4.34	
3	TP1-S1(10-11)	A8A47501		336847		6.96		381261		9.41		765956		4.35	
4	TP2-S1(1-3)	A8A47502		292894		6.96		274270		9.41		716552		4.35	
5	TP2-S2(8-10)	A8A47503		336088		6.96		378808		9.41		768321		4.34	
6	TP3-S1(4-6)	A8A47504		334352		6.96		378875		9.41		760248		4.34	
7	TP3-S2(7-9)	A8A47505		331678		6.96		378125		9.41		752769		4.34	
8	TP4-S1(8-10)	A8A47506		267467		6.96		297837		9.41		604205		4.34	
9	VBLK01	A8B2152302		322317		6.96		362368		9.41		723505		4.34	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002194

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): F4235.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973F Time Analyzed: 10:02

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		345574		6.96		390289		9.41		819636		4.34	
	UPPER LIMIT		691148		7.46		780578		9.91		1639272		4.84	
	LOWER LIMIT		172787		6.46		195145		8.91		409818		3.84	
	CLIENT SAMPLE	Lab Sample ID												
1	DUP082808	A8A62905	341528		6.96		374380		9.41		799997		4.34	
2	MSB08	A8B2170301	336910		6.96		376103		9.41		790344		4.34	
3	SB-21 S1-0.5-2.5	A8A62903	346719		6.96		377200		9.41		810731		4.34	
4	SB-21 S4-6.5-8.5	A8A62904	342291		6.96		367940		9.41		808733		4.34	
5	VBLK08	A8B2170302	335429		6.96		370321		9.41		795015		4.34	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002206

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): F4252.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973F Time Analyzed: 10:48

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	349739		6.96		387166		9.41		820599		4.34	
	UPPER LIMIT	699478		7.46		774332		9.91		1641198		4.84	
	LOWER LIMIT	174870		6.46		193583		8.91		410300		3.84	
	CLIENT SAMPLE	Lab Sample ID											
1	MSB10	A8B2178002		6.96		369612		9.41		781753		4.35	
2	MW-8 S2 4-6	A8A71301		6.96		289772		9.41		759563		4.35	
3	MW-9 S3,4-5	A8A71801		6.96		381038		9.41		806569		4.34	
4	MW-9 S3,4-5	A8A71801MS		6.96		377261		9.41		808670		4.34	
5	MW-9 S3,4-5	A8A71801SD		6.96		379077		9.41		798041		4.34	
6	VBLK10	A8B2178004		6.96		375434		9.41		804348		4.34	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002262

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): N0841.RR Date Analyzed: 09/09/2008

Instrument ID: HP5973N Time Analyzed: 09:08

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		285209		8.41		159978		10.79		308161		5.55	
	UPPER LIMIT		570418		8.91		319956		11.29		616322		6.05	
	LOWER LIMIT		142605		7.91		79989		10.29		154081		5.05	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 090208	A8A71802	262102		8.41		136749		10.79		289428		5.55	
2	MSB27	A8B2207901	306000		8.41		164487		10.79		323799		5.55	
3	TB 090208	A8A71803	245592		8.41		124554		10.79		268014		5.55	
4	VBLK27	A8B2207902	278658		8.41		147811		10.79		306627		5.55	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002197

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): P0707.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973P Time Analyzed: 10:00

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		568915		13.54		322420		16.91		620982		9.65	
	UPPER LIMIT		1137830		14.04		644840		17.41		1241964		10.15	
	LOWER LIMIT		284458		13.04		161210		16.41		310491		9.15	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082508	A8A47508	467574		13.54		265267		16.91		498692		9.66	
2	EB082608	A8A47509	456680		13.54		263214		16.91		491442		9.66	
3	MSB49	A8B2171901	564922		13.54		323164		16.91		617776		9.65	
4	TB082508	A8A47510	454647		13.54		256853		16.91		492345		9.66	
5	VBLK49	A8B2171902	507538		13.54		287817		16.91		557583		9.66	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002250

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): P0843.RR Date Analyzed: 09/08/2008

Instrument ID: HP5973P Time Analyzed: 17:24

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	704034		13.53		444569		16.91		819862		9.65	
	UPPER LIMIT	1408068		14.03		889138		17.41		1639724		10.15	
	LOWER LIMIT	352017		13.03		222285		16.41		409931		9.15	
	CLIENT SAMPLE	Lab Sample ID											
1	90 CANAL ST. SUMP	A8A62901		567471		13.54		363618		16.91		677902	9.66
2	MSB56	A8B2199001		708626		13.54		453389		16.91		827147	9.66
3	VBLK56	A8B2199002		637356		13.54		407870		16.91		757122	9.66

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002234

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): Q9955.RR Date Analyzed: 09/06/2008

Instrument ID: HP5973Q Time Analyzed: 13:24

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		611632		14.28		377495		17.65		663522		10.36	
	UPPER LIMIT		1223264		14.78		754990		18.15		1327044		10.86	
	LOWER LIMIT		305816		13.78		188748		17.15		331761		9.86	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082808	A8A62902	475569		14.28		262439		17.64		530392		10.35	
2	MSB64	A8B2190401	626926		14.28		371151		17.65		663278		10.35	
3	TB082808	A8A62906	467012		14.28		250675		17.64		513651		10.35	
4	VBLK64	A8B2190402	526531		14.28		287969		17.65		592717		10.36	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002238

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): S7559.RR Date Analyzed: 09/07/2008

Instrument ID: HP5973S Time Analyzed: 09:33

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	209677		7.19		157199		9.06		349138		5.00	
	UPPER LIMIT	419354		7.69		314398		9.56		698276		5.50	
	LOWER LIMIT	104839		6.69		78600		8.56		174569		4.50	
	CLIENT SAMPLE	Lab Sample ID											
1	EB 082908	A8A71302		160659	7.19		116784		9.06		274919		5.00
2	MSB26	A8B2194001		178853	7.19		141125		9.06		299221		4.99
3	Trip Blank	A8A71303		166123	7.19		120039		9.06		284985		5.00
4	VBLK26	A8B2194002		185285	7.19		132590		9.06		326558		5.00

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
Fraction: MV																
chester Gas & Electri	NY3A9052	47	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.36333	N		J	
chester Gas & Electri	NY3A9052	47	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.26495	N		J	
chester Gas & Electri	NY3A9052	47	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.33253	N		J	
chester Gas & Electri	NY3A9052	47	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.48465	N		J	
chester Gas & Electri	NY3A9052	47	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.53000	N		J	
chester Gas & Electri	NY3A9052	47	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.30900	N		J	
chester Gas & Electri	NY3A9052	47	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25113	N		J	
chester Gas & Electri	NY3A9052	47	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.41896	N		J	
chester Gas & Electri	NY3A9052	47	1,1-Dichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.58100	N		J	
chester Gas & Electri	NY3A9052	47	1,1-Dichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.27344	N		J	
chester Gas & Electri	NY3A9052	47	1,1-Dichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.61200	N		J	
chester Gas & Electri	NY3A9052	47	1,1-Dichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.29324	N		J	
chester Gas & Electri	NY3A9052	47	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.30424	N		J	
chester Gas & Electri	NY3A9052	47	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.40765	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.36553	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.46674	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dibromoethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.18984	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dibromoethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.41645	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.31556	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.40105	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25113	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.45794	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dichloropropane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25615	N		J	
chester Gas & Electri	NY3A9052	47	1,2-Dichloropropane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.33190	N		J	
chester Gas & Electri	NY3A9052	47	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.29733	N		J	
chester Gas & Electri	NY3A9052	47	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.33096	N		J	
chester Gas & Electri	NY3A9052	47	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.22912	N		J	
chester Gas & Electri	NY3A9052	47	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.36899	N		J	
chester Gas & Electri	NY3A9052	47	2-Butanone	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	25.00000	0.81200	Y	E	J	
chester Gas & Electri	NY3A9052	47	2-Butanone	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	5.00000	1.31800	N		J	
chester Gas & Electri	NY3A9052	47	2-Hexanone	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	25.00000	6.25000	Y	E	J	
chester Gas & Electri	NY3A9052	47	2-Hexanone	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	5.00000	1.25100	N		J	
chester Gas & Electri	NY3A9052	47	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	25.00000	6.25000	Y	E	J	
chester Gas & Electri	NY3A9052	47	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	5.00000	1.34600	N		J	
chester Gas & Electri	NY3A9052	47	Acetone	CDL	SW8463	8260	CTA34231	S	UG/KG	20.0000	25.00000	1.09700	Y	E	J	
chester Gas & Electri	NY3A9052	47	Acetone	CDL	SW8463	8260	CTA34232	W	UG/L	20.0000	5.00000	1.34500	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	TDL Protcl	TDL Method	T Test	M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	Benzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.54700	N		J	
chester Gas & Electri	NY3A9052	47	Benzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.35013	N		J	
chester Gas & Electri	NY3A9052	47	Bromodichloromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25710	N		J	
chester Gas & Electri	NY3A9052	47	Bromodichloromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.38565	N		J	
chester Gas & Electri	NY3A9052	47	Bromoform	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.46139	N		J	
chester Gas & Electri	NY3A9052	47	Bromoform	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.25741	N		J	
chester Gas & Electri	NY3A9052	47	Bromomethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.45888	N		J	
chester Gas & Electri	NY3A9052	47	Bromomethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.28161	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Disulfide	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.42871	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Disulfide	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	1.00000	0.23200	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Tetrachloride	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.68100	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Tetrachloride	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.26653	N		J	
chester Gas & Electri	NY3A9052	47	Chlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.51400	N		J	
chester Gas & Electri	NY3A9052	47	Chlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.31744	N		J	
chester Gas & Electri	NY3A9052	47	Chloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.36082	N		J	
chester Gas & Electri	NY3A9052	47	Chloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.32373	N		J	
chester Gas & Electri	NY3A9052	47	Chloroform	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.30896	N		J	
chester Gas & Electri	NY3A9052	47	Chloroform	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.33567	N		J	
chester Gas & Electri	NY3A9052	47	Chloromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.30200	N		J	
chester Gas & Electri	NY3A9052	47	Chloromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.34573	N		J	
chester Gas & Electri	NY3A9052	47	Cyclohexane	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.23000	N		J	
chester Gas & Electri	NY3A9052	47	Cyclohexane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.22000	N		J	
chester Gas & Electri	NY3A9052	47	Dibromochloromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.27627	N		J	
chester Gas & Electri	NY3A9052	47	Dibromochloromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.32247	N		J	
chester Gas & Electri	NY3A9052	47	Dichlorodifluoromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.41330	N		J	
chester Gas & Electri	NY3A9052	47	Dichlorodifluoromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.28538	N		J	
chester Gas & Electri	NY3A9052	47	Ethylbenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.34542	N		J	
chester Gas & Electri	NY3A9052	47	Ethylbenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.34416	N		J	
chester Gas & Electri	NY3A9052	47	Isopropylbenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.32781	N		J	
chester Gas & Electri	NY3A9052	47	Isopropylbenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.31870	N		J	
chester Gas & Electri	NY3A9052	47	Methyl acetate	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.99800	N		J	
chester Gas & Electri	NY3A9052	47	Methyl acetate	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	1.00000	0.44976	N		J	
chester Gas & Electri	NY3A9052	47	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.49100	N		J	
chester Gas & Electri	NY3A9052	47	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.28400	N		J	
chester Gas & Electri	NY3A9052	47	Methylcyclohexane	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.32404	N		J	
chester Gas & Electri	NY3A9052	47	Methylcyclohexane	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	1.00000	0.22100	N		J	
chester Gas & Electri	NY3A9052	47	Methylene chloride	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	2.20000	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	Methylene chloride	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.43845	N		J	
chester Gas & Electri	NY3A9052	47	Styrene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.24955	N		J	
chester Gas & Electri	NY3A9052	47	Styrene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.31367	N		J	
chester Gas & Electri	NY3A9052	47	Tetrachloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.29921	N		J	
chester Gas & Electri	NY3A9052	47	Tetrachloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.36490	N		J	
chester Gas & Electri	NY3A9052	47	Toluene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.84800	N		J	
chester Gas & Electri	NY3A9052	47	Toluene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.51000	N		J	
chester Gas & Electri	NY3A9052	47	Total Xylenes	CDL	SW8463	8260	CTA34231	S	UG/KG	15.0000	15.00000	2.93714	N		J	
chester Gas & Electri	NY3A9052	47	Total Xylenes	CDL	SW8463	8260	CTA34232	W	UG/L	15.0000	3.00000	0.93000	N		J	
chester Gas & Electri	NY3A9052	47	Trichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.34510	N		J	
chester Gas & Electri	NY3A9052	47	Trichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.32436	N		J	
chester Gas & Electri	NY3A9052	47	Trichlorofluoromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.55000	N		J	
chester Gas & Electri	NY3A9052	47	Trichlorofluoromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.15200	N		J	
chester Gas & Electri	NY3A9052	47	Vinyl chloride	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	10.00000	0.20398	Y	E	J	
chester Gas & Electri	NY3A9052	47	Vinyl chloride	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.24264	N		J	
chester Gas & Electri	NY3A9052	47	cis-1,2-Dichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.24641	N		J	
chester Gas & Electri	NY3A9052	47	cis-1,2-Dichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.36585	N		J	
chester Gas & Electri	NY3A9052	47	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.28538	N		J	
chester Gas & Electri	NY3A9052	47	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.35516	N		J	
chester Gas & Electri	NY3A9052	47	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.51577	N		J	
chester Gas & Electri	NY3A9052	47	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.33253	N		J	
chester Gas & Electri	NY3A9052	47	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.64200	N		J	
chester Gas & Electri	NY3A9052	47	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.36836	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0851.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	80	U
71-43-2	Benzene	20	U
75-27-4	Bromodichloromethane	20	U
75-25-2	Bromoform	20	U
74-83-9	Bromomethane	20	U
78-93-3	2-Butanone	40	U
75-15-0	Carbon Disulfide	40	U
56-23-5	Carbon Tetrachloride	20	U
108-90-7	Chlorobenzene	20	U
75-00-3	Chloroethane	20	U
67-66-3	Chloroform	20	U
74-87-3	Chloromethane	20	U
110-82-7	Cyclohexane	20	U
106-93-4	1,2-Dibromoethane	20	U
124-48-1	Dibromochloromethane	20	U
96-12-8	1,2-Dibromo-3-chloropropane	20	U
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
75-71-8	Dichlorodifluoromethane	20	U
75-34-3	1,1-Dichloroethane	20	U
107-06-2	1,2-Dichloroethane	20	U
75-35-4	1,1-Dichloroethene	20	U
156-59-2	cis-1,2-Dichloroethene	260	
156-60-5	trans-1,2-Dichloroethene	11	J
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
100-41-4	Ethylbenzene	20	U
591-78-6	2-Hexanone	40	U
98-82-8	Isopropylbenzene	20	U
79-20-9	Methyl acetate	40	U
108-87-2	Methylcyclohexane	40	U
75-09-2	Methylene chloride	20	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0851.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 4.00

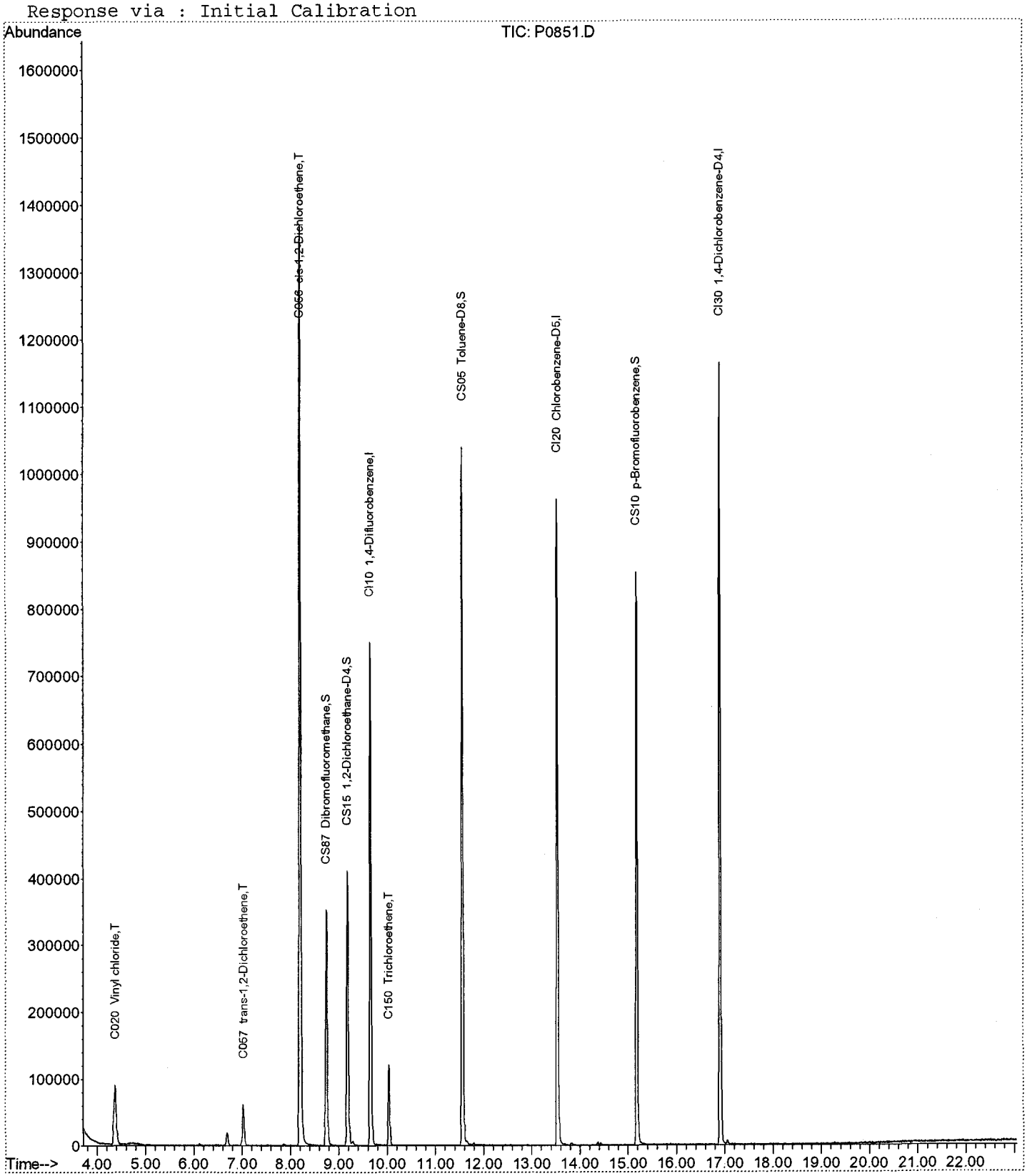
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	40	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	20	U
100-42-5	Styrene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
127-18-4	Tetrachloroethene	20	U
108-88-3	Toluene	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
71-55-6	1,1,1-Trichloroethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U
75-69-4	Trichlorofluoromethane	20	U
79-01-6	Trichloroethene	19	J
75-01-4	Vinyl chloride	68	
1330-20-7	Total Xylenes	60	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0851.D Vial: 4
Acq On : 8 Sep 2008 21:30 Operator: CDC
Sample : A8A62901 B DF4 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 9 9:12 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:13:19 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0851.D Vial: 4
Acq On : 8 Sep 2008 21:30 Operator: CDC
Sample : A8A62901 B DF4 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:14:00 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:13:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0843.D (8 Sep 2008 17:24)

STE 9/9/08 MA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	677902	125.00	ng	0.00 82.68%
43) CI20	Chlorobenzene-D5	13.54	117	567471	125.00	ng	0.00 80.60%
62) CI30	1,4-Dichlorobenzene-	16.91	152	363618	125.00	ng	0.00 81.79%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	265660	126.23	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 100.98%			
31) CS15	1,2-Dichloroethane-D	9.18	65	411296	119.90	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 95.92%			
44) CS05	Toluene-D8	11.57	98	809224	127.77	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 102.22%			
61) CS10	p-Bromofluorobenzene	15.19	174	269590	117.59	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 94.07%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	4.38	62	187542	85.05	ng	99
5) C015	Bromomethane	4.84	94	119	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	6.12	96	569	N.D.		
9) C030	Methylene chloride	6.68	84	13489	Below Cal	#	71
10) C040	Carbon disulfide	6.50	76	623	N.D.		
11) C036	Acrolein	5.99	56	149	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.12	43	3212	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	7.00	73	6267	N.D.		
18) C057	trans-1,2-Dichloroet	7.03	96	29063	14.08	ng	96
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	7.54	63	1546	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	8.21	96	699543	319.85	ng	98
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	8.83	97	837	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.29	78	6096	N.D.		

(#) = qualifier out of range (m) = manual integration

9/9/08

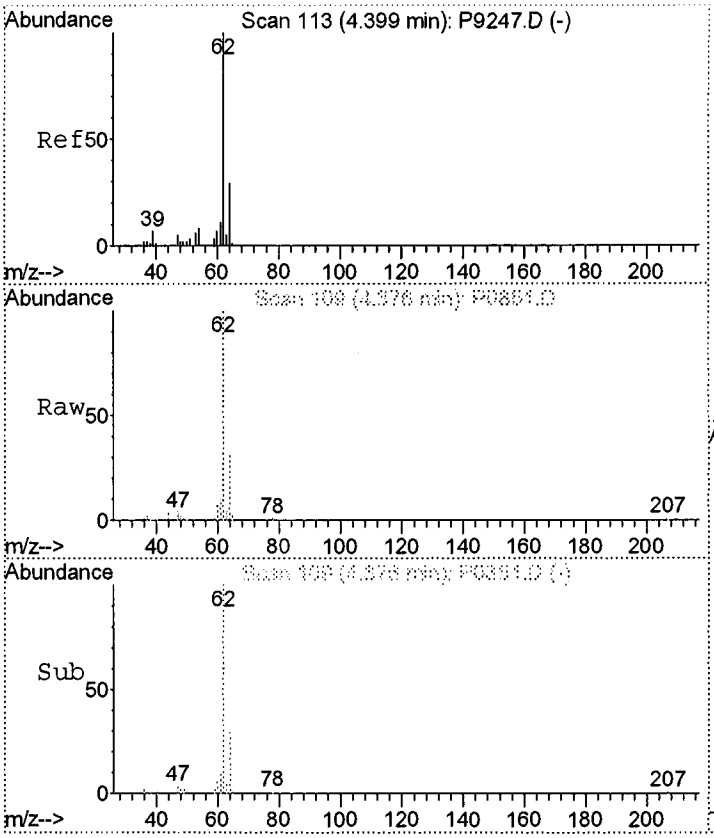
Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0851.D Vial: 4
Acq On : 8 Sep 2008 21:30 Operator: CDC
Sample : A8A62901 B DF4 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:14:00 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:13:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	128	N.D.	
34)	C110	2-Butanone	8.17	43	114	N.D.	
35)	C256	Cyclohexane	0.00	56	0	N.D.	
36)	C150	Trichloroethene	10.04	95	53026	23.72 ng	86
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	10.32	83	124	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	2233	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	12.42	166	131	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.69	91	2389	N.D.	
58)	C246	m,p-Xylene	13.85	106	1009	N.D.	
59)	C247	o-Xylene	14.42	106	112	N.D.	
60)	C245	Styrene	14.44	104	1498	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	14.94	105	1455	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	15.53	91	1548	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.34	105	414	N.D.	
75)	C308	sec-Butylbenzene	16.60	105	556	N.D.	
76)	C260	1,3-Dichlorobenzene	16.95	146	799	N.D.	
77)	C309	4-Isopropyltoluene	16.78	119	284	N.D.	
78)	C267	1,4-Dichlorobenzene	16.95	146	799	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	17.41	91	357	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	19.97	180	275	N.D.	
83)	C316	Hexachlorobutadiene	20.17	225	124	N.D.	
84)	C314	Naphthalene	20.36	128	142	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

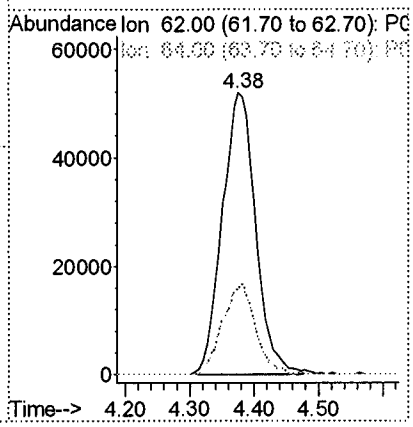
(#) = qualifier out of range (m) = manual integration

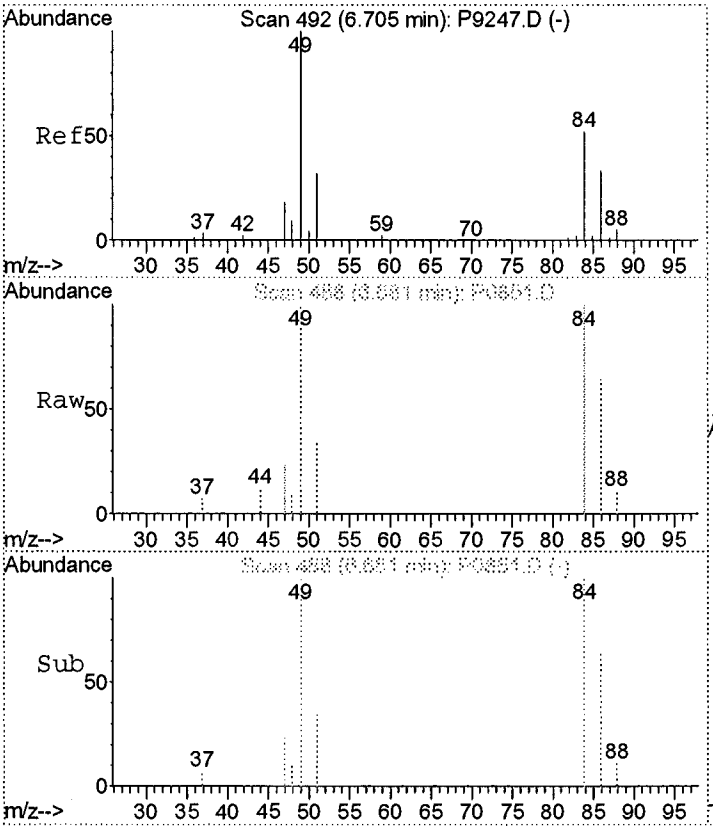


#4
C020 Vinyl chloride
Concen: 85.05 ng
RT: 4.38 min Scan# 109
Delta R.T. -0.01 min
Lab File: P0851.D
Acq: 8 Sep 2008 21:30

Tgt Ion: 62 Resp: 187542

Ion	Ratio	Lower	Upper
62	100		
64	30.7	11.1	51.1

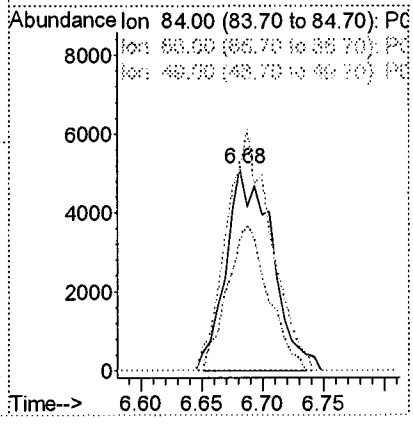


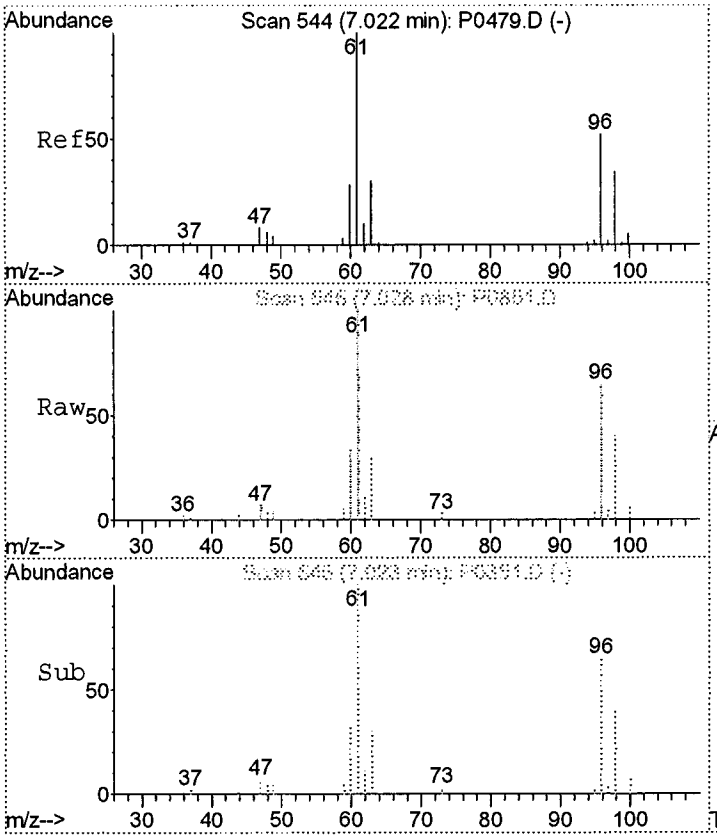


#9
C030 Methylene chloride
Concen: Below Cal
RT: 6.68 min Scan# 488
Delta R.T. 0.01 min
Lab File: P0851.D
Acq: 8 Sep 2008 21:30

Tgt Ion: 84 Resp: 13489

Ion	Ratio	Lower	Upper
84	100		
86	63.7	43.8	83.8
49	99.3	132.8	172.8#

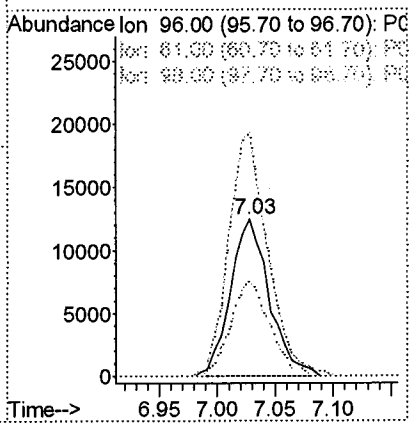


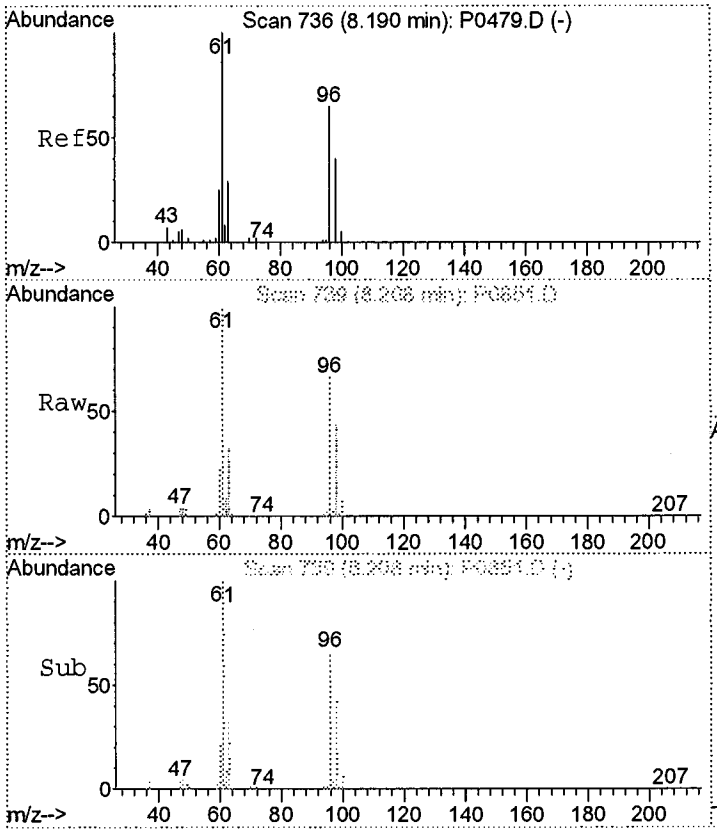


#18
C057 trans-1,2-Dichloroethene
Concen: 14.08 ng
RT: 7.03 min Scan# 545
Delta R.T. 0.01 min
Lab File: P0851.D
Acq: 8 Sep 2008 21:30

Tgt Ion: 96 Resp: 29063

Ion	Ratio	Lower	Upper
96	100		
61	154.4	139.7	179.7
98	61.2	43.2	83.2

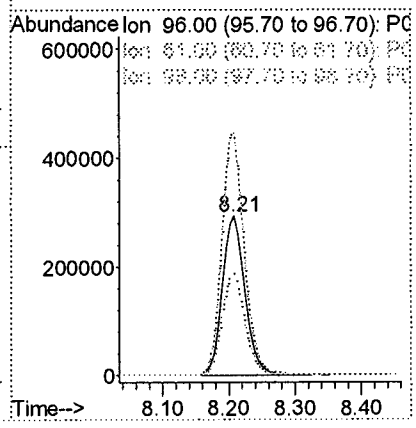


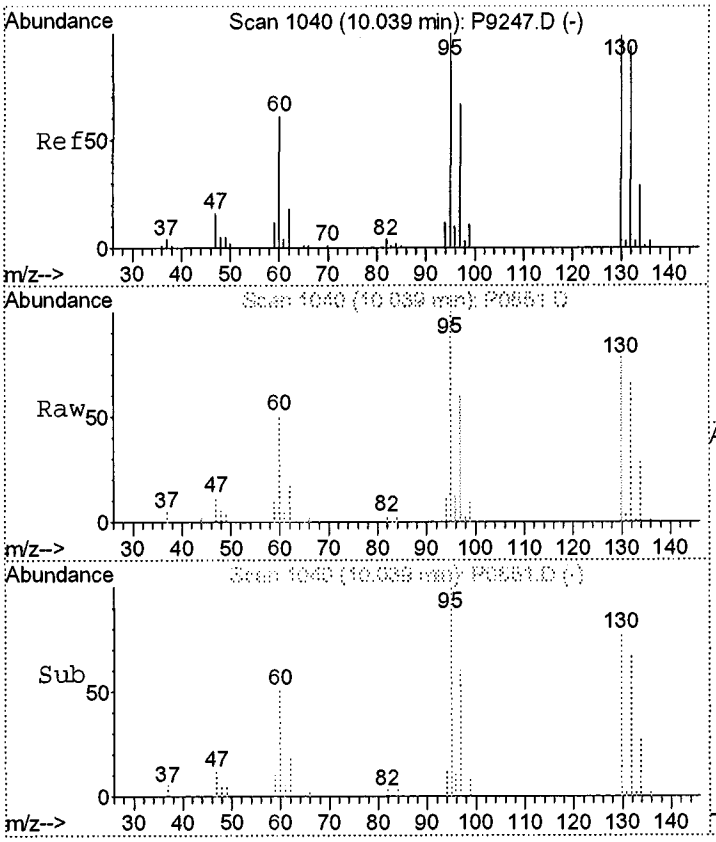


#23
C056 cis-1,2-Dichloroethene
Concen: 319.85 ng
RT: 8.21 min Scan# 739
Delta R.T. 0.01 min
Lab File: P0851.D
Acq: 8 Sep 2008 21:30

Tgt Ion: 96 Resp: 699543

Ion	Ratio	Lower	Upper
96	100		
61	151.5	128.0	168.0
98	64.8	43.4	83.4

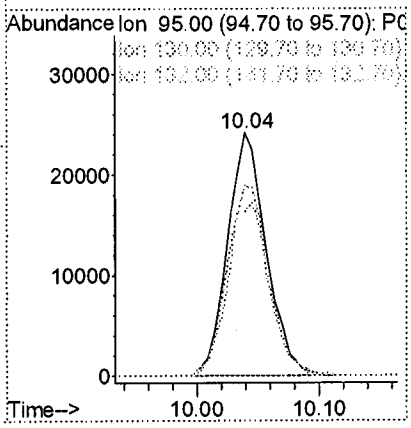




#36
C150 Trichloroethene
Concen: 23.72 ng
RT: 10.04 min Scan# 1040
Delta R.T. 0.01 min
Lab File: P0851.D
Acq: 8 Sep 2008 21:30

Tgt Ion: 95 Resp: 53026

Ion	Ratio	Lower	Upper
95	100		
130	78.2	68.8	108.8
132	67.4	63.4	103.4



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4247.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	48	B
71-43-2	Benzene	2	J
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	6	J
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	11	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4247.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Quantitation Report (Not Reviewed)

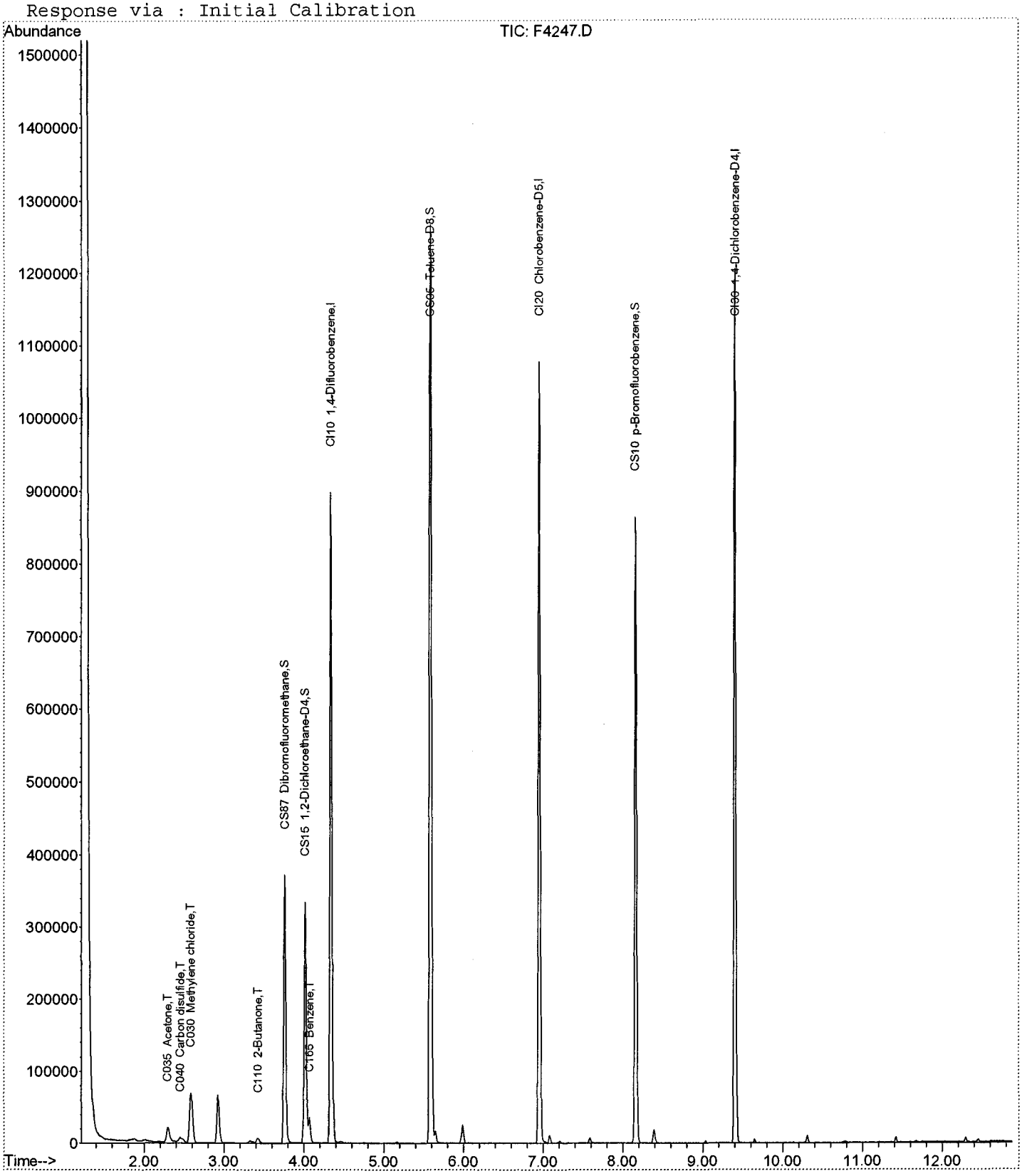
Data File : H:\GCMS_VOA\F\090308\F4247.D
Acq On : 3 Sep 2008 15:13
Sample : A8A62905
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 17:40 2008

Vial: 13
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.27

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:25:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4247.D
Acq On : 3 Sep 2008 15:13
Sample : A8A62905
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:41:54 2008

Vial: 13
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:25:34 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090308\F4235.D (3 Sep 2008 10:02)

9/3/08 CM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	799997	250.00	ng	0.00 97.60%
43) CI20 Chlorobenzene-D5	6.96	82	341528	250.00	ng	0.00 98.83%
63) CI30 1,4-Dichlorobenzene-	9.41	152	374380	250.00	ng	0.00 95.92%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	237036	265.76	ng	0.00
Spiked Amount 250.000	Range 70 - 130		Recovery = 106.30%			
32) CS15 1,2-Dichloroethane-D	4.02	65	222913	234.88	ng	0.00
Spiked Amount 250.000	Range 64 - 126		Recovery = 93.95%			
44) CS05 Toluene-D8	5.59	98	886552	278.22	ng	0.00
Spiked Amount 250.000	Range 71 - 125		Recovery = 111.29%			
62) CS10 p-Bromofluorobenzene	8.17	174	288736	271.71	ng	0.00
Spiked Amount 250.000	Range 72 - 126		Recovery = 108.68%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.59	84	47328	46.91	ng	97
11) C040 Carbon disulfide	2.45	76	18064	9.32	ng	87
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	40296	212.89	ng	99
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	2.50	43	3946	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

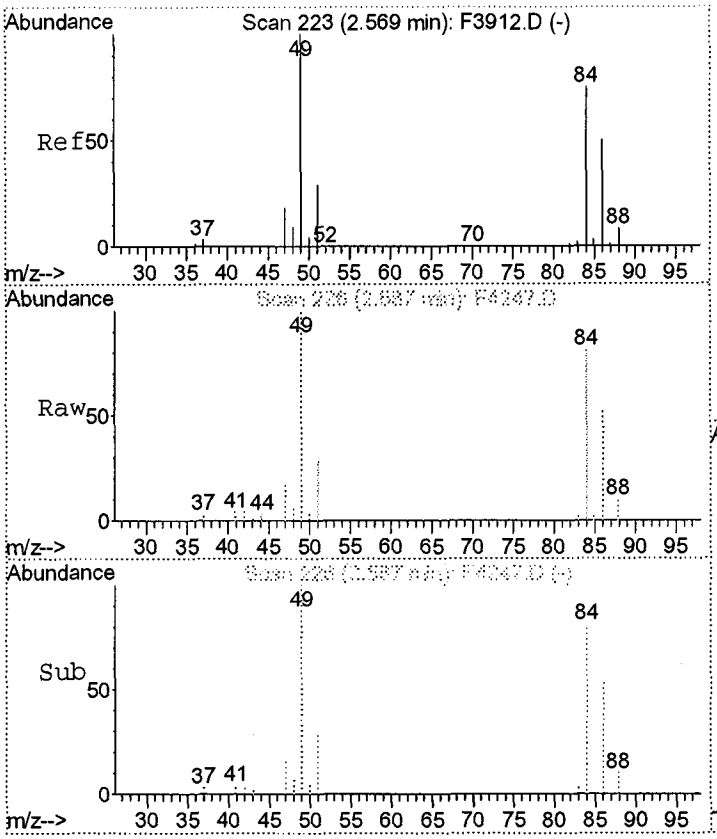
Data File : H:\GCMS_VOA\F\090308\F4247.D Vial: 13
Acq On : 3 Sep 2008 15:13 Operator: LH
Sample : A8A62905 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:41:54 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:25:34 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	30772	9.77 ng	94
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.42	43	11497	26.68 ng	89
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	7208	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	3190	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.10	91	1727	N.D.	
58)	C246	m,p-Xylene	7.20	106	1484	N.D.	
59)	C247	o-Xylene	7.61	106	153	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.45	91	510	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.54	105	1084	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	2303	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	2303	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	2954	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	2954	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.41	128	6227	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

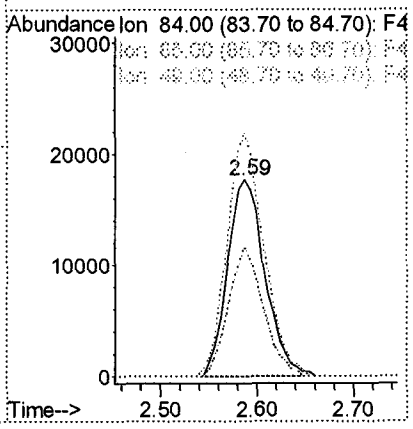
9/23/08

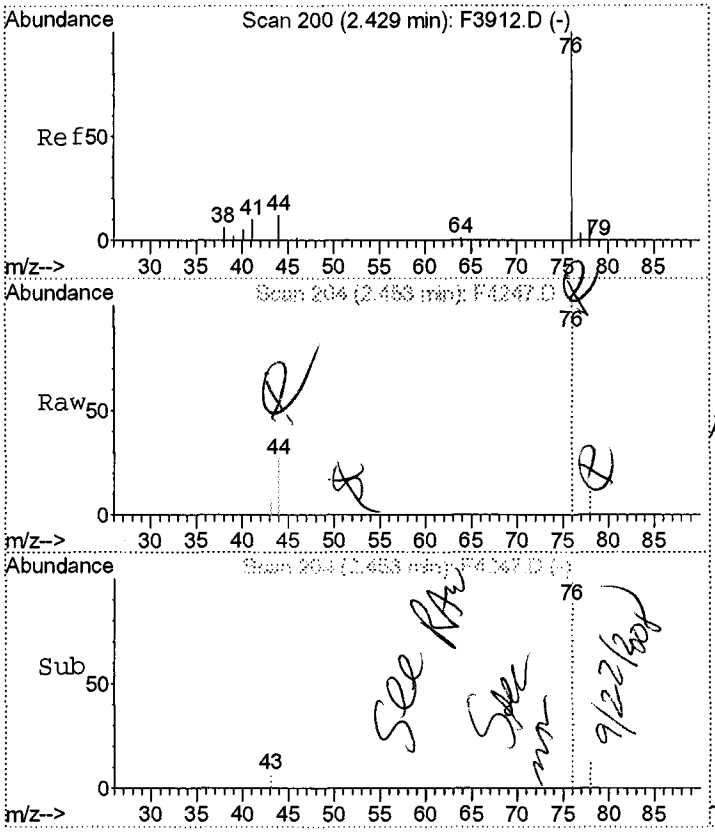


#10
C030 Methylene chloride
Concen: 46.91 ng
RT: 2.59 min Scan# 226
Delta R.T. 0.01 min
Lab File: F4247.D
Acq: 3 Sep 2008 15:13

Tgt Ion: 84 Resp: 47328

Ion	Ratio	Lower	Upper
84	100		
86	65.5	40.0	100.0
49	123.2	95.0	155.0

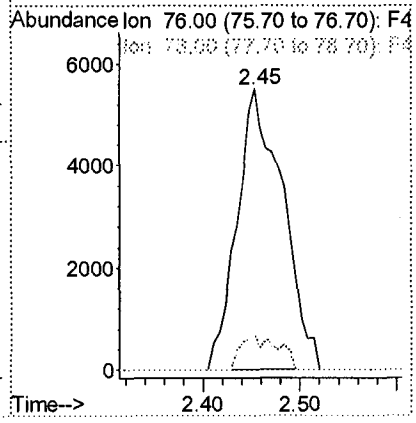


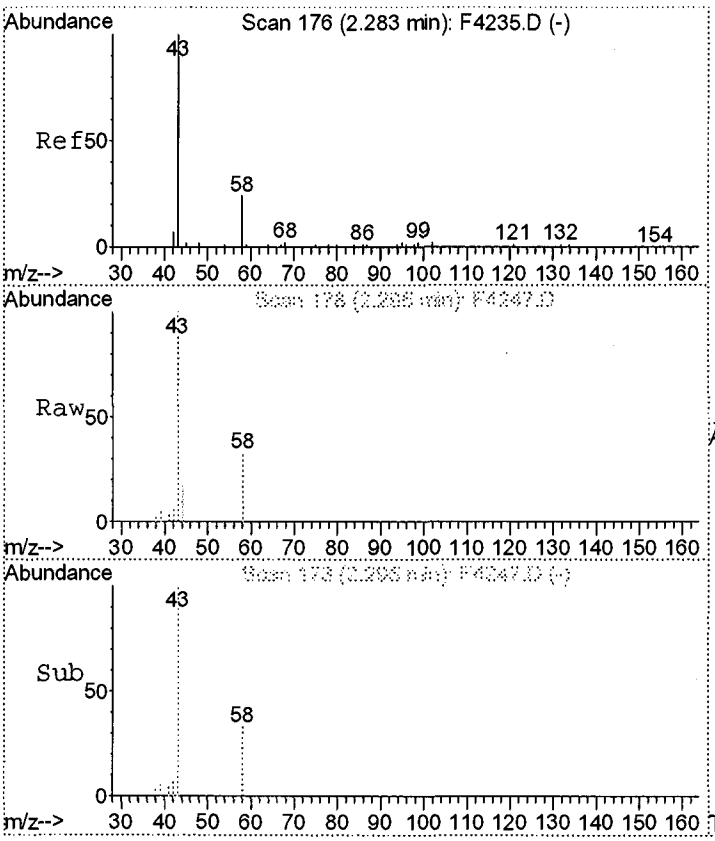


#11
C040 Carbon disulfide
Concen: 9.32 ng
RT: 2.45 min Scan# 204
Delta R.T. 0.02 min
Lab File: F4247.D
Acq: 3 Sep 2008 15:13

Tgt Ion: 76 Resp: 18064

Ion	Ratio	Lower	Upper
76	100		
78	12.5	0.0	38.0

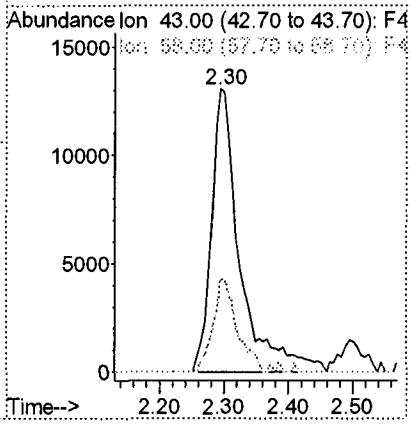


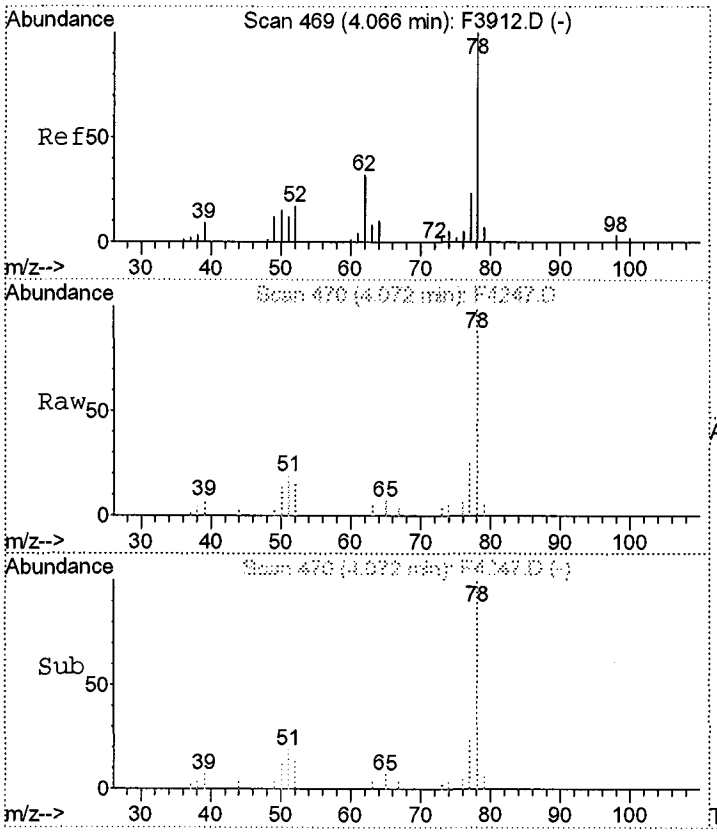


#14
C035 Acetone
Concen: 212.89 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4247.D
Acq: 3 Sep 2008 15:13

Tgt Ion: 43 Resp: 40296

Ion	Ratio	Lower	Upper
43	100		
58	32.5	3.0	63.0

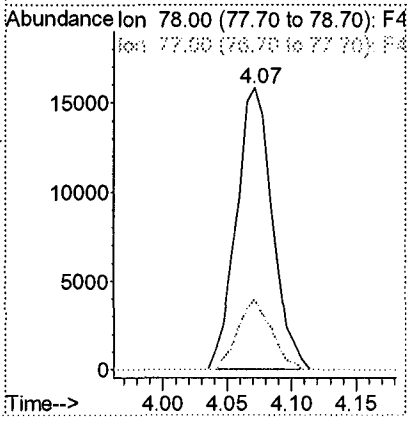


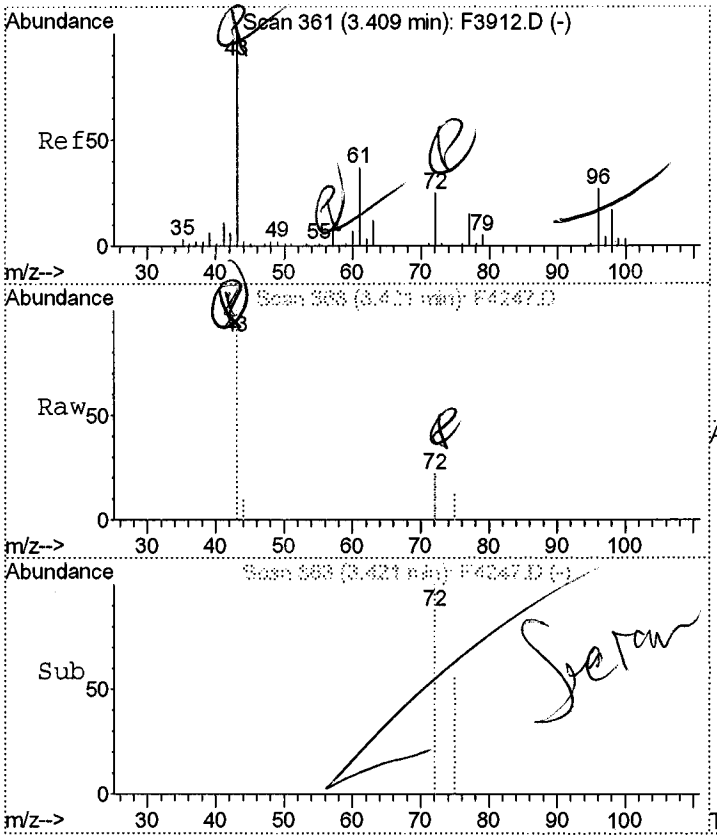


#33
C165 Benzene
Concen: 9.77 ng
RT: 4.07 min Scan# 470
Delta R.T. 0.01 min
Lab File: F4247.D
Acq: 3 Sep 2008 15:13

Tgt Ion: 78 Resp: 30772

Ion	Ratio	Lower	Upper
78	100		
77	24.8	0.0	52.0

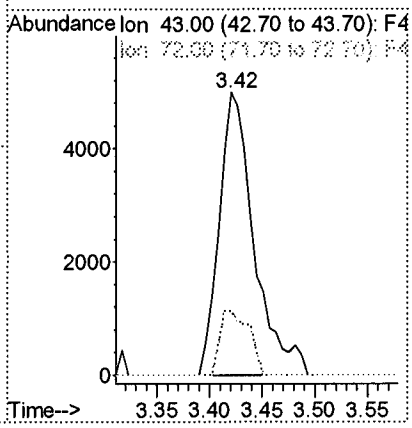




#35
C110 2-Butanone
Concen: 26.68 ng
RT: 3.42 min Scan# 363
Delta R.T. 0.01 min
Lab File: F4247.D
Acq: 3 Sep 2008 15:13

Tgt Ion: 43 Resp: 11497

Ion	Ratio	Lower	Upper
43	100		
72	22.5	0.0	58.5



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7580.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7580.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

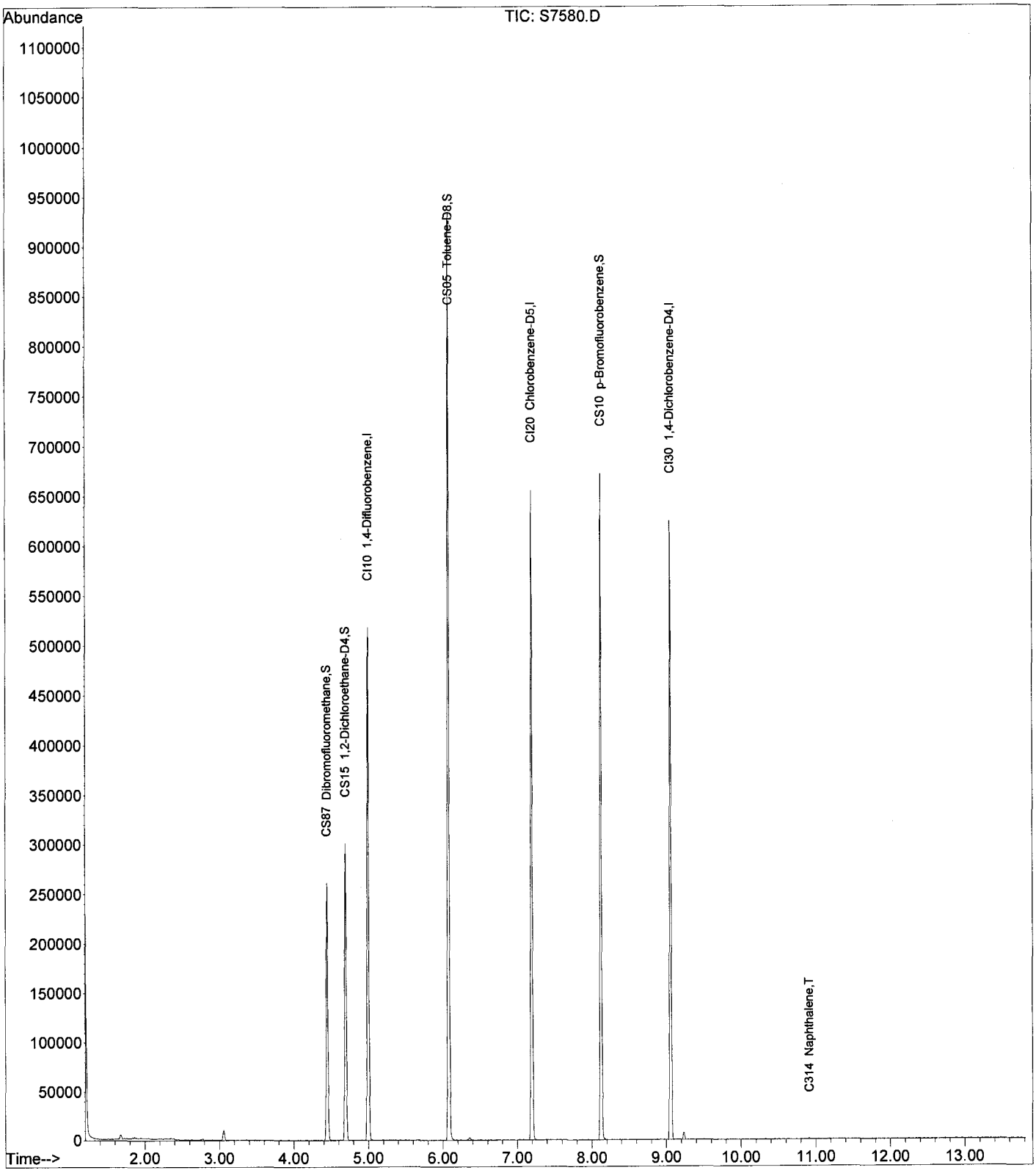
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : D:\MSDCHEM\S\DATA\090708\S7580.D Vial: 23
Acq On : 7 Sep 2008 18:29 Operator: ND
Sample : A8A71302 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 08 09:52:22 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 08 09:47:57 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed) **450/3648**

Data File : D:\MSDCHEM\S\DATA\090708\S7580.D Vial: 23
Acq On : 7 Sep 2008 18:29 Operator: ND
Sample : A8A71302 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:52:22 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 08 09:47:57 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	274919	125.00	ng	0.00 78.74%
43) CI20	Chlorobenzene-D5	7.19	82	160659	125.00	ng	0.00 76.62%
63) CI30	1,4-Dichlorobenzene-	9.06	152	116784	125.00	ng	0.00 74.29%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	121816	144.77	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	115.82%	
31) CS15	1,2-Dichloroethane-D	4.69	65	167444	153.99	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	123.19%	
44) CS05	Toluene-D8	6.08	98	464503	123.33	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	98.66%	
62) CS10	p-Bromofluorobenzene	8.12	174	117393	126.51	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	101.21%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.06	84	3500	Below Cal	98
10) C040	Carbon disulfide	2.78	76	1163	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.75	43	871	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	4.32	83	147	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

Data File : D:\MSDCHEM\S\DATA\090708\S7580.D Vial: 23
Acq On : 7 Sep 2008 18:29 Operator: ND
Sample : A8A71302 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:52:22 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 08 09:47:57 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	0.00	92	0	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	2269	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.19	91	294	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	8.12	91	487	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	607	13.34	ng	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0845.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0845.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

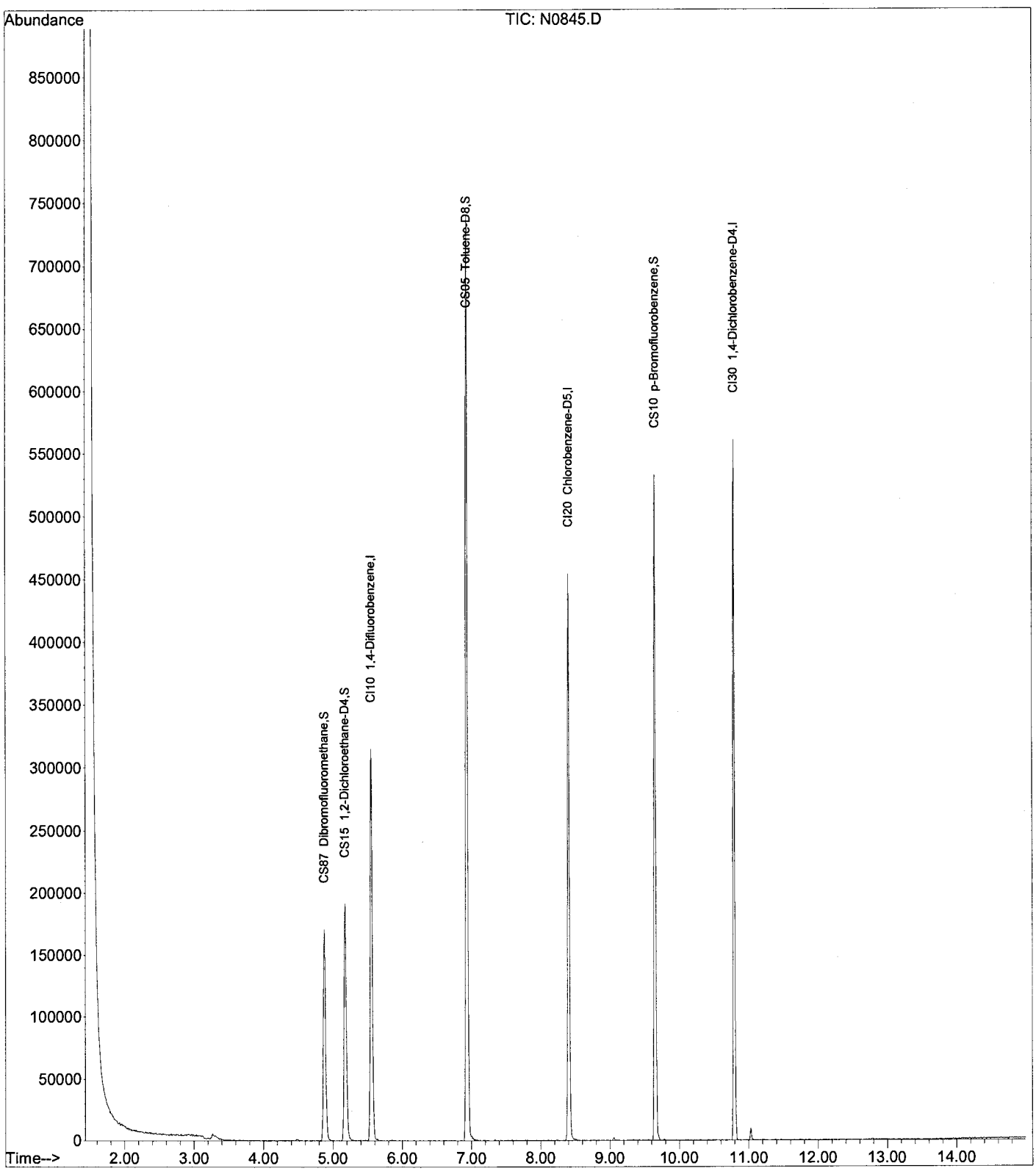
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\090908\N0845.D
Acq On : 9 Sep 2008 11:03
Sample : A8A71802
Misc :
MS Integration Params: RTEINT.P

Vial: 6
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Quant Time: Sep 10 08:42:03 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 10 08:41:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\090908\N0845.D Vial: 6
Acq On : 9 Sep 2008 11:03 Operator: RJ
Sample : A8A71802 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 10 08:42:03 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 10 08:41:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

Clear 9/10/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	289428	125.00	ng	0.00 93.92%
43) CI20	Chlorobenzene-D5	8.41	117	262102	125.00	ng	0.00 91.90%
62) CI30	1,4-Dichlorobenzene-	10.79	152	136749	125.00	ng	0.00 85.48%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	119772	131.71	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	105.37%	
31) CS15	1,2-Dichloroethane-D	5.18	65	155062	134.54	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	107.63%	
44) CS05	Toluene-D8	6.93	98	524685	141.82	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	113.46%	
61) CS10	p-Bromofluorobenzene	9.65	174	153590	135.48	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	108.38%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.27	84	2372	Below Cal	94
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.93	43	2580	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	0.00	83	0	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

9/10/08

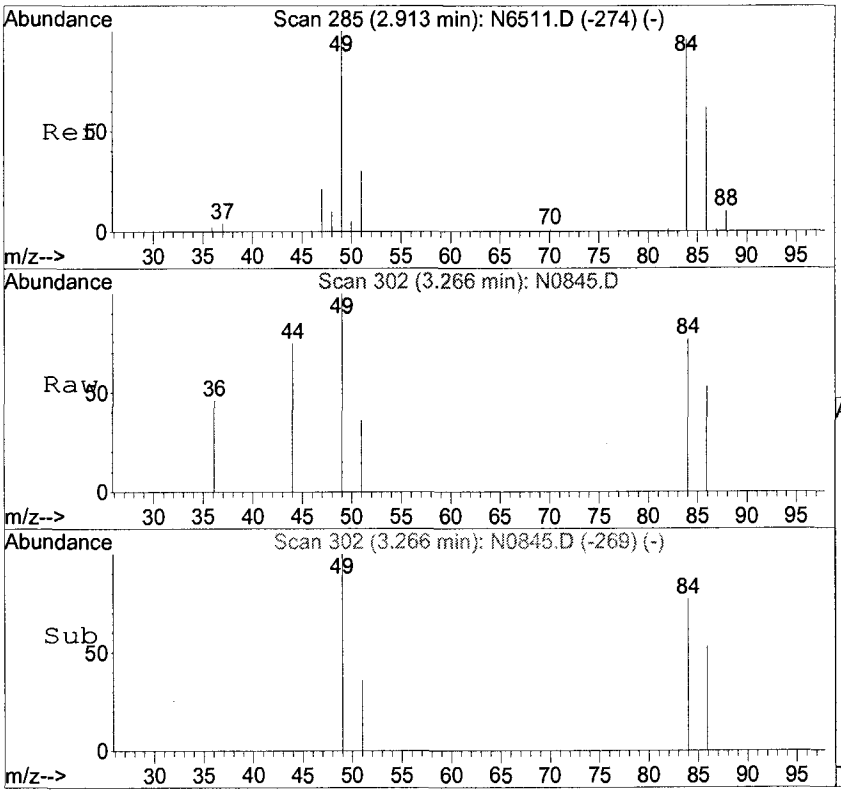
Data File : C:\MSDCHEM\2\DATA\090908\N0845.D Vial: 6
Acq On : 9 Sep 2008 11:03 Operator: RJ
Sample : A8A71802 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 10 08:42:03 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 10 08:41:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	7.01	92	312	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.93	43	2420	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	0.00	91	0	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	10.82	146	3257	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	10.82	146	3257	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	12.78	128	816	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

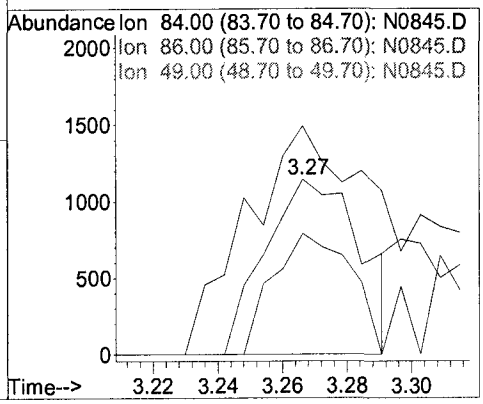
9/12/08



#9
C030 Methylene chloride
Concen: Below Cal
RT: 3.27 min Scan# 302
Delta R.T. 0.00 min
Lab File: N0845.D
Acq: 9 Sep 2008 11:03

Tgt Ion: 84 Resp: 2372

Ion	Ratio	Lower	Upper
84	100		
86	69.1	42.1	82.1
49	130.5	116.1	156.1



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0720.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0720.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

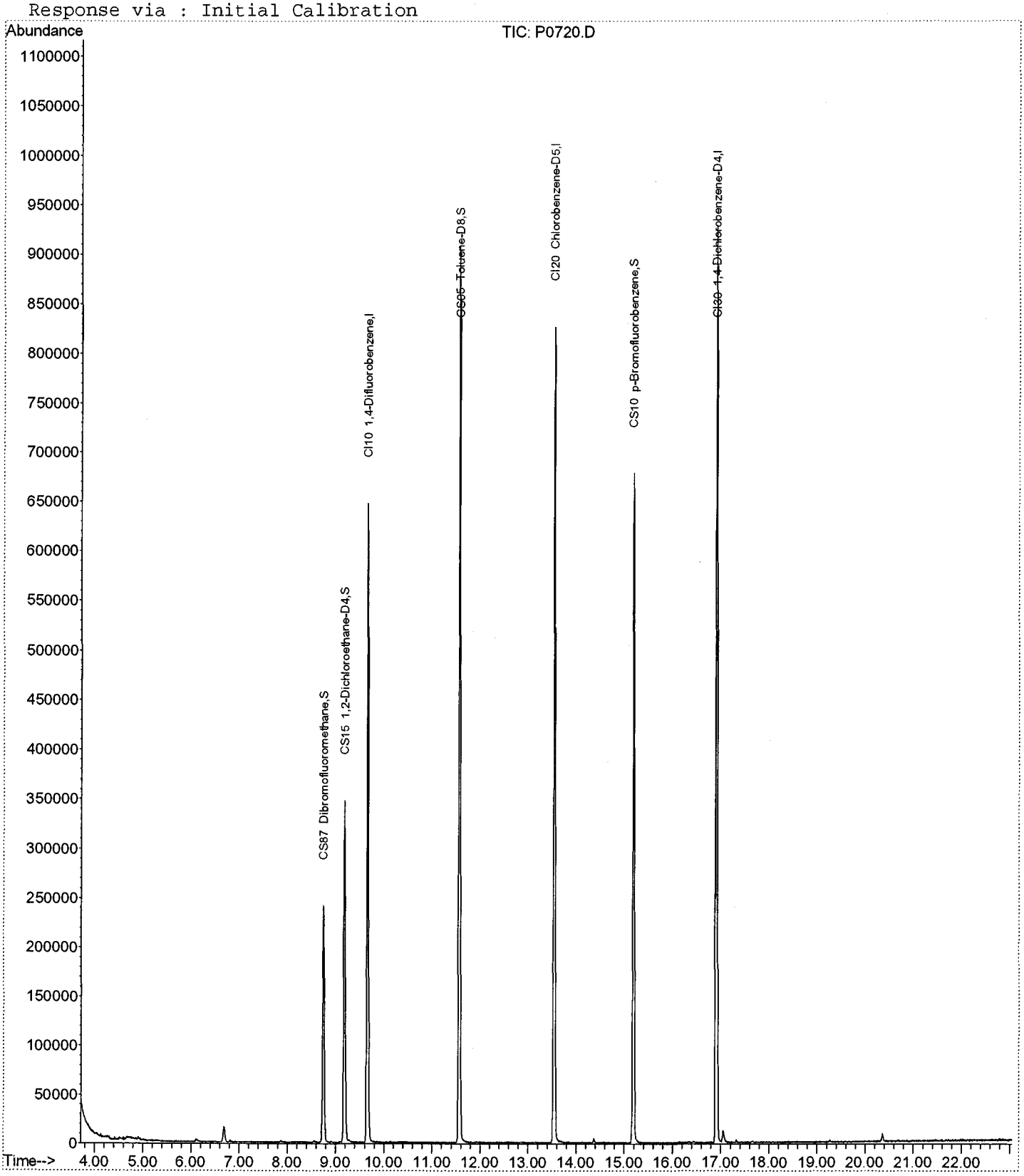
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\090308\P0720.D Vial: 14
Acq On : 3 Sep 2008 16:17 Operator: LH
Sample : A8A47508 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 17:44 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0720.D Vial: 14
Acq On : 3 Sep 2008 16:17 Operator: LH
Sample : A8A47508 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:45:49 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090308\P0707.D (3 Sep 2008 10:00)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	498692	125.00	ng	0.00 80.31%
43) CI20	Chlorobenzene-D5	13.54	117	467574	125.00	ng	0.00 82.19%
62) CI30	1,4-Dichlorobenzene-	16.91	152	265267	125.00	ng	0.00 82.27%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	174009	129.33	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 103.46%			
31) CS15	1,2-Dichloroethane-D	9.18	65	284164	133.07	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 106.46%			
44) CS05	Toluene-D8	11.57	98	626956	122.80	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 98.24%			
61) CS10	p-Bromofluorobenzene	15.19	174	197852	129.68	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 103.74%			

Target Compounds					Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.
3) C010	Chloromethane	4.13	50	898	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluorometha	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	6.69	84	7032	Below Cal # 72
10) C040	Carbon disulfide	6.48	76	349	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	6.12	43	6150	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	8.57	42	1389	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	8.55	83	740	N.D.
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.
28) C120	Carbon tetrachloride	0.00	117	0	N.D.
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.
32) C165	Benzene	9.28	78	1052	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0720.D Vial: 14
Acq On : 3 Sep 2008 16:17 Operator: LH
Sample : A8A47508 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:45:49 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	8.20	43	114	N.D.	
35)	C256	Cyclohexane	8.93	56	787	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	0.00	92	0	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.68	91	1361	N.D.	
58)	C246	m,p-Xylene	13.85	106	139	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.35	105	894	N.D.	
75)	C308	sec-Butylbenzene	0.00	105	0	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	20.36	128	8453	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0721.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	1.5	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0721.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

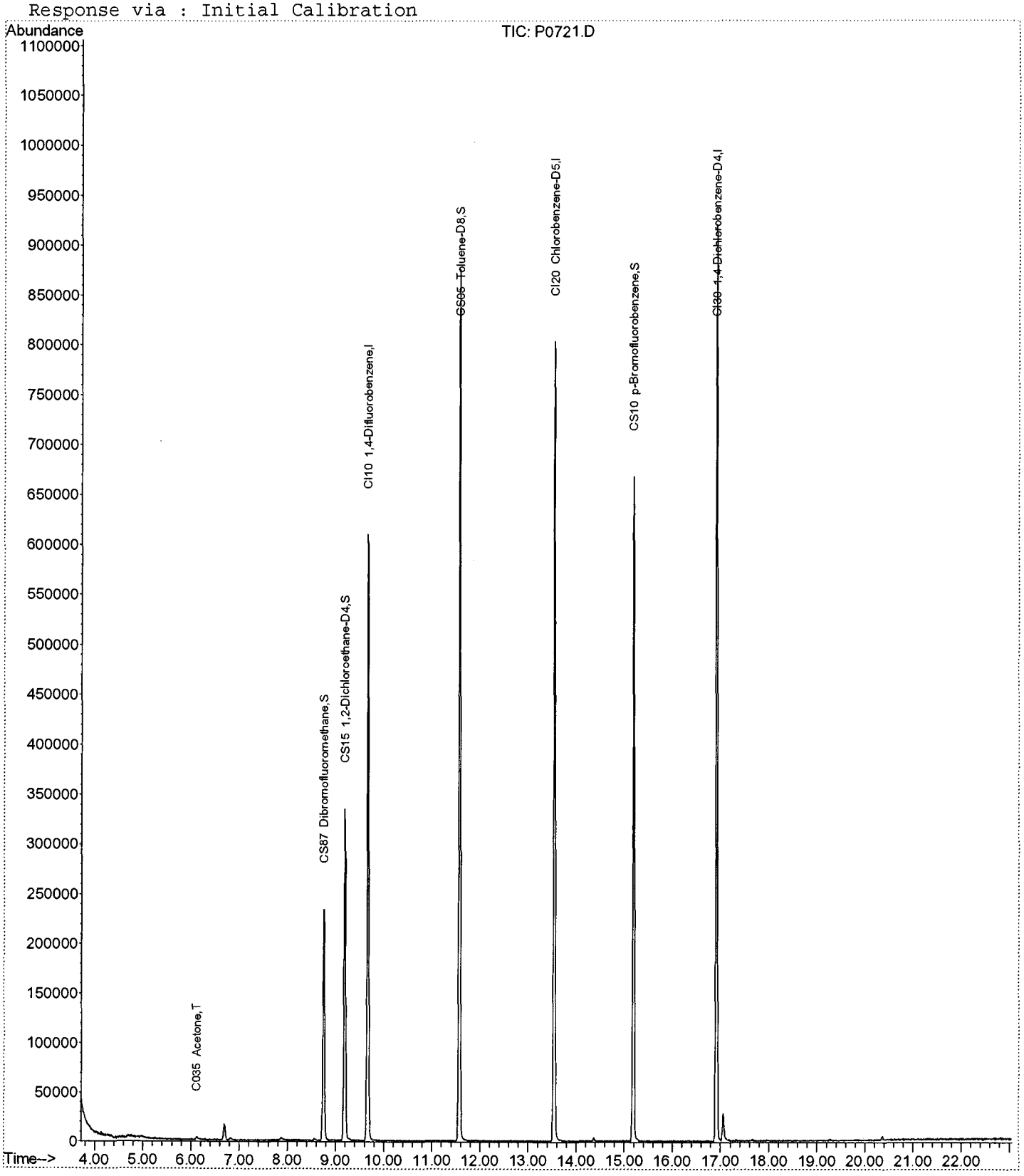
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : H:\GCMS_VOA\P\090308\P0721.D Vial: 15
Acq On : 3 Sep 2008 16:45 Operator: LH
Sample : A8A47509 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 17:44 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0721.D Vial: 15
Acq On : 3 Sep 2008 16:45 Operator: LH
Sample : A8A47509 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:45:54 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090308\P0707.D (3 Sep 2008 10:00)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	491442	125.00	ng	0.00 79.14%
43) CI20	Chlorobenzene-D5	13.54	117	456680	125.00	ng	0.00 80.27%
62) CI30	1,4-Dichlorobenzene-	16.91	152	263214	125.00	ng	0.00 81.64%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	175262	132.19	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 105.75%			
31) CS15	1,2-Dichloroethane-D	9.18	65	285733	135.78	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 108.62%			
44) CS05	Toluene-D8	11.57	98	604184	121.16	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 96.93%			
61) CS10	p-Bromofluorobenzene	15.19	174	191291	128.37	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 102.70%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	4.16	50	238	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	6.69	84	6462	Below Cal	#	39
10) C040	Carbon disulfide	6.49	76	438	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.12	43	7423	7.43	ng	96
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	8.57	42	1522	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	8.55	83	559	N.D.		
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.29	78	698	N.D.		

(#) = qualifier out of range (m) = manual integration

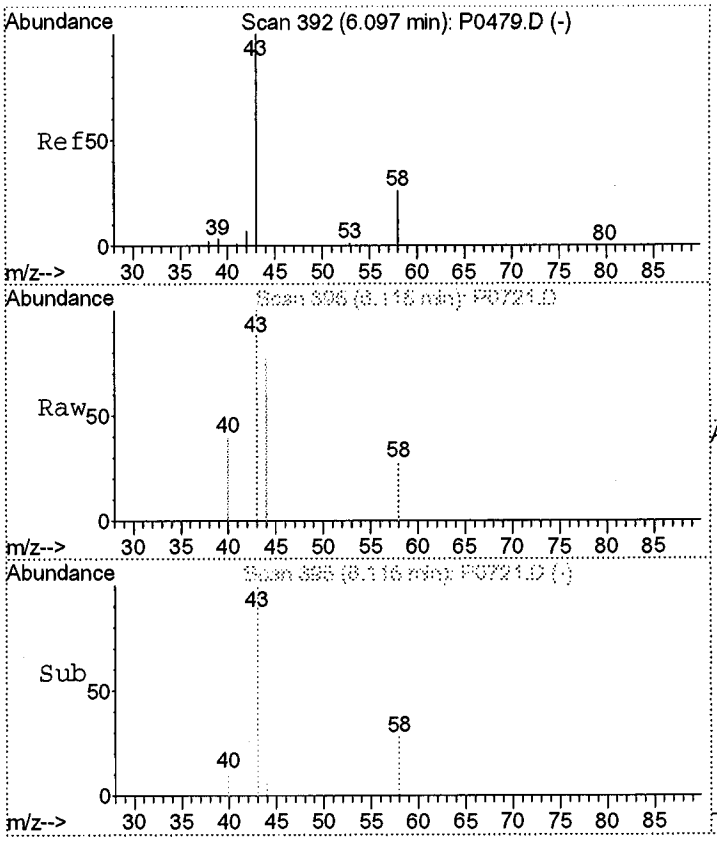
Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0721.D Vial: 15
Acq On : 3 Sep 2008 16:45 Operator: LH
Sample : A8A47509 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:45:54 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	8.19	43	889	N.D.	
35)	C256	Cyclohexane	8.93	56	269	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	0.00	92	0	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.69	91	1318	N.D.	
58)	C246	m,p-Xylene	0.00	106	0	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.34	105	988	N.D.	
75)	C308	sec-Butylbenzene	0.00	105	0	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	20.37	128	6114	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

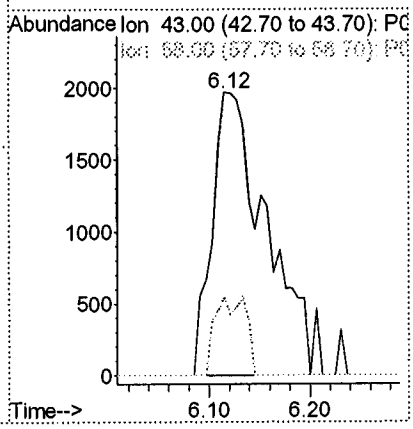
(#) = qualifier out of range (m) = manual integration



#13
C035 Acetone
Concen: 7.43 ng
RT: 6.12 min Scan# 395
Delta R.T. 0.01 min
Lab File: P0721.D
Acq: 3 Sep 2008 16:45

Tgt Ion: 43 Resp: 7423

Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.2	36.2



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9971.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2.2	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9971.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

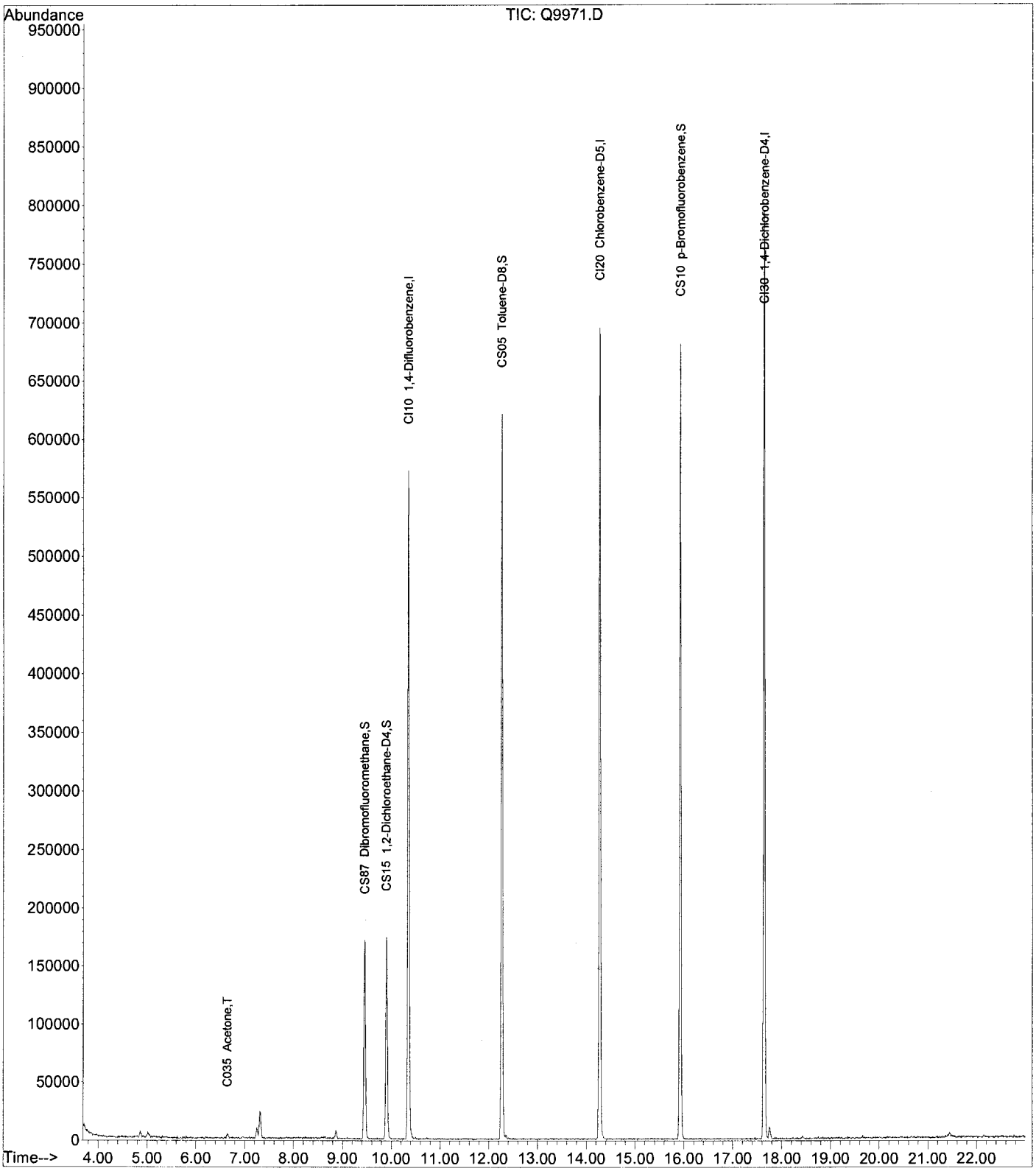
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090608\Q9971.D Vial: 17
Acq On : 6 Sep 2008 21:09 Operator: ND
Sample : A8A62902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 08 09:12:59 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 09:11:33 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090608\Q9971.D Vial: 17
Acq On : 6 Sep 2008 21:09 Operator: ND
Sample : A8A62902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:12:59 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 09:11:33 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

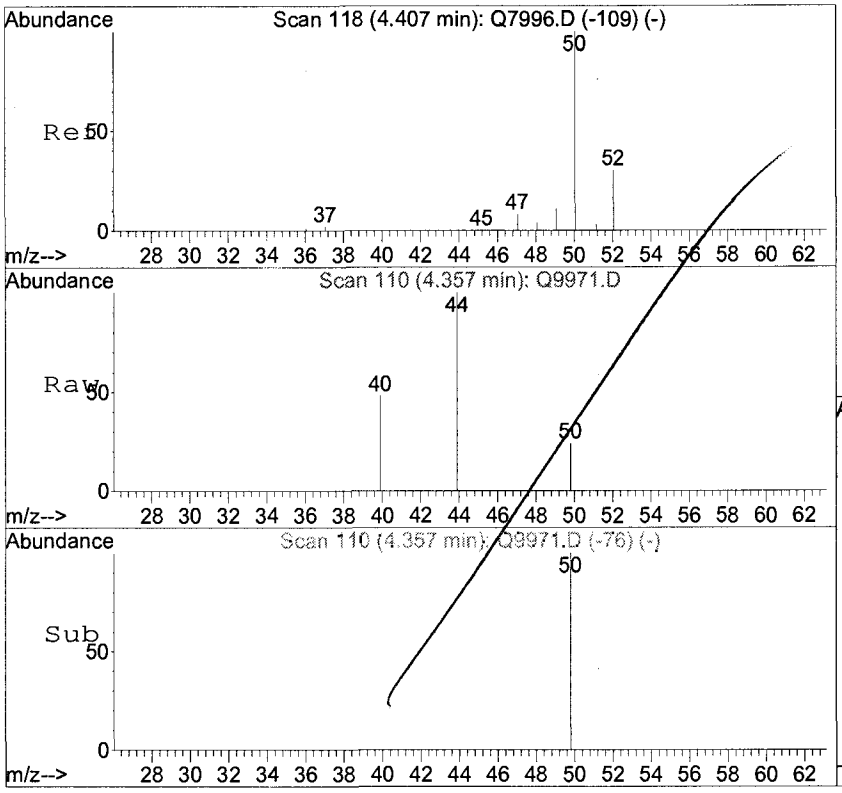
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.35	114	530392	125.00	ng	0.00 79.94%
43) CI20	Chlorobenzene-D5	14.28	117	475569	125.00	ng	0.00 77.75%
62) CI30	1,4-Dichlorobenzene-	17.64	152	262439	125.00	ng	0.00 69.52%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	9.46	111	123208	99.93	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	79.94%		
31) CS15	1,2-Dichloroethane-D	9.90	65	141860	86.90	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	69.52%		
44) CS05	Toluene-D8	12.27	98	463490	90.86	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	72.69%		
61) CS10	p-Bromofluorobenzene	15.93	174	255773	142.51	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	114.01%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	4.36	50	147	Below Cal	#	47
4) C020	Vinyl chloride	4.56	62	328	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	7.25	84	3022	Below Cal	#	76
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.64	43	6529	11.22	ng	94
14) C300	Acetonitrile	7.09	41	157	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	7.10	43	247	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	8.00	43	195	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	8.87	96	2952	N.D.		
24) C272	Tetrahydrofuran	9.25	42	173	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	9.25	83	161	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	0.00	78	0	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	8.85	43	296	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	10.73	95	355	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

Data File : C:\MSDCHEM\1\DATA\090608\Q9971.D Vial: 17
Acq On : 6 Sep 2008 21:09 Operator: ND
Sample : A8A62902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:12:59 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 09:11:33 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	12.37	92	707	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	0.00	43	0	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	13.12	43	139	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	14.27	91	334	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	17.55	146	133	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	17.69	146	326	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

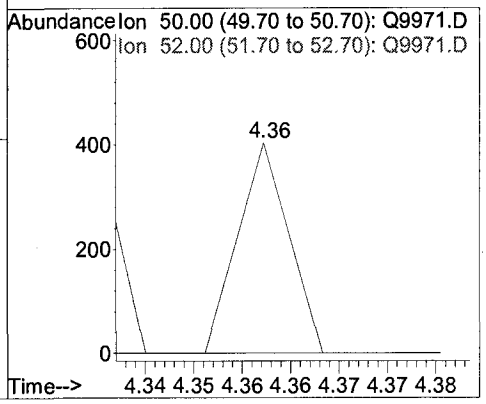
(#) = qualifier out of range (m) = manual integration (+) = signals summed

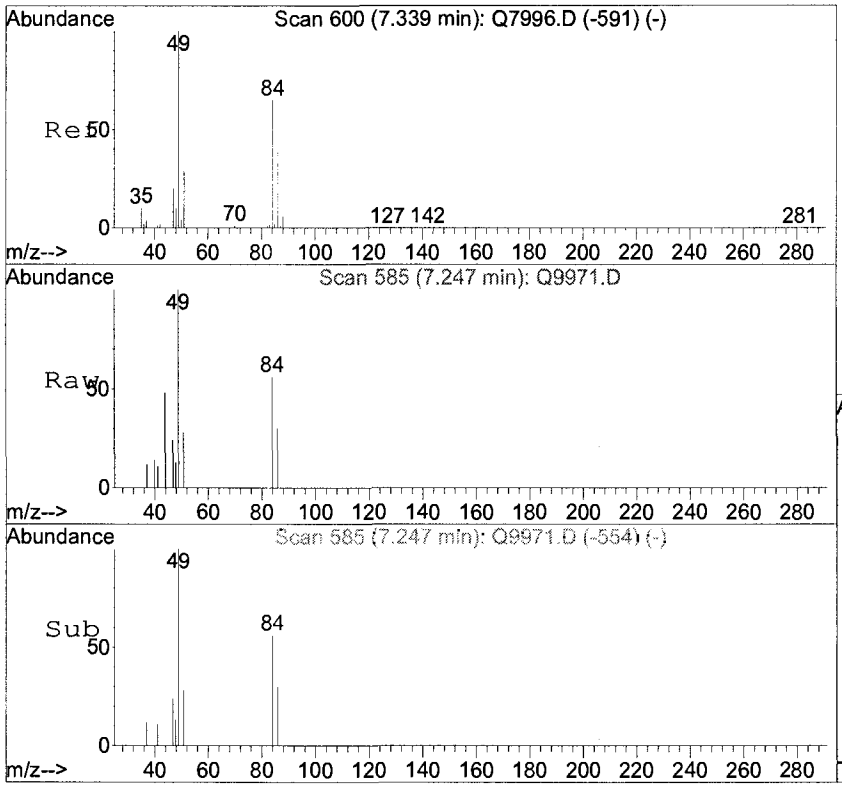


#3
C010 Chloromethane
Concen: Below Cal
RT: 4.36 min Scan# 110
Delta R.T. 0.01 min
Lab File: Q9971.D
Acq: 6 Sep 2008 21:09

Tgt Ion: 50 Resp: 147

Ion	Ratio	Lower	Upper
50	100		
52	0.0	7.8	47.8#

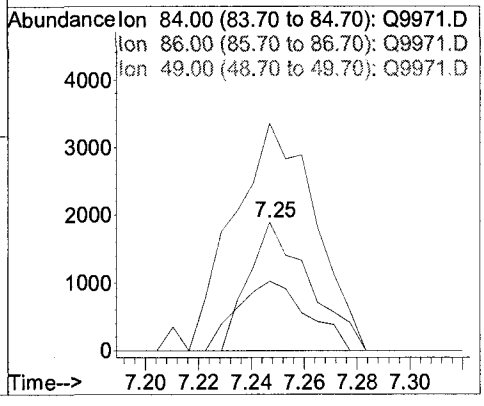


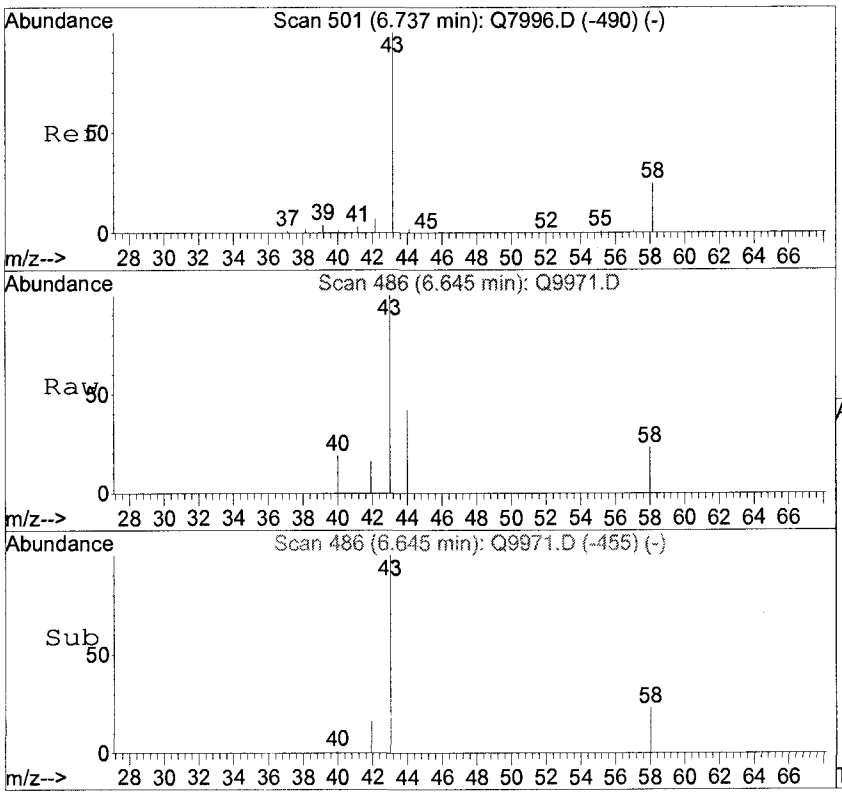


#9
C030 Methylene chloride
Concen: Below Cal
RT: 7.25 min Scan# 585
Delta R.T. -0.01 min
Lab File: Q9971.D
Acq: 6 Sep 2008 21:09

Tgt Ion: 84 Resp: 3022

Ion	Ratio	Lower	Upper
84	100		
86	54.1	43.8	83.8
49	177.5	121.7	161.7#

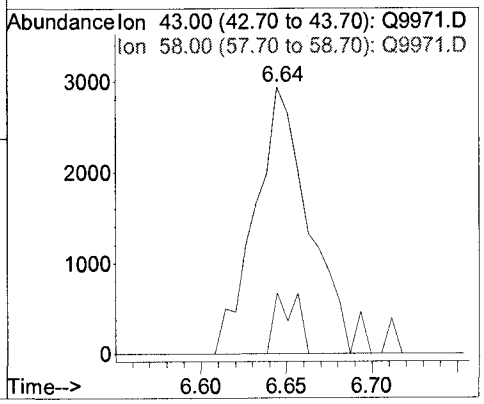




#13
C035 Acetone
Concen: 11.22 ng
RT: 6.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: Q9971.D
Acq: 6 Sep 2008 21:09

Tgt Ion: 43 Resp: 6529

Ion	Ratio	Lower	Upper
43	100		
58	23.0	21.0	31.6



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F4263.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. 31 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	44	B
71-43-2	Benzene	7	U
75-27-4	Bromodichloromethane	7	U
75-25-2	Bromoform	7	U
74-83-9	Bromomethane	7	U
78-93-3	2-Butanone	24	
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	7	U
108-90-7	Chlorobenzene	7	U
75-00-3	Chloroethane	7	U
67-66-3	Chloroform	7	U
74-87-3	Chloromethane	7	U
110-82-7	Cyclohexane	14	U
106-93-4	1,2-Dibromoethane	7	U
124-48-1	Dibromochloromethane	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
95-50-1	1,2-Dichlorobenzene	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
75-71-8	Dichlorodifluoromethane	7	U
75-34-3	1,1-Dichloroethane	7	U
107-06-2	1,2-Dichloroethane	7	U
75-35-4	1,1-Dichloroethene	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
100-41-4	Ethylbenzene	7	U
591-78-6	2-Hexanone	14	U
98-82-8	Isopropylbenzene	7	U
79-20-9	Methyl acetate	14	U
108-87-2	Methylcyclohexane	14	U
75-09-2	Methylene chloride	17	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F4263.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. 31 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	14	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	14	U
100-42-5	Styrene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
127-18-4	Tetrachloroethene	7	U
108-88-3	Toluene	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U
71-55-6	1,1,1-Trichloroethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
79-01-6	Trichloroethene	7	U
75-01-4	Vinyl chloride	7	U
1330-20-7	Total Xylenes	21	U

Quantitation Report (Not Reviewed)

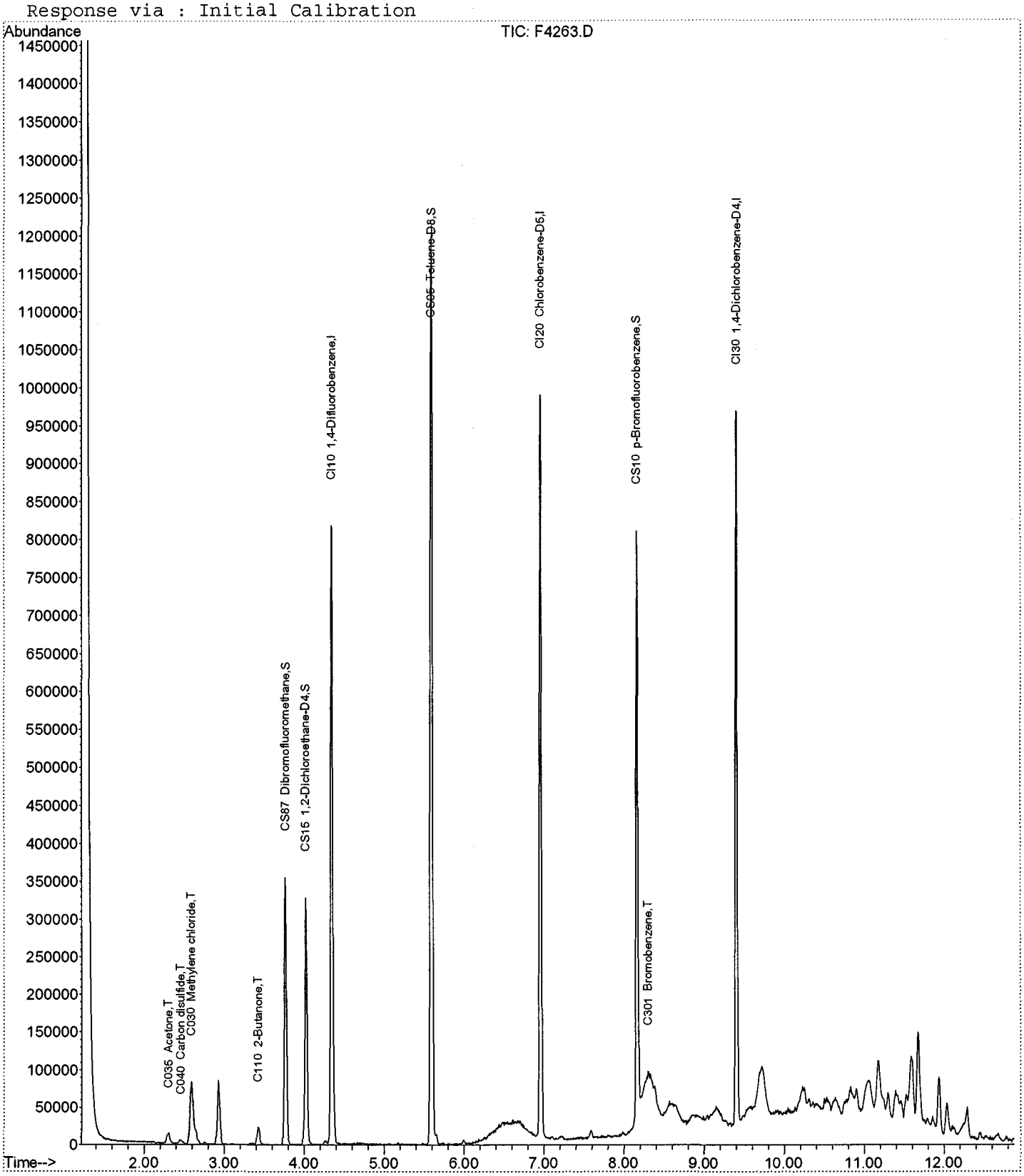
Data File : H:\GCMS_VOA\F\090408\F4263.D
Acq On : 4 Sep 2008 15:28
Sample : A8A71301
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 17:36 2008

Vial: 12
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.25

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4263.D Vial: 12
Acq On : 4 Sep 2008 15:28 Operator: LH
Sample : A8A71301 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 17:37:55 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090408\F4252.D (4 Sep 2008 10:48)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.35	114	759563	250.00	ng	0.00 92.56%
43) CI20 Chlorobenzene-D5	6.96	82	310172	250.00	ng	0.00 88.69%
63) CI30 1,4-Dichlorobenzene-	9.41	152	289772	250.00	ng	0.00 74.84%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	232528	274.58	ng	0.00
Spiked Amount 250.000	Range 70 - 130		Recovery = 109.83%			
32) CS15 1,2-Dichloroethane-D	4.02	65	216192	239.93	ng	0.00
Spiked Amount 250.000	Range 64 - 126		Recovery = 95.97%			
44) CS05 Toluene-D8	5.59	98	855694	295.68	ng	0.00
Spiked Amount 250.000	Range 71 - 125		Recovery = 118.27%			
62) CS10 p-Bromofluorobenzene	8.17	174	259275	268.65	ng	0.00
Spiked Amount 250.000	Range 72 - 126		Recovery = 107.46%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.59	84	55983	61.38	ng	92
11) C040 Carbon disulfide	2.45	76	14338	7.79	ng	100
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	28615	159.22	ng	88
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	2.76	73	626	N.D.		
19) C057 trans-1,2-Dichloroet	2.76	96	671	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	3.43	96	773	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.65	83	436	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

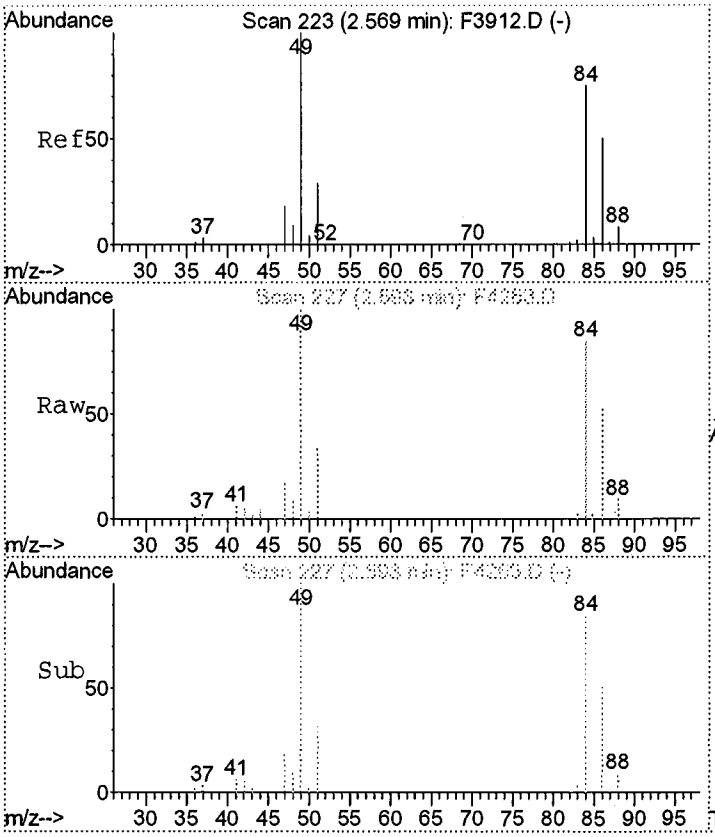
Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4263.D Vial: 12
Acq On : 4 Sep 2008 15:28 Operator: LH
Sample : A8A71301 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 17:37:55 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	2232	N.D.			
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.			
35)	C110	2-Butanone	3.43	43	35847	87.63	ng		95
36)	C150	Trichloroethene	4.59	95	634	N.D.			
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
38)	C012	Methylcyclohexane	4.81	83	472	N.D.			
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
40)	C278	Dibromomethane	0.00	93	0	N.D.			
41)	C130	Bromodichloromethane	4.92	83	128	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	5.65	92	5823	N.D.			
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	5.91	69	392	N.D.			
48)	C160	1,1,2-Trichloroethan	6.04	83	347	N.D.			
49)	C210	4-Methyl-2-pentanone	5.48	43	652	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	6.49	129	2917	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	6.23	43	1274	N.D.			
55)	C235	Chlorobenzene	0.00	112	0	N.D.			
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	7.09	91	2233	N.D.			
58)	C246	m,p-Xylene	7.20	106	1130	N.D.			
59)	C247	o-Xylene	0.00	106	0	N.D.			
60)	C245	Styrene	0.00	104	0	N.D.			
61)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	8.00	105	143	N.D.			
65)	C301	Bromobenzene	8.30	156	231023	292.82	ng	#	1
66)	C225	1,1,2,2-Tetrachloroe	8.46	83	2663	N.D.			
67)	C282	1,2,3-Trichloropropa	8.38	110	991	N.D.			
68)	C283	t-1,4-Dichloro-2-But	8.34	53	727	N.D.			
69)	C302	n-Propylbenzene	8.43	91	2451	N.D.			
70)	C303	O 2-Chlorotoluene	8.54	126	2084	N.D.			
71)	C289	P 4-Chlorotoluene	8.64	126	472	N.D.			
72)	C304	1,3,5-Trimethylbenze	8.63	105	1402	N.D.			
73)	C306	tert-Butylbenzene	9.08	134	142	N.D.			
74)	C307	1,2,4-Trimethylbenze	9.04	105	6464	N.D.			
75)	C308	sec-Butylbenzene	9.24	105	750	N.D.			
76)	C260	1,3-Dichlorobenzene	9.43	146	3220	N.D.			
77)	C309	p-Cymene (4-Isopropy	9.33	119	578	N.D.			
78)	C267	1,4-Dichlorobenzene	9.43	146	3220	N.D.			
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.			
80)	C310	n-Butylbenzene	9.80	91	596	N.D.			
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.			
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.			
84)	C314	Naphthalene	11.42	128	12306	N.D.			
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.			

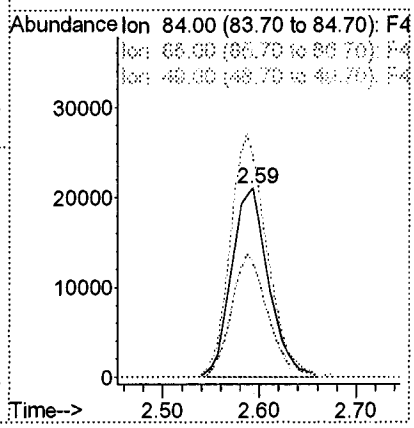
(#) = qualifier out of range (m) = manual integration

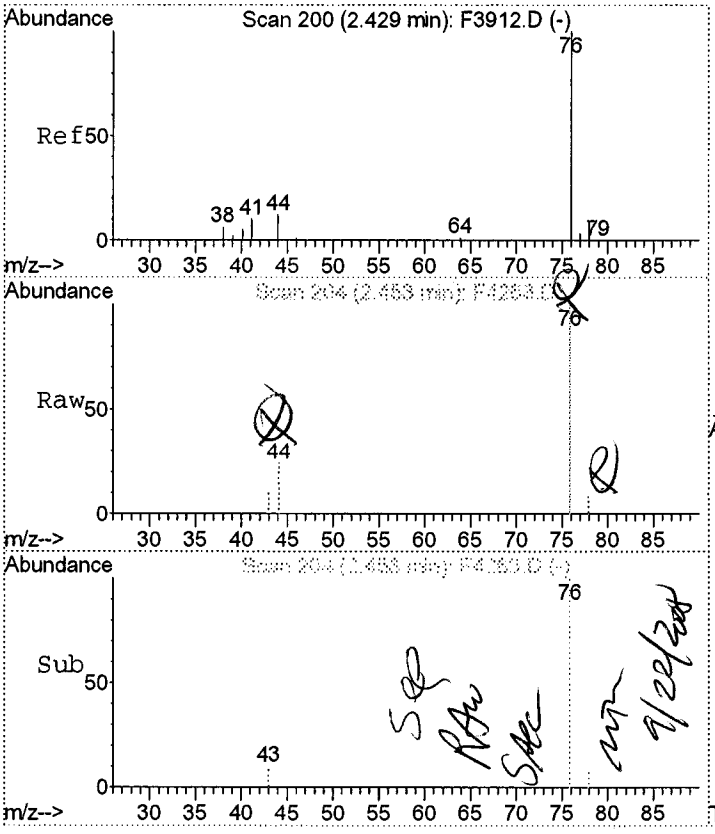


#10
C030 Methylene chloride
Concen: 61.38 ng
RT: 2.59 min Scan# 227
Delta R.T. 0.02 min
Lab File: F4263.D
Acq: 4 Sep 2008 15:28

Tgt Ion: 84 Resp: 55983

Ion	Ratio	Lower	Upper
84	100		
86	60.5	40.0	100.0
49	117.3	95.0	155.0

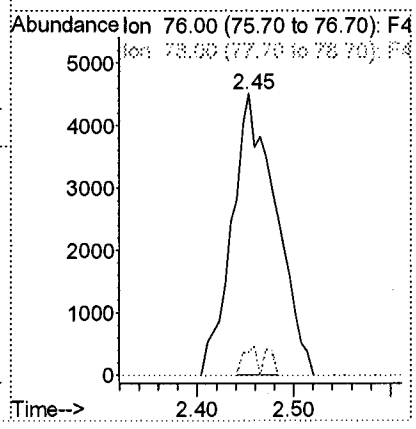


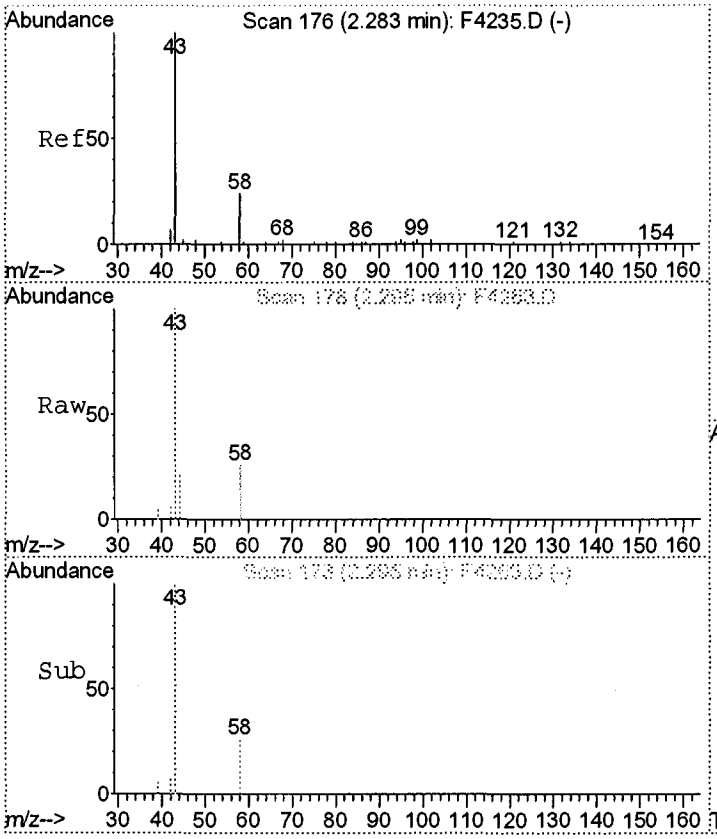


#11
C040 Carbon disulfide
Concen: 7.79 ng
RT: 2.45 min Scan# 204
Delta R.T. 0.01 min
Lab File: F4263.D
Acq: 4 Sep 2008 15:28

Tgt Ion: 76 Resp: 14338

Ion	Ratio	Lower	Upper
76	100		
78	8.2	0.0	38.0

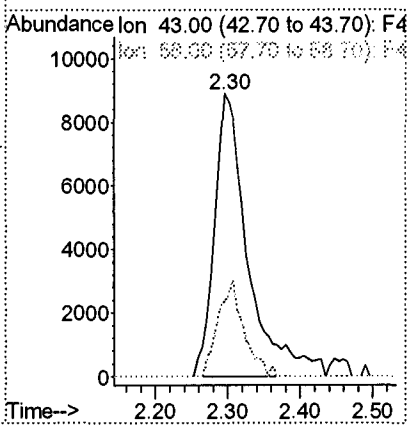


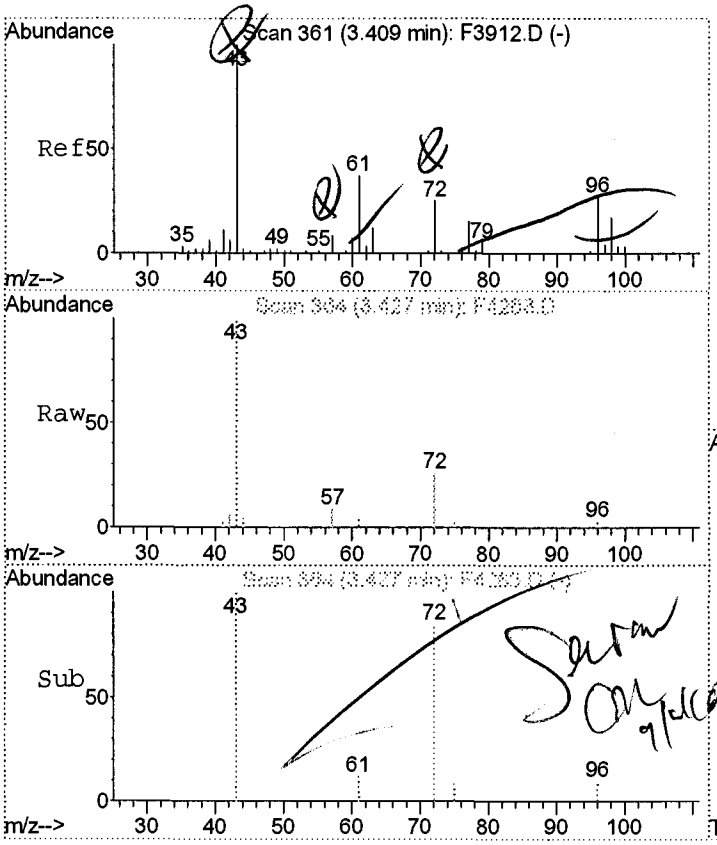


#14
C035 Acetone
Concen: 159.22 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4263.D
Acq: 4 Sep 2008 15:28

Tgt Ion: 43 Resp: 28615

Ion	Ratio	Lower	Upper
43	100		
58	26.4	3.0	63.0

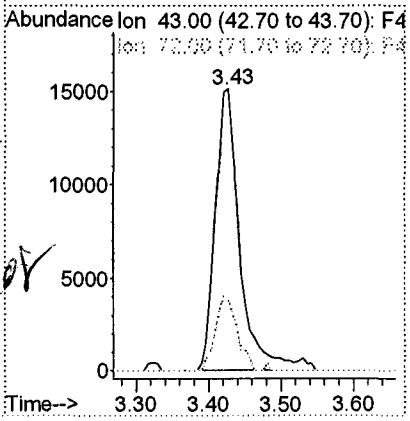




#35
C110 2-Butanone
Concen: 87.63 ng
RT: 3.43 min Scan# 364
Delta R.T. 0.01 min
Lab File: F4263.D
Acq: 4 Sep 2008 15:28

Tgt Ion: 43 Resp: 35847

Ion	Ratio	Lower	Upper
43	100		
72	25.9	0.0	58.5



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F4267.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	6	BJ
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	11	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F4267.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

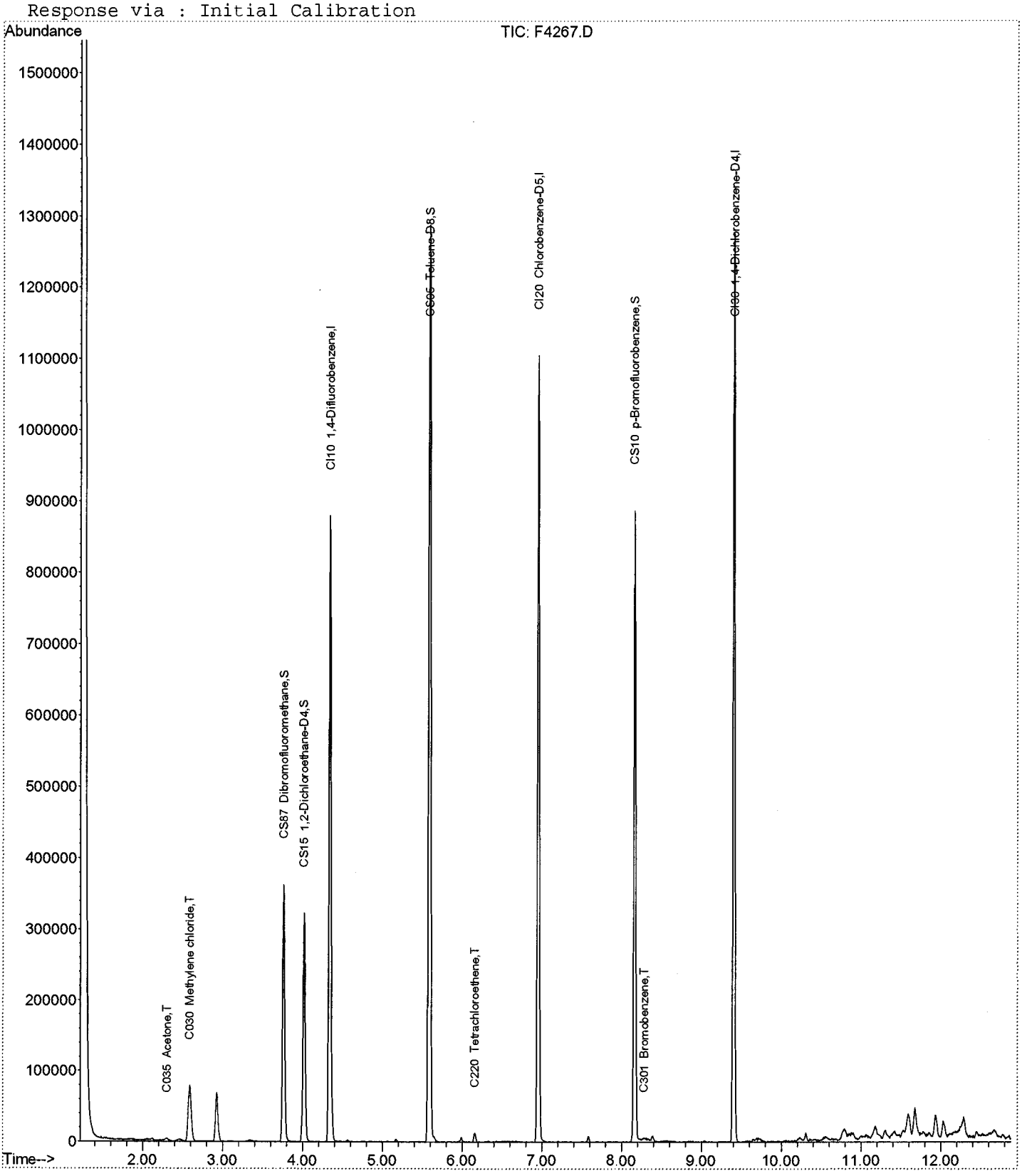
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	1	J
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	16	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\090408\F4267.D Vial: 16
Acq On : 4 Sep 2008 17:09 Operator: LH
Sample : A8A71801 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 17:37 2008 Quant Results File: A8I00000621.RES

5.17

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4267.D Vial: 16
Acq On : 4 Sep 2008 17:09 Operator: LH
Sample : A8A71801 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 17:38:29 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090408\F4252.D (4 Sep 2008 10:48)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	806569	250.00	ng	0.00 98.29%
43) CI20 Chlorobenzene-D5	6.96	82	348214	250.00	ng	0.00 99.56%
63) CI30 1,4-Dichlorobenzene-	9.41	152	381038	250.00	ng	0.00 98.42%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	235134	261.48	ng	0.00
Spiked Amount 250.000	Range 70 - 130		Recovery = 104.59%			
32) CS15 1,2-Dichloroethane-D	4.02	65	217806	227.63	ng	0.00
Spiked Amount 250.000	Range 64 - 126		Recovery = 91.05%			
44) CS05 Toluene-D8	5.59	98	895164	275.53	ng	0.00
Spiked Amount 250.000	Range 71 - 125		Recovery = 110.21%			
62) CS10 p-Bromofluorobenzene	8.17	174	292411	269.89	ng	0.00
Spiked Amount 250.000	Range 72 - 126		Recovery = 107.96%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.59	84	50850	50.77	ng	98
11) C040 Carbon disulfide	2.45	76	8270	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	5501	28.83	ng	92
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.64	83	328	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

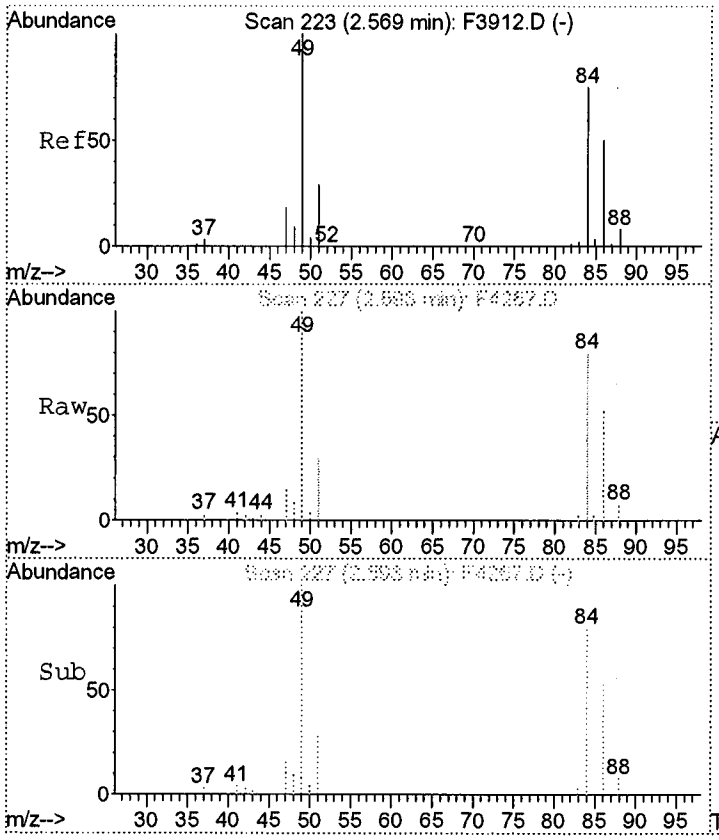
Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4267.D Vial: 16
Acq On : 4 Sep 2008 17:09 Operator: LH
Sample : A8A71801 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 17:38:29 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.08	78	721	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	0.00	43	0	N.D.	
36)	C150	Trichloroethene	4.56	95	991	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	2788	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	3285	N.D.	
50)	C220	Tetrachloroethene	6.16	166	4277	5.32 ng	92
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.08	91	689	N.D.	
58)	C246	m,p-Xylene	7.20	106	456	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	8.28	156	24122	23.25 ng	# 1
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.43	91	325	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.56	105	267	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	2081	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	2081	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	3724	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	3724	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	9.79	91	138	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	10.30	75	138	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	7591	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

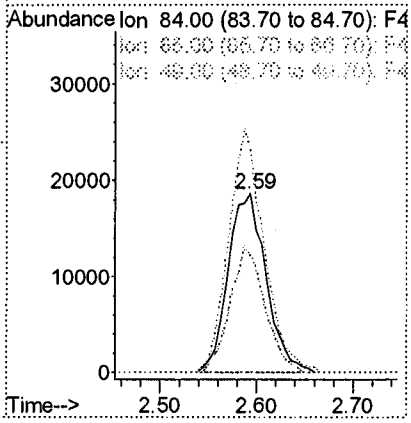
(#) = qualifier out of range (m) = manual integration

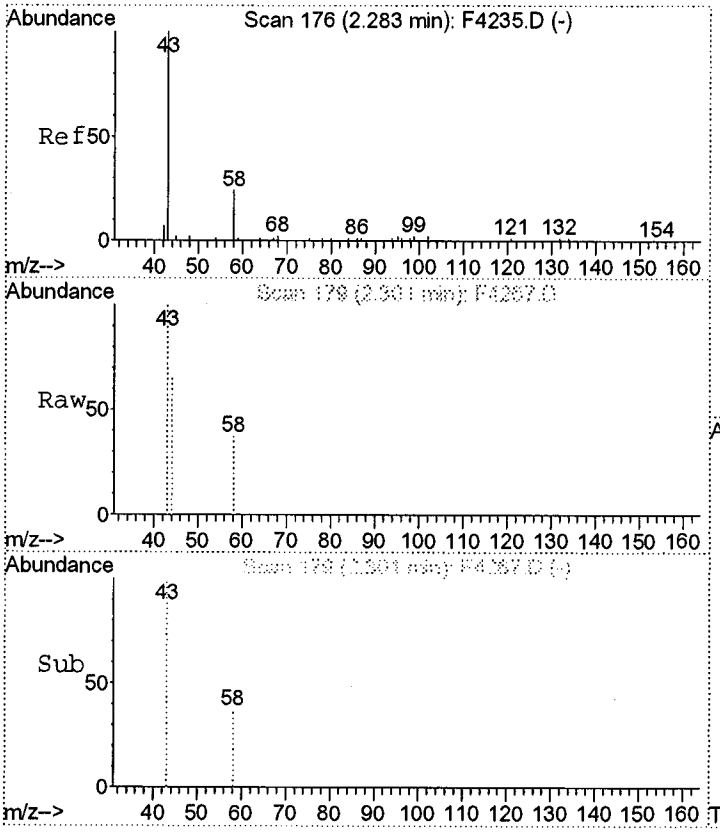


#10
C030 Methylene chloride
Concen: 50.77 ng
RT: 2.59 min Scan# 227
Delta R.T. 0.02 min
Lab File: F4267.D
Acq: 4 Sep 2008 17:09

Tgt Ion: 84 Resp: 50850

Ion	Ratio	Lower	Upper
84	100		
86	65.7	40.0	100.0
49	124.4	95.0	155.0

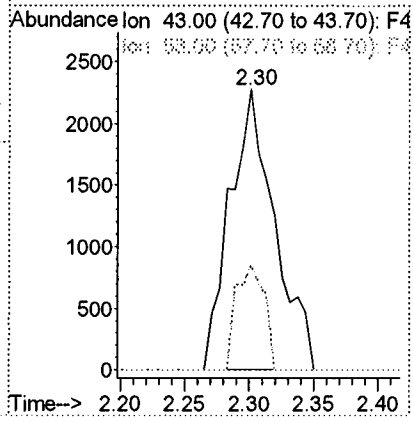


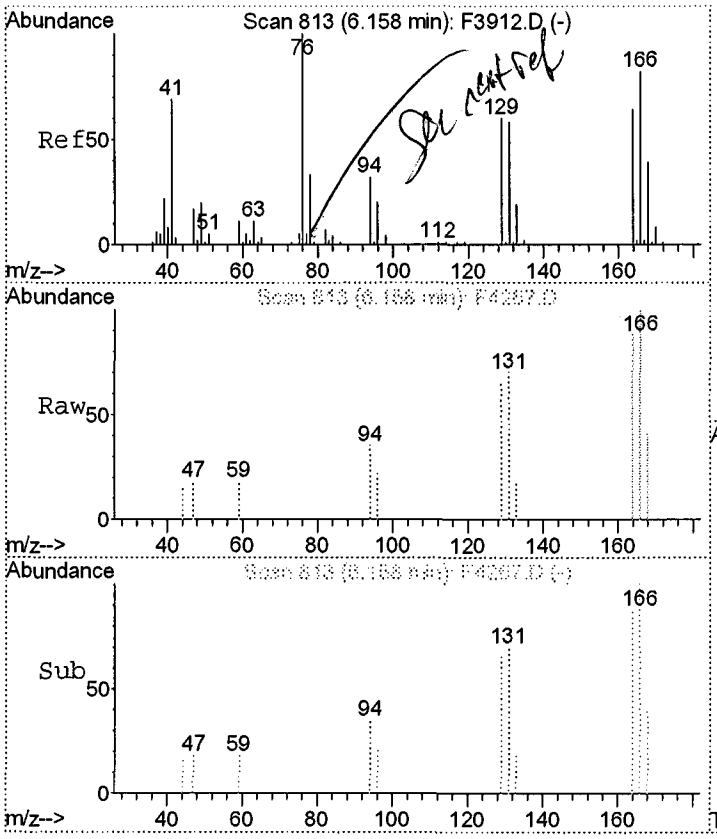


#14
C035 Acetone
Concen: 28.83 ng
RT: 2.30 min Scan# 179
Delta R.T. 0.01 min
Lab File: F4267.D
Acq: 4 Sep 2008 17:09

Tgt Ion: 43 Resp: 5501

Ion	Ratio	Lower	Upper
43	100		
58	37.4	3.0	63.0

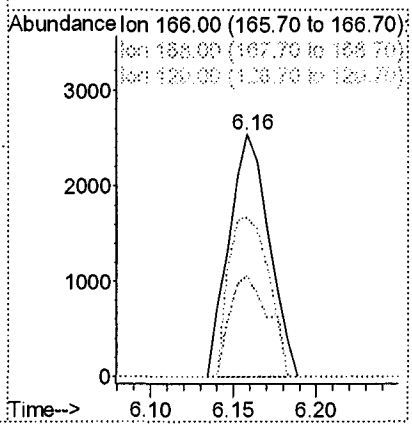


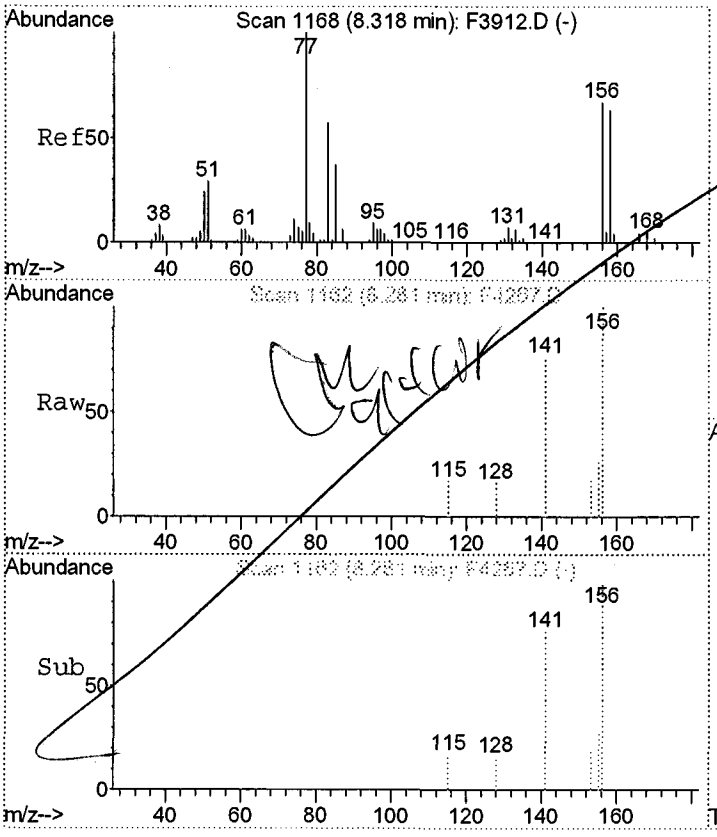


#50
C220 Tetrachloroethene
Concen: 5.32 ng
RT: 6.16 min Scan# 813
Delta R.T. -0.00 min
Lab File: F4267.D
Acq: 4 Sep 2008 17:09

Tgt Ion:166 Resp: 4277

Ion	Ratio	Lower	Upper
166	100		
168	41.4	21.4	81.4
129	66.5	34.7	94.7

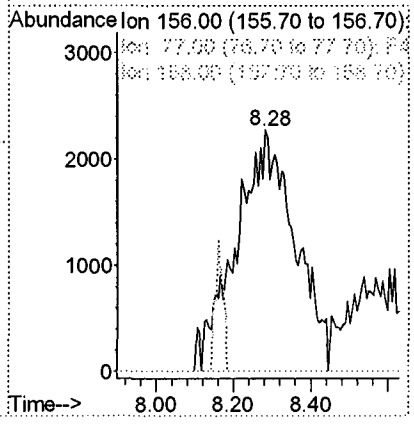




#65
C301 Bromobenzene
Concen: 23.25 ng
RT: 8.28 min Scan# 1162
Delta R.T. -0.04 min
Lab File: F4267.D
Acq: 4 Sep 2008 17:09

Tgt Ion:156 Resp: 24122

Ion	Ratio	Lower	Upper
156	100		
77	0.0	133.1	193.1#
158	0.0	62.9	122.9#

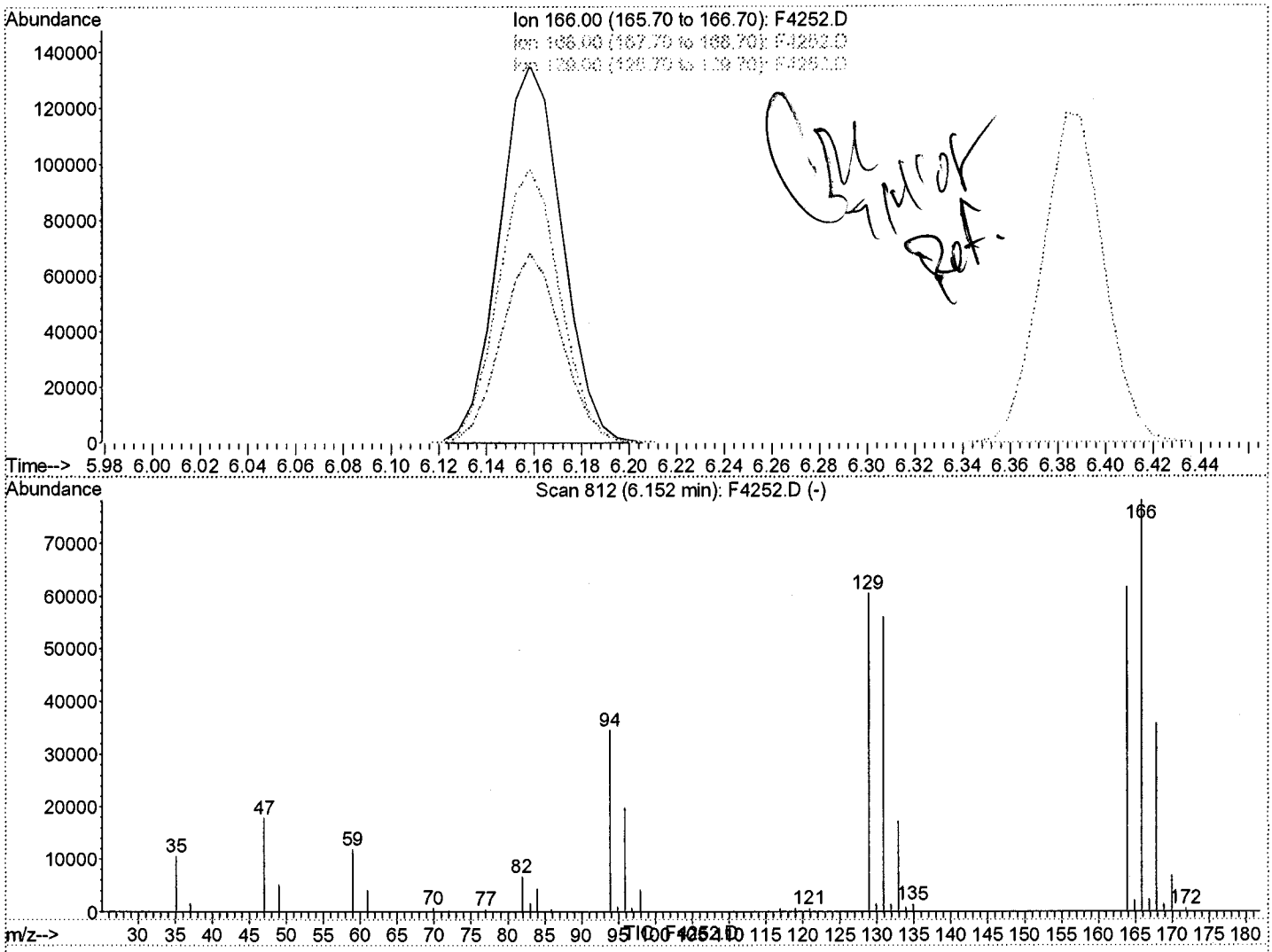


Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4252.D
Acq On : 4 Sep 2008 10:48
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:40:56 2008
Response via : Initial Calibration



(50) C220 Tetrachloroethene

Exp R.T. 6.16min

response 0

Ion	Exp%	Act%
166.00	100	100
168.00	51.40	50.78
129.00	64.70	64.32
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F4183.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	21	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon Disulfide	1	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	12	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	12	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	12	U
108-87-2	Methylcyclohexane	12	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F4183.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	18	U

Quantitation Report (Not Reviewed)

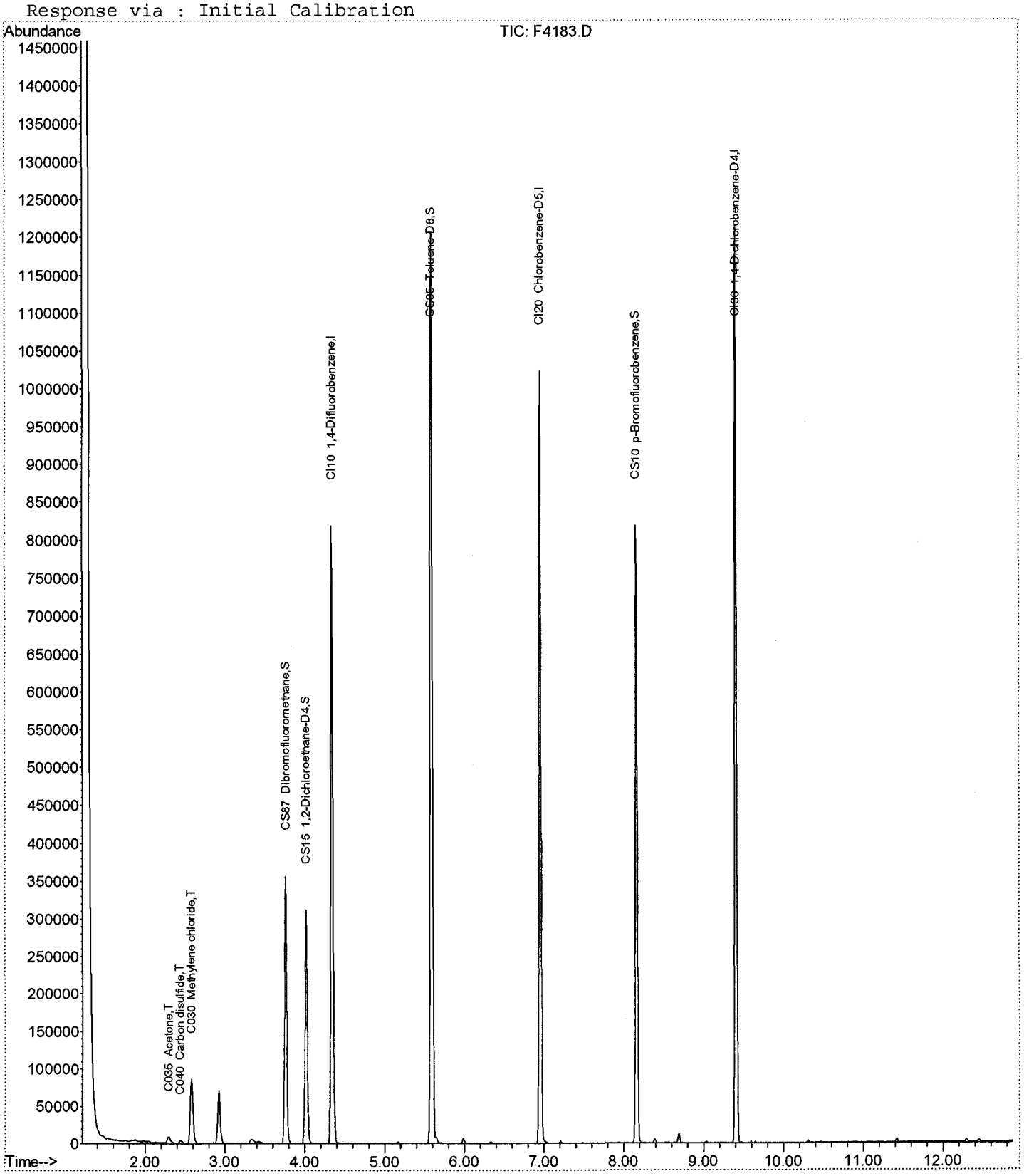
Data File : H:\GCMS_VOA\F\082808\F4183.D
Acq On : 28 Aug 2008 18:37
Sample : A8A47507
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008

Vial: 19
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.19

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4183.D Vial: 19
Acq On : 28 Aug 2008 18:37 Operator: LH
Sample : A8A47507 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:38 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

SFE 8/29/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	747589	250.00	ng	0.00 96.41%
43) CI20	Chlorobenzene-D5	6.96	82	326311	250.00	ng	0.00 95.86%
63) CI30	1,4-Dichlorobenzene-	9.41	152	367430	250.00	ng	0.00 94.33%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	225998	271.14	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	108.46%		
32) CS15	1,2-Dichloroethane-D	4.02	65	209544	236.27	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	94.51%		
44) CS05	Toluene-D8	5.59	98	847062	278.22	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	111.29%		
62) CS10	p-Bromofluorobenzene	8.17	174	271533	267.44	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	106.98%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	49077	53.36	ng	95
11) C040	Carbon disulfide	2.45	76	9107	5.03	ng	77
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	15907	89.93	ng	97
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	0.00	43	0	N.D.		
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.65	83	142	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

9/2/08

(#) = qualifier out of range (m) = manual integration

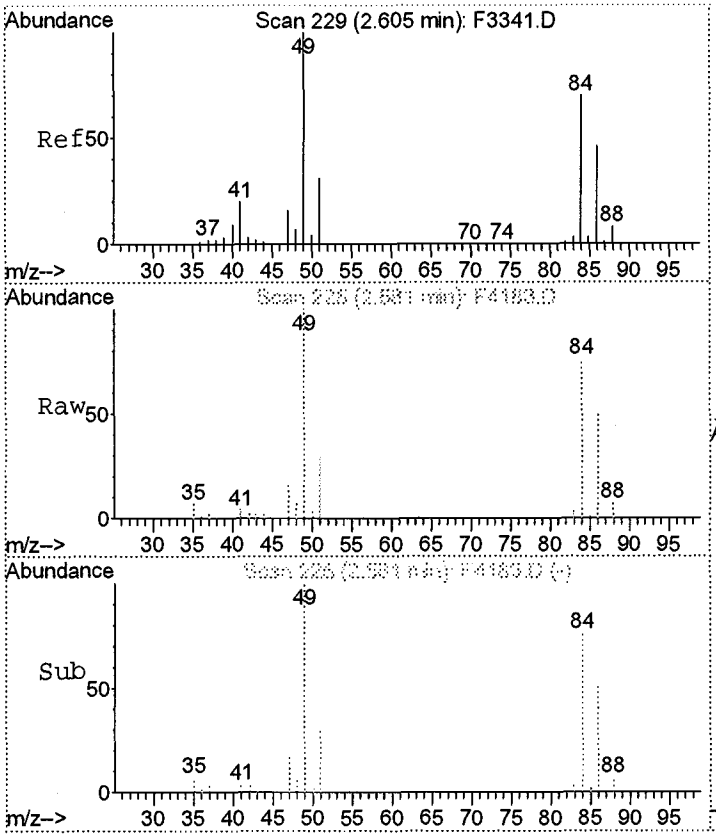
Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4183.D Vial: 19
Acq On : 28 Aug 2008 18:37 Operator: LH
Sample : A8A47507 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:38 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.08	78	1625	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.42	43	3455	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	3606	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	2936	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	6.33	43	293	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	787	N.D.	
58)	C246	m,p-Xylene	7.21	106	1349	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.64	105	696	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1718	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1718	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	2360	N.D.	
77)	C309	p-Cymene (4-Isopropy	9.38	119	150	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	2360	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	9.60	91	283	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	4842	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

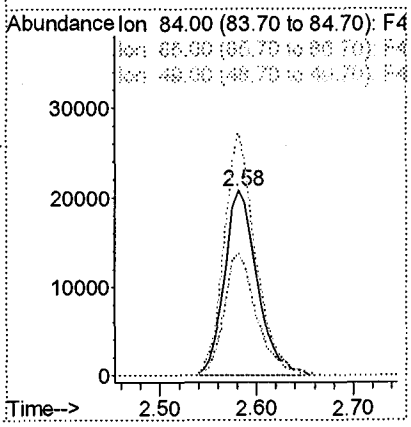
(#) = qualifier out of range (m) = manual integration

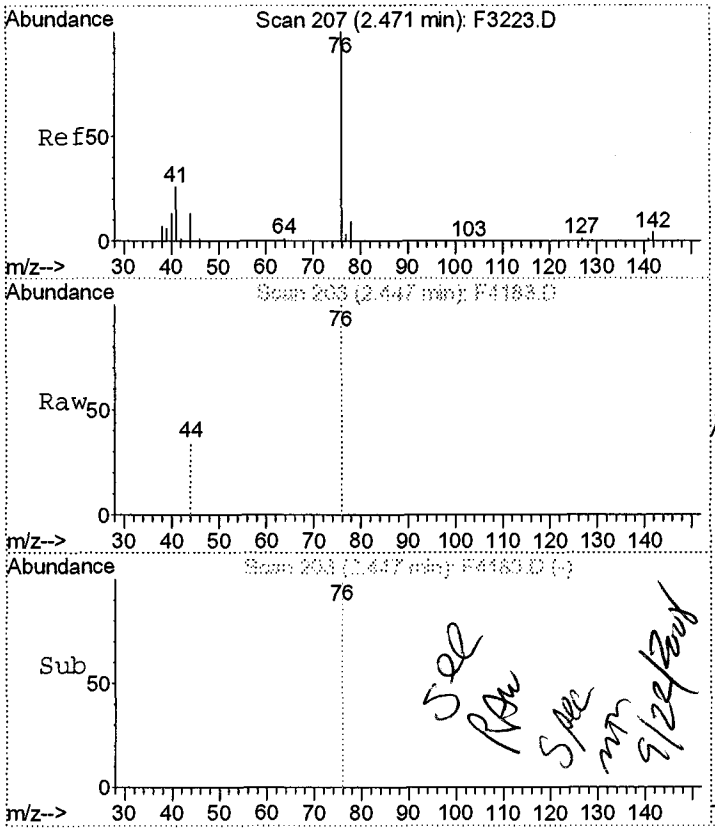


#10
C030 Methylene chloride
Concen: 53.36 ng
RT: 2.58 min Scan# 225
Delta R.T. 0.01 min
Lab File: F4183.D
Acq: 28 Aug 2008 18:37

Tgt Ion: 84 Resp: 49077

Ion	Ratio	Lower	Upper
84	100		
86	66.6	40.0	100.0
49	131.1	95.0	155.0

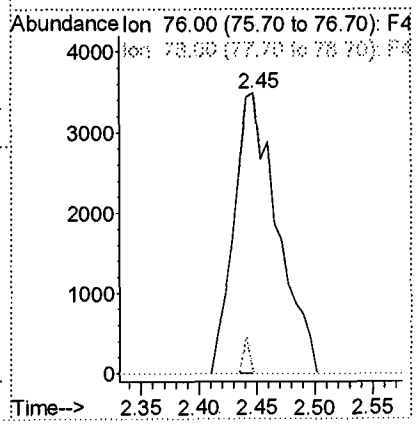




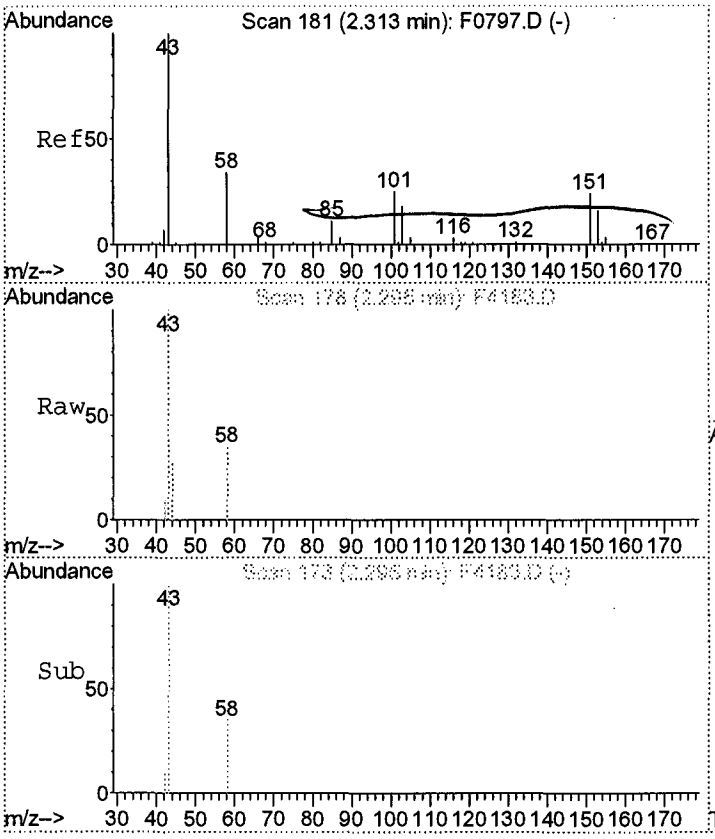
#11
C040 Carbon disulfide
Concen: 5.03 ng
RT: 2.45 min Scan# 203
Delta R.T. 0.01 min
Lab File: F4183.D
Acq: 28 Aug 2008 18:37

Tgt Ion: 76 Resp: 9107

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	38.0



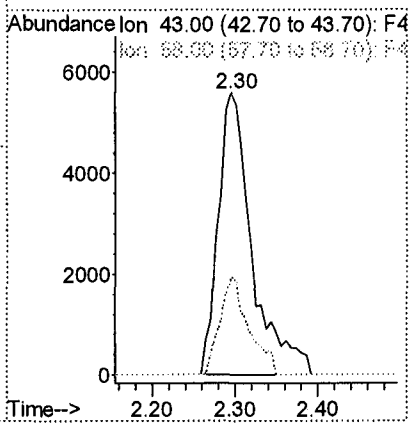
See Raw Spec mr 9/29/2008



#14
C035 Acetone
Concen: 89.93 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4183.D
Acq: 28 Aug 2008 18:37

Tgt Ion: 43 Resp: 15907

Ion	Ratio	Lower	Upper
43	100		
58	34.7	3.0	63.0



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F4245.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	110	B
71-43-2	Benzene	2	J
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	15	
75-15-0	Carbon Disulfide	3	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	9	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F4245.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 09/03/2008

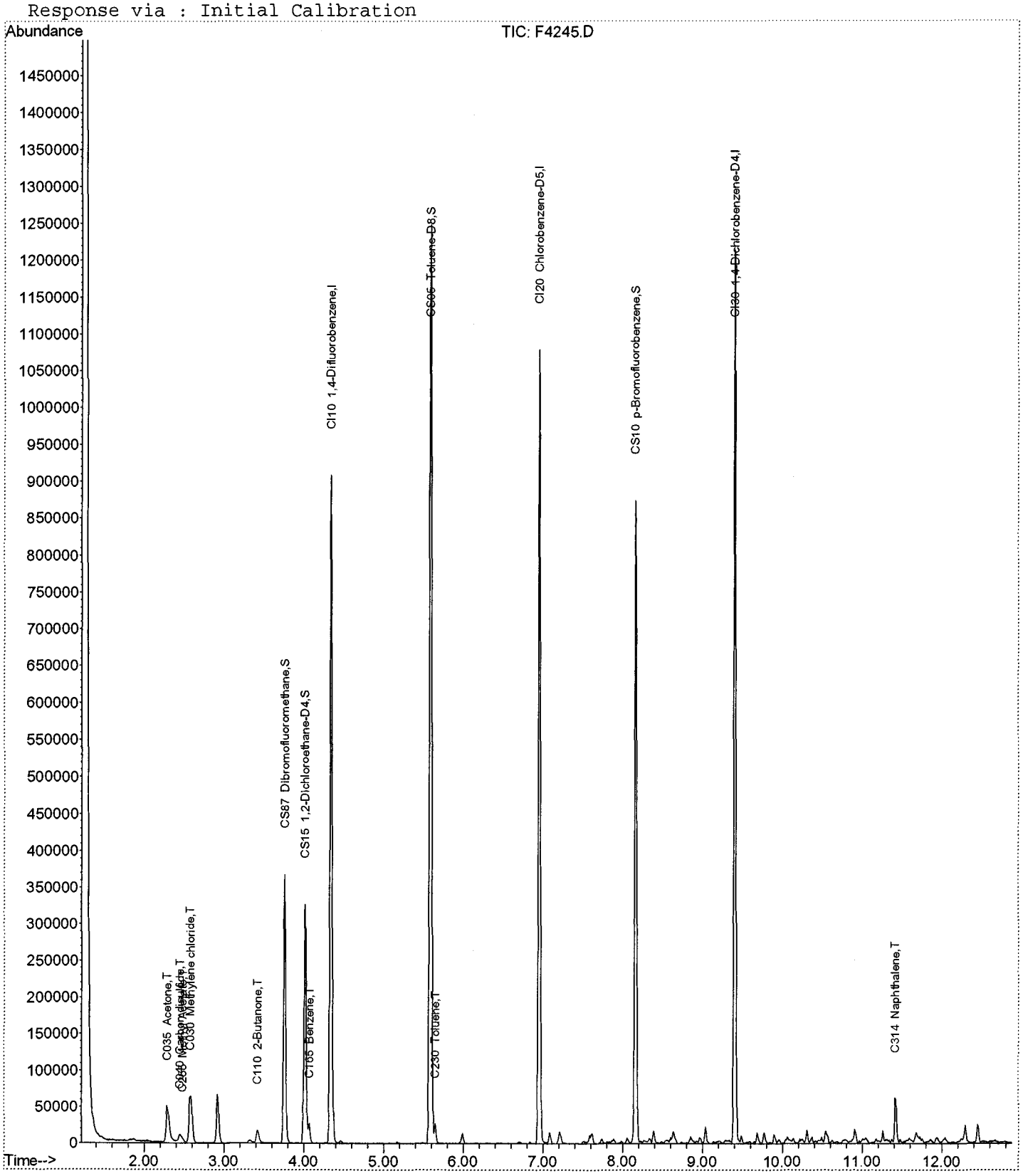
GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	1	BJ
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Data File : H:\GCMS_VOA\F\090308\F4245.D Vial: 11
Acq On : 3 Sep 2008 14:23 Operator: LH
Sample : A8A62903 Inst : HP5973F
Misc : 5.09 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 17:05 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4245.D
Acq On : 3 Sep 2008 14:23
Sample : A8A62903
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:05:59 2008

Vial: 11
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090308\F4235.D (3 Sep 2008 10:02)

9/3/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	810731	250.00	ng	0.00 98.91%
43) CI20	Chlorobenzene-D5	6.96	82	346719	250.00	ng	0.00 100.33%
63) CI30	1,4-Dichlorobenzene-	9.41	152	377200	250.00	ng	0.00 96.65%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	236967	262.16	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	104.86%		
32) CS15	1,2-Dichloroethane-D	4.02	65	223383	232.26	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	92.90%		
44) CS05	Toluene-D8	5.59	98	894529	276.52	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	110.61%		
62) CS10	p-Bromofluorobenzene	8.17	174	291562	270.26	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	108.10%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.59	84	42994	40.80	ng	93
11) C040	Carbon disulfide	2.45	76	27374	13.93	ng	100
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.29	43	91041	474.60	ng	96
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	2.49	43	5106	5.05	ng #	52
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	3.65	42	351	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

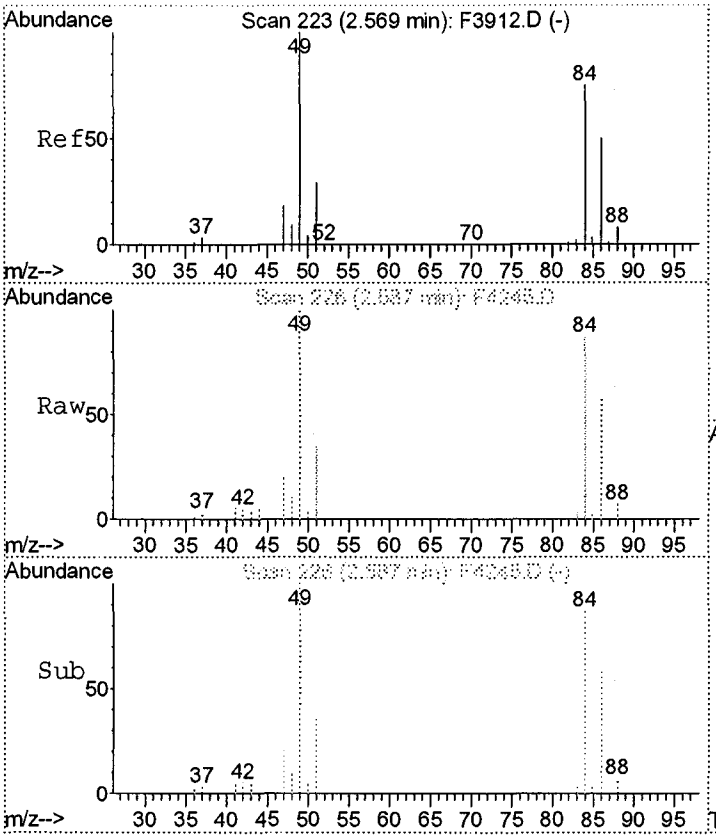
Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4245.D Vial: 11
Acq On : 3 Sep 2008 14:23 Operator: LH
Sample : A8A62903 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:05:59 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) C165	Benzene	4.07	78	22180	6.95 ng	94
34) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35) C110	2-Butanone	3.43	43	28191	64.56 ng	92
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38) C012	Methylcyclohexane	0.00	83	0	N.D.	
39) C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40) C278	Dibromomethane	0.00	93	0	N.D.	
41) C130	Bromodichloromethane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45) C230	Toluene	5.65	92	12607	6.02 ng	97
46) C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentanone	5.58	43	3201	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52) C155	Dibromochloromethane	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	6.18	43	263	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.09	91	10006	N.D.	
58) C246	m,p-Xylene	7.20	106	5897	N.D.	
59) C247	o-Xylene	7.62	106	4193	N.D.	
60) C245	Styrene	7.62	104	1382	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	8.00	105	2075	N.D.	
65) C301	Bromobenzene	8.32	156	2542	N.D.	
66) C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	8.44	91	2295	N.D.	
70) C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylbenze	8.63	105	8977	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylbenze	9.04	105	13062	N.D.	
75) C308	sec-Butylbenzene	9.22	105	510	N.D.	
76) C260	1,3-Dichlorobenzene	9.43	146	3584	N.D.	
77) C309	p-Cymene (4-Isopropy	9.38	119	1148	N.D.	
78) C267	1,4-Dichlorobenzene	9.43	146	3584	N.D.	
79) C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	9.78	91	1246	N.D.	
81) C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82) C313	1,2,4-Trichlorobenze	11.23	180	140	N.D.	
83) C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84) C314	Naphthalene	11.42	128	46054	12.21 ng	96
85) C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

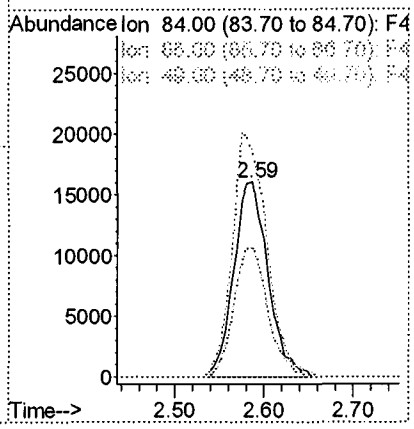
(#) = qualifier out of range (m) = manual integration

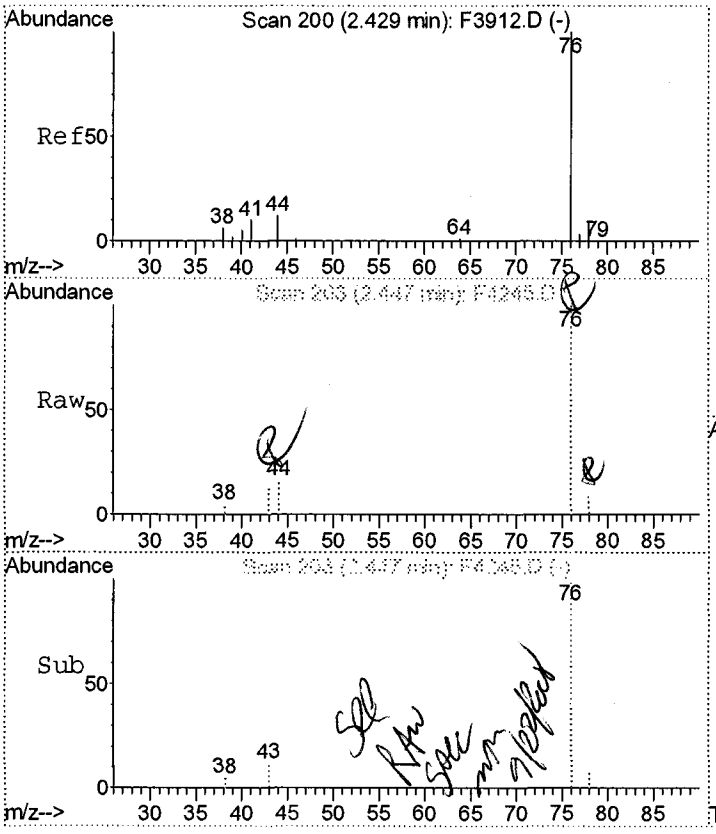


#10
C030 Methylene chloride
Concen: 40.80 ng
RT: 2.59 min Scan# 226
Delta R.T. 0.01 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 84 Resp: 42994

Ion	Ratio	Lower	Upper
84	100		
86	66.4	40.0	100.0
49	114.5	95.0	155.0

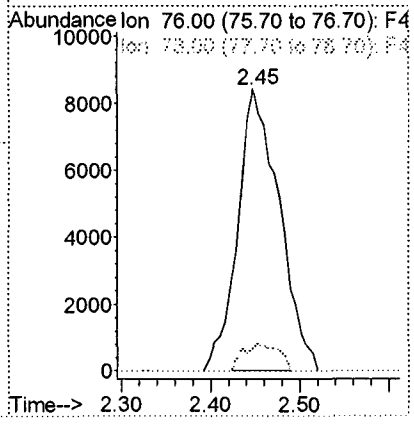


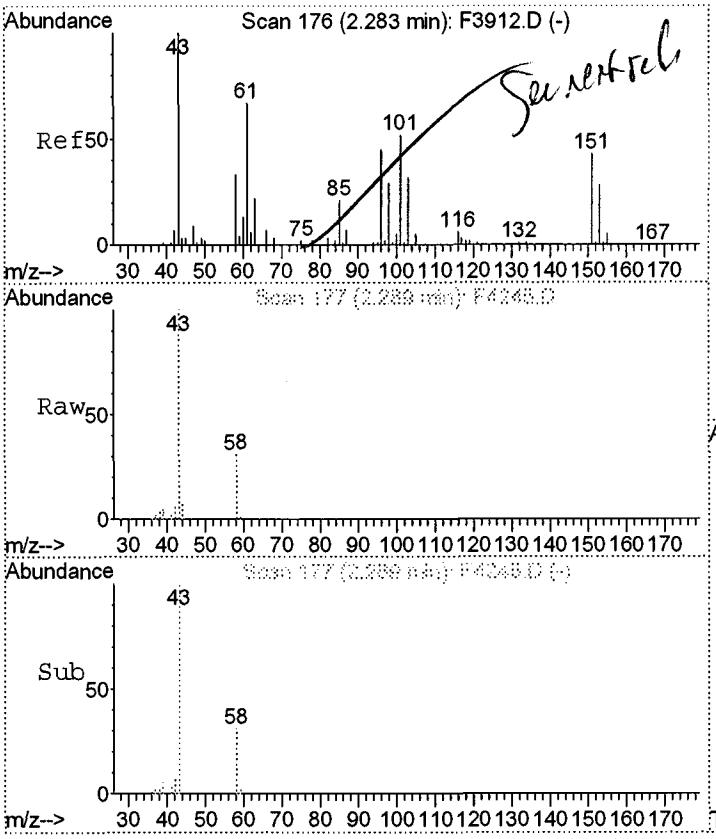


#11
C040 Carbon disulfide
Concen: 13.93 ng
RT: 2.45 min Scan# 203
Delta R.T. 0.01 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 76 Resp: 27374

Ion	Ratio	Lower	Upper
76	100		
78	7.9	0.0	38.0

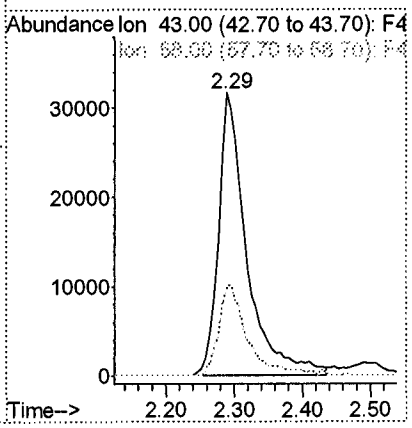


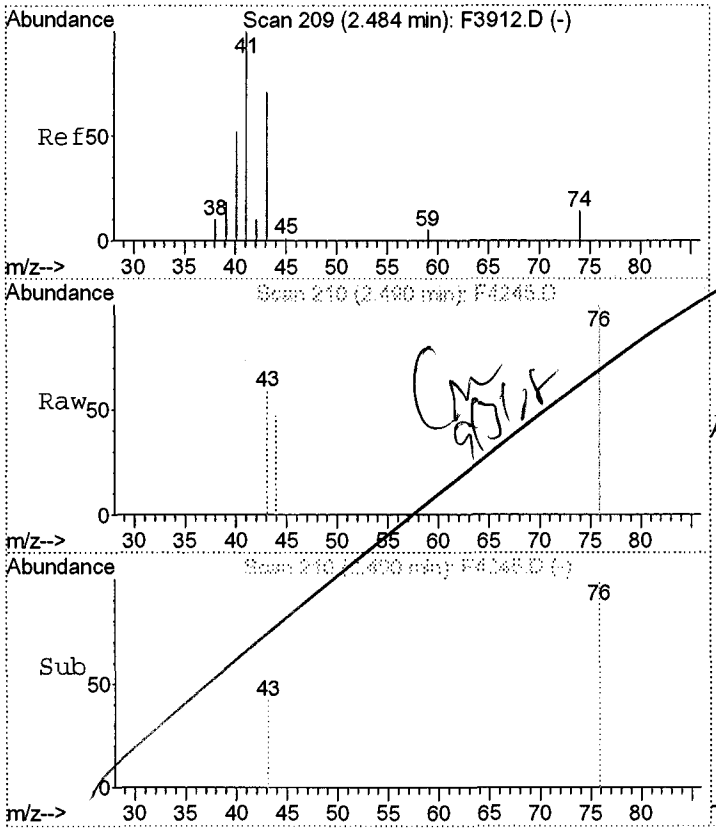


#14
C035 Acetone
Concen: 474.60 ng
RT: 2.29 min Scan# 177
Delta R.T. 0.00 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 43 Resp: 91041

Ion	Ratio	Lower	Upper
43	100		
58	31.0	3.0	63.0

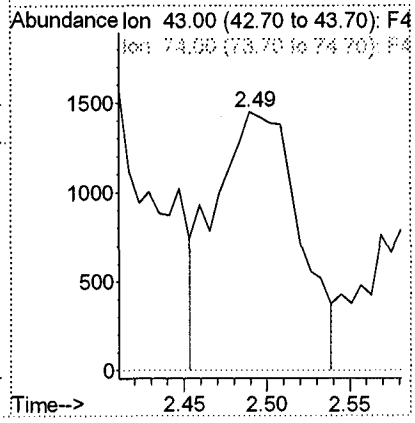




#17
C255 Methyl Acetate
Concen: 5.05 ng
RT: 2.49 min Scan# 210
Delta R.T. 0.00 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 43 Resp: 5106

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.9	28.3#

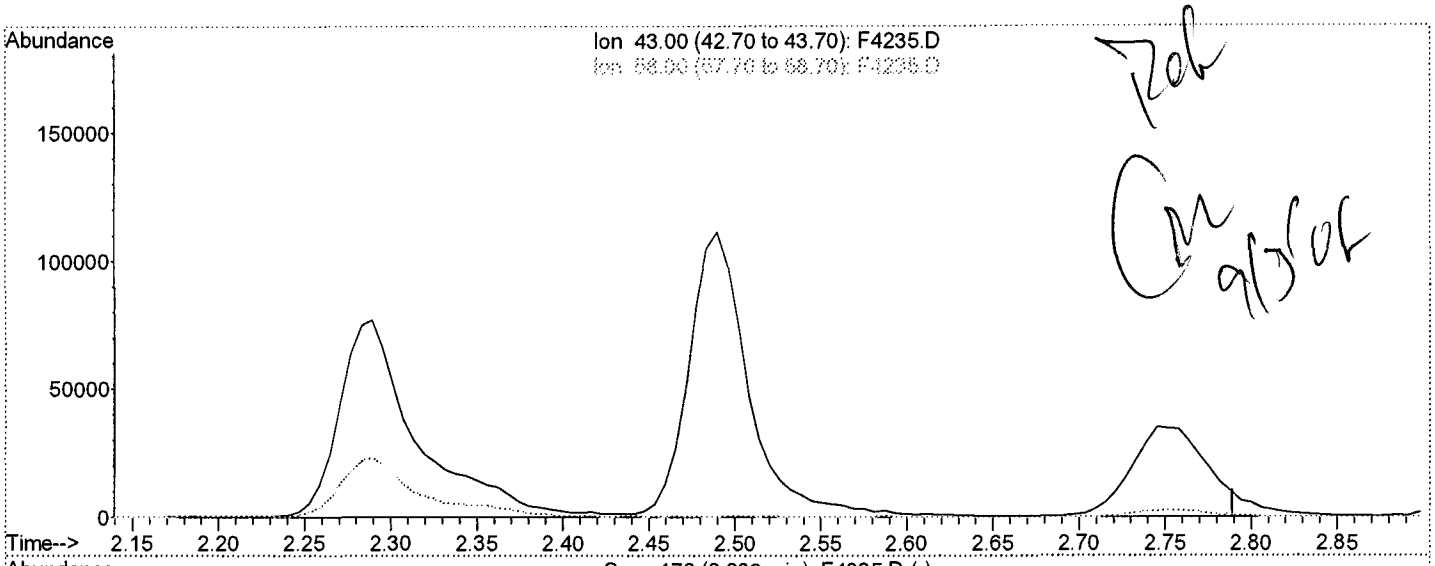


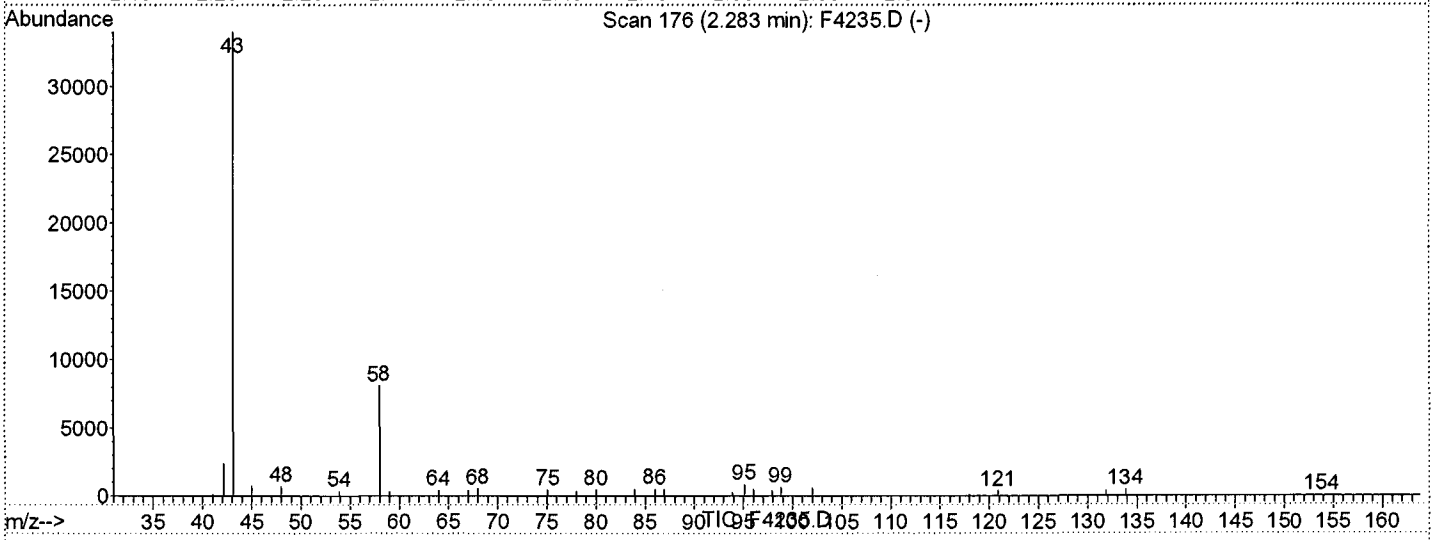
Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4235.D
Acq On : 3 Sep 2008 10:02
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration



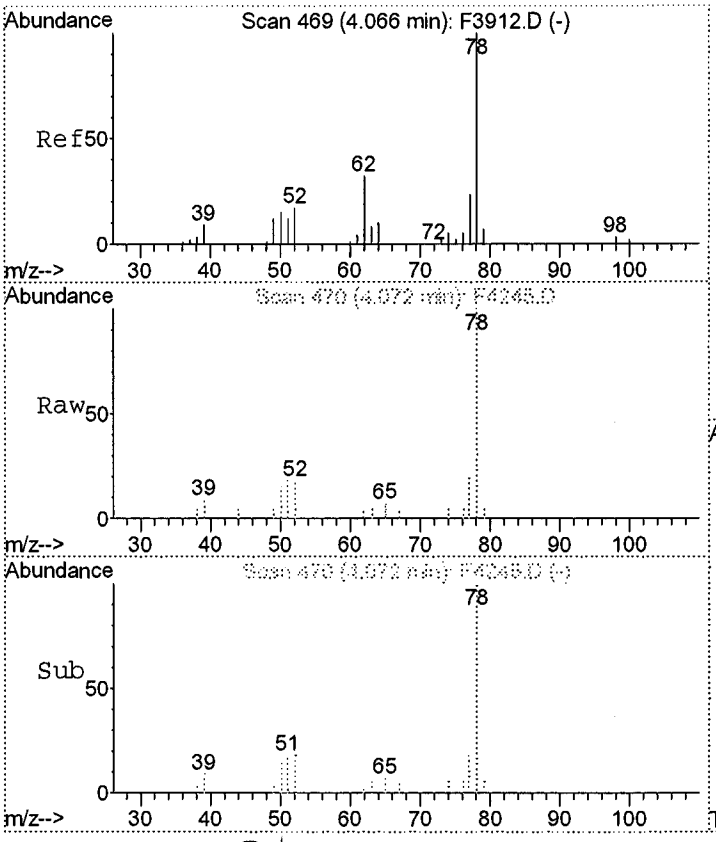


(14) C035 Acetone

Exp R.T. 2.29min

response 0

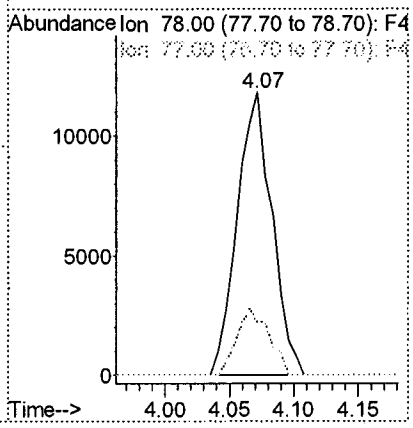
Ion	Exp%	Act%
43.00	100	100
58.00	33.00	37.79
0.00	0.00	0.00
0.00	0.00	0.00

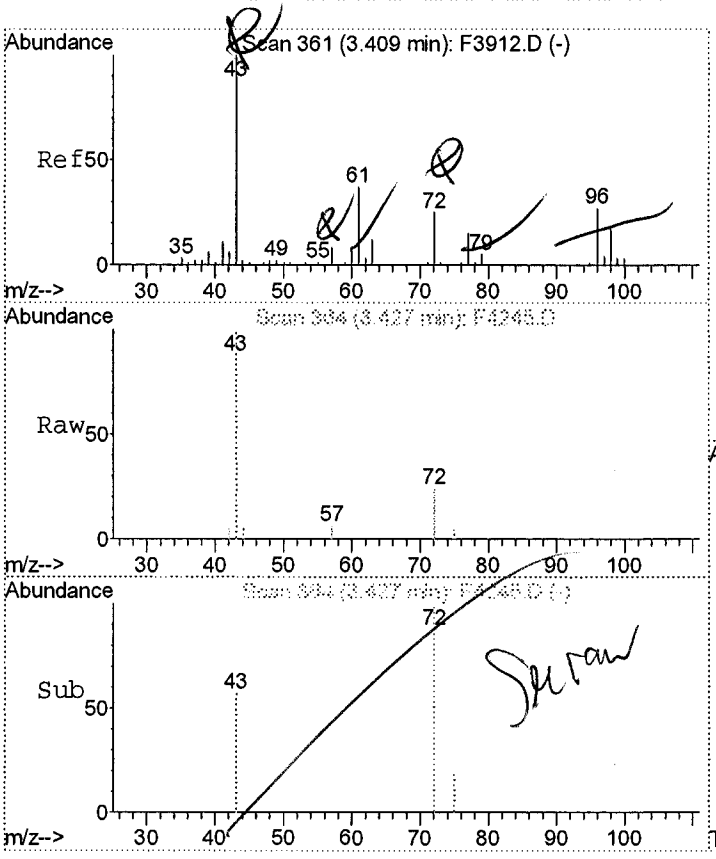


#33
C165 Benzene
Concen: 6.95 ng
RT: 4.07 min Scan# 470
Delta R.T. 0.01 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 78 Resp: 22180

Ion	Ratio	Lower	Upper
78	100		
77	19.1	0.0	52.0

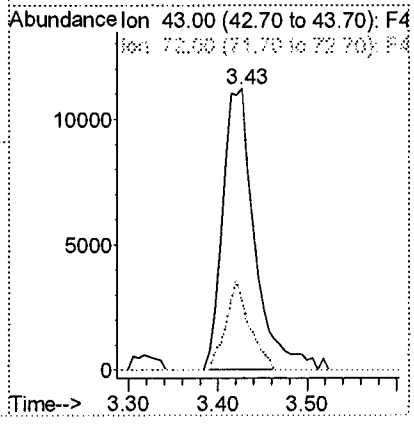


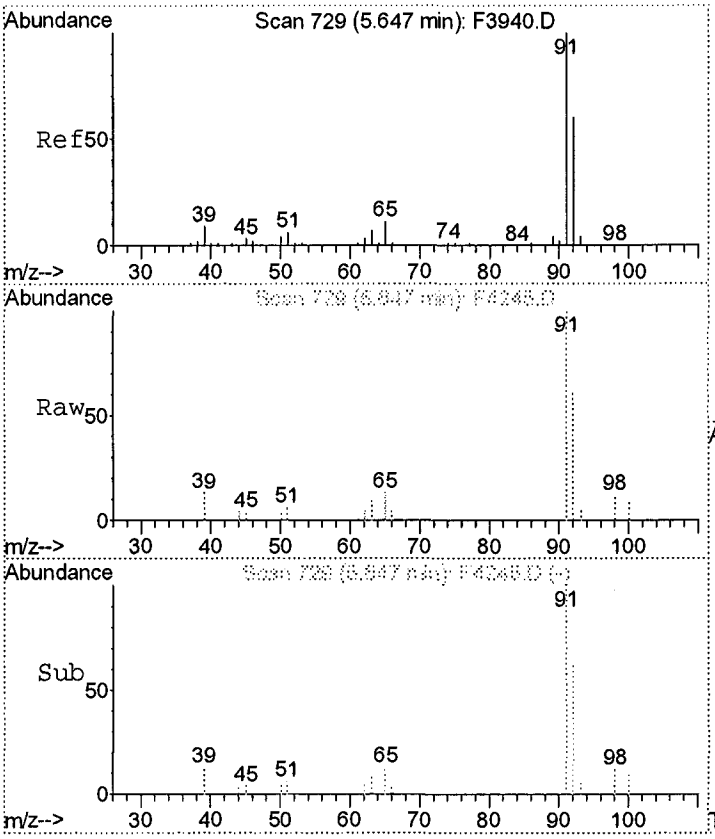


#35
C110 2-Butanone
Concen: 64.56 ng
RT: 3.43 min Scan# 364
Delta R.T. 0.01 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 43 Resp: 28191

Ion	Ratio	Lower	Upper
43	100		
72	24.1	0.0	58.5

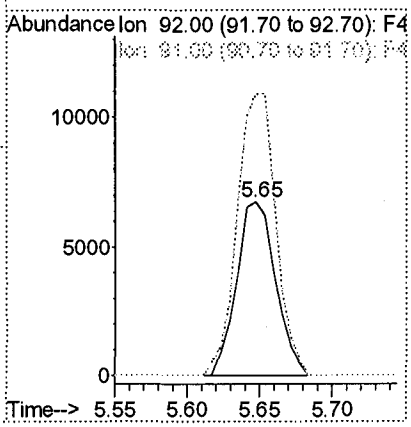


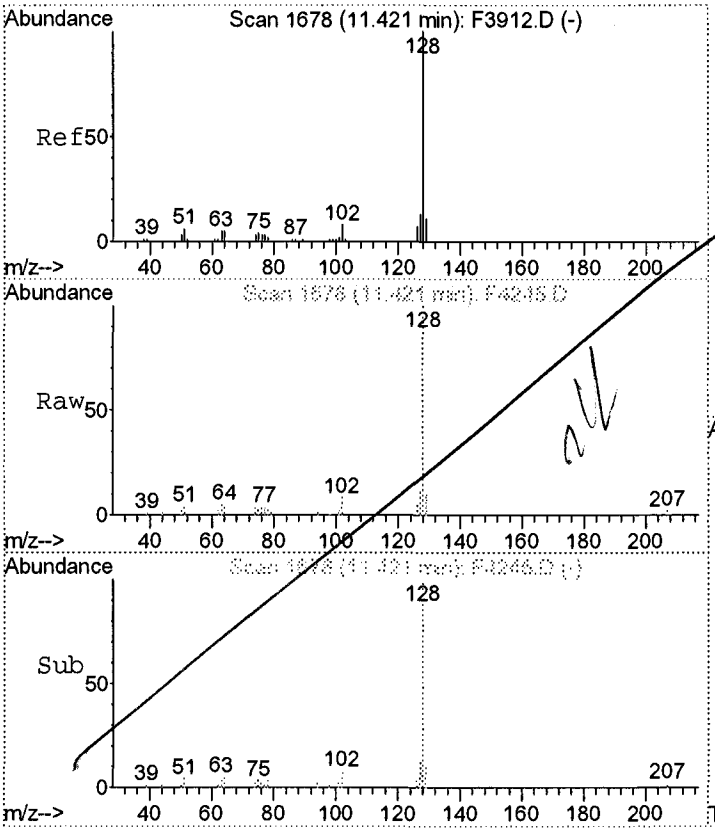


#45
C230 Toluene
Concen: 6.02 ng
RT: 5.65 min Scan# 729
Delta R.T. 0.00 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion: 92 Resp: 12607

Ion	Ratio	Lower	Upper
92	100		
91	160.9	126.9	186.9

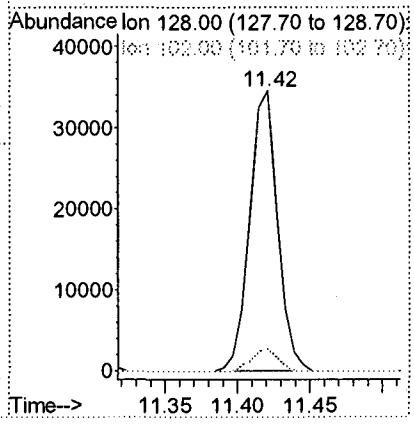




#84
C314 Naphthalene
Concen: 12.21 ng
RT: 11.42 min Scan# 1678
Delta R.T. 0.01 min
Lab File: F4245.D
Acq: 3 Sep 2008 14:23

Tgt Ion:128 Resp: 46054

Ion	Ratio	Lower	Upper
128	100		
102	7.9	0.0	39.4



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4246.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	44	B
71-43-2	Benzene	4	J
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	12	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	12	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	12	U
108-87-2	Methylcyclohexane	12	U
75-09-2	Methylene chloride	8	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4246.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	18	U

Quantitation Report (Not Reviewed)

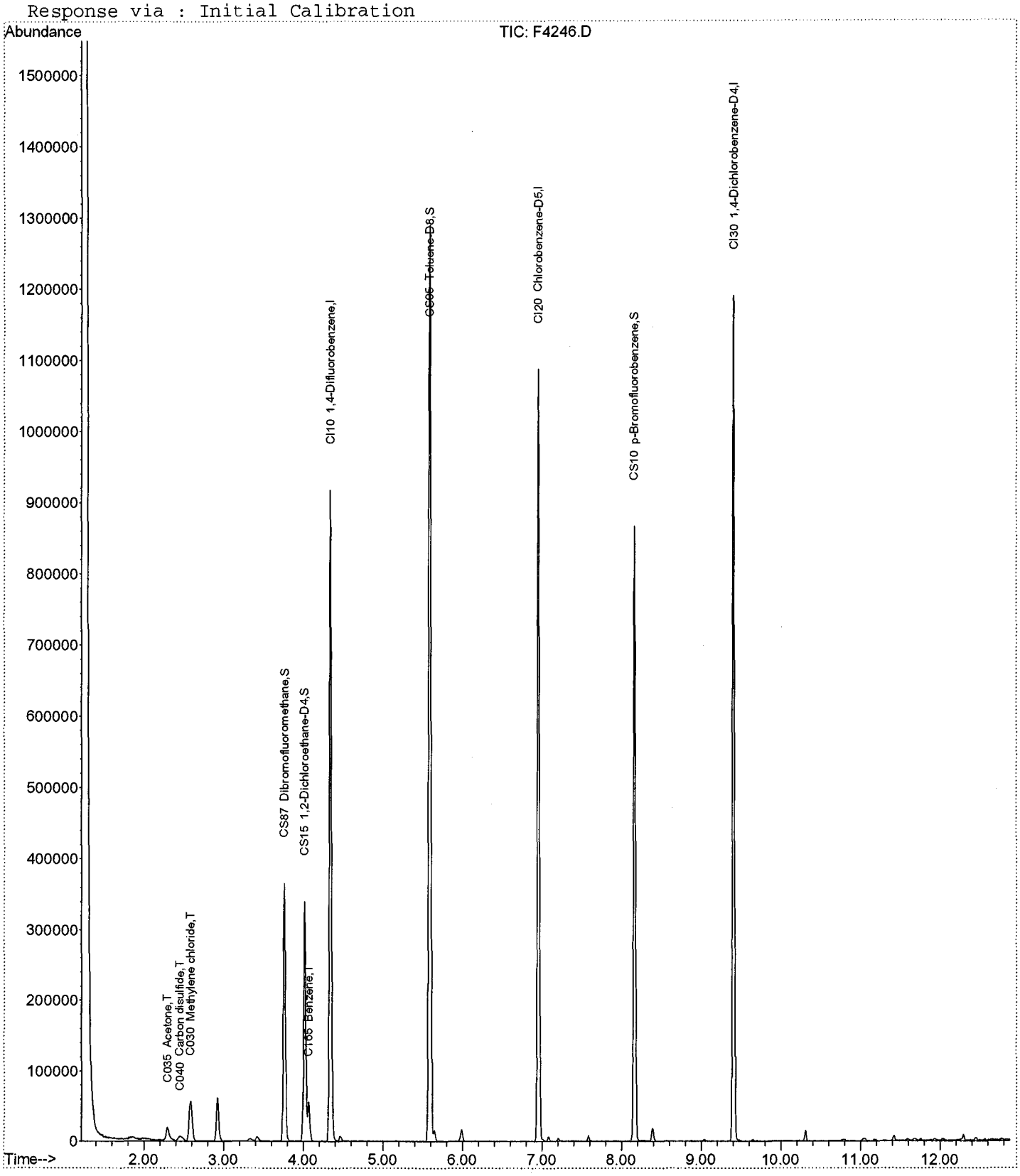
Data File : H:\GCMS_VOA\F\090308\F4246.D
Acq On : 3 Sep 2008 14:48
Sample : A8A62904
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 17:05 2008

Vial: 12
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.0

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4246.D Vial: 12
Acq On : 3 Sep 2008 14:48 Operator: LH
Sample : A8A62904 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:06:07 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090308\F4235.D (3 Sep 2008 10:02)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	808733	250.00	ng	0.00 98.67%
43) CI20 Chlorobenzene-D5	6.96	82	342291	250.00	ng	0.00 99.05%
63) CI30 1,4-Dichlorobenzene-	9.41	152	367940	250.00	ng	0.00 94.27%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	237186	263.05	ng	0.00
Spiked Amount 250.000	Range 70 - 130		Recovery = 105.22%			
32) CS15 1,2-Dichloroethane-D	4.02	65	224231	233.72	ng	0.00
Spiked Amount 250.000	Range 64 - 126		Recovery = 93.49%			
44) CS05 Toluene-D8	5.59	98	895197	280.31	ng	0.00
Spiked Amount 250.000	Range 71 - 125		Recovery = 112.12%			
62) CS10 p-Bromofluorobenzene	8.16	174	291288	273.50	ng	0.00
Spiked Amount 250.000	Range 72 - 126		Recovery = 109.40%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.59	84	36573	33.03	ng	98
11) C040 Carbon disulfide	2.45	76	17763	9.06	ng	98
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	34689	181.28	ng	95
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	2.49	43	3857	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.64	83	143	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

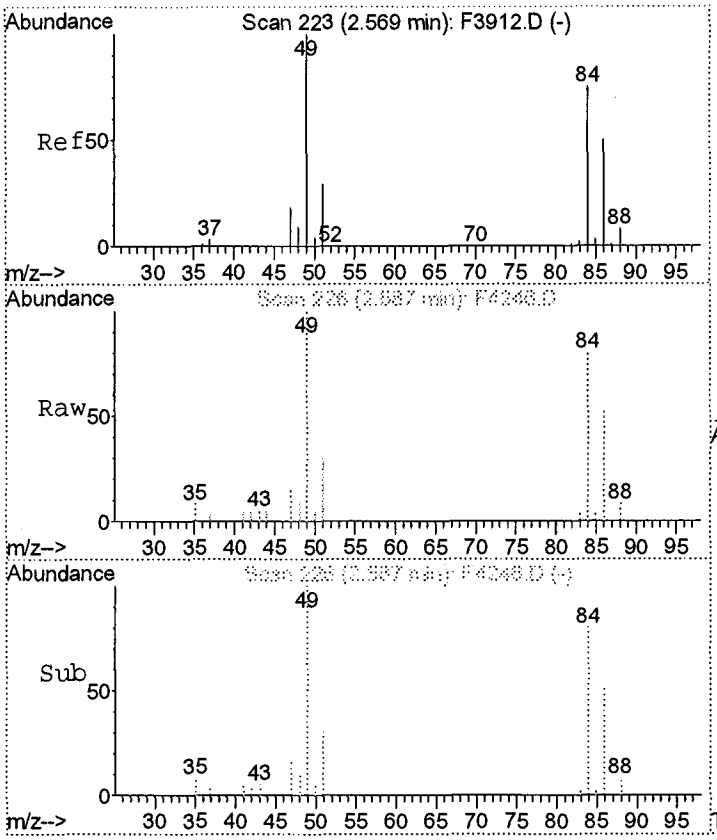
Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4246.D Vial: 12
Acq On : 3 Sep 2008 14:48 Operator: LH
Sample : A8A62904 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:06:07 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	51993	16.32 ng	100
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.42	43	9636	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	6726	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.58	43	3072	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	1827	N.D.	
58)	C246	m,p-Xylene	7.20	106	1783	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	8.26	156	1666	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.44	91	466	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.63	105	538	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	2274	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	2274	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	3361	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	3361	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	9.79	91	156	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	7009	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

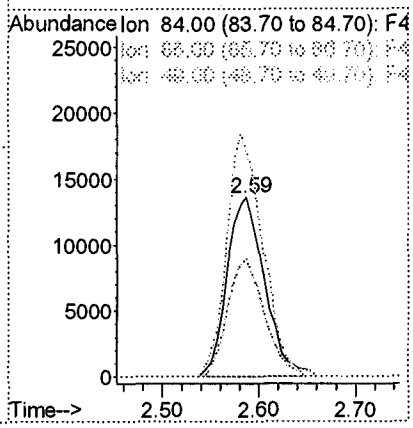
(#) = qualifier out of range (m) = manual integration

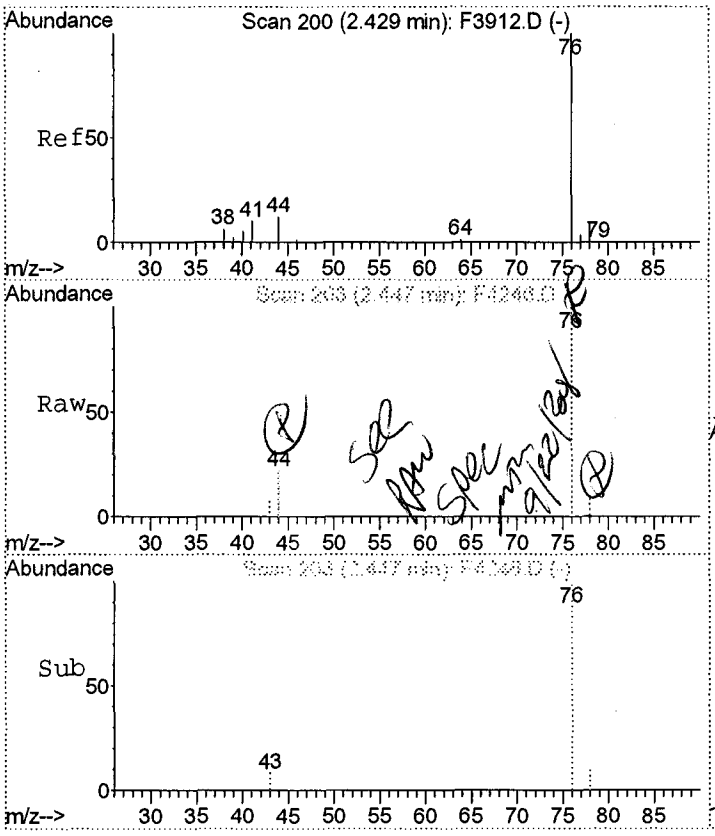


#10
C030 Methylene chloride
Concen: 33.03 ng
RT: 2.59 min Scan# 226
Delta R.T. 0.01 min
Lab File: F4246.D
Acq: 3 Sep 2008 14:48

Tgt Ion: 84 Resp: 36573

Ion	Ratio	Lower	Upper
84	100		
86	65.4	40.0	100.0
49	125.1	95.0	155.0

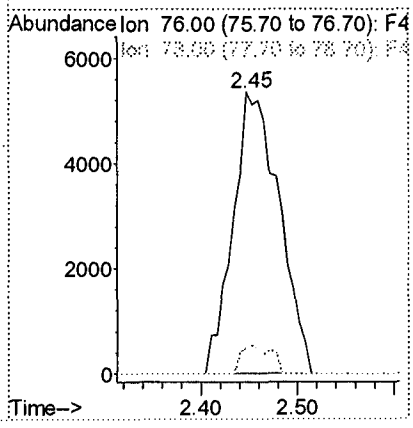


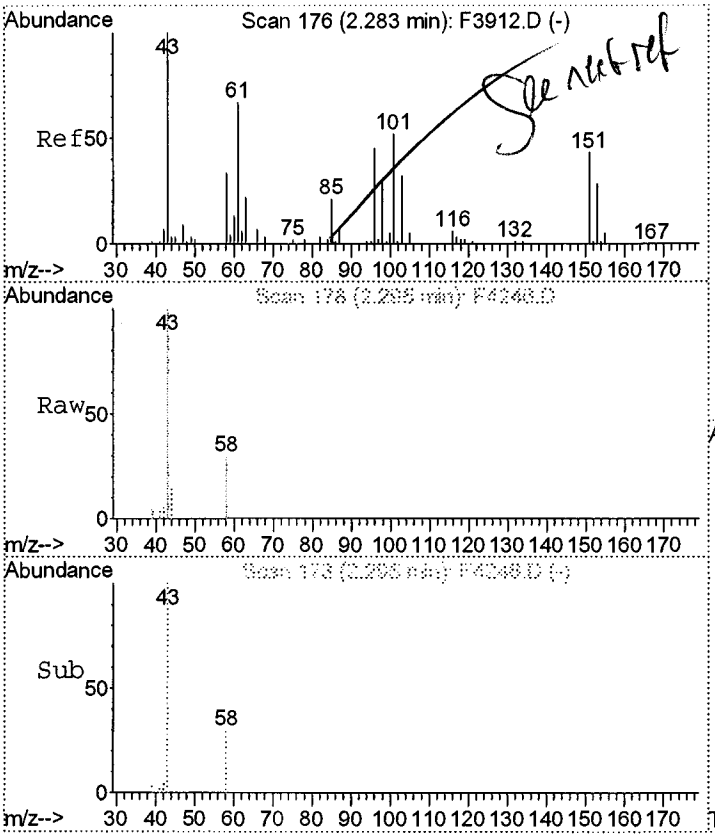


#11
C040 Carbon disulfide
Concen: 9.06 ng
RT: 2.45 min Scan# 203
Delta R.T. 0.01 min
Lab File: F4246.D
Acq: 3 Sep 2008 14:48

Tgt Ion: 76 Resp: 17763

Ion	Ratio	Lower	Upper
76	100		
78	8.8	0.0	38.0

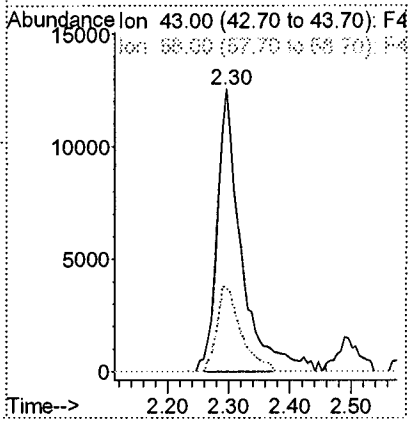


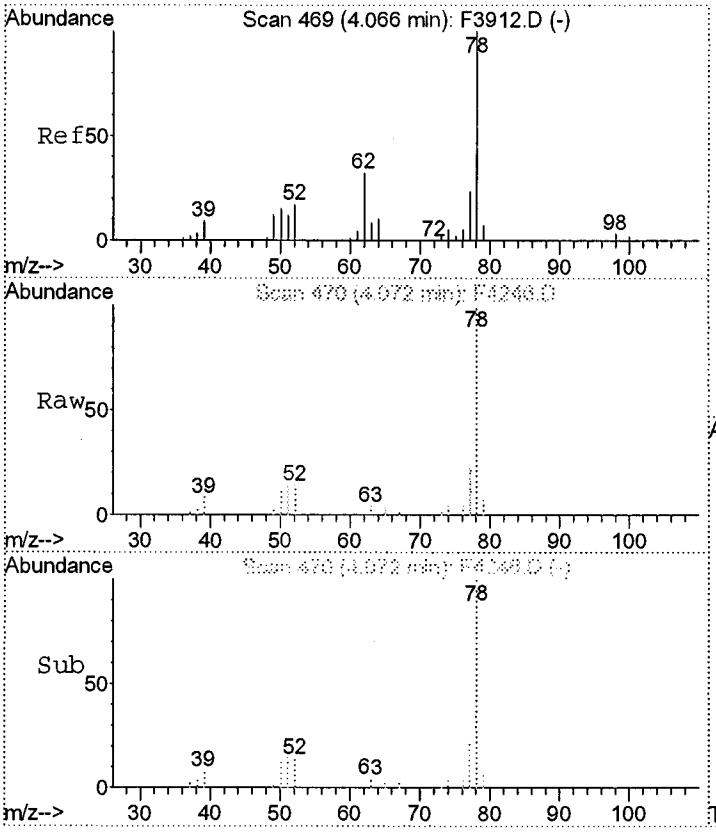


#14
C035 Acetone
Concen: 181.28 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4246.D
Acq: 3 Sep 2008 14:48

Tgt Ion: 43 Resp: 34689

Ion	Ratio	Lower	Upper
43	100		
58	29.9	3.0	63.0

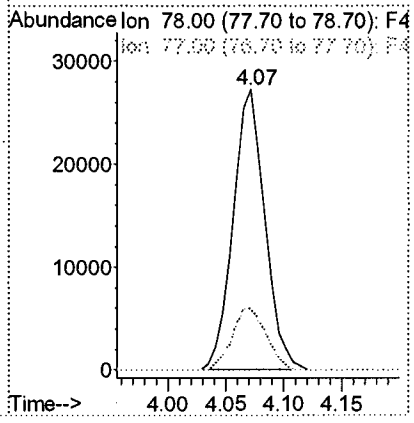




#33
C165 Benzene
Concen: 16.32 ng
RT: 4.07 min Scan# 470
Delta R.T. 0.01 min
Lab File: F4246.D
Acq: 3 Sep 2008 14:48

Tgt Ion: 78 Resp: 51993

Ion	Ratio	Lower	Upper
78	100		
77	22.2	0.0	52.0

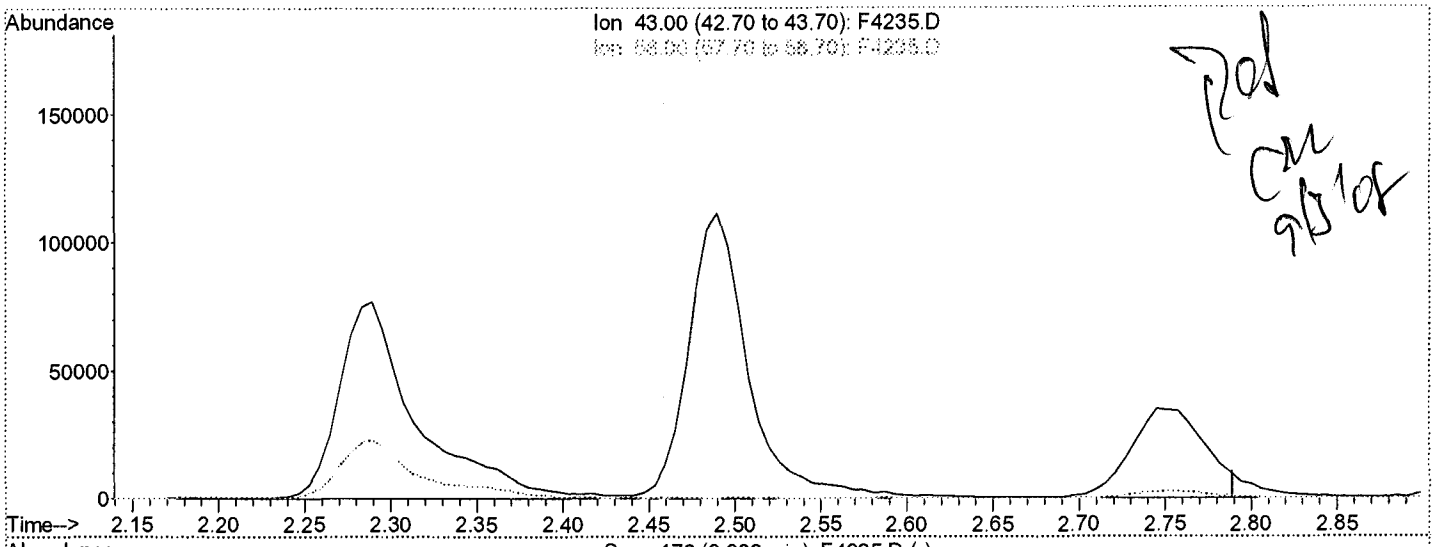


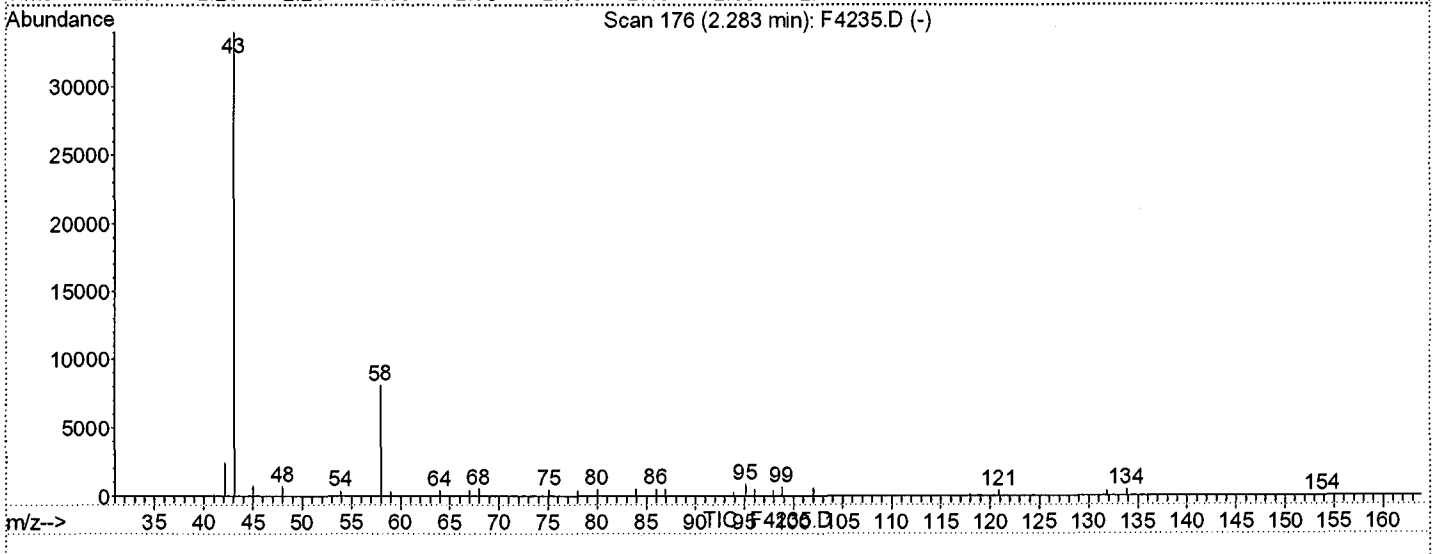
Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4235.D
Acq On : 3 Sep 2008 10:02
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:04:48 2008
Response via : Initial Calibration





(14) C035 Acetone

Exp R.T. 2.29min

response 0

Ion	Exp%	Act%
43.00	100	100
58.00	33.00	37.79
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71803

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0846.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71803

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0846.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

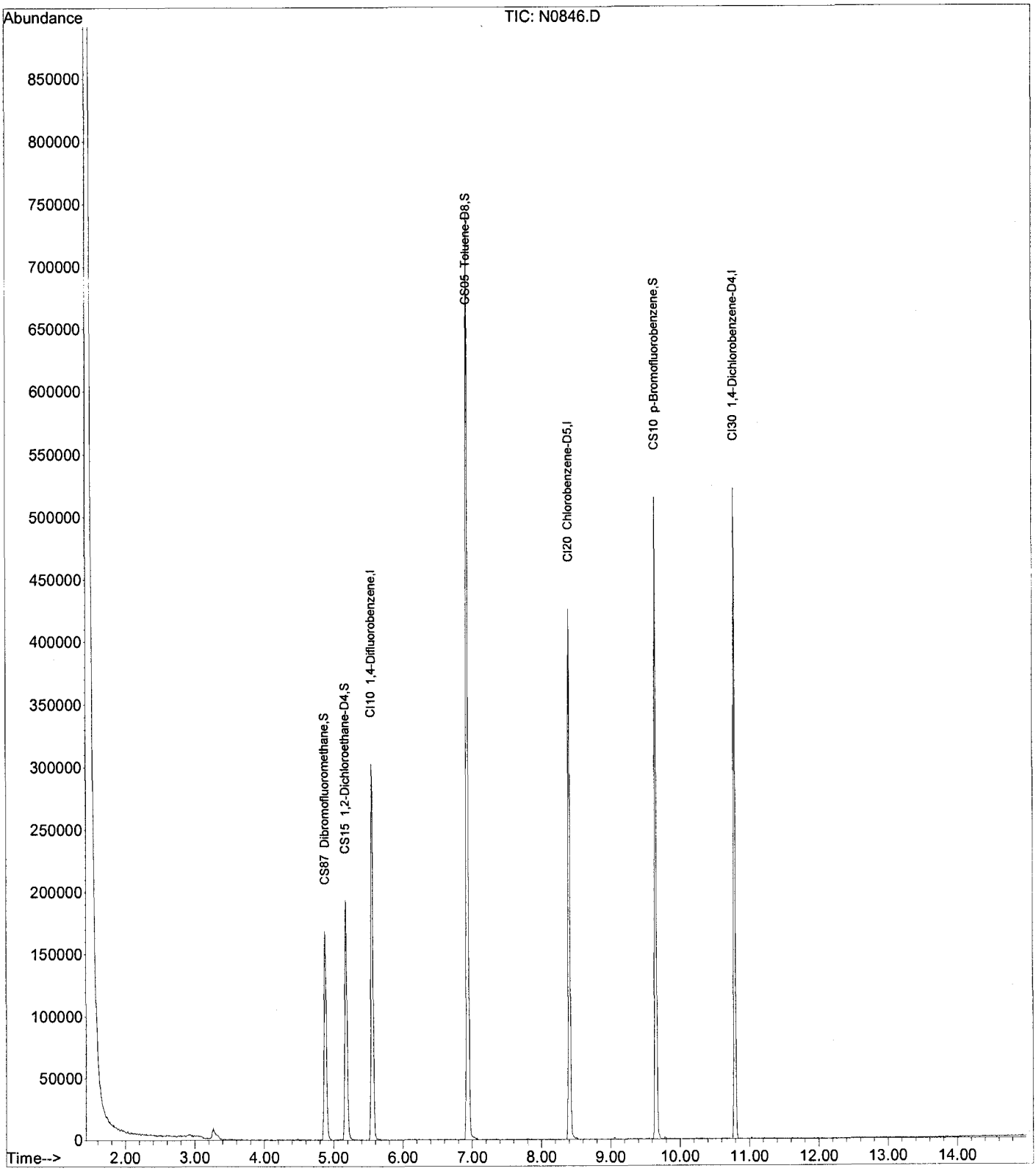
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\090908\N0846.D
Acq On : 9 Sep 2008 11:27
Sample : A8A71803
Misc :
MS Integration Params: RTEINT.P

Vial: 7
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Quant Time: Sep 10 08:42:09 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 10 08:41:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\090908\N0846.D Vial: 7
Acq On : 9 Sep 2008 11:27 Operator: RJ
Sample : A8A71803 Inst : HP5973 N
Misc : Multip1r: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 10 08:42:09 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 10 08:41:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

CLG 9/10/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	268014	125.00	ng	0.00 86.97%
43) CI20	Chlorobenzene-D5	8.41	117	245592	125.00	ng	0.00 86.11%
62) CI30	1,4-Dichlorobenzene-	10.79	152	124554	125.00	ng	0.00 77.86%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	118217	140.39	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	112.31%	
31) CS15	1,2-Dichloroethane-D	5.18	65	154375	144.64	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	115.71%	
44) CS05	Toluene-D8	6.93	98	513417	148.10	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	118.48%	
61) CS10	p-Bromofluorobenzene	9.65	174	143525	135.11	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	108.09%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.27	84	3837	Below Cal	94
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.93	43	3510	N.D.	
14) C300	Acetonitrile	3.24	41	178	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	0.00	83	0	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

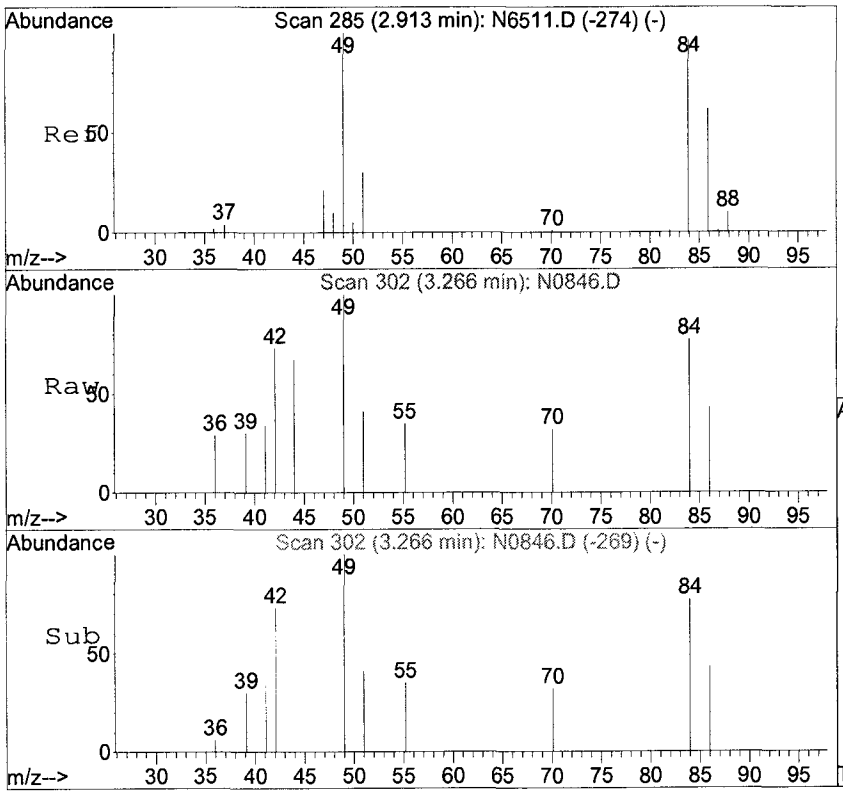
9/10/08

Data File : C:\MSDCHEM\2\DATA\090908\N0846.D Vial: 7
Acq On : 9 Sep 2008 11:27 Operator: RJ
Sample : A8A71803 Inst : HP5973 N
Misc : Multip1r: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 10 08:42:09 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 10 08:41:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

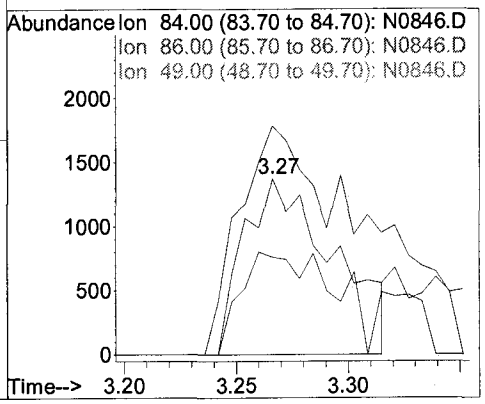
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylviny1	0.00	63	0	N.D.		
41) C012	Methylcyco1hexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dich1oropr	0.00	75	0	N.D.		
45) C230	Toluene	7.00	92	159	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.93	43	1997	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrach1or	0.00	131	0	N.D.		
57) C240	Ethylbenzene	0.00	91	0	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	10.81	146	1069	N.D.		
77) C309	4-Isopropylto1uene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	10.81	146	1069	N.D.		
79) C249	1,2-Dich1orobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Ch1o	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
C030 Methylene chloride
Concen: Below Cal
RT: 3.27 min Scan# 302
Delta R.T. 0.00 min
Lab File: N0846.D
Acq: 9 Sep 2008 11:27

Tgt Ion: 84	Resp:	3837	
Ion	Ratio	Lower	Upper
84	100		
86	55.4	42.1	82.1
49	130.2	116.1	156.1



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0722.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	1.7	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0722.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

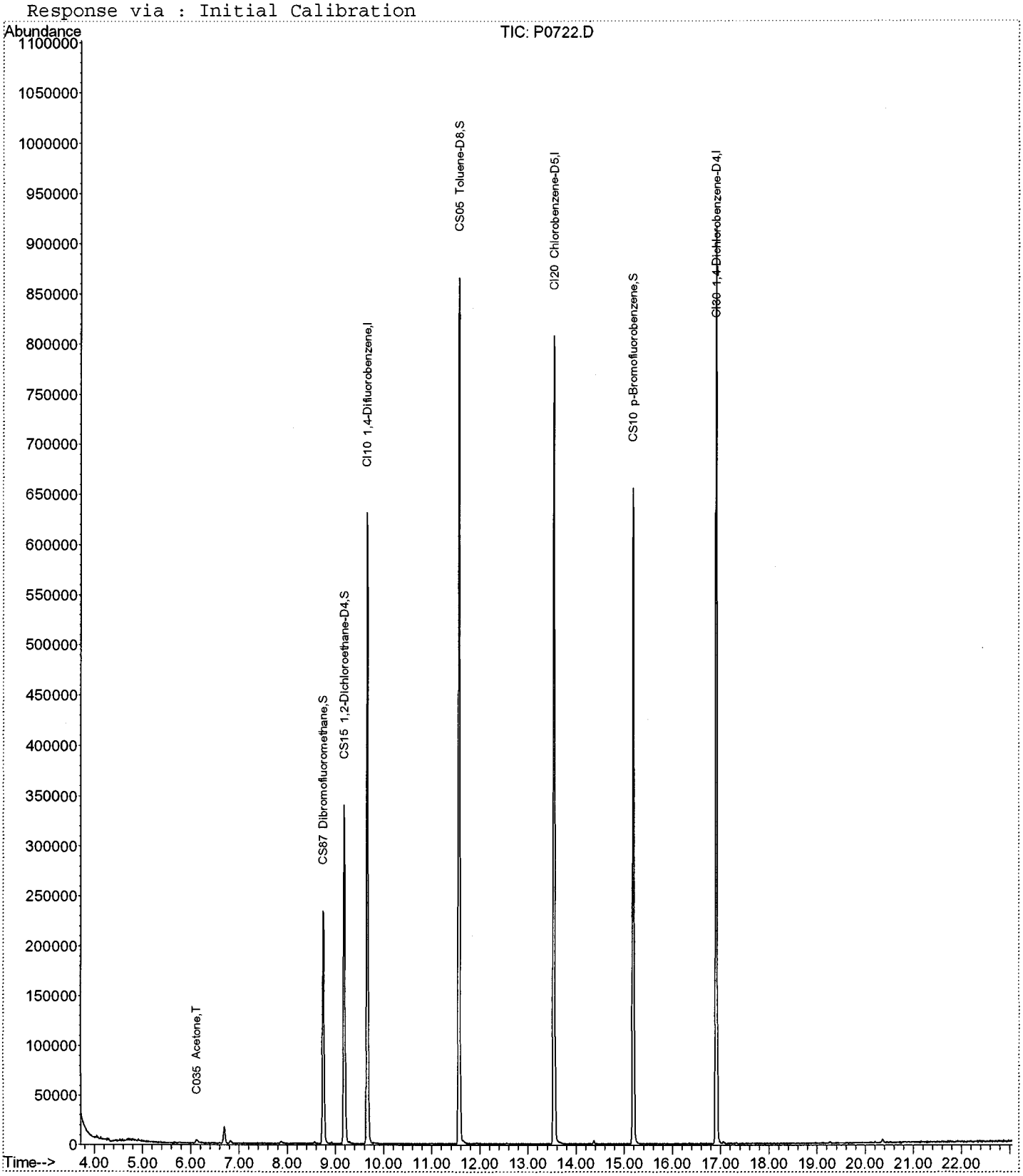
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\090308\P0722.D Vial: 16
Acq On : 3 Sep 2008 17:13 Operator: LH
Sample : A8A47510 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 17:45 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0722.D Vial: 16
Acq On : 3 Sep 2008 17:13 Operator: LH
Sample : A8A47510 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:45:58 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090308\P0707.D (3 Sep 2008 10:00)

9/13/08 cm

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	492345	125.00	ng	0.00 79.28%
43) CI20	Chlorobenzene-D5	13.54	117	454647	125.00	ng	0.00 79.91%
62) CI30	1,4-Dichlorobenzene-	16.91	152	256853	125.00	ng	0.00 79.66%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	172552	129.90	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 103.92%			
31) CS15	1,2-Dichloroethane-D	9.18	65	286853	136.06	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 108.85%			
44) CS05	Toluene-D8	11.57	98	596069	120.07	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 96.06%			
61) CS10	p-Bromofluorobenzene	15.19	174	186686	125.84	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 100.67%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	4.13	50	264	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	6.69	84	7053	Below Cal	#	38
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.12	43	8710	8.70 ng		96
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	8.57	42	2043	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.28	78	541	N.D.		

(#) = qualifier out of range (m) = manual integration

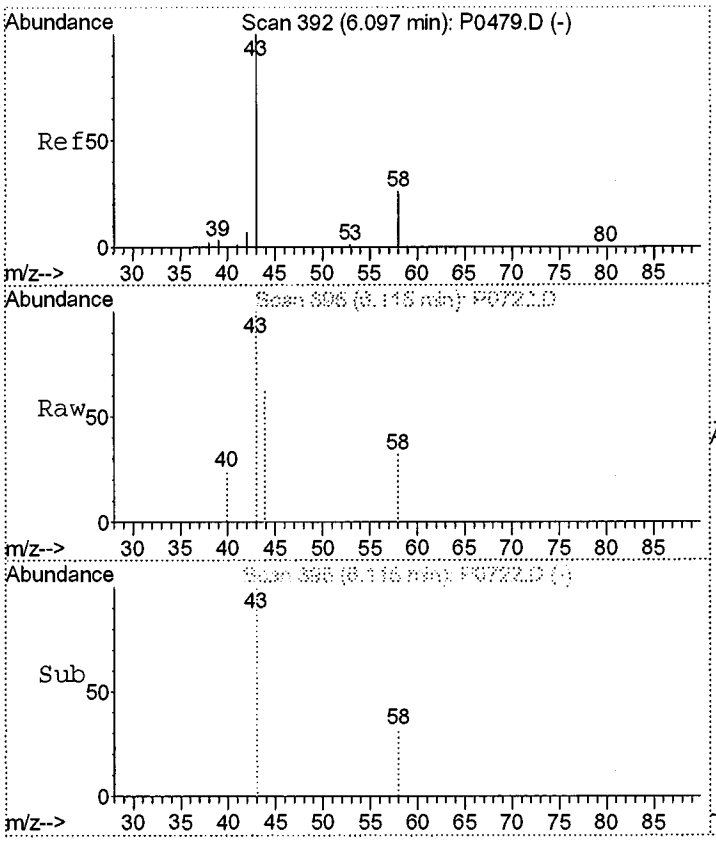
Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0722.D Vial: 16
Acq On : 3 Sep 2008 17:13 Operator: LH
Sample : A8A47510 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 17:45:58 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 17:43:44 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	8.19	43	643	N.D.	
35)	C256	Cyclohexane	8.93	56	589	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	393	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.69	91	1207	N.D.	
58)	C246	m,p-Xylene	0.00	106	0	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.34	105	437	N.D.	
75)	C308	sec-Butylbenzene	0.00	105	0	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	20.36	128	4840	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

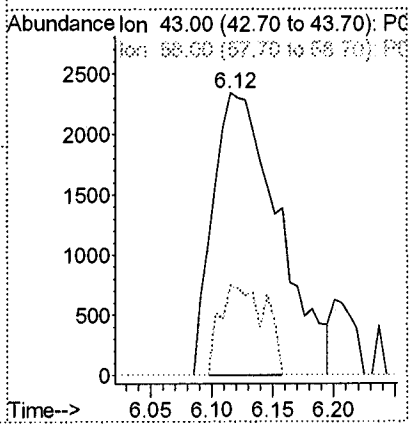
(#) = qualifier out of range (m) = manual integration



#13
C035 Acetone
Concen: 8.70 ng
RT: 6.12 min Scan# 395
Delta R.T. 0.01 min
Lab File: P0722.D
Acq: 3 Sep 2008 17:13

Tgt Ion: 43 Resp: 8710

Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.2	36.2



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62906

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9972.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62906

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9972.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

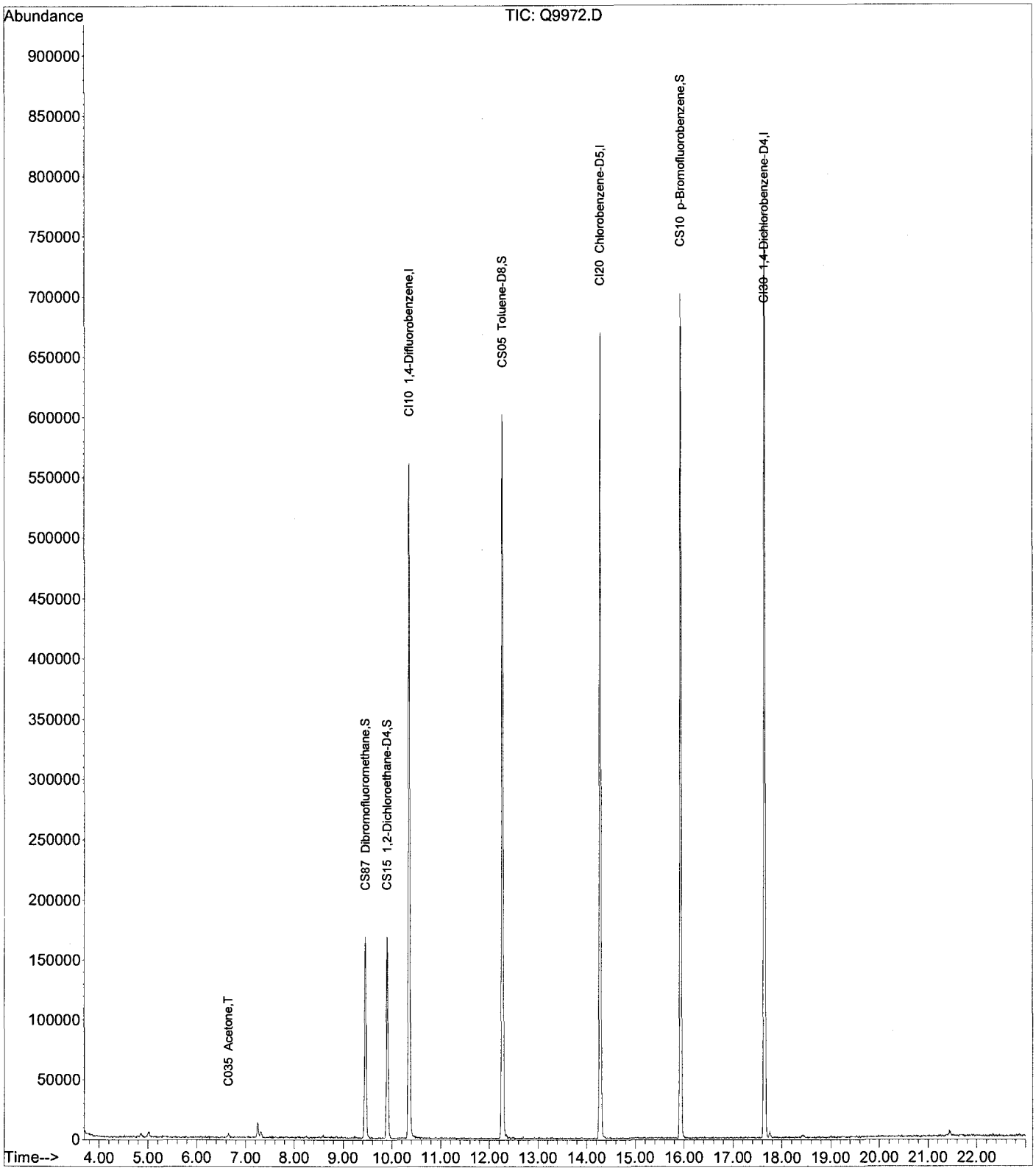
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090608\Q9972.D Vial: 18
Acq On : 6 Sep 2008 21:38 Operator: ND
Sample : A8A62906 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 08 09:13:03 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 09:11:33 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090608\Q9972.D Vial: 18
Acq On : 6 Sep 2008 21:38 Operator: ND
Sample : A8A62906 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:13:03 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 09:11:33 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	10.35	114	513651	125.00	ng	0.00 77.41%
43)	CI20	Chlorobenzene-D5	14.28	117	467012	125.00	ng	0.00 76.36%
62)	CI30	1,4-Dichlorobenzene-	17.64	152	250675	125.00	ng	0.00 66.40%
	System Monitoring Compounds							
30)	CS87	Dibromofluoromethane	9.45	111	122528	102.62	ng	0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery =	82.10%	
31)	CS15	1,2-Dichloroethane-D	9.90	65	135586	85.77	ng	0.00
	Spiked Amount	125.000	Range	66 - 137		Recovery =	68.62%	
44)	CS05	Toluene-D8	12.27	98	456445	91.12	ng	0.00
	Spiked Amount	125.000	Range	71 - 126		Recovery =	72.90%	
61)	CS10	p-Bromofluorobenzene	15.93	174	255772	145.12	ng	0.00
	Spiked Amount	125.000	Range	73 - 120		Recovery =	116.10%	
	Target Compounds							Qvalue
2)	C290	Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010	Chloromethane	4.33	50	135	Below Cal	#	47
4)	C020	Vinyl chloride	0.00	62	0	N.D.		
5)	C015	Bromomethane	0.00	94	0	N.D.		
6)	C025	Chloroethane	0.00	64	0	N.D.		
7)	C275	Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030	Methylene chloride	7.25	84	4561	Below Cal	#	87
10)	C040	Carbon disulfide	0.00	76	0	N.D.		
11)	C036	Acrolein	0.00	56	0	N.D.		
12)	C038	Acrylonitrile	0.00	53	0	N.D.		
13)	C035	Acetone	6.64	43	4690	8.32 ng	#	49
14)	C300	Acetonitrile	7.08	41	131	N.D.		
15)	C276	Iodomethane	0.00	142	0	N.D.		
16)	C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17)	C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255	Methyl Acetate	7.12	43	150	N.D.		
20)	C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125	Vinyl Acetate	8.21	43	135	N.D.		
22)	C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056	cis-1,2-Dichloroet	8.87	96	161	N.D.		
24)	C272	Tetrahydrofuran	9.24	42	926	N.D.		
25)	C222	Bromochloromethane	0.00	128	0	N.D.		
26)	C060	Chloroform	0.00	83	0	N.D.		
27)	C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120	Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32)	C165	Benzene	9.94	78	175	N.D.		
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34)	C110	2-Butanone	8.86	43	676	N.D.		
35)	C256	Cyclohexane	0.00	56	0	N.D.		
36)	C150	Trichloroethene	0.00	95	0	N.D.		
37)	C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38)	C278	Dibromomethane	0.00	93	0	N.D.		

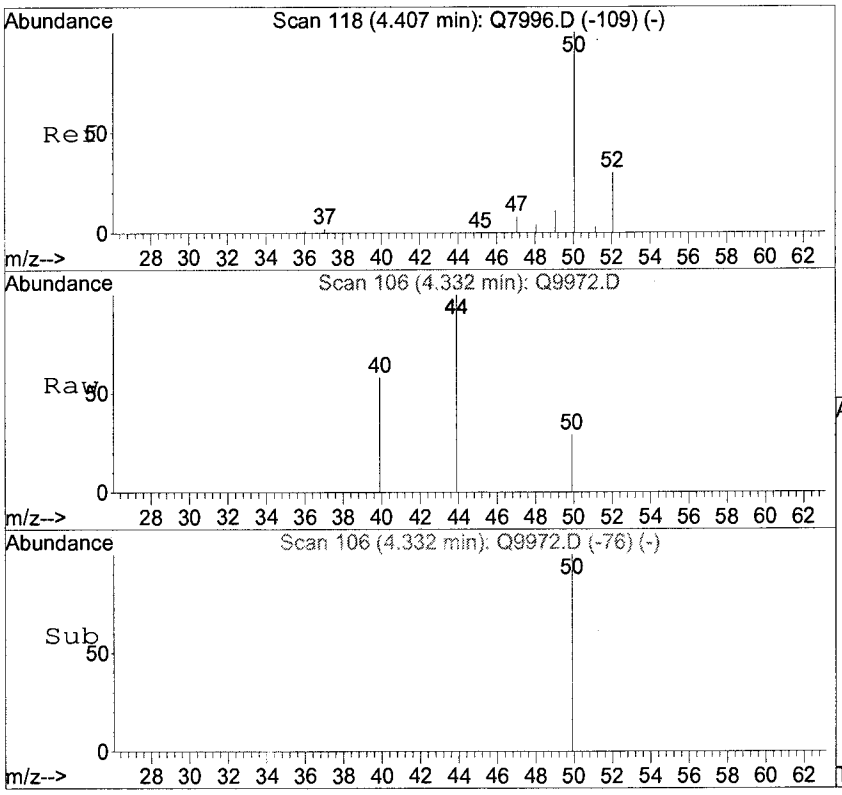
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090608\Q9972.D Vial: 18
Acq On : 6 Sep 2008 21:38 Operator: ND
Sample : A8A62906 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:13:03 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 09:11:33 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

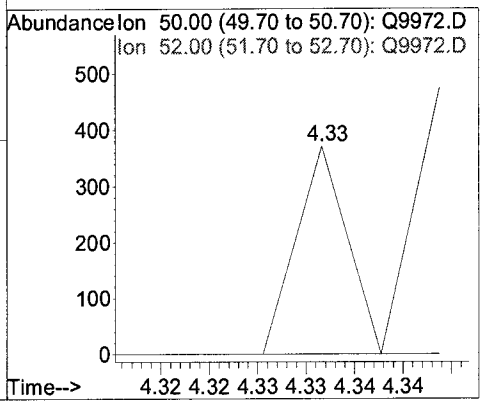
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	12.36	92	656	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	0.00	43	0	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	14.38	91	146	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	17.68	146	156	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	17.68	146	156	N.D.		
79) C249	1,2-Dichlorobenzen	18.27	146	162	N.D.		
80) C310	n-Butylbenzene	18.07	91	135	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	21.35	128	151	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

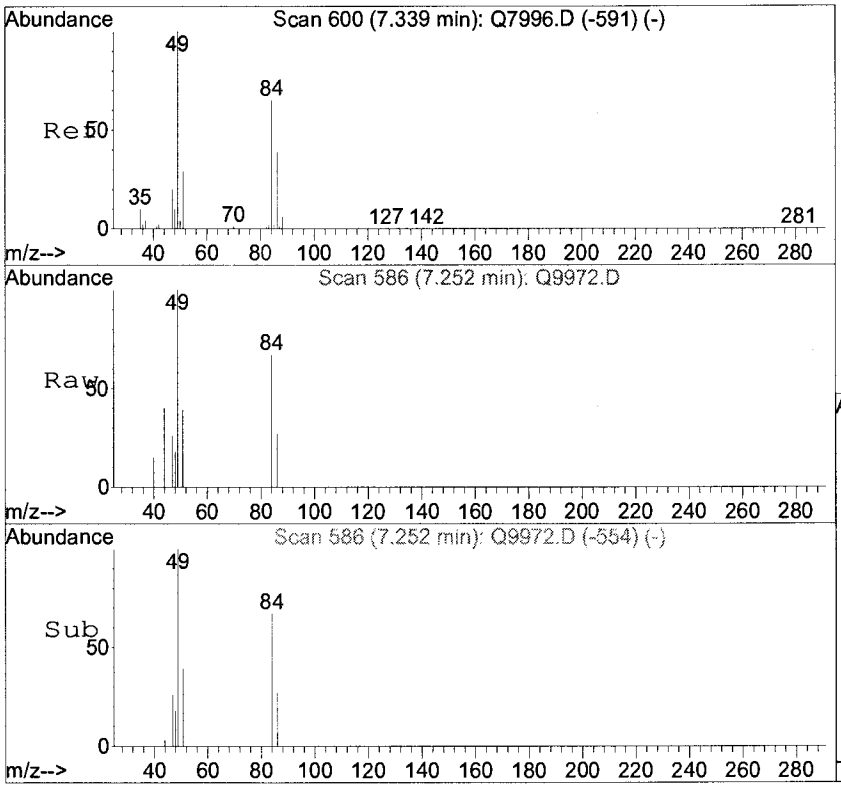
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
C010 Chloromethane
Concen: Below Cal
RT: 4.33 min Scan# 106
Delta R.T. -0.02 min
Lab File: Q9972.D
Acq: 6 Sep 2008 21:38

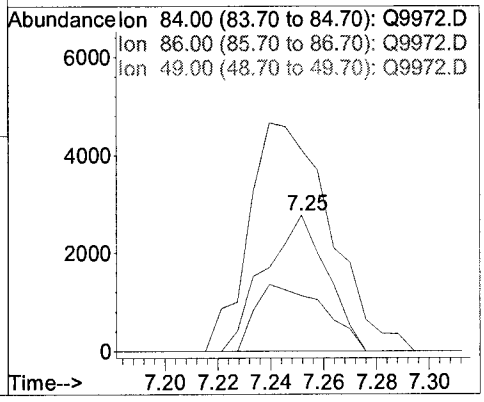
Tgt Ion: 50	Resp:	135
Ion	Ratio	Lower	Upper
50	100		
52	0.0	7.8	47.8#

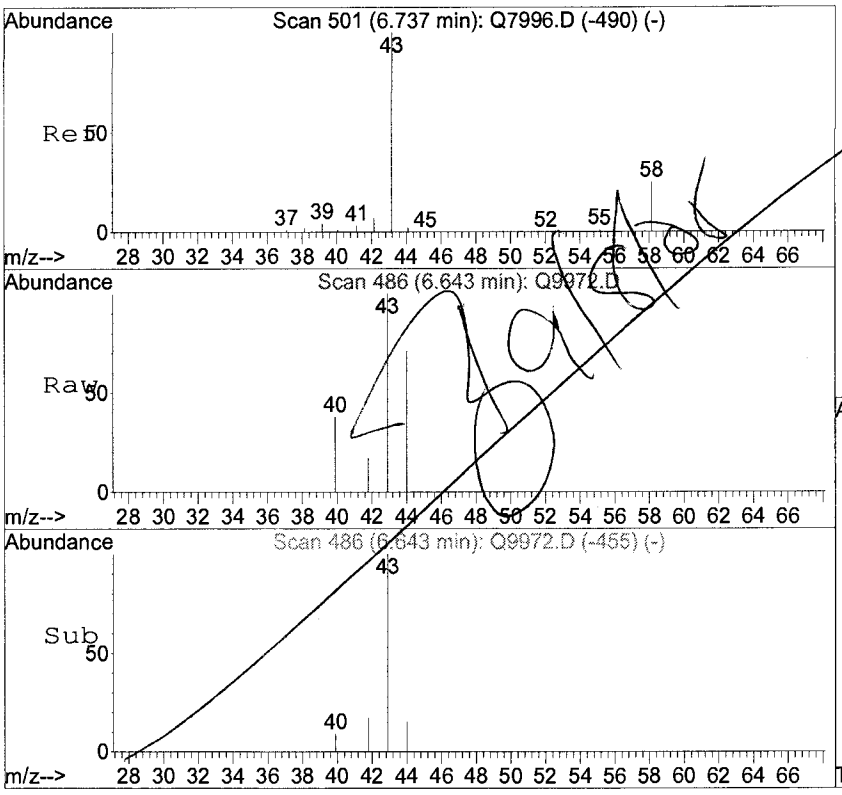




#9
C030 Methylene chloride
Concen: Below Cal
RT: 7.25 min Scan# 586
Delta R.T. -0.01 min
Lab File: Q9972.D
Acq: 6 Sep 2008 21:38

Tgt Ion: 84	Resp:	4561
Ion	Ratio	Lower	Upper
84	100		
86	40.6	43.8	83.8#
49	148.4	121.7	161.7

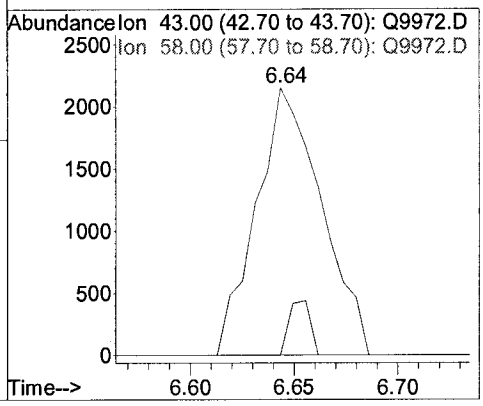




#13
C035 Acetone
Concen: 8.32 ng
RT: 6.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: Q9972.D
Acq: 6 Sep 2008 21:38

Tgt Ion: 43 Resp: 4690

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.0	31.6#



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F4177.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	30	B
71-43-2	Benzene	6	
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	12	U
75-15-0	Carbon Disulfide	12	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	12	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	2	J
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	12	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	12	U
108-87-2	Methylcyclohexane	12	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F4177.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

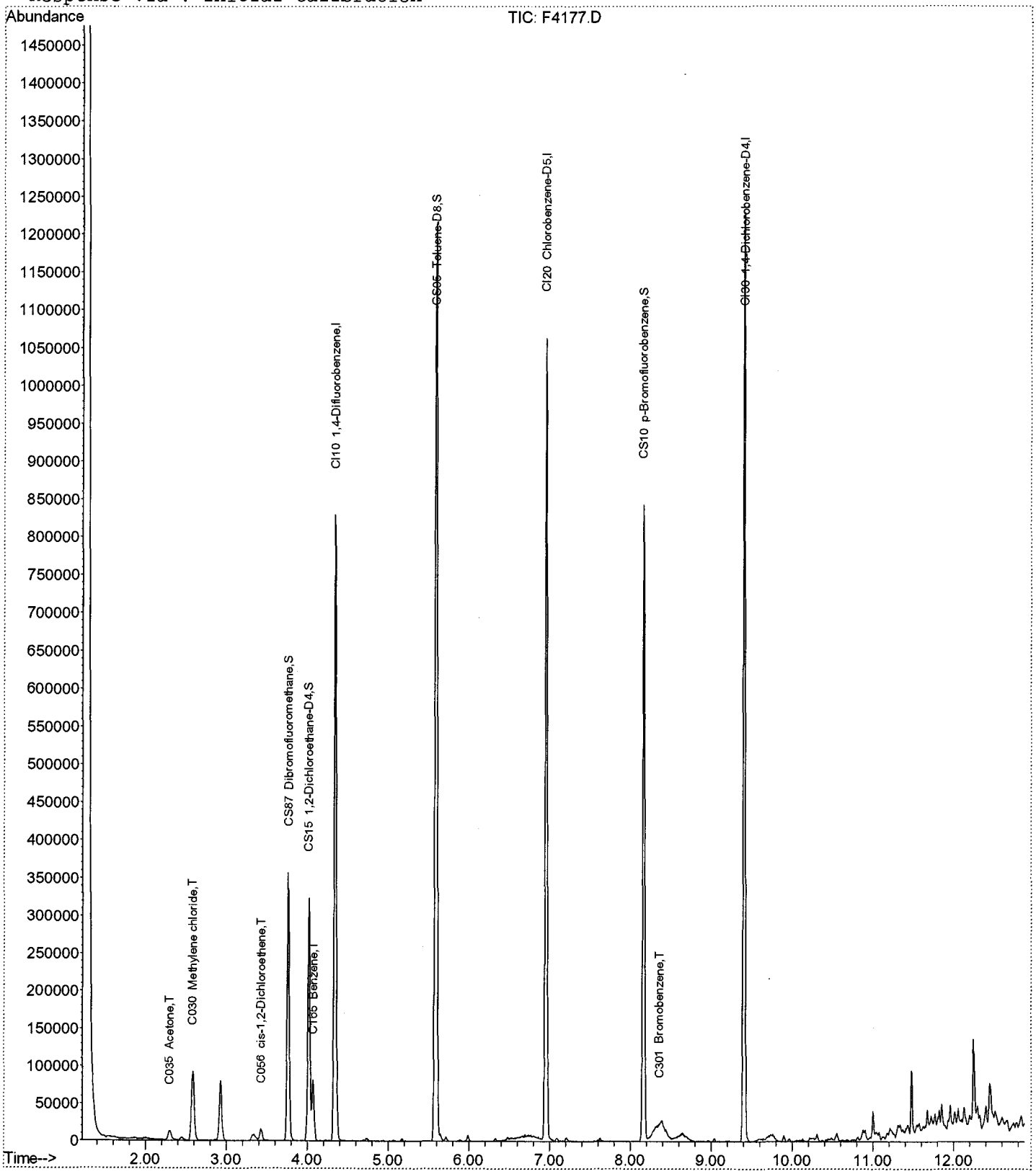
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\082808\F4177.D Vial: 13
Acq On : 28 Aug 2008 16:05 Operator: LH
Sample : A8A47501 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4177.D Vial: 13
Acq On : 28 Aug 2008 16:05 Operator: LH
Sample : A8A47501 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:03 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

STE 8/29/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.35	114	765956	250.00	ng	0.00 98.78%
43) CI20	Chlorobenzene-D5	6.96	82	336847	250.00	ng	0.00 98.96%
63) CI30	1,4-Dichlorobenzene-	9.41	152	381261	250.00	ng	0.00 97.88%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	232755	272.56	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	109.02%		
32) CS15	1,2-Dichloroethane-D	4.02	65	212686	234.07	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	93.63%		
44) CS05	Toluene-D8	5.59	98	874150	278.14	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	111.26%		
62) CS10	p-Bromofluorobenzene	8.17	174	283777	270.75	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	108.30%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	52641	56.43	ng	94
11) C040	Carbon disulfide	2.45	76	8448	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	23054	127.21	ng	93
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	0.00	43	0	N.D.		
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	3.43	96	5972	7.05	ng	83
24) C272	Tetrahydrofuran	3.64	42	135	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.66	83	128	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

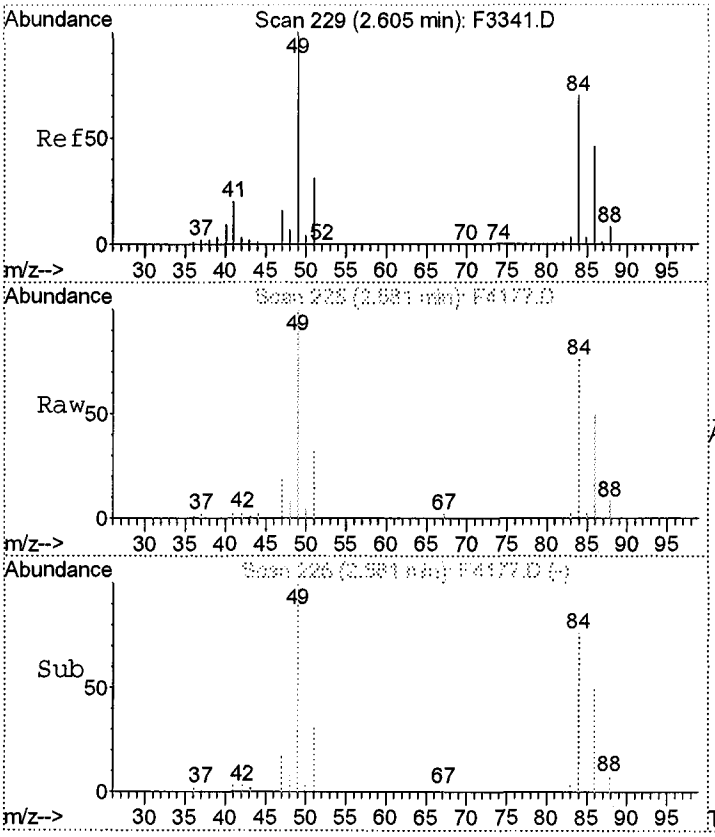
Data File : H:\GCMS_VOA\F\082808\F4177.D
Acq On : 28 Aug 2008 16:05
Sample : A8A47501
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:03 2008

Vial: 13
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	75054	24.88	ng		94
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.			
35)	C110	2-Butanone	3.42	43	6342	N.D.			
36)	C150	Trichloroethene	0.00	95	0	N.D.			
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
38)	C012	Methylcyclohexane	4.74	83	2636	N.D.			
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
40)	C278	Dibromomethane	0.00	93	0	N.D.			
41)	C130	Bromodichloromethane	0.00	83	0	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	5.65	92	3738	N.D.			
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.			
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentanone	5.59	43	3225	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	6.34	43	513	N.D.			
55)	C235	Chlorobenzene	0.00	112	0	N.D.			
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	7.08	91	4979	N.D.			
58)	C246	m,p-Xylene	7.21	106	1853	N.D.			
59)	C247	o-Xylene	0.00	106	0	N.D.			
60)	C245	Styrene	7.62	104	2882	N.D.			
61)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	8.00	105	139	N.D.			
65)	C301	Bromobenzene	8.36	156	83911	80.84	ng	#	1
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.			
69)	C302	n-Propylbenzene	8.44	91	1506	N.D.			
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.			
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.			
72)	C304	1,3,5-Trimethylbenze	8.63	105	426	N.D.			
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.			
74)	C307	1,2,4-Trimethylbenze	9.04	105	3170	N.D.			
75)	C308	sec-Butylbenzene	9.04	105	3170	N.D.			
76)	C260	1,3-Dichlorobenzene	9.43	146	2716	N.D.			
77)	C309	p-Cymene (4-Isopropy	9.60	119	170	N.D.			
78)	C267	1,4-Dichlorobenzene	9.43	146	2716	N.D.			
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.			
80)	C310	n-Butylbenzene	9.97	91	141	N.D.			
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.			
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.			
84)	C314	Naphthalene	11.42	128	7891	N.D.			
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.			

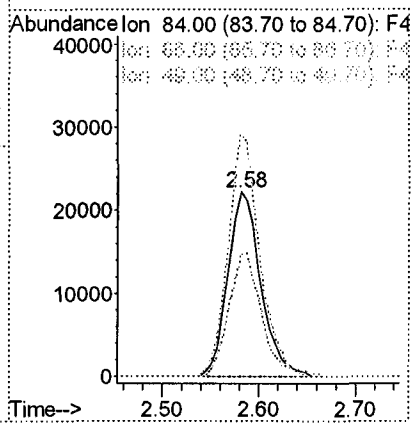
(#) = qualifier out of range (m) = manual integration

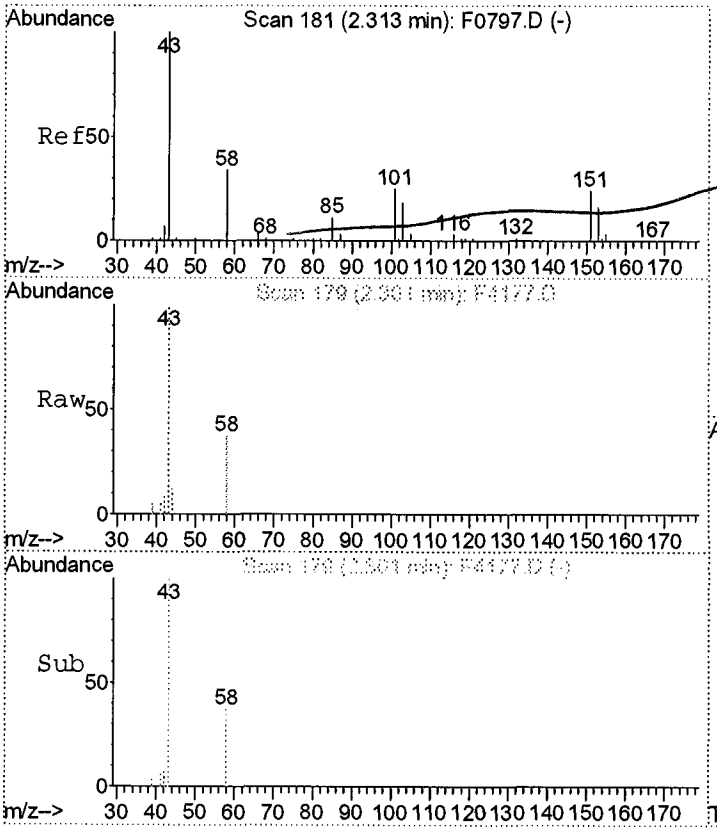


#10
C030 Methylene chloride
Concen: 56.43 ng
RT: 2.58 min Scan# 225
Delta R.T. 0.01 min
Lab File: F4177.D
Acq: 28 Aug 2008 16:05

Tgt Ion: 84 Resp: 52641

Ion	Ratio	Lower	Upper
84	100		
86	65.7	40.0	100.0
49	131.6	95.0	155.0

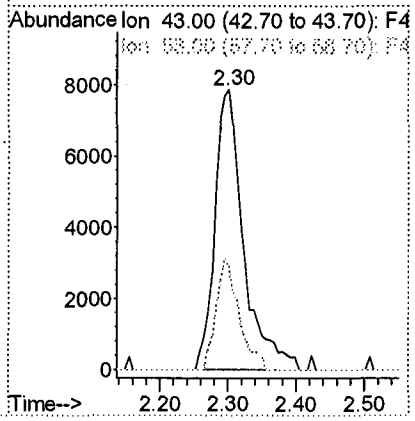


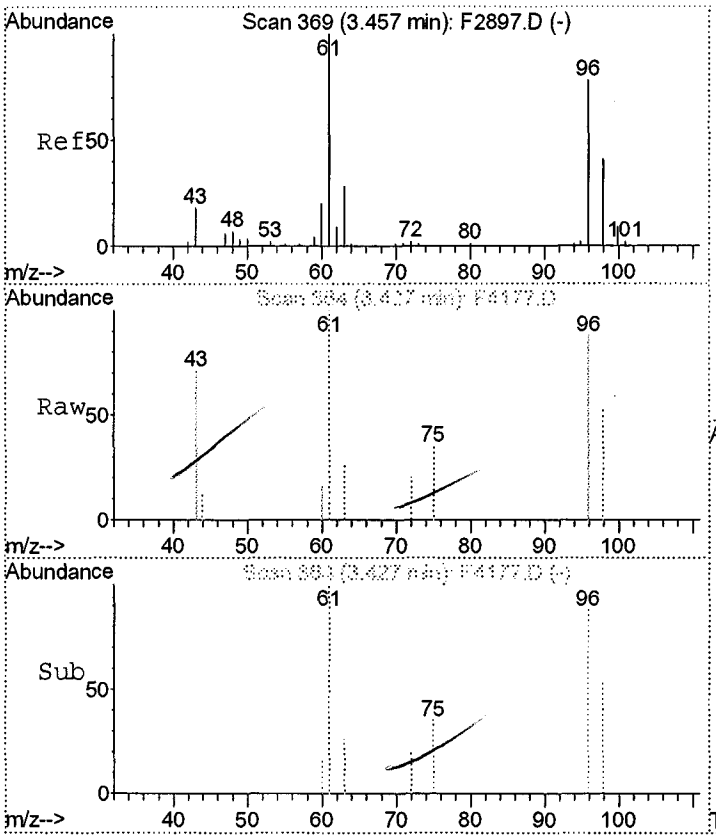


#14
C035 Acetone
Concen: 127.21 ng
RT: 2.30 min Scan# 179
Delta R.T. 0.01 min
Lab File: F4177.D
Acq: 28 Aug 2008 16:05

Tgt Ion: 43 Resp: 23054

Ion	Ratio	Lower	Upper
43	100		
58	36.9	3.0	63.0

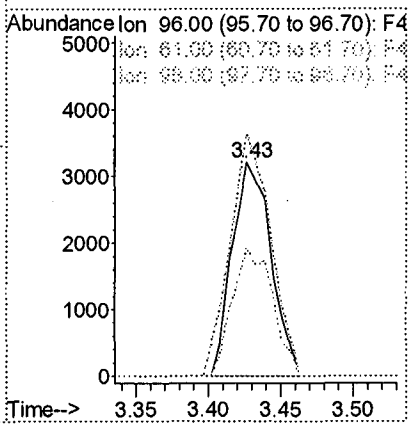


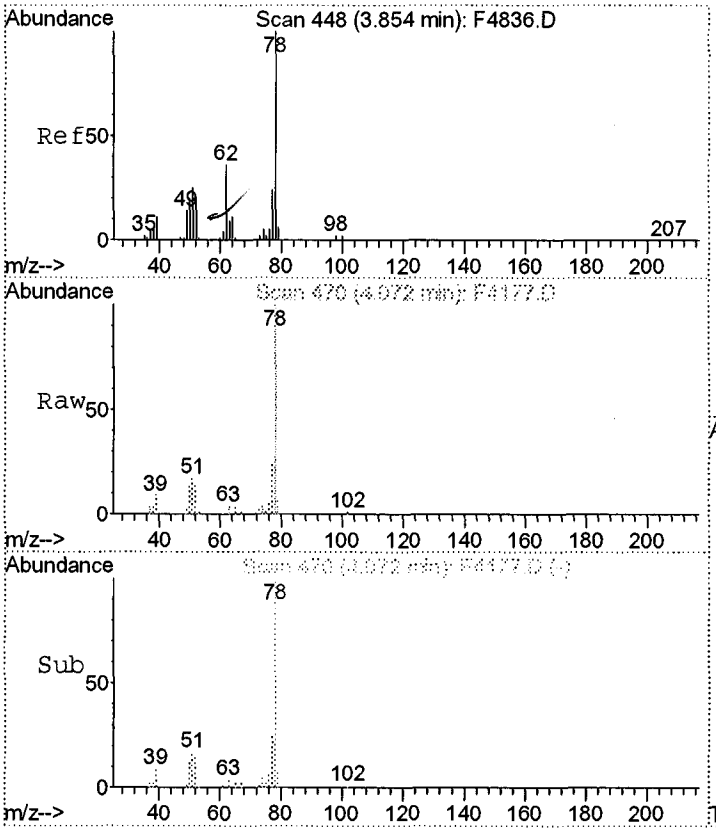


#23
C056 cis-1,2-Dichloroethene
Concen: 7.05 ng
RT: 3.43 min Scan# 364
Delta R.T. 0.01 min
Lab File: F4177.D
Acq: 28 Aug 2008 16:05

Tgt Ion: 96 Resp: 5972

Ion	Ratio	Lower	Upper
96	100		
61	113.4	111.4	171.4
98	60.4	28.3	88.3

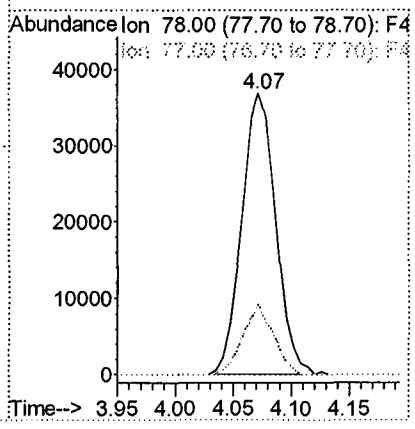




#33
C165 Benzene
Concen: 24.88 ng
RT: 4.07 min Scan# 470
Delta R.T. 0.01 min
Lab File: F4177.D
Acq: 28 Aug 2008 16:05

Tgt Ion: 78 Resp: 75054

Ion	Ratio	Lower	Upper
78	100		
77	24.8	0.0	52.0



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4178.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 28 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	27	U
71-43-2	Benzene	7	U
75-27-4	Bromodichloromethane	7	U
75-25-2	Bromoform	7	U
74-83-9	Bromomethane	7	U
78-93-3	2-Butanone	13	U
75-15-0	Carbon Disulfide	13	U
56-23-5	Carbon Tetrachloride	7	U
108-90-7	Chlorobenzene	7	U
75-00-3	Chloroethane	7	U
67-66-3	Chloroform	7	U
74-87-3	Chloromethane	7	U
110-82-7	Cyclohexane	13	U
106-93-4	1,2-Dibromoethane	7	U
124-48-1	Dibromochloromethane	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
95-50-1	1,2-Dichlorobenzene	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
75-71-8	Dichlorodifluoromethane	7	U
75-34-3	1,1-Dichloroethane	7	U
107-06-2	1,2-Dichloroethane	7	U
75-35-4	1,1-Dichloroethene	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
100-41-4	Ethylbenzene	7	U
591-78-6	2-Hexanone	13	U
98-82-8	Isopropylbenzene	7	U
79-20-9	Methyl acetate	13	U
108-87-2	Methylcyclohexane	13	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4178.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 28 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

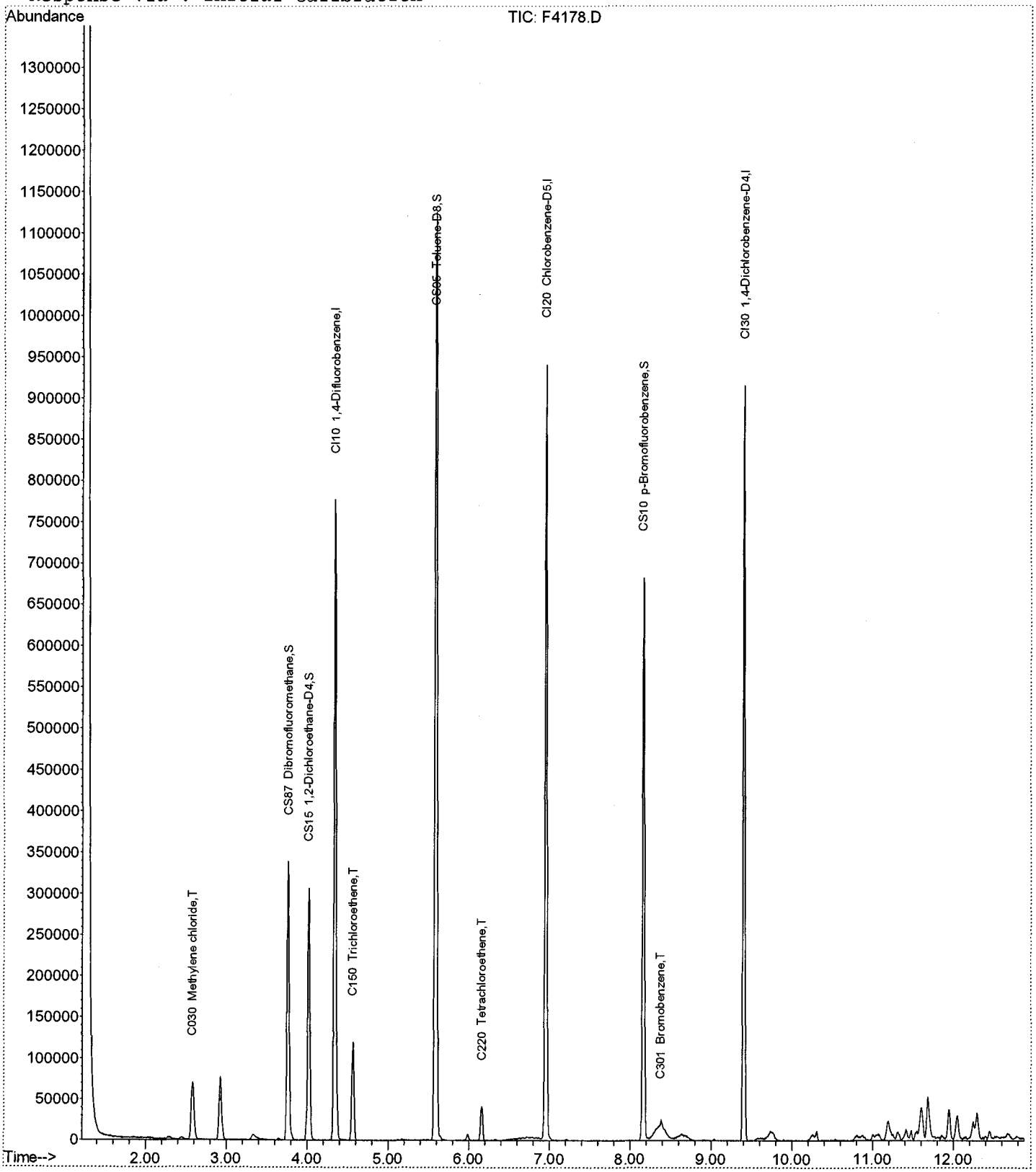
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	13	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	13	U
100-42-5	Styrene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
127-18-4	Tetrachloroethene	6	J
108-88-3	Toluene	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U
71-55-6	1,1,1-Trichloroethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
79-01-6	Trichloroethene	15	
75-01-4	Vinyl chloride	7	U
1330-20-7	Total Xylenes	20	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\082808\F4178.D Vial: 14
Acq On : 28 Aug 2008 16:30 Operator: LH
Sample : A8A47502 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008 Quant Results File: A8I00000621.RES

5.15

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4178.D Vial: 14
Acq On : 28 Aug 2008 16:30 Operator: LH
Sample : A8A47502 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:09 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

STE 8/29/08 LA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.35	114	716552	250.00	ng	0.00 92.40%
43) CI20	Chlorobenzene-D5	6.96	82	292894	250.00	ng	0.00 86.05%
63) CI30	1,4-Dichlorobenzene-	9.41	152	274270	250.00	ng	0.00 70.41%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	224851	281.45	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	112.58%		
32) CS15	1,2-Dichloroethane-D	4.02	65	207473	244.07	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	97.63%		
44) CS05	Toluene-D8	5.59	98	807122	295.35	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	118.14%		
62) CS10	p-Bromofluorobenzene	8.17	174	237003	260.06	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	104.02%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	42703	47.34	ng	92
11) C040	Carbon disulfide	2.45	76	5899	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.31	43	3734	N.D.		
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	0.00	43	0	N.D.		
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.65	83	1981	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	3.80	97	3867	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

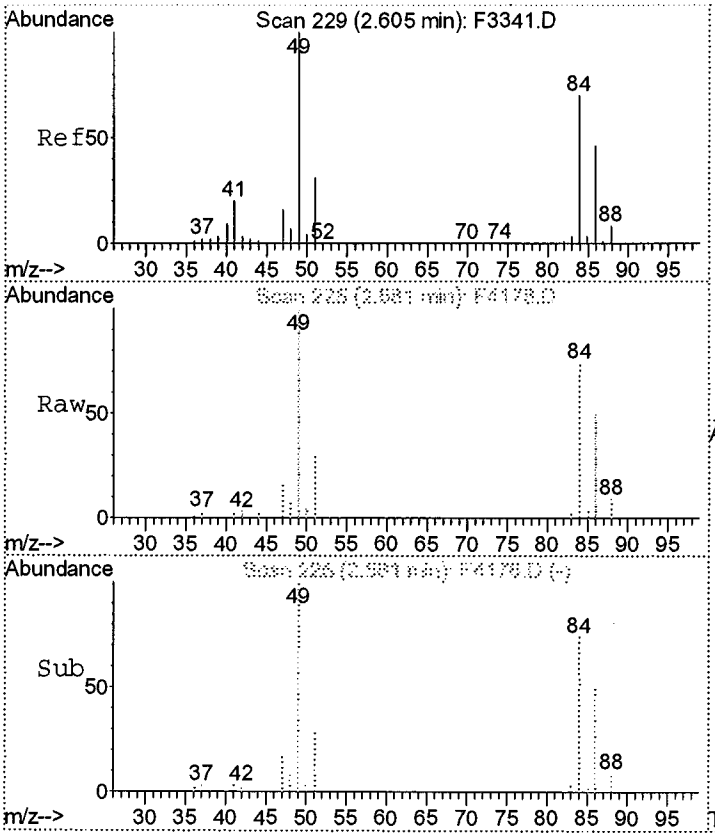
Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4178.D Vial: 14
Acq On : 28 Aug 2008 16:30 Operator: LH
Sample : A8A47502 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:09 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C165	Benzene	0.00	78	0	N.D.		
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
35)	C110	2-Butanone	0.00	43	0	N.D.		
36)	C150	Trichloroethene	4.56	95	40307	56.54 ng		89
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
38)	C012	Methylcyclohexane	0.00	83	0	N.D.		
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
40)	C278	Dibromomethane	0.00	93	0	N.D.		
41)	C130	Bromodichloromethane	0.00	83	0	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	5.65	92	1265	N.D.		
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	5.59	43	2920	N.D.		
50)	C220	Tetrachloroethene	6.16	166	14517	21.48 ng		93
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	6.33	43	156	N.D.		
55)	C235	Chlorobenzene	0.00	112	0	N.D.		
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	7.09	91	371	N.D.		
58)	C246	m,p-Xylene	7.21	106	513	N.D.		
59)	C247	o-Xylene	0.00	106	0	N.D.		
60)	C245	Styrene	0.00	104	0	N.D.		
61)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	0.00	105	0	N.D.		
65)	C301	Bromobenzene	8.37	156	61370	82.18 ng	#	1
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.		
69)	C302	n-Propylbenzene	8.43	91	342	N.D.		
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.		
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.		
72)	C304	1,3,5-Trimethylbenze	8.56	105	804	N.D.		
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.		
74)	C307	1,2,4-Trimethylbenze	9.04	105	1940	N.D.		
75)	C308	sec-Butylbenzene	9.04	105	1940	N.D.		
76)	C260	1,3-Dichlorobenzene	9.43	146	1572	N.D.		
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.		
78)	C267	1,4-Dichlorobenzene	9.43	146	1572	N.D.		
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.		
80)	C310	n-Butylbenzene	0.00	91	0	N.D.		
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.		
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.		
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.		
84)	C314	Naphthalene	11.42	128	5956	N.D.		
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.		

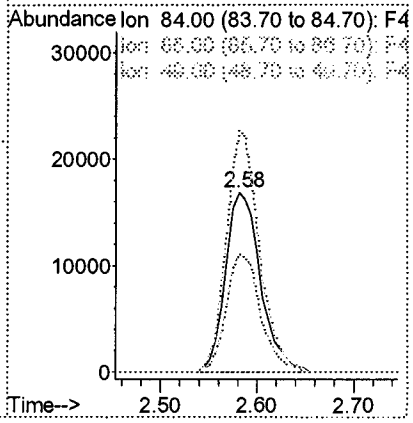
(#) = qualifier out of range (m) = manual integration

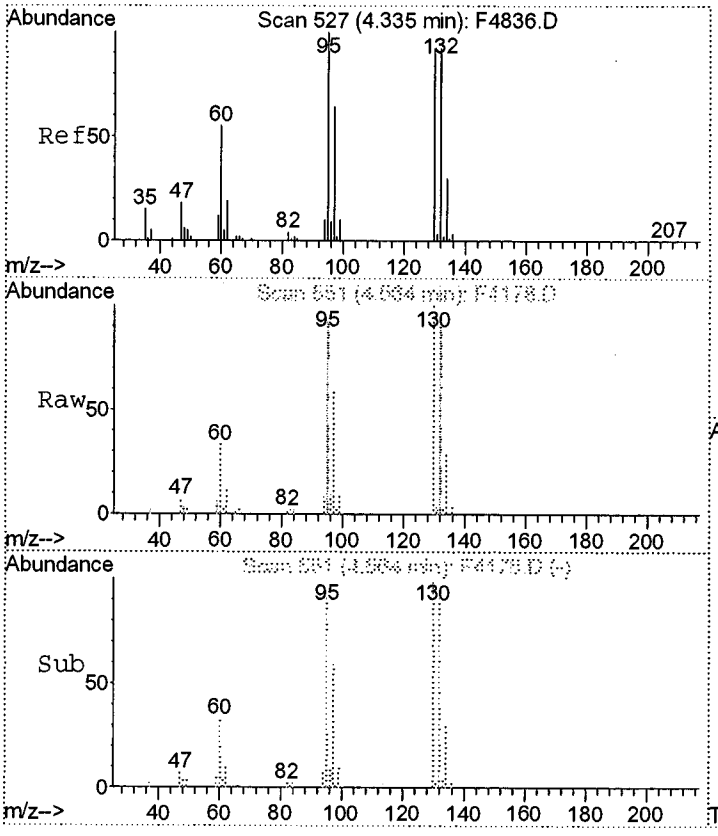


#10
C030 Methylene chloride
Concen: 47.34 ng
RT: 2.58 min Scan# 225
Delta R.T. 0.01 min
Lab File: F4178.D
Acq: 28 Aug 2008 16:30

Tgt Ion: 84 Resp: 42703

Ion	Ratio	Lower	Upper
84	100		
86	65.7	40.0	100.0
49	135.1	95.0	155.0

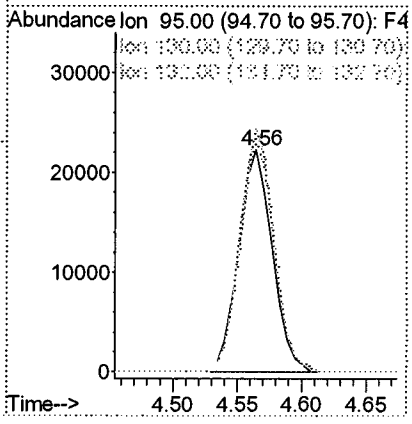


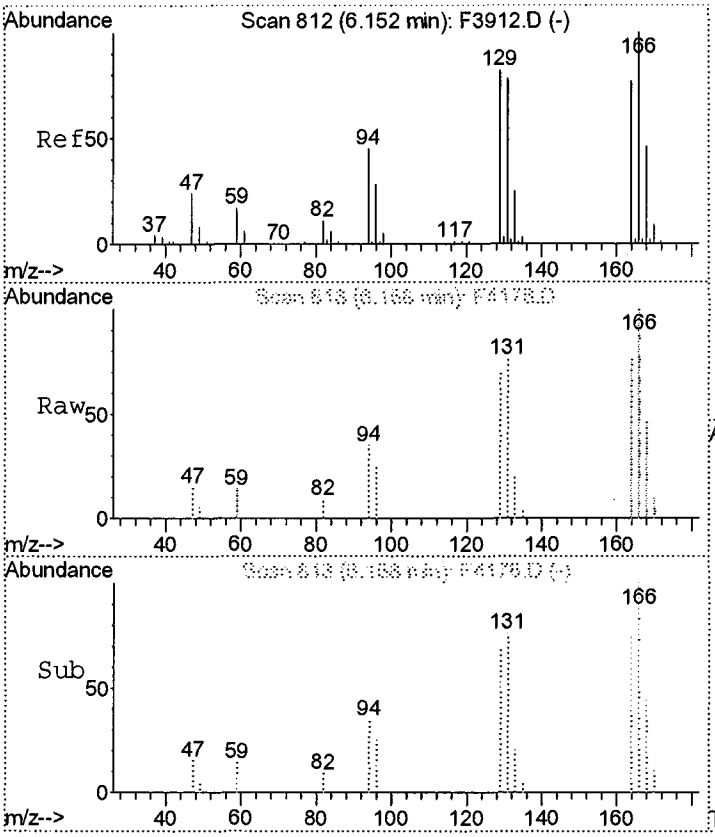


#36
C150 Trichloroethene
Concen: 56.54 ng
RT: 4.56 min Scan# 551
Delta R.T. -0.00 min
Lab File: F4178.D
Acq: 28 Aug 2008 16:30

Tgt Ion: 95 Resp: 40307

Ion	Ratio	Lower	Upper
95	100		
130	109.1	64.7	124.7
132	104.6	67.5	127.5

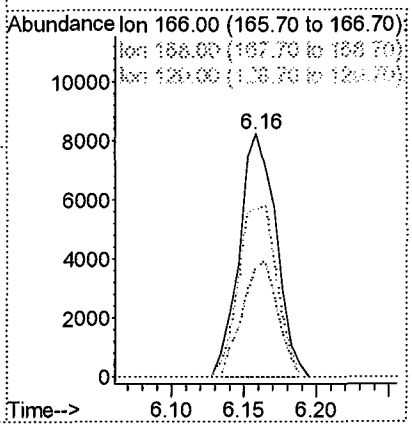


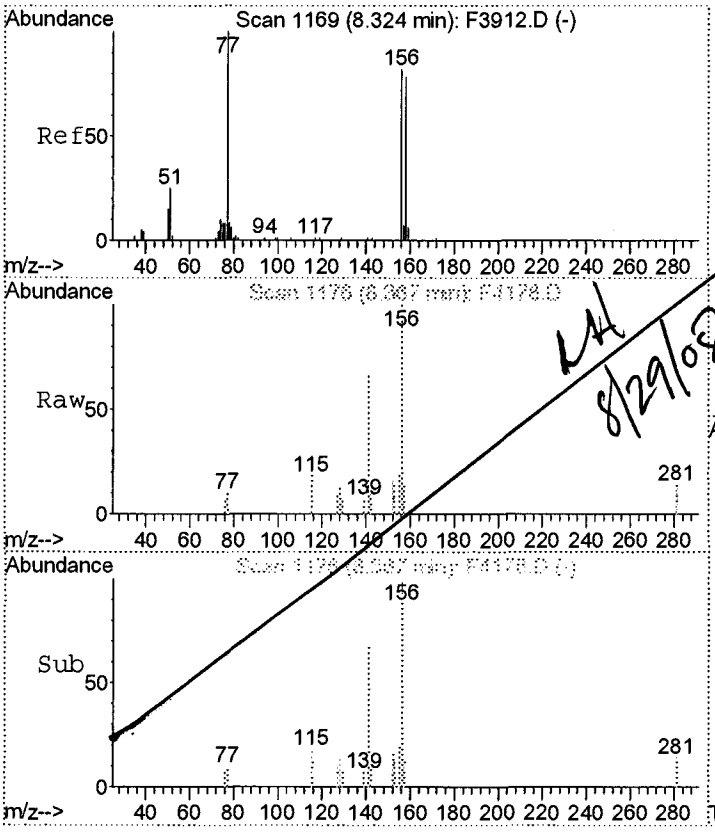


#50
C220 Tetrachloroethene
Concen: 21.48 ng
RT: 6.16 min Scan# 813
Delta R.T. -0.00 min
Lab File: F4178.D
Acq: 28 Aug 2008 16:30

Tgt Ion:166 Resp: 14517

Ion	Ratio	Lower	Upper
166	100		
168	45.5	21.4	81.4
129	68.9	34.7	94.7

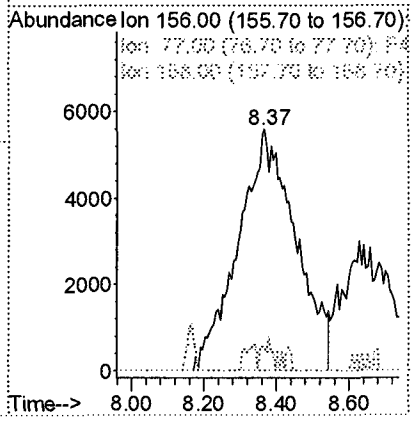




#65
C301 Bromobenzene
Concen: 82.18 ng
RT: 8.37 min Scan# 1176
Delta R.T. 0.04 min
Lab File: F4178.D
Acq: 28 Aug 2008 16:30

Tgt Ion:156 Resp: 61370

Ion	Ratio	Lower	Upper
156	100		
77	9.8	133.1	193.1#
158	0.0	62.9	122.9#



8/29/08

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4179.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	14	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	17	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 5.15 (g/mL) G Lab File ID: F4179.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Quantitation Report (Not Reviewed)

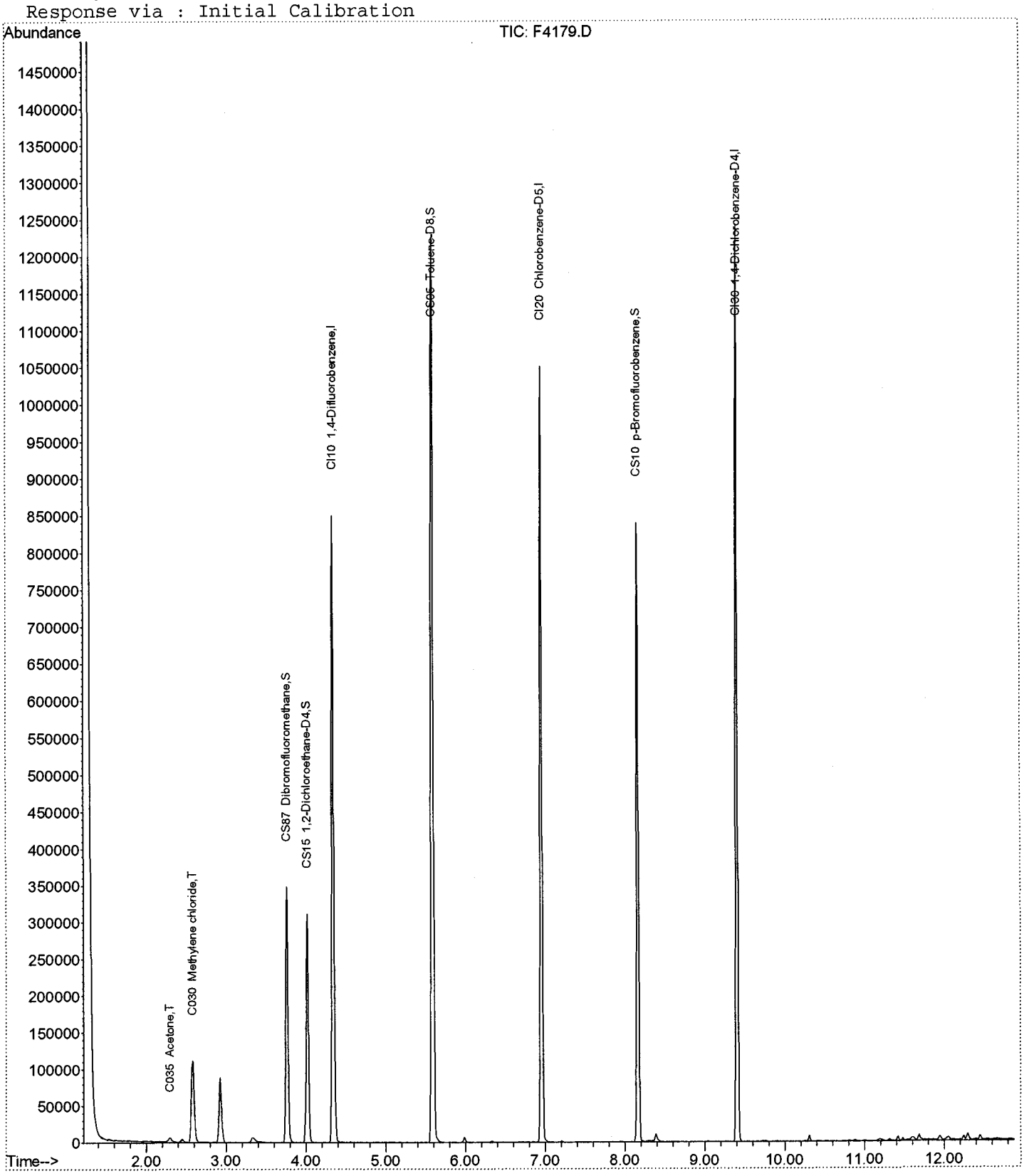
Data File : H:\GCMS_VOA\F\082808\F4179.D
Acq On : 28 Aug 2008 16:55
Sample : A8A47503
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008

Vial: 15
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.15

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4179.D Vial: 15
Acq On : 28 Aug 2008 16:55 Operator: LH
Sample : A8A47503 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:16 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

STE 8/29/08 LA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	768321	250.00	ng	0.00 99.08%
43) CI20 Chlorobenzene-D5	6.96	82	336088	250.00	ng	0.00 98.74%
63) CI30 1,4-Dichlorobenzene-	9.41	152	378808	250.00	ng	0.00 97.25%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	231454	270.20	ng	0.00
Spiked Amount 250.000 Range 70 - 130 Recovery = 108.08%						
32) CS15 1,2-Dichloroethane-D	4.02	65	212616	233.27	ng	0.00
Spiked Amount 250.000 Range 64 - 126 Recovery = 93.31%						
44) CS05 Toluene-D8	5.59	98	866672	276.38	ng	0.00
Spiked Amount 250.000 Range 71 - 125 Recovery = 110.55%						
62) CS10 p-Bromofluorobenzene	8.17	174	283340	270.95	ng	0.00
Spiked Amount 250.000 Range 72 - 126 Recovery = 108.38%						
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.59	84	67850	75.92	ng	95
11) C040 Carbon disulfide	2.45	76	8714	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	11209	61.66	ng	88
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

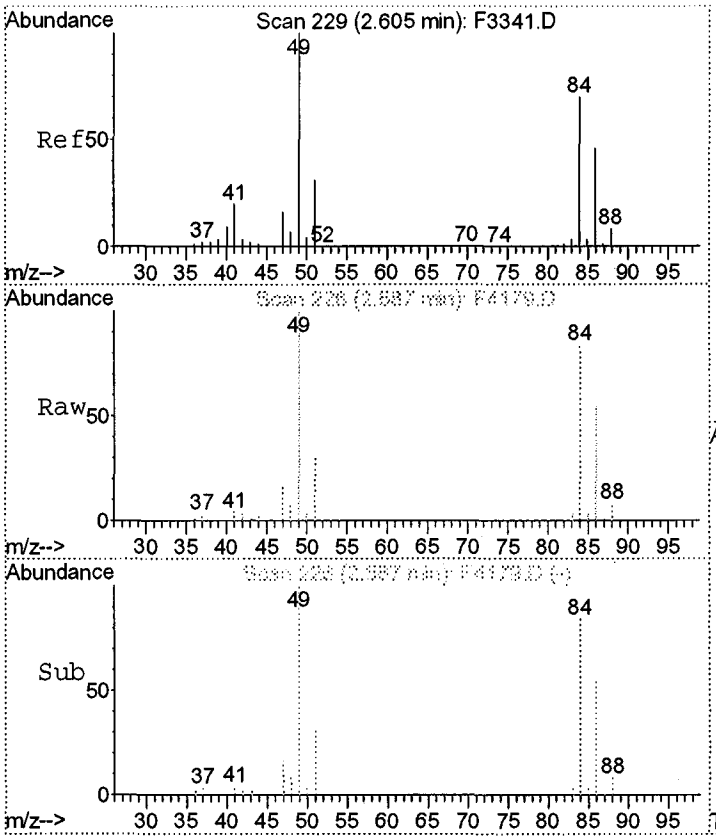
Data File : H:\GCMS_VOA\F\082808\F4179.D
Acq On : 28 Aug 2008 16:55
Sample : A8A47503
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:16 2008

Vial: 15
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.06	78	269	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.44	43	451	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	1504	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	2974	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	6.34	43	136	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.08	91	661	N.D.	
58)	C246	m,p-Xylene	7.20	106	678	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	8.32	156	3969	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.44	91	134	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.56	105	469	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1475	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1475	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	3351	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	3351	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	4519	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

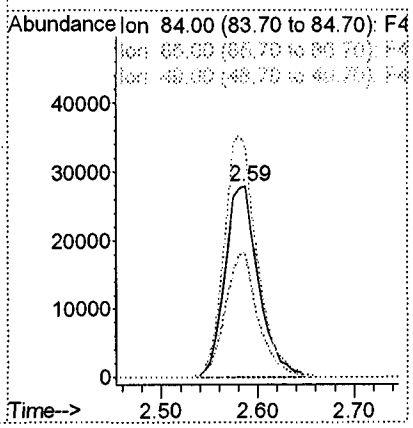
(#) = qualifier out of range (m) = manual integration

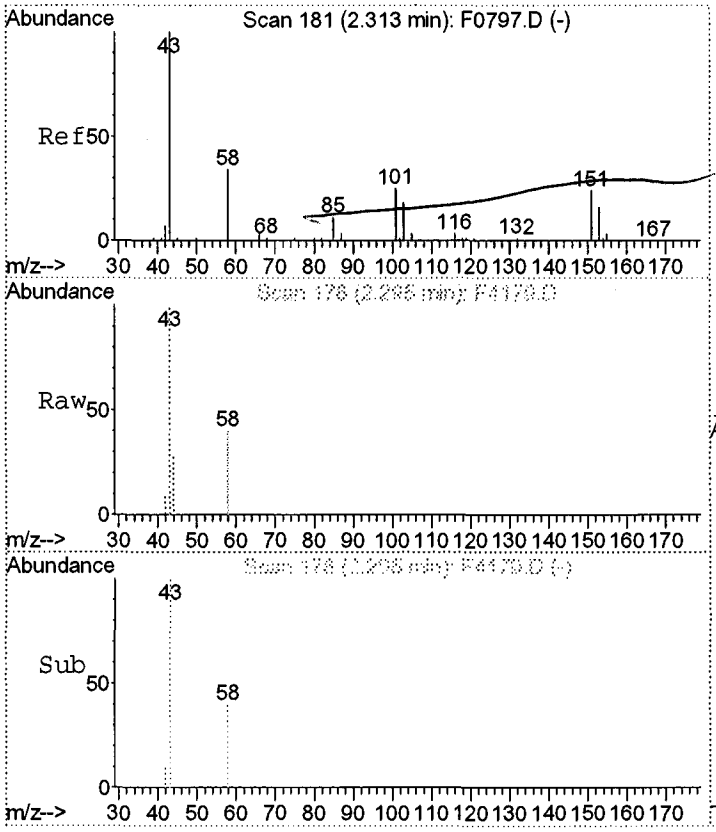


#10
C030 Methylene chloride
Concen: 75.92 ng
RT: 2.59 min Scan# 226
Delta R.T. 0.01 min
Lab File: F4179.D
Acq: 28 Aug 2008 16:55

Tgt Ion: 84 Resp: 67850

Ion	Ratio	Lower	Upper
84	100		
86	65.1	40.0	100.0
49	119.6	95.0	155.0

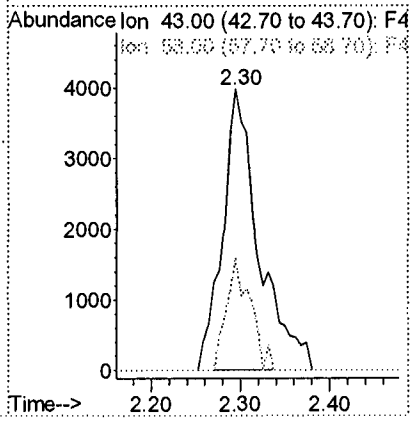




#14
C035 Acetone
Concen: 61.66 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4179.D
Acq: 28 Aug 2008 16:55

Tgt Ion: 43 Resp: 11209

Ion	Ratio	Lower	Upper
43	100		
58	39.9	3.0	63.0



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 5.20 (g/mL) G Lab File ID: F4180.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	8	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	13	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 5.20 (g/mL) G Lab File ID: F4180.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	16	U

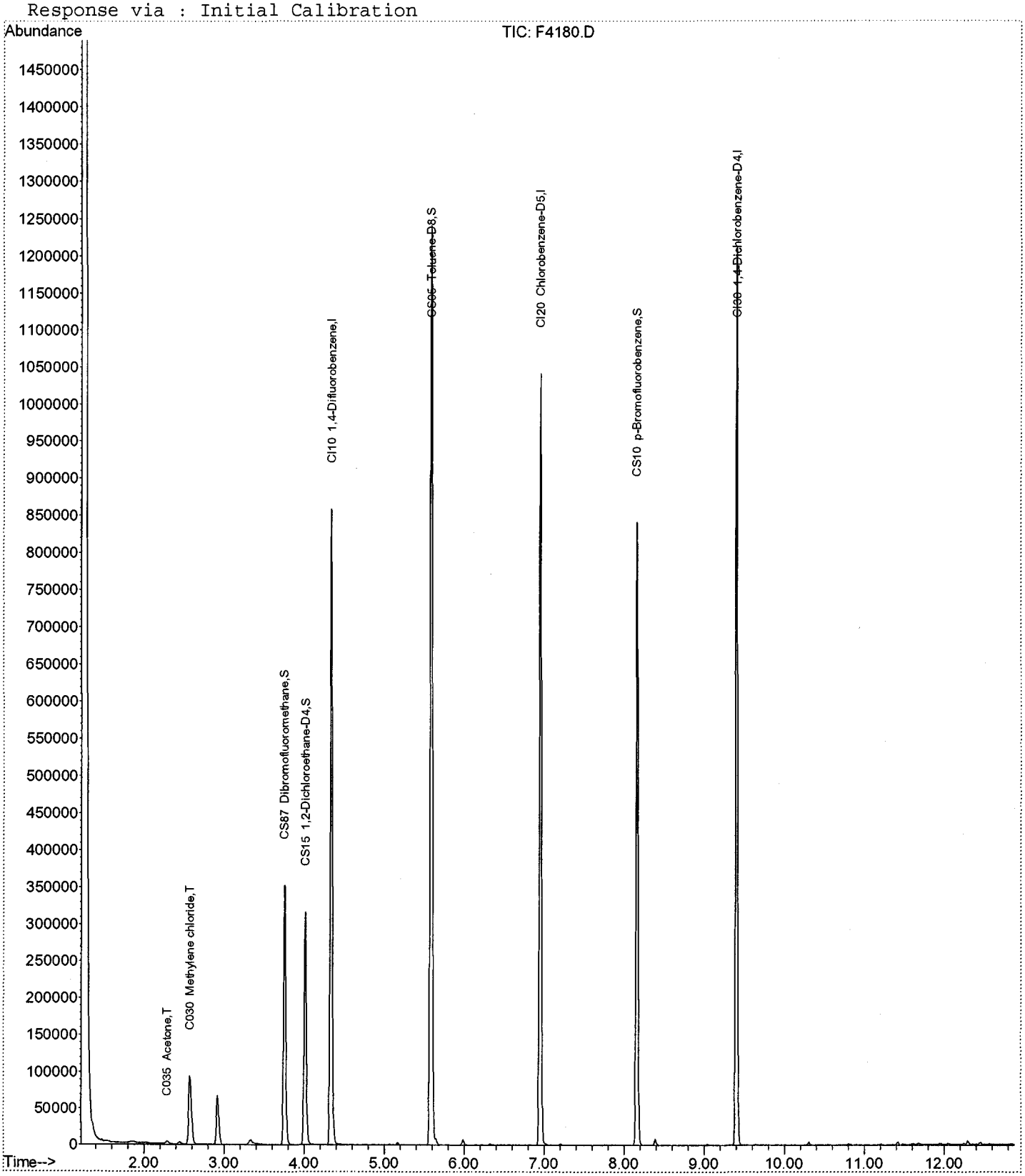
Data File : H:\GCMS_VOA\F\082808\F4180.D
Acq On : 28 Aug 2008 17:21
Sample : A8A47504
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008

Vial: 16
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.20

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4180.D Vial: 16
Acq On : 28 Aug 2008 17:21 Operator: LH
Sample : A8A47504 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:21 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

SVE 8/29/08 LA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	760248	250.00	ng	0.00 98.04%
43) CI20	Chlorobenzene-D5	6.96	82	334352	250.00	ng	0.00 98.23%
63) CI30	1,4-Dichlorobenzene-	9.41	152	378875	250.00	ng	0.00 97.27%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	232957	274.84	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	109.94%		
32) CS15	1,2-Dichloroethane-D	4.02	65	214323	237.64	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	95.06%		
44) CS05	Toluene-D8	5.59	98	871057	279.22	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	111.69%		
62) CS10	p-Bromofluorobenzene	8.17	174	282069	271.13	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	108.45%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	55442	60.61	ng	94
11) C040	Carbon disulfide	2.45	76	7098	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	6242	34.70	ng	99
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	0.00	43	0	N.D.		
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

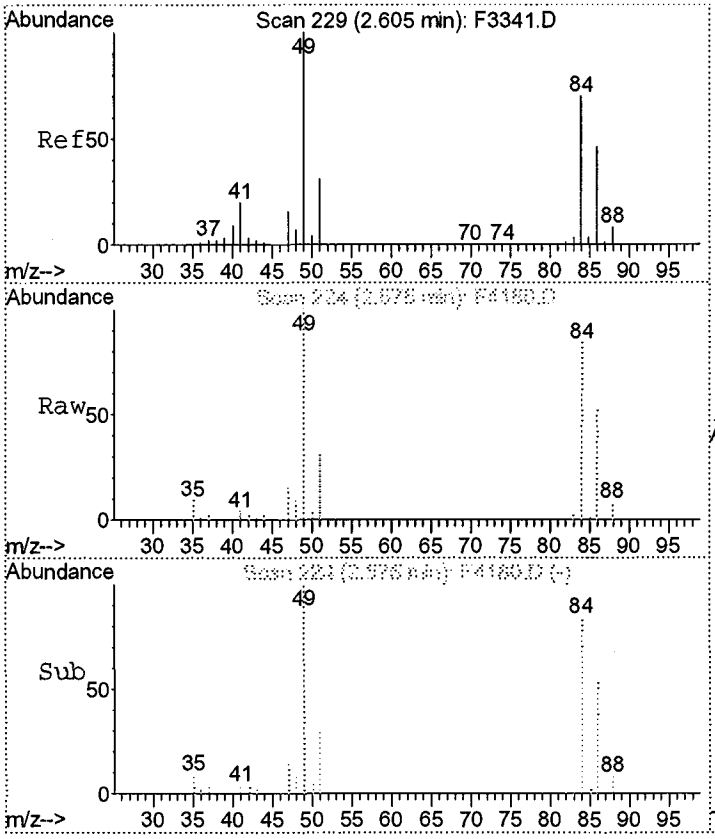
Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4180.D Vial: 16
Acq On : 28 Aug 2008 17:21 Operator: LH
Sample : A8A47504 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:21 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	452	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	0.00	43	0	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	3547	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.58	43	3080	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	6.32	43	141	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	704	N.D.	
58)	C246	m,p-Xylene	7.20	106	881	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	8.32	156	904	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.53	105	429	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1399	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1399	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	2795	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	2795	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.41	128	4424	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

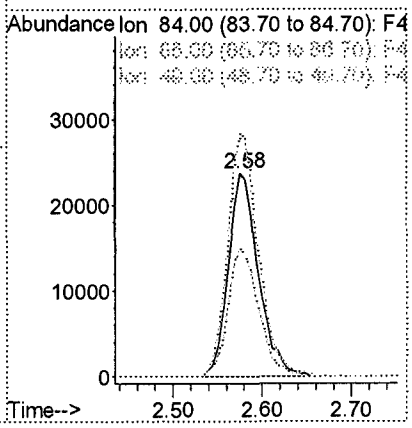
(#) = qualifier out of range (m) = manual integration

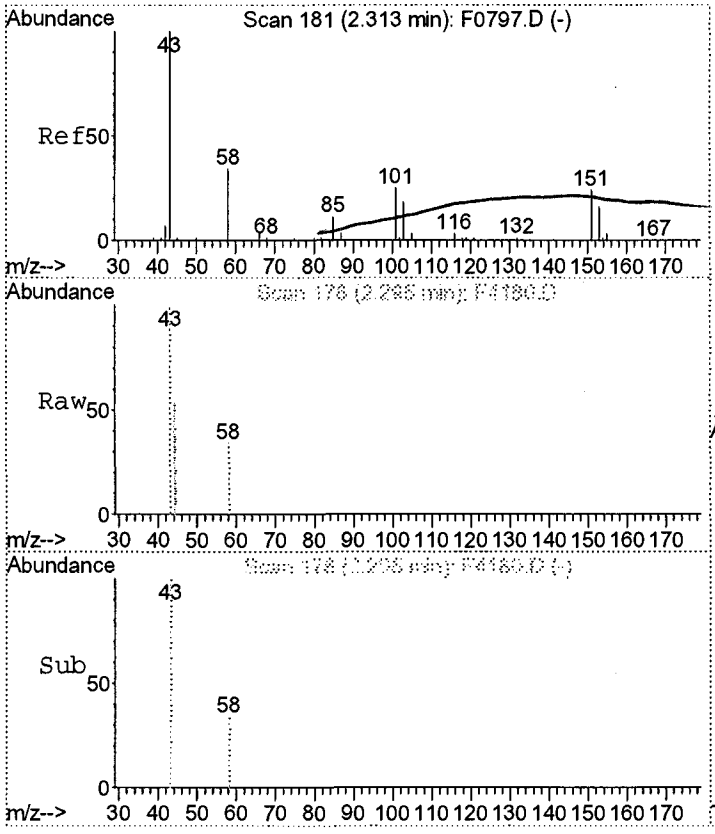


#10
C030 Methylene chloride
Concen: 60.61 ng
RT: 2.58 min Scan# 224
Delta R.T. 0.00 min
Lab File: F4180.D
Acq: 28 Aug 2008 17:21

Tgt Ion: 84 Resp: 55442

Ion	Ratio	Lower	Upper
84	100		
86	62.7	40.0	100.0
49	119.2	95.0	155.0

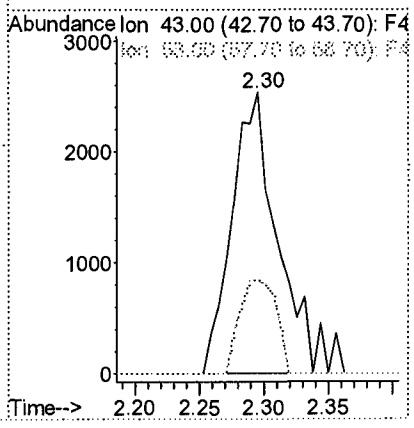




#14
C035 Acetone
Concen: 34.70 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4180.D
Acq: 28 Aug 2008 17:21

Tgt Ion: 43 Resp: 6242

Ion	Ratio	Lower	Upper
43	100		
58	33.5	3.0	63.0



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 5.28 (g/mL) G Lab File ID: F4181.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	21	BJ
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	1	J
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	16	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 5.28 (g/mL) G Lab File ID: F4181.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	16	U

Quantitation Report (Not Reviewed)

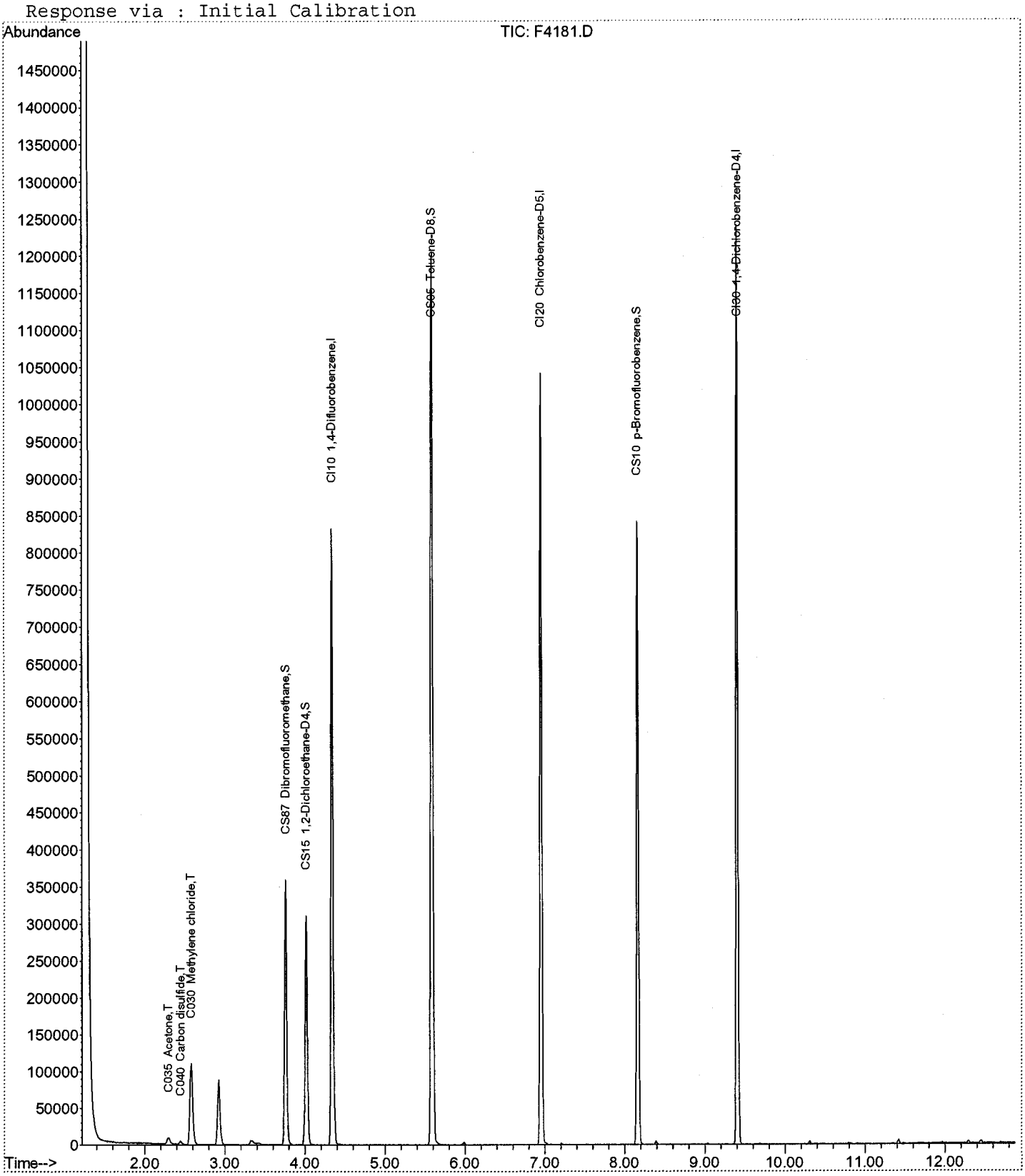
Data File : H:\GCMS_VOA\F\082808\F4181.D
Acq On : 28 Aug 2008 17:46
Sample : A8A47505
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008

Vial: 17
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.28

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4181.D
Acq On : 28 Aug 2008 17:46
Sample : A8A47505
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:27 2008

Vial: 17
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

8/29/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	752769	250.00	ng	0.00 97.08%
43) CI20	Chlorobenzene-D5	6.96	82	331678	250.00	ng	0.00 97.44%
63) CI30	1,4-Dichlorobenzene-	9.41	152	378125	250.00	ng	0.00 97.08%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	231082	275.34	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	110.14%		
32) CS15	1,2-Dichloroethane-D	4.02	65	213300	238.85	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	95.54%		
44) CS05	Toluene-D8	5.59	98	864942	279.50	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	111.80%		
62) CS10	p-Bromofluorobenzene	8.17	174	280652	271.95	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	108.78%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	64052	72.71	ng	95
11) C040	Carbon disulfide	2.45	76	9465	5.19	ng	94
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	17210	96.63	ng	91
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	0.00	43	0	N.D.		
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.64	83	157	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

9/3/08

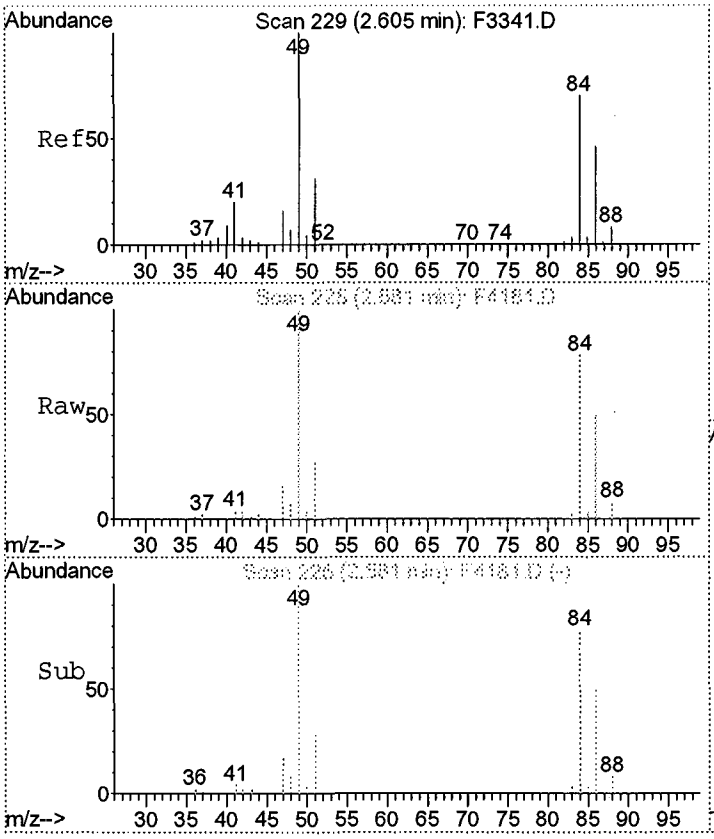
Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4181.D Vial: 17
Acq On : 28 Aug 2008 17:46 Operator: LH
Sample : A8A47505 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:27 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	301	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.42	43	3800	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	1196	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	3098	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	572	N.D.	
58)	C246	m,p-Xylene	7.21	106	760	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.63	105	145	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1543	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1543	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	2663	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	2662	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	5387	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

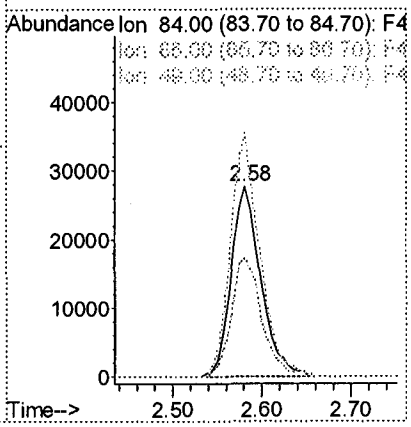
(#) = qualifier out of range (m) = manual integration

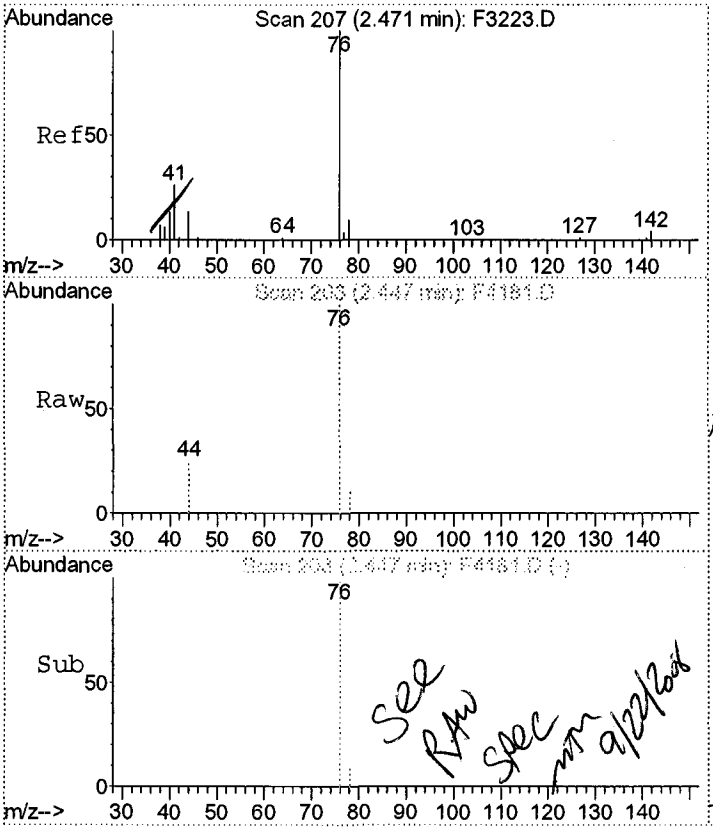


#10
C030 Methylene chloride
Concen: 72.71 ng
RT: 2.58 min Scan# 225
Delta R.T. 0.01 min
Lab File: F4181.D
Acq: 28 Aug 2008 17:46

Tgt Ion: 84 Resp: 64052

Ion	Ratio	Lower	Upper
84	100		
86	62.7	40.0	100.0
49	127.6	95.0	155.0

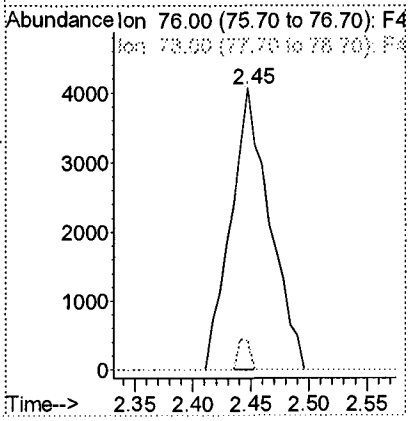




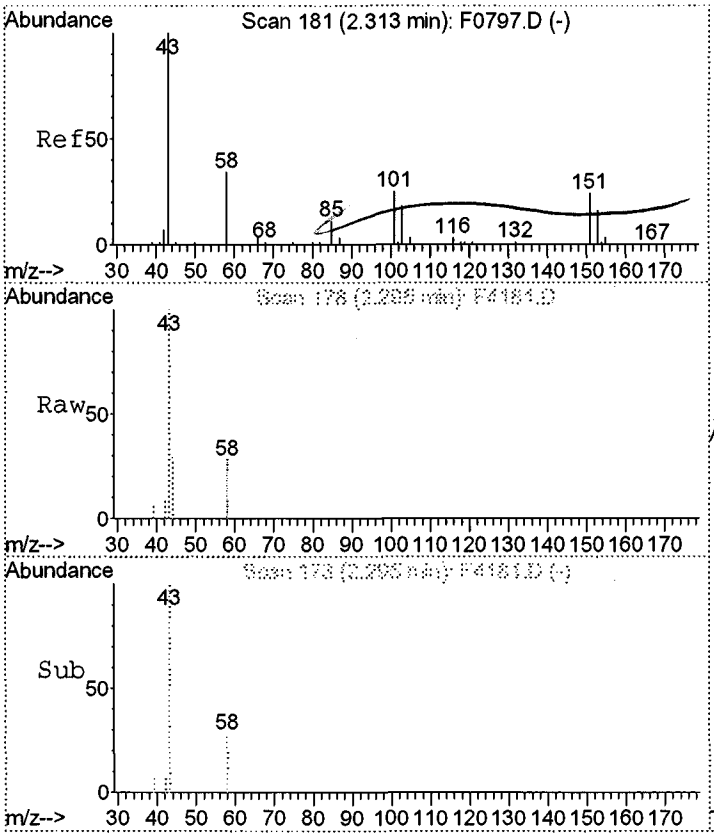
#11
C040 Carbon disulfide
Concen: 5.19 ng
RT: 2.45 min Scan# 203
Delta R.T. 0.01 min
Lab File: F4181.D
Acq: 28 Aug 2008 17:46

Tgt Ion: 76 Resp: 9465

Ion	Ratio	Lower	Upper
76	100		
78	10.2	0.0	38.0



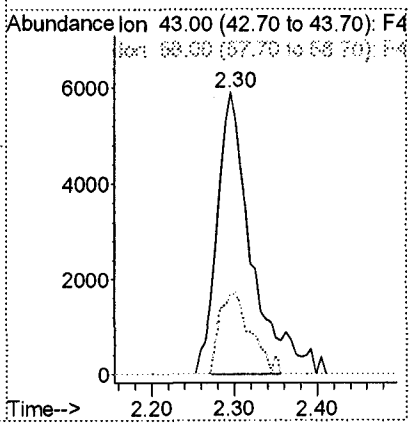
See Raw Spec mm 9/22/08



#14
C035 Acetone
Concen: 96.63 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4181.D
Acq: 28 Aug 2008 17:46

Tgt Ion: 43 Resp: 17210

Ion	Ratio	Lower	Upper
43	100		
58	28.2	3.0	63.0



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4182.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	40	B
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	10	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F4182.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Quantitation Report (Not Reviewed)

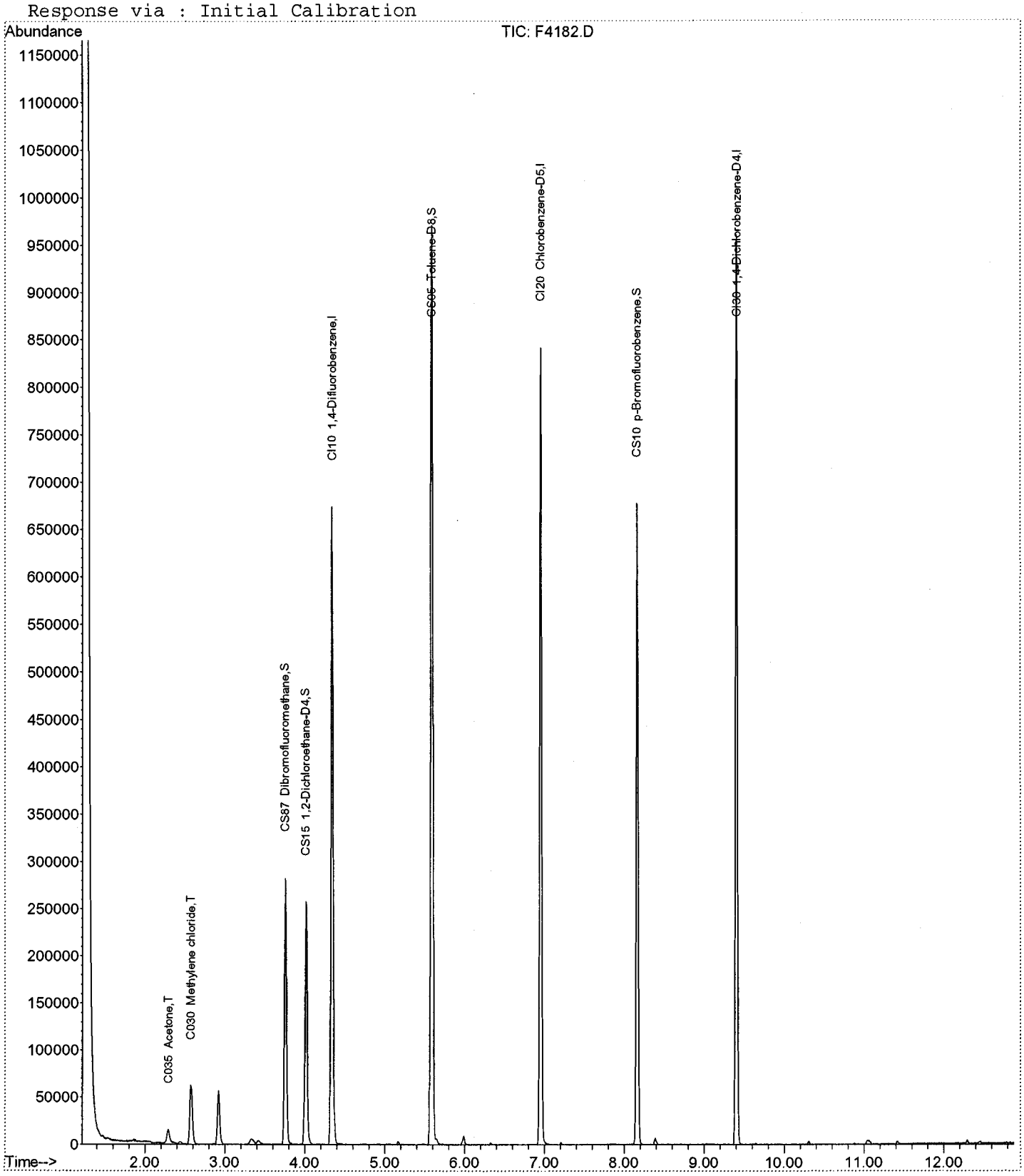
Data File : H:\GCMS_VOA\F\082808\F4182.D
Acq On : 28 Aug 2008 18:12
Sample : A8A47506
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 29 9:33 2008

Vial: 18
Operator: LH
Inst : HP5973F
Multiplr: 1.00

5.21

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4182.D Vial: 18
Acq On : 28 Aug 2008 18:12 Operator: LH
Sample : A8A47506 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:33 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

SVE 8/29/08 LA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	604205	250.00	ng	0.00 77.92%
43) CI20 Chlorobenzene-D5	6.96	82	267467	250.00	ng	0.00 78.58%
63) CI30 1,4-Dichlorobenzene-	9.41	152	297837	250.00	ng	0.00 76.46%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	184157	273.38	ng	0.00
Spiked Amount 250.000	Range 70 - 130		Recovery = 109.35%			
32) CS15 1,2-Dichloroethane-D	4.01	65	173670	242.29	ng	0.00
Spiked Amount 250.000	Range 64 - 126		Recovery = 96.92%			
44) CS05 Toluene-D8	5.59	98	687679	275.57	ng	0.00
Spiked Amount 250.000	Range 71 - 125		Recovery = 110.23%			
62) CS10 p-Bromofluorobenzene	8.17	174	221569	266.24	ng	0.00
Spiked Amount 250.000	Range 72 - 126		Recovery = 106.50%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.58	84	33720	43.57	ng	95
11) C040 Carbon disulfide	2.45	76	5391	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	25467	178.14	ng	99
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

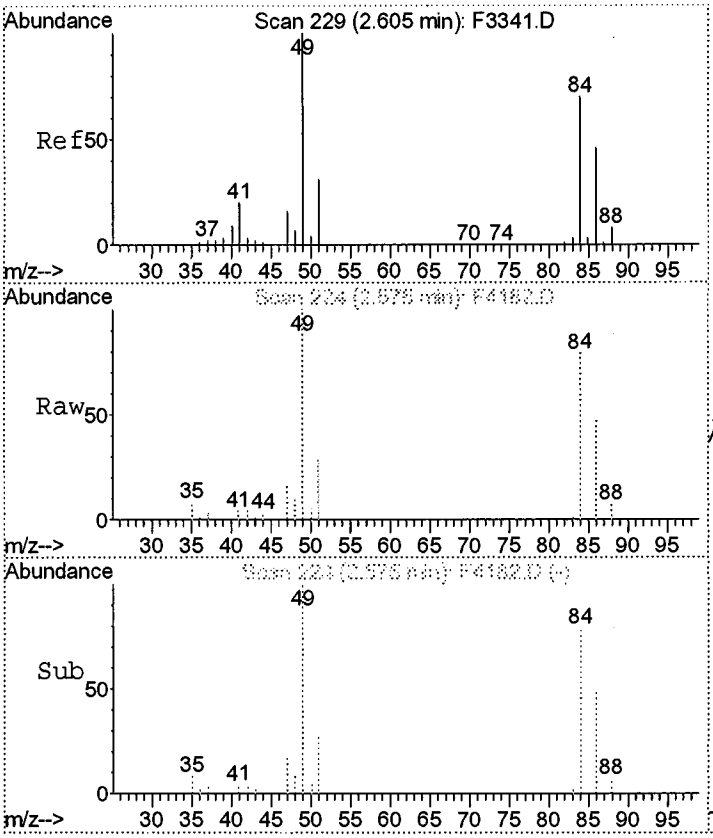
Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4182.D Vial: 18
Acq On : 28 Aug 2008 18:12 Operator: LH
Sample : A8A47506 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 29 09:34:33 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Aug 29 09:31:45 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	1807	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.42	43	6042	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	2586	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	2484	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.20	91	1814	N.D.	
58)	C246	m,p-Xylene	7.20	106	908	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.63	105	138	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1332	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1332	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	2176	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	2176	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.41	128	3544	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

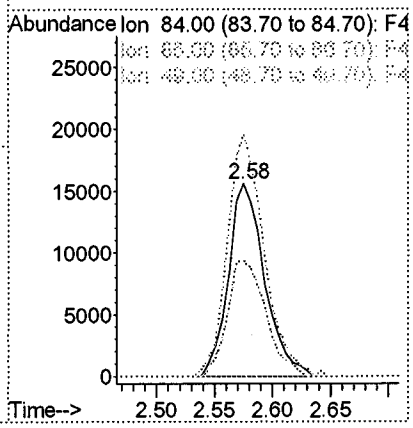
(#) = qualifier out of range (m) = manual integration

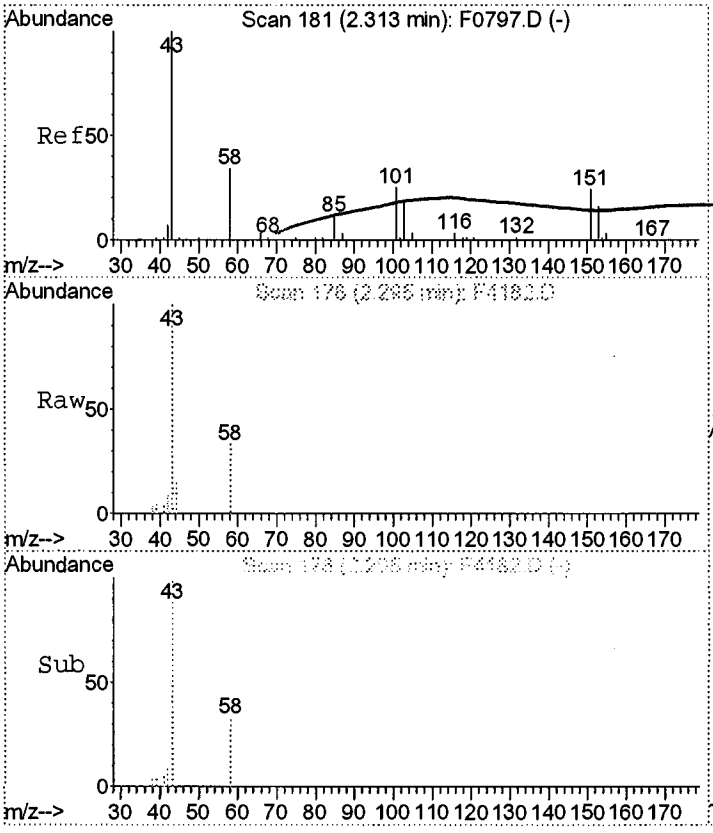


#10
C030 Methylene chloride
Concen: 43.57 ng
RT: 2.58 min Scan# 224
Delta R.T. -0.00 min
Lab File: F4182.D
Acq: 28 Aug 2008 18:12

Tgt Ion: 84 Resp: 33720

Ion	Ratio	Lower	Upper
84	100		
86	60.6	40.0	100.0
49	125.9	95.0	155.0

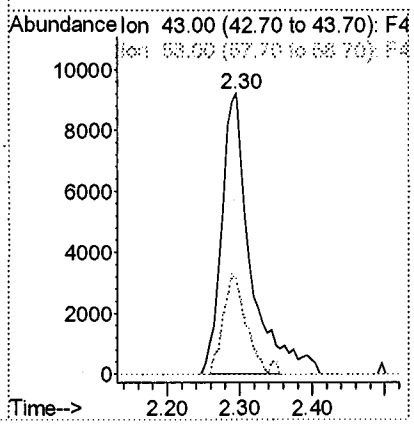




#14
C035 Acetone
Concen: 178.14 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4182.D
Acq: 28 Aug 2008 18:12

Tgt Ion: 43 Resp: 25467

Ion	Ratio	Lower	Upper
43	100		
58	33.3	3.0	63.0



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7581.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7581.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

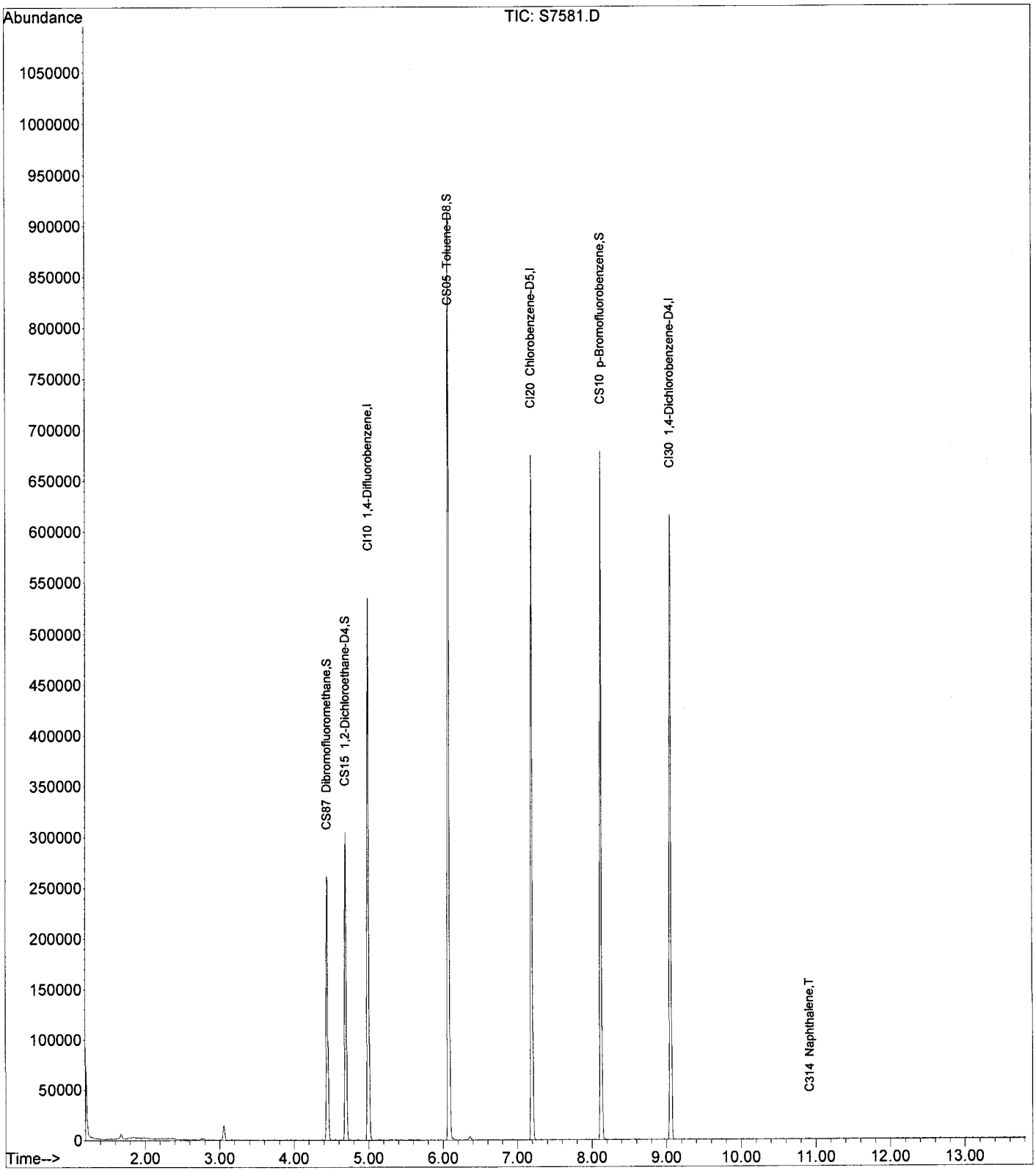
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : D:\MSDCHEM\S\DATA\090708\S7581.D Vial: 24
Acq On : 7 Sep 2008 18:53 Operator: ND
Sample : A8A71303 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 08 09:52:28 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 08 09:47:57 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed) **577/3648**

Data File : D:\MSDCHEM\S\DATA\090708\S7581.D Vial: 24
Acq On : 7 Sep 2008 18:53 Operator: ND
Sample : A8A71303 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:52:28 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 08 09:47:57 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

SAB 9/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	284985	125.00	ng	0.00 81.63%
43) CI20	Chlorobenzene-D5	7.19	82	166123	125.00	ng	0.00 79.23%
63) CI30	1,4-Dichlorobenzene-	9.06	152	120039	125.00	ng	0.00 76.36%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	121356	139.13	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	111.30%	
31) CS15	1,2-Dichloroethane-D	4.69	65	168390	149.39	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	119.51%	
44) CS05	Toluene-D8	6.08	98	466763	119.85	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	95.88%	
62) CS10	p-Bromofluorobenzene	8.12	174	117112	122.05	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	97.64%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.06	84	4402	Below Cal	96
10) C040	Carbon disulfide	2.78	76	1501	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.75	43	1068	N.D.	
14) C300	Acetonitrile	3.05	41	698	Below Cal #	22
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

Data File : D:\MSDCHEM\S\DATA\090708\S7581.D Vial: 24
Acq On : 7 Sep 2008 18:53 Operator: ND
Sample : A8A71303 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 09:52:28 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 08 09:47:57 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.13	92	189	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	2286	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.19	91	184	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	8.13	91	575	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.92	128	855	13.48	ng	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Standards

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000621-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973F Calibration Dates(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Calibration Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20(mm)

Lab File ID: RRF5 = F3903.RR RRF20 = F3904.RR
RRF50 = F3905.RR RRF100 = F3906.RR RRF200 = F3907.RR

COMPOUND		RRF5	RRF20	RRF50	RRF100	RRF200	AVG RRF	% RSD	
Chloromethane	#	0.281	0.268	0.260	0.255	0.258	0.2640	4.000	#
Bromomethane		0.100	0.107	0.112	0.111	0.118	0.1090	6.100	
Vinyl chloride	*	0.226	0.225	0.219	0.218	0.219	0.2210	1.800	*
Chloroethane		0.094	0.101	0.095	0.096	0.101	0.0970	3.400	
Methylene chloride		0.369	0.290	0.270	0.250	0.256	0.2870	16.900	
Acetone		0.070	0.063	0.055	0.052	0.055	0.0590	12.400	
Carbon Disulfide		0.617	0.617	0.602	0.587	0.606	0.6060	2.000	
1,1-Dichloroethene	*	0.159	0.144	0.144	0.136	0.145	0.1460	5.700	*
1,1-Dichloroethane	#	0.430	0.439	0.429	0.402	0.401	0.4200	4.200	#
cis-1,2-Dichloroethene		0.279	0.286	0.279	0.267	0.271	0.2760	2.700	
trans-1,2-Dichloroethene		0.256	0.253	0.248	0.236	0.241	0.2470	3.400	
Chloroform	*	0.422	0.431	0.422	0.396	0.403	0.4150	3.500	*
1,2-Dichloroethane		0.333	0.337	0.326	0.306	0.304	0.3210	4.800	
2-Butanone		0.136	0.145	0.134	0.130	0.129	0.1350	4.900	
1,1,1-Trichloroethane		0.353	0.351	0.355	0.346	0.356	0.3520	1.200	
Carbon Tetrachloride		0.280	0.290	0.310	0.303	0.318	0.3000	5.000	
Bromodichloromethane		0.288	0.308	0.311	0.302	0.317	0.3050	3.600	
1,2-Dichloropropane	*	0.259	0.270	0.258	0.246	0.249	0.2560	3.700	*
cis-1,3-Dichloropropene		0.373	0.415	0.413	0.400	0.410	0.4020	4.400	
Trichloroethene		0.252	0.254	0.249	0.240	0.249	0.2490	2.100	
Dibromochloromethane		0.476	0.528	0.561	0.561	0.582	0.5410	7.700	
1,1,2-Trichloroethane		0.410	0.422	0.408	0.389	0.392	0.4040	3.400	
Benzene		1.035	1.025	0.992	0.942	0.929	0.9850	4.900	
trans-1,3-Dichloropropene		0.758	0.834	0.844	0.820	0.833	0.8180	4.200	
Bromoform	#	0.258	0.309	0.344	0.353	0.378	0.3290	14.200	#
4-Methyl-2-pentanone		0.621	0.685	0.625	0.596	0.554	0.6160	7.700	
2-Hexanone		0.437	0.492	0.447	0.433	0.410	0.4440	6.800	
Tetrachloroethene		0.593	0.583	0.591	0.560	0.559	0.5770	2.800	
1,1,2,2-Tetrachloroethane	#	0.608	0.644	0.624	0.602	0.618	0.6190	2.600	#
Toluene	*	1.796	1.528	1.482	1.380	1.366	1.5100	11.500	*
Chlorobenzene	#	1.725	1.683	1.649	1.576	1.564	1.6400	4.200	#
Ethylbenzene	*	2.866	2.735	2.666	2.503	2.403	2.6350	7.000	*
Styrene		1.752	1.794	1.760	1.668	1.624	1.7190	4.100	
Total Xylenes		1.044	1.060	1.046	0.991	0.981	1.0240	3.500	
1,1,2-Trichloro-1,2,2-trifl		0.152	0.155	0.156	0.148	0.155	0.1530	2.100	
1,2,4-Trichlorobenzene		0.977	0.949	0.921	0.884	0.914	0.9290	3.800	
1,2-Dibromo-3-chloropropane		0.112	0.121	0.121	0.126	0.137	0.1230	7.500	

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000621-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973F Calibration Dates(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Calibration Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20(mm)

Lab File ID: RRF5 = F3903.RR RRF20 = F3904.RR
RRF50 = F3905.RR RRF100 = F3906.RR RRF200 = F3907.RR

COMPOUND	RRF5	RRF20	RRF50	RRF100	RRF200	AVG RRF	% RSD
1,2-Dibromoethane	0.505	0.538	0.520	0.504	0.512	0.5160	2.700
1,2-Dichlorobenzene	1.319	1.313	1.254	1.195	1.193	1.2550	4.900
1,3-Dichlorobenzene	1.350	1.342	1.298	1.241	1.263	1.2990	3.700
1,4-Dichlorobenzene	1.459	1.378	1.318	1.257	1.261	1.3350	6.400
Cyclohexane	0.423	0.420	0.419	0.410	0.409	0.4160	1.500
Dichlorodifluoromethane	0.197	0.202	0.197	0.190	0.191	0.1950	2.500
Methyl acetate	0.295	0.343	0.313	0.302	0.306	0.3120	6.000
Trichlorofluoromethane	0.226	0.224	0.225	0.226	0.231	0.2260	1.300
Methyl-t-Butyl Ether (MTBE)	0.738	0.793	0.757	0.728	0.733	0.7500	3.600
Isopropylbenzene	2.521	2.500	2.461	2.392	2.387	2.4520	2.500
Methylcyclohexane	0.417	0.411	0.415	0.406	0.405	0.4110	1.300
Toluene-D8	2.706	2.284	2.550	2.186	1.937	2.3330	13.000
p-Bromofluorobenzene	0.935	0.756	0.825	0.714	0.658	0.7780	13.800
1,2-Dichloroethane-D4	0.323	0.306	0.304	0.279	0.270	0.2970	7.300

Comments:

Response Factor Report HP5973F

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:20:50 2008
Response via : Initial Calibration

8260Soil
A8I-0621

Calibration Files
1 =F3903.D 2 =F3904.D 3 =F3905.D
4 =F3906.D 5 =F3907.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------						
2)	T	C290	Dichlorodifluor	0.197	0.202	0.197	0.190	0.190	0.195	2.55
3)	T	C010	Chloromethane	0.281	0.268	0.260	0.254	0.258	0.264	3.96
4)	T	C020	Vinyl chloride	0.226	0.225	0.219	0.218	0.219	0.221	1.79
5)	T	C015	Bromomethane	0.100	0.106	0.112	0.111	0.117	0.109	6.06
6)	T	C025	Chloroethane	0.094	0.101	0.095	0.096	0.100	0.097	3.37
7)	T	C275	Trichlorofluoro	0.226	0.224	0.225	0.226	0.231	0.226	1.28
8)	T	C291	1,1,2-Trichloro	0.152	0.155	0.156	0.148	0.155	0.153	2.09
9)	T	C045	1,1-Dichloroeth	0.159	0.144	0.144	0.136	0.145	0.146	5.74
10)	T	C030	Methylene chlor	0.369	0.289	0.270	0.250	0.256	-----	
								L M=	0.251	R^2=0.999
								B=	0.014	
11)	T	C040	Carbon disulfid	0.617	0.617	0.602	0.587	0.606	0.606	2.03
12)	T	C036	Acrolein	0.025	0.027	0.024	0.023	0.023	0.025	5.99
13)	T	C038	Acrylonitrile	0.093	0.102	0.096	0.092	0.093	0.095	4.31
14)	T	C035	Acetone	0.070	0.063	0.055	0.052	0.055	0.059	12.37
15)	T	C300	Acetonitrile	0.033	0.035	0.032	0.030	0.031	0.032	6.28
16)	T	C276	Iodomethane	0.334	0.349	0.333	0.333	0.337	0.337	2.06
17)	T	C255	Methyl Acetate	0.295	0.343	0.313	0.302	0.306	0.312	5.97
18)	T	C962	T-butyl Methyl	0.738	0.793	0.757	0.728	0.732	0.750	3.56
19)	T	C057	trans-1,2-Dichl	0.256	0.252	0.248	0.236	0.241	0.247	3.36
20)	T	C050	1,1-Dichloroeth	0.430	0.439	0.428	0.402	0.401	0.420	4.18
21)	T	C125	Vinyl Acetate	0.517	0.555	0.523	0.483	0.432	0.502	9.36
22)	T	C051	2,2-Dichloropro	0.332	0.340	0.335	0.323	0.327	0.331	1.97
23)	T	C056	cis-1,2-Dichlor	0.279	0.286	0.279	0.267	0.271	0.276	2.74
24)	T	C272	Tetrahydrofuran	0.089	0.099	0.091	0.088	0.088	0.091	4.99
25)	T	C222	Bromochlorometh	0.144	0.150	0.147	0.138	0.144	0.145	3.07
26)	T	C060	Chloroform	0.422	0.431	0.422	0.396	0.402	0.415	3.51
27)	S	CS87	Dibromofluorome	0.290	0.278	0.301	0.269	0.255	0.279	6.38
28)	T	C256	Cyclohexane	0.423	0.420	0.418	0.410	0.409	0.416	1.54
29)	T	C115	1,1,1-Trichloro	0.353	0.350	0.355	0.346	0.356	0.352	1.20
30)	T	C120	Carbon tetrachl	0.280	0.290	0.310	0.303	0.317	0.300	5.02
31)	T	C116	1,1-Dichloropro	0.318	0.322	0.319	0.305	0.306	0.314	2.50
32)	S	CS15	1,2-Dichloroeth	0.323	0.306	0.304	0.279	0.270	0.297	7.33
33)	T	C165	Benzene	1.035	1.025	0.992	0.942	0.929	0.985	4.86
34)	T	C065	1,2-Dichloroeth	0.333	0.337	0.326	0.305	0.304	0.321	4.76
35)	T	C110	2-Butanone	0.136	0.145	0.134	0.130	0.128	0.135	4.85
36)	T	C150	Trichloroethene	0.252	0.254	0.249	0.240	0.249	0.249	2.07
37)	T	C161	2-Chloroethylvi	0.149	0.170	0.159	0.152	0.146	0.155	6.18
38)	T	C012	Methylcyclohexa	0.417	0.411	0.415	0.406	0.405	0.411	1.29
39)	T	C140	1,2-Dichloropro	0.259	0.270	0.258	0.246	0.249	0.256	3.66
40)	T	C278	Dibromomethane	0.152	0.161	0.155	0.147	0.151	0.153	3.19
41)	T	C130	Bromodichlorome	0.288	0.308	0.311	0.302	0.317	0.305	3.60
42)	T	C145	cis-1,3-Dichlor	0.373	0.415	0.413	0.400	0.410	0.402	4.37
43)	I	CI20	Chlorobenzene-D	----------ISTD----------						
44)	S	CS05	Toluene-D8	2.706	2.284	2.550	2.186	1.937	2.333	13.00
45)	T	C230	Toluene	1.796	1.528	1.482	1.380	1.366	1.510	11.49
46)	T	C170	trans-1,3-Dichl	0.758	0.834	0.844	0.820	0.832	0.818	4.24
47)	T	C284	Ethyl Methacryl	0.716	0.807	0.799	0.774	0.776	0.775	4.59
48)	T	C160	1,1,2-Trichloro	0.410	0.422	0.408	0.389	0.392	0.404	3.42

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973F

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:20:50 2008
Response via : Initial Calibration

Calibration Files
1 =F3903.D 2 =F3904.D 3 =F3905.D
4 =F3906.D 5 =F3907.D

		Compound		1	2	3	4	5	Avg	%RSD
49)	T	C210	4-Methyl-2-pent	0.621	0.685	0.625	0.596	0.554	0.616	7.72
50)	T	C220	Tetrachloroethe	0.593	0.583	0.591	0.560	0.559	0.577	2.83
51)	T	C221	1,3-Dichloropro	0.870	0.897	0.870	0.822	0.813	0.855	4.17
52)	T	C155	Dibromochlorome	0.476	0.528	0.561	0.561	0.582	0.541	7.66
53)	T	C163	1,2-Dibromoetha	0.505	0.538	0.520	0.504	0.511	0.516	2.67
54)	T	C215	2-Hexanone	0.437	0.492	0.447	0.433	0.410	0.444	6.79
55)	T	C235	Chlorobenzene	1.725	1.683	1.649	1.576	1.564	1.640	4.20
56)	T	C281	1,1,1,2-Tetrach	0.496	0.556	0.559	0.546	0.555	0.543	4.89
57)	T	C240	Ethylbenzene	2.866	2.735	2.666	2.503	2.403	2.635	6.98
58)	T	C246	m,p-Xylene	1.084	1.062	1.040	0.975	0.940	1.020	5.95
59)	T	C247	o-Xylene	1.044	1.060	1.046	0.991	0.981	1.024	3.48
60)	T	C245	Styrene	1.752	1.794	1.760	1.668	1.624	1.719	4.12
61)	T	C180	Bromoform	0.258	0.309	0.344	0.353	0.378	0.329	14.15
62)	S	CS10	p-Bromofluorobe	0.935	0.756	0.825	0.714	0.658	0.778	13.77
63)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
64)	T	C966	Isopropylbenzen	2.521	2.500	2.461	2.392	2.387	2.452	2.50
65)	T	C301	Bromobenzene	0.694	0.701	0.678	0.658	0.673	0.681	2.50
66)	T	C225	1,1,2,2-Tetrach	0.608	0.644	0.624	0.602	0.618	0.619	2.62
67)	T	C282	1,2,3-Trichloro	0.193	0.210	0.203	0.191	0.193	0.198	4.03
68)	T	C283	t-1,4-Dichloro-	0.179	0.200	0.187	0.184	0.179	0.186	4.61
69)	T	C302	n-Propylbenzene	3.051	3.020	2.962	2.814	2.753	2.920	4.47
70)	T	C303	O 2-Chlorotolue	0.661	0.657	0.641	0.618	0.633	0.642	2.74
71)	T	C289	P 4-Chlorotolue	0.664	0.682	0.659	0.628	0.636	0.654	3.30
72)	T	C304	1,3,5-Trimethyl	2.166	2.187	2.132	2.048	2.007	2.108	3.68
73)	T	C306	tert-Butylbenze	0.482	0.488	0.484	0.474	0.482	0.482	1.05
74)	T	C307	1,2,4-Trimethyl	2.213	2.236	2.193	2.096	2.091	2.166	3.13
75)	T	C308	sec-Butylbenzen	2.600	2.576	2.587	2.481	2.455	2.540	2.64
76)	T	C260	1,3-Dichloroben	1.350	1.342	1.298	1.241	1.263	1.299	3.67
77)	T	C309	p-Cymene (4-Iso	2.448	2.460	2.443	2.356	2.311	2.404	2.76
78)	T	C267	1,4-Dichloroben	1.459	1.378	1.318	1.257	1.261	1.335	6.37
79)	T	C249	1,2-Dichloroben	1.319	1.313	1.254	1.195	1.193	1.255	4.86
80)	T	C310	n-Butylbenzene	2.217	2.166	2.159	2.030	1.970	2.108	4.91
81)	T	C286	1,2-Dibromo-3-C	0.111	0.121	0.121	0.126	0.137	0.123	7.49
82)	T	C313	1,2,4-Trichloro	0.977	0.949	0.921	0.884	0.914	0.929	3.84
83)	T	C316	Hexachlorobutad	0.472	0.452	0.457	0.434	0.436	0.450	3.44
84)	T	C314	Naphthalene	2.778	2.610	2.451	2.338	2.319	2.499	7.77
85)	T	C934	1,2,3-Trichloro	0.913	0.911	0.885	0.846	0.851	0.881	3.64

Total Average %RSD 4.66

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 08/19/2008 ICC Profile Page: 1
Time: 19:01:11 Rept: AN0287R

ICC Profile Code: A00168 8260/5ML (30% RSD CCC/15% OTHER/ CCV 20% CCC)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.0000 QC Approver: TRB
CCC Conc: 250.00 QC Date: 04/10/2008

Comments:

			ng On Column				
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
10	74-87-3	Chloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
20	74-83-9	Bromomethane	25.0000	100.0000	250.0000	500.0000	1000.0000
30	75-01-4	Vinyl chloride	25.0000	100.0000	250.0000	500.0000	1000.0000
35	74-97-5	Bromochloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
40	75-00-3	Chloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
50	75-09-2	Methylene chloride	25.0000	100.0000	250.0000	500.0000	1000.0000
55	637-92-3	Ethyl-t-butyl ether (ETBE)	25.0000	100.0000	250.0000	500.0000	1000.0000
56	994-05-8	tert-Amyl Methyl Ether (TAME)	25.0000	100.0000	250.0000	500.0000	1000.0000
60	67-64-1	Acetone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
70	75-15-0	Carbon Disulfide	25.0000	100.0000	250.0000	500.0000	1000.0000
80	75-35-4	1,1-Dichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
90	75-34-3	1,1-Dichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
97	544-10-5	1-Chlorohexane	25.0000	100.0000	250.0000	500.0000	1000.0000
98	156-59-2	cis-1,2-Dichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
99	156-60-5	trans-1,2-Dichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
100	545-06-2	Trichloroacetonitrile	25.0000	0.0000	0.0000	0.0000	0.0000
101	540-59-0	1,2-Dichloroethene (Total)	50.0000	200.0000	500.0000	1000.0000	2000.0000
102	77-73-6	Dicyclopentadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
103	526-73-8	1,2,3-Trimethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
105	106-99-0	1,3-Butadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
108	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
110	67-66-3	Chloroform	25.0000	100.0000	250.0000	500.0000	1000.0000
115	67-63-0	2-Propanol	500.0000	2000.0000	5000.0000	10000.0000	20000.0000
120	107-06-2	1,2-Dichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
130	78-93-3	2-Butanone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
140	71-55-6	1,1,1-Trichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
150	56-23-5	Carbon Tetrachloride	25.0000	100.0000	250.0000	500.0000	1000.0000
151	628-63-7	n-Amyl Acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
152	110-43-0	Methyl amyl ketone (2-Heptanon	25.0000	100.0000	250.0000	500.0000	1000.0000
160	108-05-4	Vinyl acetate	125.0000	500.0000	1250.0000	2500.0000	5000.0000
170	75-27-4	Bromodichloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
180	78-87-5	1,2-Dichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
190	10061-01-5	cis-1,3-Dichloropropene	25.0000	100.0000	250.0000	500.0000	1000.0000
200	79-01-6	Trichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
210	124-48-1	Dibromochloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
220	79-00-5	1,1,2-Trichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
230	71-43-2	Benzene	25.0000	100.0000	250.0000	500.0000	1000.0000
240	10061-02-6	trans-1,3-Dichloropropene	25.0000	100.0000	250.0000	500.0000	1000.0000
250	75-25-2	Bromoform	25.0000	100.0000	250.0000	500.0000	1000.0000
260	108-10-1	4-Methyl-2-pentanone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
270	591-78-6	2-Hexanone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
280	127-18-4	Tetrachloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
290	79-34-5	1,1,2,2-Tetrachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
300	108-88-3	Toluene	25.0000	100.0000	250.0000	500.0000	1000.0000
310	108-90-7	Chlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
320	100-41-4	Ethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
330	100-42-5	Styrene	25.0000	100.0000	250.0000	500.0000	1000.0000

ICC Profile Code: A00168 8260/5ML (30% RSD CCC/15% OTHER/ CCV 20% CCC) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
340	1330-20-7	Total Xylenes	75.0000	300.0000	750.0000	1500.0000	3000.0000
350	2037-26-5	Toluene-D8	25.0000	100.0000	250.0000	500.0000	1000.0000
360	460-00-4	p-Bromofluorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
380	630-20-6	1,1,1,2-Tetrachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
390	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	25.0000	100.0000	250.0000	500.0000	1000.0000
400	563-58-6	1,1-Dichloropropene	25.0000	100.0000	250.0000	500.0000	1000.0000
410	534-15-6	1,1-Dimethoxyethane	125.0000	500.0000	1250.0000	2500.0000	5000.0000
420	87-61-6	1,2,3-Trichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
430	96-18-4	1,2,3-Trichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
440	120-82-1	1,2,4-Trichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
450	95-63-6	1,2,4-Trimethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
460	12/14DCLB	1,2-& 1,4-Dichlorobenzene	25.0000	0.0000	0.0000	0.0000	0.0000
470	96-12-8	1,2-Dibromo-3-chloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
480	106-93-4	1,2-Dibromoethane	25.0000	100.0000	250.0000	500.0000	1000.0000
490	95-50-1	1,2-Dichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
500	108-67-8	1,3,5-Trimethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
510	541-73-1	1,3-Dichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
520	142-28-9	1,3-Dichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
530	106-46-7	1,4-Dichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
540	110-56-5	1,4-Dichlorobutane	25.0000	100.0000	250.0000	500.0000	1000.0000
550	123-91-1	1,4-Dioxane	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
560	540-36-3	1,4-Difluorobenzene	250.0000	250.0000	250.0000	250.0000	250.0000
570	594-20-7	2,2-Dichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
580	110-75-8	2-Chloroethylvinyl ether	125.0000	500.0000	1250.0000	2500.0000	5000.0000
590	95-49-8	o-Chlorotoluene	25.0000	100.0000	250.0000	500.0000	1000.0000
600	591-76-4	2-Methyl hexane	25.0000	100.0000	250.0000	500.0000	1000.0000
610	497-26-7	2-Methyl-1,3-Dioxolane	25.0000	100.0000	250.0000	500.0000	1000.0000
620	78-83-1	Isobutanol	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
630	534-22-5	2-Methylfuran	25.0000	100.0000	250.0000	500.0000	1000.0000
640	88-16-4	o-Monochlorobenzotrifluoride	25.0000	100.0000	250.0000	500.0000	1000.0000
650	79-46-9	2-Nitropropane	125.0000	500.0000	1250.0000	2500.0000	5000.0000
660	109-06-8	2-Picoline	25.0000	0.0000	0.0000	0.0000	0.0000
670	107-05-1	3-Chloropropene (Allyl Chlor.)	25.0000	100.0000	250.0000	500.0000	1000.0000
680	589-34-4	3-Methyl hexane	25.0000	100.0000	250.0000	500.0000	1000.0000
690	96-14-0	3-Methyl pentane	25.0000	100.0000	250.0000	500.0000	1000.0000
700	98-15-7	m-Monochlorobenzotrifluoride	25.0000	100.0000	250.0000	500.0000	1000.0000
710	99-87-6	p-Cymene	25.0000	100.0000	250.0000	500.0000	1000.0000
720	98-56-6	p-Monochlorobenzotrifluoride	25.0000	100.0000	250.0000	500.0000	1000.0000
730	75-05-8	Acetonitrile	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
740	107-02-8	Acrolein	500.0000	2000.0000	5000.0000	10000.0000	20000.0000
750	107-13-1	Acrylonitrile	125.0000	500.0000	1250.0000	2500.0000	5000.0000
770	108-86-1	Bromobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
790	71-36-3	n-Butyl alcohol	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
800	3114-55-4	Chlorobenzene-D5	250.0000	250.0000	250.0000	250.0000	250.0000
810	126-99-8	2-Chloro-1,3-butadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
820	80-15-9	Cumene Hydroperoxide	25.0000	100.0000	250.0000	500.0000	1000.0000
830	110-82-7	Cyclohexane	25.0000	100.0000	250.0000	500.0000	1000.0000
840	108-94-1	Cyclohexanone	250.0000	1000.0000	2500.0000	5000.0000	10000.0000
850	74-95-3	Dibromomethane	25.0000	100.0000	250.0000	500.0000	1000.0000
860	75-71-8	Dichlorodifluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
870	75-43-4	Dichlorofluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
880	106-89-8	Epichlorohydrin	125.0000	500.0000	1250.0000	2500.0000	5000.0000

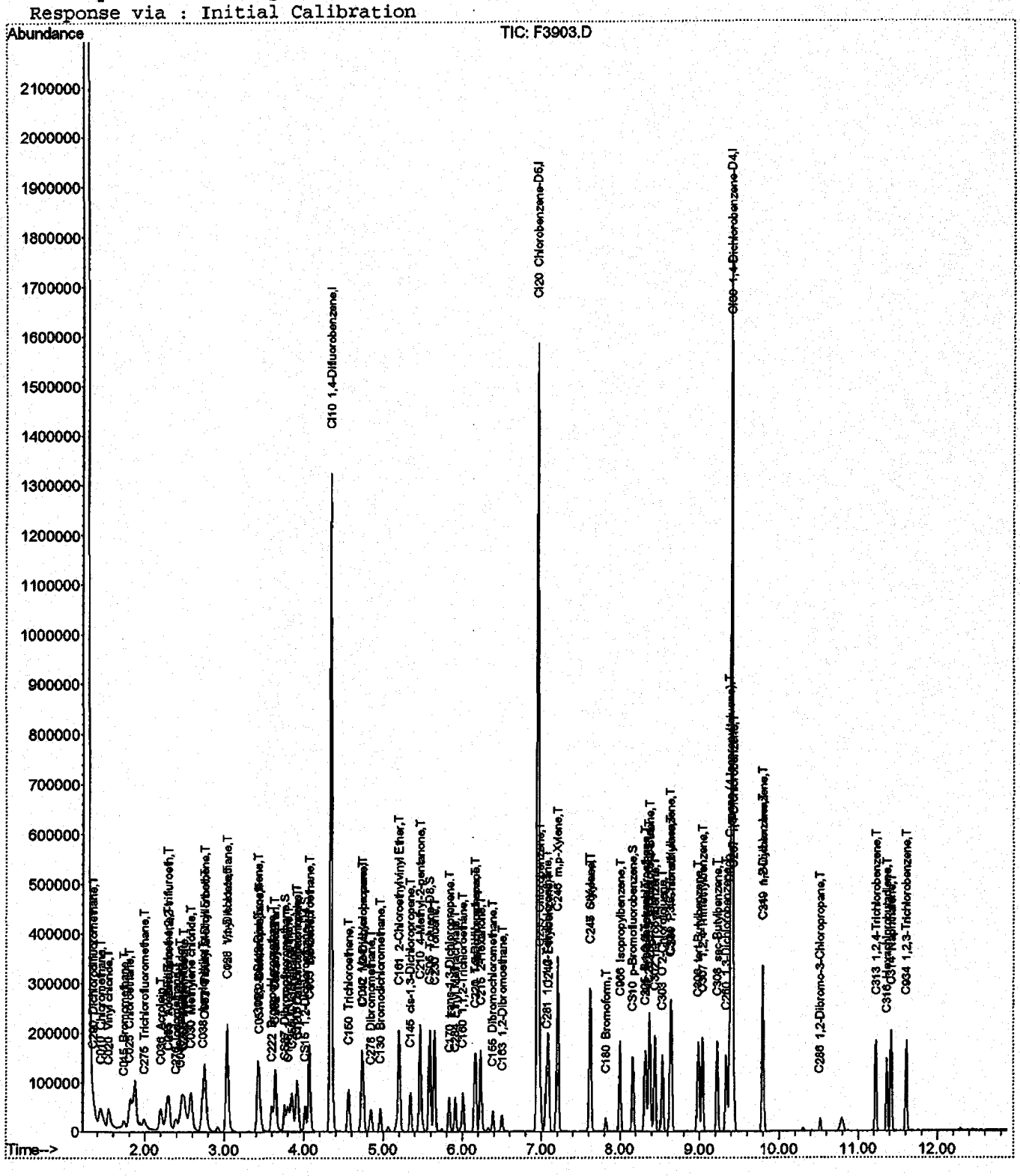
ICC Profile Code: A00168 8260/5ML (30% RSD CCC/15% OTHER/ CCV 20% CCC) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
890	64-17-5	Ethanol	25.0000	100.0000	250.0000	500.0000	1000.0000
900	141-78-6	Ethyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
901	126-98-7	Methacrylonitrile	25.0000	100.0000	250.0000	500.0000	1000.0000
902	79-20-9	Methyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
903	96-37-7	Methyl cyclopentane	25.0000	100.0000	250.0000	500.0000	1000.0000
904	74-88-4	Iodomethane	25.0000	100.0000	250.0000	500.0000	1000.0000
905	80-62-6	Methyl methacrylate	25.0000	100.0000	250.0000	500.0000	1000.0000
906	91-20-3	Naphthalene	25.0000	100.0000	250.0000	500.0000	1000.0000
907	95-47-6	o-Xylene	25.0000	100.0000	250.0000	500.0000	1000.0000
908	76-01-7	Pentachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
909	107-12-0	Propionitrile	250.0000	1000.0000	2500.0000	5000.0000	10000.0000
910	140-88-5	Ethyl acrylate	25.0000	100.0000	250.0000	500.0000	1000.0000
911	75-56-9	Propylene Oxide	125.0000	500.0000	1250.0000	2500.0000	5000.0000
912	110-86-1	Pyridine	25.0000	0.0000	0.0000	0.0000	0.0000
913	109-99-9	Tetrahydrofuran	125.0000	500.0000	1250.0000	2500.0000	5000.0000
914	110-01-0	Tetrahydrothiophene	25.0000	100.0000	250.0000	500.0000	1000.0000
915	75-69-4	Trichlorofluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
917	108-41-8	m-Chlorotoluene	25.0000	100.0000	250.0000	500.0000	1000.0000
918	123-86-4	n-Butyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
919	104-51-8	n-Butylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
920	60-29-7	Ethyl ether	25.0000	100.0000	250.0000	500.0000	1000.0000
921	142-82-5	Heptane	25.0000	100.0000	250.0000	500.0000	1000.0000
922	110-54-3	Hexane	25.0000	100.0000	250.0000	500.0000	1000.0000
923	109-60-4	n-Propyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
924	103-65-1	n-Propylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
925	O,M CLTOL	o,m-Chlorotoluene	25.0000	0.0000	0.0000	0.0000	0.0000
926	106-43-4	p-Chlorotoluene	25.0000	100.0000	250.0000	500.0000	1000.0000
927	135-98-8	sec-Butylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
928	75-65-0	tert-Butyl Alcohol (TBA)	500.0000	2000.0000	5000.0000	10000.0000	20000.0000
929	1634-04-4	Methyl-t-Butyl Ether (MTBE)	25.0000	100.0000	250.0000	500.0000	1000.0000
930	97-63-2	Ethyl methacrylate	25.0000	100.0000	250.0000	500.0000	1000.0000
931	98-06-6	tert-Butylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
933	110-57-6	trans-1,4-Dichloro-2-butene	125.0000	500.0000	1250.0000	2500.0000	5000.0000
934	108-38-3	m-Xylene	25.0000	100.0000	250.0000	500.0000	1000.0000
935	106-42-3	p-Xylene	25.0000	100.0000	250.0000	500.0000	1000.0000
940	87-68-3	Hexachlorobutadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
950	110-19-0	Isobutyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
960	108-20-3	Isopropyl Ether (DIPE)	25.0000	100.0000	250.0000	500.0000	1000.0000
970	108-21-4	Isopropyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
980	98-82-8	Isopropylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
985	67-72-1	Hexachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
990	M/P XYLENE	m/p-Xylenes	50.0000	200.0000	500.0000	1000.0000	2000.0000
991	108-87-2	Methylcyclohexane	25.0000	100.0000	250.0000	500.0000	1000.0000
994	75-45-6	Chlorodifluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
995	542-88-1	Bis(Chloromethyl) Ether (TIC)	25.0000	100.0000	250.0000	500.0000	1000.0000
996	363-72-4	Pentafluorobenzene	250.0000	250.0000	250.0000	250.0000	250.0000
997	SU106-46-7	1,4-Dichlorobenzene-D4	250.0000	250.0000	250.0000	250.0000	250.0000
998	SURRDFM	Dibromofluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
999	SU107-06-2	1,2-Dichloroethane-D4	25.0000	100.0000	250.0000	500.0000	1000.0000
***			25.0000	100.0000	250.0000	500.0000	1000.0000
***	108-70-3	1,3,5-Trichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\081808\F3903.D Vial: 2
Acq On : 18 Aug 2008 22:20 Operator: CDC
Sample : VSTD005 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:18 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3903.D Vial: 2
Acq On : 18 Aug 2008 22:20 Operator: CDC
Sample : VSTD005 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:41 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\081808\F3905.D (18 Aug 2008 23:11)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	1145971	250.00	ng	0.00 102.26%
43) CI20	Chlorobenzene-D5	6.96	82	513644	250.00	ng	0.00 101.38%
63) CI30	1,4-Dichlorobenzene-	9.41	152	523592	250.00	ng	0.00 99.51%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	33178	25.97	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	10.39%#		
32) CS15	1,2-Dichloroethane-D	4.02	65	37049	27.25	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	10.90%#		
44) CS05	Toluene-D8	5.59	98	138989	29.00	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	11.60%#		
62) CS10	p-Bromofluorobenzene	8.17	174	48047	30.06	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	12.02%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.35	85	22521	25.15	ng	93
3) C010	Chloromethane	1.45	50	32165	26.55	ng	94
4) C020	Vinyl chloride	1.55	62	25902	25.53	ng	86
5) C015	Bromomethane	1.74	94	11418	22.82	ng	93
6) C025	Chloroethane	1.80	64	10805	24.19	ng	88
7) C275	Trichlorofluorometha	2.00	101	25902	24.95	ng	84
8) C291	1,1,2-Trichloro-1,2,	2.30	101	17444	24.83	ng	95
9) C045	1,1-Dichloroethene	2.29	96	18239	27.31	ng	93
10) C030	Methylene chloride	2.58	84	42273	32.17	ng	97
11) C040	Carbon disulfide	2.44	76	70735	25.47	ng	94
12) C036	Acrolein	2.20	56	58046	517.69	ng	95
13) C038	Acrylonitrile	2.73	53	53451	122.18	ng	98
14) C035	Acetone	2.30	43	40288	148.58	ng	97
15) C300	Acetonitrile	2.47	41	152678	1038.37	ng	100
16) C276	Iodomethane	2.40	142	38322	24.79	ng	97
17) C255	Methyl Acetate	2.50	43	33798	23.65	ng	94
18) C962	T-butyl Methyl Ether	2.76	73	84575	24.61	ng	91
19) C057	trans-1,2-Dichloroet	2.75	96	29350	25.95	ng	88
20) C050	1,1-Dichloroethane	3.03	63	49301	25.61	ng	93
21) C125	Vinyl Acetate	3.04	43	296288	128.75	ng	98
22) C051	2,2-Dichloropropane	3.45	77	38037	25.05	ng	93
23) C056	cis-1,2-Dichloroethe	3.43	96	32009	25.27	ng	90
24) C272	Tetrahydrofuran	3.64	42	51117	122.84	ng	99
25) C222	Bromochloromethane	3.60	128	16487	24.87	ng	96
26) C060	Chloroform	3.65	83	48387	25.45	ng	98
28) C256	Cyclohexane	3.85	56	48492	25.42	ng	# 100
29) C115	1,1,1-Trichloroethan	3.80	97	40455	25.06	ng	92
30) C120	Carbon tetrachloride	3.93	117	32112	23.35	ng	95
31) C116	1,1-Dichloropropene	3.91	75	36408	25.30	ng	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3903.D Vial: 2
Acq On : 18 Aug 2008 22:20 Operator: CDC
Sample : VSTD005 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:41 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA

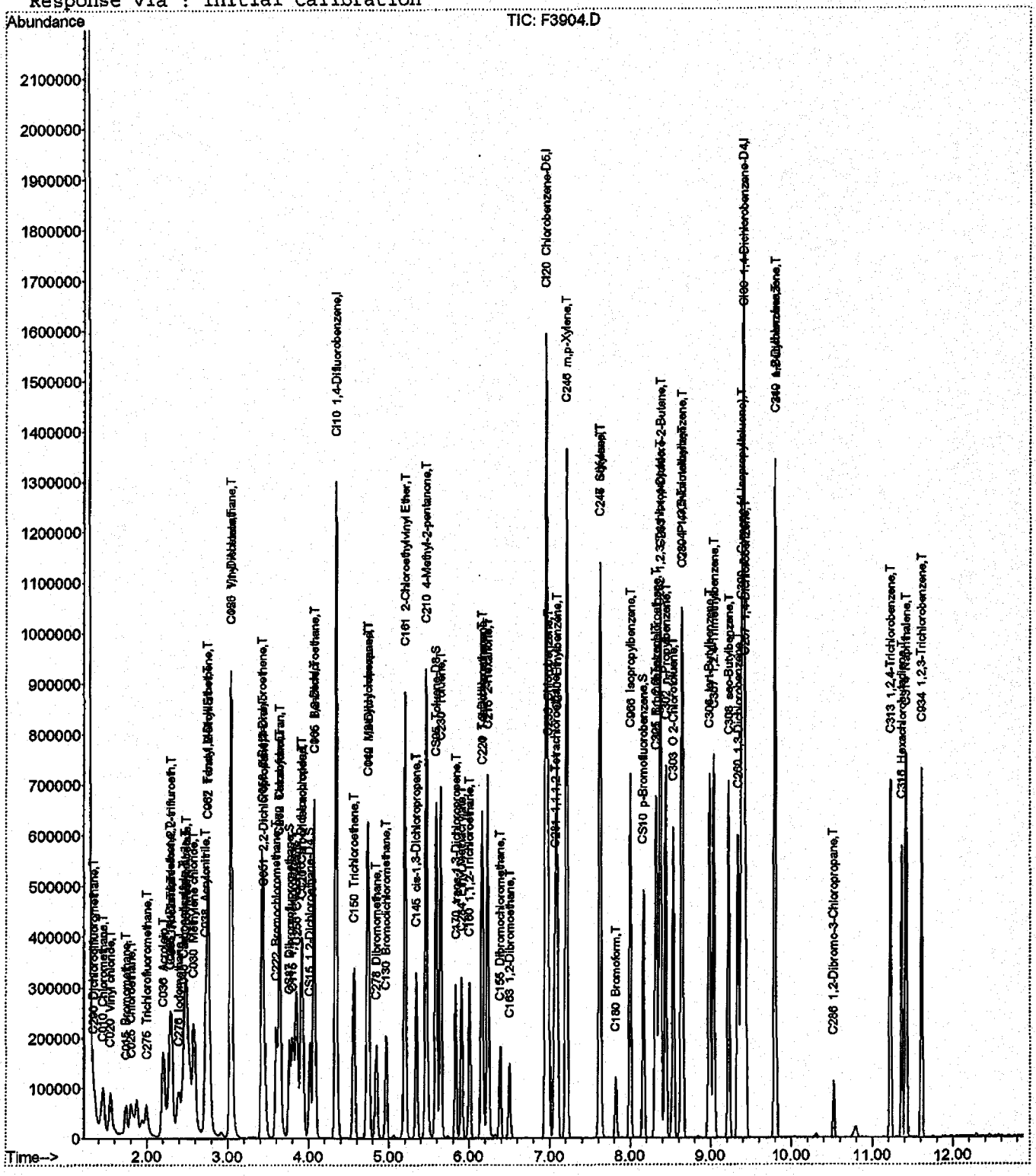
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	118587	26.28	ng		97
34)	C065	1,2-Dichloroethane	4.07	62	38127	25.90	ng		90
35)	C110	2-Butanone	3.42	43	77727	125.95	ng		89
36)	C150	Trichloroethene	4.56	95	28884	25.20	ng		93
37)	C161	2-Chloroethylvinyl E	5.20	63	85437	119.97	ng	#	89
38)	C012	Methylcyclohexane	4.73	83	47793	25.39	ng		80
39)	C140	1,2-Dichloropropane	4.75	63	29697	25.28	ng		100
40)	C278	Dibromomethane	4.84	93	17399	24.78	ng		92
41)	C130	Bromodichloromethane	4.97	83	32973	23.59	ng		97
42)	C145	cis-1,3-Dichloroprop	5.34	75	42703	23.16	ng		92
45)	C230	Toluene	5.65	92	92238	29.72	ng		92
46)	C170	trans-1,3-Dichloropr	5.84	75	38911	23.16	ng		99
47)	C284	Ethyl Methacrylate	5.91	69	36797	23.12	ng		92
48)	C160	1,1,2-Trichloroethan	6.01	83	21081	25.38	ng		89
49)	C210	4-Methyl-2-pentanone	5.46	43	159399	125.92	ng		96
50)	C220	Tetrachloroethene	6.16	166	30434	25.67	ng		91
51)	C221	1,3-Dichloropropane	6.16	76	44700	25.46	ng		97
52)	C155	Dibromochloromethane	6.38	129	24434	21.96	ng		72
53)	C163	1,2-Dibromoethane	6.50	107	25960	24.51	ng		99
54)	C215	2-Hexanone	6.23	43	112323	123.25	ng		97
55)	C235	Chlorobenzene	6.99	112	88583	26.30	ng		93
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	25470	22.85	ng		98
57)	C240	Ethylbenzene	7.09	91	147214	27.19	ng		95
58)	C246	m,p-Xylene	7.20	106	111344	53.12	ng		100
59)	C247	o-Xylene	7.61	106	53636	25.48	ng	#	80
60)	C245	Styrene	7.62	104	89968	25.47	ng		99
61)	C180	Bromoform	7.82	173	13259	19.64	ng		74
64)	C966	Isopropylbenzene	8.00	105	132002	25.70	ng		94
65)	C301	Bromobenzene	8.32	156	36312	25.47	ng		88
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	31810	24.54	ng		88
67)	C282	1,2,3-Trichloropropa	8.36	110	10124	24.41	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	46831	120.27	ng	#	73
69)	C302	n-Propylbenzene	8.44	91	159745	26.12	ng		99
70)	C303	O 2-Chlorotoluene	8.53	126	34595	25.73	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	34755	25.38	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	113408	25.69	ng		80
73)	C306	tert-Butylbenzene	8.99	134	25230	25.00	ng		87
74)	C307	1,2,4-Trimethylbenze	9.04	105	115884	25.55	ng		92
75)	C308	sec-Butylbenzene	9.22	105	136160	25.60	ng		92
76)	C260	1,3-Dichlorobenzene	9.34	146	70667	25.98	ng		95
77)	C309	p-Cymene (4-Isopropy	9.38	119	128186	25.46	ng		98
78)	C267	1,4-Dichlorobenzene	9.43	146	76372	27.32	ng		93
79)	C249	1,2-Dichlorobenzene	9.80	146	69065	26.28	ng		100
80)	C310	n-Butylbenzene	9.79	91	116058	26.28	ng		98
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	5837	22.61	ng		98
82)	C313	1,2,4-Trichlorobenze	11.23	180	51173	26.30	ng		98
83)	C316	Hexachlorobutadiene	11.37	225	24699	26.19	ng		91
84)	C314	Naphthalene	11.42	128	145443	27.79	ng		97
85)	C934	1,2,3-Trichlorobenze	11.61	180	47820	25.91	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\081808\F3904.D Vial: 3
Acq On : 18 Aug 2008 22:46 Operator: CDC
Sample : VSTD020 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:18 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3904.D Vial: 3
Acq On : 18 Aug 2008 22:46 Operator: CDC
Sample : VSTD020 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:46 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\081808\F3905.D (18 Aug 2008 23:11)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	1115067	250.00	ng		0.00 99.51%
43) CI20	Chlorobenzene-D5	6.96	82	506050	250.00	ng		0.00 99.88%
63) CI30	1,4-Dichlorobenzene-	9.41	152	521348	250.00	ng		0.00 99.09%
System Monitoring Compounds								
27) CS87	Dibromofluoromethane	3.76	111	124142	99.86	ng		0.00
Spiked Amount	250.000	Range	70 - 130		Recovery =		39.94%#	
32) CS15	1,2-Dichloroethane-D	4.02	65	136615	103.28	ng		0.00
Spiked Amount	250.000	Range	64 - 126		Recovery =		41.31%#	
44) CS05	Toluene-D8	5.59	98	462383	97.93	ng		0.00
Spiked Amount	250.000	Range	71 - 125		Recovery =		39.17%#	
62) CS10	p-Bromofluorobenzene	8.17	174	153042	97.20	ng		0.00
Spiked Amount	250.000	Range	72 - 126		Recovery =		38.88%#	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	90150	103.47	ng		96
3) C010	Chloromethane	1.46	50	119675	101.51	ng		100
4) C020	Vinyl chloride	1.55	62	100510	101.79	ng		95
5) C015	Bromomethane	1.74	94	47496	97.54	ng		91
6) C025	Chloroethane	1.80	64	45217	104.02	ng		99
7) C275	Trichlorofluorometha	2.00	101	99791	98.79	ng		87
8) C291	1,1,2-Trichloro-1,2,	2.30	101	69004	100.96	ng		98
9) C045	1,1-Dichloroethene	2.28	96	64144	98.70	ng		91
10) C030	Methylene chloride	2.58	84	129118	100.99	ng		93
11) C040	Carbon disulfide	2.45	76	275118	101.81	ng		96
12) C036	Acrolein	2.20	56	237912	2180.64	ng		96
13) C038	Acrylonitrile	2.72	53	228096	535.85	ng		100
14) C035	Acetone	2.29	43	139714	529.55	ng		95
15) C300	Acetonitrile	2.47	41	621341	4342.89	ng		100
16) C276	Iodomethane	2.39	142	155725	103.54	ng		97
17) C255	Methyl Acetate	2.50	43	152957	109.98	ng	#	90
18) C962	T-butyl Methyl Ether	2.76	73	353792	105.79	ng		94
19) C057	trans-1,2-Dichloroet	2.76	96	112603	102.32	ng	#	82
20) C050	1,1-Dichloroethane	3.03	63	195632	104.44	ng		99
21) C125	Vinyl Acetate	3.04	43	1238655	553.18	ng		97
22) C051	2,2-Dichloropropane	3.45	77	151547	102.57	ng		99
23) C056	cis-1,2-Dichloroethe	3.43	96	127573	103.49	ng		91
24) C272	Tetrahydrofuran	3.63	42	219776	542.80	ng		98
25) C222	Bromochloromethane	3.60	128	66888	103.68	ng		90
26) C060	Chloroform	3.65	83	192020	103.82	ng		100
28) C256	Cyclohexane	3.85	56	187475	101.01	ng	#	100
29) C115	1,1,1-Trichloroethan	3.80	97	156332	99.52	ng		95
30) C120	Carbon tetrachloride	3.93	117	129205	96.55	ng		97
31) C116	1,1-Dichloropropene	3.91	75	143492	102.47	ng		88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3904.D Vial: 3
Acq On : 18 Aug 2008 22:46 Operator: CDC
Sample : VSTD020 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:46 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA

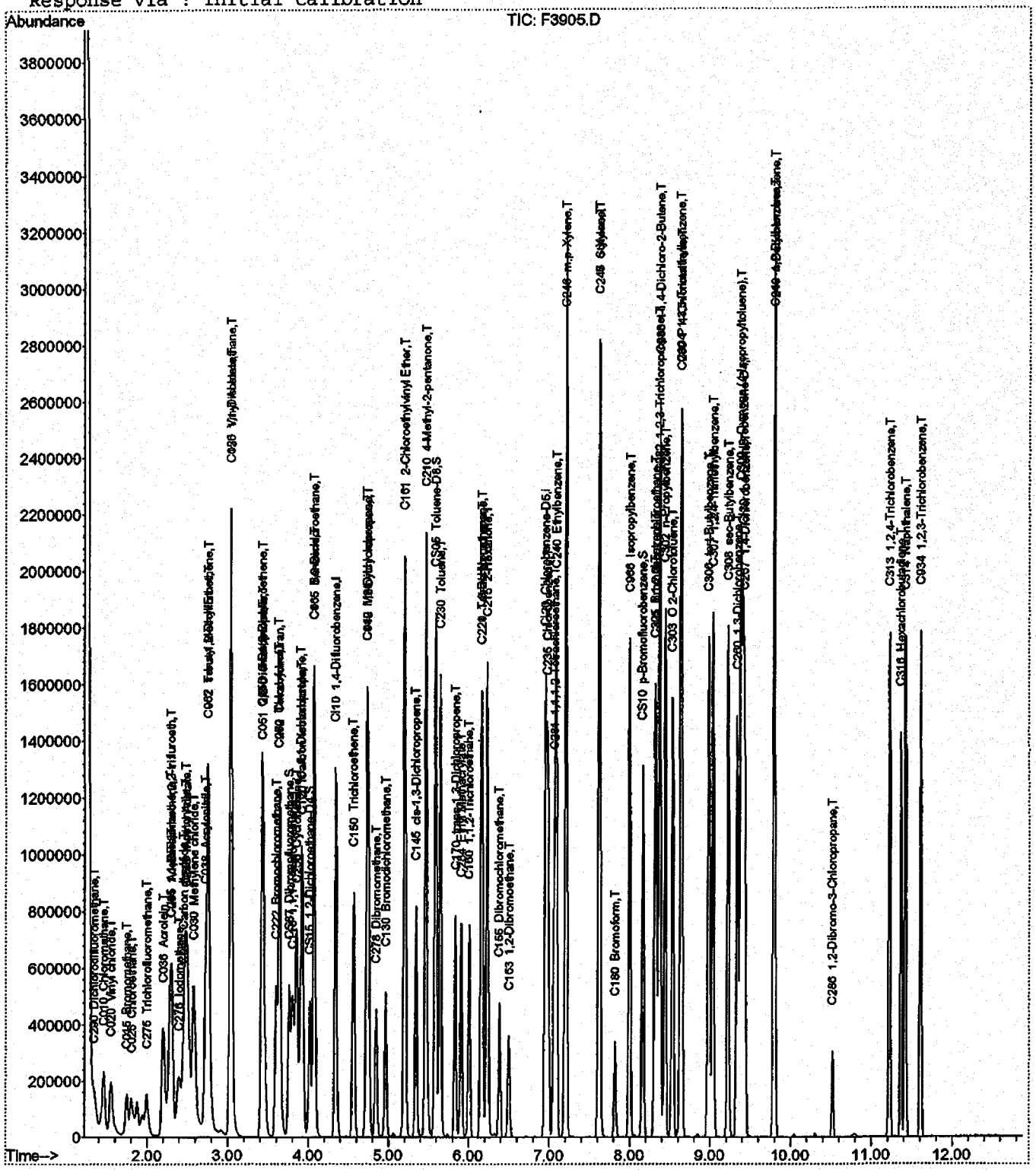
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	457299	104.14	ng		97
34)	C065	1,2-Dichloroethane	4.07	62	150245	104.88	ng		87
35)	C110	2-Butanone	3.42	43	323517	538.77	ng		93
36)	C150	Trichloroethene	4.56	95	113177	101.48	ng		89
37)	C161	2-Chloroethylvinyl E	5.20	63	379901	548.24	ng		81
38)	C012	Methylcyclohexane	4.73	83	183248	100.03	ng		83
39)	C140	1,2-Dichloropropane	4.74	63	120325	105.25	ng		100
40)	C278	Dibromomethane	4.84	93	71614	104.81	ng		99
41)	C130	Bromodichloromethane	4.97	83	137247	100.90	ng		96
42)	C145	cis-1,3-Dichloroprop	5.34	75	185175	103.20	ng		95
45)	C230	Toluene	5.65	92	309373	101.19	ng		94
46)	C170	trans-1,3-Dichloropr	5.84	75	168807	101.99	ng		92
47)	C284	Ethyl Methacrylate	5.91	69	163384	104.18	ng		92
48)	C160	1,1,2-Trichloroethan	6.01	83	85452	104.44	ng		96
49)	C210	4-Methyl-2-pentanone	5.46	43	693147	555.79	ng		96
50)	C220	Tetrachloroethene	6.16	166	117981	101.01	ng		92
51)	C221	1,3-Dichloropropane	6.16	76	181667	105.02	ng		95
52)	C155	Dibromochloromethane	6.39	129	106912	97.55	ng		81
53)	C163	1,2-Dibromoethane	6.51	107	108814	104.27	ng		95
54)	C215	2-Hexanone	6.23	43	497535	554.11	ng		95
55)	C235	Chlorobenzene	6.99	112	340720	102.67	ng		92
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	112492	102.44	ng		96
57)	C240	Ethylbenzene	7.09	91	553621	103.80	ng		96
58)	C246	m,p-Xylene	7.20	106	430130	208.27	ng		97
59)	C247	o-Xylene	7.62	106	214517	103.45	ng	#	78
60)	C245	Styrene	7.62	104	363130	104.33	ng		99
61)	C180	Bromoform	7.82	173	62638	94.15	ng		86
64)	C966	Isopropylbenzene	8.00	105	521399	101.95	ng		91
65)	C301	Bromobenzene	8.32	156	146142	102.96	ng		94
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	134229	103.98	ng		96
67)	C282	1,2,3-Trichloropropa	8.36	110	43777	106.00	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	208450	537.62	ng		74
69)	C302	n-Propylbenzene	8.44	91	629884	103.44	ng		100
70)	C303	O 2-Chlorotoluene	8.53	126	136974	102.31	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	142139	104.26	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	456131	103.76	ng		85
73)	C306	tert-Butylbenzene	8.98	134	101680	101.20	ng		90
74)	C307	1,2,4-Trimethylbenze	9.04	105	466323	103.24	ng		93
75)	C308	sec-Butylbenzene	9.22	105	537108	101.41	ng		94
76)	C260	1,3-Dichlorobenzene	9.34	146	279888	103.34	ng		97
77)	C309	p-Cymene (4-Isopropy	9.38	119	513075	102.35	ng		95
78)	C267	1,4-Dichlorobenzene	9.43	146	287340	103.25	ng		96
79)	C249	1,2-Dichlorobenzene	9.80	146	273829	104.63	ng		97
80)	C310	n-Butylbenzene	9.79	91	451696	102.74	ng		98
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	25317	98.48	ng		96
82)	C313	1,2,4-Trichlorobenze	11.23	180	197890	102.15	ng		100
83)	C316	Hexachlorobutadiene	11.37	225	94262	100.37	ng		97
84)	C314	Naphthalene	11.42	128	544387	104.45	ng		97
85)	C934	1,2,3-Trichlorobenze	11.61	180	190000	103.39	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\081808\F3905.D Vial: 4
Acq On : 18 Aug 2008 23:11 Operator: CDC
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:18 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3905.D Vial: 4
Acq On : 18 Aug 2008 23:11 Operator: CDC
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:51 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\081808\F3905.D (18 Aug 2008 23:11)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	1120588	250.00	ng	0.00 100.00%
43) CI20	Chlorobenzene-D5	6.96	82	506674	250.00	ng	0.00 100.00%
63) CI30	1,4-Dichlorobenzene-	9.41	152	526147	250.00	ng	0.00 100.00%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	337709	270.31	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	108.12%		
32) CS15	1,2-Dichloroethane-D	4.02	65	340956	256.48	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	102.59%		
44) CS05	Toluene-D8	5.59	98	1292226	273.35	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	109.34%		
62) CS10	p-Bromofluorobenzene	8.16	174	418128	265.22	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	106.09%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.35	85	221020	252.42	ng	95
3) C010	Chloromethane	1.46	50	291512	246.05	ng	97
4) C020	Vinyl chloride	1.55	62	245216	247.12	ng	97
5) C015	Bromomethane	1.75	94	124976	255.38	ng	86
6) C025	Chloroethane	1.80	64	106189	243.08	ng	98
7) C275	Trichlorofluorometha	2.00	101	252185	248.43	ng	91
8) C291	1,1,2-Trichloro-1,2,	2.30	101	174932	254.69	ng	99
9) C045	1,1-Dichloroethene	2.29	96	161732	247.64	ng	98
10) C030	Methylene chloride	2.58	84	302250	235.24	ng	96
11) C040	Carbon disulfide	2.45	76	674916	248.53	ng	98
12) C036	Acrolein	2.20	56	537465	4901.99	ng	97
13) C038	Acrylonitrile	2.72	53	539050	1260.12	ng	99
14) C035	Acetone	2.30	43	309657	1167.90	ng	97
15) C300	Acetonitrile	2.47	41	1417197	9856.75	ng	100
16) C276	Iodomethane	2.40	142	372677	246.58	ng	97
17) C255	Methyl Acetate	2.50	43	351002	251.13	ng	93
18) C962	T-butyl Methyl Ether	2.76	73	848589	252.49	ng	94
19) C057	trans-1,2-Dichloroet	2.76	96	278039	251.41	ng	84
20) C050	1,1-Dichloroethane	3.03	63	480170	255.09	ng	97
21) C125	Vinyl Acetate	3.04	43	2929113	1301.70	ng	97
22) C051	2,2-Dichloropropane	3.44	77	374885	252.49	ng	89
23) C056	cis-1,2-Dichloroethe	3.43	96	312254	252.07	ng	92
24) C272	Tetrahydrofuran	3.63	42	508626	1250.01	ng	99
25) C222	Bromochloromethane	3.60	128	165219	254.84	ng	93
26) C060	Chloroform	3.65	83	472771	254.34	ng	98
28) C256	Cyclohexane	3.85	56	468920	251.40	ng	# 100
29) C115	1,1,1-Trichloroethan	3.80	97	398224	252.25	ng	96
30) C120	Carbon tetrachloride	3.93	117	347229	258.20	ng	92
31) C116	1,1-Dichloropropene	3.91	75	357832	254.27	ng	85

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3905.D Vial: 4
Acq On : 18 Aug 2008 23:11 Operator: CDC
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:51 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA

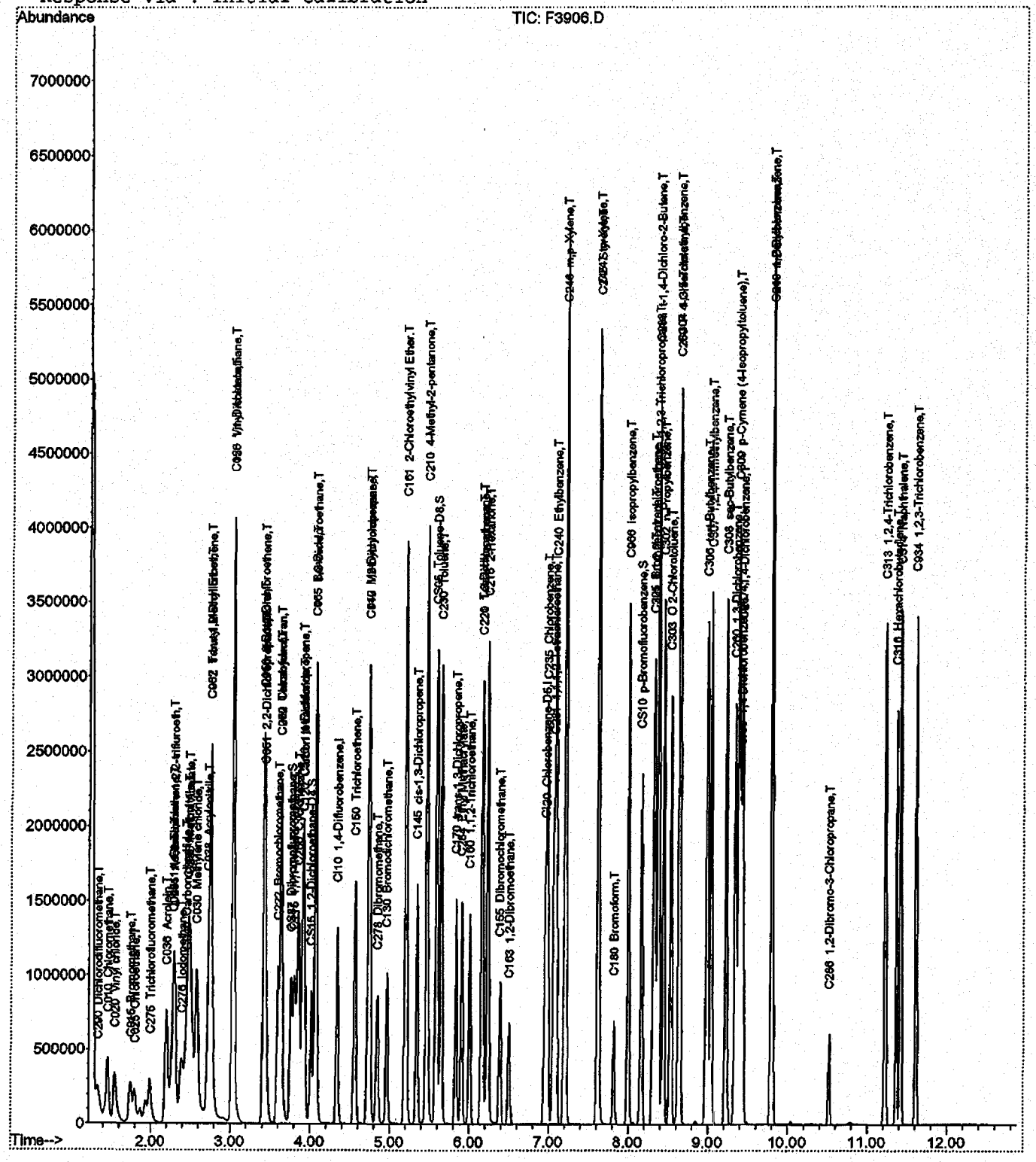
	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C165	Benzene	4.07	78	1111421	251.85 ng		97
34)	C065	1,2-Dichloroethane	4.07	62	365783	254.09 ng		88
35)	C110	2-Butanone	3.42	43	751297	1245.01 ng		94
36)	C150	Trichloroethene	4.56	95	278962	248.90 ng		88
37)	C161	2-Chloroethylvinyl E	5.20	63	889663	1277.55 ng	#	80
38)	C012	Methylcyclohexane	4.73	83	464760	252.46 ng		82
39)	C140	1,2-Dichloropropane	4.74	63	288748	251.33 ng		100
40)	C278	Dibromomethane	4.84	93	173407	252.54 ng		98
41)	C130	Bromodichloromethane	4.97	83	348252	254.76 ng		99
42)	C145	cis-1,3-Dichloroprop	5.34	75	463025	256.77 ng		93
45)	C230	Toluene	5.65	92	750916	245.30 ng		95
46)	C170	trans-1,3-Dichloropr	5.84	75	427676	258.08 ng		97
47)	C284	Ethyl Methacrylate	5.91	69	405016	257.94 ng		91
48)	C160	1,1,2-Trichloroethan	6.01	83	206653	252.26 ng		96
49)	C210	4-Methyl-2-pentanone	5.46	43	1582906	1267.68 ng		96
50)	C220	Tetrachloroethene	6.16	166	299217	255.87 ng		91
51)	C221	1,3-Dichloropropane	6.16	76	440637	254.42 ng		95
52)	C155	Dibromochloromethane	6.38	129	284074	258.88 ng		86
53)	C163	1,2-Dibromoethane	6.51	107	263261	251.95 ng		91
54)	C215	2-Hexanone	6.23	43	1131379	1258.47 ng		95
55)	C235	Chlorobenzene	6.99	112	835655	251.49 ng		92
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	283375	257.73 ng		97
57)	C240	Ethylbenzene	7.09	91	1351000	253.00 ng		97
58)	C246	m,p-Xylene	7.20	106	1054121	509.78 ng		99
59)	C247	o-Xylene	7.61	106	529833	255.20 ng	#	80
60)	C245	Styrene	7.62	104	891719	255.89 ng		99
61)	C180	Bromoform	7.82	173	174431	261.87 ng		83
64)	C966	Isopropylbenzene	8.00	105	1295082	250.92 ng		91
65)	C301	Bromobenzene	8.32	156	356839	249.10 ng		90
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	328095	251.85 ng		92
67)	C282	1,2,3-Trichloropropa	8.36	110	106617	255.80 ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	492464	1258.55 ng	#	72
69)	C302	n-Propylbenzene	8.44	91	1558608	253.61 ng		99
70)	C303	O 2-Chlorotoluene	8.53	126	337442	249.76 ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	346617	251.93 ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	1121670	252.83 ng		85
73)	C306	tert-Butylbenzene	8.99	134	254760	251.24 ng		90
74)	C307	1,2,4-Trimethylbenze	9.04	105	1153931	253.13 ng		94
75)	C308	sec-Butylbenzene	9.22	105	1361231	254.67 ng		95
76)	C260	1,3-Dichlorobenzene	9.34	146	682877	249.84 ng		96
77)	C309	p-Cymene (4-Isopropy	9.38	119	1285623	254.13 ng		96
78)	C267	1,4-Dichlorobenzene	9.43	146	693608	246.95 ng		96
79)	C249	1,2-Dichlorobenzene	9.80	146	659843	249.84 ng		99
80)	C310	n-Butylbenzene	9.79	91	1135954	256.01 ng		96
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	63675	245.42 ng		97
82)	C313	1,2,4-Trichlorobenze	11.23	180	484651	247.90 ng		99
83)	C316	Hexachlorobutadiene	11.37	225	240580	253.84 ng		98
84)	C314	Naphthalene	11.42	128	1289629	245.19 ng		95
85)	C934	1,2,3-Trichlorobenze	11.61	180	465796	251.14 ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\081808\F3906.D Vial: 5
Acq On : 18 Aug 2008 23:37 Operator: CDC
Sample : VSTD100 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:19 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3906.D Vial: 5
Acq On : 18 Aug 2008 23:37 Operator: CDC
Sample : VSTD100 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:57 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\081808\F3905.D (18 Aug 2008 23:11)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	1137073	250.00	ng	0.00 101.47%
43) CI20	Chlorobenzene-D5	6.96	82	512579	250.00	ng	0.00 101.17%
63) CI30	1,4-Dichlorobenzene-	9.41	152	524617	250.00	ng	0.00 99.71%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	611591	482.43	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	192.97%#		
32) CS15	1,2-Dichloroethane-D	4.01	65	635434	471.07	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	188.43%#		
44) CS05	Toluene-D8	5.59	98	2240601	468.50	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	187.40%#		
62) CS10	p-Bromofluorobenzene	8.17	174	732411	459.23	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	183.69%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.33	85	432927	487.26	ng	100
3) C010	Chloromethane	1.46	50	578678	481.34	ng	96
4) C020	Vinyl chloride	1.55	62	495552	492.17	ng	99
5) C015	Bromomethane	1.74	94	251838	507.16	ng	86
6) C025	Chloroethane	1.80	64	219193	494.48	ng	96
7) C275	Trichlorofluorometha	1.99	101	514355m	499.36	ng	90
8) C291	1,1,2-Trichloro-1,2,	2.30	101	336780	483.22	ng	100
9) C045	1,1-Dichloroethene	2.28	96	309446	466.94	ng	95
10) C030	Methylene chloride	2.58	84	567562	435.33	ng	94
11) C040	Carbon disulfide	2.44	76	1335647	484.70	ng	98
12) C036	Acrolein	2.20	56	1065384	9576.05	ng	98
13) C038	Acrylonitrile	2.71	53	1047067	2412.20	ng	99
14) C035	Acetone	2.29	43	594493	2209.68	ng	94
15) C300	Acetonitrile	2.47	41	2702243	18521.90	ng	100
16) C276	Iodomethane	2.39	142	756425	493.23	ng	97
17) C255	Methyl Acetate	2.49	43	686090	483.77	ng	93
18) C962	T-butyl Methyl Ether	2.75	73	1655579	485.47	ng	94
19) C057	trans-1,2-Dichloroet	2.75	96	535856	477.50	ng	83
20) C050	1,1-Dichloroethane	3.03	63	913852	478.45	ng	97
21) C125	Vinyl Acetate	3.04	43	5495396	2406.75	ng	96
22) C051	2,2-Dichloropropane	3.44	77	734254	487.36	ng	92
23) C056	cis-1,2-Dichloroethe	3.43	96	606311	482.35	ng	90
24) C272	Tetrahydrofuran	3.63	42	997319	2415.49	ng	98
25) C222	Bromochloromethane	3.60	128	314316	477.79	ng	91
26) C060	Chloroform	3.64	83	901278	477.84	ng	99
28) C256	Cyclohexane	3.85	56	931710	492.27	ng	# 100
29) C115	1,1,1-Trichloroethan	3.80	97	786451	490.95	ng	96
30) C120	Carbon tetrachloride	3.93	117	688829	504.79	ng	95
31) C116	1,1-Dichloropropene	3.91	75	692884	485.22	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3906.D Vial: 5
Acq On : 18 Aug 2008 23:37 Operator: CDC
Sample : VSTD100 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:18:57 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA

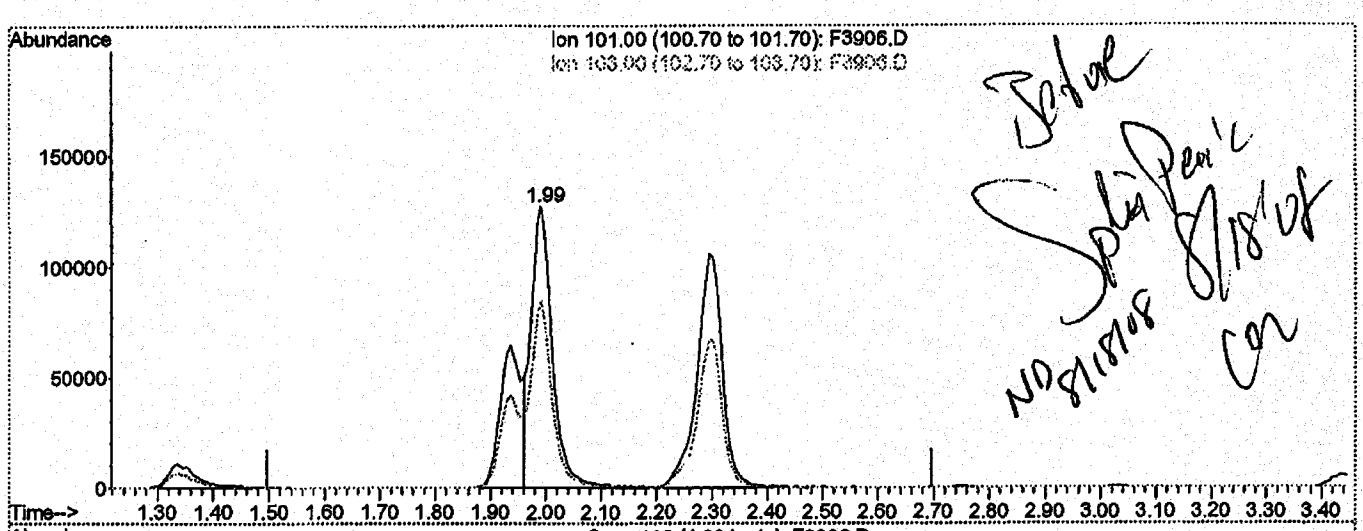
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	2141888	478.32	ng		98
34)	C065	1,2-Dichloroethane	4.07	62	694659	475.55	ng		89
35)	C110	2-Butanone	3.41	43	1477245	2412.52	ng		93
36)	C150	Trichloroethene	4.56	95	546612	480.63	ng		89
37)	C161	2-Chloroethylvinyl E	5.20	63	1731652	2450.59	ng	#	79
38)	C012	Methylcyclohexane	4.73	83	923120	494.18	ng		84
39)	C140	1,2-Dichloropropane	4.74	63	558875	479.40	ng		100
40)	C278	Dibromomethane	4.84	93	335160	481.03	ng		97
41)	C130	Bromodichloromethane	4.96	83	686835	495.17	ng		98
42)	C145	cis-1,3-Dichloroprop	5.34	75	909861	497.25	ng		93
45)	C230	Toluene	5.65	92	1415083	456.94	ng		93
46)	C170	trans-1,3-Dichloropr	5.83	75	840922	501.60	ng		96
47)	C284	Ethyl Methacrylate	5.90	69	793830	499.74	ng		91
48)	C160	1,1,2-Trichloroethan	6.01	83	398632	481.00	ng		97
49)	C210	4-Methyl-2-pentanone	5.46	43	3054392	2417.94	ng		95
50)	C220	Tetrachloroethene	6.16	166	574055	485.24	ng		91
51)	C221	1,3-Dichloropropane	6.16	76	842694	480.96	ng		98
52)	C155	Dibromochloromethane	6.39	129	574643	517.64	ng		83
53)	C163	1,2-Dibromoethane	6.50	107	516410	488.54	ng		93
54)	C215	2-Hexanone	6.23	43	2218800	2439.62	ng		94
55)	C235	Chlorobenzene	6.99	112	1615852	480.69	ng		92
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	560034	503.48	ng		99
57)	C240	Ethylbenzene	7.09	91	2566212	475.03	ng		95
58)	C246	m,p-Xylene	7.20	106	1998467	955.34	ng		98
59)	C247	o-Xylene	7.61	106	1016280	483.87	ng	#	79
60)	C245	Styrene	7.63	104	1710005	485.05	ng		94
61)	C180	Bromoform	7.82	173	361954	537.13	ng		84
64)	C966	Isopropylbenzene	8.00	105	2509889	487.71	ng		92
65)	C301	Bromobenzene	8.32	156	690085	483.13	ng		89
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	631703	486.31	ng		93
67)	C282	1,2,3-Trichloropropa	8.36	110	200718	482.98	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	967084	2478.70	ng	#	71
69)	C302	n-Propylbenzene	8.44	91	2952514	481.83	ng		98
70)	C303	O 2-Chlorotoluene	8.53	126	648192	481.16	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	659040	480.40	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	2148874	485.78	ng		86
73)	C306	tert-Butylbenzene	8.99	134	497135	491.69	ng		92
74)	C307	1,2,4-Trimethylbenze	9.04	105	2199319	483.87	ng		95
75)	C308	sec-Butylbenzene	9.22	105	2602847	488.38	ng		95
76)	C260	1,3-Dichlorobenzene	9.34	146	1302425	477.90	ng		97
77)	C309	p-Cymene (4-Isopropy	9.38	119	2471651	490.00	ng		96
78)	C267	1,4-Dichlorobenzene	9.43	146	1319187	471.05	ng		97
79)	C249	1,2-Dichlorobenzene	9.80	146	1254190	476.26	ng		98
80)	C310	n-Butylbenzene	9.79	91	2130236	481.49	ng		94
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	131693	509.06	ng		96
82)	C313	1,2,4-Trichlorobenze	11.23	180	927224	475.66	ng		98
83)	C316	Hexachlorobutadiene	11.37	225	455677	482.20	ng		95
84)	C314	Naphthalene	11.42	128	2452787	467.69	ng		97
85)	C934	1,2,3-Trichlorobenze	11.61	180	887292	479.80	ng		99

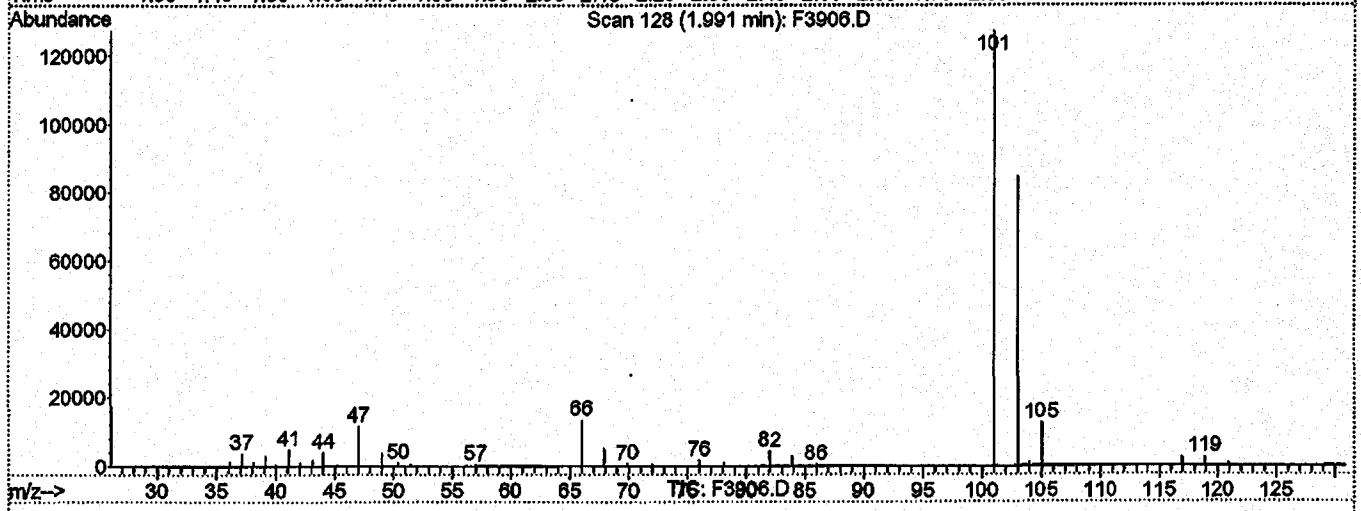
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\081808\F3906.D Vial: 5
Acq On : 18 Aug 2008 23:37 Operator: CDC
Sample : VSTD100 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:18 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Multiple Level Calibration





T76: F3906.D

(7) C275 Trichlorofluoromethane (T)

1.99min 328.60ng

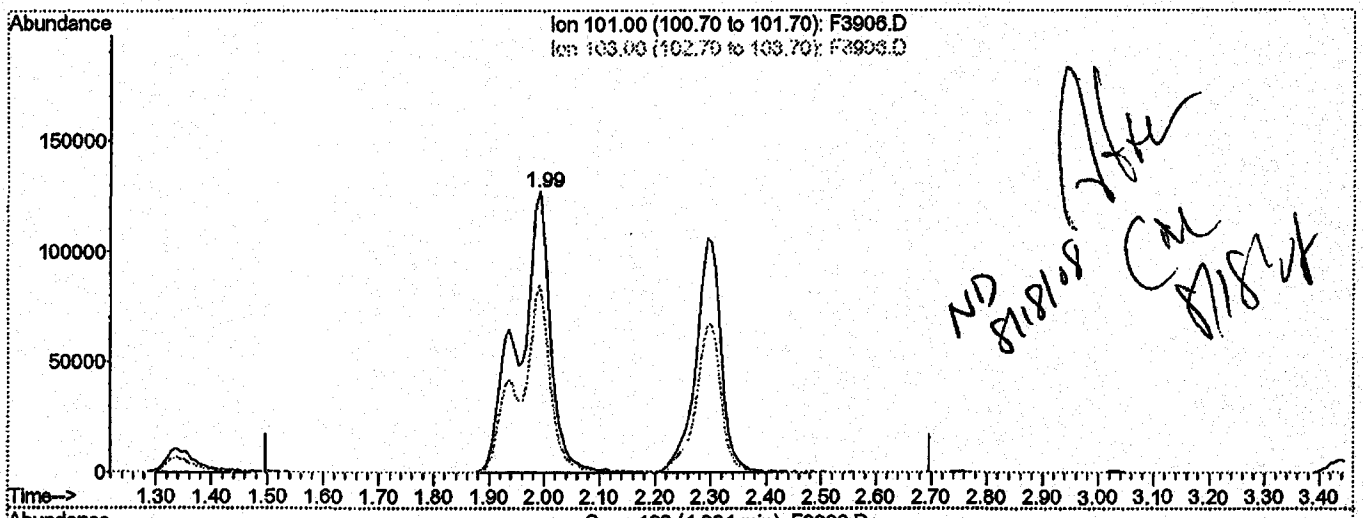
response 338470

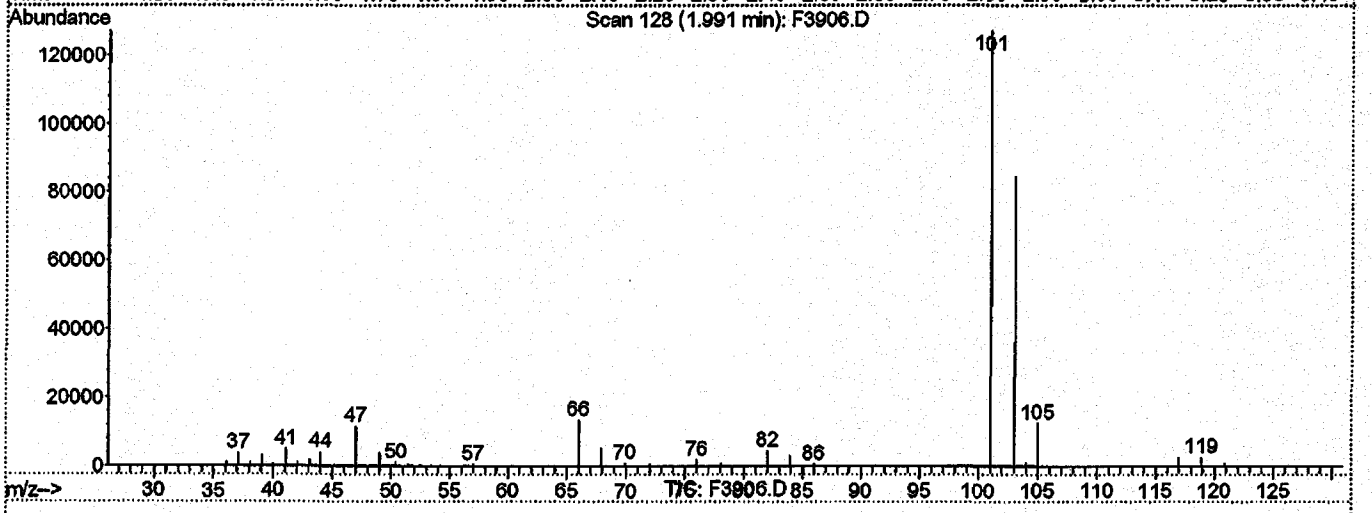
Ion	Exp%	Act%
101.00	100	100
103.00	58.90	66.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\081808\F3906.D Vial: 5
Acq On : 18 Aug 2008 23:37 Operator: CDC
Sample : VSTD100 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:19 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

1.99min 499.36ng m

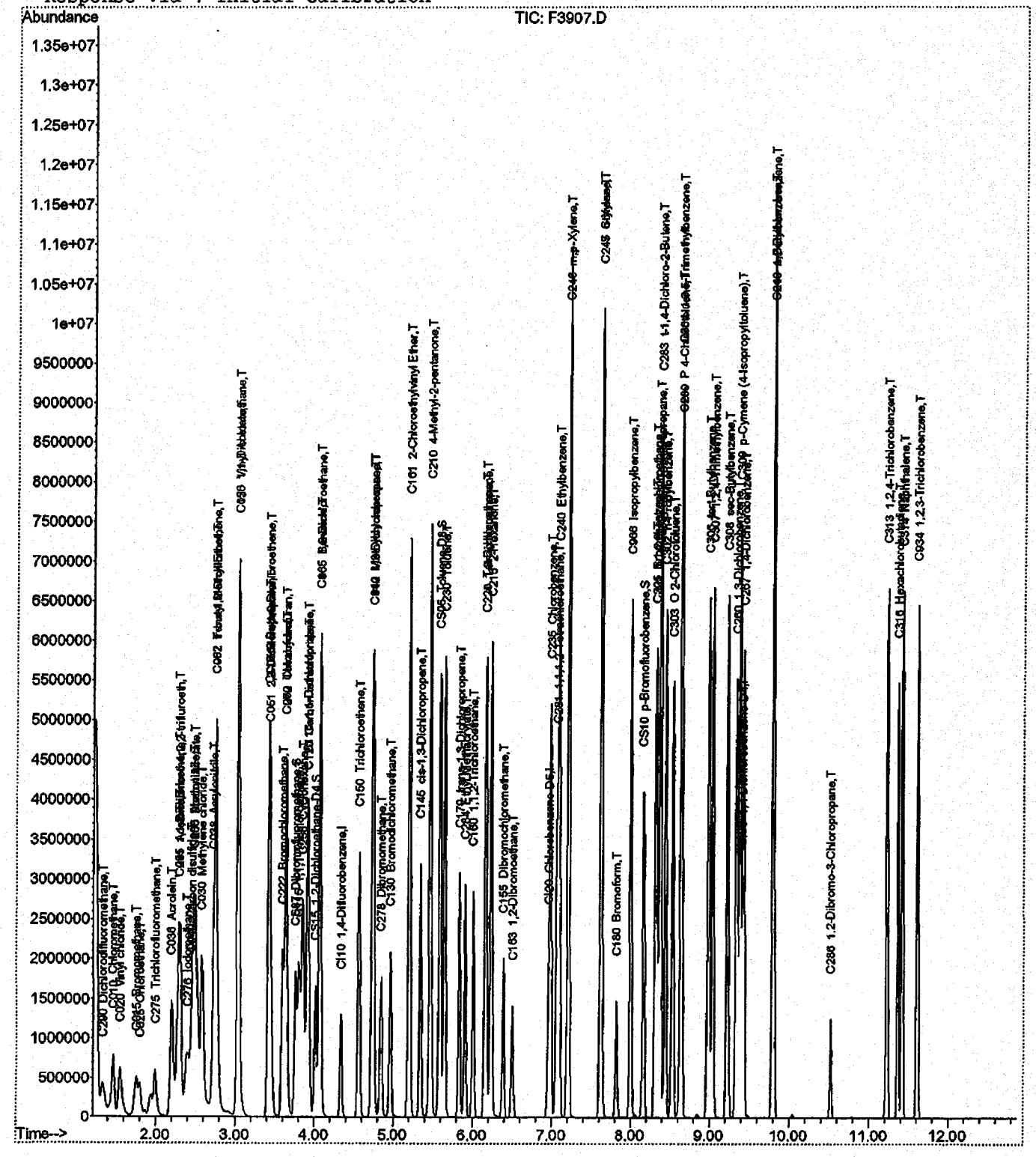
response 514355

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	66.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\081808\F3907.D Vial: 6
Acq On : 19 Aug 2008 00:02 Operator: CDC
Sample : VSTD200 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 0:18 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3907.D Vial: 6
Acq On : 19 Aug 2008 00:02 Operator: CDC
Sample : VSTD200 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:19:02 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\081808\F3905.D (18 Aug 2008 23:11)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	1103979	250.00	ng	0.00 98.52%
43) CI20	Chlorobenzene-D5	6.96	82	505598	250.00	ng	0.00 99.79%
63) CI30	1,4-Dichlorobenzene-	9.41	152	503304	250.00	ng	0.00 95.66%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	1128233	916.64	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	366.66%#	
32) CS15	1,2-Dichloroethane-D	4.02	65	1190563	909.07	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	363.63%#	
44) CS05	Toluene-D8	5.59	98	3916382	830.21	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	332.08%#	
62) CS10	p-Bromofluorobenzene	8.17	174	1331149	846.16	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	338.46%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.35	85	841194	975.14	ng	98
3) C010	Chloromethane	1.47	50	1139390	976.15	ng	99
4) C020	Vinyl chloride	1.55	62	966054	988.22	ng	98
5) C015	Bromomethane	1.75	94	518817	1076.14	ng	86
6) C025	Chloroethane	1.80	64	443756	1031.09	ng	99
7) C275	Trichlorofluorometha	2.00	101	1021635	1021.57	ng	92
8) C291	1,1,2-Trichloro-1,2,	2.30	101	684635	1011.78	ng	98
9) C045	1,1-Dichloroethene	2.29	96	640975	996.21	ng	97
10) C030	Methylene chloride	2.58	84	1128609	891.61	ng	96
11) C040	Carbon disulfide	2.44	76	2674212	999.56	ng	96
12) C036	Acrolein	2.20	56	2045271	18934.70	ng	97
13) C038	Acrylonitrile	2.72	53	2060530	4889.29	ng	100
14) C035	Acetone	2.29	43	1219876	4670.10	ng	95
15) C300	Acetonitrile	2.47	41	5462738	38565.51	ng	100
16) C276	Iodomethane	2.39	142	1489018	1000.02	ng	97
17) C255	Methyl Acetate	2.49	43	1352570	982.29	ng	94
18) C962	T-butyl Methyl Ether	2.75	73	3234486	976.89	ng	94
19) C057	trans-1,2-Dichloroet	2.75	96	1065692	978.11	ng	83
20) C050	1,1-Dichloroethane	3.03	63	1768877	953.86	ng	99
21) C125	Vinyl Acetate	3.04	43	9527376	4297.67	ng	93
22) C051	2,2-Dichloropropane	3.44	77	1444539	987.55	ng	89
23) C056	cis-1,2-Dichloroethe	3.43	96	1197718	981.41	ng	90
24) C272	Tetrahydrofuran	3.63	42	1935108	4827.29	ng	97
25) C222	Bromochloromethane	3.60	128	634578	993.53	ng	94
26) C060	Chloroform	3.65	83	1777380	970.59	ng	99
28) C256	Cyclohexane	3.85	56	1806154	982.89	ng	# 100
29) C115	1,1,1-Trichloroethan	3.80	97	1573260	1011.57	ng	96
30) C120	Carbon tetrachloride	3.93	117	1401881	1058.12	ng	92
31) C116	1,1-Dichloropropene	3.91	75	1352922	975.84	ng	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3907.D Vial: 6
Acq On : 19 Aug 2008 00:02 Operator: CDC
Sample : VSTD200 Inst : HP5973F
Misc : Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Aug 19 00:19:02 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:18:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	4101949	943.50	ng		96
34)	C065	1,2-Dichloroethane	4.07	62	1344123	947.75	ng		89
35)	C110	2-Butanone	3.41	43	2836897	4771.88	ng		93
36)	C150	Trichloroethene	4.56	95	1097931	994.35	ng		90
37)	C161	2-Chloroethylvinyl E	5.20	63	3228773	4706.25	ng	#	78
38)	C012	Methylcyclohexane	4.73	83	1788201	985.98	ng		83
39)	C140	1,2-Dichloropropane	4.75	63	1100565	972.35	ng		100
40)	C278	Dibromomethane	4.84	93	668781	988.61	ng		99
41)	C130	Bromodichloromethane	4.97	83	1398066	1038.14	ng		97
42)	C145	cis-1,3-Dichloroprop	5.34	75	1812388	1020.18	ng		92
45)	C230	Toluene	5.65	92	2761693	904.09	ng		100
46)	C170	trans-1,3-Dichloropr	5.84	75	1683631	1018.13	ng		94
47)	C284	Ethyl Methacrylate	5.91	69	1569909	1001.94	ng		90
48)	C160	1,1,2-Trichloroethan	6.01	83	792334	969.24	ng		96
49)	C210	4-Methyl-2-pentanone	5.46	43	5605265	4498.55	ng		92
50)	C220	Tetrachloroethene	6.16	166	1130718	968.98	ng		91
51)	C221	1,3-Dichloropropane	6.17	76	1645027	951.84	ng		98
52)	C155	Dibromochloromethane	6.39	129	1177297	1075.15	ng		82
53)	C163	1,2-Dibromoethane	6.50	107	1034446	992.12	ng		92
54)	C215	2-Hexanone	6.23	43	4140963	4615.95	ng		91
55)	C235	Chlorobenzene	6.99	112	3163448	954.07	ng		92
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	1123212	1023.73	ng		98
57)	C240	Ethylbenzene	7.09	91	4860476	912.15	ng		92
58)	C246	m,p-Xylene	7.21	106	3802546	1842.85	ng		88
59)	C247	o-Xylene	7.62	106	1983729	957.53	ng	#	77
60)	C245	Styrene	7.63	104	3283735	944.31	ng		96
61)	C180	Bromoform	7.82	173	765252	1151.30	ng		84
64)	C966	Isopropylbenzene	8.00	105	4805510	973.33	ng		88
65)	C301	Bromobenzene	8.32	156	1355120	988.90	ng		89
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	1244567	998.69	ng		92
67)	C282	1,2,3-Trichloropropa	8.36	110	388526	974.49	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.38	53	1804740	4821.55	ng	#	68
69)	C302	n-Propylbenzene	8.44	91	5541927	942.70	ng		96
70)	C303	O 2-Chlorotoluene	8.54	126	1274709	986.30	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	1281265	973.52	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	4040281	952.03	ng		89
73)	C306	tert-Butylbenzene	8.99	134	969649	999.63	ng		94
74)	C307	1,2,4-Trimethylbenze	9.04	105	4210421	965.55	ng		98
75)	C308	sec-Butylbenzene	9.22	105	4941881	966.53	ng		98
76)	C260	1,3-Dichlorobenzene	9.34	146	2541927	972.20	ng		98
77)	C309	p-Cymene (4-Isopropy	9.38	119	4652778	961.46	ng		94
78)	C267	1,4-Dichlorobenzene	9.43	146	2538188	944.70	ng		99
79)	C249	1,2-Dichlorobenzene	9.80	146	2401768	950.66	ng		99
80)	C310	n-Butylbenzene	9.79	91	3965547	934.28	ng		92
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	275776	1111.15	ng		96
82)	C313	1,2,4-Trichlorobenze	11.23	180	1839237	983.46	ng		100
83)	C316	Hexachlorobutadiene	11.37	225	878496	968.99	ng		96
84)	C314	Naphthalene	11.42	128	4668619	927.89	ng		98
85)	C934	1,2,3-Trichlorobenze	11.61	180	1713174	965.62	ng		99

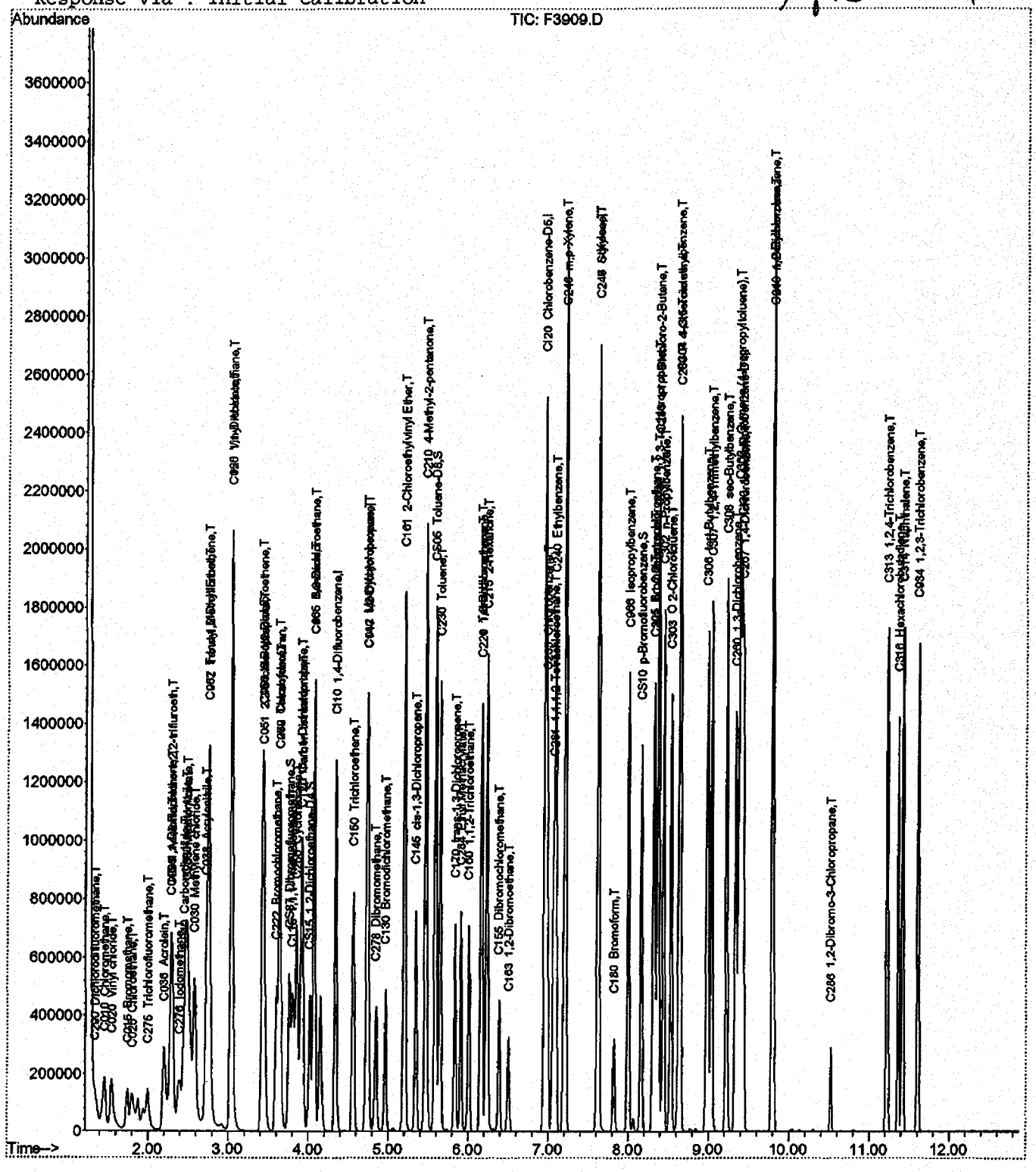
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\081808\F3909.D Vial: 8
Acq On : 19 Aug 2008 1:36 Operator: CDC
Sample : SSCALCHK Inst : HP5973F
Misc : Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Aug 19 11:02 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:21:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3909.D Vial: 8
Acq On : 19 Aug 2008 1:36 Operator: CDC
Sample : SSCALCHK Inst : HP5973F
Misc : Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Aug 19 11:02:48 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:21:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\081808\F3905.D (18 Aug 2008 23:11)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	1101712	250.00	ng		0.00 98.32%
43) CI20	Chlorobenzene-D5	6.96	82	493604	250.00	ng		0.00 97.42%
63) CI30	1,4-Dichlorobenzene-	9.41	152	514837	250.00	ng		0.00 97.85%
System Monitoring Compounds								
27) CS87	Dibromofluoromethane	3.76	111	331858	270.17	ng		0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	108.07%		
32) CS15	1,2-Dichloroethane-D	4.02	65	338402	258.92	ng		0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	103.57%		
44) CS05	Toluene-D8	5.59	98	1284980	279.01	ng		0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	111.60%		
62) CS10	p-Bromofluorobenzene	8.17	174	411755	268.10	ng		0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	107.24%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	183990	213.73	ng		98
3) C010	Chloromethane	1.46	50	251183	215.64	ng		99
4) C020	Vinyl chloride	1.55	62	228079	233.79	ng		100
5) C015	Bromomethane	1.75	94	112748	234.34	ng		88
6) C025	Chloroethane	1.80	64	106080	246.99	ng		97
7) C275	Trichlorofluorometha	2.00	101	234396	234.86	ng		95
8) C291	1,1,2-Trichloro-1,2,	2.30	101	175926	260.53	ng		98
9) C045	1,1-Dichloroethene	2.28	96	167843	261.40	ng		99
10) C030	Methylene chloride	2.58	84	284897	245.42	ng		92
11) C040	Carbon disulfide	2.45	76	657894	246.41	ng		97
12) C036	Acrolein	2.20	56	395135	3657.97	ng		96
13) C038	Acrylonitrile	2.72	53	537227	1277.37	ng		99
14) C035	Acetone	2.30	43	334239	1282.21	ng		97
15) C300	Acetonitrile	2.47	41	1470437	10402.26	ng		100
16) C276	Iodomethane	2.39	142	295089	198.59	ng		98
17) C255	Methyl Acetate	2.50	43	352999	256.89	ng		93
18) C962	T-butyl Methyl Ether	2.76	73	862339	260.98	ng		94
19) C057	trans-1,2-Dichloroet	2.76	96	265557	244.23	ng		82
20) C050	1,1-Dichloroethane	3.03	63	453392	244.99	ng		97
21) C125	Vinyl Acetate	3.04	43	2764277	1249.49	ng		97
22) C051	2,2-Dichloropropane	3.44	77	373933	256.16	ng		90
23) C056	cis-1,2-Dichloroethe	3.43	96	292865	240.47	ng		91
24) C272	Tetrahydrofuran	3.63	42	517111	1292.63	ng		99
25) C222	Bromochloromethane	3.60	128	152842	239.79	ng		89
26) C060	Chloroform	3.65	83	447603	244.93	ng		99
28) C256	Cyclohexane	3.85	56	457726	249.60	ng	#	100
29) C115	1,1,1-Trichloroethan	3.80	97	387149	249.44	ng		96
30) C120	Carbon tetrachloride	3.93	117	338618	256.11	ng		92
31) C116	1,1-Dichloropropene	3.91	75	348305	251.74	ng		88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\081808\F3909.D Vial: 8
Acq On : 19 Aug 2008 1:36 Operator: CDC
Sample : SSCALCHK Inst : HP5973F
Misc : Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Aug 19 11:02:48 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Aug 19 00:21:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	1062638	244.92	ng		99
34)	C065	1,2-Dichloroethane	4.07	62	340039	240.26	ng		88
35)	C110	2-Butanone	3.42	43	756660	1275.24	ng		91
36)	C150	Trichloroethene	4.56	95	270780	247.02	ng		89
37)	C161	2-Chloroethylvinyl E	5.20	63	829749	1211.99	ng	#	80
38)	C012	Methylcyclohexane	4.73	83	457744	252.91	ng		84
39)	C140	1,2-Dichloropropane	4.75	63	271718	240.56	ng		100
40)	C278	Dibromomethane	4.84	93	164350	243.45	ng		99
41)	C130	Bromodichloromethane	4.97	83	329407	245.11	ng		97
42)	C145	cis-1,3-Dichloroprop	5.34	75	440187	248.29	ng		91
45)	C230	Toluene	5.65	92	711240	238.50	ng		96
46)	C170	trans-1,3-Dichloropr	5.84	75	398643	246.93	ng		95
47)	C284	Ethyl Methacrylate	5.91	69	397957	260.17	ng		91
48)	C160	1,1,2-Trichloroethan	6.01	83	193227	242.11	ng		95
49)	C210	4-Methyl-2-pentanone	5.46	43	1570646	1291.16	ng		97
50)	C220	Tetrachloroethene	6.16	166	289608	254.21	ng		91
51)	C221	1,3-Dichloropropane	6.16	76	414444	245.63	ng		95
52)	C155	Dibromochloromethane	6.38	129	266674	249.45	ng		80
53)	C163	1,2-Dibromoethane	6.50	107	250164	245.76	ng		92
54)	C215	2-Hexanone	6.23	43	1130144	1290.39	ng		94
55)	C235	Chlorobenzene	6.99	112	794030	245.29	ng		92
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	268151	250.34	ng		97
57)	C240	Ethylbenzene	7.09	91	1291157	248.19	ng		94
58)	C246	m,p-Xylene	7.20	106	1019326	506.01	ng		99
59)	C247	o-Xylene	7.61	106	509827	252.07	ng	#	81
60)	C245	Styrene	7.62	104	859509	253.18	ng		100
61)	C180	Bromoform	7.82	173	168346	259.43	ng		87
64)	C966	Isopropylbenzene	8.00	105	1155485	228.80	ng		92
65)	C301	Bromobenzene	8.32	156	343301	244.91	ng		89
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	321035	251.84	ng		91
67)	C282	1,2,3-Trichloropropa	8.36	110	92312	226.35	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	442165	1154.83	ng	#	72
69)	C302	n-Propylbenzene	8.44	91	1501283	249.65	ng		100
70)	C303	O 2-Chlorotoluene	8.53	126	329111	248.94	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	333119	247.44	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	1087552	250.52	ng		85
73)	C306	tert-Butylbenzene	8.98	134	247386	249.32	ng	#	90
74)	C307	1,2,4-Trimethylbenze	9.04	105	1125105	252.23	ng		95
75)	C308	sec-Butylbenzene	9.22	105	1416508	270.83	ng		94
76)	C260	1,3-Dichlorobenzene	9.34	146	657133	245.70	ng		97
77)	C309	p-Cymene (4-Isopropy	9.38	119	1224971	247.46	ng		96
78)	C267	1,4-Dichlorobenzene	9.43	146	674000	245.24	ng		98
79)	C249	1,2-Dichlorobenzene	9.80	146	631605	244.40	ng		99
80)	C310	n-Butylbenzene	9.79	91	1100832	253.54	ng		96
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	60982	240.20	ng		99
82)	C313	1,2,4-Trichlorobenze	11.23	180	475269	248.44	ng		98
83)	C316	Hexachlorobutadiene	11.37	225	231957	250.12	ng		95
84)	C314	Naphthalene	11.42	128	1240458	241.02	ng		96
85)	C934	1,2,3-Trichlorobenze	11.61	180	444482	244.92	ng		99

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000654-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973N Calibration Dates(s): 09/05/2008 09/05/2008

Heated Purge (Y/N): N Calibration Times: 15:53 17:53

GC Column: ZB-624 ID: 0.18(mm)

Lab File ID: RRF1 = N0816.RR RRF5 = N0817.RR RRF10 = N0818.RR
RRF25 = N0819.RR RRF50 = N0820.RR RRF100 = N0821.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Acetone	0.212	0.259	0.238	0.246	0.242	0.227	0.2370	6.900
Benzene	2.150	1.968	1.938	2.008	1.947	1.972	1.9970	3.900
Bromodichloromethane	0.487	0.486	0.496	0.539	0.559	0.584	0.5250	7.900
Bromoform	0.323	0.364	0.413	0.510	0.568	0.656	0.4720	27.100
Bromomethane	0.519	0.440	0.442	0.426	0.364	0.385	0.4290	12.500
2-Butanone	0.336	0.372	0.362	0.365	0.351	0.359	0.3580	3.500
Methyl acetate	1.936	1.469	1.437	1.344	1.303	1.284	1.4620	16.600
Cyclohexane	0.693	0.787	0.807	0.861	0.809	0.809	0.7940	7.000
Methylcyclohexane	0.663	0.737	0.799	0.842	0.801	0.824	0.7780	8.500
Carbon Disulfide	1.634	1.619	1.667	1.779	1.689	1.640	1.6720	3.500
Carbon Tetrachloride	0.389	0.399	0.437	0.527	0.557	0.595	0.4840	18.000
Chlorobenzene	1.600	1.479	1.480	1.507	1.495	1.494	1.5090	3.000
Chloroethane	0.452	0.444	0.418	0.418	0.334	0.373	0.4070	11.000
Chloroform	0.851	0.808	0.791	0.819	0.790	0.799	0.8100	2.800
Chloromethane	0.675	0.581	0.566	0.550	0.506	0.492	0.5620	11.600
Dibromochloromethane	0.333	0.342	0.384	0.452	0.488	0.524	0.4200	18.900
1,2-Dibromo-3-chloropropane	0.108	0.189	0.218	0.236	0.255	0.248	0.2090	26.200
1,2-Dibromoethane	0.471	0.479	0.509	0.519	0.537	0.530	0.5070	5.300
1,2-Dichlorobenzene	2.254	2.110	2.076	2.151	2.204	2.216	2.1690	3.100
1,3-Dichlorobenzene	2.309	2.196	2.249	2.366	2.386	2.605	2.3520	6.100
1,4-Dichlorobenzene	3.034	2.369	2.308	2.342	2.355	2.409	2.4700	11.300
Dichlorodifluoromethane	0.249	0.269	0.276	0.321	0.296	0.294	0.2840	8.800
1,1-Dichloroethane	0.868	0.830	0.814	0.835	0.798	0.806	0.8250	3.000
1,2-Dichloroethane	0.750	0.675	0.663	0.671	0.634	0.630	0.6700	6.400
1,1-Dichloroethene	0.587	0.573	0.582	0.591	0.560	0.537	0.5720	3.600
cis-1,2-Dichloroethene	0.506	0.494	0.492	0.508	0.503	0.516	0.5030	1.800
trans-1,2-Dichloroethene	0.570	0.589	0.589	0.595	0.539	0.585	0.5780	3.600
1,2-Dichloropropane	0.495	0.482	0.487	0.487	0.467	0.466	0.4810	2.500
cis-1,3-Dichloropropene	0.604	0.659	0.688	0.759	0.761	0.769	0.7070	9.500
trans-1,3-Dichloropropene	0.570	0.638	0.672	0.749	0.778	0.791	0.6990	12.500
Ethylbenzene	2.459	2.562	2.560	2.685	2.656	2.609	2.5880	3.100
2-Hexanone	0.577	0.624	0.660	0.668	0.656	0.644	0.6380	5.300
Isopropylbenzene	4.235	4.216	4.318	4.561	4.395	4.419	4.3570	3.000
Methylene chloride	1.522	0.810	0.735	0.662	0.613	0.572	0.8190	43.300
4-Methyl-2-pentanone	0.767	0.837	0.863	0.860	0.838	0.809	0.8290	4.300
Styrene	1.362	1.552	1.617	1.723	1.742	1.755	1.6250	9.300
1,1,2,2-Tetrachloroethane	1.243	1.196	1.271	1.313	1.272	1.291	1.2640	3.200

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000654-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973N Calibration Dates(s): 09/05/2008 09/05/2008

Heated Purge (Y/N): N Calibration Times: 15:53 17:53

GC Column: ZB-624 ID: 0.18(mm)

Lab File ID: RRF1 = N0816.RR RRF5 = N0817.RR RRF10 = N0818.RR
RRF25 = N0819.RR RRF50 = N0820.RR RRF100 = N0821.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Tetrachloroethene	0.569	0.545	0.543	0.568	0.565	0.581	0.5620	2.600
Toluene	1.335	1.366	1.380	1.385	1.353	1.358	1.3630	1.300
1,2,4-Trichlorobenzene	1.175	1.232	1.239	1.328	1.500	1.255	1.2880	8.900
1,1,1-Trichloroethane	0.546	0.591	0.585	0.665	0.668	0.694	0.6250	9.400
1,1,2-Trichloroethane	0.405	0.402	0.408	0.411	0.398	0.393	0.4030	1.600
Trichloroethene	0.501	0.464	0.472	0.491	0.482	0.487	0.4830	2.800
Trichlorofluoromethane	0.994	0.972	0.930	0.957	0.815	0.854	0.9200	7.700
Vinyl chloride	0.666	0.570	0.551	0.561	0.522	0.531	0.5670	9.100
Total Xylenes	0.848	0.938	0.946	1.015	1.017	1.014	0.9630	7.000
Methyl-t-Butyl Ether (MTBE)	1.528	1.550	1.755	1.694	1.475	1.638	1.6070	6.700
1,1,2-Trichloro-1,2,2-trifl	0.537	0.610	0.625	0.612	0.565	0.536	0.5810	6.900
1,2-Dichloroethane-D4	0.530	0.513	0.511	0.470	0.476	0.486	0.4980	4.800
Toluene-D8	1.783	1.762	1.773	1.719	1.794	1.756	1.7640	1.500
p-Bromofluorobenzene	0.526	0.517	0.547	0.515	0.567	0.572	0.5410	4.600

Comments:

Response Factor Report HP5973 N

Method Path : C:\MSDCHEM\2\DATA\METHODS 2008\
Method File : A8I0000654-6PT.M
Title : 8260 5ML
Last Update : Sat Sep 06 11:06:28 2008
Response Via : Initial Calibration

Calibration Files
1 =N0816.D 2 =N0817.D 3 =N0818.D
4 =N0819.D 5 =N0820.D 6 =N0821.D

		Compound		1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.249	0.269	0.276	0.321	0.296	0.294	0.284	8.84
3)	T	C010	Chloromethane	0.675	0.581	0.566	0.550	0.506	0.492	0.562	11.61
4)	T	C020	Vinyl chlorid	0.666	0.570	0.551	0.561	0.522	0.531	0.567	9.14
5)	T	C015	Bromomethane	0.518	0.440	0.442	0.426	0.364	0.385	0.429	12.54
6)	T	C025	Chloroethane	0.452	0.444	0.418	0.418	0.334	0.373	0.407	11.03
7)	T	C275	Trichlorofluo	0.994	0.972	0.930	0.957	0.815	0.854	0.920	7.67
8)	T	C045	1,1-Dichloroe	0.587	0.573	0.582	0.591	0.560	0.537	0.572	3.57
9)	T	C030	Methylene chl	1.522	0.810	0.735	0.662	0.613	0.572	-----	
									L	M= 0.561 R=0.999	
										B= 0.073	
10)	T	C040	Carbon disulf	1.634	1.619	1.667	1.779	1.689	1.640	1.671	3.50
11)	T	C036	Acrolein	0.119	0.130	0.128	0.131	0.125	0.117	0.125	4.58
12)	T	C038	Acrylonitrile	0.203	0.247	0.288	0.262	0.252	0.259	0.252	11.04
13)	T	C035	Acetone	0.212	0.259	0.238	0.246	0.242	0.227	0.237	6.92
14)	T	C300	Acetonitrile	0.052	0.073	0.072	0.073	0.078	0.063	0.068	13.86
15)	T	C276	Iodomethane	1.107	1.075	1.075	1.096	1.007	0.968	1.055	5.21
16)	T	C291	1,1,2 Trichlo	0.537	0.610	0.625	0.612	0.565	0.536	0.581	6.87
17)	T	C962	T-butyl Methy	1.528	1.550	1.755	1.694	1.475	1.638	1.607	6.67
18)	T	C057	trans-1,2-Dic	0.570	0.589	0.589	0.595	0.539	0.585	0.578	3.63
19)	T	C255	Methyl Acetat	1.936	1.469	1.437	1.344	1.303	1.284	-----	
									L	M= 1.274 R=1.000	
										B= 0.053	
20)	T	C050	1,1-Dichloroe	0.868	0.830	0.814	0.835	0.798	0.806	0.825	3.03
21)	T	C125	Vinyl Acetate	1.022	1.138	1.163	1.227	1.198	1.118	1.144	6.27
22)	T	C051	2,2-Dichlorop	0.374	0.477	0.480	0.529	0.520	0.526	0.484	12.14
23)	T	C056	cis-1,2-Dichl	0.506	0.494	0.492	0.508	0.503	0.515	0.503	1.75
24)	T	C272	Tetrahydrofur	0.220	0.247	0.252	0.253	0.238	0.244	0.242	5.05
25)	T	C222	Bromochlorome	0.226	0.231	0.243	0.253	0.248	0.259	0.243	5.22
26)	T	C060	Chloroform	0.851	0.808	0.791	0.819	0.790	0.799	0.810	2.82
27)	T	C115	1,1,1-Trichlo	0.546	0.591	0.585	0.665	0.668	0.694	0.625	9.36
28)	T	C120	Carbon tetrac	0.389	0.399	0.437	0.527	0.557	0.595	-----	
									L	M= 0.602 R=0.999	
										B= -0.055	
29)	T	C116	1,1-Dichlorop	0.615	0.616	0.633	0.671	0.639	0.646	0.637	3.26
30)	S	CS87	Dibromofluoro	0.366	0.385	0.395	0.387	0.407	0.417	0.393	4.52
31)	S	CS15	1,2-Dichloroe	0.530	0.513	0.511	0.470	0.476	0.486	0.498	4.81
32)	T	C165	Benzene	2.150	1.968	1.938	2.008	1.947	1.972	1.997	3.95
33)	T	C065	1,2-Dichloroe	0.750	0.675	0.663	0.671	0.634	0.630	0.670	6.45
34)	T	C110	2-Butanone	0.336	0.372	0.362	0.365	0.351	0.359	0.357	3.49
35)	T	C256	Cyclohexane	0.693	0.787	0.807	0.861	0.809	0.809	0.794	6.96
36)	T	C150	Trichloroethe	0.501	0.464	0.472	0.491	0.482	0.487	0.483	2.76
37)	T	C140	1,2-Dichlorop	0.495	0.482	0.487	0.487	0.467	0.466	0.481	2.46
38)	T	C278	Dibromomethan	0.301	0.294	0.300	0.310	0.301	0.308	0.302	1.89
39)	T	C130	Bromodichloro	0.487	0.486	0.496	0.539	0.559	0.584	0.525	7.87
40)	T	C161	2-Chloroethyl	0.373	0.415	0.433	0.446	0.433	0.463	0.427	7.23
41)	T	C012	Methylcycolhe	0.663	0.737	0.799	0.841	0.801	0.824	0.778	8.52
42)	T	C145	cis-1,3-Dichl	0.604	0.659	0.688	0.759	0.761	0.769	0.707	9.51
43)	I	CI20	Chlorobenzene-D	ISTD							
44)	S	CS05	Toluene-D8	1.783	1.761	1.773	1.719	1.794	1.756	1.764	1.47
45)	T	C230	Toluene	1.335	1.366	1.380	1.385	1.353	1.358	1.363	1.34
46)	T	C170	trans-1,3-Dic	0.570	0.638	0.672	0.749	0.778	0.791	0.699	12.50
47)	T	C284	Ethyl Methacr	0.593	0.767	0.840	0.898	0.890	0.888	0.813	14.54
48)	T	C160	1,1,2-Trichlo	0.405	0.402	0.408	0.411	0.398	0.393	0.403	1.65
49)	T	C210	4-Methyl-2-pe	0.767	0.837	0.863	0.860	0.838	0.808	0.829	4.34

Response Factor Report HP5973 N

Method Path : C:\MSDCHEM\2\DATA\METHODS 2008\
Method File : A8I0000654-6PT.M
Title : 8260 5ML
Last Update : Sat Sep 06 11:06:28 2008
Response Via : Initial Calibration

Calibration Files
1 =N0816.D 2 =N0817.D 3 =N0818.D
4 =N0819.D 5 =N0820.D 6 =N0821.D

50)	T	C220	Tetrachloroet	0.568	0.545	0.543	0.568	0.565	0.581	0.562	2.61
51)	T	C221	1,3-Dichlorop	0.894	0.867	0.876	0.883	0.859	0.845	0.870	2.02
52)	T	C155	Dibromochloro	0.333	0.342	0.384	0.452	0.488	0.524	-----	
								L	M= 0.530 R=0.998		
									B= -0.053		
53)	T	C163	1,2-Dibromoet	0.471	0.479	0.509	0.519	0.537	0.530	0.507	5.31
54)	T	C215	2-Hexanone	0.577	0.624	0.660	0.668	0.656	0.644	0.638	5.31
55)	T	C235	Chlorobenzene	1.600	1.478	1.480	1.507	1.495	1.494	1.509	3.02
56)	T	C281	1,1,1,2-Tetra	0.340	0.375	0.403	0.468	0.503	0.532	-----	
								L	M= 0.538 R=0.999		
									B= -0.047		
57)	T	C240	Ethylbenzene	2.459	2.562	2.560	2.685	2.656	2.609	2.588	3.12
58)	T	C246	m,p-Xylene	0.970	1.013	1.032	1.093	1.085	1.122	1.053	5.41
59)	T	C247	o-Xylene	0.848	0.938	0.946	1.015	1.017	1.014	0.963	6.96
60)	T	C245	Styrene	1.362	1.552	1.617	1.723	1.742	1.755	1.625	9.31
61)	S	CS10	p-Bromofluoro	0.526	0.517	0.547	0.515	0.567	0.572	0.541	4.63
62)	I	CI30	1,4-Dichloroben	----------	----------	----------	ISTD	----------	----------	----------	
63)	T	C180	Bromoform	0.323	0.364	0.413	0.510	0.568	0.656	-----	
								L	M= 0.664 R=0.994		
									B= -0.101		
64)	T	C966	Isopropylbenz	4.235	4.216	4.317	4.561	4.395	4.419	4.357	2.96
65)	T	C301	Bromobenzene	1.138	1.066	1.079	1.136	1.122	1.170	1.119	3.50
66)	T	C225	1,1,2,2-Tetra	1.243	1.196	1.271	1.313	1.272	1.291	1.264	3.23
67)	T	C282	1,2,3-Trichlo	0.437	0.444	0.463	0.475	0.476	0.530	0.471	7.01
68)	T	C283	t-1,4-Dichlor	0.218	0.217	0.228	0.237	0.244	0.277	0.237	9.48
69)	T	C302	n-Propylbenze	5.526	5.806	5.961	6.356	6.214	6.320	6.031	5.42
70)	T	C303	2-Chlorotolue	1.040	1.036	1.037	1.083	1.044	1.068	1.051	1.88
71)	T	C289	4-Chlorotolue	1.100	1.077	1.086	1.146	1.101	1.160	1.112	3.03
72)	T	C304	1,3,5-Trimeth	3.510	3.557	3.663	3.840	3.754	3.769	3.682	3.50
73)	T	C306	tert-Butylben	0.701	0.772	0.763	0.845	0.834	0.847	0.794	7.35
74)	T	C307	1,2,4-Trimeth	3.533	3.727	3.671	3.862	3.790	3.797	3.730	3.12
75)	T	C308	sec-Butylbenz	4.090	4.290	4.473	4.742	4.599	4.473	4.445	5.17
76)	T	C260	1,3-Dichlorob	2.309	2.196	2.249	2.366	2.386	2.605	2.352	6.08
77)	T	C309	4-Isopropylto	3.586	4.048	4.124	4.504	4.496	4.556	4.219	8.93
78)	T	C267	1,4-Dichlorob	3.034	2.369	2.308	2.342	2.355	2.409	2.470	11.27
79)	T	C249	1,2-Dichlorob	2.254	2.110	2.076	2.151	2.204	2.216	2.169	3.14
80)	T	C310	n-Butylbenzen	3.308	3.658	3.741	4.017	3.970	3.818	3.752	6.83
81)	T	C286	1,2-Dibromo-3	0.108	0.189	0.218	0.236	0.255	0.247	-----	
								L	M= 0.251 R=0.999		
									B= -0.010		
82)	T	C313	1,2,4-Trichlo	1.175	1.232	1.239	1.328	1.500	1.255	1.288	8.92
83)	T	C316	Hexachlorobut	0.699	0.706	0.673	0.701	0.743	0.604	0.688	6.82
84)	T	C314	Naphthalene	3.172	3.312	3.594	3.807	4.374	3.714	3.662	11.57
85)	T	C934	1,2,3-Trichlo	1.148	1.078	1.112	1.127	1.364	1.034	1.144	10.06

Total Average %RSD 6.12

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000654-6PT.M Sat Sep 06 11:10:46 2008 CHEMSTAT2

Date: 09/22/2008 ICC Profile Page: 1
Time: 15:38:23 Rept: AN0287R

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D
Fraction: MV

No of Points: 6 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/31/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
2	123-91-1	1,4-Dioxane	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	25.0000	50.0000	125.0000	125.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000	0.0000
150	75-00-3	Chloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
201	110-54-3	Hexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	75.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Date: 09/22/2008 ICC Profile Page: 3
Time: 15:38:23 Rept: AN0287R

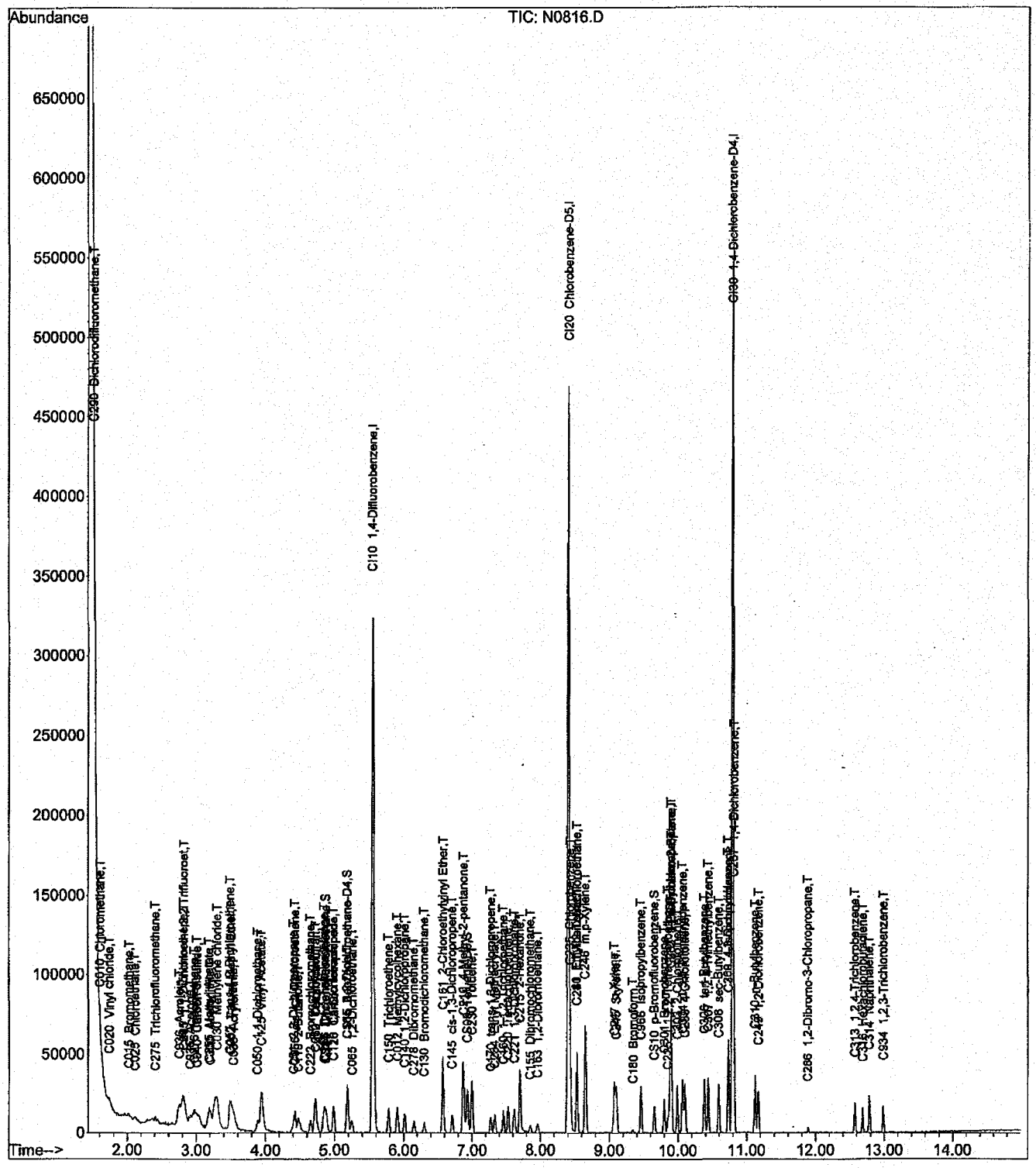
ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
670	SU106-46-7	1,4-Dichlorobenzene-D4	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
680	3114-55-4	Chlorobenzene-D5	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
690	540-36-3	1,4-Difluorobenzene	125.0000	125.0000	125.0000	125.0000	125.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000	0.0000
982	141-78-6	Ethyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0816.D Vial: 3
Acq On : 5 Sep 2008 15:53 Operator: RJ
Sample : VSTD001 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 10:54:10 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0816.D Vial: 3
Acq On : 5 Sep 2008 15:53 Operator: RJ
Sample : VSTD001 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:54:10 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	289787	125.00	ng	0.00 87.12%
43) CI20	Chlorobenzene-D5	8.41	117	273767	125.00	ng	0.00 87.21%
62) CI30	1,4-Dichlorobenzene-	10.79	152	141139	125.00	ng	0.00 79.45%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	4246	4.66	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.73%#	
31) CS15	1,2-Dichloroethane-D	5.18	65	6146	5.33	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	4.26%#	
44) CS05	Toluene-D8	6.93	98	19529	5.05	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	4.04%#	
61) CS10	p-Bromofluorobenzene	9.65	174	5758	4.86	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	3.89%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.53	85	2889	4.38	ng	# 45
3) C010	Chloromethane	1.62	50	7819	6.00	ng	83
4) C020	Vinyl chloride	1.75	62	7719	5.87	ng	82
5) C015	Bromomethane	2.03	94	6010	6.04	ng	98
6) C025	Chloroethane	2.12	64	5239	5.56	ng	90
7) C275	Trichlorofluorometha	2.41	101	11521m	5.40	ng	78
8) C045	1,1-Dichloroethene	2.82	96	6803	5.13	ng	# 86
9) C030	Methylene chloride	3.30	84	17637	9.29	ng	88
10) C040	Carbon disulfide	3.01	76	18943	4.89	ng	# 82
11) C036	Acrolein	2.76	56	27603	95.24	ng	92
12) C038	Acrylonitrile	3.55	53	11783	20.18	ng	97
13) C035	Acetone	2.91	43	12272	22.31	ng	94
14) C300	Acetonitrile	3.21	41	23920m	164.86	ng	# 24
15) C276	Iodomethane	2.97	142	12837	5.25	ng	# 84
16) C291	1,1,2 Trichloro-1,2,	2.82	101	6223	4.62	ng	# 93
17) C962	T-butyl Methyl Ether	3.50	73	17711	4.75	ng	# 80
18) C057	trans-1,2-Dichloroet	3.49	96	6602	4.93	ng	# 81
19) C255	Methyl Acetate	3.18	43	22442	6.62	ng	# 87
20) C050	1,1-Dichloroethane	3.89	63	10056	5.26	ng	94
21) C125	Vinyl Acetate	3.94	43	59218	22.32	ng	99
22) C051	2,2-Dichloropropane	4.40	77	4333	3.86	ng	# 54
23) C056	cis-1,2-Dichloroethe	4.42	96	5868	5.03	ng	# 69
24) C272	Tetrahydrofuran	4.72	42	12759	22.72	ng	# 80
25) C222	Bromochloromethane	4.65	128	2624	4.65	ng	# 74
26) C060	Chloroform	4.73	83	9863	5.25	ng	98
27) C115	1,1,1-Trichloroethan	4.85	97	6330	4.37	ng	92
28) C120	Carbon tetrachloride	4.98	117	4509	4.02	ng	85
29) C116	1,1-Dichloropropene	4.99	75	7131	4.83	ng	93
32) C165	Benzene	5.19	78	24922	5.38	ng	96
33) C065	1,2-Dichloroethane	5.26	62	8691	5.59	ng	89
34) C110	2-Butanone	4.48	43	19496	23.52	ng	# 89
35) C256	Cyclohexane	4.85	56	8037	4.36	ng	96
36) C150	Trichloroethene	5.78	95	5808	5.19	ng	82
37) C140	1,2-Dichloropropane	6.02	63	5734	5.15	ng	88
38) C278	Dibromomethane	6.15	93	3491	4.98	ng	97

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0816.D Vial: 3
Acq On : 5 Sep 2008 15:53 Operator: RJ
Sample : VSTD001 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:54:10 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	5644	4.64	ng		88
40) C161	2-Chloroethylvinyl E	6.58	63	21634	21.85	ng		96
41) C012	Methylcycolhexane	5.91	83	7690	4.27	ng		97
42) C145	cis-1,3-Dichloroprop	6.72	75	7006	4.28	ng		99
45) C230	Toluene	7.00	92	14623	4.90	ng		91
46) C170	trans-1,3-Dichloropr	7.27	75	6239	4.07	ng		99
47) C284	Ethyl Methacrylate	7.33	69	6498	3.65	ng	#	93
48) C160	1,1,2-Trichloroethan	7.46	83	4435	5.03	ng	#	79
49) C210	4-Methyl-2-pentanone	6.87	43	42008	23.14	ng	#	89
50) C220	Tetrachloroethene	7.53	166	6225	5.06	ng		87
51) C221	1,3-Dichloropropane	7.62	76	9789	5.13	ng		90
52) C155	Dibromochloromethane	7.85	129	3643	3.96	ng		94
53) C163	1,2-Dibromoethane	7.96	107	5155	4.64	ng		88
54) C215	2-Hexanone	7.70	43	31580	22.59	ng	#	95
55) C235	Chlorobenzene	8.44	112	17517	5.30	ng		83
56) C281	1,1,1,2-Tetrachloroe	8.53	131	3724	3.89	ng		87
57) C240	Ethylbenzene	8.53	91	26923	4.75	ng		98
58) C246	m,p-Xylene	8.65	106	21252	9.22	ng		94
59) C247	o-Xylene	9.08	106	9284	4.40	ng	#	75
60) C245	Styrene	9.11	104	14917	4.19	ng		98
63) C180	Bromoform	9.35	173	1821	19.50	ng		92
64) C966	Isopropylbenzene	9.46	105	23910	4.86	ng		98
65) C301	Bromobenzene	9.80	156	6426	5.09	ng	#	77
66) C225	1,1,2,2-Tetrachloroe	9.85	83	7017	4.92	ng		87
67) C282	1,2,3-Trichloropropa	9.89	110	2469	4.64	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	6157	23.02	ng	#	58
69) C302	n-Propylbenzene	9.89	91	31197	4.58	ng		87
70) C303	2-Chlorotoluene	9.99	126	5873	4.95	ng		100
71) C289	4-Chlorotoluene	10.10	126	6210	4.95	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	19818	4.77	ng	#	31
73) C306	tert-Butylbenzene	10.38	134	3959	4.42	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	19948	4.74	ng		99
75) C308	sec-Butylbenzene	10.60	105	23088	4.60	ng		93
76) C260	1,3-Dichlorobenzene	10.73	146	13037	4.91	ng		97
77) C309	4-Isopropyltoluene	10.74	119	20247	4.25	ng		92
78) C267	1,4-Dichlorobenzene	10.82	146	17127	6.14	ng		99
79) C249	1,2-Dichlorobenzene	11.17	146	12726	5.20	ng		93
80) C310	n-Butylbenzene	11.12	91	18676	4.41	ng		82
81) C286	1,2-Dibromo-3-Chloro	11.89	75	610	2.59	ng		93
82) C313	1,2,4-Trichlorobenze	12.57	180	6632	4.56	ng		92
83) C316	Hexachlorobutadiene	12.69	225	3946	5.08	ng		97
84) C314	Naphthalene	12.79	128	17908	4.33	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	6481	5.02	ng	#	77

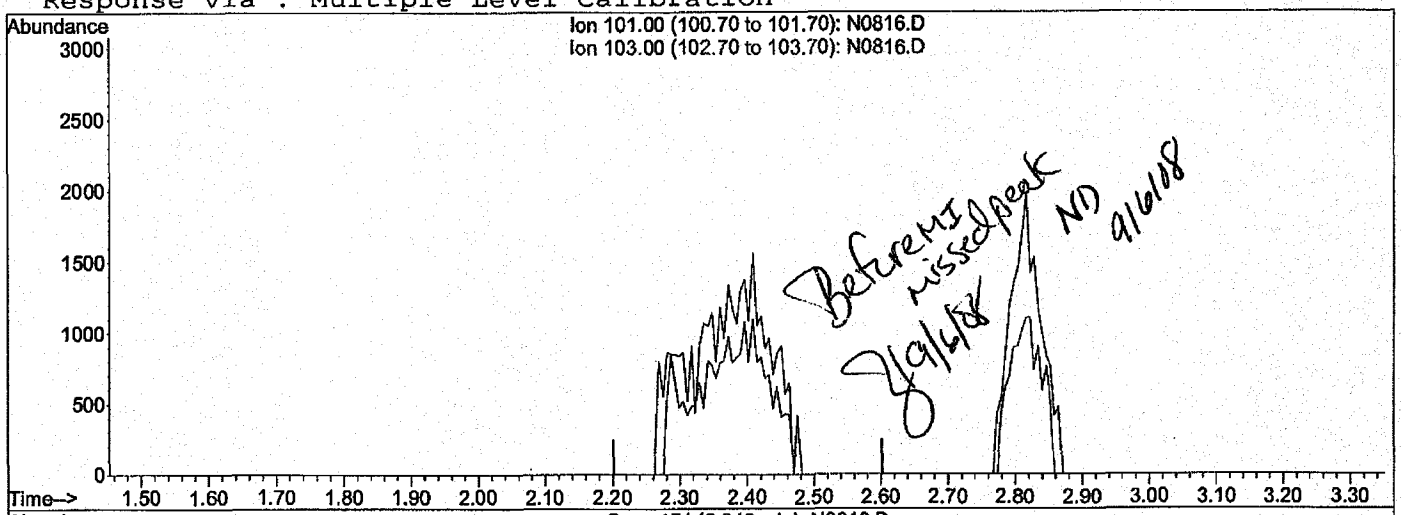
(#) = qualifier out of range (m) = manual integration (+) = signals summed

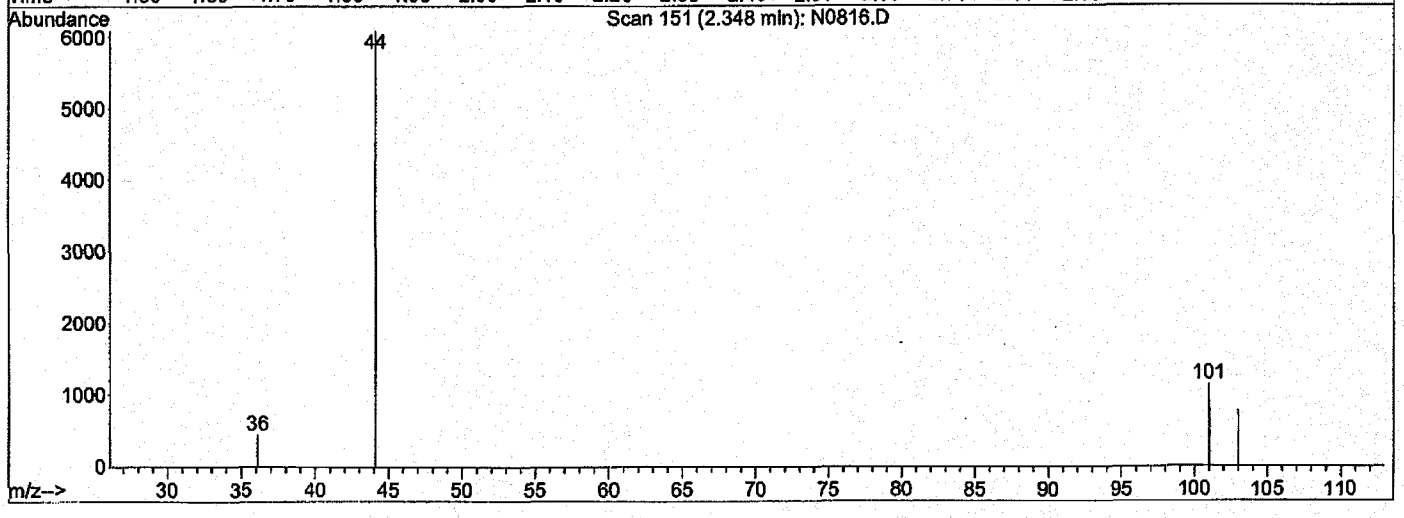
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0816.D
Acq On : 5 Sep 2008 15:53
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:43:30 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:43:10 2008
Response via : Multiple Level Calibration





TIC: N0816.D

(7) C275 Trichlorofluoromethane (T)

2.40min (-0.055) 0.00ng d

response 0

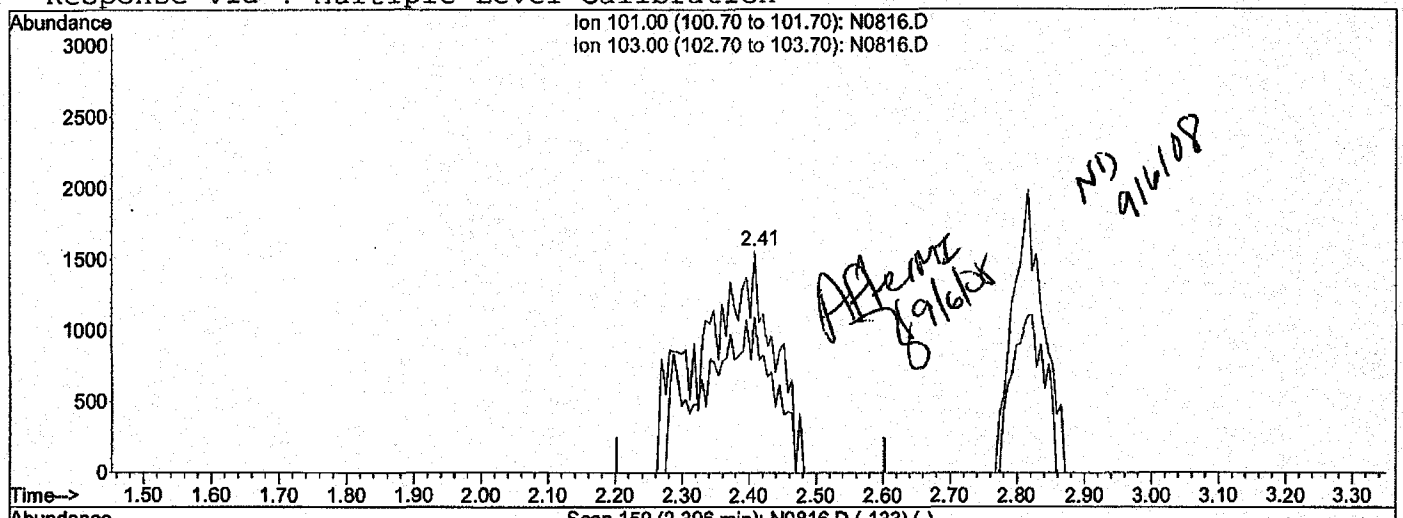
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	67.66
0.00	0.00	0.00
0.00	0.00	0.00

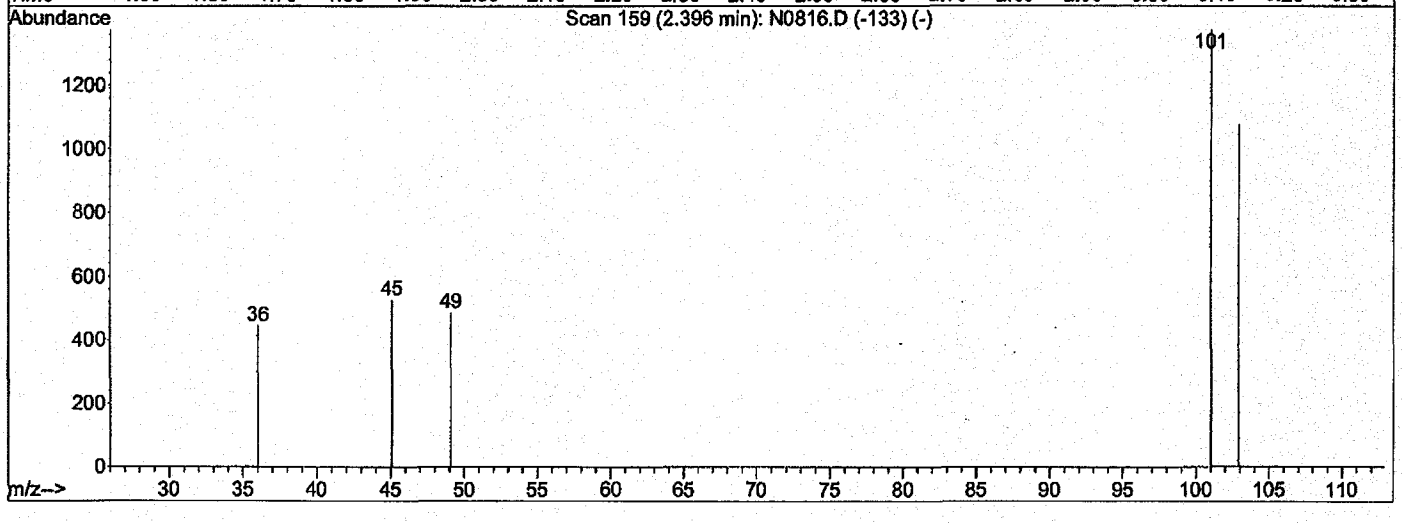
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0816.D
Acq On : 5 Sep 2008 15:53
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:43:30 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:43:10 2008
Response via : Multiple Level Calibration





TIC: N0816.D

(7) C275 Trichlorofluoromethane (T)

2.41min (+0.006) 5.40ng m

response 11520

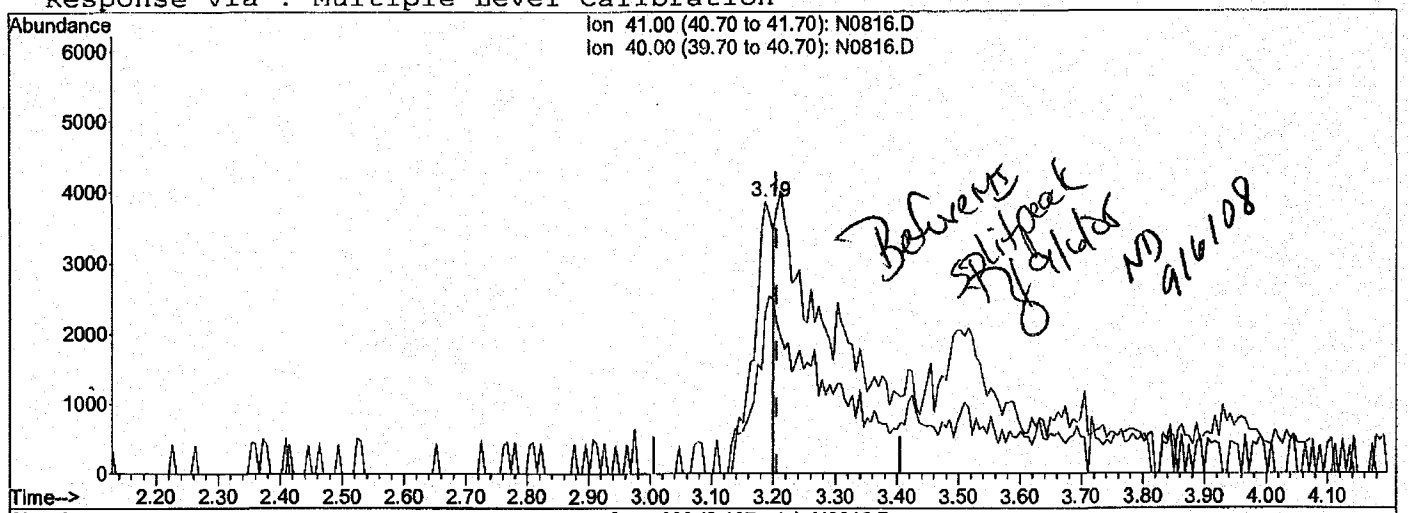
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	70.42
0.00	0.00	0.00
0.00	0.00	0.00

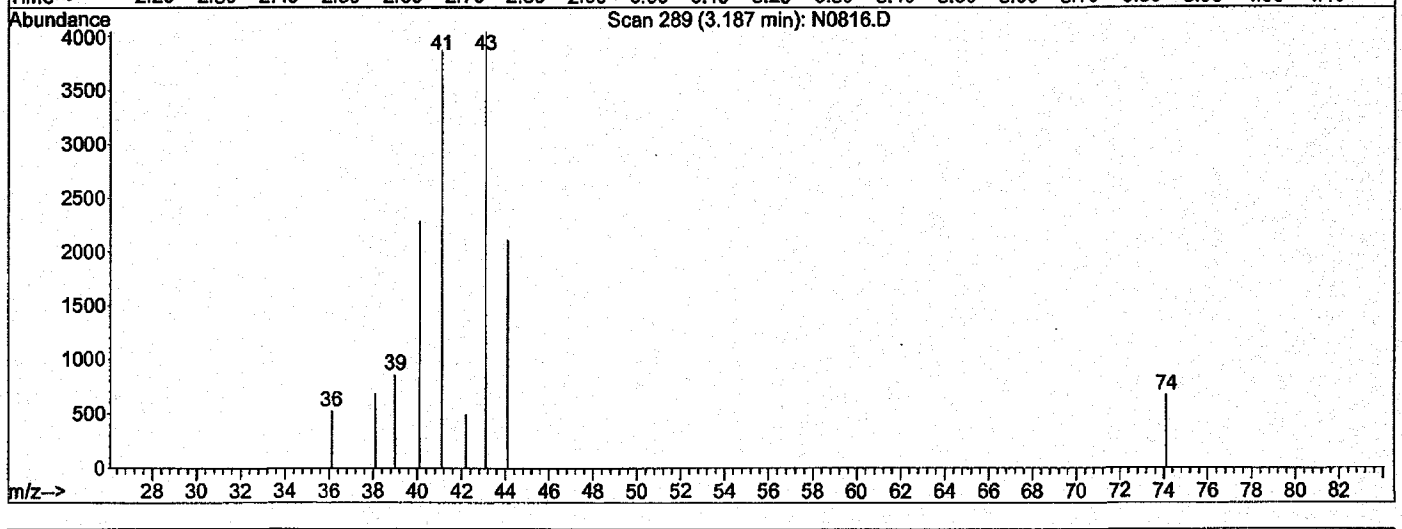
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0816.D
Acq On : 5 Sep 2008 15:53
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:52:21 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration





TIC: N0816.D

(14) C300 Acetonitrile (T)

3.19min (-0.018) 58.20ng

response 8445

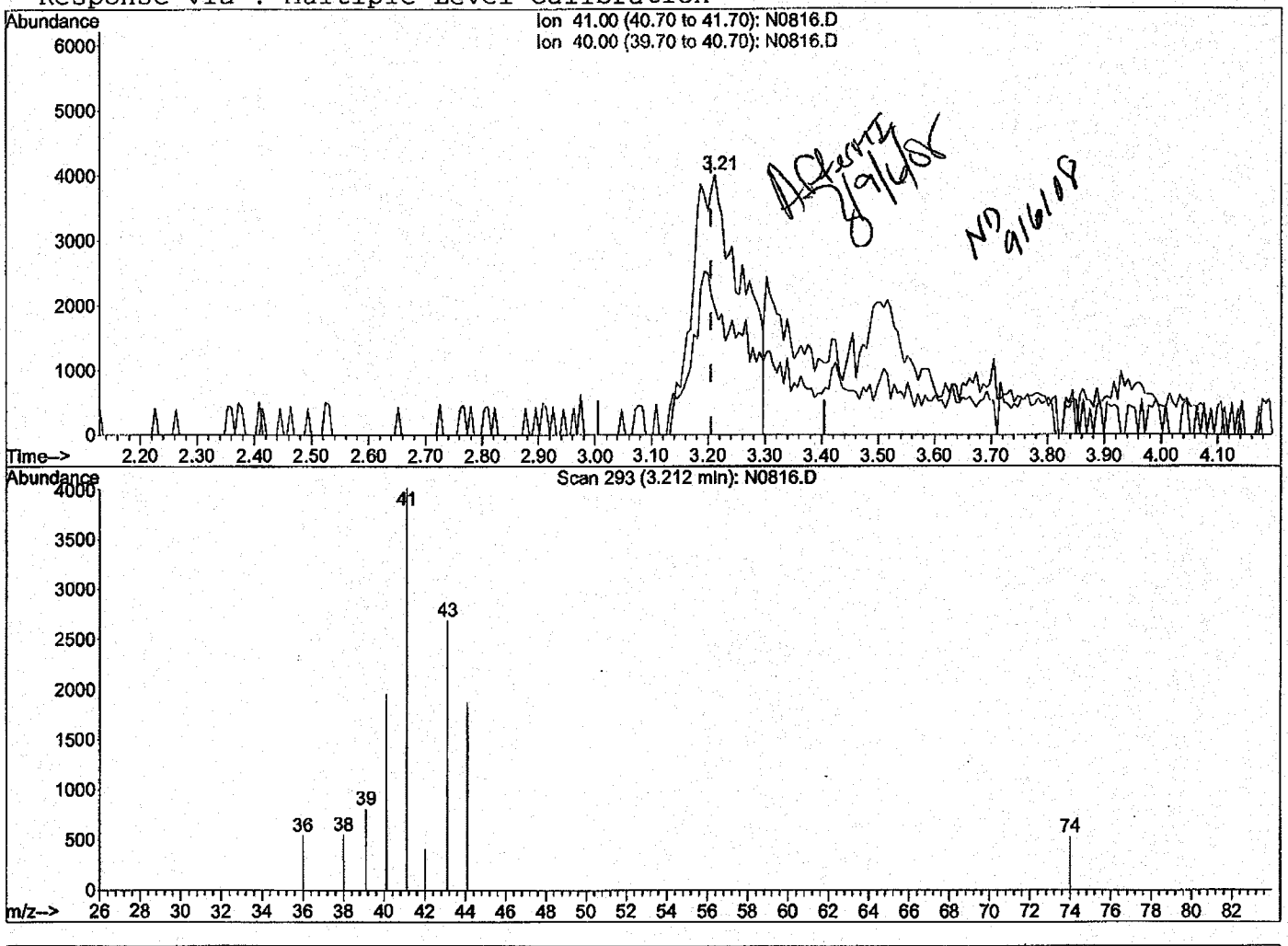
Ion	Exp%	Act%
41.00	100	100
40.00	52.00	105.47#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0816.D
Acq On : 5 Sep 2008 15:53
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:52:21 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0816.D

(14) C300 Acetonitrile (T)

3.21min (+0.006) 164.86ng m

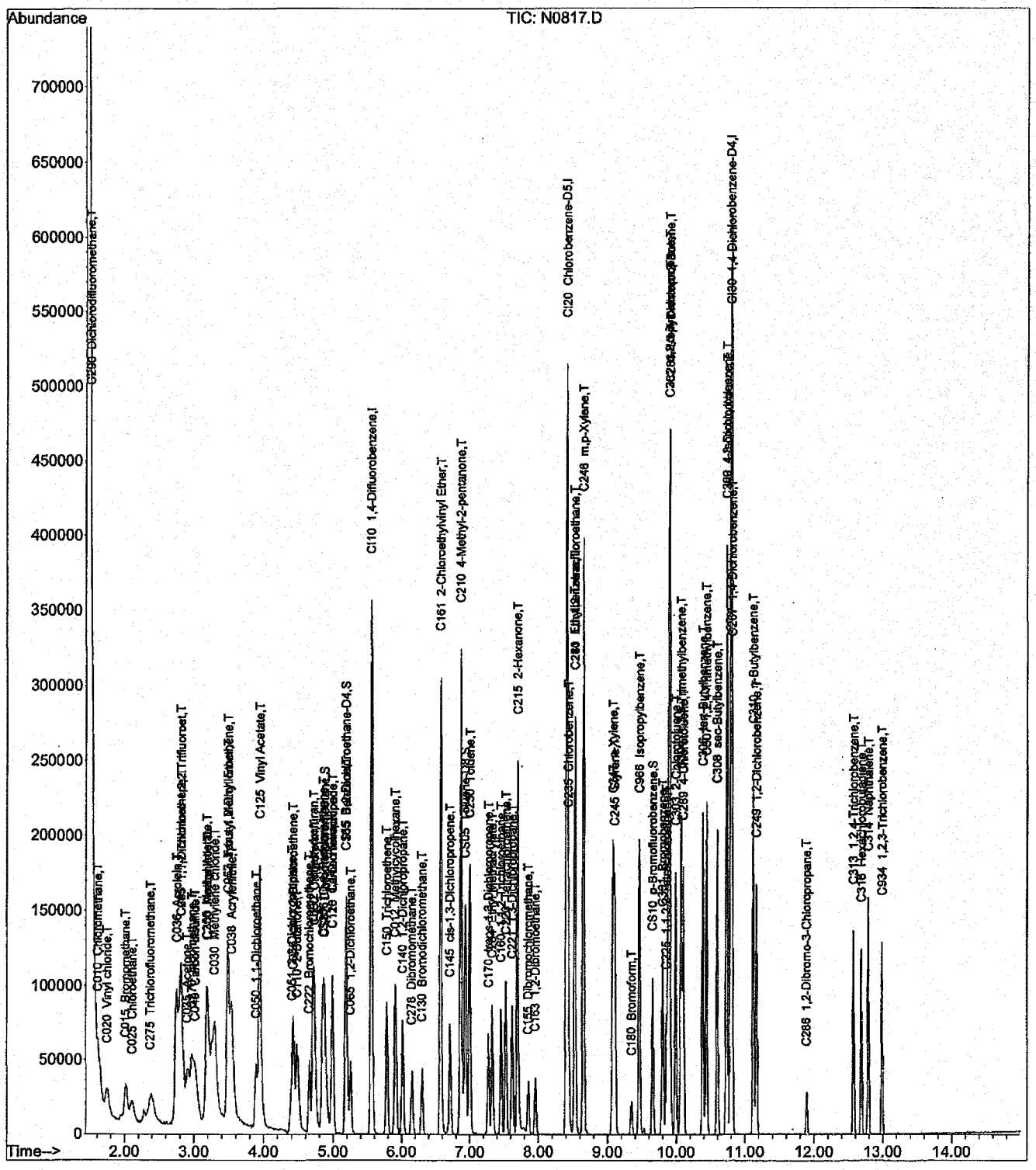
response 23920

Ion	Exp%	Act%
41.00	100	100
40.00	52.00	37.24#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0817.D Vial: 4
Acq On : 5 Sep 2008 16:17 Operator: RJ
Sample : VSTD005 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 10:57:35 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0817.D Vial: 4
Acq On : 5 Sep 2008 16:17 Operator: RJ
Sample : VSTD005 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:57:35 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	318717	125.00	ng		0.00 95.82%
43) CI20	Chlorobenzene-D5	8.41	117	293290	125.00	ng		0.00 93.43%
62) CI30	1,4-Dichlorobenzene-	10.79	152	161175	125.00	ng		0.00 90.73%
	System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	24533	24.50	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	19.60%#			
31) CS15	1,2-Dichloroethane-D	5.18	65	32709	25.77	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	20.62%#			
44) CS05	Toluene-D8	6.93	98	103326	24.96	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	19.97%#			
61) CS10	p-Bromofluorobenzene	9.65	174	30346	23.92	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	19.14%#			
	Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.51	85	17133	23.63	ng		96
3) C010	Chloromethane	1.62	50	37034	25.83	ng		94
4) C020	Vinyl chloride	1.75	62	36351	25.15	ng		83
5) C015	Bromomethane	2.01	94	28068	25.64	ng		94
6) C025	Chloroethane	2.11	64	28295	27.29	ng		95
7) C275	Trichlorofluorometha	2.37	101	61975m	26.43	ng		93
8) C045	1,1-Dichloroethene	2.81	96	36551	25.07	ng	#	85
9) C030	Methylene chloride	3.30	84	51622	24.72	ng		97
10) C040	Carbon disulfide	3.02	76	103218	24.24	ng		97
11) C036	Acrolein	2.75	56	166052	520.95	ng		100
12) C038	Acrylonitrile	3.55	53	78572	122.37	ng		98
13) C035	Acetone	2.91	43	82609	136.55	ng		94
14) C300	Acetonitrile	3.20	41	184955	1159.04	ng		98
15) C276	Iodomethane	2.97	142	68547	25.49	ng		89
16) C291	1,1,2 Trichloro-1,2,	2.81	101	38881	26.26	ng		96
17) C962	T-butyl Methyl Ether	3.50	73	98774	24.10	ng	#	86
18) C057	trans-1,2-Dichloroet	3.49	96	37558	25.50	ng	#	86
19) C255	Methyl Acetate	3.18	43	93663	25.12	ng	#	86
20) C050	1,1-Dichloroethane	3.89	63	52885	25.14	ng		93
21) C125	Vinyl Acetate	3.95	43	362626	124.29	ng		96
22) C051	2,2-Dichloropropane	4.40	77	30426	24.63	ng		100
23) C056	cis-1,2-Dichloroethe	4.43	96	31506	24.55	ng	#	85
24) C272	Tetrahydrofuran	4.71	42	78571	127.22	ng	#	82
25) C222	Bromochloromethane	4.65	128	14703	23.70	ng	#	79
26) C060	Chloroform	4.73	83	51477	24.93	ng		97
27) C115	1,1,1-Trichloroethan	4.85	97	37669	23.64	ng		95
28) C120	Carbon tetrachloride	4.98	117	25418	20.60	ng		96
29) C116	1,1-Dichloropropene	4.99	75	39252	24.18	ng		98
32) C165	Benzene	5.18	78	125420	24.63	ng		98
33) C065	1,2-Dichloroethane	5.25	62	43006	25.16	ng		89
34) C110	2-Butanone	4.48	43	118597	130.11	ng		95
35) C256	Cyclohexane	4.86	56	50175	24.77	ng		96
36) C150	Trichloroethene	5.78	95	29581	24.03	ng		84
37) C140	1,2-Dichloropropane	6.02	63	30699	25.06	ng		87
38) C278	Dibromomethane	6.15	93	18727	24.29	ng		97

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0817.D Vial: 4
Acq On : 5 Sep 2008 16:17 Operator: RJ
Sample : VSTD005 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:57:35 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	31006	23.16	ng		93
40) C161	2-Chloroethylvinyl E	6.58	63	132198	121.40	ng		95
41) C012	Methylcycolhexane	5.91	83	46963	23.69	ng		96
42) C145	cis-1,3-Dichloroprop	6.72	75	42025	23.32	ng		92
45) C230	Toluene	7.00	92	80135	25.06	ng		95
46) C170	trans-1,3-Dichloropr	7.28	75	37428	22.81	ng		91
47) C284	Ethyl Methacrylate	7.33	69	44977	23.59	ng		95
48) C160	1,1,2-Trichloroethan	7.46	83	23603	24.98	ng		93
49) C210	4-Methyl-2-pentanone	6.87	43	245369	126.19	ng	#	94
50) C220	Tetrachloroethene	7.53	166	31942	24.24	ng		90
51) C221	1,3-Dichloropropane	7.62	76	50843	24.89	ng		99
52) C155	Dibromochloromethane	7.86	129	20042	20.32	ng		91
53) C163	1,2-Dibromoethane	7.96	107	28099	23.61	ng		99
54) C215	2-Hexanone	7.70	43	182910	122.14	ng		97
55) C235	Chlorobenzene	8.44	112	86724	24.49	ng		87
56) C281	1,1,1,2-Tetrachloroe	8.53	131	22026	21.48	ng		94
57) C240	Ethylbenzene	8.53	91	150263	24.74	ng		96
58) C246	m,p-Xylene	8.65	106	118856	48.13	ng	#	84
59) C247	o-Xylene	9.08	106	54993	24.34	ng	#	75
60) C245	Styrene	9.11	104	91057	23.88	ng		91
63) C180	Bromoform	9.34	173	11727	30.78	ng		93
64) C966	Isopropylbenzene	9.46	105	135908	24.19	ng		93
65) C301	Bromobenzene	9.80	156	34367	23.83	ng	#	80
66) C225	1,1,2,2-Tetrachloroe	9.85	83	38544	23.64	ng		98
67) C282	1,2,3-Trichloropropa	9.89	110	14315	23.58	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	34936	114.37	ng	#	73
69) C302	n-Propylbenzene	9.89	91	187152	24.07	ng		93
70) C303	2-Chlorotoluene	9.99	126	33398	24.63	ng		100
71) C289	4-Chlorotoluene	10.10	126	34708	24.21	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	114663	24.15	ng	#	48
73) C306	tert-Butylbenzene	10.38	134	24898	24.33	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	120150	24.98	ng		97
75) C308	sec-Butylbenzene	10.60	105	138288	24.13	ng		91
76) C260	1,3-Dichlorobenzene	10.72	146	70786	23.34	ng		93
77) C309	4-Isopropyltoluene	10.74	119	130499	23.99	ng		95
78) C267	1,4-Dichlorobenzene	10.82	146	76359	23.98	ng		97
79) C249	1,2-Dichlorobenzene	11.16	146	68016	24.33	ng		92
80) C310	n-Butylbenzene	11.12	91	117903	24.37	ng		93
81) C286	1,2-Dibromo-3-Chloro	11.89	75	6085	22.60	ng		94
82) C313	1,2,4-Trichlorobenze	12.57	180	39704	23.91	ng		93
83) C316	Hexachlorobutadiene	12.69	225	22766	25.68	ng		90
84) C314	Naphthalene	12.79	128	106775	22.61	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	34749	23.56	ng		96

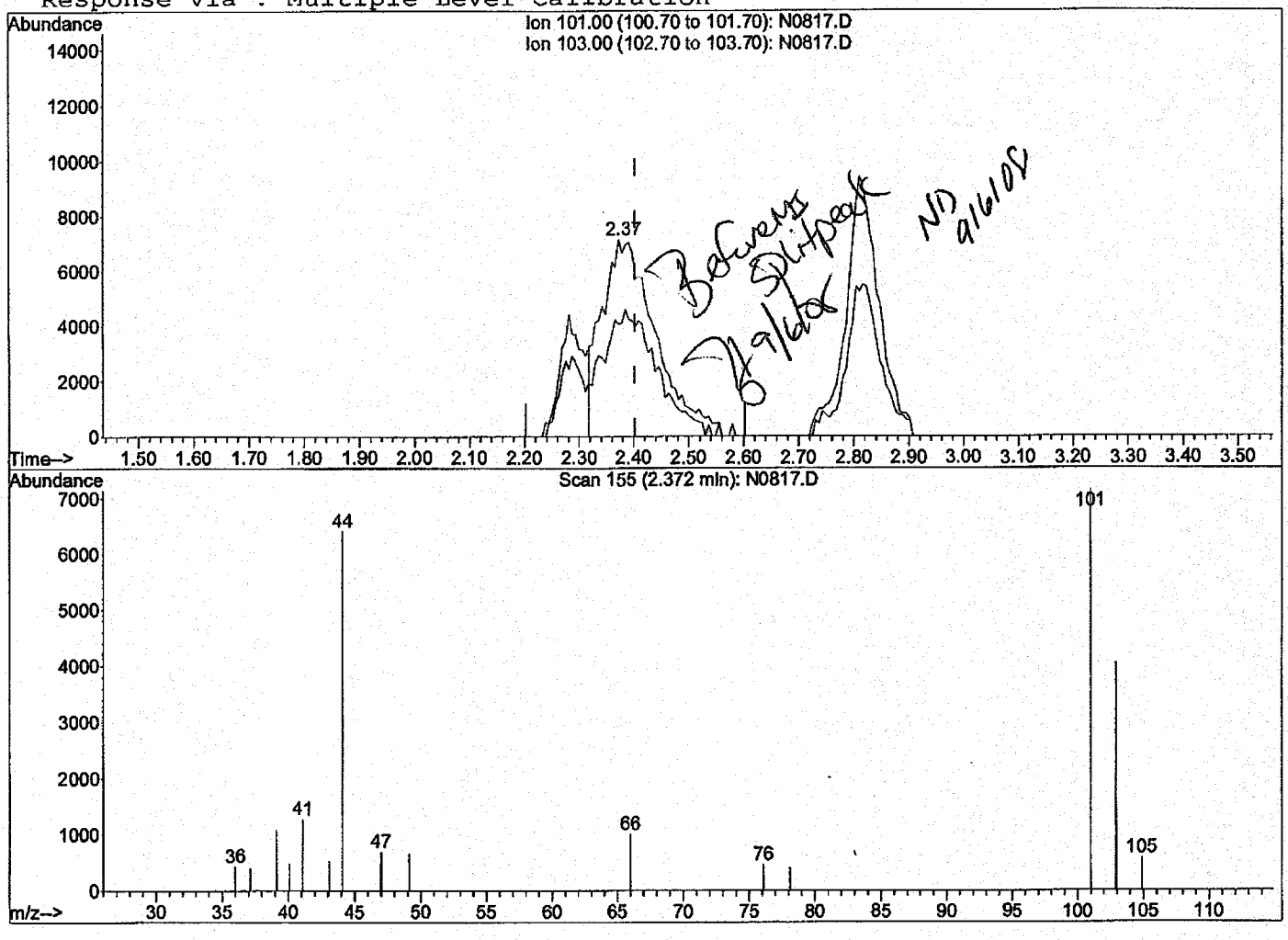
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0817.D
Acq On : 5 Sep 2008 16:17
Sample : VSTD005
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:57:08 2008

Vial: 4
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0817.D

(7) C275 Trichlorofluoromethane (T)

2.37min (-0.030) 20.73ng

response 48612

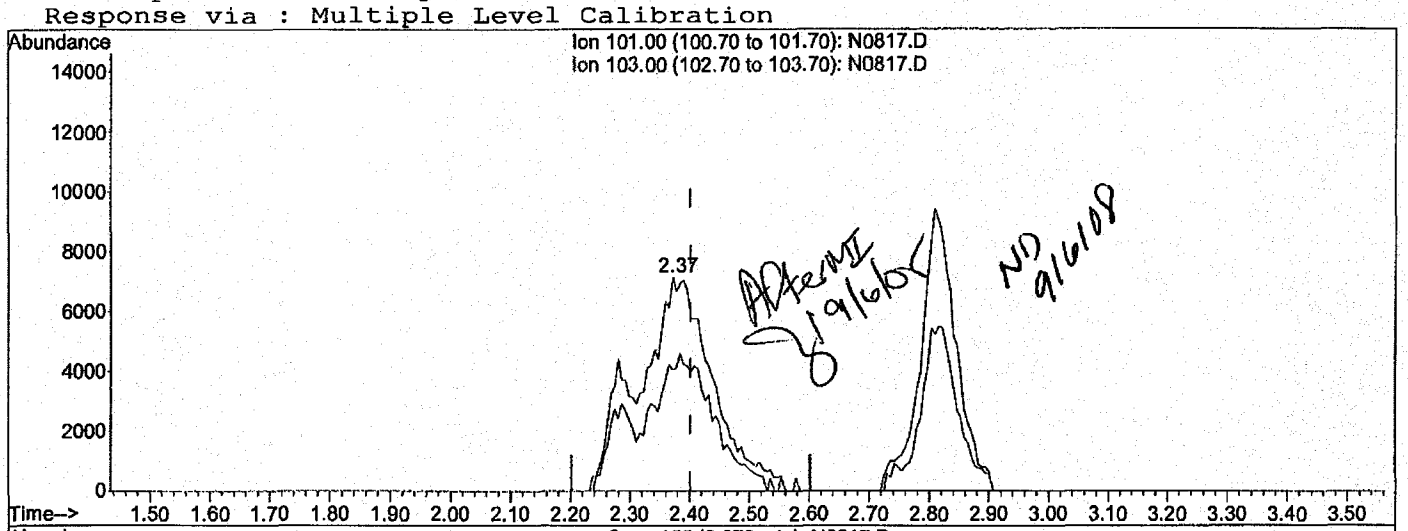
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	56.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0817.D
Acq On : 5 Sep 2008 16:17
Sample : VSTD005
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:57:08 2008

Vial: 4
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0817.D

(7) C275 Trichlorofluoromethane (T)

2.37min (-0.030) 26.43ng m

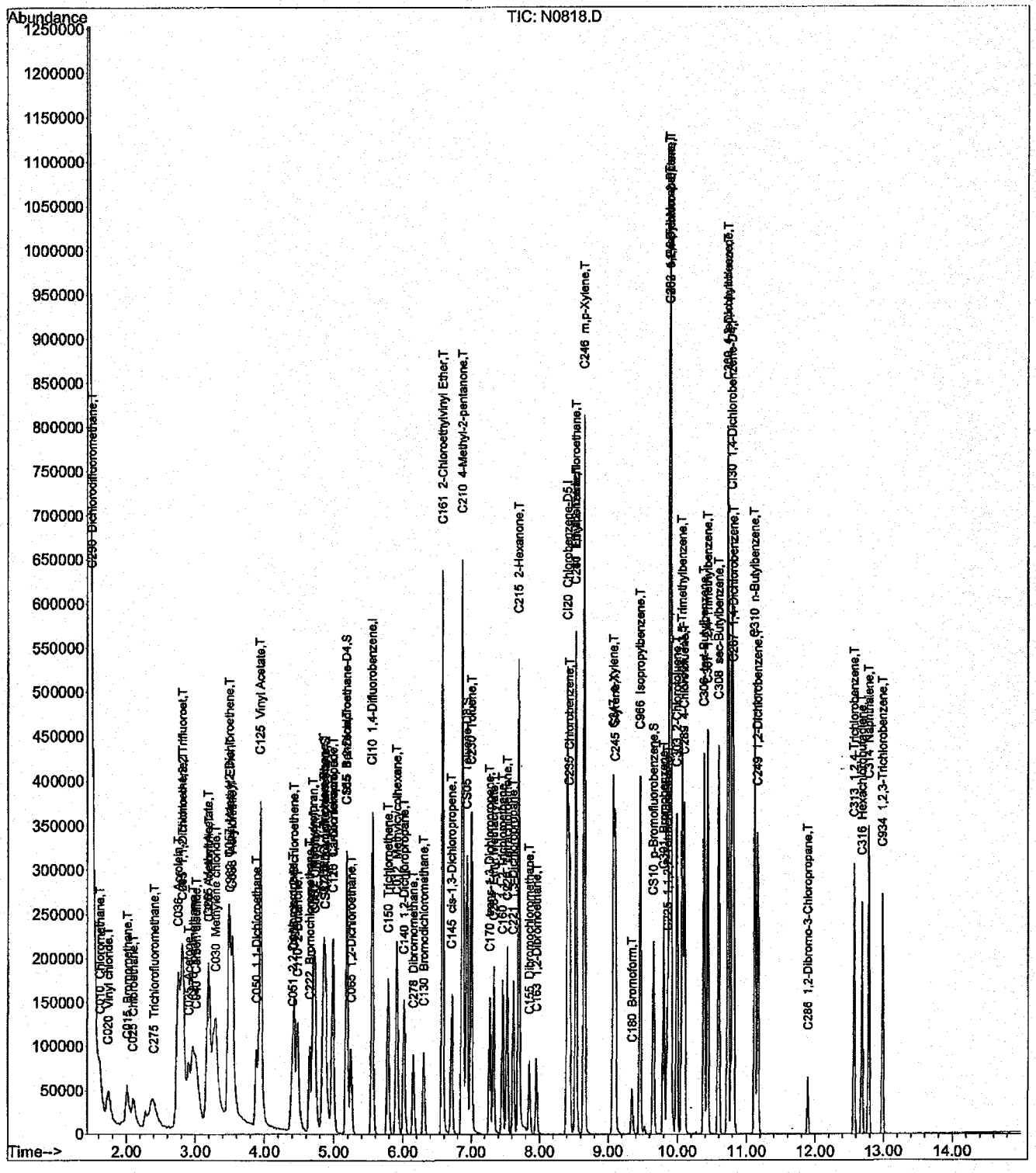
response 61975

Ion	Exp%	Act%
101.00	100	100
103.00	52.20	56.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0818.D Vial: 5
Acq On : 5 Sep 2008 16:41 Operator: RJ
Sample : VSTD010 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 10:58:27 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0818.D Vial: 5
Acq On : 5 Sep 2008 16:41 Operator: RJ
Sample : VSTD010 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:58:27 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

		Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.55	114	321900	125.00	ng		0.00 96.78%
43)	CI20	Chlorobenzene-D5	8.41	117	298754	125.00	ng		0.00 95.17%
62)	CI30	1,4-Dichlorobenzene-	10.79	152	167045	125.00	ng		0.00 94.03%
		System Monitoring Compounds							
30)	CS87	Dibromofluoromethane	4.88	111	50867	50.30	ng		0.00
		Spiked Amount 125.000	Range 70 - 130		Recovery = 40.24%#				
31)	CS15	1,2-Dichloroethane-D	5.18	65	65848	51.37	ng		0.00
		Spiked Amount 125.000	Range 66 - 137		Recovery = 41.10%#				
44)	CS05	Toluene-D8	6.93	98	211836	50.23	ng		0.00
		Spiked Amount 125.000	Range 71 - 126		Recovery = 40.18%#				
61)	CS10	p-Bromofluorobenzene	9.65	174	65406	50.61	ng		0.00
		Spiked Amount 125.000	Range 73 - 120		Recovery = 40.49%#				
		Target Compounds							Qvalue
2)	C290	Dichlorodifluorometh	1.51	85	35540	48.54	ng		87
3)	C010	Chloromethane	1.62	50	72898	50.34	ng		97
4)	C020	Vinyl chloride	1.74	62	70972	48.62	ng		86
5)	C015	Bromomethane	2.01	94	56946	51.51	ng		88
6)	C025	Chloroethane	2.10	64	53824	51.41	ng		92
7)	C275	Trichlorofluorometha	2.40	101	119697m	50.53	ng		83
8)	C045	1,1-Dichloroethene	2.82	96	74966	50.91	ng	#	78
9)	C030	Methylene chloride	3.30	84	94660	44.88	ng		93
10)	C040	Carbon disulfide	3.01	76	214691	49.93	ng		99
11)	C036	Acrolein	2.74	56	329984	1025.01	ng		98
12)	C038	Acrylonitrile	3.54	53	185549	286.12	ng		98
13)	C035	Acetone	2.91	43	153226	250.77	ng		99
14)	C300	Acetonitrile	3.20	41	370452	2298.51	ng		90
15)	C276	Iodomethane	2.97	142	138378	50.95	ng		90
16)	C291	1,1,2 Trichloro-1,2,	2.82	101	80446	53.79	ng		93
17)	C962	T-butyl Methyl Ether	3.51	73	225993	54.59	ng	#	86
18)	C057	trans-1,2-Dichloroet	3.49	96	75862	50.99	ng	#	85
19)	C255	Methyl Acetate	3.18	43	184981	49.12	ng	#	88
20)	C050	1,1-Dichloroethane	3.89	63	104823	49.34	ng		94
21)	C125	Vinyl Acetate	3.94	43	748859	254.14	ng	#	94
22)	C051	2,2-Dichloropropane	4.40	77	61844	49.58	ng		94
23)	C056	cis-1,2-Dichloroethe	4.43	96	63372	48.90	ng	#	87
24)	C272	Tetrahydrofuran	4.70	42	162553	260.60	ng	#	79
25)	C222	Bromochloromethane	4.65	128	31283	49.93	ng	#	76
26)	C060	Chloroform	4.73	83	101900	48.87	ng		99
27)	C115	1,1,1-Trichloroethan	4.85	97	75377	46.84	ng		99
28)	C120	Carbon tetrachloride	4.98	117	56287	45.16	ng		97
29)	C116	1,1-Dichloropropene	4.99	75	81551	49.73	ng		97
32)	C165	Benzene	5.19	78	249518	48.52	ng		97
33)	C065	1,2-Dichloroethane	5.25	62	85407	49.47	ng		90
34)	C110	2-Butanone	4.48	43	233059	253.15	ng		97
35)	C256	Cyclohexane	4.86	56	103924	50.80	ng		98
36)	C150	Trichloroethene	5.78	95	60751	48.87	ng		78
37)	C140	1,2-Dichloropropane	6.02	63	62758	50.72	ng		88
38)	C278	Dibromomethane	6.15	93	38676	49.67	ng		95

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0818.D Vial: 5
Acq On : 5 Sep 2008 16:41 Operator: RJ
Sample : VSTD010 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:58:27 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	63865	47.23 ng		92
40) C161	2-Chloroethylvinyl E	6.58	63	278473	253.21 ng		94
41) C012	Methylcycolhexane	5.91	83	102816	51.35 ng		95
42) C145	cis-1,3-Dichloroprop	6.71	75	88583	48.67 ng		95
45) C230	Toluene	7.00	92	164896	50.62 ng		100
46) C170	trans-1,3-Dichloropr	7.28	75	80293	48.03 ng		85
47) C284	Ethyl Methacrylate	7.33	69	100382	51.69 ng		93
48) C160	1,1,2-Trichloroethan	7.46	83	48742	50.63 ng		89
49) C210	4-Methyl-2-pentanone	6.87	43	515700	260.36 ng	#	95
50) C220	Tetrachloroethene	7.53	166	64938	48.39 ng		94
51) C221	1,3-Dichloropropane	7.62	76	104651	50.30 ng		98
52) C155	Dibromochloromethane	7.86	129	45873	45.66 ng		96
53) C163	1,2-Dibromoethane	7.96	107	60777	50.14 ng		99
54) C215	2-Hexanone	7.70	43	394455	258.59 ng		98
55) C235	Chlorobenzene	8.44	112	176886	49.04 ng		86
56) C281	1,1,1,2-Tetrachloroe	8.53	131	48178	46.13 ng		94
57) C240	Ethylbenzene	8.53	91	305889	49.45 ng		96
58) C246	m,p-Xylene	8.65	106	246635	98.04 ng	#	82
59) C247	o-Xylene	9.08	106	112996	49.10 ng	#	82
60) C245	Styrene	9.11	104	193190	49.74 ng		93
63) C180	Bromoform	9.35	173	27591	48.21 ng		95
64) C966	Isopropylbenzene	9.46	105	288484	49.54 ng		93
65) C301	Bromobenzene	9.81	156	72108	48.23 ng	#	72
66) C225	1,1,2,2-Tetrachloroe	9.85	83	84934	50.27 ng		98
67) C282	1,2,3-Trichloropropa	9.89	110	30949	49.18 ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	76070	240.27 ng		79
69) C302	n-Propylbenzene	9.89	91	398307	49.42 ng		92
70) C303	2-Chlorotoluene	9.99	126	69287	49.31 ng		100
71) C289	4-Chlorotoluene	10.10	126	72592	48.86 ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	244735	49.74 ng	#	40
73) C306	tert-Butylbenzene	10.38	134	50976	48.06 ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	245319	49.21 ng		98
75) C308	sec-Butylbenzene	10.60	105	298869	50.32 ng		95
76) C260	1,3-Dichlorobenzene	10.72	146	150274	47.81 ng		95
77) C309	4-Isopropyltoluene	10.74	119	275539	48.87 ng		95
78) C267	1,4-Dichlorobenzene	10.82	146	154235	46.74 ng		94
79) C249	1,2-Dichlorobenzene	11.17	146	138717	47.87 ng		92
80) C310	n-Butylbenzene	11.12	91	249983	49.86 ng		90
81) C286	1,2-Dibromo-3-Chloro	11.89	75	14545	52.12 ng		94
82) C313	1,2,4-Trichlorobenze	12.57	180	82794	48.10 ng		99
83) C316	Hexachlorobutadiene	12.69	225	44989	48.96 ng		92
84) C314	Naphthalene	12.79	128	240165	49.07 ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	74304	48.60 ng		95

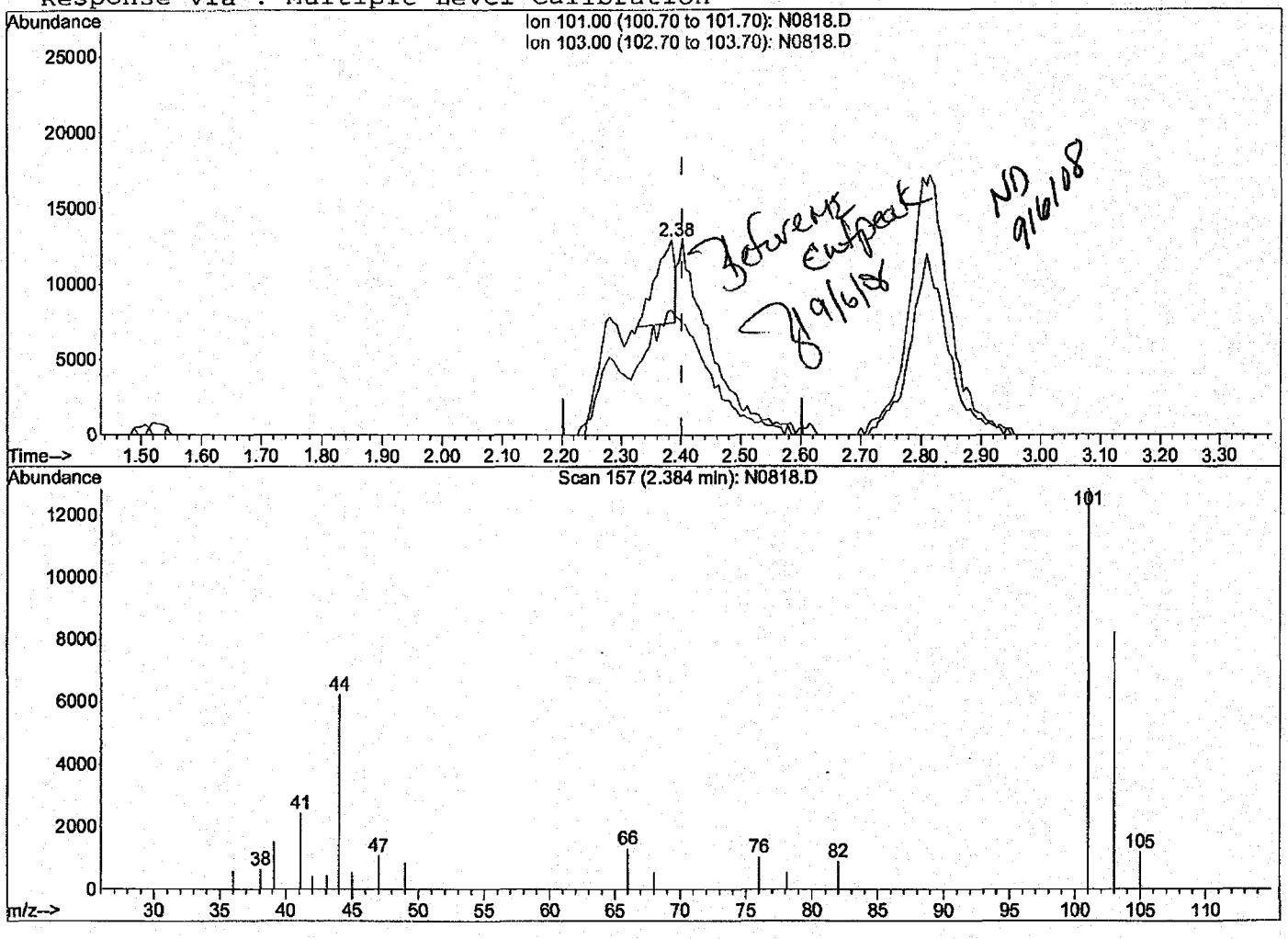
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0818.D
Acq On : 5 Sep 2008 16:41
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:58:08 2008

Vial: 5
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0818.D

(7) C275 Trichlorofluoromethane (T)

2.38min (-0.018) 5.14ng

response 12175

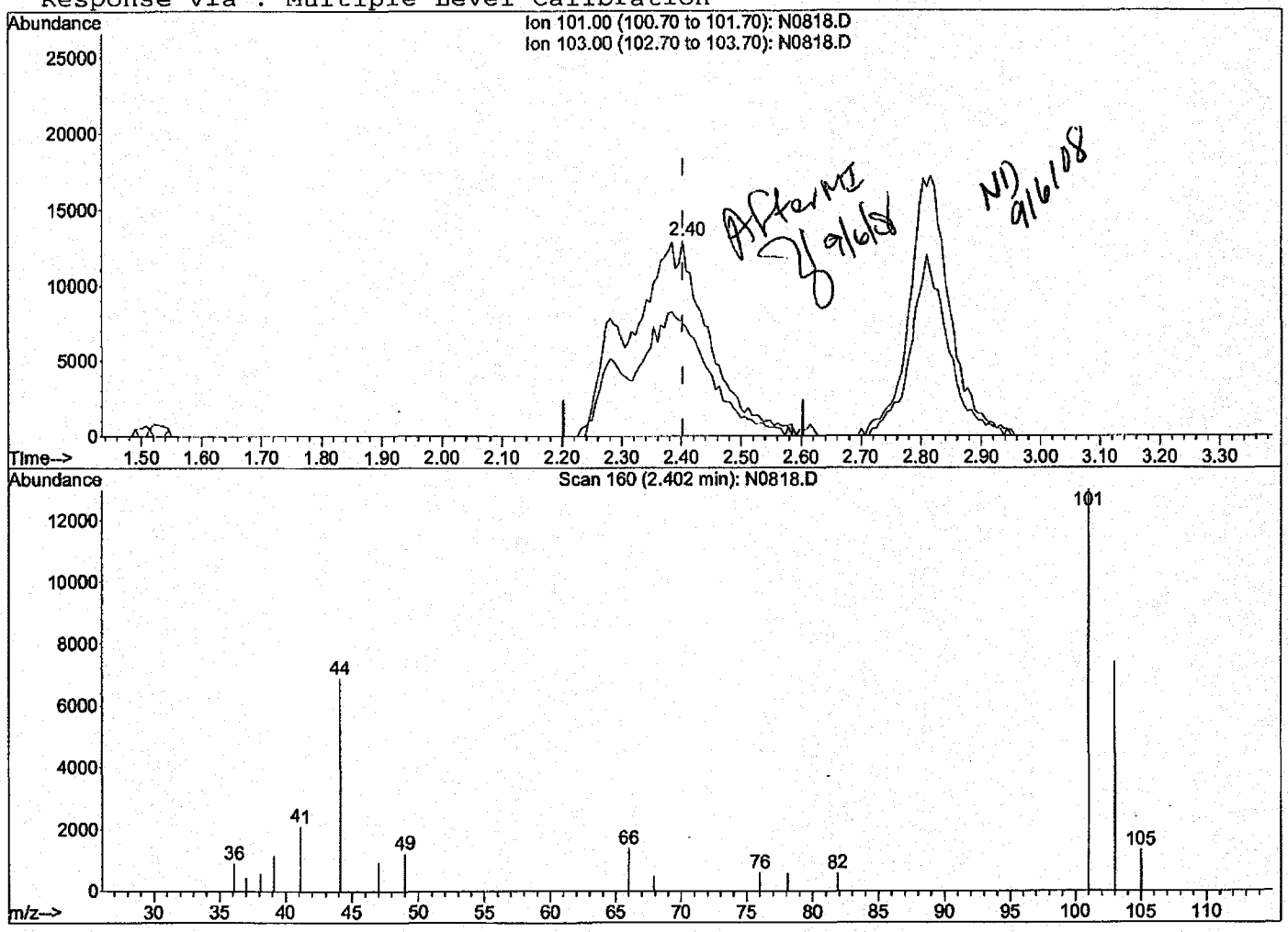
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	64.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0818.D
Acq On : 5 Sep 2008 16:41
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:58:08 2008

Vial: 5
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0818.D

(7) C275 Trichlorofluoromethane (T)

2.40min (-0.000) 50.53ng m

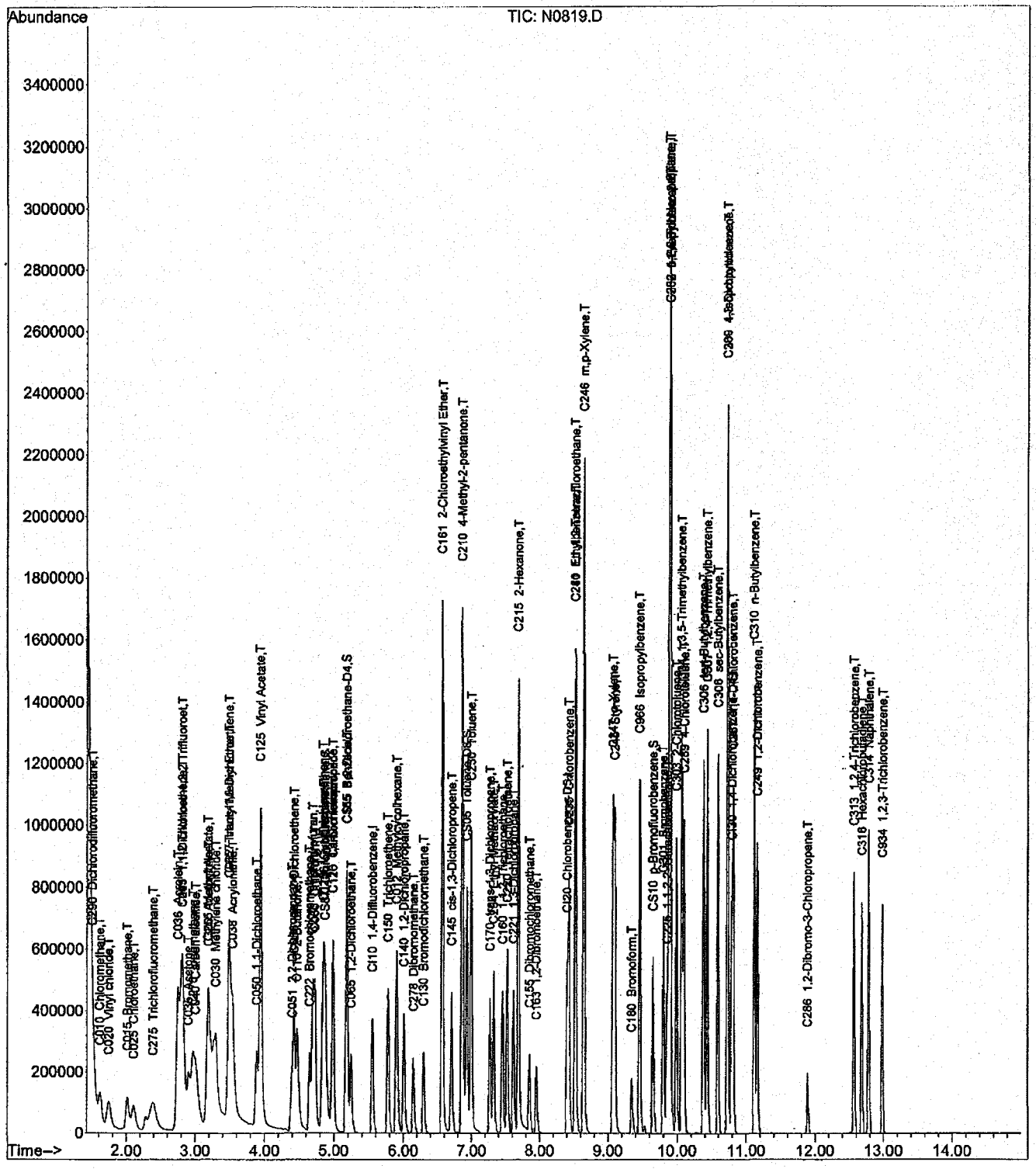
response 119697

Ion	Exp%	Act%
101.00	100	100
103.00	52.20	57.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0819.D Vial: 6
Acq On : 5 Sep 2008 17:05 Operator: RJ
Sample : VSTD025 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 10:39:08 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:38:27 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0819.D Vial: 6
Acq On : 5 Sep 2008 17:05 Operator: RJ
Sample : VSTD025 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:39:08 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:38:27 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.56	114	332618	125.00	ng	0.00 100.00%
43) CI20	Chlorobenzene-D5	8.41	117	313918	125.00	ng	0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	10.79	152	177646	125.00	ng	0.00 100.00%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	128640	123.10	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	98.48%	
31) CS15	1,2-Dichloroethane-D	5.18	65	156196	117.93	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	94.34%	
44) CS05	Toluene-D8	6.93	98	539753	121.81	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	97.45%	
61) CS10	p-Bromofluorobenzene	9.65	174	161637	119.04	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	95.23%	

Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.52	85	106915	141.32	ng		98
3) C010	Chloromethane	1.62	50	182824	122.19	ng		95
4) C020	Vinyl chloride	1.76	62	186687	123.76	ng		90
5) C015	Bromomethane	2.03	94	141631	123.98	ng		99
6) C025	Chloroethane	2.11	64	139070	128.55	ng		92
7) C275	Trichlorofluorometha	2.40	101	318288m	130.05	ng		87
8) C045	1,1-Dichloroethene	2.82	96	196716	129.28	ng	#	86
9) C030	Methylene chloride	3.30	84	220337	132.48	ng		93
10) C040	Carbon disulfide	3.02	76	591851	133.20	ng		99
11) C036	Acrolein	2.75	56	868758	2611.62	ng		98
12) C038	Acrylonitrile	3.55	53	436209	650.96	ng		100
13) C035	Acetone	2.91	43	409348	648.35	ng		92
14) C300	Acetonitrile	3.21	41	965968	5800.34	ng		99
15) C276	Iodomethane	2.97	142	364559	129.91	ng		91
16) C291	1,1,2 Trichloro-1,2,	2.81	101	203521	131.70	ng		91
17) C962	T-butyl Methyl Ether	3.50	73	563479	131.73	ng	#	86
18) C057	trans-1,2-Dichloroet	3.49	96	197844	128.70	ng	#	81
19) C255	Methyl Acetate	3.19	43	447185	114.93	ng	#	85
20) C050	1,1-Dichloroethane	3.89	63	277651	126.47	ng		98
21) C125	Vinyl Acetate	3.95	43	2039927	669.97	ng	#	94
22) C051	2,2-Dichloropropane	4.40	77	176040	136.58	ng		98
23) C056	cis-1,2-Dichloroethe	4.43	96	169085	126.26	ng	#	86
24) C272	Tetrahydrofuran	4.70	42	420586	652.54	ng	#	79
25) C222	Bromochloromethane	4.66	128	84043	129.82	ng	#	73
26) C060	Chloroform	4.73	83	272364	126.42	ng		96
27) C115	1,1,1-Trichloroethan	4.85	97	221092	132.96	ng		95
28) C120	Carbon tetrachloride	4.99	117	175231	136.07	ng		97
29) C116	1,1-Dichloropropene	4.99	75	223060	131.65	ng		99
32) C165	Benzene	5.19	78	667780	125.67	ng		100
33) C065	1,2-Dichloroethane	5.25	62	223080	125.06	ng		91
34) C110	2-Butanone	4.48	43	606617	637.69	ng		96
35) C256	Cyclohexane	4.87	56	286425	135.50	ng		99
36) C150	Trichloroethene	5.78	95	163233	127.07	ng		84
37) C140	1,2-Dichloropropane	6.02	63	161965	126.67	ng		89
38) C278	Dibromomethane	6.16	93	102954	127.96	ng		95

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0819.D Vial: 6
Acq On : 5 Sep 2008 17:05 Operator: RJ
Sample : VSTD025 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:39:08 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:38:27 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	179259	128.30	ng		95
40) C161	2-Chloroethylvinyl E	6.58	63	741899	652.85	ng		93
41) C012	Methylcycolhexane	5.91	83	279882	135.27	ng		93
42) C145	cis-1,3-Dichloroprop	6.72	75	252538	134.29	ng		93
45) C230	Toluene	7.00	92	434815	127.04	ng		95
46) C170	trans-1,3-Dichloropr	7.28	75	235009	133.79	ng		86
47) C284	Ethyl Methacrylate	7.33	69	281991	138.18	ng		93
48) C160	1,1,2-Trichloroethan	7.46	83	128963	127.50	ng		89
49) C210	4-Methyl-2-pentanone	6.87	43	1349108	648.21	ng		95
50) C220	Tetrachloroethene	7.53	166	178158	126.34	ng		94
51) C221	1,3-Dichloropropane	7.62	76	277152	126.78	ng		99
52) C155	Dibromochloromethane	7.86	129	141831	134.36	ng		96
53) C163	1,2-Dibromoethane	7.96	107	162770	127.79	ng		99
54) C215	2-Hexanone	7.70	43	1048920	654.42	ng		97
55) C235	Chlorobenzene	8.44	112	472927	124.79	ng		86
56) C281	1,1,1,2-Tetrachloroe	8.53	131	146900	133.87	ng		95
57) C240	Ethylbenzene	8.53	91	842878	129.67	ng		94
58) C246	m,p-Xylene	8.65	106	686232	259.61	ng	#	82
59) C247	o-Xylene	9.08	106	318652	131.78	ng	#	74
60) C245	Styrene	9.11	104	540776	132.50	ng		93
63) C180	Bromoform	9.35	173	90575	113.21	ng		99
64) C966	Isopropylbenzene	9.46	105	810258	130.85	ng		92
65) C301	Bromobenzene	9.80	156	201821	126.95	ng	#	77
66) C225	1,1,2,2-Tetrachloroe	9.85	83	233200	129.79	ng		97
67) C282	1,2,3-Trichloropropa	9.89	110	84357	126.06	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	210903	626.39	ng		89
69) C302	n-Propylbenzene	9.89	91	1129152	131.75	ng		90
70) C303	2-Chlorotoluene	9.99	126	192467	128.80	ng		100
71) C289	4-Chlorotoluene	10.10	126	203616	128.86	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	682111	130.35	ng	#	41
73) C306	tert-Butylbenzene	10.38	134	150123	133.08	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	686147	129.43	ng		96
75) C308	sec-Butylbenzene	10.60	105	842446	133.37	ng		93
76) C260	1,3-Dichlorobenzene	10.73	146	420358	125.76	ng		93
77) C309	4-Isopropyltoluene	10.74	119	800087	133.43	ng		96
78) C267	1,4-Dichlorobenzene	10.82	146	416124	118.57	ng		97
79) C249	1,2-Dichlorobenzene	11.17	146	382076	123.98	ng		93
80) C310	n-Butylbenzene	11.12	91	713543	133.82	ng		89
81) C286	1,2-Dibromo-3-Chloro	11.89	75	41867	141.08	ng	#	80
82) C313	1,2,4-Trichlorobenze	12.57	180	235972	128.90	ng		99
83) C316	Hexachlorobutadiene	12.69	225	124455	127.36	ng		93
84) C314	Naphthalene	12.79	128	676292	129.94	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	200274	123.19	ng		98

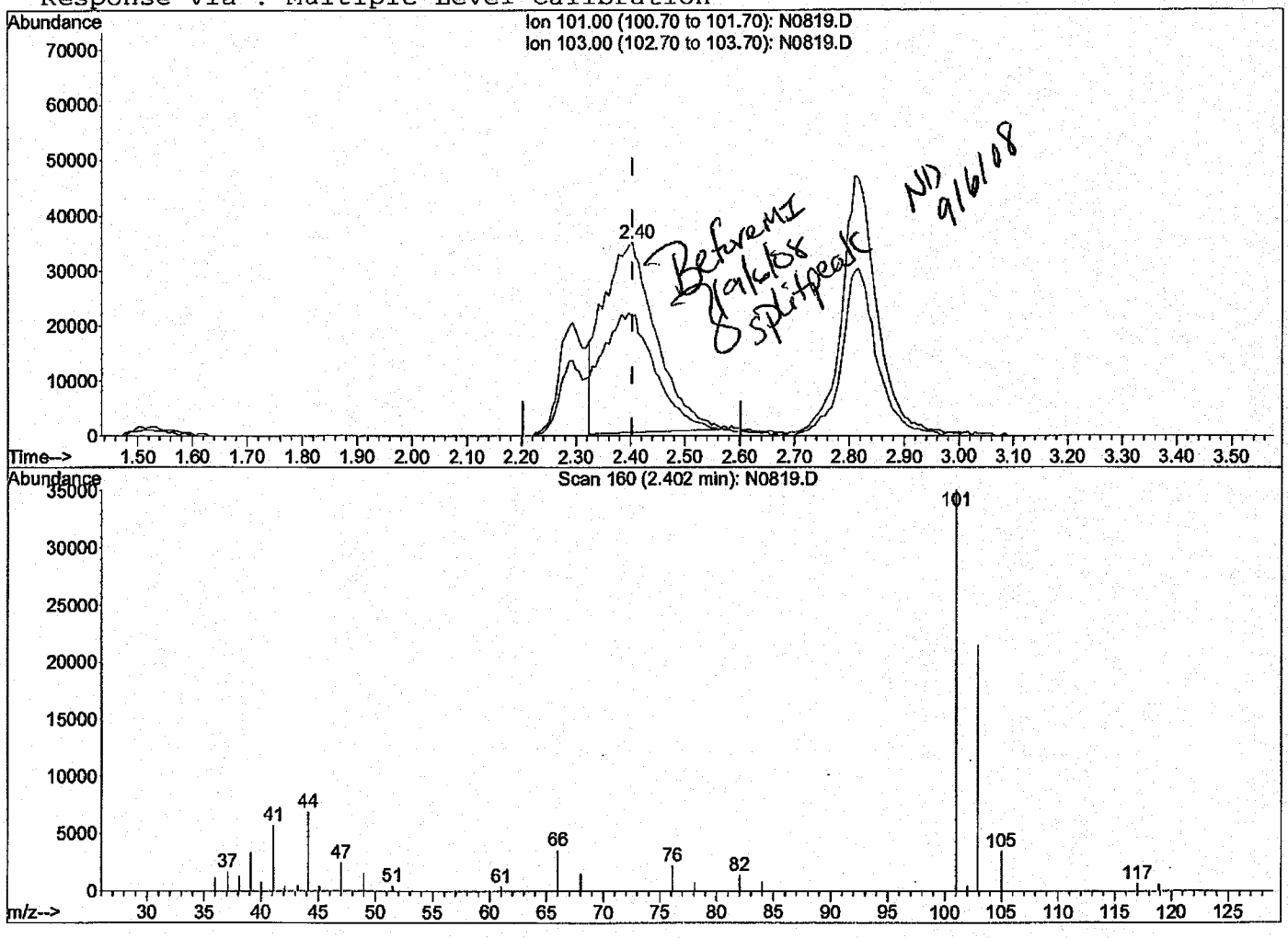
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0819.D
Acq On : 5 Sep 2008 17:05
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:38:42 2008

Vial: 6
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:38:27 2008
Response via : Multiple Level Calibration



TIC: N0819.D

(7) C275 Trichlorofluoromethane (T)

2.40min (0.000) 95.96ng

response 234858

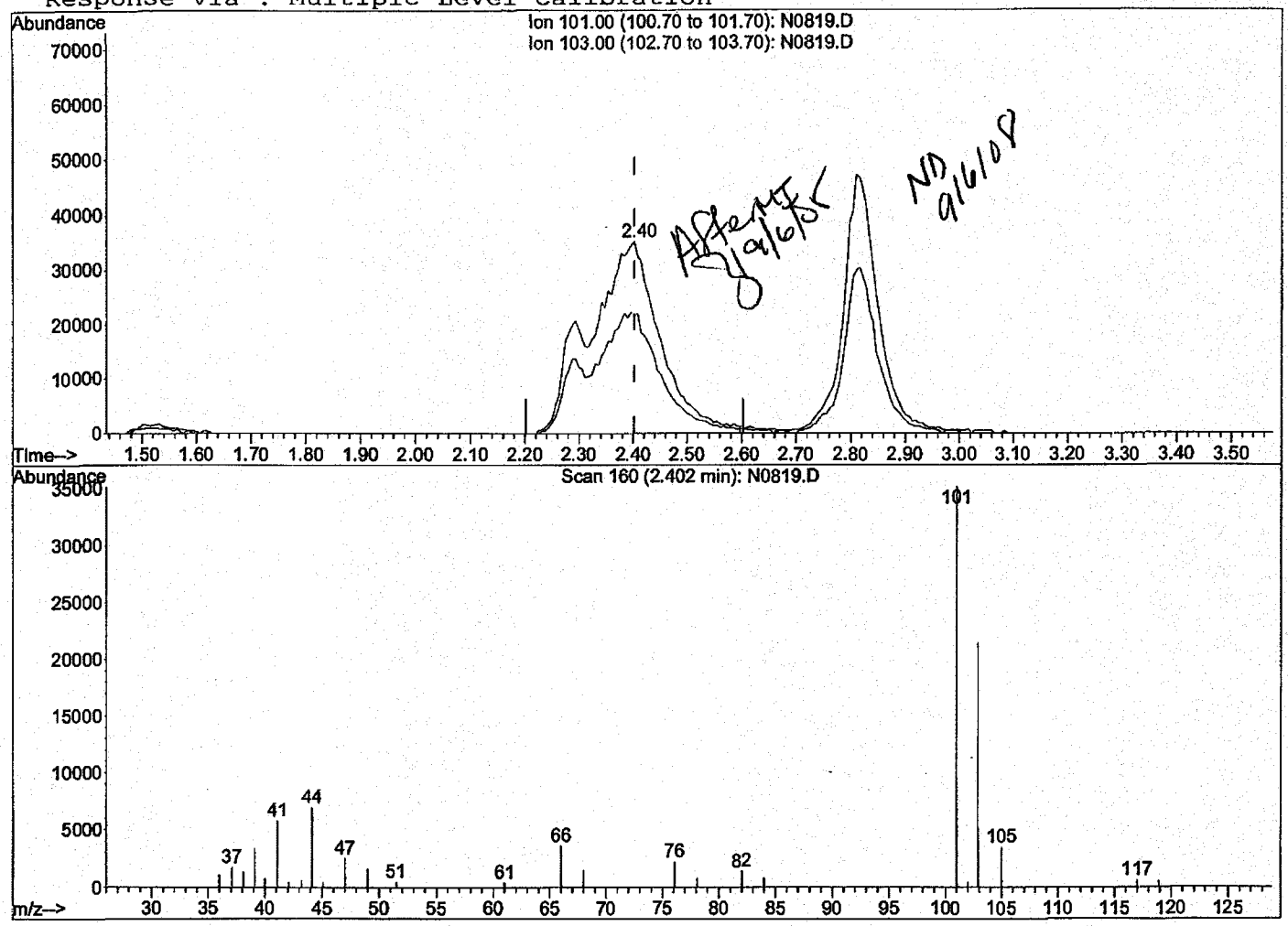
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	61.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0819.D
Acq On : 5 Sep 2008 17:05
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 10:38:42 2008

Vial: 6
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:38:27 2008
Response via : Multiple Level Calibration



TIC: N0819.D

(7) C275 Trichlorofluoromethane (T)

2.40min (0.000) 130.05ng m

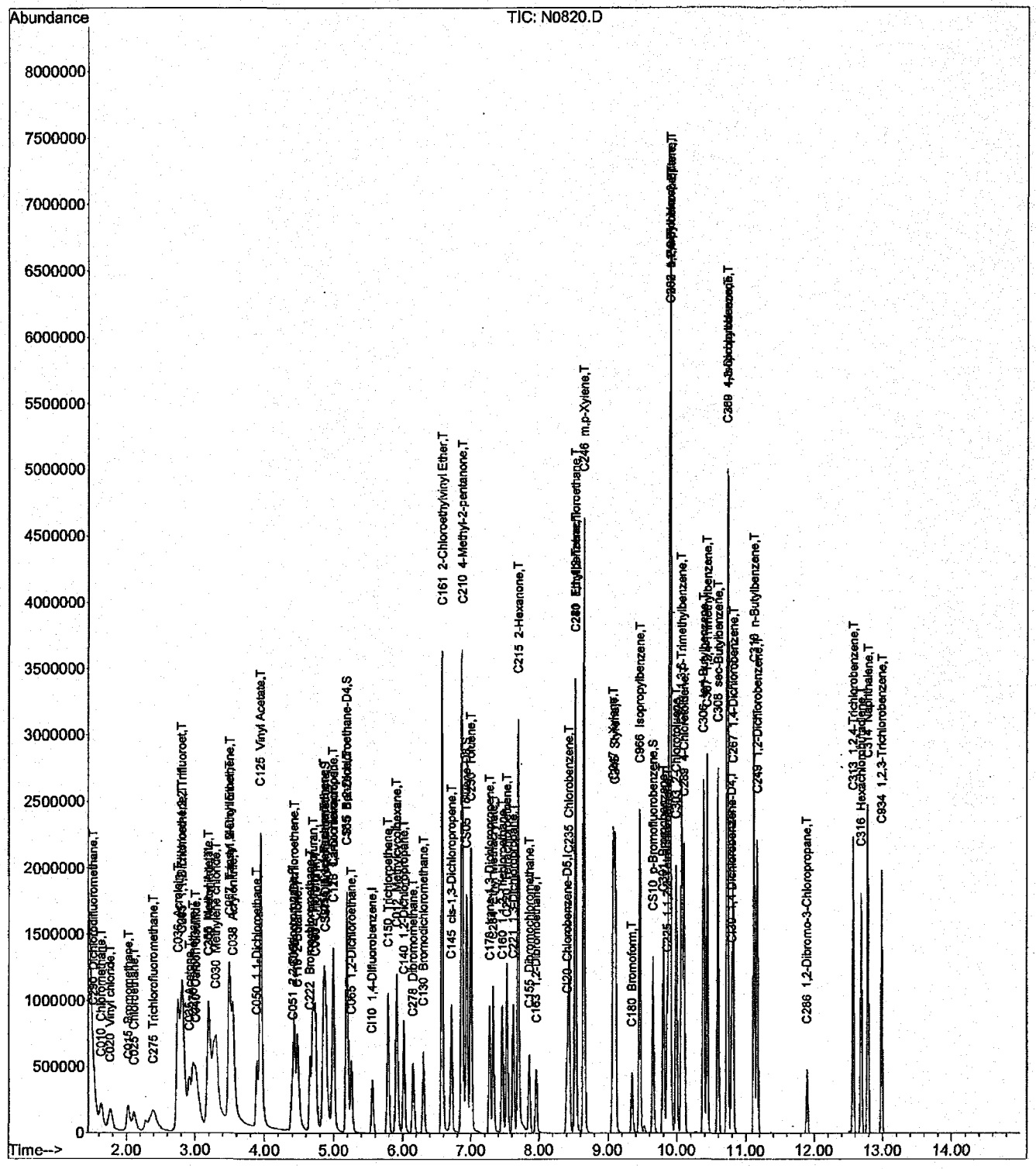
response 318288

Ion	Exp%	Act%
101.00	100	100
103.00	52.20	61.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0820.D Vial: 7
Acq On : 5 Sep 2008 17:29 Operator: RJ
Sample : VSTD050 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 11:01:19 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0820.D Vial: 7
Acq On : 5 Sep 2008 17:29 Operator: RJ
Sample : VSTD050 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:01:19 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	359562	125.00	ng	0.00 108.10%
43) CI20	Chlorobenzene-D5	8.41	117	337437	125.00	ng	0.00 107.49%
62) CI30	1,4-Dichlorobenzene-	10.79	152	197852	125.00	ng	0.00 111.37%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	292465	258.89	ng	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		207.11%#
31) CS15	1,2-Dichloroethane-D	5.18	65	342414	239.14	ng	0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =		191.31%#
44) CS05	Toluene-D8	6.93	98	1210394	254.12	ng	0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =		203.30%#
61) CS10	p-Bromofluorobenzene	9.65	174	382694	262.20	ng	0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =		209.76%#
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.51	85	213050	260.51	ng	99
3) C010	Chloromethane	1.62	50	363555	224.77	ng	98
4) C020	Vinyl chloride	1.76	62	375460	230.25	ng	94
5) C015	Bromomethane	2.02	94	261710	211.93	ng	97
6) C025	Chloroethane	2.10	64	240428	205.58	ng	97
7) C275	Trichlorofluorometha	2.39	101	586398m	221.64	ng	81
8) C045	1,1-Dichloroethene	2.81	96	402999	245.00	ng	# 84
9) C030	Methylene chloride	3.30	84	440753	187.08	ng	99
10) C040	Carbon disulfide	3.01	76	1214615	252.88	ng	100
11) C036	Acrolein	2.75	56	1794749	4990.99	ng	100
12) C038	Acrylonitrile	3.54	53	907316	1252.53	ng	99
13) C035	Acetone	2.91	43	869939	1274.62	ng	93
14) C300	Acetonitrile	3.20	41	2230619	12390.47	ng	99
15) C276	Iodomethane	2.97	142	724134	238.71	ng	93
16) C291	1,1,2 Trichloro-1,2,	2.80	101	406542	243.36	ng	93
17) C962	T-butyl Methyl Ether	3.50	73	1060646	229.38	ng	# 86
18) C057	trans-1,2-Dichloroet	3.49	96	387317	233.08	ng	# 83
19) C255	Methyl Acetate	3.18	43	936849	222.73	ng	# 87
20) C050	1,1-Dichloroethane	3.89	63	573888	241.82	ng	96
21) C125	Vinyl Acetate	3.94	43	4307209	1308.61	ng	# 93
22) C051	2,2-Dichloropropane	4.40	77	374081	268.47	ng	100
23) C056	cis-1,2-Dichloroethe	4.42	96	361899	249.98	ng	# 86
24) C272	Tetrahydrofuran	4.70	42	854755	1226.79	ng	# 78
25) C222	Bromochloromethane	4.65	128	178246	254.71	ng	# 72
26) C060	Chloroform	4.73	83	568270	243.99	ng	100
27) C115	1,1,1-Trichloroethan	4.85	97	480500	267.32	ng	94
28) C120	Carbon tetrachloride	4.98	117	400412	287.63	ng	98
29) C116	1,1-Dichloropropene	4.99	75	459755	251.01	ng	98
32) C165	Benzene	5.19	78	1400176	243.75	ng	100
33) C065	1,2-Dichloroethane	5.25	62	456031	236.49	ng	90
34) C110	2-Butanone	4.47	43	1261952	1227.18	ng	94
35) C256	Cyclohexane	4.86	56	581509	254.49	ng	100
36) C150	Trichloroethene	5.78	95	346551	249.56	ng	81
37) C140	1,2-Dichloropropane	6.02	63	335752	242.91	ng	89
38) C278	Dibromomethane	6.15	93	216746	249.20	ng	98

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0820.D Vial: 7
Acq On : 5 Sep 2008 17:29 Operator: RJ
Sample : VSTD050 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:01:19 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	401663	265.93	ng		98
40) C161	2-Chloroethylviny1 E	6.58	63	1555392	1266.13	ng		94
41) C012	Methylcycolhexane	5.91	83	576229	257.62	ng		92
42) C145	cis-1,3-Dichloroprop	6.72	75	546919	269.03	ng		92
45) C230	Toluene	7.00	92	913062	248.17	ng		94
46) C170	trans-1,3-Dichloropr	7.28	75	524821	277.96	ng		85
47) C284	Ethyl Methacrylate	7.33	69	600316	273.66	ng		93
48) C160	1,1,2-Trichloroethan	7.46	83	268567	247.00	ng		84
49) C210	4-Methyl-2-pentanone	6.87	43	2826270	1263.31	ng		95
50) C220	Tetrachloroethene	7.53	166	381041	251.37	ng		94
51) C221	1,3-Dichloropropane	7.62	76	579638	246.67	ng		99
52) C155	Dibromochloromethane	7.86	129	329285	290.20	ng		99
53) C163	1,2-Dibromoethane	7.96	107	362250	264.57	ng		99
54) C215	2-Hexanone	7.70	43	2214738	1285.47	ng		98
55) C235	Chlorobenzene	8.44	112	1008905	247.67	ng		83
56) C281	1,1,1,2-Tetrachloroe	8.53	131	339322	287.68	ng		95
57) C240	Ethylbenzene	8.53	91	1792329	256.52	ng		94
58) C246	m,p-Xylene	8.65	106	1464692	515.50	ng	#	80
59) C247	o-Xylene	9.08	106	686531	264.14	ng	#	76
60) C245	Styrene	9.11	104	1175713	268.00	ng		91
63) C180	Bromoform	9.35	173	224685	231.22	ng		99
64) C966	Isopropylbenzene	9.46	105	1739185	252.17	ng		91
65) C301	Bromobenzene	9.81	156	444061	250.79	ng	#	70
66) C225	1,1,2,2-Tetrachloroe	9.85	83	503421	251.57	ng		97
67) C282	1,2,3-Trichloropropa	9.89	110	188187	252.50	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	483365	1289.00	ng		89
69) C302	n-Propylbenzene	9.89	91	2459097	257.62	ng		87
70) C303	2-Chlorotoluene	9.99	126	412918	248.11	ng		100
71) C289	4-Chlorotoluene	10.10	126	435814	247.65	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	1485463	254.88	ng	#	44
73) C306	tert-Butylbenzene	10.38	134	330089	262.74	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	1499523	253.97	ng		96
75) C308	sec-Butylbenzene	10.60	105	1819897	258.70	ng		91
76) C260	1,3-Dichlorobenzene	10.73	146	944276	253.65	ng		94
77) C309	4-Isopropyltoluene	10.74	119	1779264	266.43	ng		96
78) C267	1,4-Dichlorobenzene	10.82	146	931975	238.43	ng		97
79) C249	1,2-Dichlorobenzene	11.17	146	872142	254.09	ng		93
80) C310	n-Butylbenzene	11.12	91	1570871	264.52	ng		89
81) C286	1,2-Dibromo-3-Chloro	11.89	75	101012	305.61	ng	#	78
82) C313	1,2,4-Trichlorobenze	12.57	180	593555	291.13	ng		97
83) C316	Hexachlorobutadiene	12.69	225	294013	270.14	ng		97
84) C314	Naphthalene	12.79	128	1730735	298.57	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	539827	298.13	ng		97

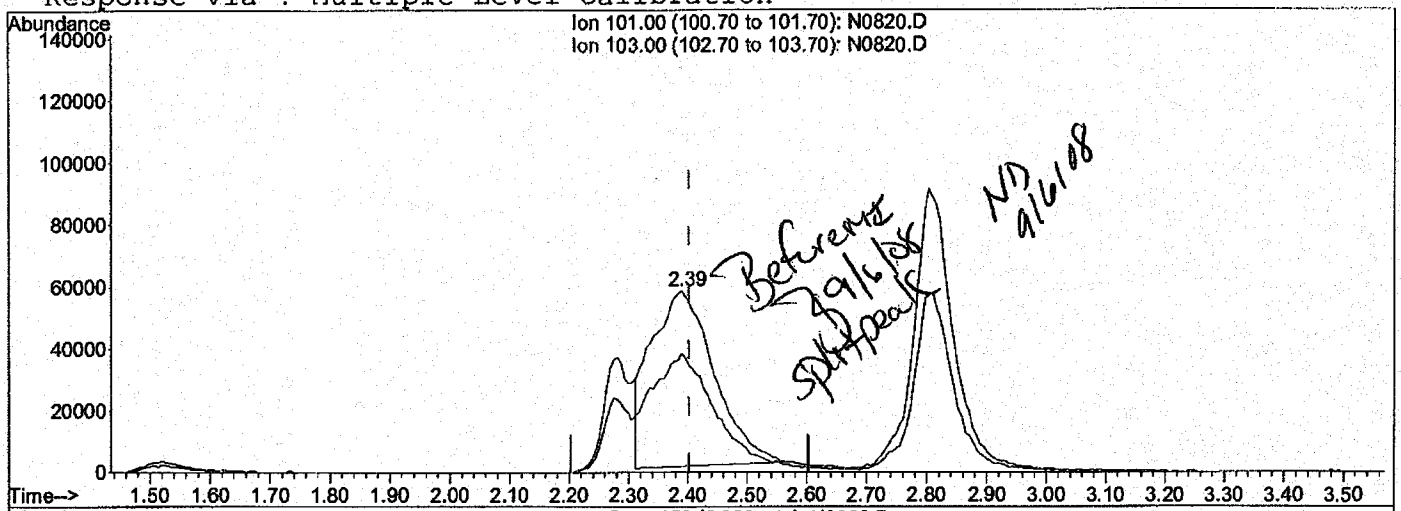
(#) = qualifier out of range (m) = manual integration (+) = signals summed

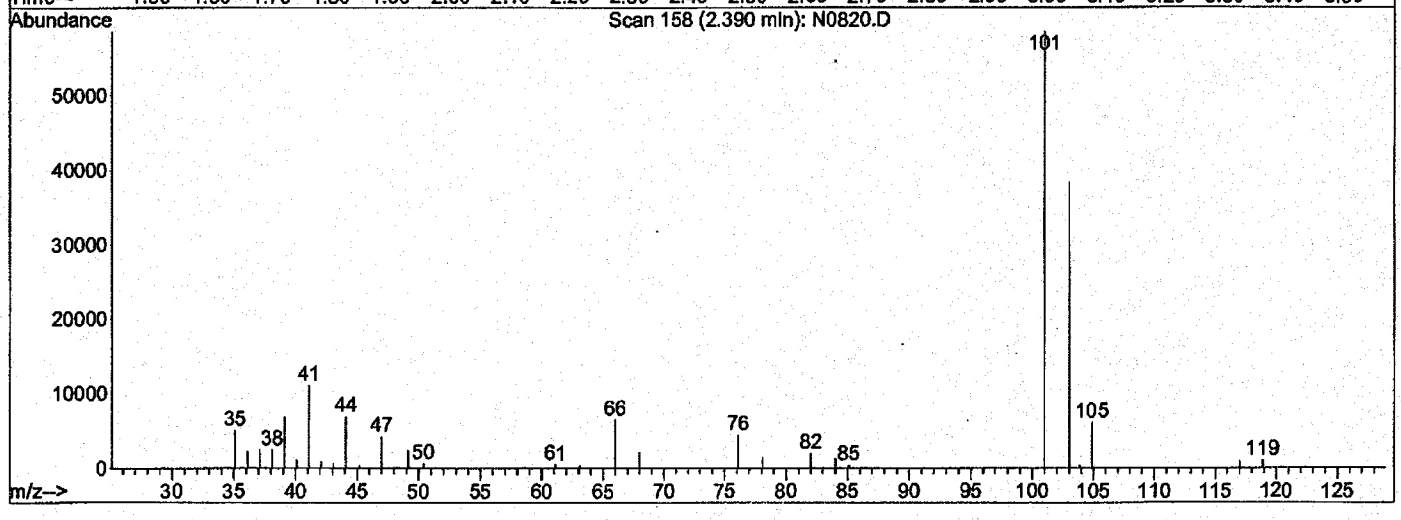
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0820.D
Acq On : 5 Sep 2008 17:29
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:00:59 2008

Vial: 7
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration





TIC: N0820.D

(7) C275 Trichlorofluoromethane (T)

2.39min (-0.012) 159.88ng

response 423003

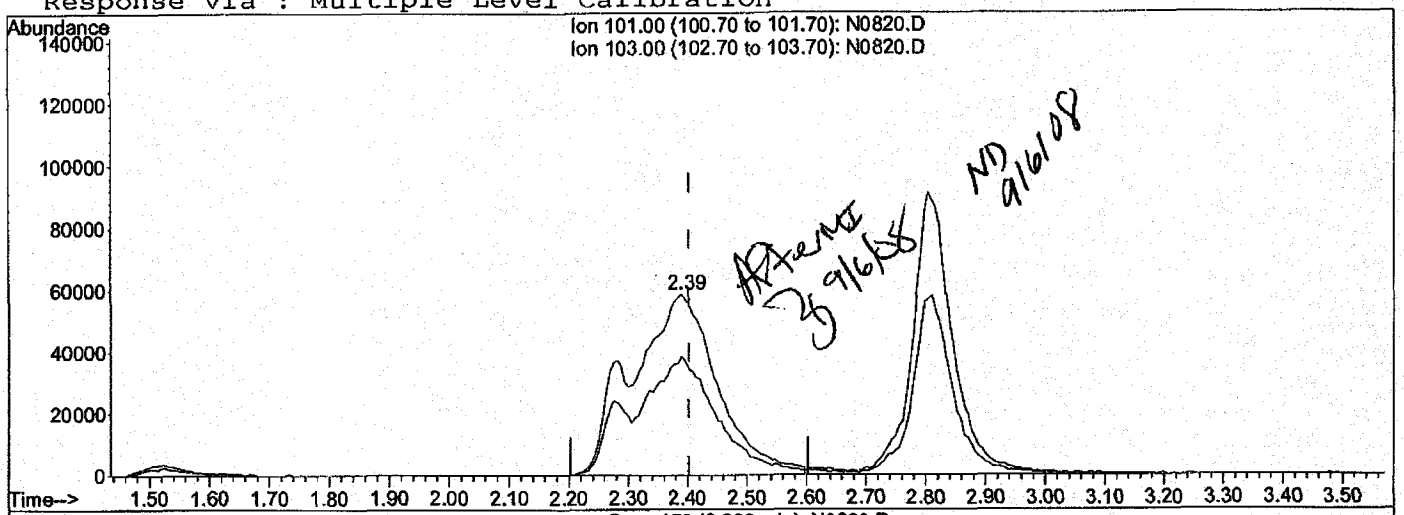
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	65.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0820.D
Acq On : 5 Sep 2008 17:29
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:00:59 2008

Vial: 7
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0820.D

(7) C275 Trichlorofluoromethane (T)

2.39min (-0.012) 221.64ng m

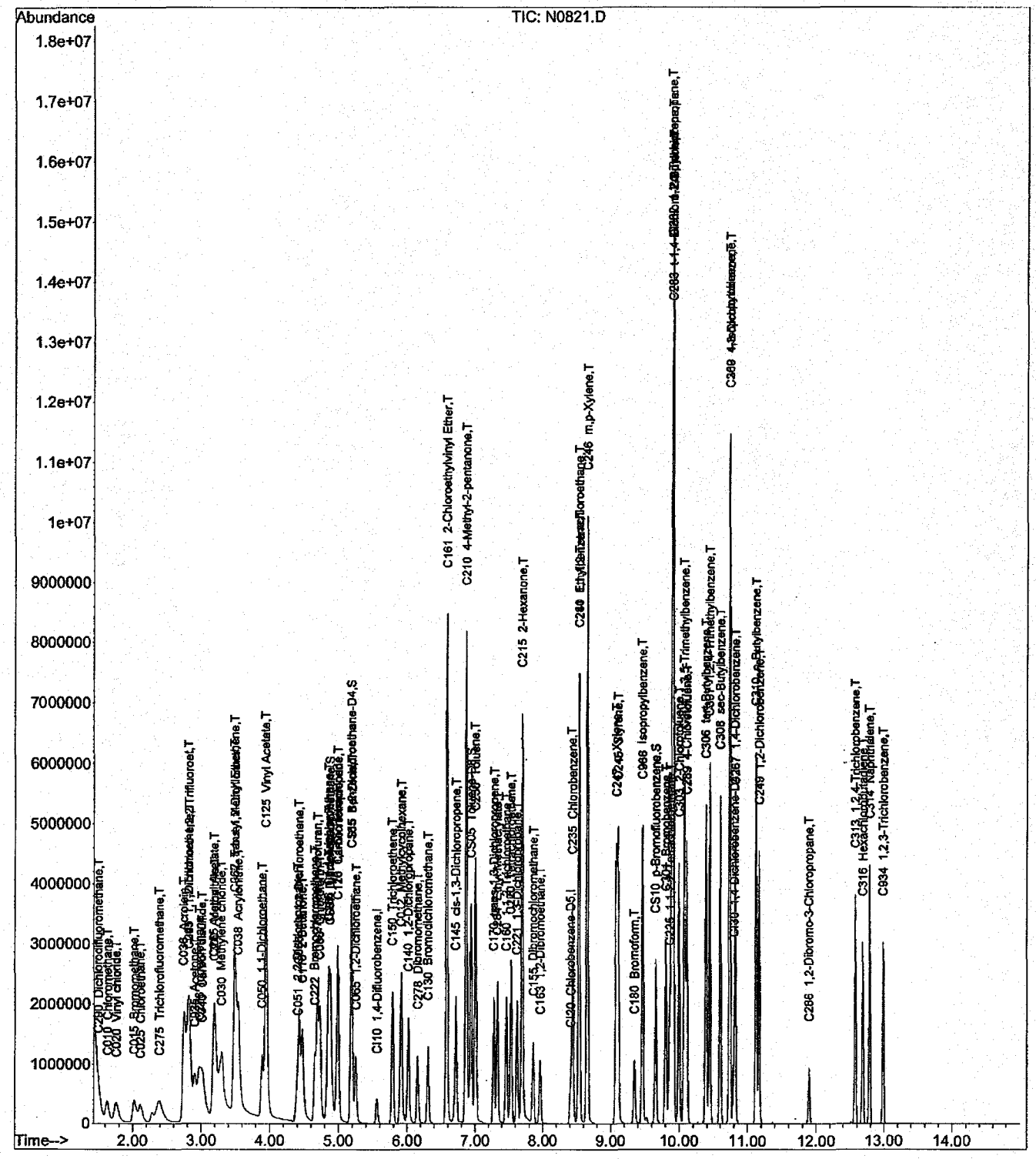
response 586398

Ion	Exp%	Act%
101.00	100	100
103.00	52.20	65.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0821.D Vial: 8
Acq On : 5 Sep 2008 17:53 Operator: RJ
Sample : VSTD100 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 11:01:55 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0821.D Vial: 8
Acq On : 5 Sep 2008 17:53 Operator: RJ
Sample : VSTD100 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:01:55 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.56	114	373332	125.00	ng		0.00
								112.24%
43) CI20	Chlorobenzene-D5	8.41	117	357785	125.00	ng		0.00
								113.97%
62) CI30	1,4-Dichlorobenzene-	10.80	152	201611	125.00	ng		0.00
								113.49%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.88	111	622311	530.55	ng		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		424.44%#	
31) CS15	1,2-Dichloroethane-D	5.18	65	725909	488.28	ng		0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =		390.62%#	
44) CS05	Toluene-D8	6.94	98	2513080	497.62	ng		0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =		398.10%#	
61) CS10	p-Bromofluorobenzene	9.65	174	818107	528.64	ng		0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =		422.91%#	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.51	85	439200	517.24	ng		96
3) C010	Chloromethane	1.63	50	735012	437.67	ng		97
4) C020	Vinyl chloride	1.76	62	792397	468.01	ng		90
5) C015	Bromomethane	2.02	94	575024	448.46	ng		98
6) C025	Chloroethane	2.11	64	557212	458.87	ng		95
7) C275	Trichlorofluorometha	2.40	101	1275734m	464.40	ng		84
8) C045	1,1-Dichloroethene	2.82	96	801502	469.29	ng	#	85
9) C030	Methylene chloride	3.30	84	854536	349.34	ng		97
10) C040	Carbon disulfide	3.02	76	2448573	490.98	ng		99
11) C036	Acrolein	2.74	56	3501484	9378.08	ng		99
12) C038	Acrylonitrile	3.55	53	1934273	2571.74	ng		100
13) C035	Acetone	2.90	43	1692009	2387.66	ng		94
14) C300	Acetonitrile	3.20	41	3744293	20031.38	ng		100
15) C276	Iodomethane	2.97	142	1445773	459.02	ng		90
16) C291	1,1,2 Trichloro-1,2,	2.82	101	799960	461.21	ng		91
17) C962	T-butyl Methyl Ether	3.50	73	2445676	509.41	ng	#	85
18) C057	trans-1,2-Dichloroet	3.49	96	873444	506.22	ng	#	84
19) C255	Methyl Acetate	3.18	43	1917666	439.11	ng	#	86
20) C050	1,1-Dichloroethane	3.89	63	1203724	488.51	ng		97
21) C125	Vinyl Acetate	3.94	43	8350146	2443.35	ng	#	90
22) C051	2,2-Dichloropropane	4.40	77	784764	542.44	ng		99
23) C056	cis-1,2-Dichloroethe	4.43	96	769800	512.12	ng	#	84
24) C272	Tetrahydrofuran	4.69	42	1818462	2513.68	ng	#	76
25) C222	Bromochloromethane	4.65	128	387046	532.68	ng	#	72
26) C060	Chloroform	4.73	83	1193388	493.50	ng		99
27) C115	1,1,1-Trichloroethan	4.85	97	1035717	554.95	ng		95
28) C120	Carbon tetrachloride	4.98	117	888905	614.98	ng		98
29) C116	1,1-Dichloropropene	4.99	75	964961	507.41	ng		96
32) C165	Benzene	5.19	78	2944167	493.64	ng		99
33) C065	1,2-Dichloroethane	5.25	62	940198	469.60	ng		91
34) C110	2-Butanone	4.47	43	2678735	2508.84	ng		95
35) C256	Cyclohexane	4.85	56	1207962	509.14	ng		98
36) C150	Trichloroethene	5.78	95	727140	504.32	ng	#	77
37) C140	1,2-Dichloropropane	6.02	63	695307	484.48	ng		87
38) C278	Dibromomethane	6.15	93	459929	509.28	ng		96

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090508\N0821.D Vial: 8
Acq On : 5 Sep 2008 17:53 Operator: RJ
Sample : VSTD100 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:01:55 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39)	C130	Bromodichloromethane	6.30	83	871643	555.81	ng		96
40)	C161	2-Chloroethylvinyl E	6.58	63	3458029	2711.10	ng		96
41)	C012	Methylcycolhexane	5.91	83	1230662	529.91	ng		91
42)	C145	cis-1,3-Dichloroprop	6.72	75	1148372	544.05	ng		90
45)	C230	Toluene	7.00	92	1943552	498.22	ng		98
46)	C170	trans-1,3-Dichloropr	7.28	75	1131458	565.17	ng		83
47)	C284	Ethyl Methacrylate	7.33	69	1270349	546.17	ng		92
48)	C160	1,1,2-Trichloroethan	7.46	83	561923	487.42	ng	#	82
49)	C210	4-Methyl-2-pentanone	6.87	43	5785138	2438.82	ng		93
50)	C220	Tetrachloroethene	7.53	166	830972	517.01	ng		93
51)	C221	1,3-Dichloropropane	7.62	76	1209014	485.24	ng		99
52)	C155	Dibromochloromethane	7.86	129	749979	623.37	ng		98
53)	C163	1,2-Dibromoethane	7.96	107	757859	522.03	ng		99
54)	C215	2-Hexanone	7.70	43	4609504	2523.28	ng		94
55)	C235	Chlorobenzene	8.44	112	2138767	495.17	ng		85
56)	C281	1,1,1,2-Tetrachloroe	8.53	131	761612	608.97	ng		96
57)	C240	Ethylbenzene	8.53	91	3733462	503.96	ng		90
58)	C246	m,p-Xylene	8.66	106	3210427	1065.65	ng	#	53
59)	C247	o-Xylene	9.08	106	1450761	526.43	ng	#	75
60)	C245	Styrene	9.11	104	2511172	539.86	ng		93
63)	C180	Bromoform	9.35	173	529234	512.08	ng		100
64)	C966	Isopropylbenzene	9.47	105	3563596	507.07	ng		87
65)	C301	Bromobenzene	9.81	156	943675	523.02	ng	#	68
66)	C225	1,1,2,2-Tetrachloroe	9.86	83	1041040	510.53	ng		99
67)	C282	1,2,3-Trichloropropa	9.89	110	427548	562.97	ng		100
68)	C283	t-1,4-Dichloro-2-But	9.91	51	1117603	2924.77	ng		91
69)	C302	n-Propylbenzene	9.89	91	5097029	524.02	ng		77
70)	C303	2-Chlorotoluene	9.99	126	861672	508.10	ng		100
71)	C289	4-Chlorotoluene	10.10	126	935693	521.79	ng		100
72)	C304	1,3,5-Trimethylbenze	10.07	105	3039152	511.75	ng	#	37
73)	C306	tert-Butylbenzene	10.39	134	682739	533.30	ng		100
74)	C307	1,2,4-Trimethylbenze	10.44	105	3062387	509.00	ng		92
75)	C308	sec-Butylbenzene	10.60	105	3607373	503.23	ng		88
76)	C260	1,3-Dichlorobenzene	10.73	146	2100843	553.80	ng		95
77)	C309	4-Isopropyltoluene	10.74	119	3674512	539.97	ng		96
78)	C267	1,4-Dichlorobenzene	10.82	146	1942530	487.69	ng		98
79)	C249	1,2-Dichlorobenzene	11.17	146	1787106	510.96	ng		92
80)	C310	n-Butylbenzene	11.12	91	3078841	508.79	ng		83
81)	C286	1,2-Dibromo-3-Chloro	11.89	75	199573	592.55	ng	#	72
82)	C313	1,2,4-Trichlorobenze	12.57	180	1011854	487.04	ng		99
83)	C316	Hexachlorobutadiene	12.69	225	486749	438.89	ng		96
84)	C314	Naphthalene	12.79	128	2995136	507.06	ng		100
85)	C934	1,2,3-Trichlorobenze	12.99	180	834049	452.03	ng		99

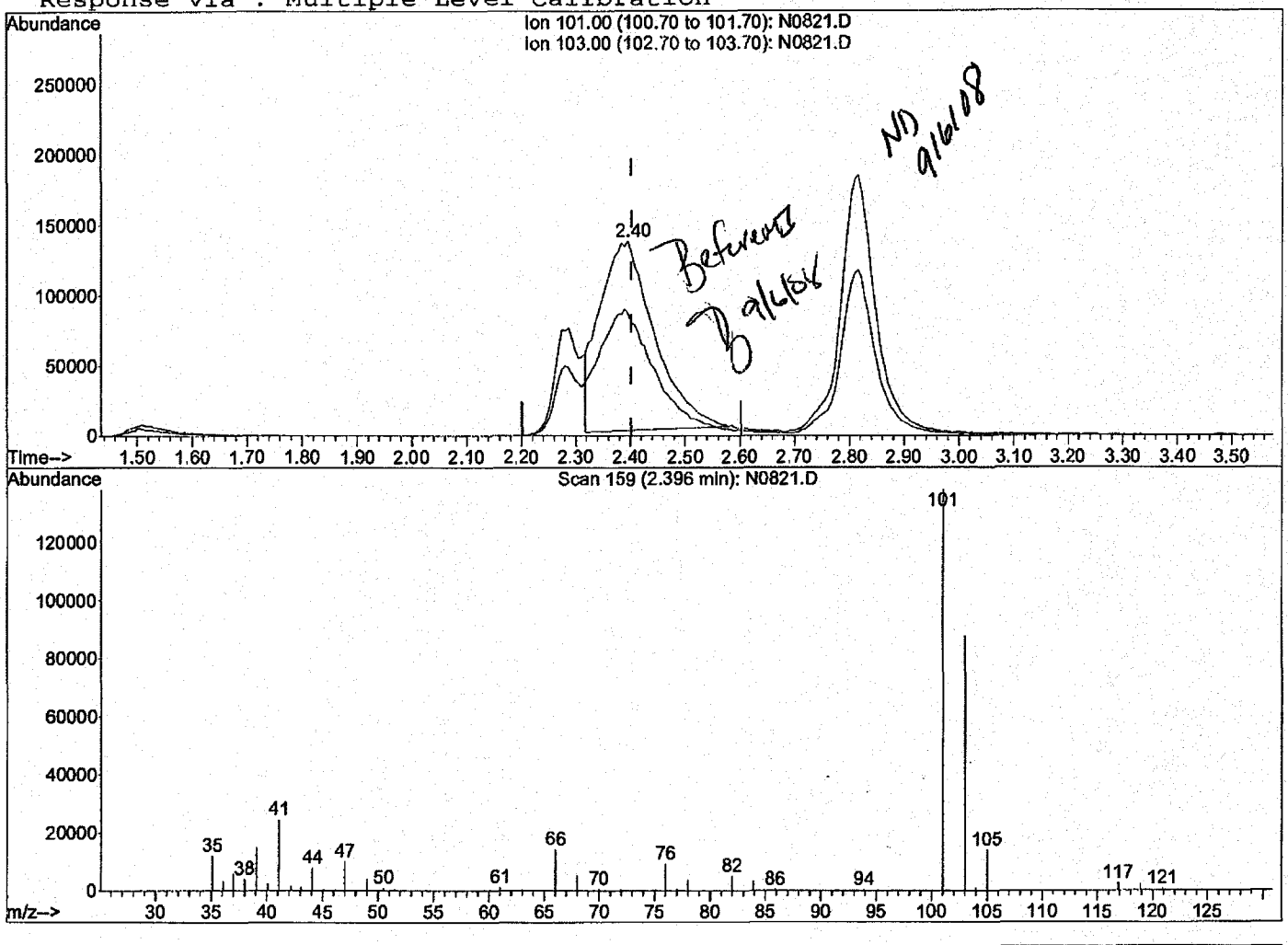
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0821.D
Acq On : 5 Sep 2008 17:53
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:01:38 2008

Vial: 8
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration



TIC: N0821.D

(7) C275 Trichlorofluoromethane (T)

2.40min (-0.006) 341.98ng

response 939432

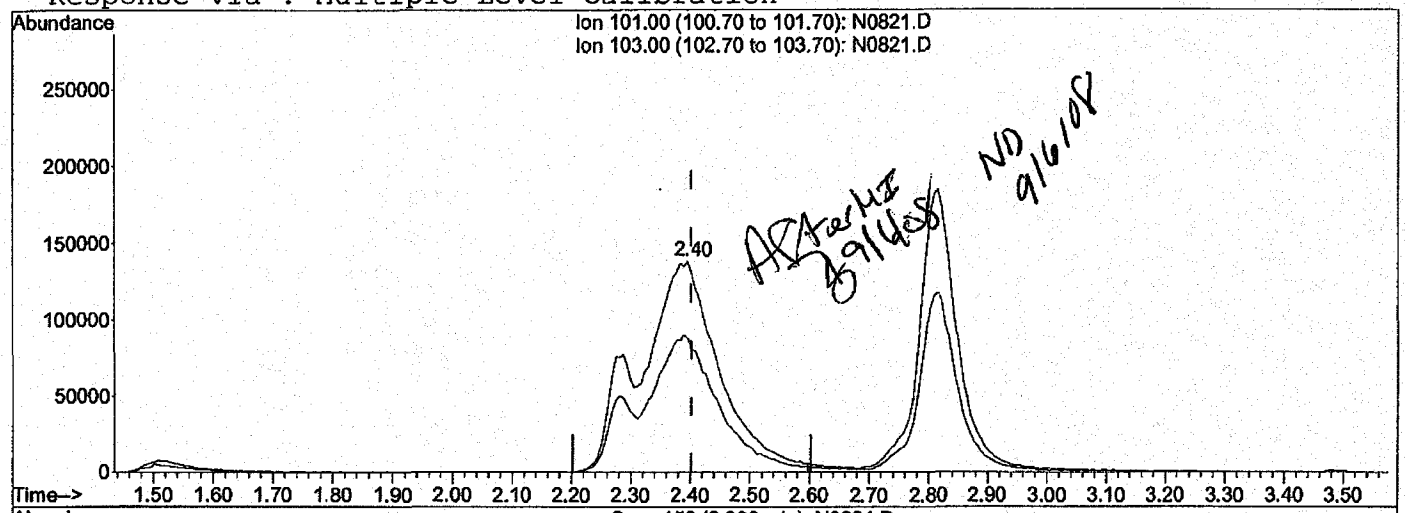
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	63.43
0.00	0.00	0.00
0.00	0.00	0.00

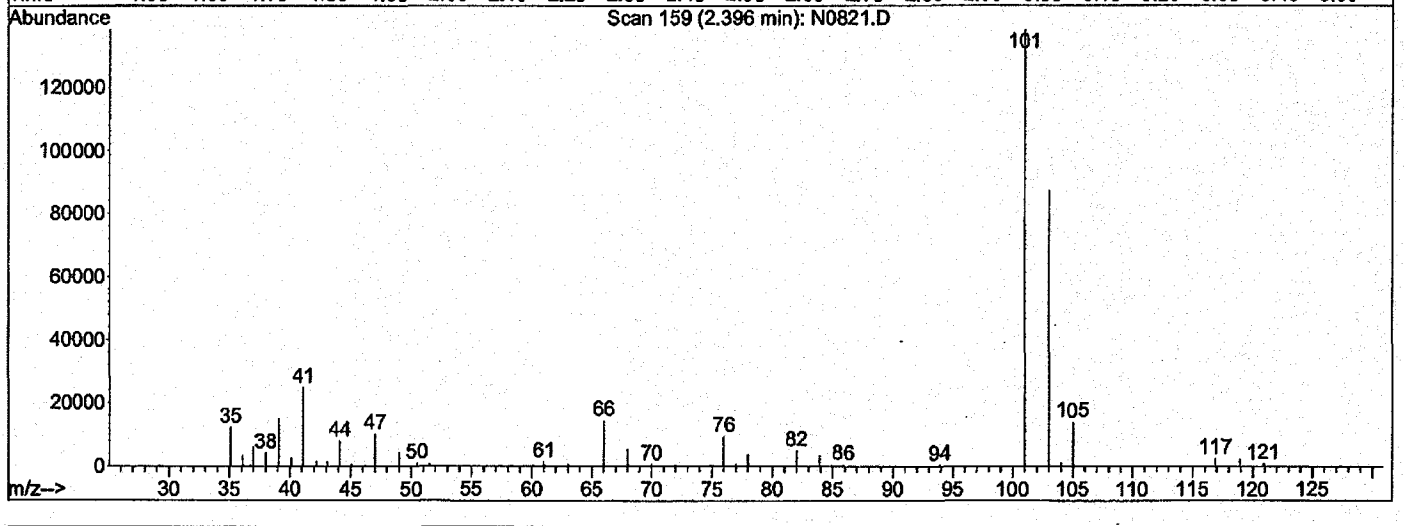
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090508\N0821.D
Acq On : 5 Sep 2008 17:53
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 06 11:01:38 2008

Vial: 8
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 10:52:16 2008
Response via : Multiple Level Calibration





TIC: N0821.D

(7) C275 Trichlorofluoromethane (T)

2.40min (-0.006) 464.40ng m

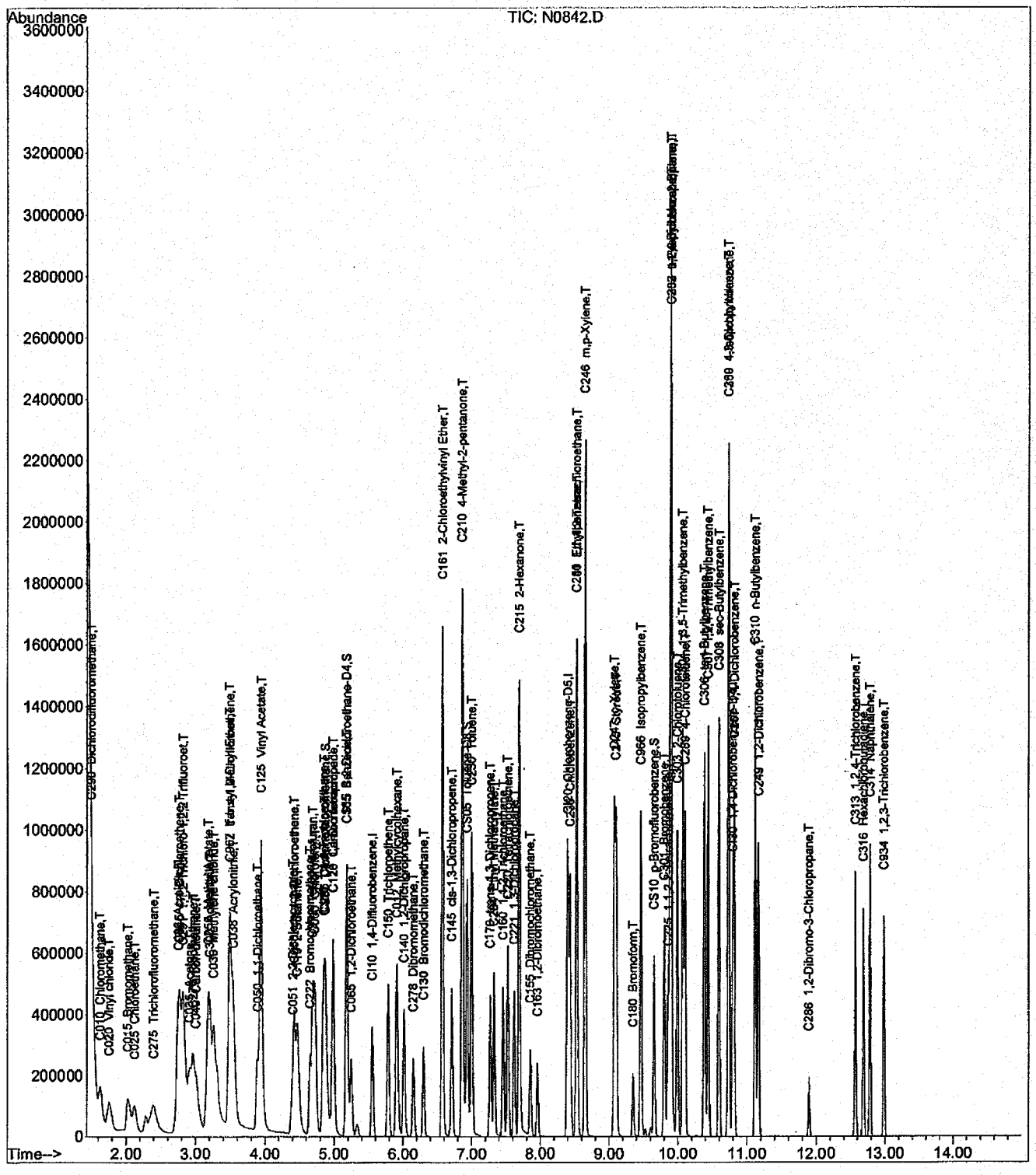
response 1275734

ion	Exp%	Act%
101.00	100	100
103.00	52.20	63.43
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0842.D Vial: 3
Acq On : 9 Sep 2008 9:45 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 09 10:08:34 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0842.D Vial: 3
Acq On : 9 Sep 2008 9:45 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:08:34 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	5.55	114	323799	125.00	ng		0.00 105.07%
43)	CI20	Chlorobenzene-D5	8.41	117	306000	125.00	ng		0.00 107.29%
62)	CI30	1,4-Dichlorobenzene-	10.79	152	164487	125.00	ng		0.00 102.82%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	4.88	111	138409	136.05	ng		0.00
	Spiked Amount 125.000	Range 70 - 130			Recovery = 108.84%				
31)	CS15	1,2-Dichloroethane-D	5.18	65	168760	130.88	ng		0.00
	Spiked Amount 125.000	Range 66 - 137			Recovery = 104.70%				
44)	CS05	Toluene-D8	6.93	98	566059	131.05	ng		0.00
	Spiked Amount 125.000	Range 71 - 126			Recovery = 104.84%				
61)	CS10	p-Bromofluorobenzene	9.65	174	171652	129.69	ng		0.00
	Spiked Amount 125.000	Range 73 - 120			Recovery = 103.75%				
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	1.51	85	151387	205.56	ng		87
3)	C010	Chloromethane	1.64	50	205948	141.59	ng		98
4)	C020	Vinyl chloride	1.76	62	212942	145.01	ng		89
5)	C015	Bromomethane	2.03	94	167974	151.04	ng		98
6)	C025	Chloroethane	2.12	64	158011	150.03	ng		92
7)	C275	Trichlorofluorometha	2.40	101	353977m	148.47	ng		87
8)	C045	1,1-Dichloroethene	2.77	96	221940m	149.83	ng	#	86
9)	C030	Methylene chloride	3.26	84	233790	145.74	ng		98
10)	C040	Carbon disulfide	3.01	76	641766m	148.22	ng		100
11)	C036	Acrolein	2.75	56	711078	2195.83	ng		100
12)	C038	Acrylonitrile	3.55	53	482373	739.09	ng		98
13)	C035	Acetone	2.91	43	471191	766.63	ng		95
14)	C300	Acetonitrile	3.21	41	1091883	6185.24	ng		100
15)	C276	Iodomethane	2.97	142	300613m	110.02	ng	#	93
16)	C291	1,1,2 Trichloro-1,2,	2.82	101	215416	143.19	ng		91
17)	C962	T-butyl Methyl Ether	3.50	73	622830	149.66	ng	#	86
18)	C057	trans-1,2-Dichloroet	3.49	96	203235	135.81	ng	#	83
19)	C255	Methyl Acetate	3.19	43	448024	130.87	ng	#	87
20)	C050	1,1-Dichloroethane	3.89	63	290312	135.84	ng		98
21)	C125	Vinyl Acetate	3.94	43	2074118	699.75	ng	#	94
22)	C051	2,2-Dichloropropane	4.40	77	197751	157.60	ng		97
23)	C056	cis-1,2-Dichloroethe	4.42	96	174947	134.19	ng		91
24)	C272	Tetrahydrofuran	4.69	42	454099	723.73	ng	#	80
25)	C222	Bromochloromethane	4.65	128	85622	135.86	ng	#	79
26)	C060	Chloroform	4.73	83	281472	134.20	ng		100
27)	C115	1,1,1-Trichloroethan	4.85	97	238839	147.57	ng		96
28)	C120	Carbon tetrachloride	4.98	117	191128	133.19	ng		95
29)	C116	1,1-Dichloropropene	4.99	75	232283	140.83	ng		97
32)	C165	Benzene	5.18	78	681776	131.80	ng		98
33)	C065	1,2-Dichloroethane	5.25	62	236020	135.92	ng		93
34)	C110	2-Butanone	4.47	43	653624	705.81	ng		94
35)	C256	Cyclohexane	4.85	56	292354	142.07	ng		98
36)	C150	Trichloroethene	5.78	95	172891	138.26	ng	#	79
37)	C140	1,2-Dichloropropane	6.02	63	164693	132.31	ng		85
38)	C278	Dibromomethane	6.15	93	106797	136.35	ng		96

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0842.D Vial: 3
Acq On : 9 Sep 2008 9:45 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:08:34 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	200391	147.33	ng		97
40) C161	2-Chloroethylvinyl E	6.58	63	716801	647.94	ng		94
41) C012	Methylcycolhexane	5.91	83	279200	138.61	ng		94
42) C145	cis-1,3-Dichloroprop	6.71	75	268478	146.65	ng		94
45) C230	Toluene	7.00	92	437913	131.25	ng		94
46) C170	trans-1,3-Dichloropr	7.27	75	252887	147.70	ng		90
47) C284	Ethyl Methacrylate	7.32	69	284676	143.11	ng		93
48) C160	1,1,2-Trichloroethan	7.46	83	135560	137.48	ng		92
49) C210	4-Methyl-2-pentanone	6.86	43	1394932	687.57	ng	#	93
50) C220	Tetrachloroethene	7.53	166	187683	136.53	ng		92
51) C221	1,3-Dichloropropane	7.62	76	286098	134.26	ng		97
52) C155	Dibromochloromethane	7.85	129	154664	130.60	ng		100
53) C163	1,2-Dibromoethane	7.96	107	175218	141.12	ng		98
54) C215	2-Hexanone	7.70	43	1074424	687.68	ng		97
55) C235	Chlorobenzene	8.44	112	478618	129.56	ng		87
56) C281	1,1,1,2-Tetrachloroe	8.53	131	154151	127.02	ng		91
57) C240	Ethylbenzene	8.53	91	859515	135.65	ng		96
58) C246	m,p-Xylene	8.65	106	689138	267.46	ng	#	84
59) C247	o-Xylene	9.08	106	321806	136.53	ng	#	77
60) C245	Styrene	9.11	104	545025	137.00	ng		93
63) C180	Bromoform	9.35	173	101589	133.53	ng		97
64) C966	Isopropylbenzene	9.46	105	743460	129.66	ng		94
65) C301	Bromobenzene	9.81	156	204697	139.06	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	9.85	83	238549	143.39	ng		99
67) C282	1,2,3-Trichloropropa	9.89	110	80622	130.12	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	202313	648.95	ng	#	83
69) C302	n-Propylbenzene	9.89	91	1126784	141.99	ng		92
70) C303	2-Chlorotoluene	9.99	126	192850	139.38	ng		100
71) C289	4-Chlorotoluene	10.10	126	201104	137.46	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	683653	141.10	ng	#	47
73) C306	tert-Butylbenzene	10.38	134	146781	140.53	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	693242	141.23	ng		94
75) C308	sec-Butylbenzene	10.60	105	897270	153.42	ng		91
76) C260	1,3-Dichlorobenzene	10.73	146	422299	136.45	ng		96
77) C309	4-Isopropyltoluene	10.74	119	781678	140.79	ng		95
78) C267	1,4-Dichlorobenzene	10.82	146	425785	131.02	ng		96
79) C249	1,2-Dichlorobenzene	11.17	146	380335	133.29	ng		95
80) C310	n-Butylbenzene	11.12	91	711615	144.14	ng		91
81) C286	1,2-Dibromo-3-Chloro	11.89	75	40945	128.36	ng		83
82) C313	1,2,4-Trichlorobenze	12.57	180	229157	135.20	ng		95
83) C316	Hexachlorobutadiene	12.69	225	122054	134.89	ng		94
84) C314	Naphthalene	12.79	128	644225	133.68	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	191088	126.94	ng		99

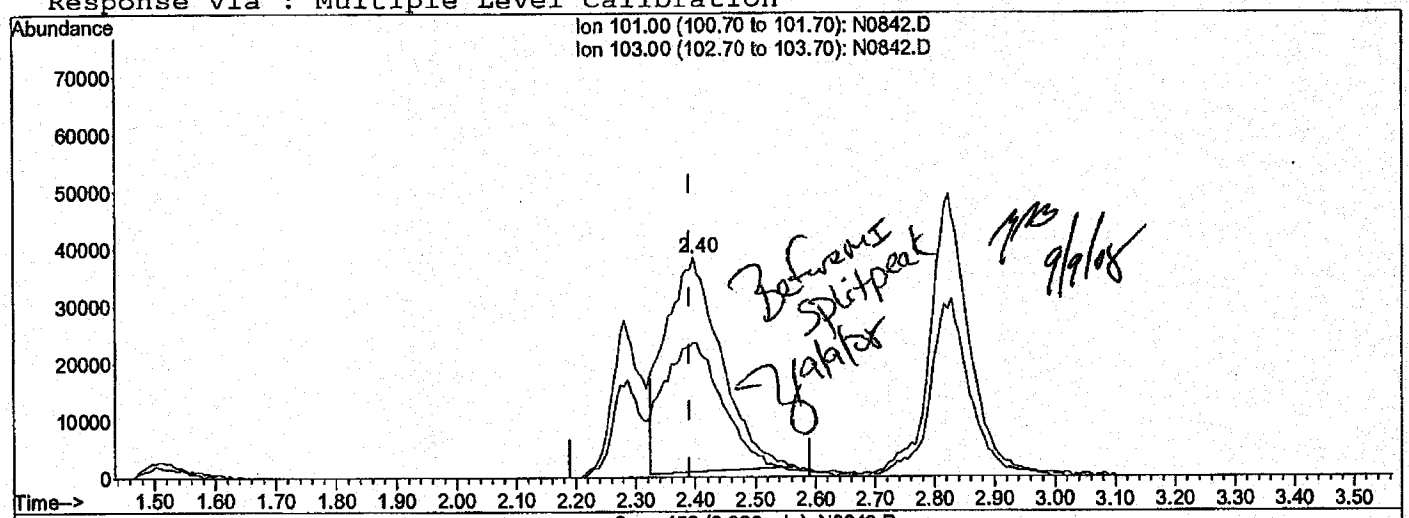
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(7) C275 Trichlorofluoromethane (T)

2.40min (+0.007) 101.46ng

response 241902

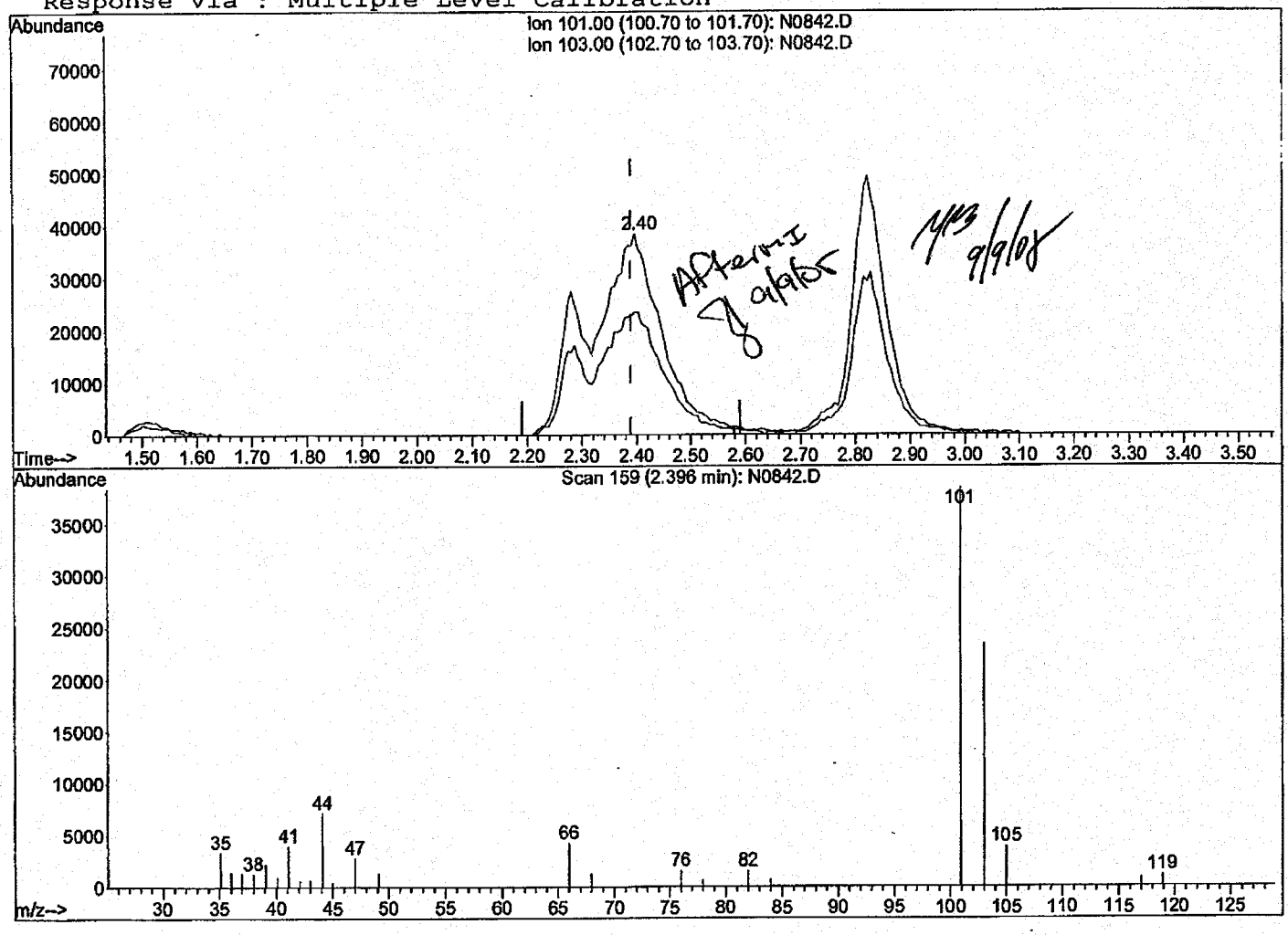
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	61.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(7) C275 Trichlorofluoromethane (T)

2.40min (+0.007) 148.47ng m

response 353977

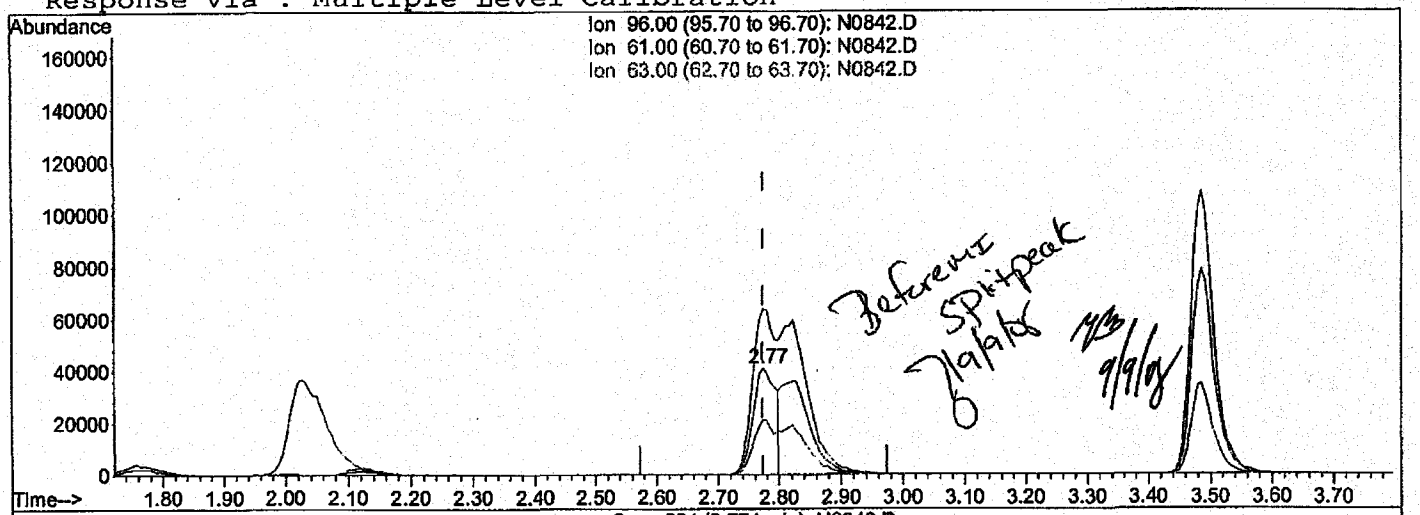
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	61.02
0.00	0.00	0.00
0.00	0.00	0.00

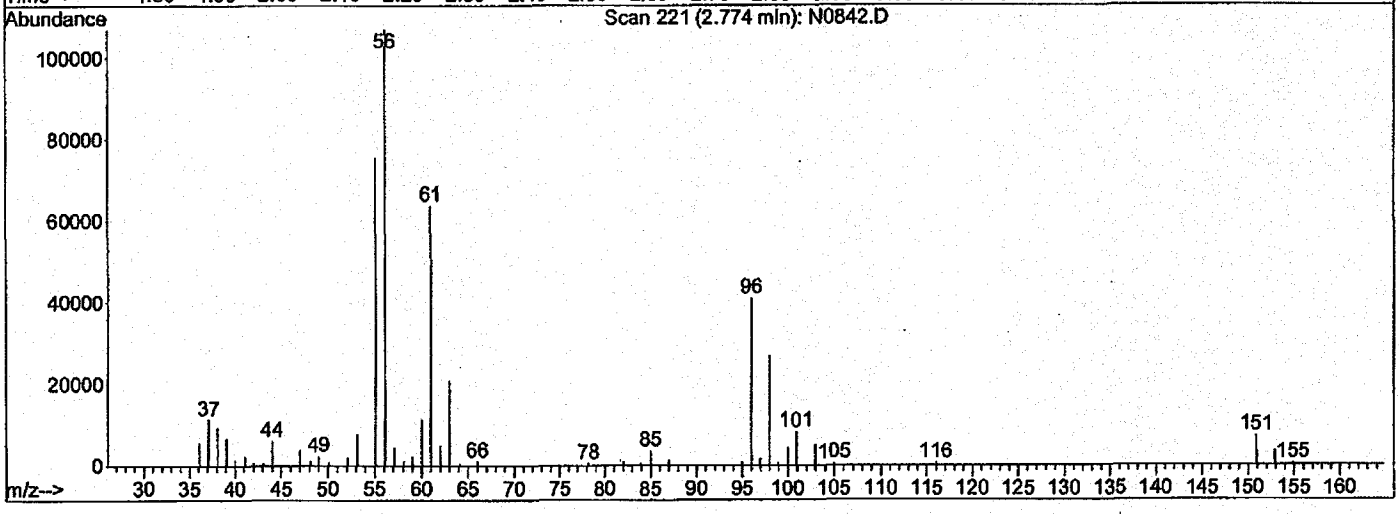
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(8) C045 1,1-Dichloroethene (T)

2.77min (+0.001) 71.12ng

response 105355

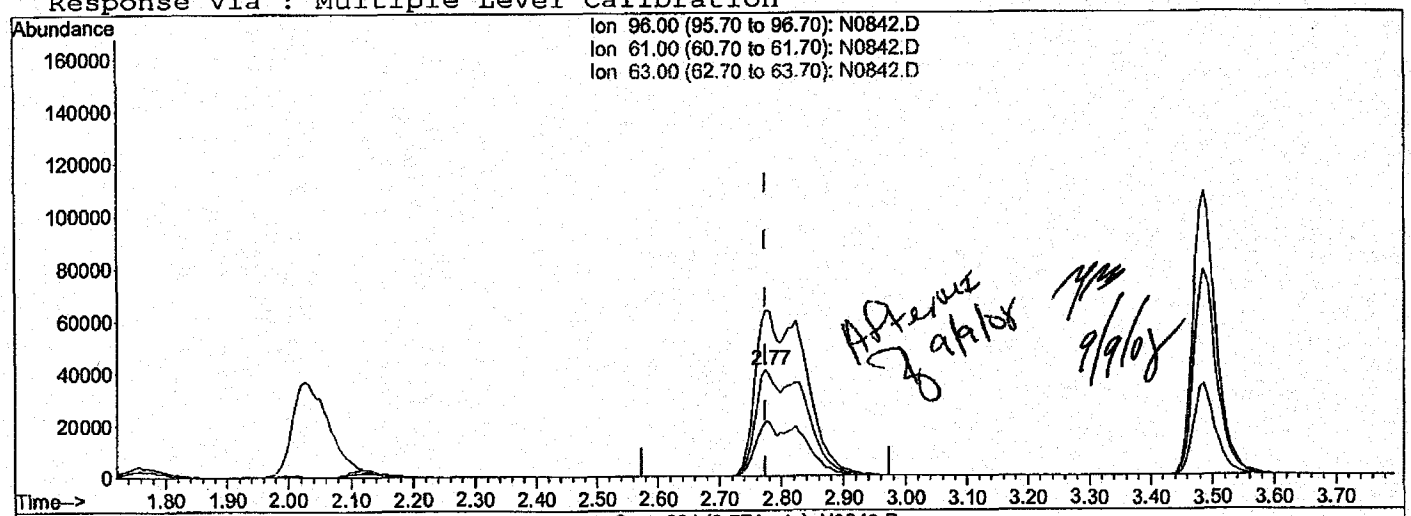
Ion	Exp%	Act%
96.00	100	100
61.00	179.00	155.69#
63.00	55.20	51.15
0.00	0.00	0.00

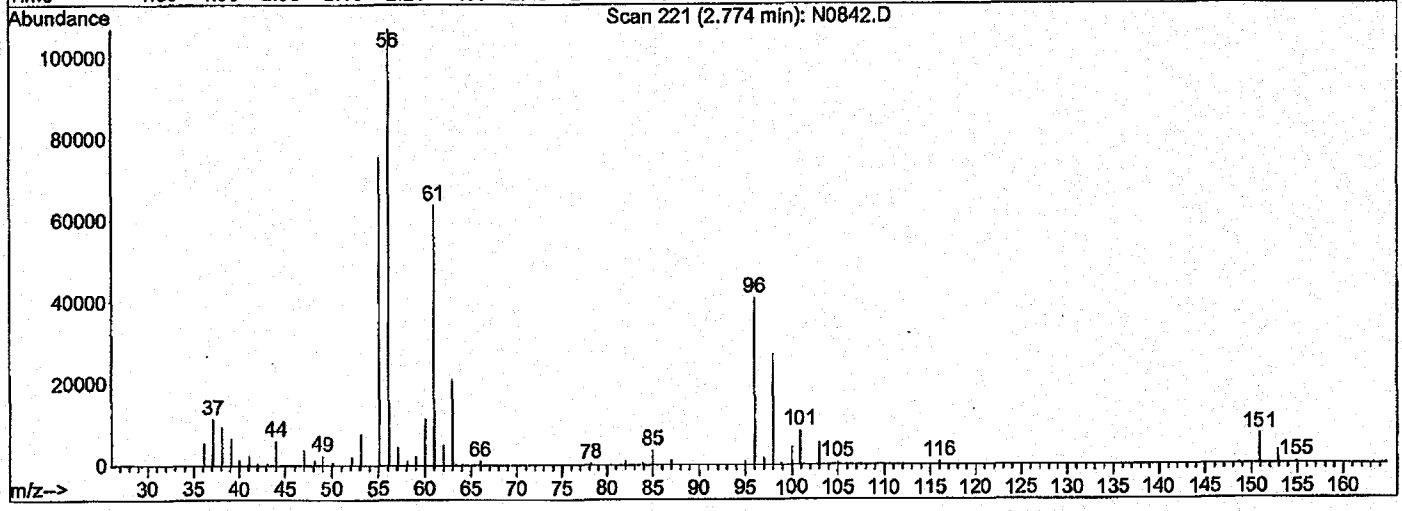
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(8) C045 1,1-Dichloroethene (T)

2.77min (+0.001) 149.83ng m

response 221940

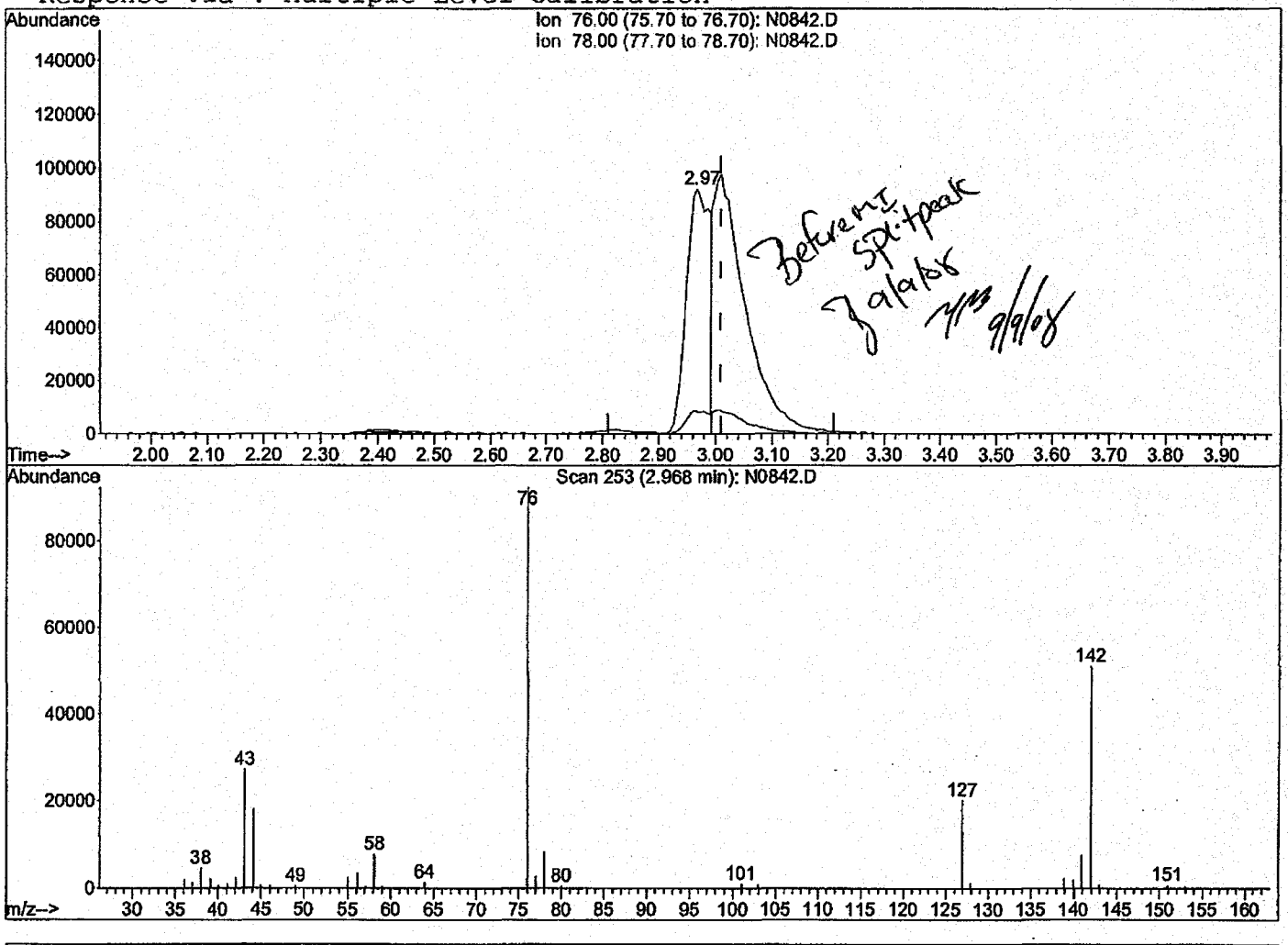
Ion	Exp%	Act%
96.00	100	100
61.00	179.00	155.69#
63.00	55.20	51.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(10) C040 Carbon disulfide (T)

2.97min (-0.042) 61.19ng

response 264924

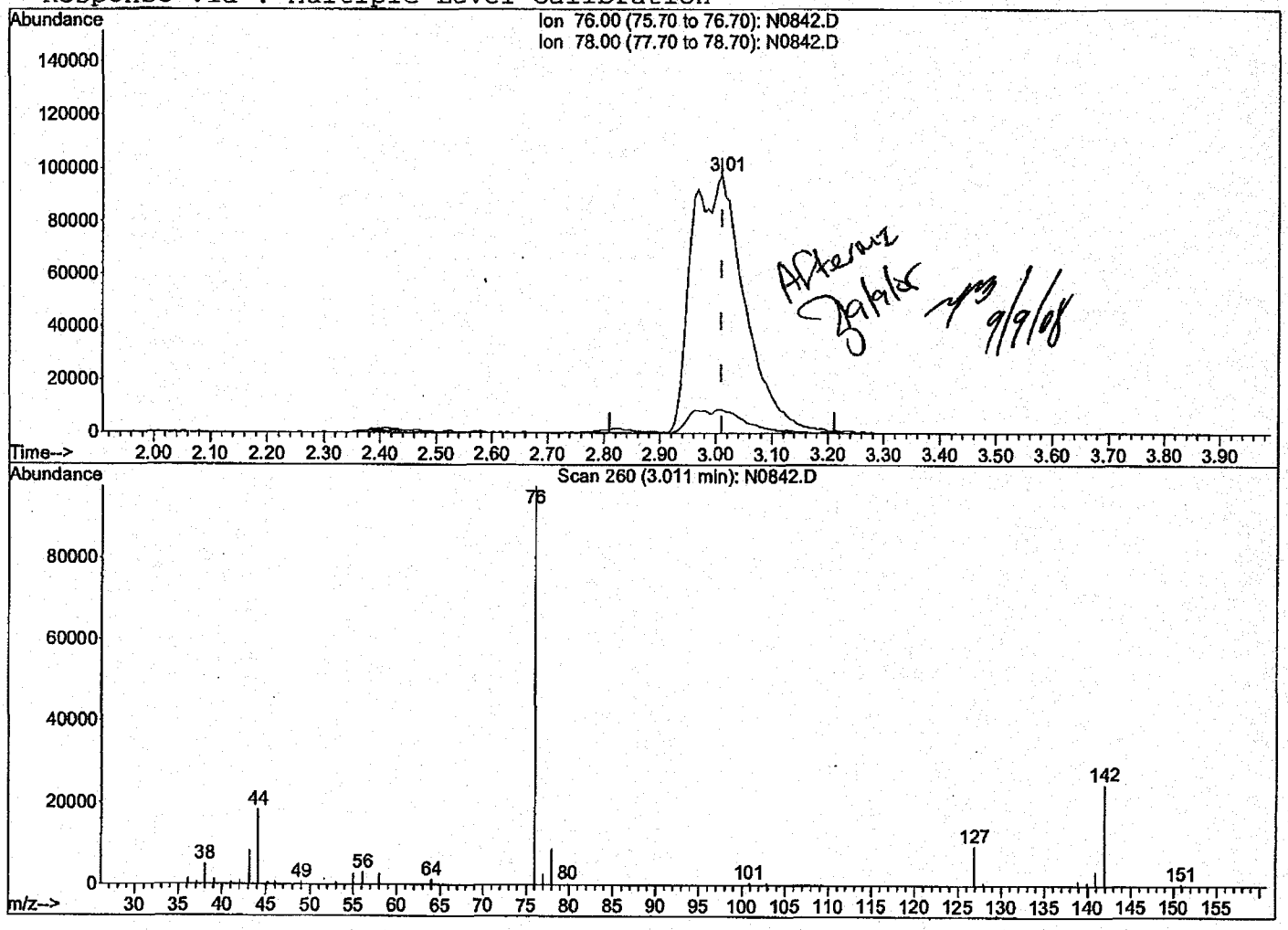
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	9.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(10) C040 Carbon disulfide (T)

3.01min (+0.001) 148.22ng m

response 641766

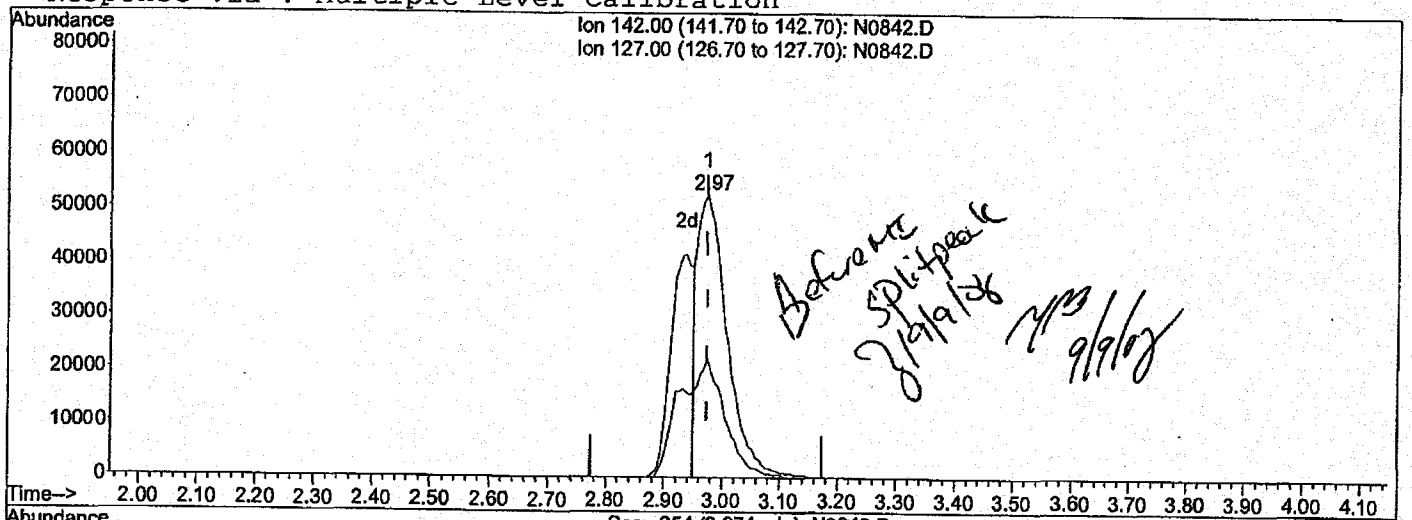
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	8.97
0.00	0.00	0.00
0.00	0.00	0.00

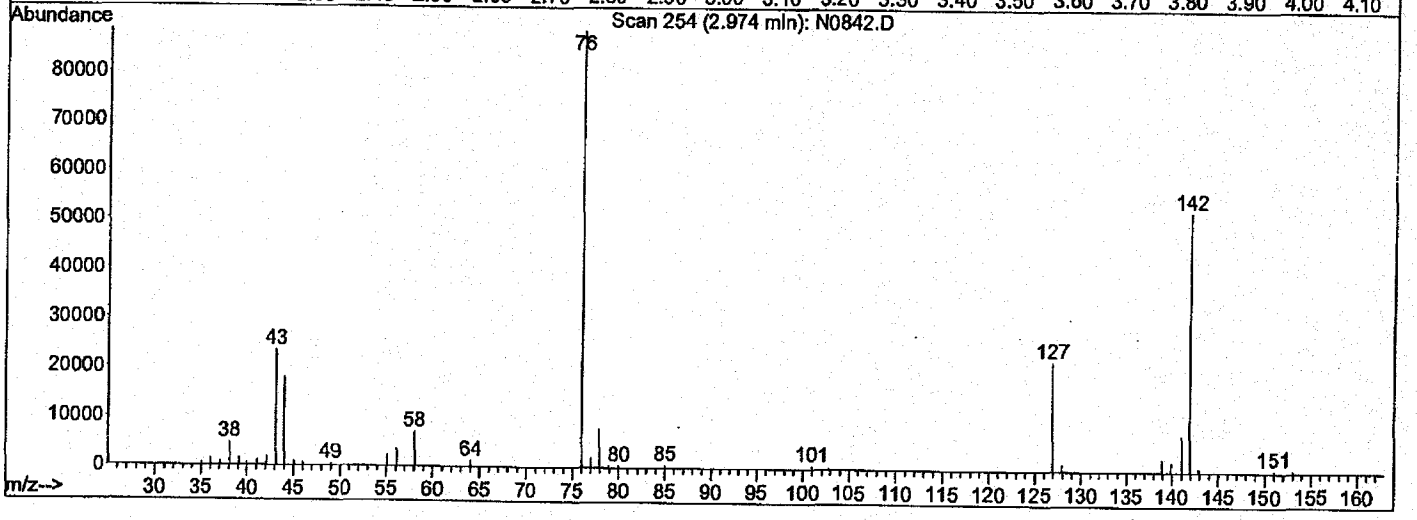
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(15) C276 Iodomethane (T)

2.97min (+0.001) 69.00ng

response 188521

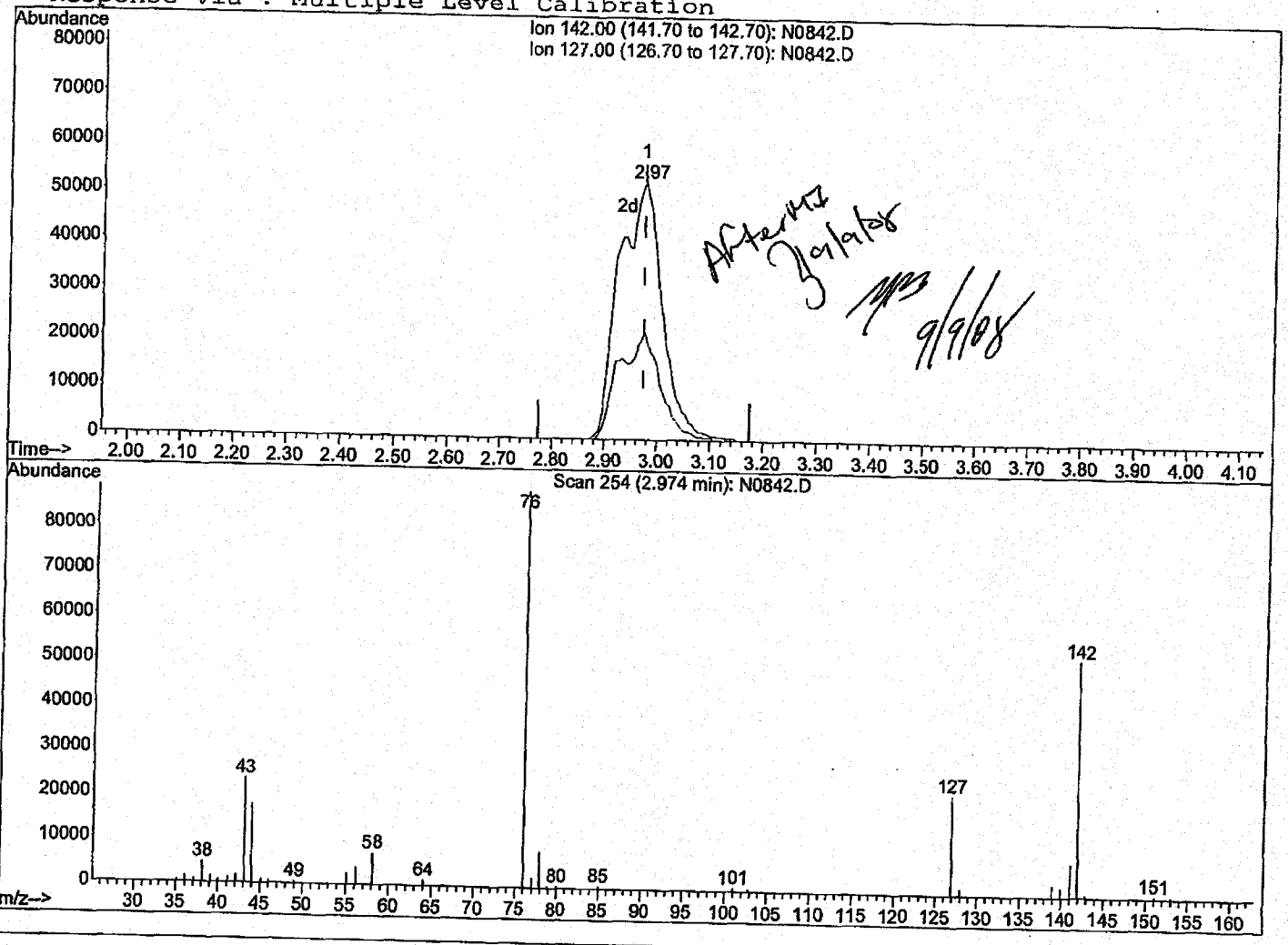
Ion	Exp%	Act%
142.00	100	100
127.00	44.80	39.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(15) C276 Iodomethane (T)

2.97min (+0.001) 110.02ng m

response 300613

Ion	Exp%	Act%
142.00	100	100
127.00	44.80	25.03#
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000550-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973P Calibration Dates(s): 07/23/2008 07/23/2008

Heated Purge (Y/N): N Calibration Times: 16:14 18:34

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = P9604.RR RRF10 = P9606.RR
RRF25 = P9607.RR RRF50 = P9608.RR RRF100 = P9609.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.733	0.671	0.625	0.600	0.561	0.6380	10.400
Bromomethane	0.282	0.243	0.301	0.230	0.281	0.2670	11.200
Vinyl chloride	0.476	0.492	0.474	0.464	0.440	0.4690	4.100
Chloroethane	0.348	0.341	0.329	0.316	0.314	0.3290	4.500
Methylene chloride	0.938	0.514	0.465	0.453	0.441	0.5620	37.700
Acetone	0.290	0.254	0.254	0.241	0.234	0.2540	8.500
Carbon Disulfide	1.172	1.255	1.286	1.210	1.177	1.2200	4.000
1,1-Dichloroethene	0.256	0.368	0.358	0.351	0.337	0.3340	13.500
1,1-Dichloroethane	0.695	0.904	0.879	0.837	0.836	0.8300	9.700
cis-1,2-Dichloroethene	0.322	0.426	0.417	0.404	0.401	0.3940	10.500
trans-1,2-Dichloroethene	0.299	0.403	0.388	0.370	0.371	0.3660	10.800
Chloroform	0.567	0.719	0.693	0.657	0.640	0.6550	8.900
1,2-Dichloroethane	0.605	0.762	0.730	0.697	0.683	0.6950	8.500
2-Butanone	0.354	0.387	0.403	0.393	0.390	0.3850	4.900
1,1,1-Trichloroethane	0.358	0.558	0.561	0.563	0.574	0.5230	17.700
Carbon Tetrachloride	0.228	0.354	0.387	0.403	0.426	0.3590	21.700
Bromodichloromethane	0.284	0.426	0.458	0.475	0.504	0.4290	20.100
1,2-Dichloropropane	0.363	0.506	0.494	0.485	0.479	0.4650	12.400
cis-1,3-Dichloropropene	0.389	0.575	0.594	0.608	0.626	0.5580	17.300
Trichloroethene	0.284	0.391	0.385	0.377	0.374	0.3620	12.200
Dibromochloromethane	0.163	0.259	0.302	0.340	0.374	0.2880	28.400
1,1,2-Trichloroethane	0.266	0.350	0.341	0.337	0.333	0.3250	10.400
Benzene	1.226	1.603	1.543	1.485	1.452	1.4620	9.800
trans-1,3-Dichloropropene	0.370	0.567	0.610	0.634	0.646	0.5650	20.000
Bromoform	0.143	0.275	0.336	0.416	0.488	0.3320	40.000
4-Methyl-2-pentanone	0.764	0.859	0.872	0.825	0.768	0.8180	6.100
2-Hexanone	0.507	0.610	0.617	0.580	0.519	0.5670	9.000
Tetrachloroethene	0.283	0.364	0.352	0.336	0.316	0.3300	9.700
1,1,2,2-Tetrachloroethane	0.897	1.147	1.112	1.124	1.112	1.0780	9.500
Toluene	0.802	1.029	1.008	0.986	0.973	0.9590	9.400
Chlorobenzene	0.846	1.073	1.032	1.024	1.006	0.9960	8.800
Ethylbenzene	1.397	1.888	1.842	1.784	1.722	1.7270	11.300
Styrene	0.831	1.147	1.125	1.108	1.064	1.0550	12.200
Total Xylenes	0.521	0.696	0.675	0.655	0.638	0.6370	10.700
1,1,2-Trichloro-1,2,2-trifl	0.268	0.327	0.301	0.286	0.249	0.2860	10.400
1,2,4-Trichlorobenzene	0.901	0.988	0.981	0.993	0.991	0.9710	4.000
1,2-Dibromo-3-chloropropane	0.126	0.177	0.205	0.233	0.252	0.1990	24.900

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000550-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973P Calibration Dates(s): 07/23/2008 07/23/2008

Heated Purge (Y/N): N Calibration Times: 16:14 18:34

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = P9604.RR RRF10 = P9606.RR
RRF25 = P9607.RR RRF50 = P9608.RR RRF100 = P9609.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.284	0.411	0.412	0.409	0.411	0.3860	14.700
1,2-Dichlorobenzene	1.210	1.581	1.541	1.520	1.495	1.4700	10.100
1,3-Dichlorobenzene	1.279	1.571	1.520	1.479	1.447	1.4590	7.600
1,4-Dichlorobenzene	1.420	1.621	1.562	1.530	1.498	1.5260	4.900
Cyclohexane	0.748	0.831	0.876	0.825	0.773	0.8100	6.200
Dichlorodifluoromethane	0.418	0.387	0.373	0.368	0.326	0.3740	8.800
Methyl acetate	0.929	0.923	0.956	0.934	0.936	0.9350	1.300
Trichlorofluoromethane	0.664	0.626	0.629	0.610	0.575	0.6210	5.200
Methyl-t-Butyl Ether (MTBE)	1.039	1.108	1.148	1.101	1.140	1.1070	3.900
Isopropylbenzene	2.317	3.218	3.174	3.149	3.064	2.9840	12.600
Methylcyclohexane	0.453	0.491	0.515	0.474	0.437	0.4740	6.500
Toluene-D8	1.321	1.460	1.362	1.372	1.310	1.3650	4.300
p-Bromofluorobenzene	0.421	0.425	0.404	0.405	0.385	0.4080	3.900
1,2-Dichloroethane-D4	0.571	0.582	0.501	0.515	0.508	0.5350	7.100

Comments:

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration

8260 (A8I...0550)
8260 FLETCHER (A8I...0552FLETCHER)

Calibration Files
1 =P9604.D 2 =P9606.D 3 =P9607.D
4 =P9608.D 5 =P9609.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD						
2)	T	C290	Dichlorodifluor	0.417	0.387	0.373	0.368	0.326	0.374	8.85
3)	T	C010	Chloromethane	0.733	0.671	0.625	0.600	0.560	0.638	10.43
4)	T	C020	Vinyl chloride	0.476	0.492	0.474	0.464	0.440	0.469	4.08
5)	T	C015	Bromomethane	0.282	0.243	0.301	0.230	0.281	0.267	11.19
6)	T	C025	Chloroethane	0.348	0.341	0.329	0.316	0.314	0.329	4.49
7)	T	C275	Trichlorofluoro	0.664	0.626	0.629	0.610	0.575	0.621	5.21
8)	T	C045	1,1-Dichloroeth	0.256	0.368	0.358	0.351	0.337	0.334	13.47
9)	T	C030	Methylene chlor	0.938	0.514	0.465	0.453	0.441	-----	
								L	M= 0.435	R^2=1.000
									B= 0.029	
10)	T	C040	Carbon disulfid	1.172	1.255	1.286	1.210	1.177	1.220	4.05
11)	T	C036	Acrolein	0.081	0.064	0.061	0.058	0.066	0.066	13.43
12)	T	C038	Acrylonitrile	0.276	0.310	0.320	0.305	0.308	0.304	5.53
13)	T	C035	Acetone	0.290	0.254	0.253	0.241	0.233	0.254	8.48
14)	T	C300	Acetonitrile	0.083	0.101	0.100	0.096	0.091	0.094	8.02
15)	T	C276	Iodomethane	0.483	0.581	0.586	0.574	0.569	0.558	7.69
16)	T	C291	1,1,2 Trichloro	0.268	0.327	0.301	0.286	0.249	0.286	10.46
17)	T	C962	T-butyl Methyl	1.039	1.108	1.148	1.101	1.140	1.107	3.89
18)	T	C057	trans-1,2-Dichl	0.299	0.403	0.388	0.370	0.371	0.366	10.84
19)	T	C255	Methyl Acetate	0.928	0.923	0.955	0.934	0.936	0.935	1.31
20)	T	C050	1,1-Dichloroeth	0.695	0.904	0.879	0.837	0.836	0.830	9.75
21)	T	C125	Vinyl Acetate	0.895	1.145	1.227	1.184	1.128	1.116	11.58
22)	T	C051	2,2-Dichloropro	0.302	0.474	0.484	0.478	0.480	-----	
								L	M= 0.481	R^2=1.000
									B= -0.002	
23)	T	C056	cis-1,2-Dichlor	0.322	0.426	0.417	0.404	0.401	0.394	10.53
24)	T	C272	Tetrahydrofuran	0.215	0.240	0.246	0.234	0.229	0.233	5.08
25)	T	C222	Bromochlorometh	0.155	0.197	0.192	0.184	0.189	0.183	8.95
26)	T	C060	Chloroform	0.567	0.719	0.693	0.657	0.640	0.655	8.86
27)	T	C115	1,1,1-Trichloro	0.358	0.558	0.561	0.563	0.574	-----	
								L	M= 0.576	R^2=1.000
									B= -0.013	
28)	T	C120	Carbon tetrachl	0.228	0.354	0.387	0.403	0.426	-----	
								L	M= 0.430	R^2=0.999
									B= -0.033	
29)	T	C116	1,1-Dichloropro	0.372	0.522	0.505	0.491	0.483	0.475	12.54
30)	S	CS87	Dibromofluorome	0.329	0.365	0.325	0.335	0.333	0.337	4.72
31)	S	CS15	1,2-Dichloroeth	0.570	0.582	0.501	0.515	0.508	0.535	7.09
32)	T	C165	Benzene	1.226	1.603	1.543	1.485	1.452	1.462	9.85
33)	T	C065	1,2-Dichloroeth	0.605	0.762	0.729	0.697	0.683	0.695	8.53
34)	T	C110	2-Butanone	0.353	0.387	0.403	0.393	0.390	0.385	4.88
35)	T	C256	Cyclohexane	0.748	0.831	0.876	0.825	0.773	0.810	6.22
36)	T	C150	Trichloroethene	0.284	0.391	0.385	0.377	0.374	0.362	12.20
37)	T	C140	1,2-Dichloropro	0.363	0.506	0.494	0.485	0.479	0.466	12.45
38)	T	C278	Dibromomethane	0.206	0.276	0.274	0.265	0.267	0.258	11.30
39)	T	C130	Bromodichlorome	0.284	0.426	0.458	0.475	0.504	-----	
								L	M= 0.508	R^2=0.999
									B= -0.038	
40)	T	C161	2-Chloroethylvi	0.308	0.373	0.379	0.364	0.350	0.355	8.02
41)	T	C012	Methylcycolhexa	0.453	0.491	0.515	0.474	0.437	0.474	6.49

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration

Calibration Files
1 =P9604.D 2 =P9606.D 3 =P9607.D
4 =P9608.D 5 =P9609.D

			Compound	1	2	3	4	5	Avg	%RSD
42)	T	C145	cis-1,3-Dichlor	0.389	0.575	0.594	0.608	0.626	-----	
								L	M= 0.629	R^2=1.000
									B= -0.027	
43)	I	CI20	Chlorobenzene-D	----------	ISTD	----------				
44)	S	CS05	Toluene-D8	1.321	1.460	1.362	1.372	1.310	1.365	4.32
45)	T	C230	Toluene	0.802	1.029	1.008	0.986	0.973	0.959	9.44
46)	T	C170	trans-1,3-Dichl	0.370	0.567	0.610	0.634	0.646	-----	
								L	M= 0.652	R^2=1.000
									B= -0.031	
47)	T	C284	Ethyl Methacryl	0.393	0.565	0.603	0.613	0.620	-----	
								L	M= 0.624	R^2=1.000
									B= -0.018	
48)	T	C160	1,1,2-Trichloro	0.266	0.350	0.341	0.337	0.333	0.325	10.42
49)	T	C210	4-Methyl-2-pent	0.764	0.859	0.872	0.825	0.768	0.818	6.13
50)	T	C220	Tetrachloroethe	0.283	0.364	0.352	0.336	0.315	0.330	9.74
51)	T	C221	1,3-Dichloropro	0.553	0.715	0.691	0.669	0.628	0.651	9.76
52)	T	C155	Dibromochlorome	0.163	0.259	0.302	0.340	0.374	-----	
								L	M= 0.381	R^2=0.997
									B= -0.054	
53)	T	C163	1,2-Dibromoetha	0.284	0.411	0.412	0.409	0.411	0.386	14.73
54)	T	C215	2-Hexanone	0.507	0.610	0.617	0.580	0.519	0.567	8.99
55)	T	C235	Chlorobenzene	0.846	1.072	1.032	1.024	1.006	0.996	8.78
56)	T	C281	1,1,1,2-Tetrach	0.187	0.292	0.319	0.329	0.341	-----	
								L	M= 0.344	R^2=1.000
									B= -0.020	
57)	T	C240	Ethylbenzene	1.397	1.888	1.842	1.784	1.722	1.727	11.27
58)	T	C246	m,p-Xylene	0.509	0.680	0.661	0.641	0.619	0.622	10.80
59)	T	C247	o-Xylene	0.521	0.695	0.675	0.655	0.637	0.637	10.74
60)	T	C245	Styrene	0.831	1.147	1.125	1.108	1.064	1.055	12.22
61)	S	CS10	p-Bromofluorobe	0.421	0.425	0.404	0.405	0.385	0.408	3.93
62)	I	CI30	1,4-Dichloroben	----------	ISTD	----------				
63)	T	C180	Bromoform	0.143	0.275	0.336	0.416	0.488	-----	
								L	M= 0.502	R^2=0.991
									B= -0.111	
64)	T	C966	Isopropylbenzen	2.317	3.218	3.174	3.149	3.064	2.985	12.64
65)	T	C301	Bromobenzene	0.630	0.867	0.817	0.808	0.789	0.782	11.51
66)	T	C225	1,1,2,2-Tetrach	0.897	1.147	1.112	1.124	1.111	1.078	9.47
67)	T	C282	1,2,3-Trichloro	0.274	0.328	0.315	0.302	0.289	0.301	7.05
68)	T	C283	t-1,4-Dichloro-	0.102	0.165	0.199	0.211	0.216	-----	
								L	M= 0.219	R^2=1.000
									B= -0.080	
69)	T	C302	n-Propylbenzene	3.097	4.112	3.961	3.909	3.790	3.774	10.48
70)	T	C303	2-Chlorotoluene	0.596	0.788	0.766	0.767	0.752	0.734	10.68
71)	T	C289	4-Chlorotoluene	0.611	0.816	0.789	0.783	0.767	0.753	10.82
72)	T	C304	1,3,5-Trimethyl	1.920	2.721	2.650	2.638	2.567	2.499	13.13
73)	T	C306	tert-Butylbenze	0.361	0.486	0.488	0.488	0.488	0.462	12.22
74)	T	C307	1,2,4-Trimethyl	2.023	2.754	2.709	2.684	2.606	2.555	11.84
75)	T	C308	sec-Butylbenzen	2.158	2.876	2.886	2.869	2.804	2.719	11.59
76)	T	C260	1,3-Dichloroben	1.279	1.571	1.520	1.479	1.447	1.459	7.61
77)	T	C309	4-Isopropyltolu	1.840	2.485	2.502	2.493	2.447	2.353	12.23

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration

Calibration Files
1 =P9604.D 2 =P9606.D 3 =P9607.D
4 =P9608.D 5 =P9609.D

		Compound	1	2	3	4	5	Avg	%RSD
78)	T	C267 1,4-Dichloroben	1.420	1.621	1.562	1.530	1.498	1.526	4.90
79)	T	C249 1,2-Dichloroben	1.210	1.581	1.541	1.520	1.495	1.469	10.09
80)	T	C310 n-Butylbenzene	1.812	2.452	2.435	2.430	2.356	2.297	11.90
81)	T	C286 1,2-Dibromo-3-C	0.126	0.177	0.205	0.233	0.252	-----	
							L	M= 0.257	R^2=0.997
								B= -0.035	
82)	T	C313 1,2,4-Trichloro	0.901	0.988	0.981	0.993	0.991	0.971	4.05
83)	T	C316 Hexachlorobutad	0.368	0.371	0.362	0.359	0.357	0.364	1.66
84)	T	C314 Naphthalene	2.159	2.706	2.894	2.908	2.901	2.713	11.84
85)	T	C934 1,2,3-Trichloro	0.850	0.892	0.911	0.916	0.899	0.894	2.90

Total Average %RSD 8.85□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 07/24/2008
Time: 14:15:45

ICC Profile

Page: 1
Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000
CCC Conc: 125.00

QC Approver: LH
QC Date: 03/17/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
201 110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202 142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203 534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204 75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210 96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220 106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230 74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240 95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250 541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260 106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270 75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280 75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290 107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300 75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307 109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310 156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320 156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330 78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340 142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350 594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360 563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370 10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380 10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390 100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410 87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418 591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420 98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430 99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440 75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458 108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460 91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470 103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480 100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490 630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500 79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510 127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520 108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530 87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540 120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550 71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560 79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570 79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580 75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590 96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600 95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610 108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620 75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630 1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646 SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648 2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650 460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660 SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 07/24/2008
Time: 14:15:45

ICC Profile

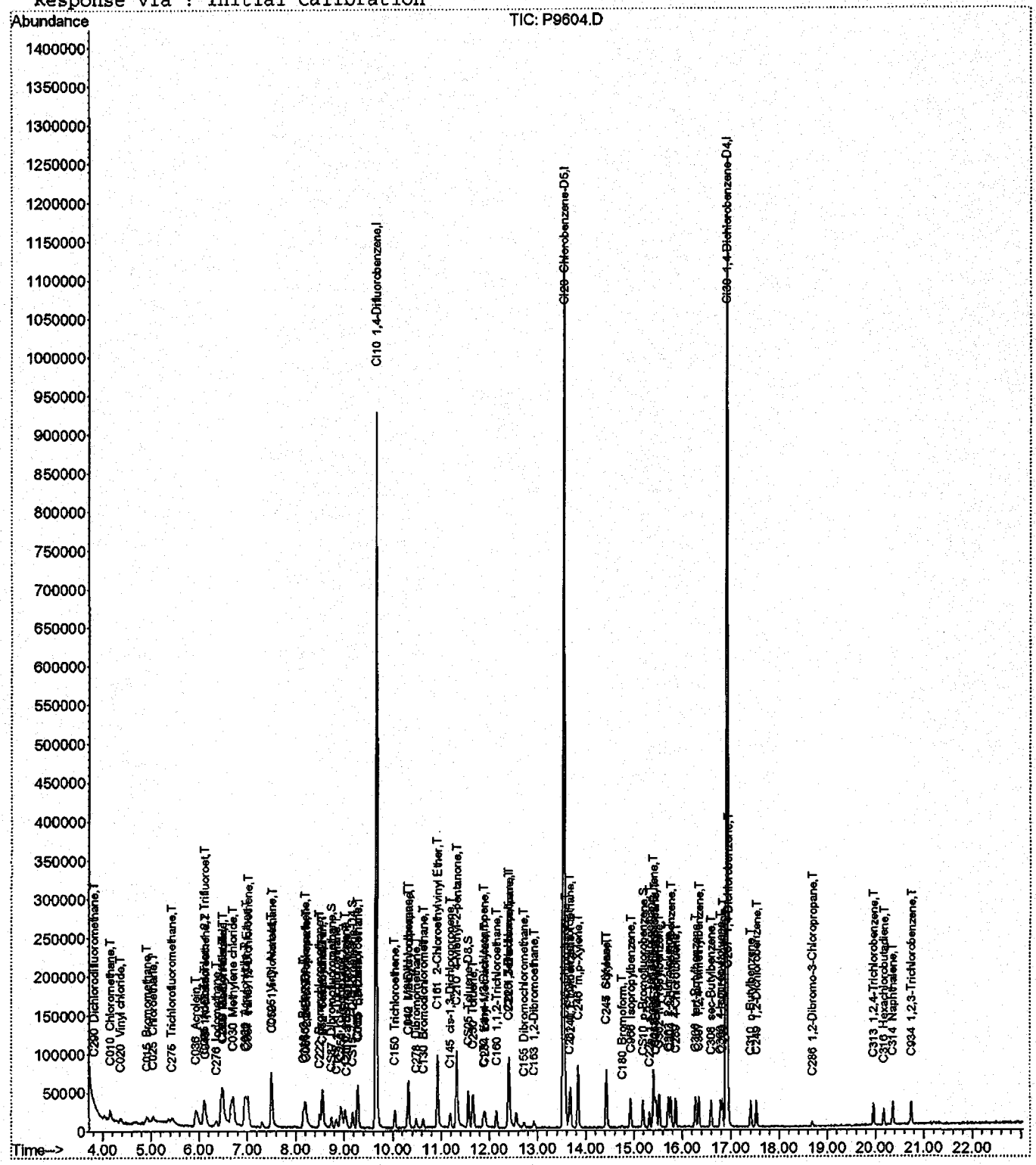
ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000
***	67-63-0	2-Propanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\072308\P9604.D Vial: 14
Acq On : 23 Jul 2008 16:14 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:58 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9604.D Vial: 14
Acq On : 23 Jul 2008 16:14 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 08:57:58 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072308\P9607.D (23 Jul 2008 17:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.65	114	767203	125.00	ng		0.00 102.87%
43) CI20	Chlorobenzene-D5	13.54	117	679281	125.00	ng		0.00 99.07%
62) CI30	1,4-Dichlorobenzene-	16.91	152	342116	125.00	ng		0.00 96.09%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	10094	4.88	ng		-0.01
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.90%#		
31) CS15	1,2-Dichloroethane-D	9.18	65	17507	5.33	ng		-0.01
Spiked Amount	125.000	Range	66 - 137	Recovery	=	4.26%#		
44) CS05	Toluene-D8	11.57	98	35905	4.84	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	3.87%#		
61) CS10	p-Bromofluorobenzene	15.20	174	11429	5.16	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	4.13%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.83	85	12811m	5.58	ng		94
3) C010	Chloromethane	4.16	50	22487	5.74	ng		96
4) C020	Vinyl chloride	4.37	62	14621	5.07	ng		93
5) C015	Bromomethane	4.92	94	8656	5.27	ng		83
6) C025	Chloroethane	5.04	64	10670	5.27	ng		98
7) C275	Trichlorofluorometha	5.43	101	20383m	5.35	ng		88
8) C045	1,1-Dichloroethene	6.13	96	7857	3.84	ng		84
9) C030	Methylene chloride	6.71	84	28794	8.35	ng	#	82
10) C040	Carbon disulfide	6.49	76	35972	4.82	ng		100
11) C036	Acrolein	5.93	56	49494	122.80	ng		100
12) C038	Acrylonitrile	6.94	53	42295	22.68	ng		99
13) C035	Acetone	6.10	43	44422	28.59	ng		93
14) C300	Acetonitrile	6.47	41	101944	177.54	ng		93
15) C276	Iodomethane	6.36	142	14811	4.32	ng		98
16) C291	1,1,2 Trichloro-1,2,	6.12	101	8235	4.69	ng	#	81
17) C962	T-butyl Methyl Ether	6.98	73	31879	4.69	ng	#	89
18) C057	trans-1,2-Dichloroet	7.02	96	9183	4.09	ng	#	84
19) C255	Methyl Acetate	6.50	43	28493	4.97	ng	#	81
20) C050	1,1-Dichloroethane	7.51	63	21328	4.19	ng		95
21) C125	Vinyl Acetate	7.49	43	137343	20.07	ng	#	89
22) C051	2,2-Dichloropropane	8.22	77	9253	3.40	ng		82
23) C056	cis-1,2-Dichloroethe	8.19	96	9874	4.09	ng		94
24) C272	Tetrahydrofuran	8.55	42	32917	23.07	ng	#	73
25) C222	Bromochloromethane	8.50	128	4764	4.23	ng	#	78
26) C060	Chloroform	8.54	83	17392	4.33	ng		96
27) C115	1,1,1-Trichloroethan	8.83	97	10985	3.42	ng		91
28) C120	Carbon tetrachloride	9.06	117	6988	3.17	ng	#	74
29) C116	1,1-Dichloropropene	9.01	75	11401	3.91	ng		91
32) C165	Benzene	9.28	78	37613	4.19	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9604.D Vial: 14
Acq On : 23 Jul 2008 16:14 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 08:57:58 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	18552	4.35	ng		89
34)	C110	2-Butanone	8.16	43	54239	22.96	ng	#	80
35)	C256	Cyclohexane	8.93	56	22962	4.62	ng	#	72
36)	C150	Trichloroethene	10.04	95	8713	3.92	ng		84
37)	C140	1,2-Dichloropropane	10.32	63	11152	3.90	ng		91
38)	C278	Dibromomethane	10.48	93	6326	4.00	ng		88
39)	C130	Bromodichloromethane	10.62	83	8707	3.31	ng		89
40)	C161	2-Chloroethylviny1 E	10.92	63	47239	21.68	ng		99
41)	C012	Methylcycolhexane	10.31	83	13893	4.78	ng	#	83
42)	C145	cis-1,3-Dichloroprop	11.18	75	11925	3.48	ng		94
45)	C230	Toluene	11.66	92	21789	4.18	ng		92
46)	C170	trans-1,3-Dichloropr	11.88	75	10053	3.27	ng		87
47)	C284	Ethyl Methacrylate	11.91	69	10679	3.52	ng	#	20
48)	C160	1,1,2-Trichloroethan	12.14	83	7218	4.08	ng		96
49)	C210	4-Methyl-2-pentanone	11.32	43	103791	23.36	ng		90
50)	C220	Tetrachloroethene	12.41	166	7689	4.28	ng		97
51)	C221	1,3-Dichloropropane	12.39	76	15031	4.25	ng		89
52)	C155	Dibromochloromethane	12.72	129	4437	2.84	ng		89
53)	C163	1,2-Dibromoethane	12.92	107	7715	3.68	ng		86
54)	C215	2-Hexanone	12.41	43	68884	22.38	ng		95
55)	C235	Chlorobenzene	13.58	112	22980	4.25	ng		99
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	5069	3.18	ng		92
57)	C240	Ethylbenzene	13.68	91	37956	4.05	ng		97
58)	C246	m,p-Xylene	13.84	106	27643	8.18	ng		93
59)	C247	o-Xylene	14.42	106	14149	4.09	ng		98
60)	C245	Styrene	14.43	104	22571	3.94	ng		87
63)	C180	Bromoform	14.75	173	1959	2.16	ng		88
64)	C966	Isopropylbenzene	14.93	105	31712	3.88	ng		91
65)	C301	Bromobenzene	15.46	156	8615	4.03	ng		91
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	12281	4.16	ng		99
67)	C282	1,2,3-Trichloropropa	15.43	110	3745	4.54	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	6962	14.25	ng	#	65
69)	C302	n-Propylbenzene	15.53	91	42384	4.10	ng		93
70)	C303	2-Chlorotoluene	15.71	126	8150	4.06	ng		100
71)	C289	4-Chlorotoluene	15.86	126	8359	4.06	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	26280	3.84	ng		59
73)	C306	tert-Butylbenzene	16.27	134	4942	3.91	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	27678	3.96	ng		93
75)	C308	sec-Butylbenzene	16.60	105	29531	3.97	ng		99
76)	C260	1,3-Dichlorobenzene	16.83	146	17502	4.38	ng		98
77)	C309	4-Isopropyltoluene	16.78	119	25180	3.91	ng		93
78)	C267	1,4-Dichlorobenzene	16.94	146	19427	4.65	ng		94
79)	C249	1,2-Dichlorobenzene	17.53	146	16562	4.12	ng		97
80)	C310	n-Butylbenzene	17.41	91	24803	3.95	ng		97
81)	C286	1,2-Dibromo-3-Chloro	18.69	75	1725	3.18	ng		84
82)	C313	1,2,4-Trichlorobenze	19.95	180	12332	4.64	ng	#	79
83)	C316	Hexachlorobutadiene	20.17	225	5041	5.06	ng		96
84)	C314	Naphthalene	20.36	128	29544	3.98	ng		97
85)	C934	1,2,3-Trichlorobenze	20.74	180	11638	4.76	ng		89

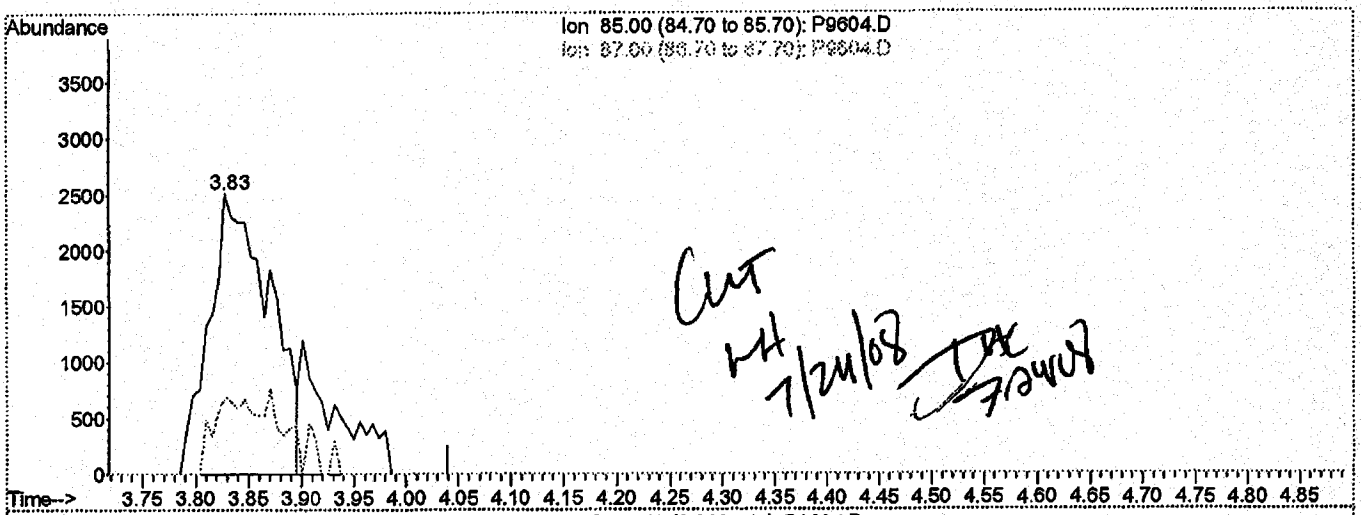
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

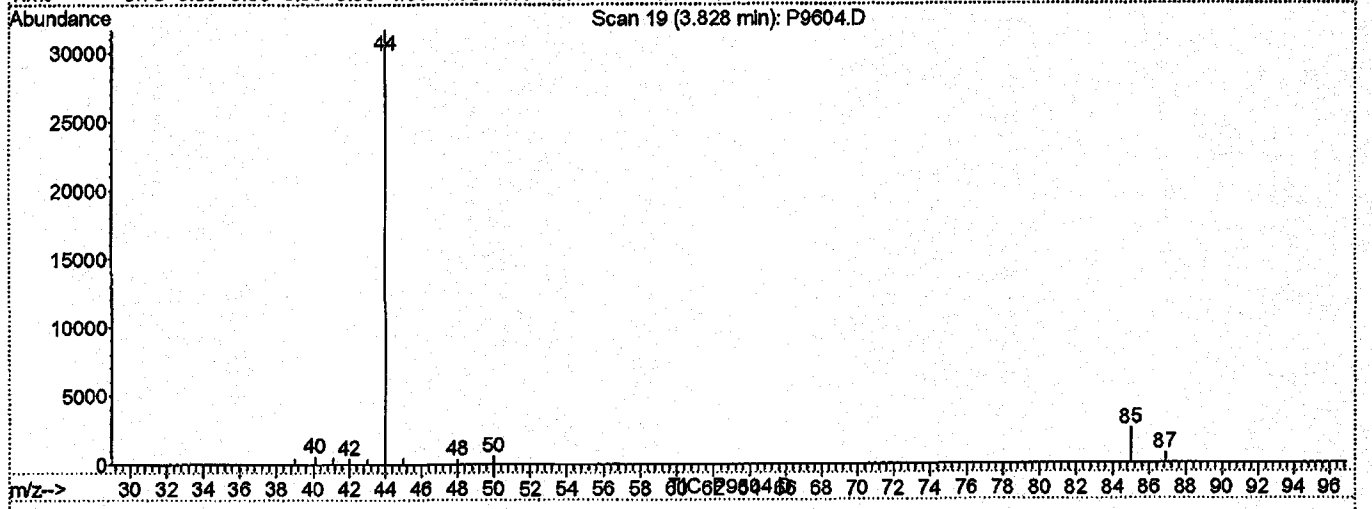
Data File : H:\GCMS_VOA\P\072308\P9604.D
Acq On : 23 Jul 2008 16:14
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:57 2008

Vial: 14
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration



CLT
LH 7/24/08



(2) C290 Dichlorodifluoromethane (T)

3.83min 4.36ng

response 9998

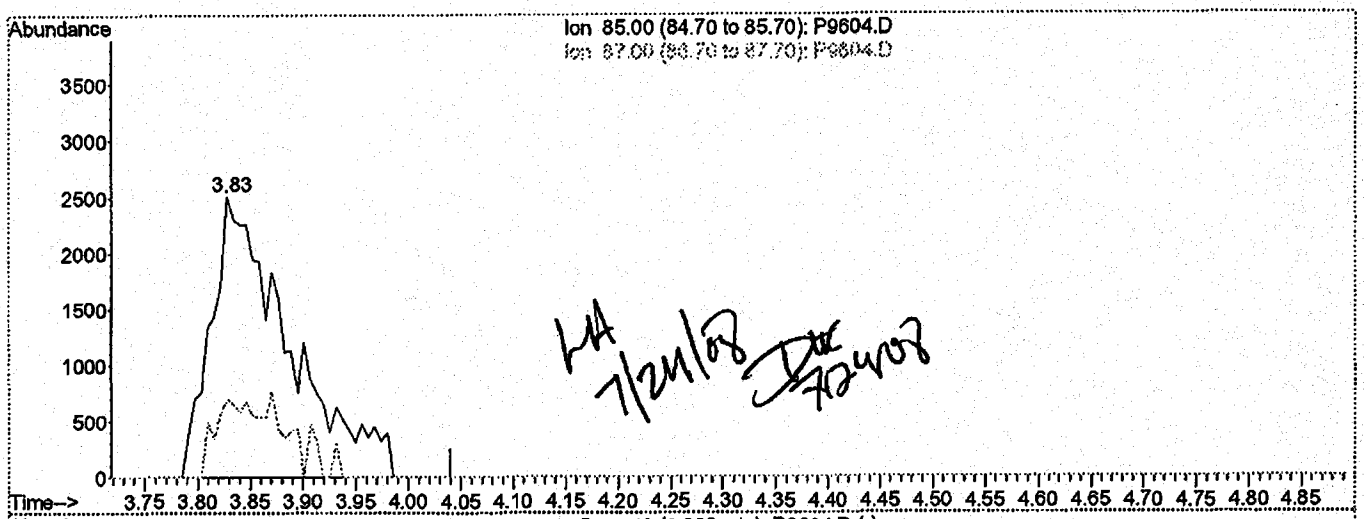
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	27.82
0.00	0.00	0.00
0.00	0.00	0.00

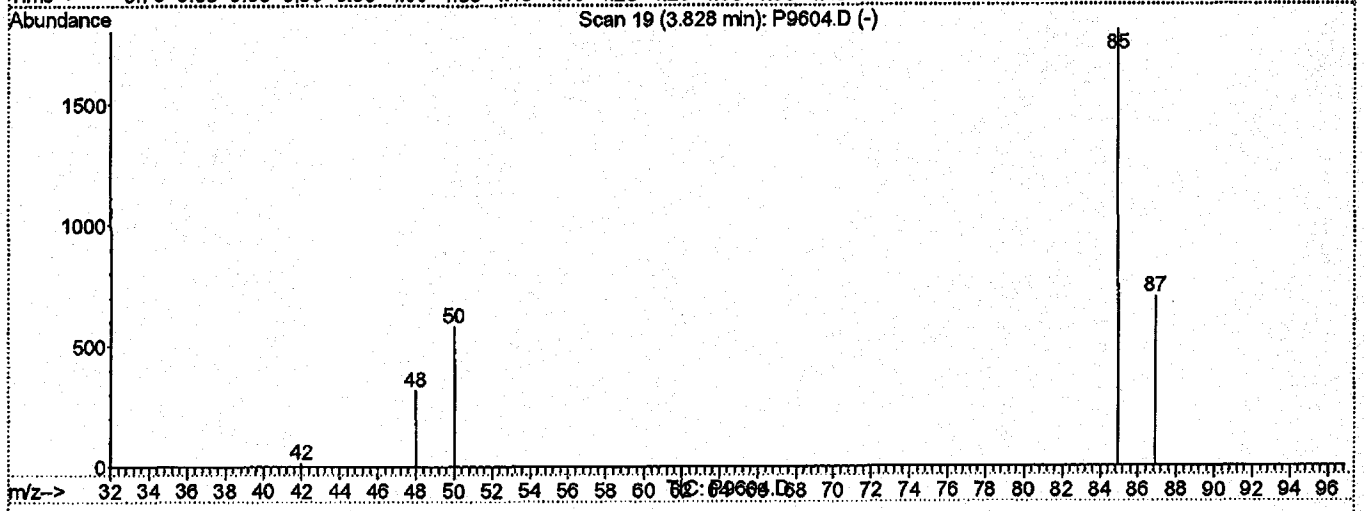
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9604.D
Acq On : 23 Jul 2008 16:14
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:58 2008

Vial: 14
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.83min 5.58ng m

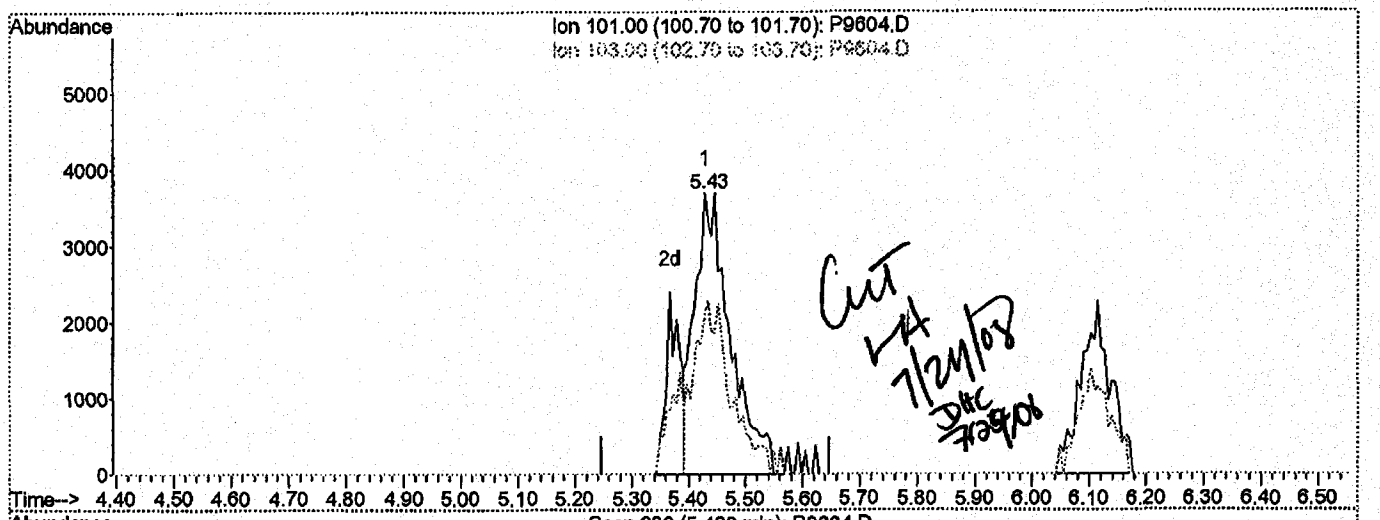
response 12811

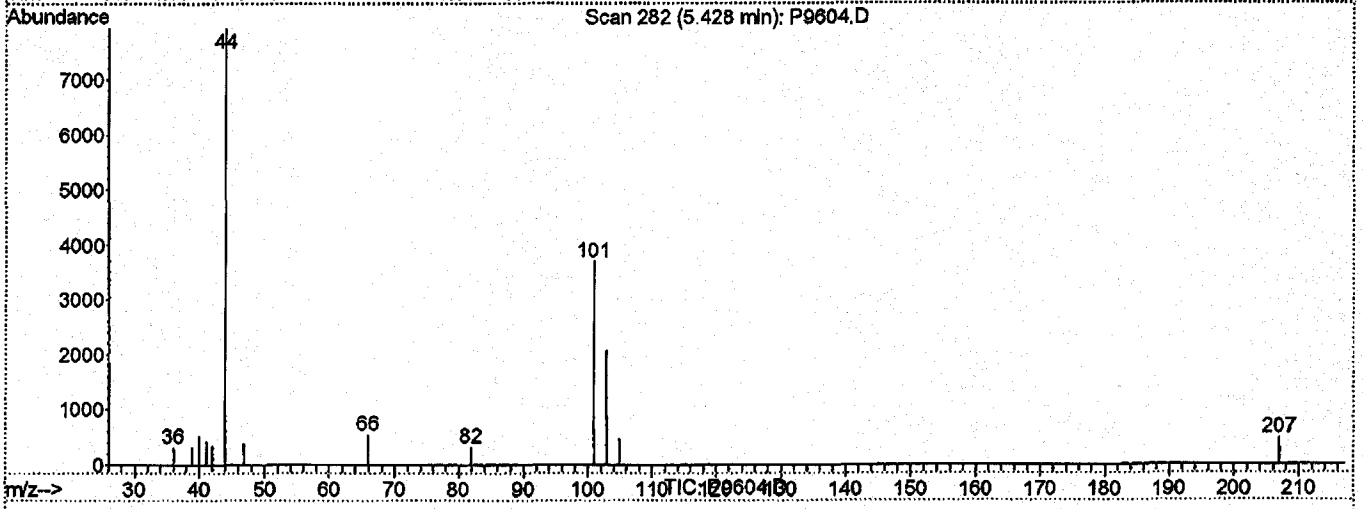
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	27.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9604.D Vial: 14
Acq On : 23 Jul 2008 16:14 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:58 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.43min 4.24ng

response 16151

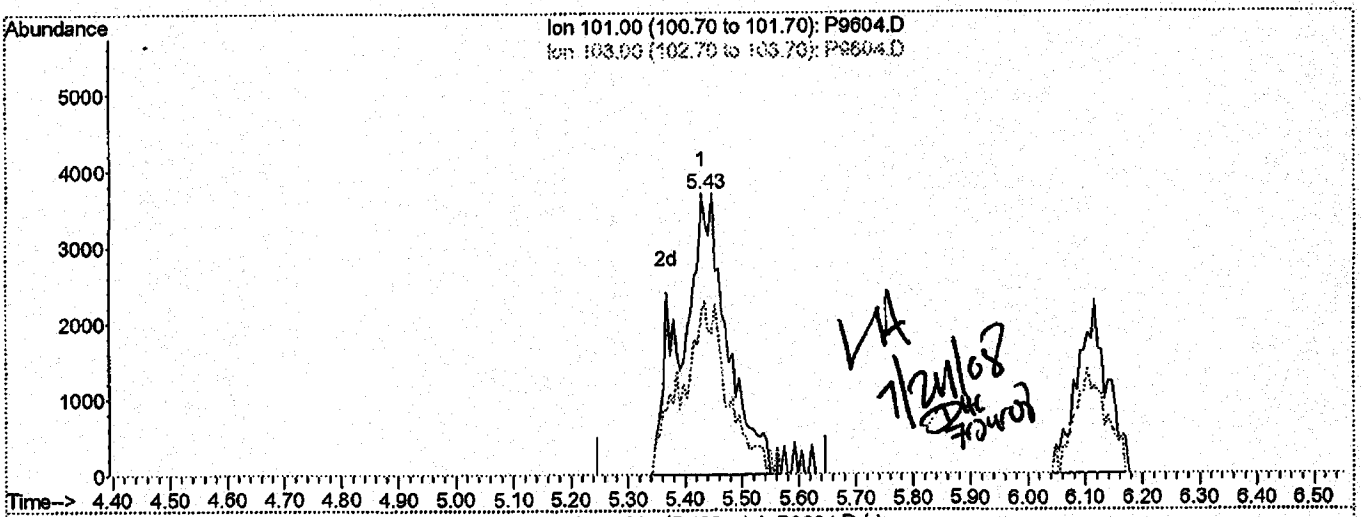
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	55.94
0.00	0.00	0.00
0.00	0.00	0.00

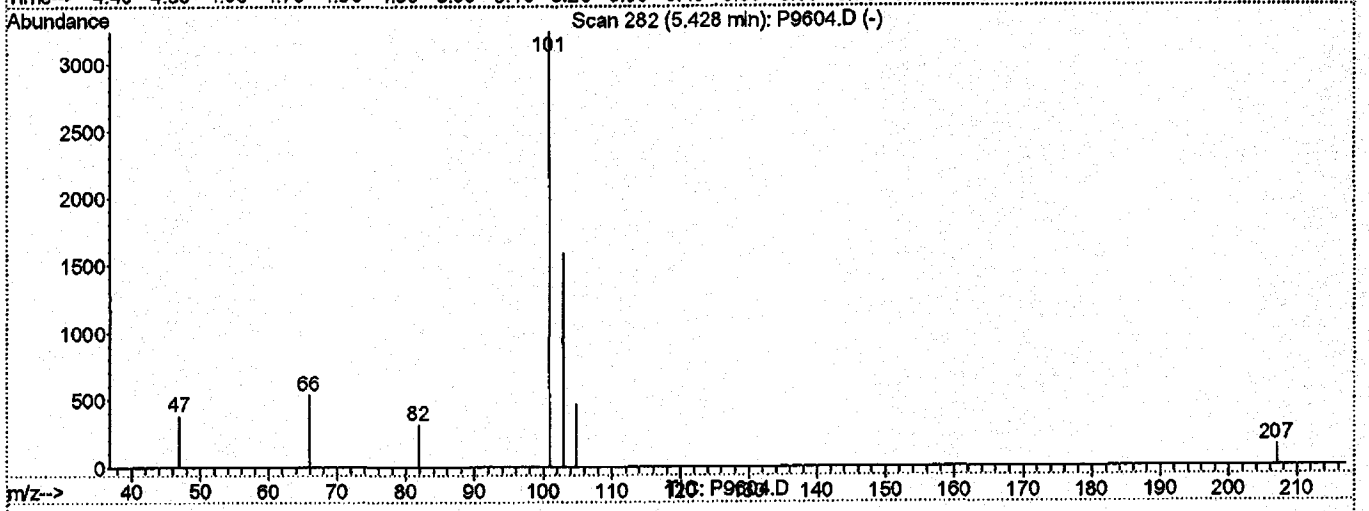
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9604.D
Acq On : 23 Jul 2008 16:14
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:58 2008

Vial: 14
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.43min 5.35ng m

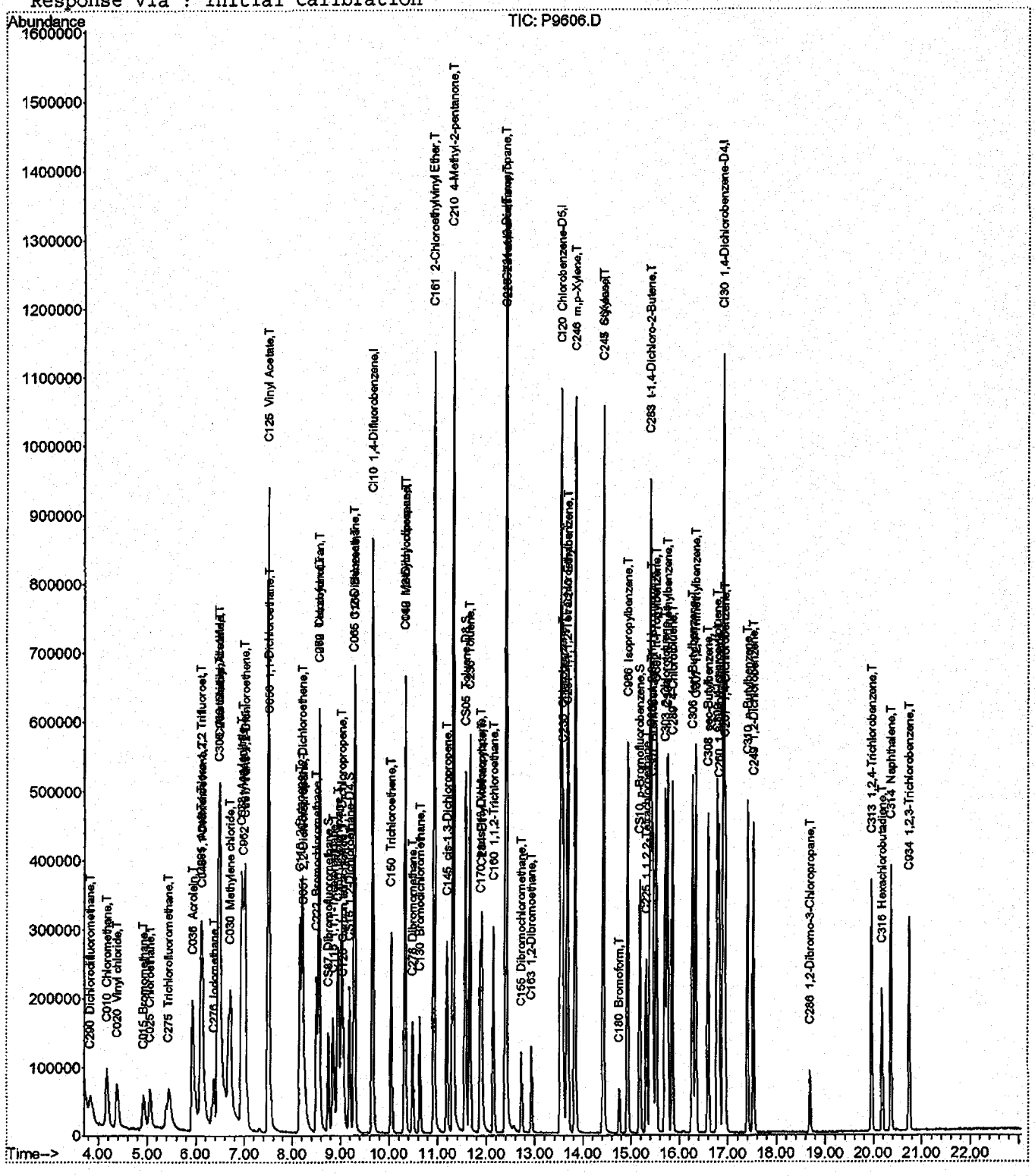
response 20383

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	55.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\072308\P9606.D Vial: 16
Acq On : 23 Jul 2008 17:10 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9606.D Vial: 16
Acq On : 23 Jul 2008 17:10 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 08:59:12 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072308\P9607.D (23 Jul 2008 17:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	716408	125.00	ng		0.00 96.06%
43) CI20	Chlorobenzene-D5	13.54	117	655604	125.00	ng		0.00 95.61%
62) CI30	1,4-Dichlorobenzene-	16.91	152	334816	125.00	ng		0.00 94.04%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	104574	54.10	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	43.28%#			
31) CS15	1,2-Dichloroethane-D	9.18	65	166789	54.37	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	43.50%#			
44) CS05	Toluene-D8	11.57	98	382751	53.47	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	42.78%#			
61) CS10	p-Bromofluorobenzene	15.19	174	111538	52.14	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	41.71%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.85	85	110884m	51.75	ng		95
3) C010	Chloromethane	4.18	50	192360	52.58	ng		100
4) C020	Vinyl chloride	4.39	62	141116	52.45	ng		96
5) C015	Bromomethane	4.92	94	69540	45.32	ng		97
6) C025	Chloroethane	5.06	64	97618	51.67	ng		94
7) C275	Trichlorofluorometha	5.45	101	179254m	50.36	ng		98
8) C045	1,1-Dichloroethene	6.14	96	105329	55.16	ng	#	71
9) C030	Methylene chloride	6.71	84	147184	45.68	ng	#	69
10) C040	Carbon disulfide	6.49	76	359752	51.60	ng		99
11) C036	Acrolein	5.94	56	364035	967.21	ng		95
12) C038	Acrylonitrile	6.94	53	444817	255.43	ng		99
13) C035	Acetone	6.11	43	363927	250.82	ng		96
14) C300	Acetonitrile	6.47	41	1163439	2169.88	ng		98
15) C276	Iodomethane	6.38	142	166614	52.04	ng		97
16) C291	1,1,2 Trichloro-1,2,	6.12	101	93689	57.12	ng		94
17) C962	T-butyl Methyl Ether	6.99	73	317633	50.07	ng	#	86
18) C057	trans-1,2-Dichloroet	7.02	96	115342	54.99	ng	#	81
19) C255	Methyl Acetate	6.50	43	264575	49.43	ng	#	86
20) C050	1,1-Dichloroethane	7.52	63	259091	54.46	ng		99
21) C125	Vinyl Acetate	7.50	43	1640655	256.69	ng	#	89
22) C051	2,2-Dichloropropane	8.23	77	135791	53.44	ng		95
23) C056	cis-1,2-Dichloroethe	8.21	96	122008	54.07	ng	#	82
24) C272	Tetrahydrofuran	8.55	42	343193	257.60	ng	#	78
25) C222	Bromochloromethane	8.50	128	56337	53.57	ng	#	68
26) C060	Chloroform	8.55	83	205961	54.86	ng		99
27) C115	1,1,1-Trichloroethan	8.85	97	159768	53.32	ng		91
28) C120	Carbon tetrachloride	9.06	117	101466	49.25	ng		97
29) C116	1,1-Dichloropropene	9.02	75	149622	55.02	ng		98
32) C165	Benzene	9.29	78	459329	54.83	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9606.D Vial: 16
Acq On : 23 Jul 2008 17:10 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 08:59:12 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	218485	54.83	ng		89
34)	C110	2-Butanone	8.16	43	554367	251.33	ng	#	83
35)	C256	Cyclohexane	8.94	56	238132	51.27	ng	#	74
36)	C150	Trichloroethene	10.04	95	111906	53.93	ng		97
37)	C140	1,2-Dichloropropane	10.33	63	144865	54.30	ng		93
38)	C278	Dibromomethane	10.48	93	79151	53.63	ng		96
39)	C130	Bromodichloromethane	10.63	83	121977	49.58	ng		96
40)	C161	2-Chloroethylvinyl E	10.92	63	534239	262.62	ng		99
41)	C012	Methylcycolhexane	10.33	83	140610	51.77	ng		87
42)	C145	cis-1,3-Dichloroprop	11.19	75	164743	51.49	ng		98
45)	C230	Toluene	11.66	92	269793	53.62	ng		97
46)	C170	trans-1,3-Dichloropr	11.88	75	148586	50.11	ng		95
47)	C284	Ethyl Methacrylate	11.91	69	148276	50.57	ng	#	37
48)	C160	1,1,2-Trichloroethan	12.14	83	91764	53.80	ng		87
49)	C210	4-Methyl-2-pentanone	11.32	43	1126275	262.64	ng		93
50)	C220	Tetrachloroethene	12.41	166	95556	55.16	ng		97
51)	C221	1,3-Dichloropropane	12.39	76	187584	54.93	ng		99
52)	C155	Dibromochloromethane	12.72	129	67982	45.05	ng		96
53)	C163	1,2-Dibromoethane	12.93	107	107788	53.31	ng		91
54)	C215	2-Hexanone	12.40	43	799620	269.18	ng		93
55)	C235	Chlorobenzene	13.59	112	281252	53.84	ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	76539	49.73	ng		97
57)	C240	Ethylbenzene	13.69	91	495078	54.67	ng		100
58)	C246	m,p-Xylene	13.84	106	356420	109.27	ng		94
59)	C247	o-Xylene	14.43	106	182379	54.61	ng		100
60)	C245	Styrene	14.43	104	300840	54.38	ng		87
63)	C180	Bromoform	14.75	173	36794	41.43	ng		98
64)	C966	Isopropylbenzene	14.93	105	431020	53.92	ng		92
65)	C301	Bromobenzene	15.46	156	116097	55.43	ng		92
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	153557	53.17	ng		96
67)	C282	1,2,3-Trichloropropa	15.43	110	43937	54.42	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	110501	231.08	ng	#	80
69)	C302	n-Propylbenzene	15.53	91	550747	54.49	ng		96
70)	C303	2-Chlorotoluene	15.71	126	105581	53.72	ng		100
71)	C289	4-Chlorotoluene	15.86	126	109304	54.18	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	364380	54.43	ng	#	49
73)	C306	tert-Butylbenzene	16.27	134	65140	52.62	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	368800	53.89	ng		99
75)	C308	sec-Butylbenzene	16.60	105	385194	52.90	ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	210457	53.84	ng		98
77)	C309	4-Isopropyltoluene	16.79	119	332769	52.79	ng		95
78)	C267	1,4-Dichlorobenzene	16.95	146	217053	53.10	ng		97
79)	C249	1,2-Dichlorobenzene	17.53	146	211766	53.80	ng		97
80)	C310	n-Butylbenzene	17.41	91	328403	53.37	ng		100
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	23700	44.57	ng		92
82)	C313	1,2,4-Trichlorobenze	19.96	180	132358	50.89	ng		99
83)	C316	Hexachlorobutadiene	20.18	225	49731	51.06	ng		97
84)	C314	Naphthalene	20.36	128	362388	49.86	ng		99
85)	C934	1,2,3-Trichlorobenze	20.74	180	119520	49.93	ng		99

(#) = qualifier out of range (m) = manual integration

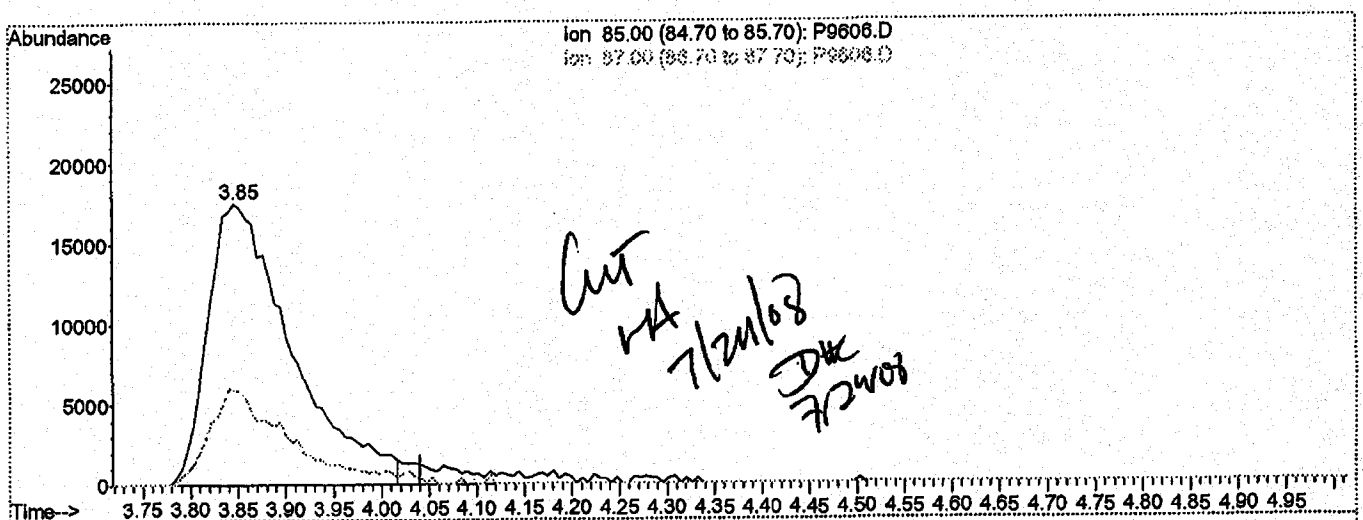
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9606.D
Acq On : 23 Jul 2008 17:10
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2008

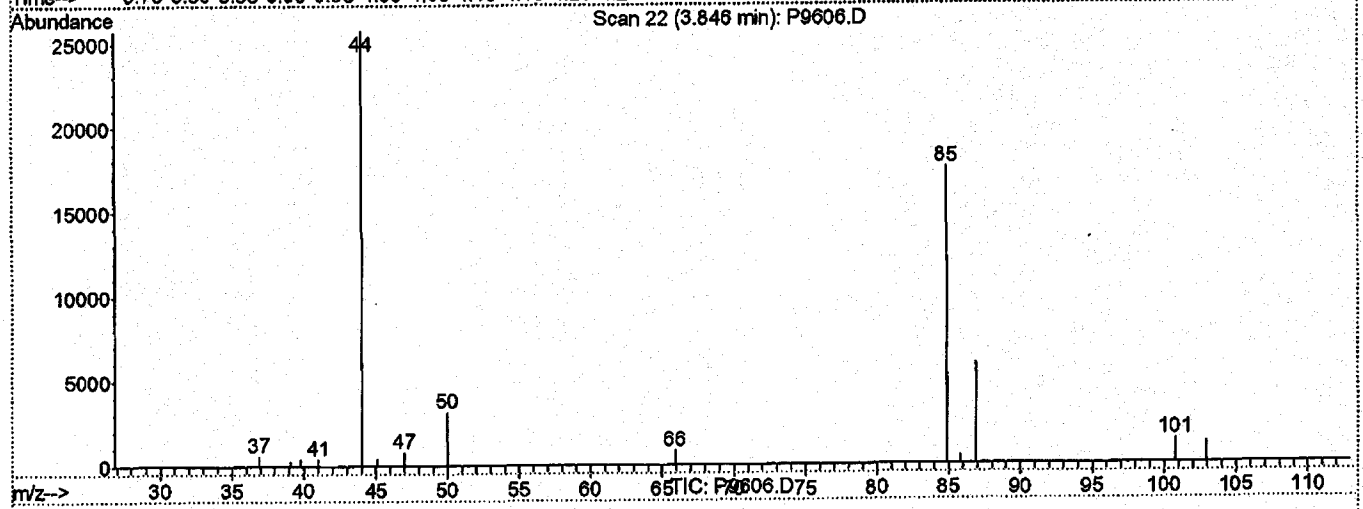
Vial: 16
Operator: LH
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration



Cut RA 7/24/08 DK 7/24/08



(2) C290 Dichlorodifluoromethane (T)

3.85min 50.19ng

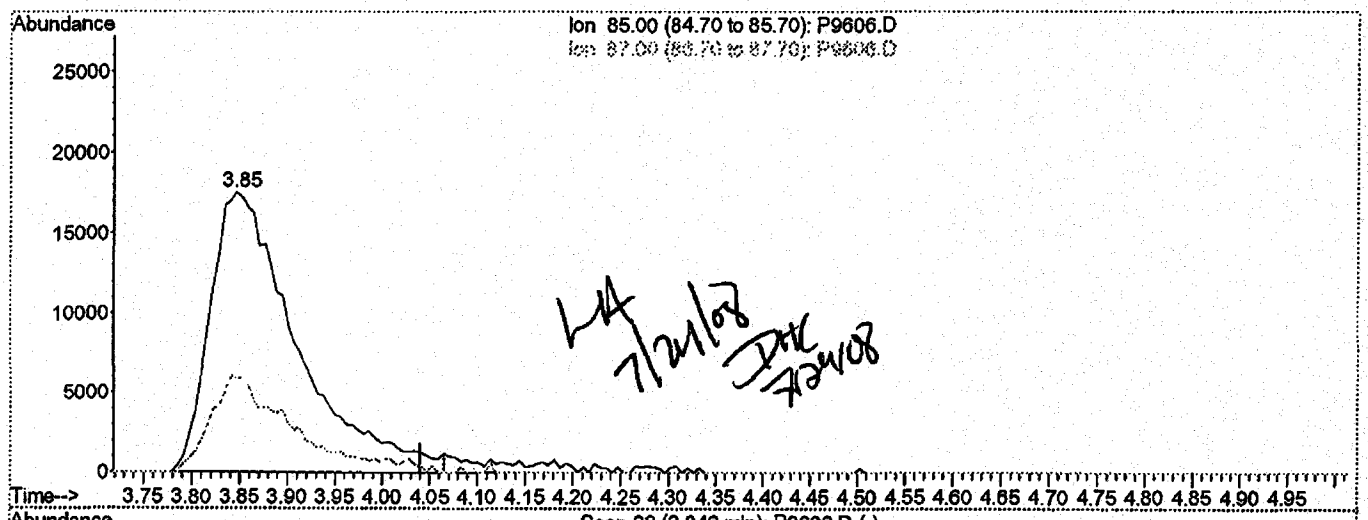
response 107549

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	33.75
0.00	0.00	0.00
0.00	0.00	0.00

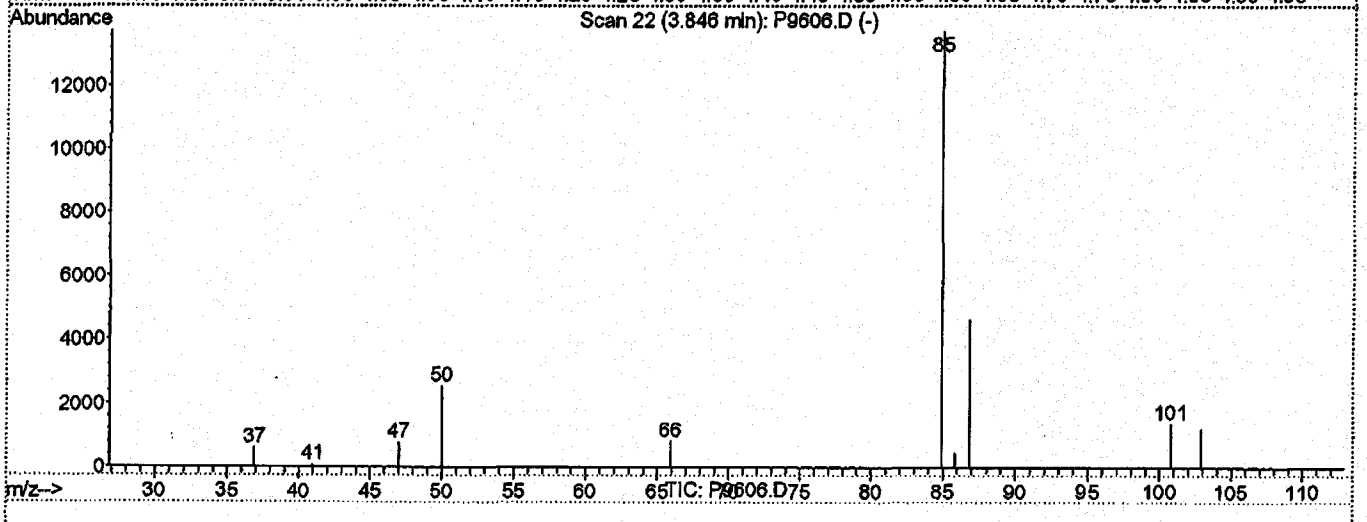
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9606.D Vial: 16
Acq On : 23 Jul 2008 17:10 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration



LA 7/24/08 DK 7/24/08



(2) C290 Dichlorodifluoromethane (T)

3.85min 51.75ng m

response 110884

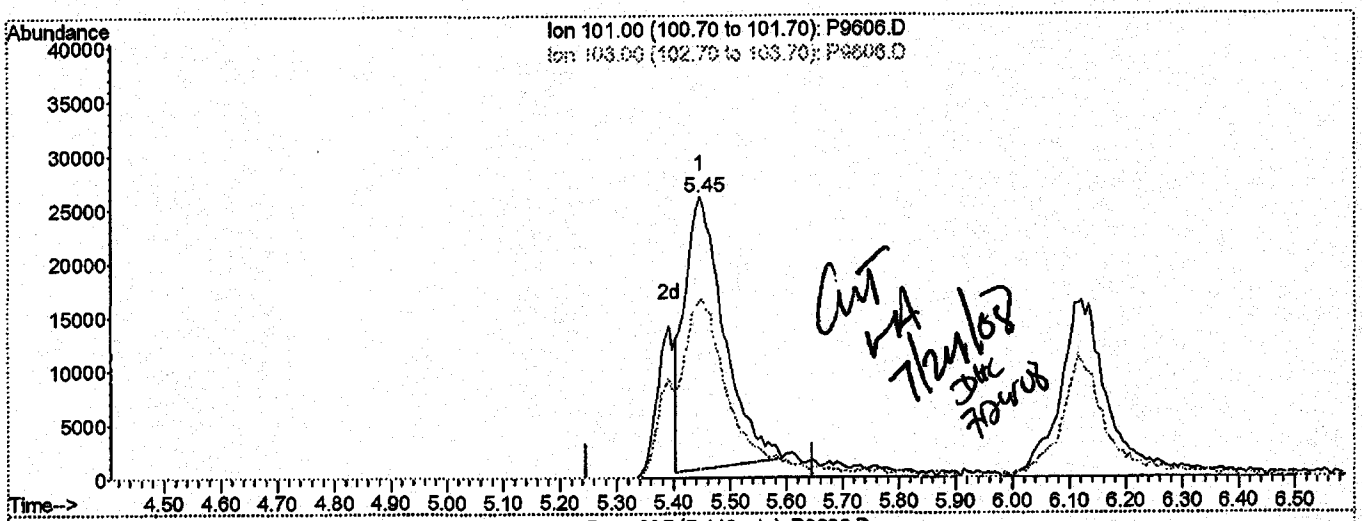
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	33.75
0.00	0.00	0.00
0.00	0.00	0.00

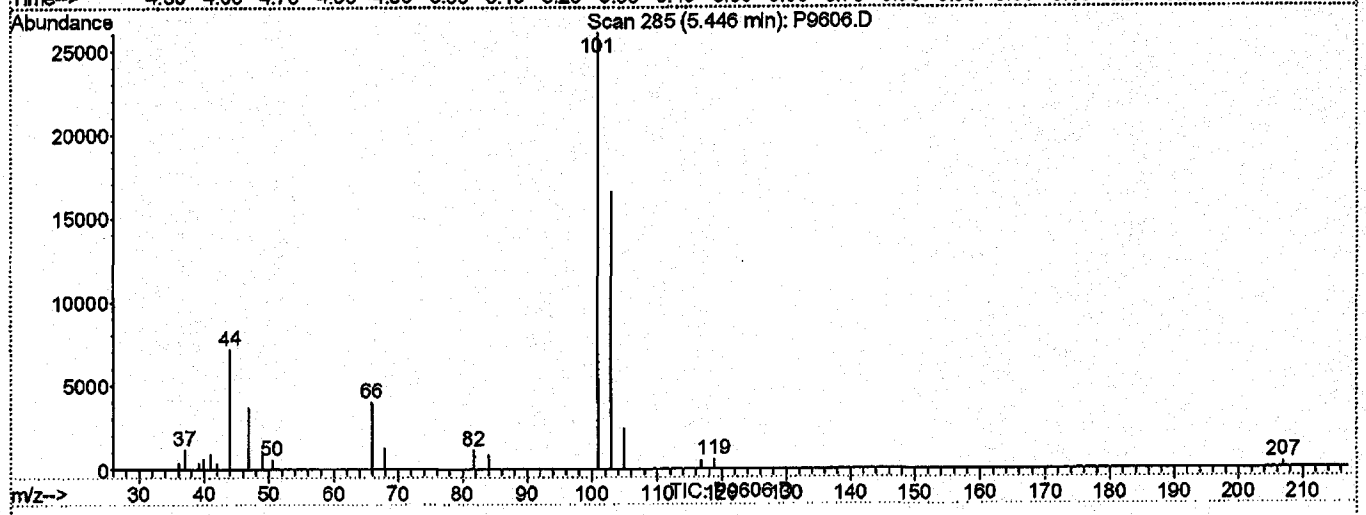
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9606.D
Acq On : 23 Jul 2008 17:10
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2008

Vial: 16
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 34.19ng

response 121688

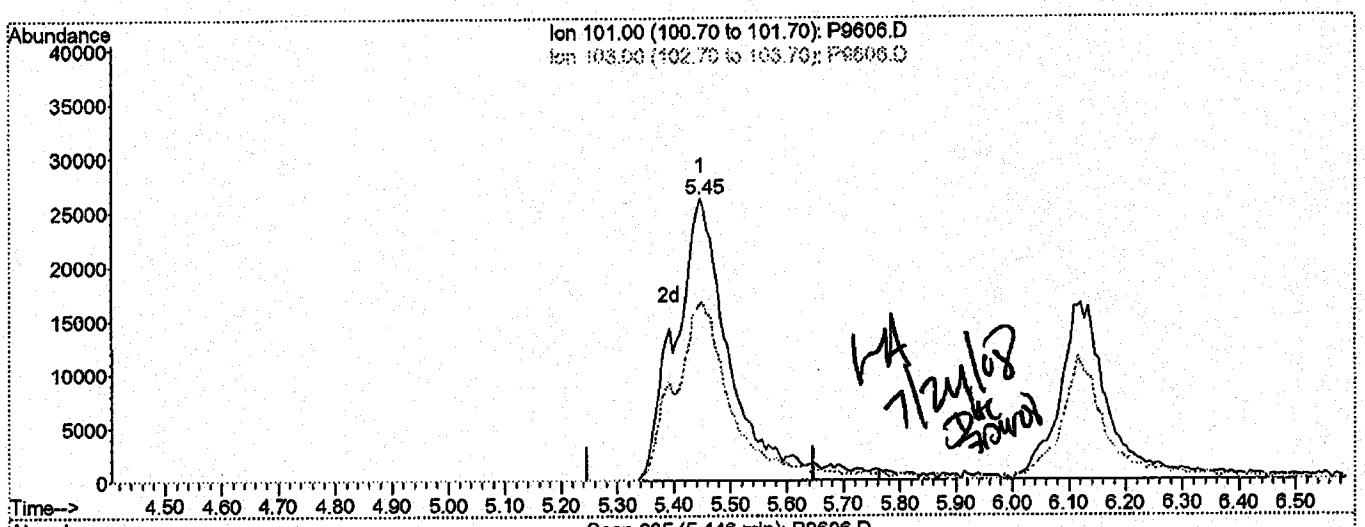
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.37
0.00	0.00	0.00
0.00	0.00	0.00

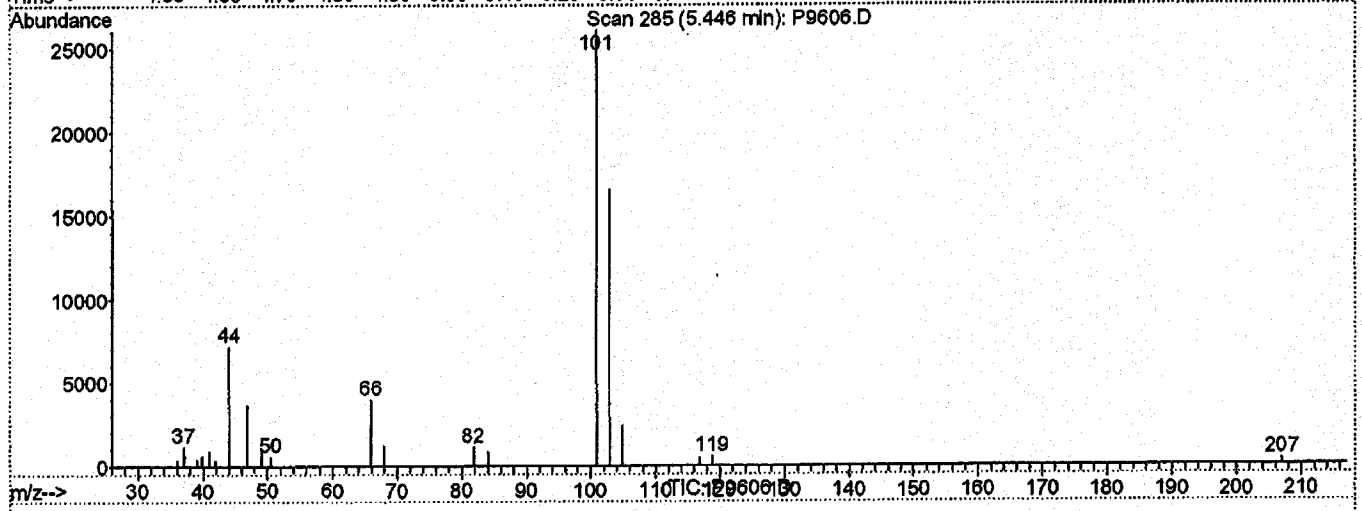
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9606.D
Acq On : 23 Jul 2008 17:10
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 8:59 2008

Vial: 16
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 50.36ng m

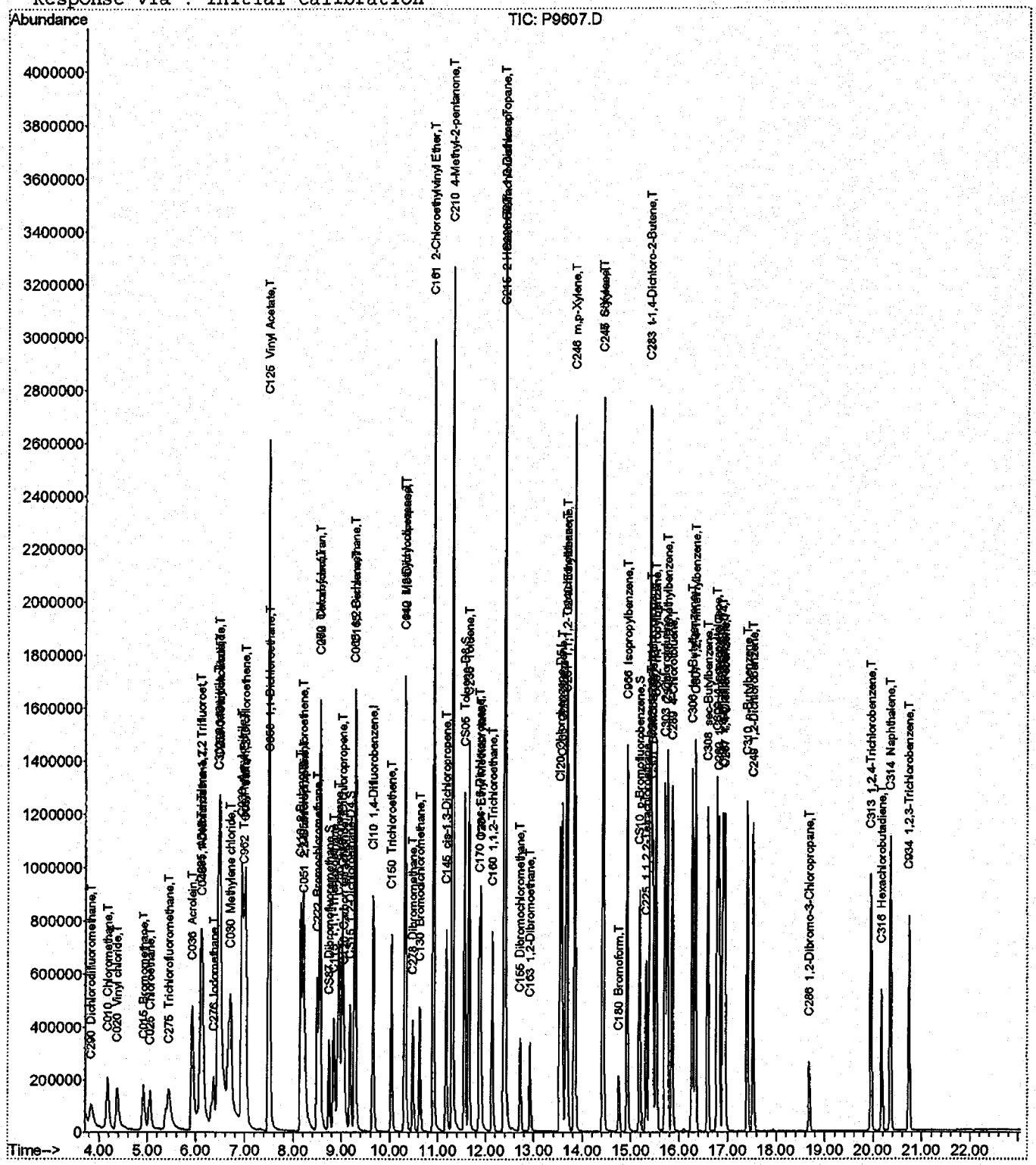
response 179254

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\072308\P9607.D Vial: 17
Acq On : 23 Jul 2008 17:38 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9607.D Vial: 17
Acq On : 23 Jul 2008 17:38 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 09:00:08 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072308\P9607.D (23 Jul 2008 17:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	745777	125.00	ng		0.00 100.00%
43) CI20	Chlorobenzene-D5	13.54	117	685671	125.00	ng		0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	16.91	152	356044	125.00	ng		0.00 100.00%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	242307	120.43	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	96.34%			
31) CS15	1,2-Dichloroethane-D	9.18	65	373908	117.09	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	93.67%			
44) CS05	Toluene-D8	11.57	98	934022	124.75	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	99.80%			
61) CS10	p-Bromofluorobenzene	15.19	174	276723	123.68	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	98.94%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.85	85	278232m	124.73	ng		97
3) C010	Chloromethane	4.19	50	466175	122.41	ng		98
4) C020	Vinyl chloride	4.38	62	353365	126.17	ng		94
5) C015	Bromomethane	4.93	94	224773	140.72	ng		99
6) C025	Chloroethane	5.06	64	245029	124.59	ng		94
7) C275	Trichlorofluorometha	5.45	101	468873m	126.54	ng		100
8) C045	1,1-Dichloroethene	6.14	96	267276	134.45	ng	#	74
9) C030	Methylene chloride	6.71	84	346940	103.44	ng	#	67
10) C040	Carbon disulfide	6.49	76	958765	132.11	ng		99
11) C036	Acrolein	5.93	56	913614	2331.81	ng		93
12) C038	Acrylonitrile	6.94	53	1194579	658.95	ng		98
13) C035	Acetone	6.11	43	945179	625.76	ng		99
14) C300	Acetonitrile	6.47	41	2988973	5355.06	ng		98
15) C276	Iodomethane	6.37	142	436998	131.12	ng		96
16) C291	1,1,2 Trichloro-1,2,	6.12	101	224328	131.39	ng		89
17) C962	T-butyl Methyl Ether	6.99	73	855785	129.58	ng	#	85
18) C057	trans-1,2-Dichloroet	7.02	96	289068	132.38	ng	#	84
19) C255	Methyl Acetate	6.50	43	712587	127.90	ng	#	85
20) C050	1,1-Dichloroethane	7.52	63	655421	132.35	ng		97
21) C125	Vinyl Acetate	7.49	43	4575840	687.72	ng	#	90
22) C051	2,2-Dichloropropane	8.23	77	360861	136.42	ng		94
23) C056	cis-1,2-Dichloroethe	8.20	96	310693	132.26	ng	#	80
24) C272	Tetrahydrofuran	8.55	42	915660	660.22	ng	#	80
25) C222	Bromochloromethane	8.50	128	143535	131.12	ng	#	66
26) C060	Chloroform	8.55	83	516513	132.15	ng		98
27) C115	1,1,1-Trichloroethan	8.84	97	418551	134.19	ng		93
28) C120	Carbon tetrachloride	9.05	117	288555	134.55	ng		92
29) C116	1,1-Dichloropropene	9.02	75	376745	133.07	ng		97
32) C165	Benzene	9.29	78	1150541	131.94	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9607.D Vial: 17
Acq On : 23 Jul 2008 17:38 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 09:00:08 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA

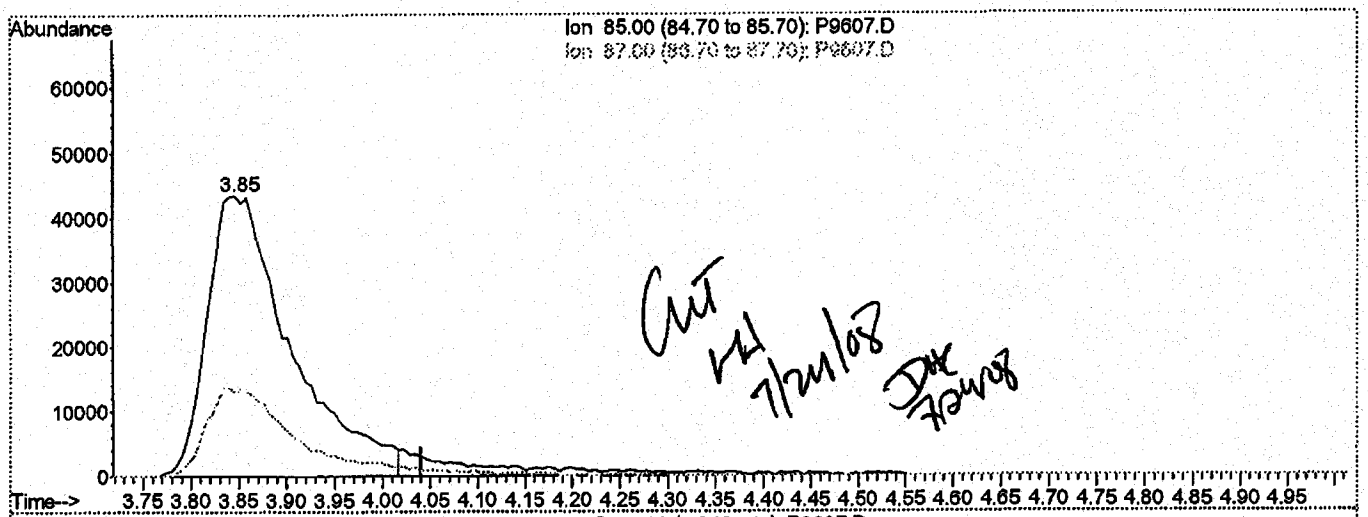
	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	544033	131.14 ng		88
34)	C110	2-Butanone	8.15	43	1503050	654.59 ng	#	82
35)	C256	Cyclohexane	8.94	56	653027	135.05 ng	#	73
36)	C150	Trichloroethene	10.04	95	287405	133.06 ng		98
37)	C140	1,2-Dichloropropane	10.33	63	368593	132.72 ng		91
38)	C278	Dibromomethane	10.48	93	204040	132.81 ng		98
39)	C130	Bromodichloromethane	10.63	83	341279	133.26 ng		97
40)	C161	2-Chloroethylvinyl E	10.92	63	1414585	668.00 ng		99
41)	C012	Methylcycolhexane	10.33	83	384115	135.85 ng		88
42)	C145	cis-1,3-Dichloroprop	11.19	75	443242	133.08 ng		98
45)	C230	Toluene	11.66	92	690891	131.28 ng		95
46)	C170	trans-1,3-Dichloropr	11.88	75	418547	134.96 ng		94
47)	C284	Ethyl Methacrylate	11.91	69	413671	134.89 ng	#	39
48)	C160	1,1,2-Trichloroethan	12.14	83	233576	130.94 ng		88
49)	C210	4-Methyl-2-pentanone	11.32	43	2989951	666.67 ng	#	92
50)	C220	Tetrachloroethene	12.41	166	241602	133.36 ng		97
51)	C221	1,3-Dichloropropane	12.39	76	473570	132.58 ng		97
52)	C155	Dibromochloromethane	12.72	129	207269	131.32 ng		97
53)	C163	1,2-Dibromoethane	12.93	107	282611	133.64 ng		97
54)	C215	2-Hexanone	12.40	43	2114458	680.60 ng		96
55)	C235	Chlorobenzene	13.58	112	707840	129.55 ng		99
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	218792	135.91 ng		96
57)	C240	Ethylbenzene	13.68	91	1263201	133.37 ng		99
58)	C246	m,p-Xylene	13.84	106	906500	265.72 ng		96
59)	C247	o-Xylene	14.43	106	462973	132.54 ng		99
60)	C245	Styrene	14.43	104	771104	133.28 ng		87
63)	C180	Bromoform	14.75	173	119462	126.49 ng		97
64)	C966	Isopropylbenzene	14.93	105	1130198	132.95 ng		94
65)	C301	Bromobenzene	15.46	156	290923	130.61 ng		91
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	396044	128.95 ng		96
67)	C282	1,2,3-Trichloropropa	15.43	110	111984	130.44 ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	354418	696.97 ng	#	77
69)	C302	n-Propylbenzene	15.53	91	1410341	131.21 ng		96
70)	C303	2-Chlorotoluene	15.71	126	272718	130.49 ng		100
71)	C289	4-Chlorotoluene	15.86	126	280918	130.94 ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	943674	132.56 ng	#	50
73)	C306	tert-Butylbenzene	16.27	134	173644	131.91 ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	964538	132.53 ng		100
75)	C308	sec-Butylbenzene	16.60	105	1027709	132.71 ng		97
76)	C260	1,3-Dichlorobenzene	16.82	146	541308	130.22 ng		96
77)	C309	4-Isopropyltoluene	16.79	119	890712	132.88 ng		96
78)	C267	1,4-Dichlorobenzene	16.95	146	556217	127.96 ng		97
79)	C249	1,2-Dichlorobenzene	17.53	146	548671	131.08 ng		97
80)	C310	n-Butylbenzene	17.41	91	867127	132.53 ng		100
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	72974	129.06 ng		98
82)	C313	1,2,4-Trichlorobenze	19.96	180	349280	126.30 ng		100
83)	C316	Hexachlorobutadiene	20.17	225	129008	124.55 ng		91
84)	C314	Naphthalene	20.36	128	1030282	133.30 ng		100
85)	C934	1,2,3-Trichlorobenze	20.74	180	324343	127.42 ng		97

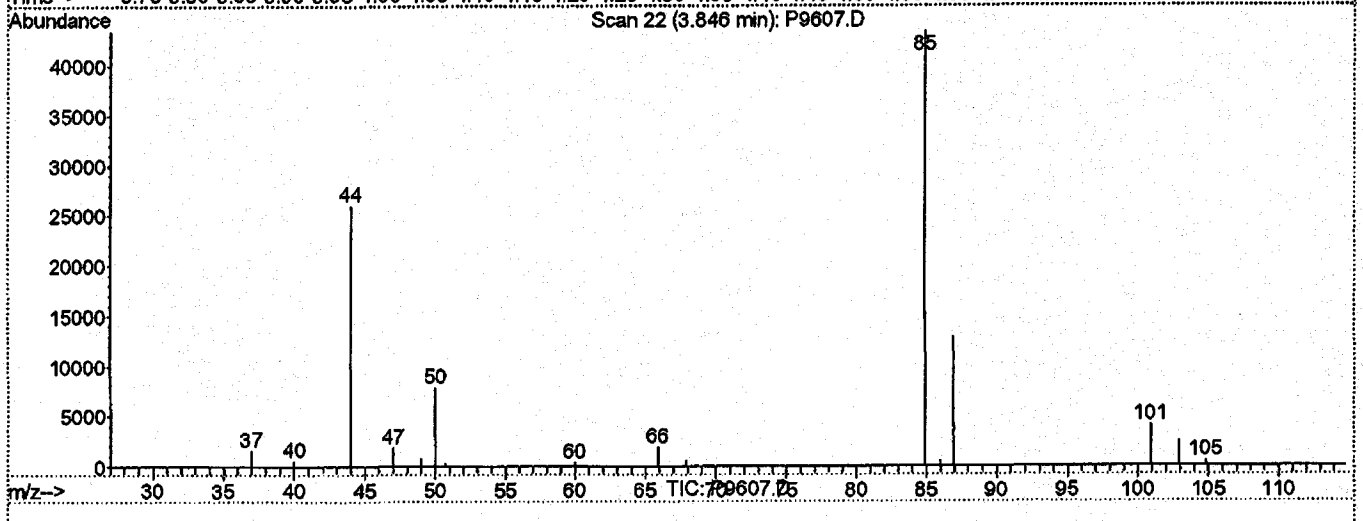
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9607.D Vial: 17
Acq On : 23 Jul 2008 17:38 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.85min 118.66ng

response 264685

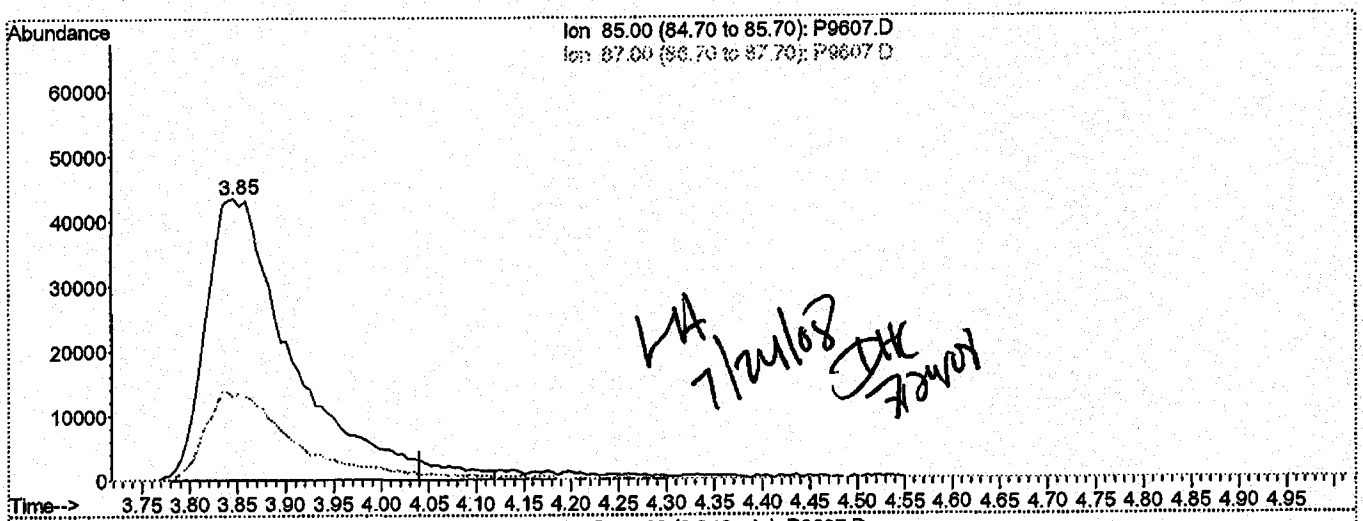
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	29.62
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

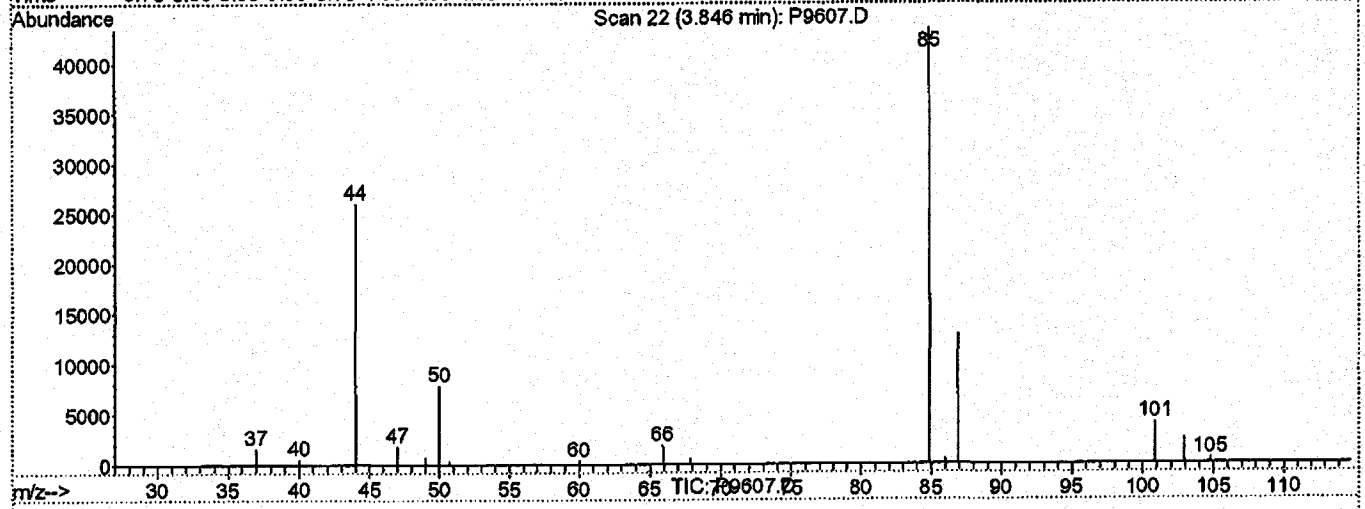
Data File : H:\GCMS_VOA\P\072308\P9607.D
Acq On : 23 Jul 2008 17:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008

Vial: 17
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration



LH 7/24/08 DHC 7/24/08



(2) C290 Dichlorodifluoromethane (T)

3.85min 124.73ng m

response 278232

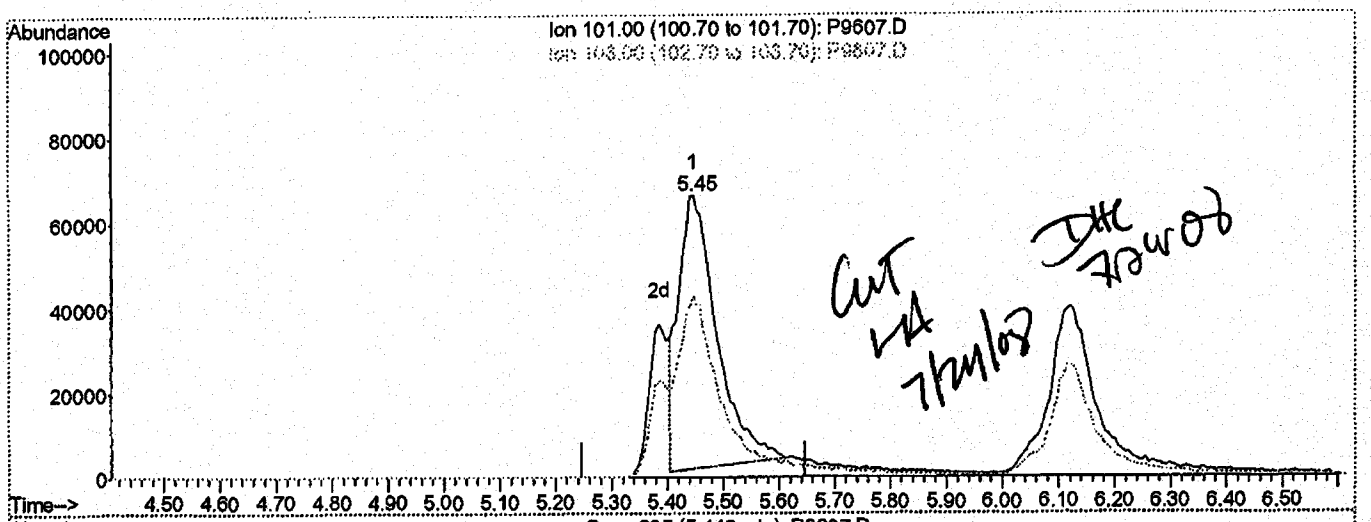
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	29.62
0.00	0.00	0.00
0.00	0.00	0.00

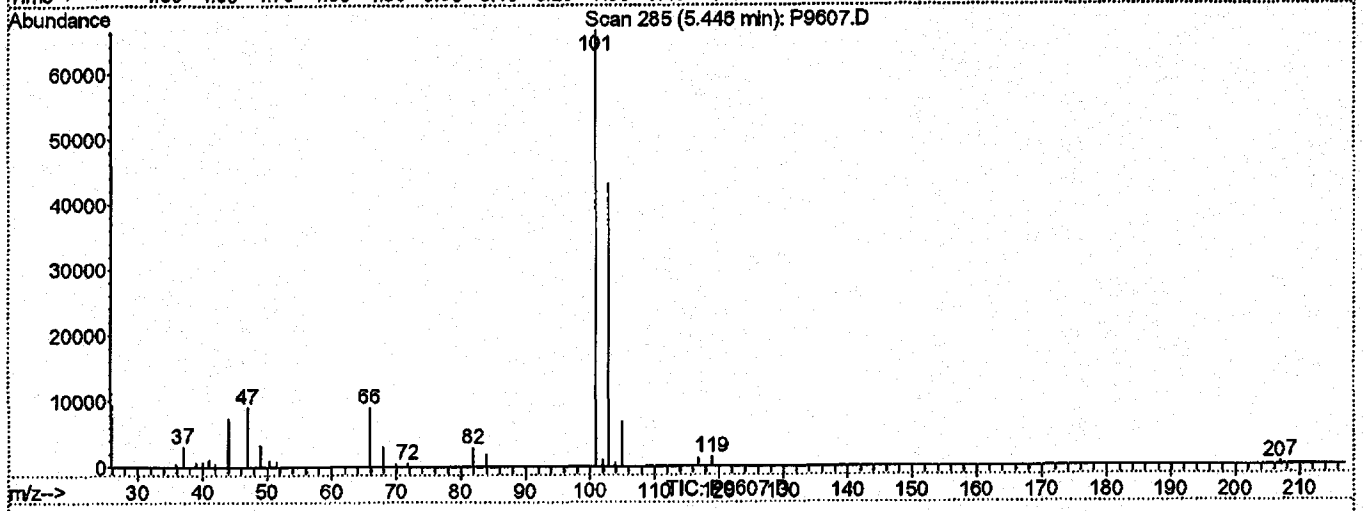
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9607.D
Acq On : 23 Jul 2008 17:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008

Vial: 17
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 83.93ng

response 310961

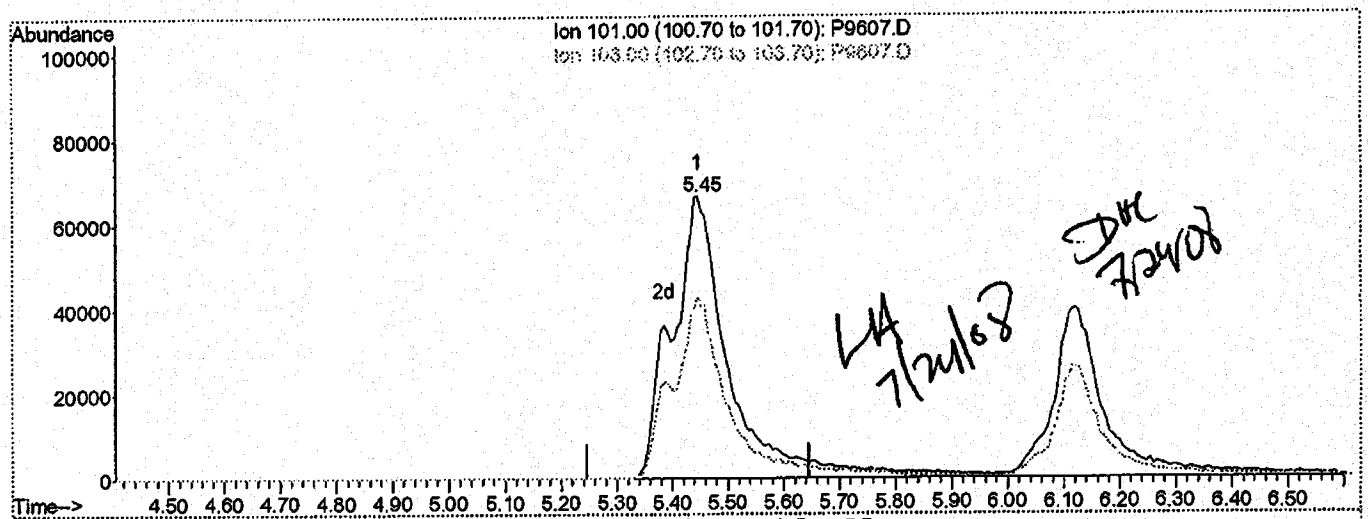
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.00
0.00	0.00	0.00
0.00	0.00	0.00

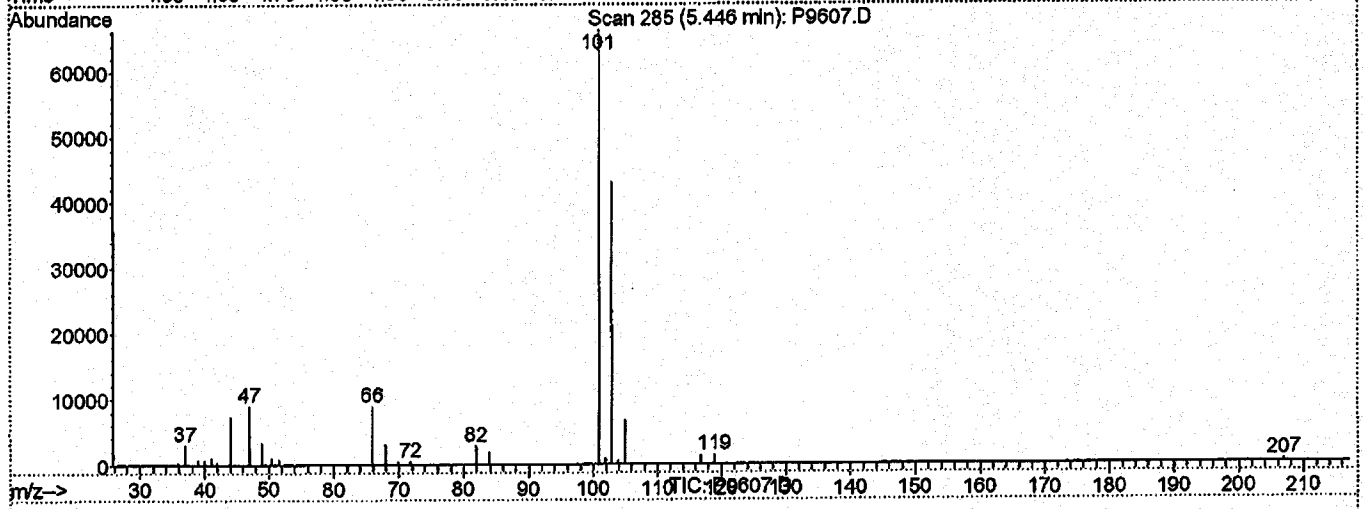
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9607.D
Acq On : 23 Jul 2008 17:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008

Vial: 17
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 126.54ng m

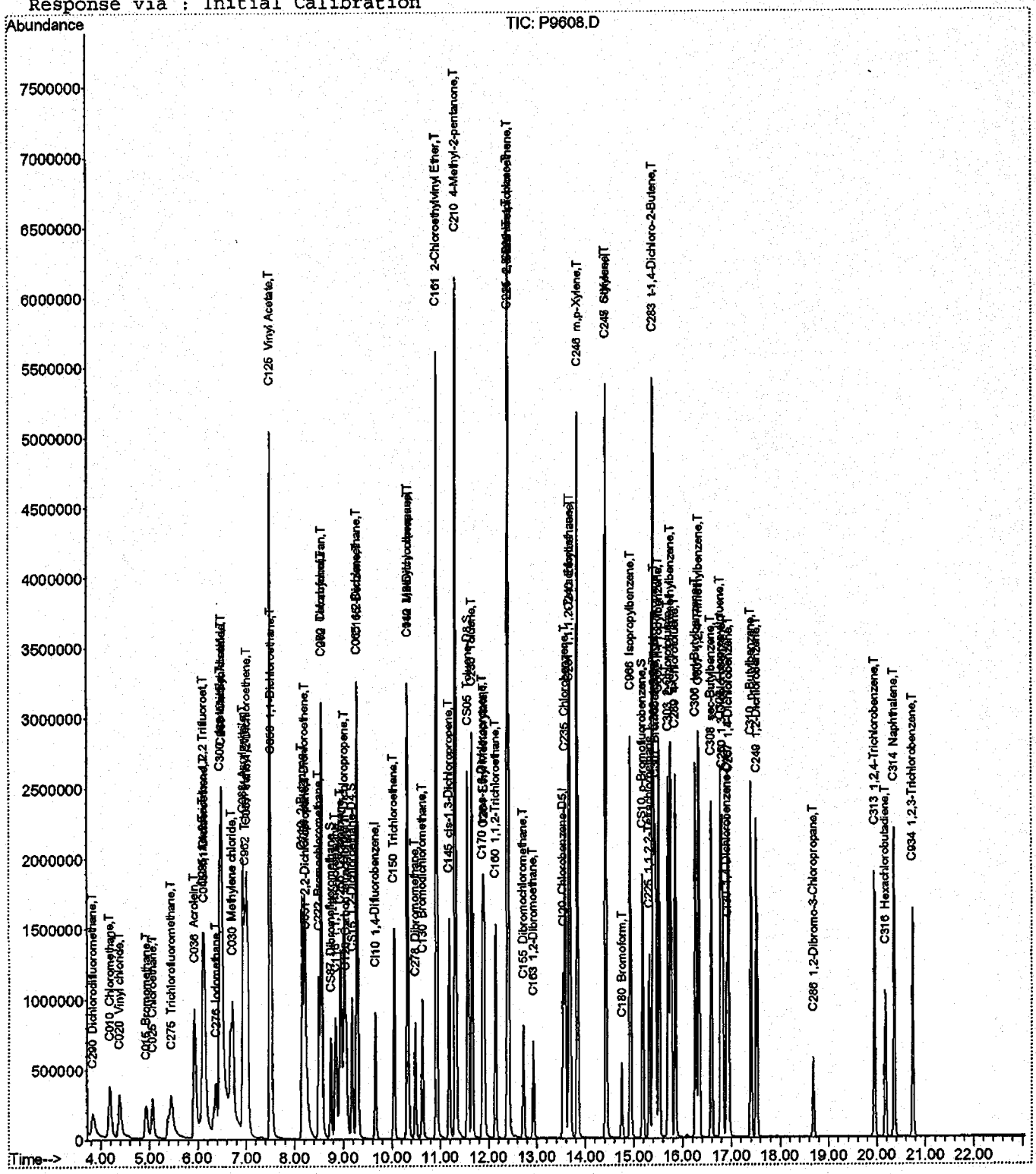
response 468873

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\072308\P9608.D Vial: 18
Acq On : 23 Jul 2008 18:06 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9608.D Vial: 18
Acq On : 23 Jul 2008 18:06 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 09:00:51 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072308\P9607.D (23 Jul 2008 17:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	756548	125.00	ng		0.00 101.44%
43) CI20	Chlorobenzene-D5	13.54	117	693860	125.00	ng		0.00 101.19%
62) CI30	1,4-Dichlorobenzene-	16.91	152	354915	125.00	ng		0.00 99.68%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	506796	248.30	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	198.64%#			
31) CS15	1,2-Dichloroethane-D	9.18	65	778816	240.41	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	192.33%#			
44) CS05	Toluene-D8	11.57	98	1903615	251.25	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	201.00%#			
61) CS10	p-Bromofluorobenzene	15.19	174	562184	248.30	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	198.64%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.84	85	556971m	246.14	ng		98
3) C010	Chloromethane	4.19	50	908083	235.06	ng		98
4) C020	Vinyl chloride	4.38	62	701995	247.09	ng		96
5) C015	Bromomethane	4.94	94	347762	214.61	ng		98
6) C025	Chloroethane	5.06	64	477873	239.52	ng		97
7) C275	Trichlorofluorometha	5.45	101	922738m	245.49	ng		100
8) C045	1,1-Dichloroethene	6.14	96	530834	263.23	ng	#	74
9) C030	Methylene chloride	6.72	84	684978	201.31	ng	#	69
10) C040	Carbon disulfide	6.50	76	1830387	248.63	ng		99
11) C036	Acrolein	5.93	56	1745924	4392.67	ng		94
12) C038	Acrylonitrile	6.94	53	2307365	1254.66	ng		99
13) C035	Acetone	6.10	43	1820712	1188.25	ng		98
14) C300	Acetonitrile	6.47	41	5825371	10288.18	ng		98
15) C276	Iodomethane	6.38	142	868228	256.79	ng		97
16) C291	1,1,2 Trichloro-1,2,	6.12	101	432569	249.75	ng		89
17) C962	T-butyl Methyl Ether	6.99	73	1665896	248.65	ng	#	85
18) C057	trans-1,2-Dichloroet	7.02	96	559240	252.47	ng	#	82
19) C255	Methyl Acetate	6.50	43	1412635	249.94	ng	#	85
20) C050	1,1-Dichloroethane	7.52	63	1265780	251.96	ng		97
21) C125	Vinyl Acetate	7.49	43	8956041	1326.86	ng	#	90
22) C051	2,2-Dichloropropane	8.23	77	722530	269.25	ng		97
23) C056	cis-1,2-Dichloroethe	8.20	96	611256	256.50	ng	#	80
24) C272	Tetrahydrofuran	8.55	42	1773372	1260.46	ng	#	80
25) C222	Bromochloromethane	8.50	128	279023	251.26	ng	#	63
26) C060	Chloroform	8.55	83	994373	250.80	ng		98
27) C115	1,1,1-Trichloroethan	8.84	97	851713	269.18	ng		93
28) C120	Carbon tetrachloride	9.06	117	609805	280.29	ng		97
29) C116	1,1-Dichloropropene	9.02	75	743141	258.75	ng		97
32) C165	Benzene	9.28	78	2246243	253.92	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9608.D Vial: 18
Acq On : 23 Jul 2008 18:06 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 09:00:51 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	1054927	250.68	ng		90
34)	C110	2-Butanone	8.15	43	2974955	1277.17	ng	#	82
35)	C256	Cyclohexane	8.94	56	1247713	254.37	ng	#	74
36)	C150	Trichloroethene	10.04	95	569732	260.01	ng		98
37)	C140	1,2-Dichloropropane	10.33	63	733927	260.50	ng		93
38)	C278	Dibromomethane	10.48	93	400596	257.04	ng		96
39)	C130	Bromodichloromethane	10.63	83	719303	276.88	ng		97
40)	C161	2-Chloroethylvinyl E	10.92	63	2757171	1283.47	ng		97
41)	C012	Methylcycolhexane	10.33	83	717289	250.07	ng		88
42)	C145	cis-1,3-Dichloroprop	11.18	75	919543	272.16	ng		98
45)	C230	Toluene	11.66	92	1368064	256.89	ng		96
46)	C170	trans-1,3-Dichloropr	11.88	75	879950	280.39	ng		96
47)	C284	Ethyl Methacrylate	11.90	69	851359	274.34	ng	#	42
48)	C160	1,1,2-Trichloroethan	12.14	83	467213	258.82	ng		91
49)	C210	4-Methyl-2-pentanone	11.32	43	5725106	1261.47	ng	#	90
50)	C220	Tetrachloroethene	12.41	166	466527	254.47	ng		96
51)	C221	1,3-Dichloropropane	12.39	76	928501	256.88	ng		97
52)	C155	Dibromochloromethane	12.72	129	472294	295.70	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	567943	265.39	ng		91
54)	C215	2-Hexanone	12.40	43	4027375	1281.03	ng		99
55)	C235	Chlorobenzene	13.58	112	1420982	257.00	ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	456387	280.16	ng		95
57)	C240	Ethylbenzene	13.68	91	2476153	258.35	ng		99
58)	C246	m,p-Xylene	13.84	106	1779693	515.52	ng		96
59)	C247	o-Xylene	14.42	106	909018	257.17	ng		98
60)	C245	Styrene	14.43	104	1536995	262.53	ng		90
63)	C180	Bromoform	14.75	173	295534	313.92	ng		99
64)	C966	Isopropylbenzene	14.93	105	2235052	263.75	ng		94
65)	C301	Bromobenzene	15.46	156	573472	258.28	ng	#	90
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	797500	260.49	ng		97
67)	C282	1,2,3-Trichloropropa	15.43	110	214115	250.20	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	749188	1477.99	ng	#	74
69)	C302	n-Propylbenzene	15.53	91	2774374	258.93	ng		95
70)	C303	2-Chlorotoluene	15.71	126	544589	261.41	ng		100
71)	C289	4-Chlorotoluene	15.86	126	555726	259.87	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	1872692	263.90	ng	#	49
73)	C306	tert-Butylbenzene	16.27	134	346363	263.96	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	1905241	262.62	ng		98
75)	C308	sec-Butylbenzene	16.60	105	2036465	263.81	ng		98
76)	C260	1,3-Dichlorobenzene	16.82	146	1050065	253.41	ng		97
77)	C309	4-Isopropyltoluene	16.79	119	1769786	264.87	ng		98
78)	C267	1,4-Dichlorobenzene	16.95	146	1086186	250.67	ng		97
79)	C249	1,2-Dichlorobenzene	17.53	146	1078694	258.53	ng		97
80)	C310	n-Butylbenzene	17.41	91	1724623	264.43	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	165413	293.48	ng		99
82)	C313	1,2,4-Trichlorobenze	19.96	180	705124	255.78	ng		99
83)	C316	Hexachlorobutadiene	20.18	225	254790	246.77	ng		97
84)	C314	Naphthalene	20.36	128	2063933	267.89	ng		100
85)	C934	1,2,3-Trichlorobenze	20.74	180	650000	256.17	ng		99

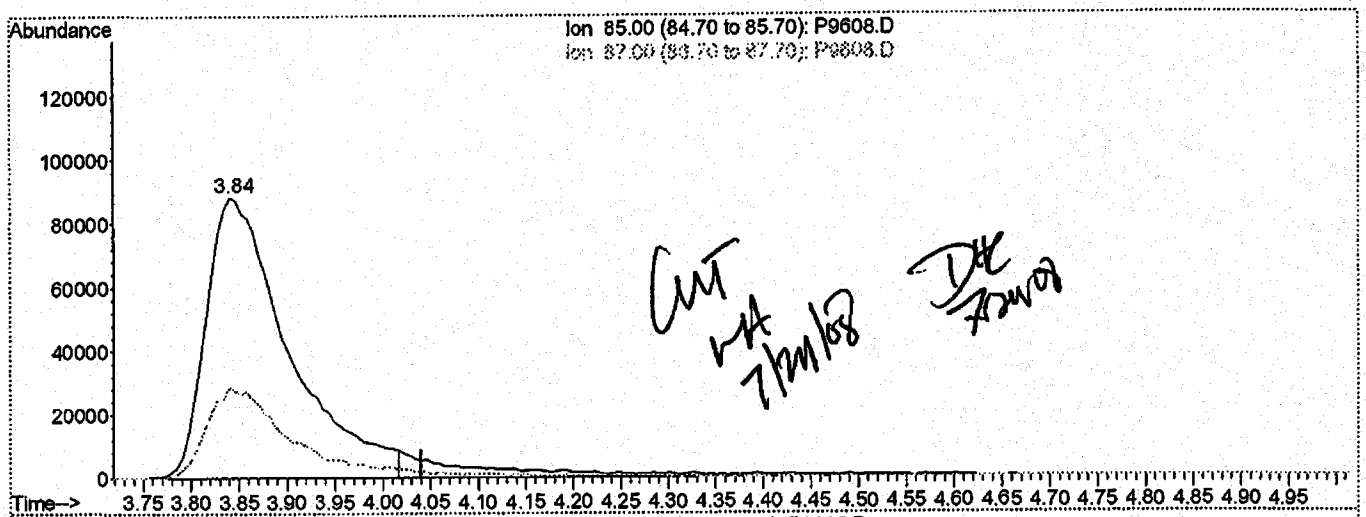
(#) = qualifier out of range (m) = manual integration

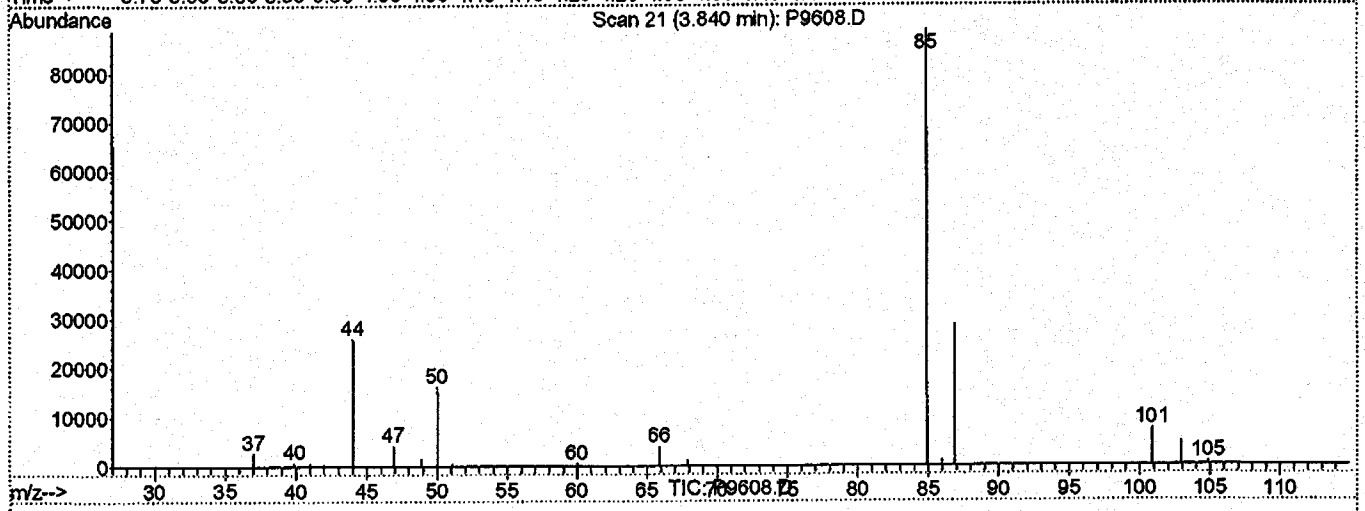
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9608.D
Acq On : 23 Jul 2008 18:06
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008

Vial: 18
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.84min 234.14ng

response 529823

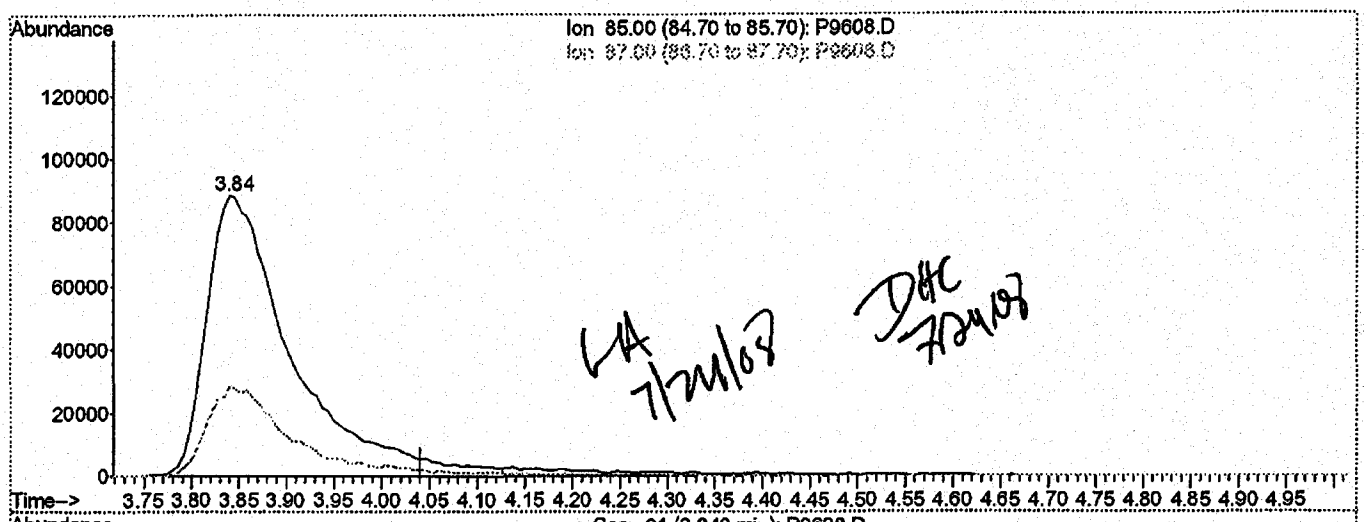
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.30
0.00	0.00	0.00
0.00	0.00	0.00

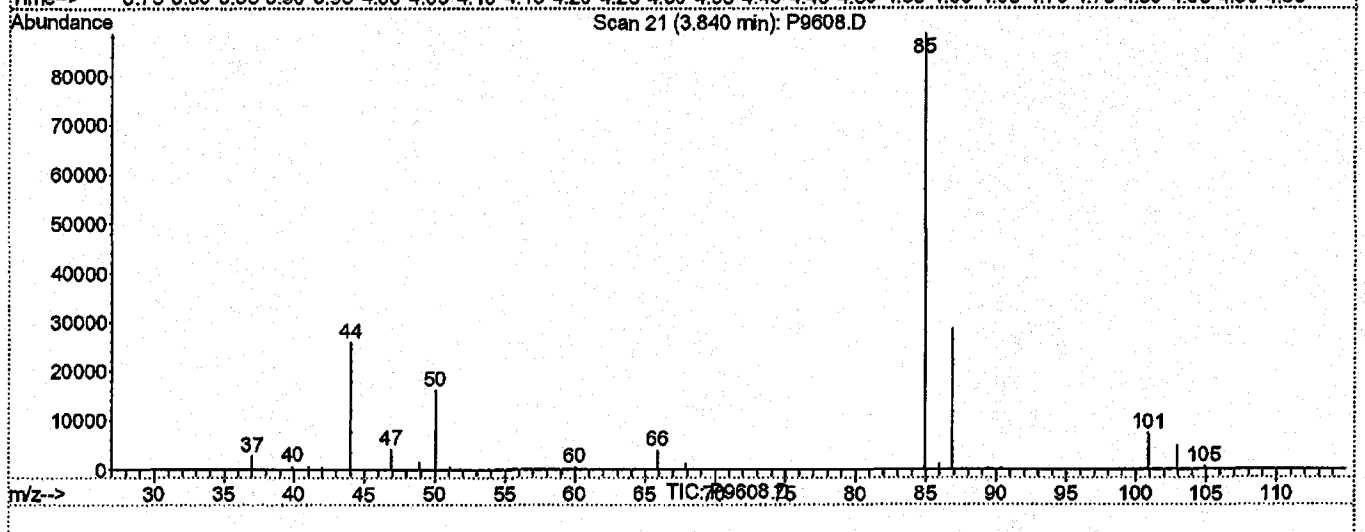
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9608.D
Acq On : 23 Jul 2008 18:06
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008

Vial: 18
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.84min 246.14ng m

response 556971

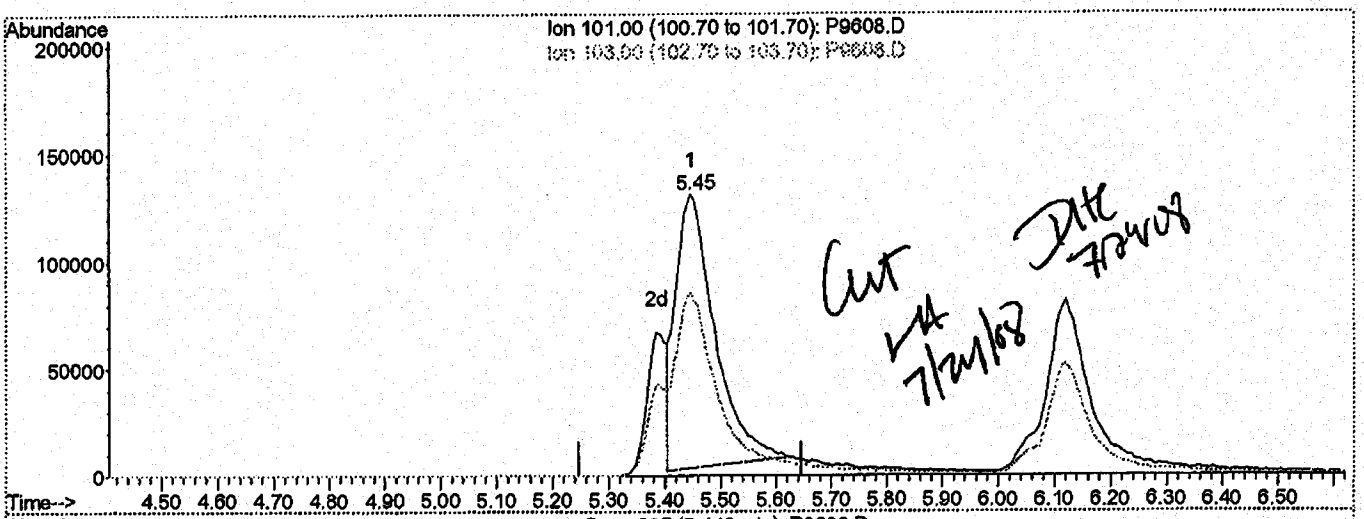
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.30
0.00	0.00	0.00
0.00	0.00	0.00

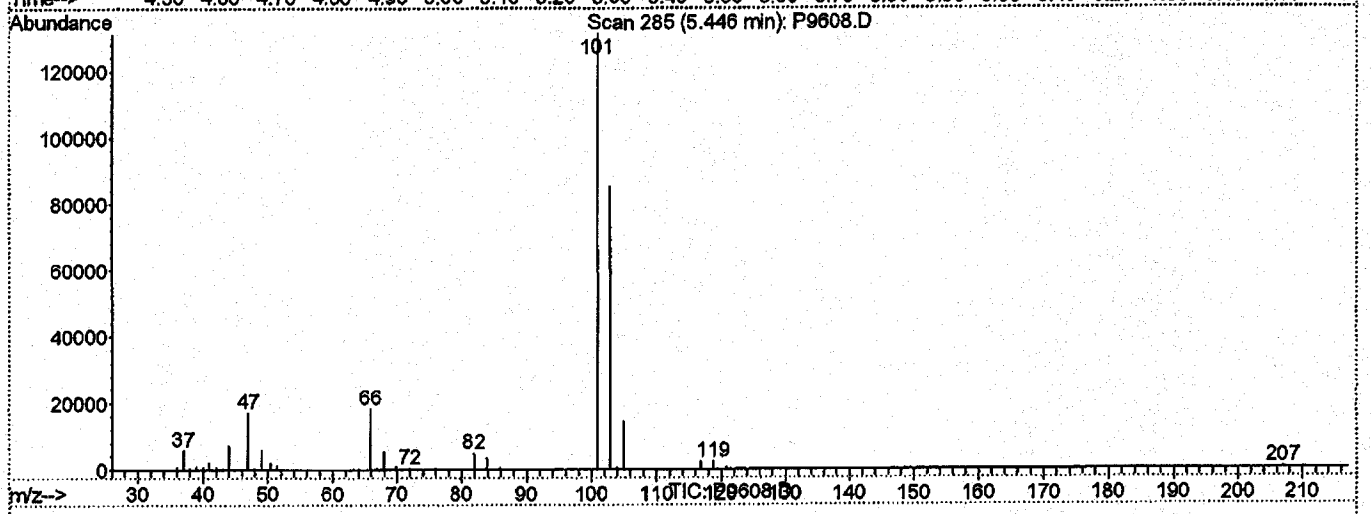
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9608.D
Acq On : 23 Jul 2008 18:06
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:00 2008

Vial: 18
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 166.52ng

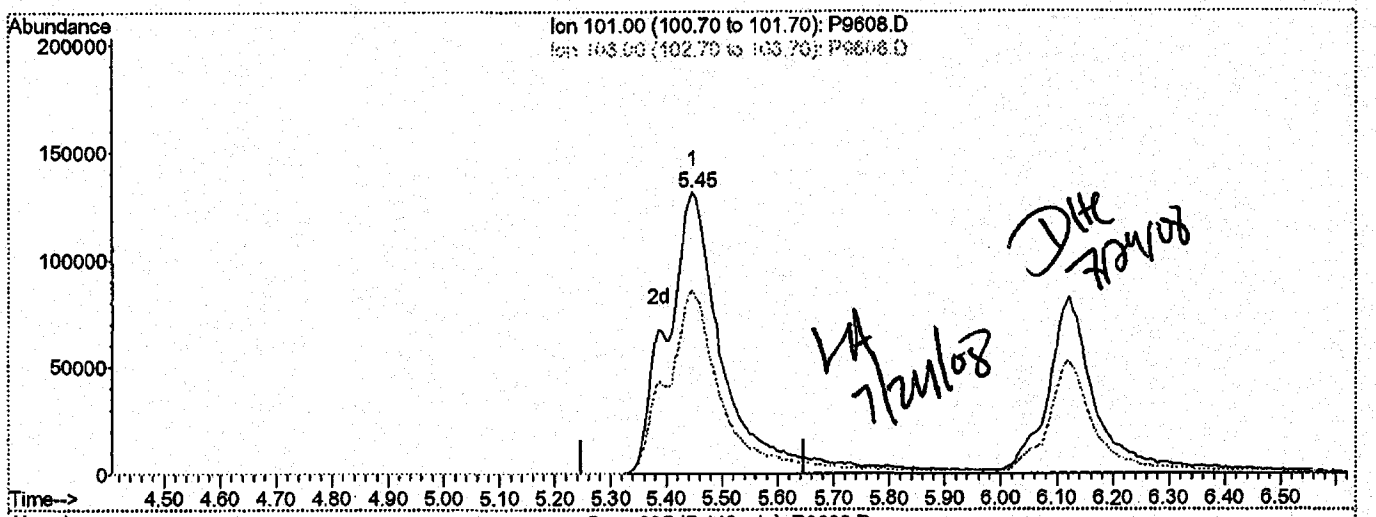
response 625912

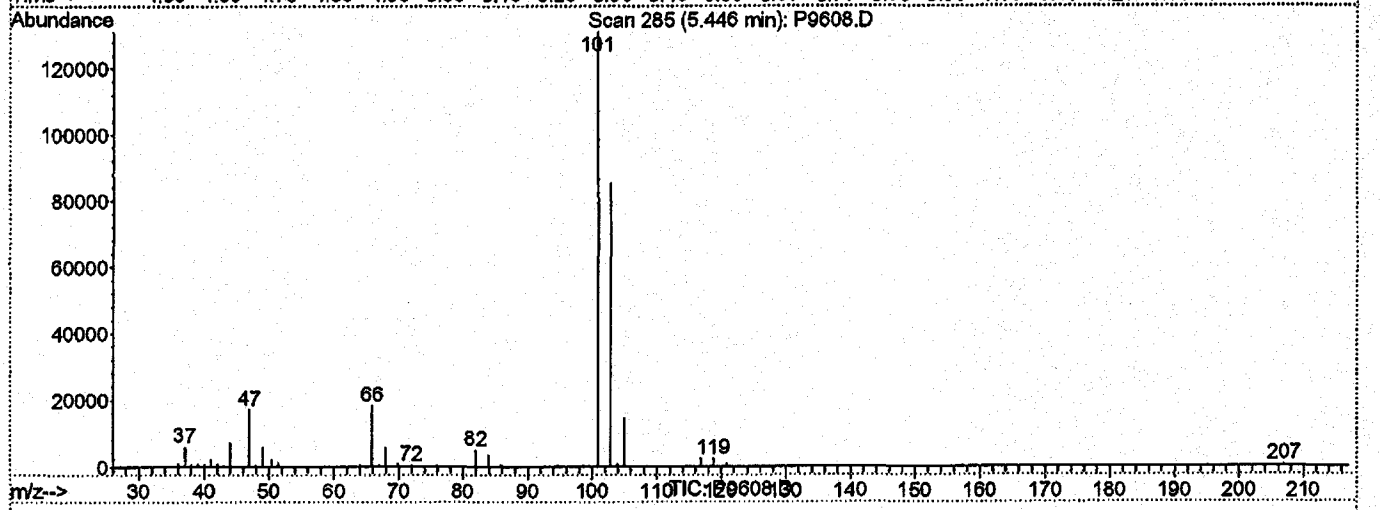
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9608.D Vial: 18
Acq On : 23 Jul 2008 18:06 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 245.49ng m

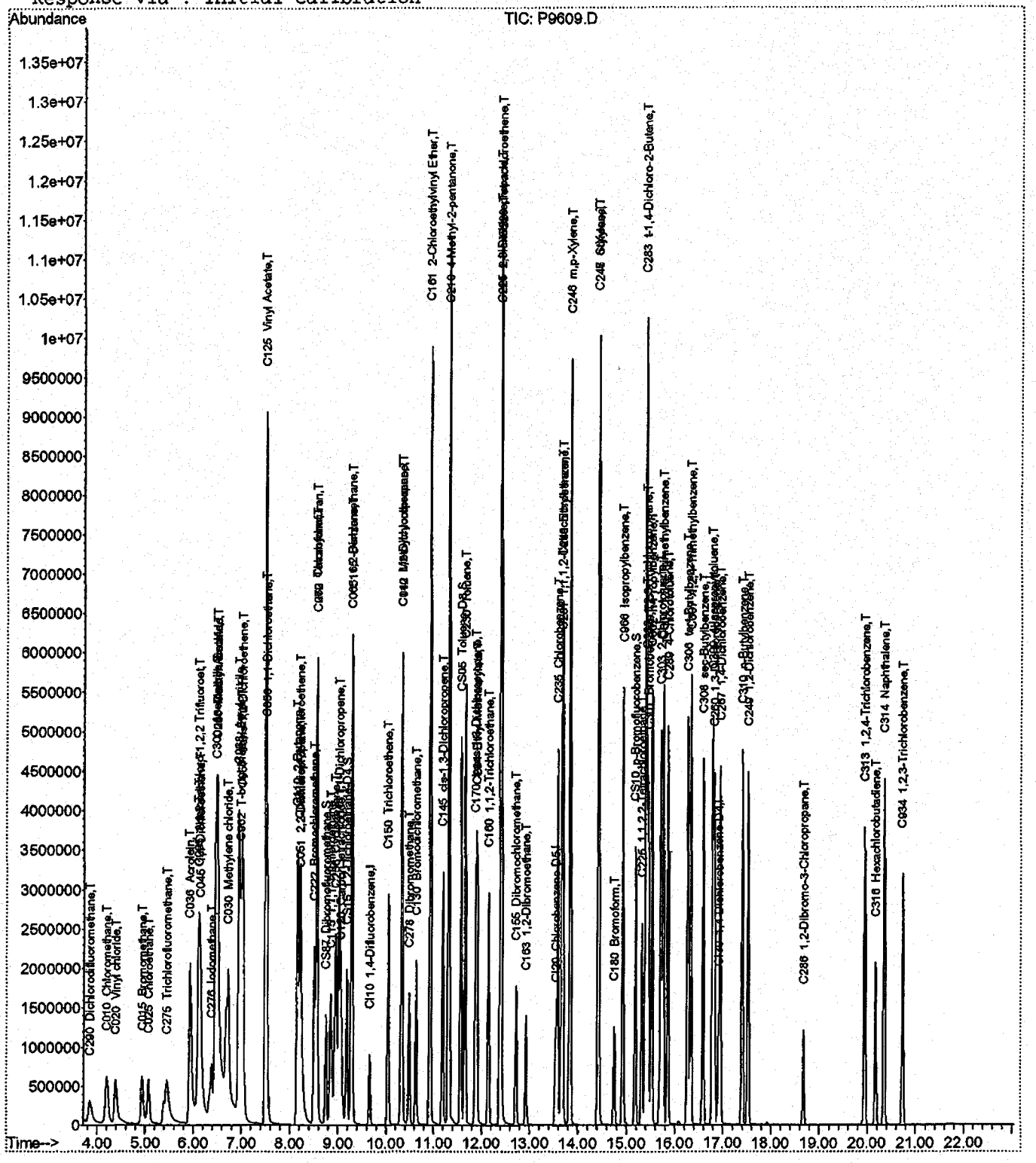
response 922738

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 09:05:25 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 09:01:35 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072308\P9607.D (23 Jul 2008 17:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	758039	125.00	ng		0.00
								101.64%
43) CI20	Chlorobenzene-D5	13.54	117	701169	125.00	ng		0.00
								102.26%
62) CI30	1,4-Dichlorobenzene-	16.91	152	360886	125.00	ng		0.00
								101.36%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	1008203	492.98	ng		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		394.38%#	
31) CS15	1,2-Dichloroethane-D	9.18	65	1539412	474.25	ng		0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =		379.40%#	
44) CS05	Toluene-D8	11.57	98	3673524	479.80	ng		0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =		383.84%#	
61) CS10	p-Bromofluorobenzene	15.19	174	1079119	471.65	ng		0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =		377.32%#	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.85	85	988570m	436.01	ng		99
3) C010	Chloromethane	4.20	50	1699442	439.04	ng		99
4) C020	Vinyl chloride	4.39	62	1335366	469.10	ng		98
5) C015	Bromomethane	4.94	94	852366	524.98	ng		98
6) C025	Chloroethane	5.07	64	952837	476.63	ng		97
7) C275	Trichlorofluorometha	5.45	101	1743385m	462.91	ng		100
8) C045	1,1-Dichloroethene	6.15	96	1020463	505.04	ng	#	69
9) C030	Methylene chloride	6.72	84	1337456	392.30	ng	#	70
10) C040	Carbon disulfide	6.50	76	3570079	483.99	ng		99
11) C036	Acrolein	5.93	56	3980594	9995.31	ng		94
12) C038	Acrylonitrile	6.94	53	4670841	2534.83	ng		98
13) C035	Acetone	6.10	43	3539588	2305.50	ng		100
14) C300	Acetonitrile	6.46	41	11015967	19417.02	ng		98
15) C276	Iodomethane	6.38	142	1723951	508.88	ng		98
16) C291	1,1,2 Trichloro-1,2,	6.12	101	754670	434.86	ng		89
17) C962	T-butyl Methyl Ether	6.99	73	3456942	514.97	ng	#	84
18) C057	trans-1,2-Dichloroet	7.02	96	1124917	506.84	ng	#	81
19) C255	Methyl Acetate	6.50	43	2838069	501.16	ng	#	85
20) C050	1,1-Dichloroethane	7.52	63	2533742	503.37	ng		97
21) C125	Vinyl Acetate	7.49	43	17102872	2528.86	ng	#	91
22) C051	2,2-Dichloropropane	8.23	77	1455814	541.44	ng		95
23) C056	cis-1,2-Dichloroethe	8.20	96	1214575	508.68	ng	#	83
24) C272	Tetrahydrofuran	8.55	42	3470951	2462.20	ng	#	82
25) C222	Bromochloromethane	8.50	128	572193	514.24	ng	#	68
26) C060	Chloroform	8.55	83	1941304	488.66	ng		98
27) C115	1,1,1-Trichloroethan	8.84	97	1741571	549.32	ng		94
28) C120	Carbon tetrachloride	9.06	117	1290394	591.96	ng		99
29) C116	1,1-Dichloropropene	9.02	75	1463514	508.58	ng		97
32) C165	Benzene	9.29	78	4403064	496.76	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 09:01:35 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA

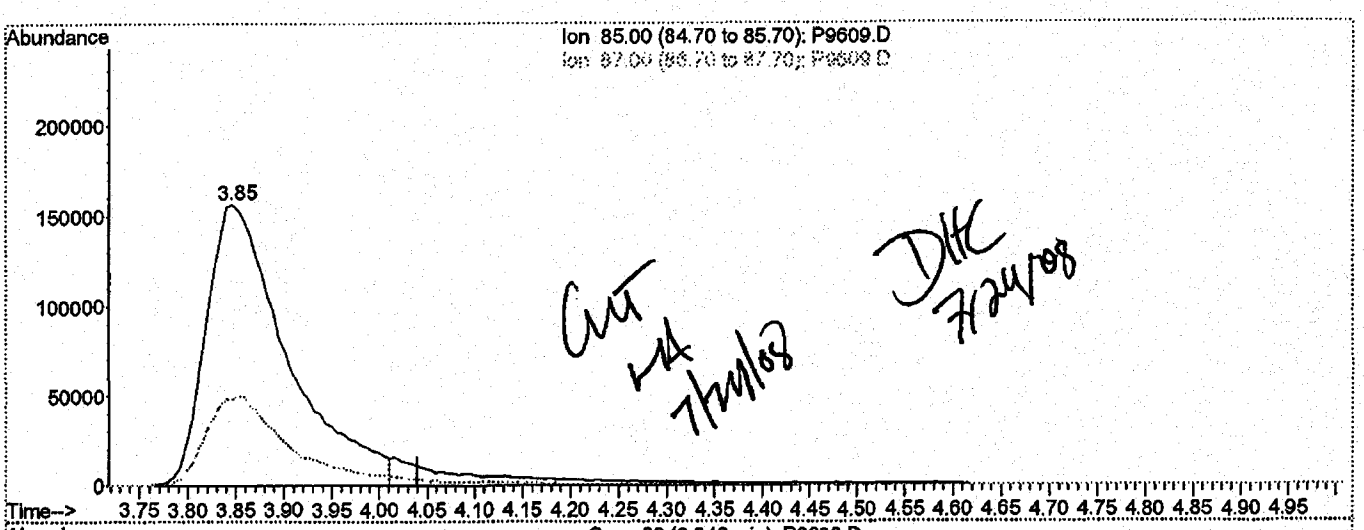
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	2070629	491.07	ng		88
34)	C110	2-Butanone	8.15	43	5910756	2532.54	ng	#	83
35)	C256	Cyclohexane	8.94	56	2343155	476.75	ng	#	72
36)	C150	Trichloroethene	10.04	95	1133555	516.31	ng		98
37)	C140	1,2-Dichloropropane	10.33	63	1453397	514.85	ng		90
38)	C278	Dibromomethane	10.48	93	809071	518.11	ng		97
39)	C130	Bromodichloromethane	10.63	83	1527602	586.86	ng		97
40)	C161	2-Chloroethylviny1 E	10.92	63	5311132	2467.47	ng		94
41)	C012	Methylcyclohexane	10.33	83	1325334	461.15	ng		88
42)	C145	cis-1,3-Dichloroprop	11.18	75	1897156	560.40	ng		98
45)	C230	Toluene	11.66	92	2728503	507.00	ng		95
46)	C170	trans-1,3-Dichloropr	11.87	75	1811225	571.11	ng		96
47)	C284	Ethyl Methacrylate	11.90	69	1739128	554.57	ng	#	45
48)	C160	1,1,2-Trichloroethan	12.14	83	934266	512.16	ng		90
49)	C210	4-Methyl-2-pentanone	11.32	43	10774495	2349.31	ng	#	85
50)	C220	Tetrachloroethene	12.41	166	884794	477.59	ng		94
51)	C221	1,3-Dichloropropane	12.39	76	1760140	481.88	ng		98
52)	C155	Dibromochloromethane	12.72	129	1047612	649.07	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	1153471	533.38	ng		95
54)	C215	2-Hexanone	12.40	43	7279420	2291.30	ng		95
55)	C235	Chlorobenzene	13.58	112	2821420	504.96	ng		97
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	956349	580.94	ng		96
57)	C240	Ethylbenzene	13.68	91	4829064	498.60	ng		98
58)	C246	m,p-Xylene	13.84	106	3472834	995.48	ng		99
59)	C247	o-Xylene	14.42	106	1787938	500.55	ng		99
60)	C245	Styrene	14.43	104	2983164	504.24	ng		90
63)	C180	Bromoform	14.75	173	704548	736.01	ng		99
64)	C966	Isopropylbenzene	14.93	105	4422794	513.29	ng		94
65)	C301	Bromobenzene	15.46	156	1138433	504.24	ng	#	89
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	1604493	515.41	ng		98
67)	C282	1,2,3-Trichloropropa	15.43	110	417338	479.60	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	1556822	3020.47	ng	#	68
69)	C302	n-Propylbenzene	15.53	91	5470465	502.10	ng		96
70)	C303	2-Chlorotoluene	15.71	126	1084897	512.15	ng		100
71)	C289	4-Chlorotoluene	15.86	126	1107226	509.19	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	3704926	513.46	ng	#	47
73)	C306	tert-Butylbenzene	16.27	134	703811	527.49	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	3761666	509.94	ng		97
75)	C308	sec-Butylbenzene	16.60	105	4047751	515.69	ng		98
76)	C260	1,3-Dichlorobenzene	16.82	146	2088712	495.73	ng		97
77)	C309	4-Isopropyltoluene	16.79	119	3531920	519.85	ng		98
78)	C267	1,4-Dichlorobenzene	16.95	146	2162342	490.76	ng		98
79)	C249	1,2-Dichlorobenzene	17.53	146	2158603	508.80	ng		97
80)	C310	n-Butylbenzene	17.41	91	3400559	512.76	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	363073	633.53	ng		97
82)	C313	1,2,4-Trichlorobenze	19.96	180	1430354	510.26	ng		100
83)	C316	Hexachlorobutadiene	20.17	225	515717	491.21	ng		95
84)	C314	Naphthalene	20.36	128	4188149	534.61	ng		99
85)	C934	1,2,3-Trichlorobenze	20.74	180	1297468	502.87	ng		99

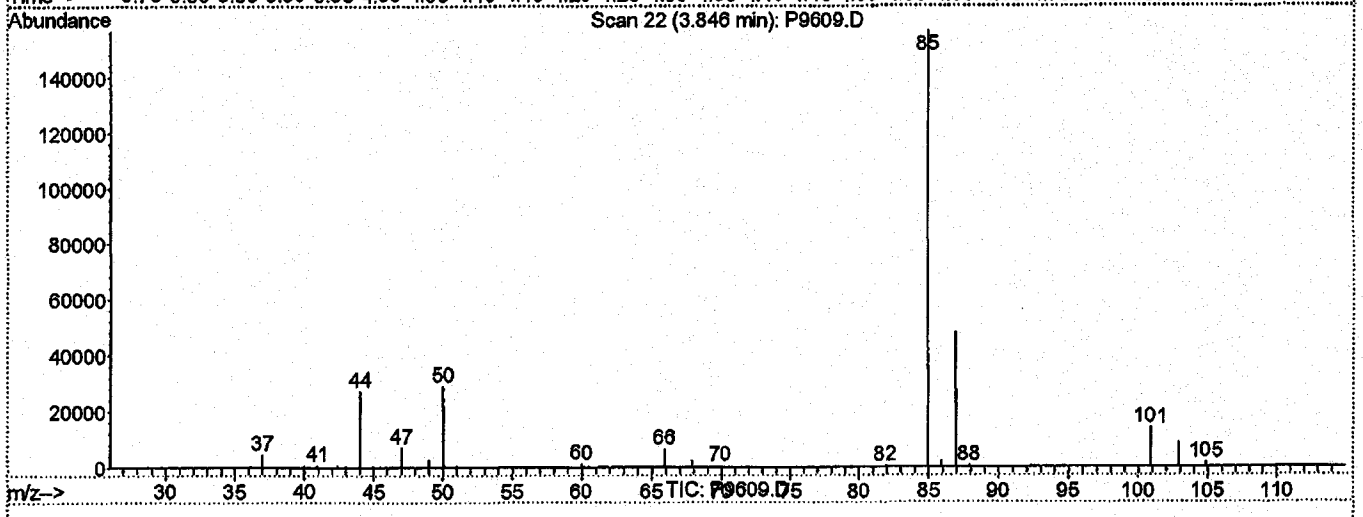
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.85min 407.86ng

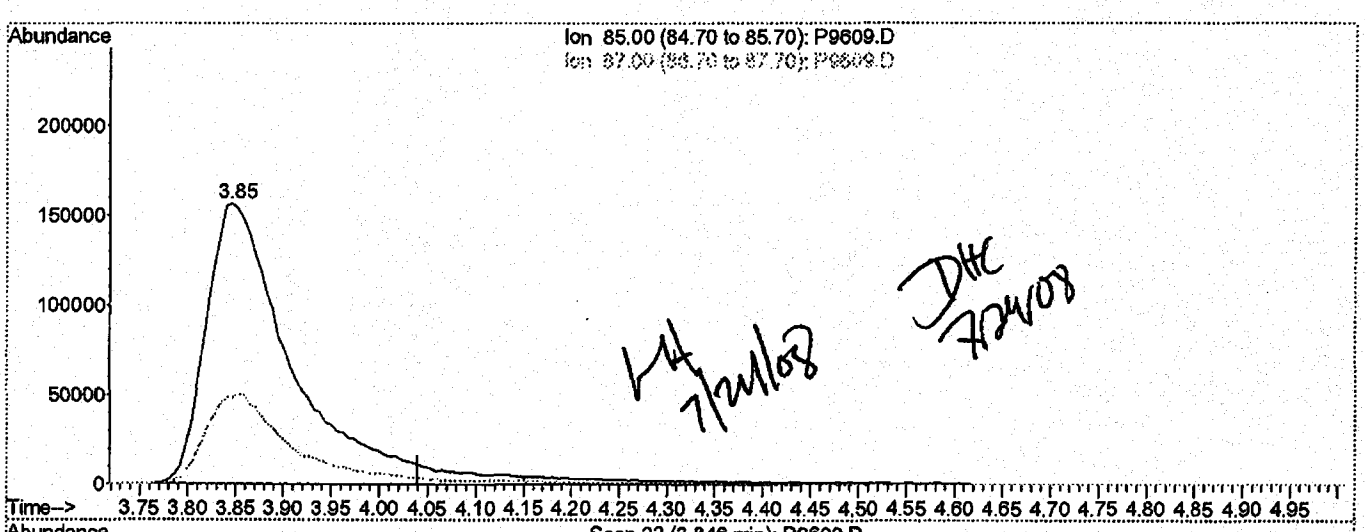
response 924757

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	30.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

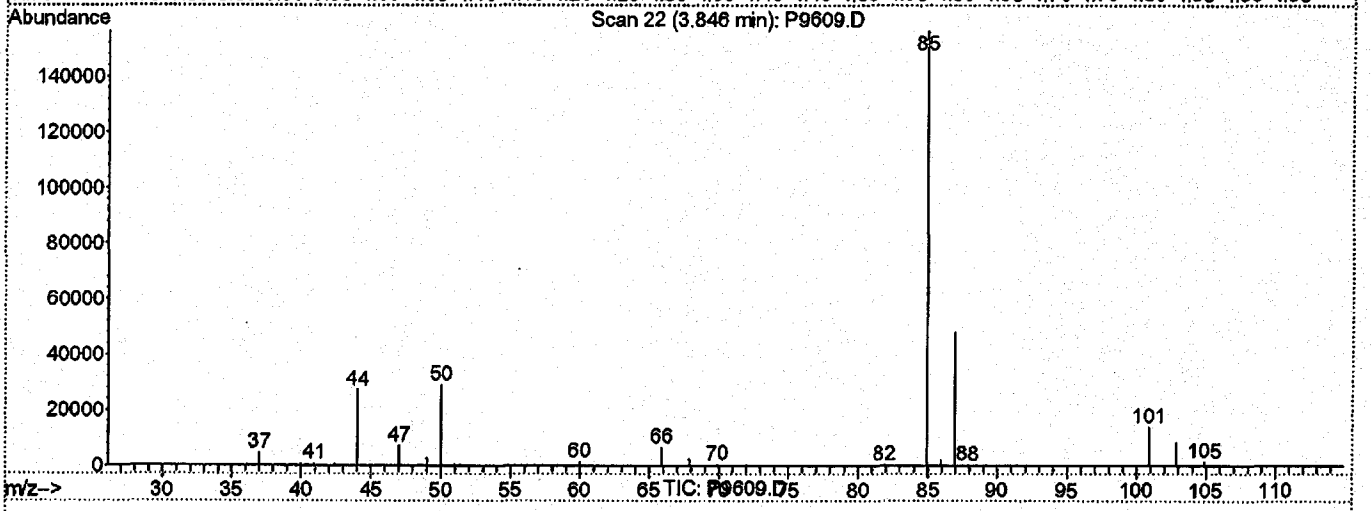
Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration



LH 7/24/08

DHC 7/24/08



(2) C290 Dichlorodifluoromethane (T)

3.85min 436.01ng m

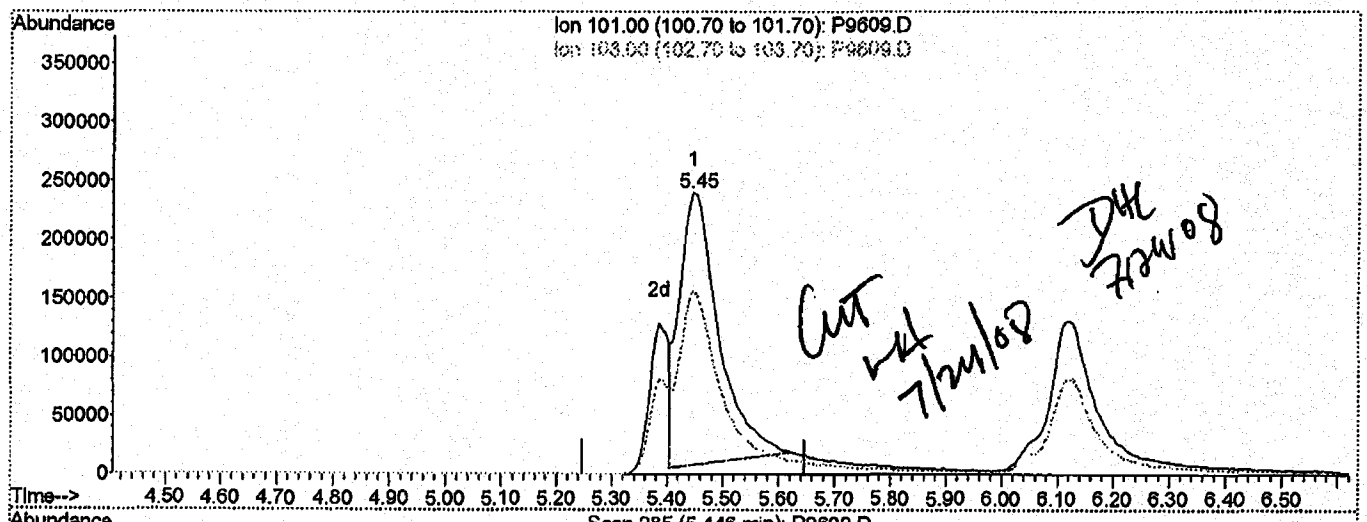
response 988570

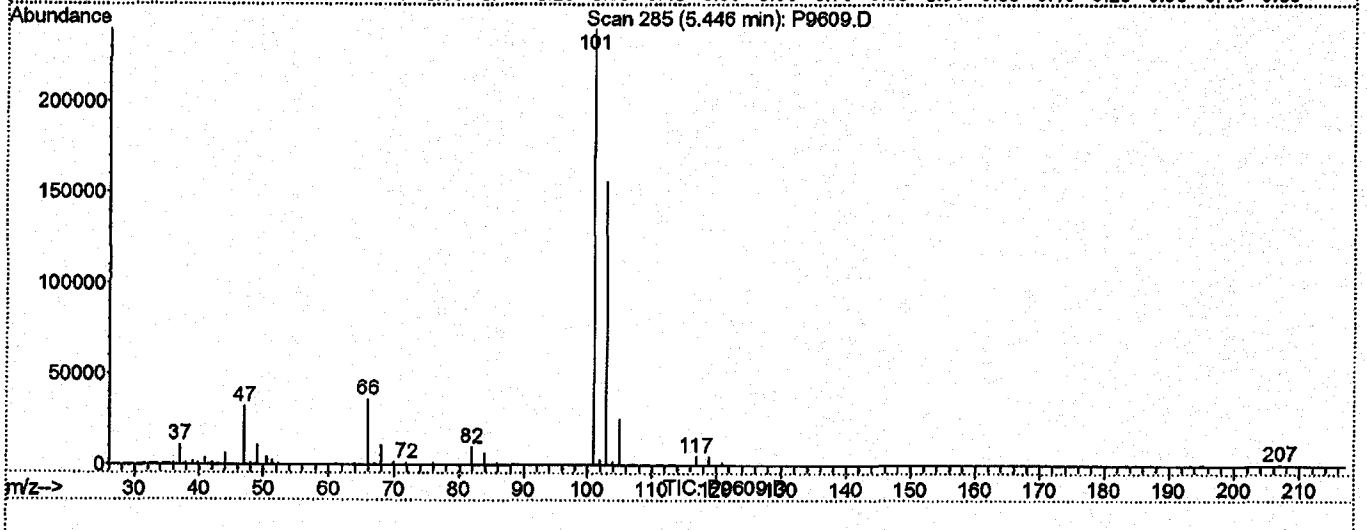
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	30.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 303.61ng

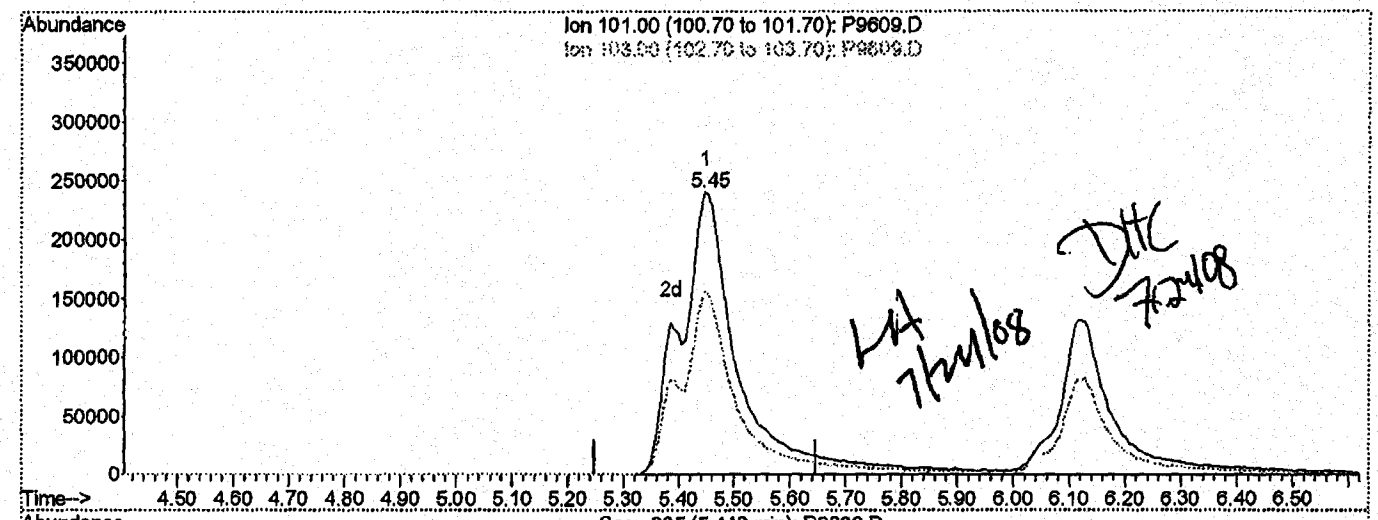
response 1143428

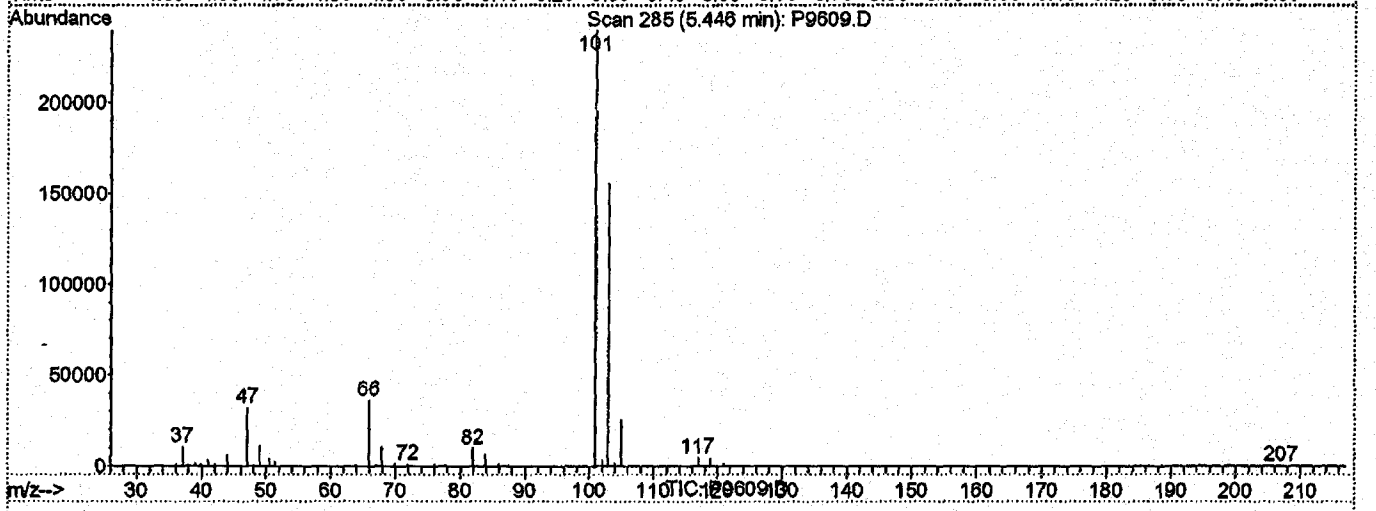
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	64.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072308\P9609.D Vial: 19
Acq On : 23 Jul 2008 18:34 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 9:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 08:50:40 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 462.91ng m

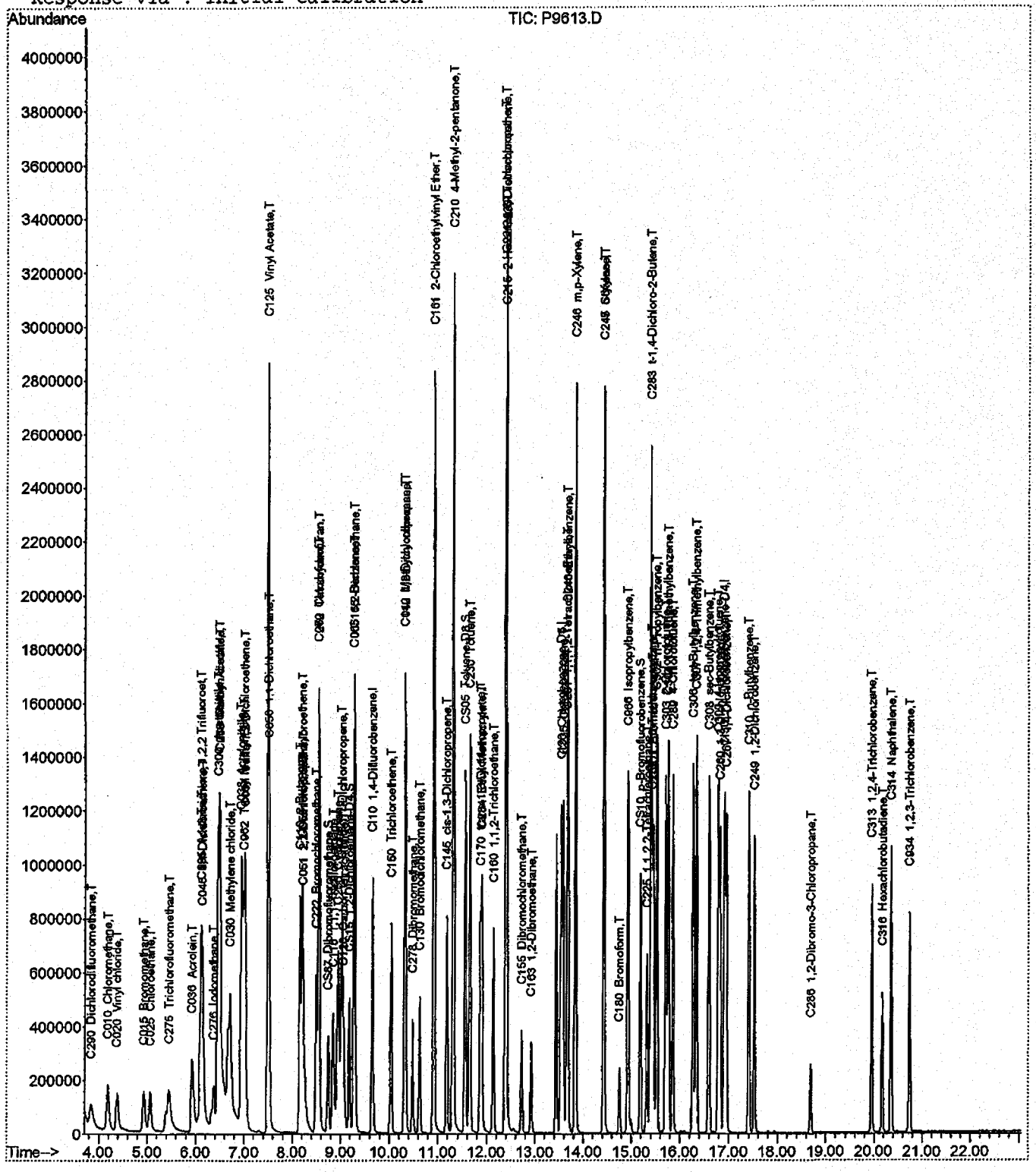
response 1743385

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	64.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\072408\P9613.D Vial: 2
Acq On : 24 Jul 2008 11:06 Operator: LH
Sample : MSB/SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\072408\P9613.D Vial: 2
Acq On : 24 Jul 2008 11:06 Operator: LH
Sample : MSB/SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40:26 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072408\P9612.D (24 Jul 2008 10:27)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.65	114	781728	125.00	ng		0.00
							97.50%
43) CI20 Chlorobenzene-D5	13.54	117	716158	125.00	ng		0.00
							97.15%
62) CI30 1,4-Dichlorobenzene-	16.91	152	362969	125.00	ng		0.00
							95.48%
System Monitoring Compounds							
30) CS87 Dibromofluoromethane	8.74	111	258800	122.71	ng		0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 98.17%				
31) CS15 1,2-Dichloroethane-D	9.18	65	392206	117.17	ng		0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 93.74%				
44) CS05 Toluene-D8	11.56	98	978118	125.08	ng		0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 100.06%				
61) CS10 p-Bromofluorobenzene	15.19	174	285298	122.09	ng		0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 97.67%				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	3.85	85	276411m	118.08	ng		97
3) C010 Chloromethane	4.19	50	403421	101.12	ng		100
4) C020 Vinyl chloride	4.38	62	329210	112.14	ng		100
5) C015 Bromomethane	4.93	94	198985	118.98	ng		98
6) C025 Chloroethane	5.06	64	241977	117.47	ng		95
7) C275 Trichlorofluorometha	5.44	101	451424m	116.30	ng		94
8) C045 1,1-Dichloroethene	6.14	96	278756	133.51	ng	#	76
9) C030 Methylene chloride	6.71	84	356616	122.97	ng	#	68
10) C040 Carbon disulfide	6.49	76	895479	117.36	ng		100
11) C036 Acrolein	5.93	56	533791	1298.19	ng		98
12) C038 Acrylonitrile	6.93	53	1179193	620.44	ng		99
13) C035 Acetone	6.10	43	934218	587.61	ng		99
14) C300 Acetonitrile	6.46	41	3155181	5346.54	ng		99
15) C276 Iodomethane	6.37	142	357567	102.38	ng		98
16) C291 1,1,2 Trichloro-1,2,	6.12	101	222948	124.58	ng		92
17) C962 T-butyl Methyl Ether	6.99	73	930518	134.39	ng	#	84
18) C057 trans-1,2-Dichloroet	7.02	96	297386	129.93	ng	#	81
19) C255 Methyl Acetate	6.49	43	526317	89.97	ng	#	86
20) C050 1,1-Dichloroethane	7.51	63	663472	127.82	ng		97
21) C125 Vinyl Acetate	7.48	43	5051085	723.83	ng	#	90
22) C051 2,2-Dichloropropane	8.22	77	399675	133.78	ng		98
23) C056 cis-1,2-Dichloroethe	8.20	96	317778	129.06	ng	#	81
24) C272 Tetrahydrofuran	8.55	42	930161	639.47	ng	#	80
25) C222 Bromochloromethane	8.49	128	143731	125.26	ng	#	68
26) C060 Chloroform	8.54	83	523386	127.75	ng		98
27) C115 1,1,1-Trichloroethan	8.84	97	445806	126.50	ng		94
28) C120 Carbon tetrachloride	9.05	117	317790	127.00	ng		97
29) C116 1,1-Dichloropropene	9.02	75	394980	133.10	ng		95
32) C165 Benzene	9.28	78	1172261	128.25	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\072408\P9613.D Vial: 2
Acq On : 24 Jul 2008 11:06 Operator: LH
Sample : MSB/SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40:26 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Initial Calibration
DataAcq Meth : VOA

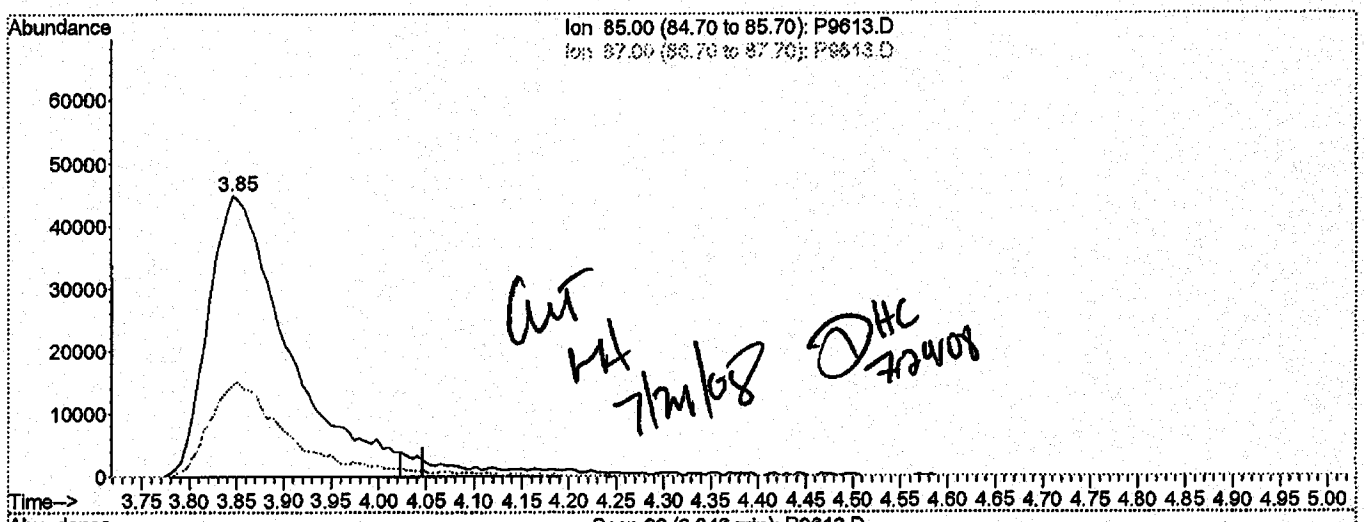
	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	548647	126.17 ng		88
34)	C110	2-Butanone	8.15	43	1497986	621.65 ng	#	82
35)	C256	Cyclohexane	8.94	56	628364	123.98 ng	#	74
36)	C150	Trichloroethene	10.03	95	301468	133.15 ng		99
37)	C140	1,2-Dichloropropane	10.32	63	378491	130.01 ng		92
38)	C278	Dibromomethane	10.48	93	204228	126.82 ng		97
39)	C130	Bromodichloromethane	10.62	83	369961	125.00 ng		96
40)	C161	2-Chloroethylvinyl E	10.92	63	1358643	612.03 ng		98
41)	C012	Methylcycolhexane	10.32	83	372131	125.56 ng		85
42)	C145	cis-1,3-Dichloroprop	11.18	75	474557	125.47 ng		99
45)	C230	Toluene	11.65	92	706475	128.53 ng		100
46)	C170	trans-1,3-Dichloropr	11.87	75	435860	122.28 ng		97
47)	C284	Ethyl Methacrylate	11.90	69	437335	125.93 ng	#	42
48)	C160	1,1,2-Trichloroethan	12.14	83	238837	128.19 ng		90
49)	C210	4-Methyl-2-pentanone	11.31	43	2903057	619.67 ng	#	91
50)	C220	Tetrachloroethene	12.41	166	233486	123.39 ng		97
51)	C221	1,3-Dichloropropane	12.38	76	479295	128.47 ng		96
52)	C155	Dibromochloromethane	12.72	129	226840	119.93 ng		99
53)	C163	1,2-Dibromoethane	12.92	107	284949	129.01 ng		93
54)	C215	2-Hexanone	12.39	43	2059950	634.54 ng		98
55)	C235	Chlorobenzene	13.58	112	714298	125.16 ng		99
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	229531	123.29 ng		97
57)	C240	Ethylbenzene	13.68	91	1287856	130.19 ng		99
58)	C246	m,p-Xylene	13.84	106	928200	260.50 ng		98
59)	C247	o-Xylene	14.42	106	471037	129.11 ng		95
60)	C245	Styrene	14.43	104	797647	132.00 ng		86
63)	C180	Bromoform	14.75	173	136012	117.79 ng		99
64)	C966	Isopropylbenzene	14.92	105	1045817	120.68 ng		95
65)	C301	Bromobenzene	15.45	156	291444	128.35 ng		92
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	411328	131.37 ng		97
67)	C282	1,2,3-Trichloropropa	15.43	110	100077	114.35 ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	339901	577.24 ng	#	76
69)	C302	n-Propylbenzene	15.53	91	1406560	128.36 ng		96
70)	C303	2-Chlorotoluene	15.71	126	274809	128.98 ng		100
71)	C289	4-Chlorotoluene	15.86	126	276313	126.34 ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	946525	130.42 ng	#	49
73)	C306	tert-Butylbenzene	16.27	134	176802	131.75 ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	982143	132.38 ng		100
75)	C308	sec-Butylbenzene	16.59	105	1098273	139.12 ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	503676	118.86 ng		99
77)	C309	4-Isopropyltoluene	16.79	119	866859	126.86 ng		97
78)	C267	1,4-Dichlorobenzene	16.94	146	517111	116.69 ng		100
79)	C249	1,2-Dichlorobenzene	17.53	146	503910	118.09 ng		97
80)	C310	n-Butylbenzene	17.41	91	868523	130.21 ng		97
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	75857	116.82 ng		97
82)	C313	1,2,4-Trichlorobenze	19.95	180	329436	116.85 ng		99
83)	C316	Hexachlorobutadiene	20.17	225	122617	116.12 ng		93
84)	C314	Naphthalene	20.36	128	998533	126.73 ng		99
85)	C934	1,2,3-Trichlorobenze	20.73	180	299889	115.56 ng		97

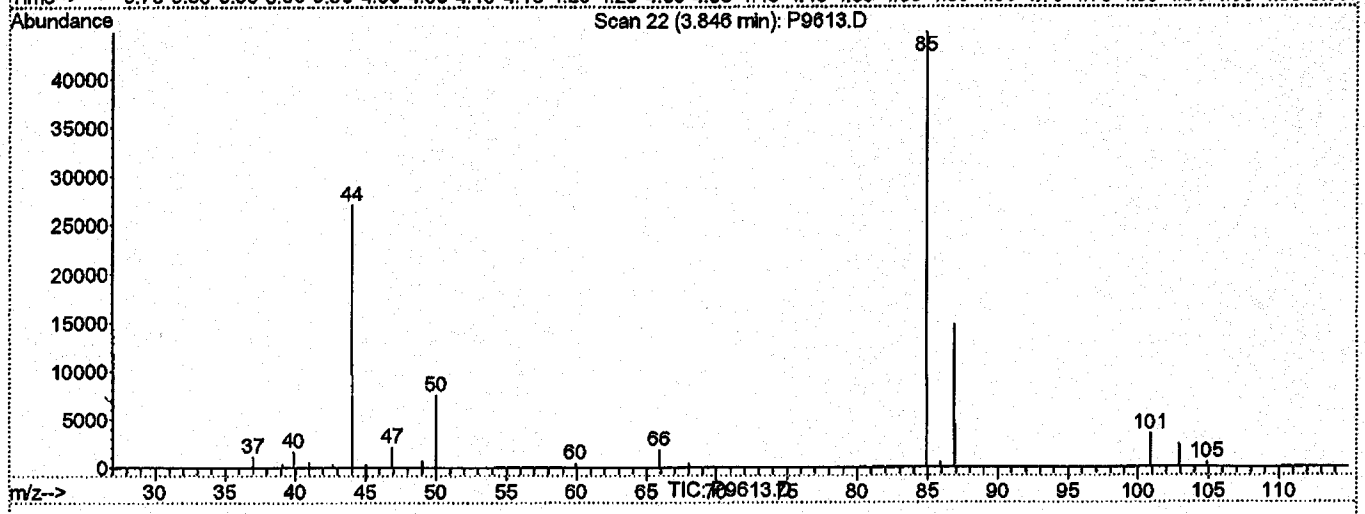
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072408\P9613.D Vial: 2
Acq On : 24 Jul 2008 11:06 Operator: LH
Sample : MSB/SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.85min 112.50ng

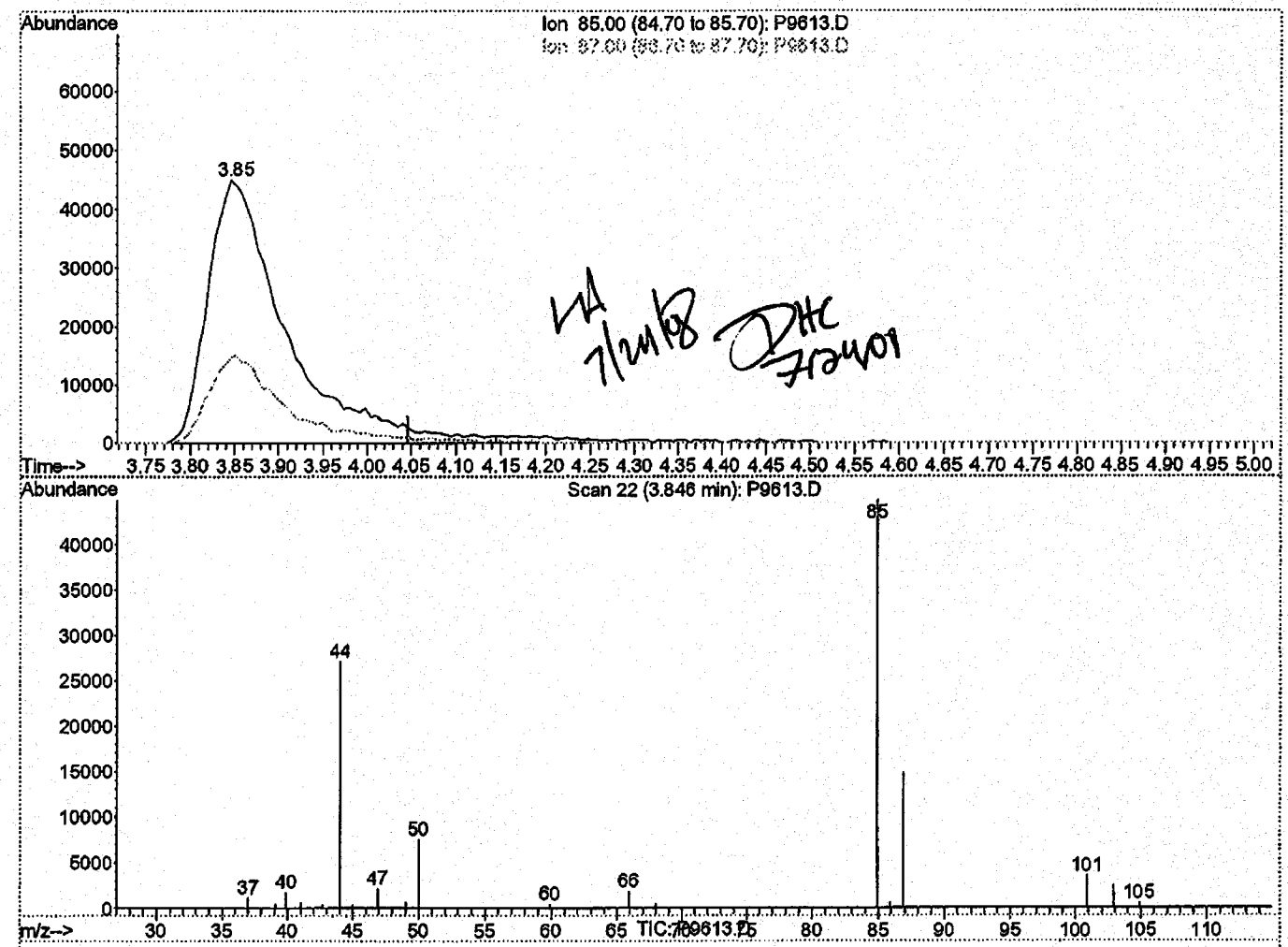
response 263362

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.89
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072408\P9613.D Vial: 2
Acq On : 24 Jul 2008 11:06 Operator: LH
Sample : MSB/SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Multiple Level Calibration



(2) C290 Dichlorodifluoromethane (T)

3.85min 118.08ng m

response 276411

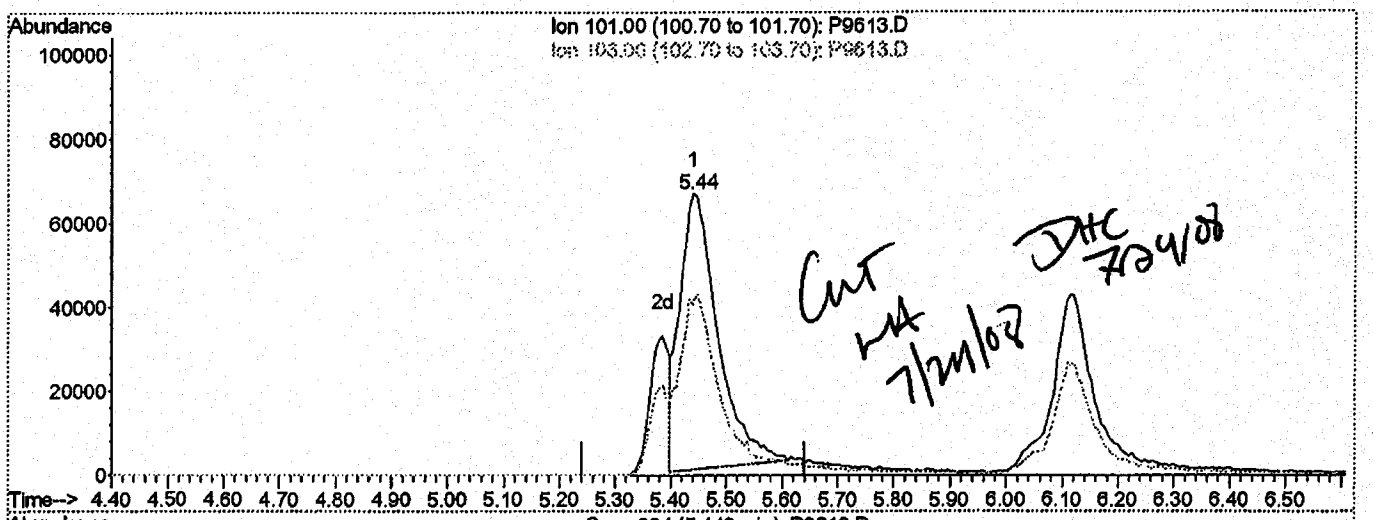
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.89
0.00	0.00	0.00
0.00	0.00	0.00

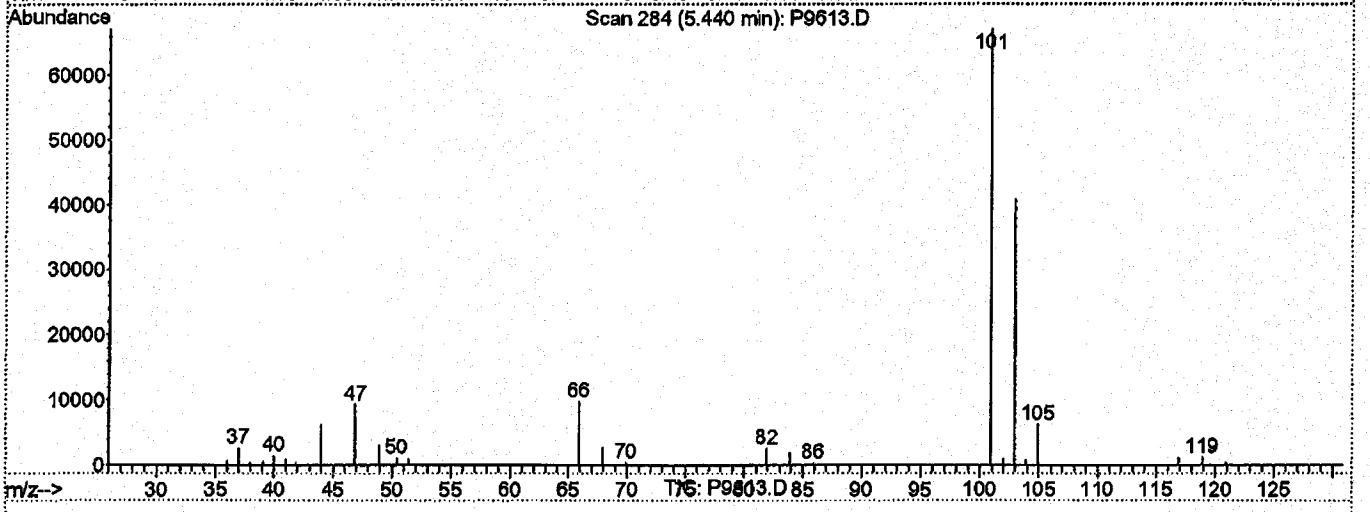
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072408\P9613.D
Acq On : 24 Jul 2008 11:06
Sample : MSB/SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40 2008

Vial: 2
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.44min 80.50ng

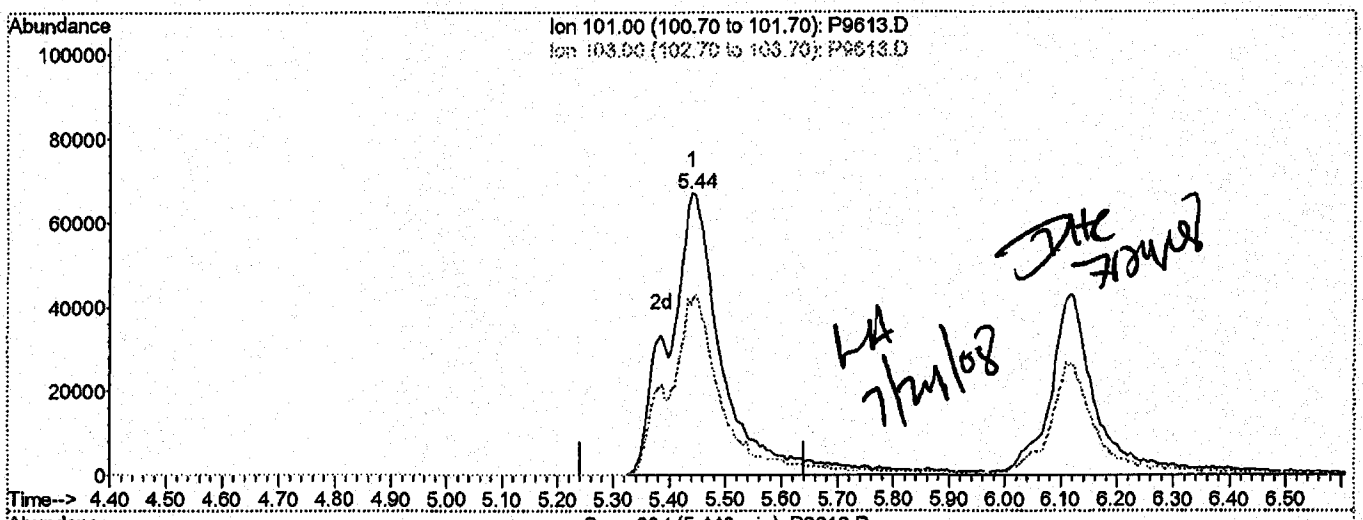
response 312473

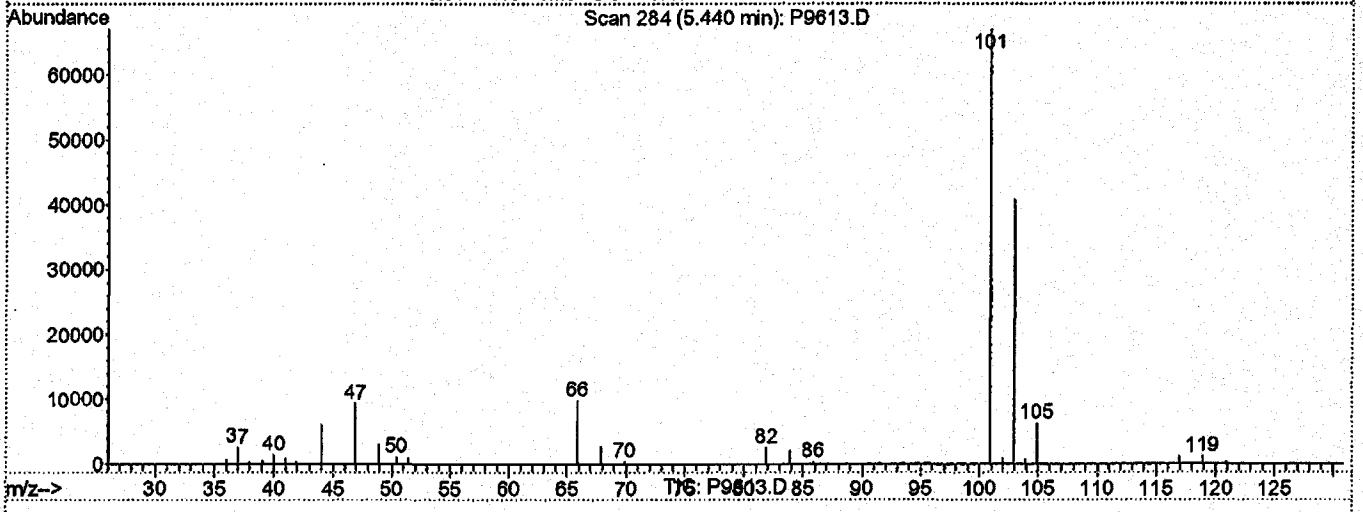
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\072408\P9613.D Vial: 2
Acq On : 24 Jul 2008 11:06 Operator: LH
Sample : MSB/SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 24 11:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 24 11:40:20 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.44min 116.30ng m

response 451424

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.79
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000663-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973P Calibration Dates(s): 09/08/2008 09/08/2008

Heated Purge (Y/N): N Calibration Times: 12:19 14:11

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = P0834.RR RRF10 = P0835.RR
RRF25 = P0836.RR RRF50 = P0837.RR RRF100 = P0838.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.407	0.352	0.342	0.324	0.334	0.3520	9.300
Bromomethane	0.343	0.300	0.299	0.248	0.247	0.2880	14.000
Vinyl chloride	0.449	0.415	0.404	0.379	0.387	0.4070	6.800
Chloroethane	0.271	0.262	0.252	0.228	0.233	0.2490	7.400
Methylene chloride	0.993	0.480	0.434	0.412	0.408	0.5450	46.200
Acetone	0.212	0.190	0.178	0.169	0.158	0.1810	11.500
Carbon Disulfide	1.243	1.243	1.249	1.166	1.191	1.2180	3.100
1,1-Dichloroethene	0.378	0.367	0.349	0.327	0.321	0.3480	7.100
1,1-Dichloroethane	0.878	0.803	0.757	0.719	0.699	0.7710	9.300
cis-1,2-Dichloroethene	0.432	0.422	0.400	0.385	0.378	0.4030	5.800
trans-1,2-Dichloroethene	0.437	0.393	0.371	0.353	0.350	0.3810	9.300
Chloroform	0.965	0.889	0.844	0.803	0.766	0.8530	9.100
1,2-Dichloroethane	0.928	0.841	0.793	0.742	0.700	0.8010	11.000
2-Butanone	0.230	0.232	0.233	0.232	0.230	0.2320	0.500
1,1,1-Trichloroethane	0.775	0.792	0.784	0.737	0.732	0.7640	3.600
Carbon Tetrachloride	0.541	0.566	0.585	0.566	0.572	0.5660	2.800
Bromodichloromethane	0.582	0.577	0.596	0.594	0.601	0.5900	1.700
1,2-Dichloropropane	0.393	0.379	0.368	0.363	0.364	0.3730	3.400
cis-1,3-Dichloropropene	0.475	0.589	0.619	0.640	0.658	0.5960	12.200
Trichloroethene	0.448	0.420	0.407	0.392	0.395	0.4120	5.500
Dibromochloromethane	0.334	0.396	0.426	0.448	0.469	0.4150	12.700
1,1,2-Trichloroethane	0.344	0.357	0.351	0.345	0.347	0.3490	1.500
Benzene	1.616	1.518	1.447	1.411	1.415	1.4810	5.800
trans-1,3-Dichloropropene	0.565	0.698	0.736	0.746	0.766	0.7020	11.400
Bromoform	0.327	0.393	0.451	0.508	0.558	0.4470	20.400
4-Methyl-2-pentanone	0.496	0.565	0.556	0.529	0.505	0.5300	5.700
2-Hexanone	0.313	0.405	0.401	0.381	0.356	0.3710	10.200
Tetrachloroethene	0.390	0.411	0.387	0.361	0.362	0.3820	5.500
1,1,2,2-Tetrachloroethane	1.079	1.041	1.018	1.038	1.055	1.0460	2.200
Toluene	1.075	1.040	0.991	0.971	0.985	1.0120	4.300
Chlorobenzene	1.203	1.141	1.110	1.095	1.098	1.1300	4.000
Ethylbenzene	2.093	2.090	2.042	1.974	1.950	2.0300	3.200
Styrene	0.985	1.201	1.194	1.168	1.159	1.1410	7.800
Total Xylenes	0.684	0.727	0.734	0.704	0.698	0.7090	2.900
1,1,2-Trichloro-1,2,2-trifl	0.391	0.423	0.407	0.368	0.359	0.3900	6.700
1,2,4-Trichlorobenzene	1.060	1.111	1.098	1.127	1.141	1.1070	2.800
1,2-Dibromo-3-chloropropane	0.240	0.287	0.312	0.333	0.349	0.3040	14.000

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000663-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973P Calibration Dates(s): 09/08/2008 09/08/2008

Heated Purge (Y/N): N Calibration Times: 12:19 14:11

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = P0834.RR RRF10 = P0835.RR
RRF25 = P0836.RR RRF50 = P0837.RR RRF100 = P0838.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.452	0.451	0.444	0.443	0.453	0.4490	1.000
1,2-Dichlorobenzene	1.551	1.541	1.485	1.475	1.488	1.5080	2.300
1,3-Dichlorobenzene	1.443	1.512	1.427	1.387	1.401	1.4340	3.400
1,4-Dichlorobenzene	1.701	1.538	1.453	1.451	1.467	1.5220	7.000
Cyclohexane	0.523	0.578	0.582	0.547	0.559	0.5580	4.300
Dichlorodifluoromethane	0.450	0.486	0.496	0.442	0.441	0.4630	5.600
Methyl acetate	0.612	0.583	0.583	0.569	0.553	0.5800	3.800
Trichlorofluoromethane	0.911	0.908	0.862	0.772	0.763	0.8430	8.500
Methyl-t-Butyl Ether (MTBE)	1.361	1.396	1.407	1.348	1.334	1.3690	2.300
Isopropylbenzene	2.560	2.929	2.935	2.951	2.997	2.8740	6.200
Methylcyclohexane	0.479	0.506	0.518	0.481	0.491	0.4950	3.400
Toluene-D8	1.362	1.340	1.423	1.423	1.427	1.3950	2.900
p-Bromofluorobenzene	0.590	0.483	0.485	0.486	0.481	0.5050	9.400
1,2-Dichloroethane-D4	0.723	0.628	0.616	0.611	0.586	0.6330	8.400

Comments:

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration

8260 (A8I...0663)

Calibration Files
1 =P0834.D 2 =P0835.D 3 =P0836.D
4 =P0837.D 5 =P0838.D

		Compound		1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD						
2)	T	C290	Dichlorodifluor	0.450	0.486	0.496	0.442	0.441	0.463	5.63
3)	T	C010	Chloromethane	0.407	0.352	0.342	0.324	0.334	0.352	9.28
4)	T	C020	Vinyl chloride	0.449	0.415	0.404	0.379	0.387	0.407	6.78
5)	T	C015	Bromomethane	0.343	0.300	0.299	0.248	0.247	0.288	14.05
6)	T	C025	Chloroethane	0.271	0.262	0.252	0.228	0.233	0.249	7.45
7)	T	C275	Trichlorofluoro	0.910	0.908	0.862	0.772	0.763	0.843	8.49
8)	T	C045	1,1-Dichloroeth	0.378	0.367	0.349	0.326	0.321	0.348	7.12
9)	T	C030	Methylene chlor	0.993	0.480	0.434	0.412	0.408	-----	
								L M=	0.400	R^2=1.000
								B=	0.029	
10)	T	C040	Carbon disulfid	1.243	1.243	1.248	1.166	1.191	1.218	3.10
11)	T	C036	Acrolein	0.027	0.027	0.028	0.028	0.032	0.028	6.93
12)	T	C038	Acrylonitrile	0.170	0.180	0.178	0.173	0.172	0.175	2.25
13)	T	C035	Acetone	0.212	0.190	0.178	0.169	0.158	0.181	11.48
14)	T	C300	Acetonitrile	0.062	0.063	0.061	0.060	0.057	0.060	3.76
15)	T	C276	Iodomethane	0.606	0.613	0.602	0.562	0.577	0.592	3.65
16)	T	C291	1,1,2 Trichloro	0.391	0.423	0.407	0.368	0.359	0.390	6.72
17)	T	C962	T-butyl Methyl	1.361	1.396	1.407	1.348	1.334	1.369	2.30
18)	T	C057	trans-1,2-Dichl	0.436	0.393	0.371	0.353	0.350	0.381	9.33
19)	T	C255	Methyl Acetate	0.612	0.583	0.583	0.569	0.552	0.580	3.77
20)	T	C050	1,1-Dichloroeth	0.878	0.803	0.757	0.719	0.699	0.771	9.31
21)	T	C125	Vinyl Acetate	0.573	0.722	0.741	0.723	0.701	0.692	9.81
22)	T	C051	2,2-Dichloropro	0.667	0.695	0.690	0.661	0.646	0.672	3.06
23)	T	C056	cis-1,2-Dichlor	0.432	0.422	0.400	0.385	0.378	0.403	5.78
24)	T	C272	Tetrahydrofuran	0.121	0.139	0.139	0.136	0.133	0.134	5.51
25)	T	C222	Bromochlorometh	0.197	0.192	0.183	0.181	0.181	0.187	3.94
26)	T	C060	Chloroform	0.964	0.889	0.844	0.803	0.766	0.853	9.06
27)	T	C115	1,1,1-Trichloro	0.775	0.792	0.784	0.737	0.731	0.764	3.65
28)	T	C120	Carbon tetrachl	0.541	0.566	0.585	0.566	0.572	0.566	2.83
29)	T	C116	1,1-Dichloropro	0.576	0.577	0.563	0.546	0.540	0.560	3.04
30)	S	CS87	Dibromofluorome	0.418	0.374	0.384	0.384	0.380	0.388	4.50
31)	S	CS15	1,2-Dichloroeth	0.723	0.628	0.616	0.611	0.585	0.633	8.36
32)	T	C165	Benzene	1.616	1.518	1.447	1.411	1.415	1.481	5.83
33)	T	C065	1,2-Dichloroeth	0.928	0.841	0.793	0.742	0.700	0.801	11.05
34)	T	C110	2-Butanone	0.230	0.232	0.233	0.232	0.230	0.232	0.54
35)	T	C256	Cyclohexane	0.523	0.578	0.582	0.547	0.559	0.558	4.35
36)	T	C150	Trichloroethene	0.448	0.420	0.407	0.392	0.395	0.412	5.50
37)	T	C140	1,2-Dichloropro	0.393	0.379	0.368	0.363	0.364	0.373	3.43
38)	T	C278	Dibromomethane	0.299	0.291	0.279	0.271	0.272	0.282	4.35
39)	T	C130	Bromodichlorome	0.582	0.577	0.596	0.594	0.601	0.590	1.69
40)	T	C161	2-Chloroethylvi	0.222	0.297	0.299	0.292	0.285	0.279	11.63
41)	T	C012	Methylcycolhexa	0.479	0.506	0.518	0.481	0.490	0.495	3.39
42)	T	C145	cis-1,3-Dichlor	0.475	0.589	0.619	0.640	0.658	0.596	12.16
43)	I	CI20	Chlorobenzene-D	ISTD						
44)	S	CS05	Toluene-D8	1.362	1.340	1.423	1.423	1.427	1.395	2.93
45)	T	C230	Toluene	1.074	1.040	0.991	0.971	0.985	1.012	4.30
46)	T	C170	trans-1,3-Dichl	0.565	0.698	0.736	0.746	0.766	0.702	11.45
47)	T	C284	Ethyl Methacryl	0.400	0.589	0.637	0.641	0.652	-----	
								L M=	0.655	R^2=1.000
								B=	-0.020	

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration

Calibration Files
1 =P0834.D 2 =P0835.D 3 =P0836.D
4 =P0837.D 5 =P0838.D

			Compound	1	2	3	4	5	Avg	%RSD
48)	T	C160	1,1,2-Trichloro	0.344	0.357	0.351	0.345	0.346	0.349	1.48
49)	T	C210	4-Methyl-2-pent	0.496	0.565	0.556	0.529	0.505	0.530	5.71
50)	T	C220	Tetrachloroethe	0.390	0.411	0.387	0.361	0.362	0.382	5.51
51)	T	C221	1,3-Dichloropro	0.763	0.781	0.750	0.726	0.702	0.744	4.17
52)	T	C155	Dibromochlorome	0.334	0.396	0.426	0.448	0.469	0.415	12.68
53)	T	C163	1,2-Dibromoetha	0.452	0.451	0.444	0.443	0.453	0.449	1.04
54)	T	C215	2-Hexanone	0.313	0.405	0.401	0.381	0.356	0.371	10.22
55)	T	C235	Chlorobenzene	1.203	1.141	1.110	1.095	1.098	1.130	3.96
56)	T	C281	1,1,1,2-Tetrach	0.391	0.416	0.434	0.420	0.429	0.418	4.01
57)	T	C240	Ethylbenzene	2.093	2.090	2.042	1.974	1.950	2.030	3.23
58)	T	C246	m,p-Xylene	0.707	0.726	0.706	0.679	0.676	0.699	3.00
59)	T	C247	o-Xylene	0.684	0.727	0.734	0.704	0.698	0.709	2.94
60)	T	C245	Styrene	0.985	1.201	1.194	1.168	1.159	1.141	7.80
61)	S	CS10	p-Bromofluorobe	0.590	0.483	0.485	0.486	0.481	0.505	9.38
62)	I	CI30	1,4-Dichloroben	----------ISTD----------						
63)	T	C180	Bromoform	0.327	0.393	0.451	0.508	0.558	-----	
								L	M= 0.568	R^2=0.997
									B= -0.080	
64)	T	C966	Isopropylbenzen	2.560	2.929	2.935	2.951	2.997	2.874	6.18
65)	T	C301	Bromobenzene	0.806	0.813	0.768	0.770	0.770	0.785	2.80
66)	T	C225	1,1,2,2-Tetrach	1.079	1.041	1.018	1.038	1.055	1.046	2.17
67)	T	C282	1,2,3-Trichloro	0.366	0.338	0.329	0.328	0.315	0.335	5.73
68)	T	C283	t-1,4-Dichloro-	0.111	0.194	0.220	0.233	0.239	-----	
								L	M= 0.242	R^2=1.000
									B= -0.083	
69)	T	C302	n-Propylbenzene	3.344	3.737	3.605	3.576	3.593	3.571	3.98
70)	T	C303	2-Chlorotoluene	0.661	0.683	0.672	0.677	0.689	0.676	1.62
71)	T	C289	4-Chlorotoluene	0.638	0.703	0.686	0.701	0.714	0.688	4.32
72)	T	C304	1,3,5-Trimethyl	2.329	2.704	2.666	2.609	2.650	2.591	5.82
73)	T	C306	tert-Butylbenze	0.326	0.440	0.454	0.461	0.472	0.431	13.80
74)	T	C307	1,2,4-Trimethyl	2.392	2.791	2.735	2.701	2.718	2.667	5.91
75)	T	C308	sec-Butylbenzen	2.358	2.759	2.789	2.761	2.817	2.697	7.08
76)	T	C260	1,3-Dichloroben	1.443	1.512	1.427	1.387	1.401	1.434	3.39
77)	T	C309	4-Isopropyltolu	1.965	2.487	2.497	2.469	2.516	2.387	9.91
78)	T	C267	1,4-Dichloroben	1.701	1.538	1.453	1.451	1.467	1.522	6.98
79)	T	C249	1,2-Dichloroben	1.551	1.541	1.485	1.475	1.488	1.508	2.35
80)	T	C310	n-Butylbenzene	1.949	2.455	2.441	2.399	2.425	2.334	9.27
81)	T	C286	1,2-Dibromo-3-C	0.240	0.287	0.312	0.333	0.349	0.304	14.02
82)	T	C313	1,2,4-Trichloro	1.060	1.111	1.098	1.126	1.141	1.107	2.80
83)	T	C316	Hexachlorobutad	0.547	0.505	0.468	0.467	0.461	0.489	7.49
84)	T	C314	Naphthalene	2.603	3.374	3.472	3.631	3.654	3.347	12.90
85)	T	C934	1,2,3-Trichloro	0.953	1.101	1.075	1.105	1.104	1.068	6.10

Total Average %RSD 6.07□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 09/08/2008 ICC Profile Page: 1
Time: 15:03:38 Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/17/2008

Comments:

			ng On Column				
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSO/ 20% O) (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
201 110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202 142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203 534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204 75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210 96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220 106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230 74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240 95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250 541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260 106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270 75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280 75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290 107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300 75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307 109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310 156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320 156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330 78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340 142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350 594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360 563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370 10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380 10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390 100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410 87-68-3	Hexachlorobutadiena	5.0000	50.0000	125.0000	250.0000	500.0000
418 591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420 98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430 99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440 75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458 108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460 91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470 103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480 100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490 630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500 79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510 127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520 108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530 87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540 120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550 71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560 79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570 79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580 75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590 96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600 95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610 108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620 75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630 1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646 SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648 2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650 460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660 SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 09/08/2008 ICC Profile Page: 3
Time: 15:03:38 Rept: AN0287R

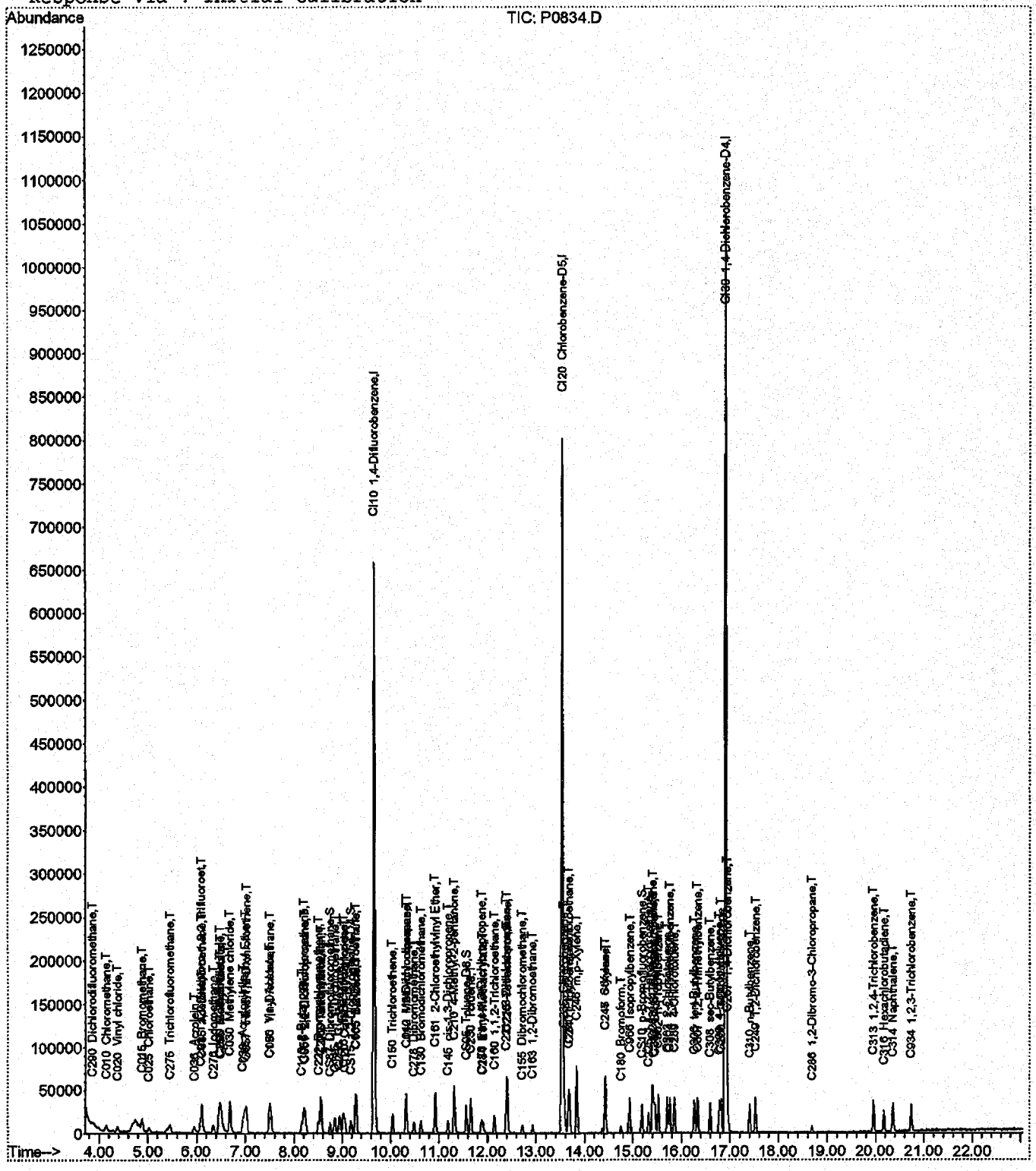
ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000
***	67-63-0	2-Propanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0834.D Vial: 3
Acq On : 8 Sep 2008 12:19 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:39 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:44:13 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0834.D Vial: 3
Acq On : 8 Sep 2008 12:19 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:40:10 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:38:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	576830	125.00	ng		0.00 90.07%
43) CI20	Chlorobenzene-D5	13.54	117	483889	125.00	ng		0.00 86.37%
62) CI30	1,4-Dichlorobenzene-	16.91	152	321707	125.00	ng		0.00 85.01%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	9655	5.39	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	4.31%#		
31) CS15	1,2-Dichloroethane-D	9.18	65	16681	5.71	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	4.57%#		
44) CS05	Toluene-D8	11.57	98	26357	4.88	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	3.90%#		
61) CS10	p-Bromofluorobenzene	15.19	174	11414	5.84	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	4.67%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	10384	5.17	ng		88
3) C010	Chloromethane	4.15	50	9391	5.79	ng		91
4) C020	Vinyl chloride	4.37	62	10360	5.52	ng		84
5) C015	Bromomethane	4.88	94	7911	5.96	ng		97
6) C025	Chloroethane	5.03	64	6260	5.44	ng		92
7) C275	Trichlorofluorometha	5.45	101	21007m	6.13	ng		88
8) C045	1,1-Dichloroethene	6.12	96	8718	5.43	ng		97
9) C030	Methylene chloride	6.69	84	22901	9.10	ng	#	80
10) C040	Carbon disulfide	6.48	76	28683	5.10	ng	#	92
11) C036	Acrolein	5.96	56	12510	95.51	ng		95
12) C038	Acrylonitrile	6.95	53	19640	24.38	ng		96
13) C035	Acetone	6.12	43	24477	29.23	ng		97
14) C300	Acetonitrile	6.47	41	57359	205.44	ng		91
15) C276	Iodomethane	6.34	142	13973	5.11	ng	#	77
16) C291	1,1,2 Trichloro-1,2,	6.08	101	9024	5.02	ng		93
17) C962	T-butyl Methyl Ether	7.00	73	31405	4.97	ng		93
18) C057	trans-1,2-Dichloroet	7.02	96	10071	5.73	ng		93
19) C255	Methyl Acetate	6.50	43	14115	5.28	ng		99
20) C050	1,1-Dichloroethane	7.51	63	20252	5.69	ng		99
21) C125	Vinyl Acetate	7.50	43	66146	20.71	ng		95
22) C051	2,2-Dichloropropane	8.23	77	15383	4.96	ng		87
23) C056	cis-1,2-Dichloroethe	8.20	96	9970	5.36	ng		93
24) C272	Tetrahydrofuran	8.57	42	13983	22.65	ng		90
25) C222	Bromochloromethane	8.51	128	4554	5.28	ng	#	77
26) C060	Chloroform	8.55	83	22254	5.65	ng		98
27) C115	1,1,1-Trichloroethan	8.85	97	17873	5.07	ng		92
28) C120	Carbon tetrachloride	9.05	117	12484	4.78	ng		94
29) C116	1,1-Dichloropropene	9.03	75	13287	5.14	ng		94
32) C165	Benzene	9.29	78	37275	5.45	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0834.D Vial: 3
Acq On : 8 Sep 2008 12:19 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:40:10 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:38:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.28	62	21409	5.79	ng		93
34)	C110	2-Butanone	8.16	43	26534	24.83	ng		98
35)	C256	Cyclohexane	8.94	56	12059	4.69	ng		97
36)	C150	Trichloroethene	10.04	95	10327	5.43	ng		93
37)	C140	1,2-Dichloropropane	10.33	63	9072	5.27	ng		79
38)	C278	Dibromomethane	10.48	93	6905	5.30	ng		89
39)	C130	Bromodichloromethane	10.64	83	13436	4.94	ng		90
40)	C161	2-Chloroethylvinyl E	10.93	63	25592	19.87	ng	#	85
41)	C012	Methylcycolhexane	10.32	83	11052	4.84	ng	#	80
42)	C145	cis-1,3-Dichloroprop	11.18	75	10961	3.98	ng		88
45)	C230	Toluene	11.66	92	20797	5.31	ng		92
46)	C170	trans-1,3-Dichloropr	11.88	75	10939	4.02	ng		84
47)	C284	Ethyl Methacrylate	11.91	69	7747	3.43	ng	#	53
48)	C160	1,1,2-Trichloroethan	12.14	83	6658	4.93	ng		85
49)	C210	4-Methyl-2-pentanone	11.32	43	47989	23.39	ng	#	89
50)	C220	Tetrachloroethene	12.41	166	7552	5.10	ng		87
51)	C221	1,3-Dichloropropane	12.38	76	14759	5.12	ng		92
52)	C155	Dibromochloromethane	12.72	129	6463	4.03	ng		84
53)	C163	1,2-Dibromoethane	12.93	107	8749	5.04	ng		94
54)	C215	2-Hexanone	12.40	43	30303	21.08	ng		92
55)	C235	Chlorobenzene	13.58	112	23281	5.32	ng		93
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	7570	4.68	ng		95
57)	C240	Ethylbenzene	13.68	91	40507	5.16	ng		97
58)	C246	m,p-Xylene	13.84	106	27379	10.12	ng		93
59)	C247	o-Xylene	14.42	106	13231	4.82	ng		98
60)	C245	Styrene	14.43	104	19070	4.32	ng	#	62
63)	C180	Bromoform	14.75	173	4210	3.66	ng		82
64)	C966	Isopropylbenzene	14.93	105	32943	4.45	ng		92
65)	C301	Bromobenzene	15.46	156	10366	5.13	ng		96
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	13887	5.16	ng		86
67)	C282	1,2,3-Trichloropropa	15.44	110	4716	5.47	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	7132	13.91	ng	#	80
69)	C302	n-Propylbenzene	15.53	91	43035	4.68	ng		92
70)	C303	2-Chlorotoluene	15.70	126	8500	4.88	ng		100
71)	C289	4-Chlorotoluene	15.86	126	8213	4.64	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	29966	4.49	ng		60
73)	C306	tert-Butylbenzene	16.27	134	4199	3.79	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	30777	4.48	ng		96
75)	C308	sec-Butylbenzene	16.60	105	30341	4.37	ng		95
76)	C260	1,3-Dichlorobenzene	16.83	146	18563	5.03	ng		85
77)	C309	4-Isopropyltoluene	16.79	119	25282	4.12	ng		94
78)	C267	1,4-Dichlorobenzene	16.95	146	21892	5.59	ng		93
79)	C249	1,2-Dichlorobenzene	17.53	146	19957	5.14	ng		95
80)	C310	n-Butylbenzene	17.41	91	25076	4.17	ng		97
81)	C286	1,2-Dibromo-3-Chloro	18.69	75	3091	3.95	ng	#	71
82)	C313	1,2,4-Trichlorobenze	19.96	180	13637	4.79	ng		85
83)	C316	Hexachlorobutadiene	20.17	225	7037	5.59	ng		85
84)	C314	Naphthalene	20.36	128	33493	3.89	ng		92
85)	C934	1,2,3-Trichlorobenze	20.73	180	12266	4.46	ng		97

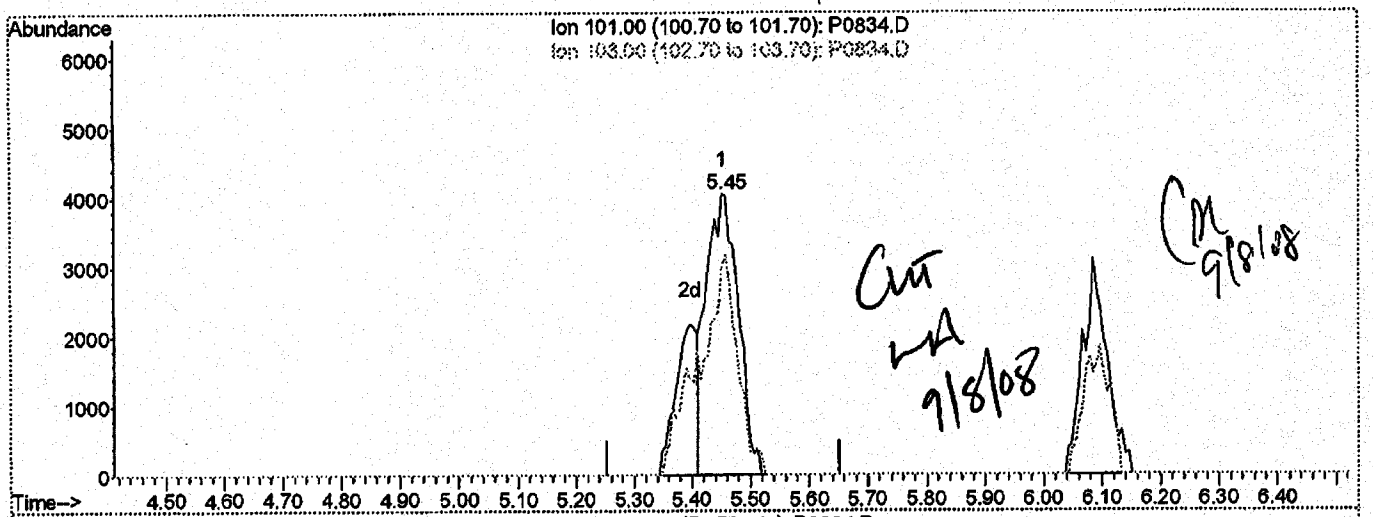
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0834.D
Acq On : 8 Sep 2008 12:19
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:39 2008

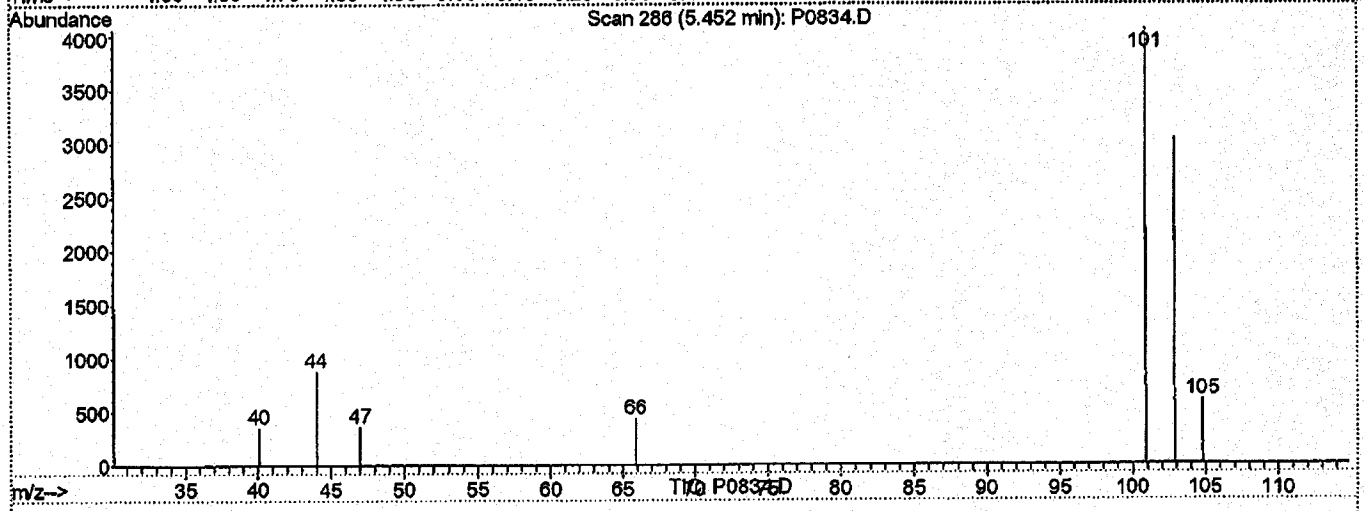
Vial: 3
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:38:37 2008
Response via : Multiple Level Calibration



CM 9/8/08

CM 9/8/08



(7) C275 Trichlorofluoromethane (T)

5.45min 4.47ng

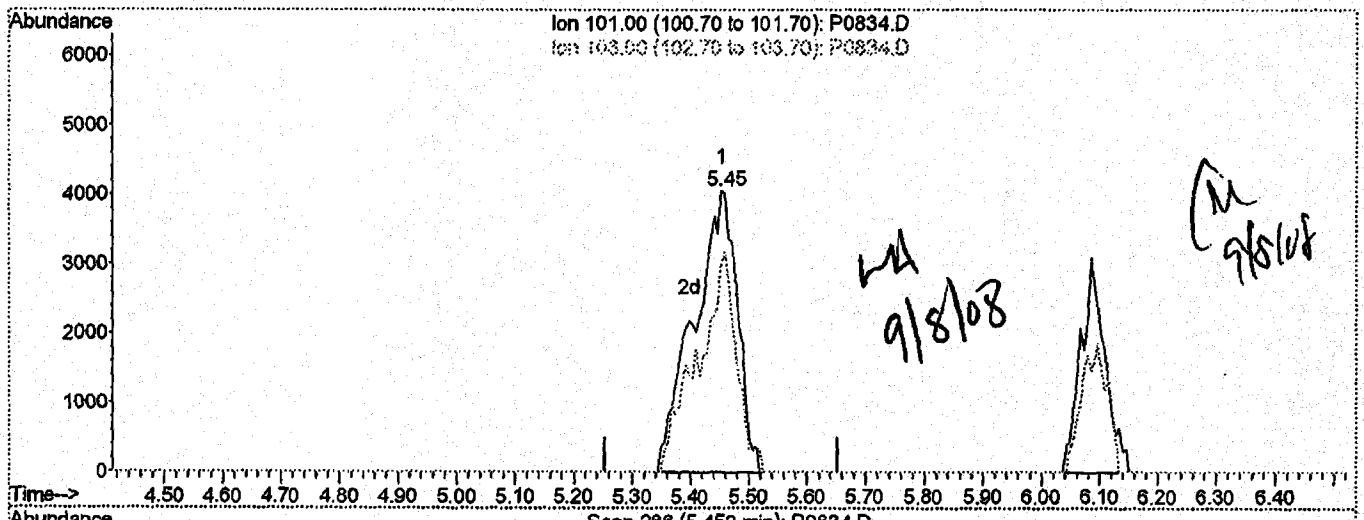
response 15303

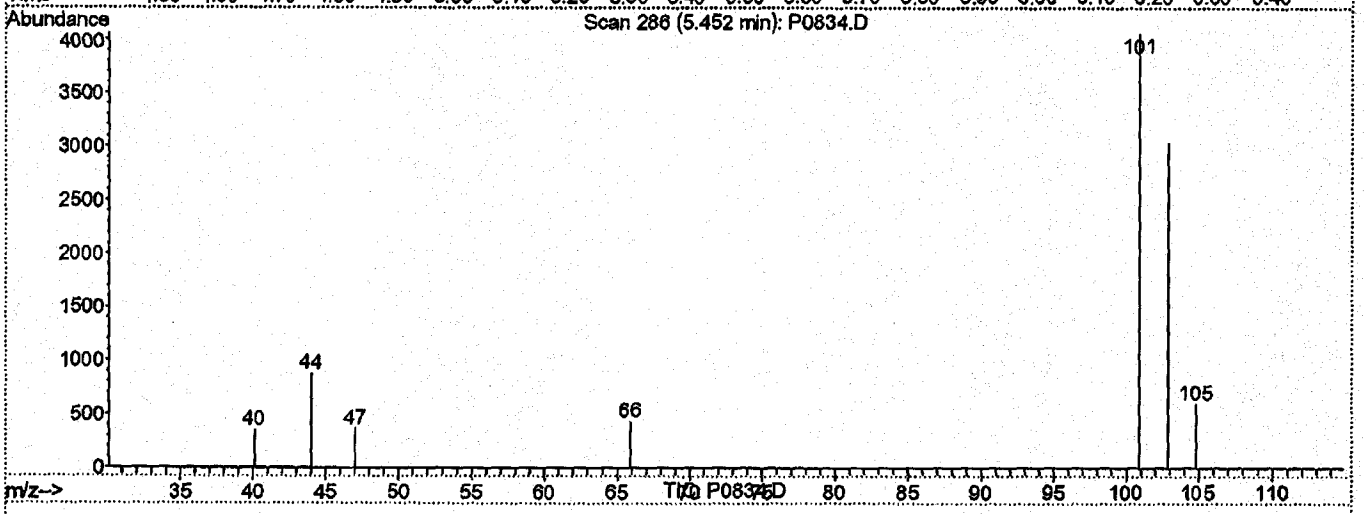
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	74.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0834.D Vial: 3
Acq On : 8 Sep 2008 12:19 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:39 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:38:37 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 6.13ng m

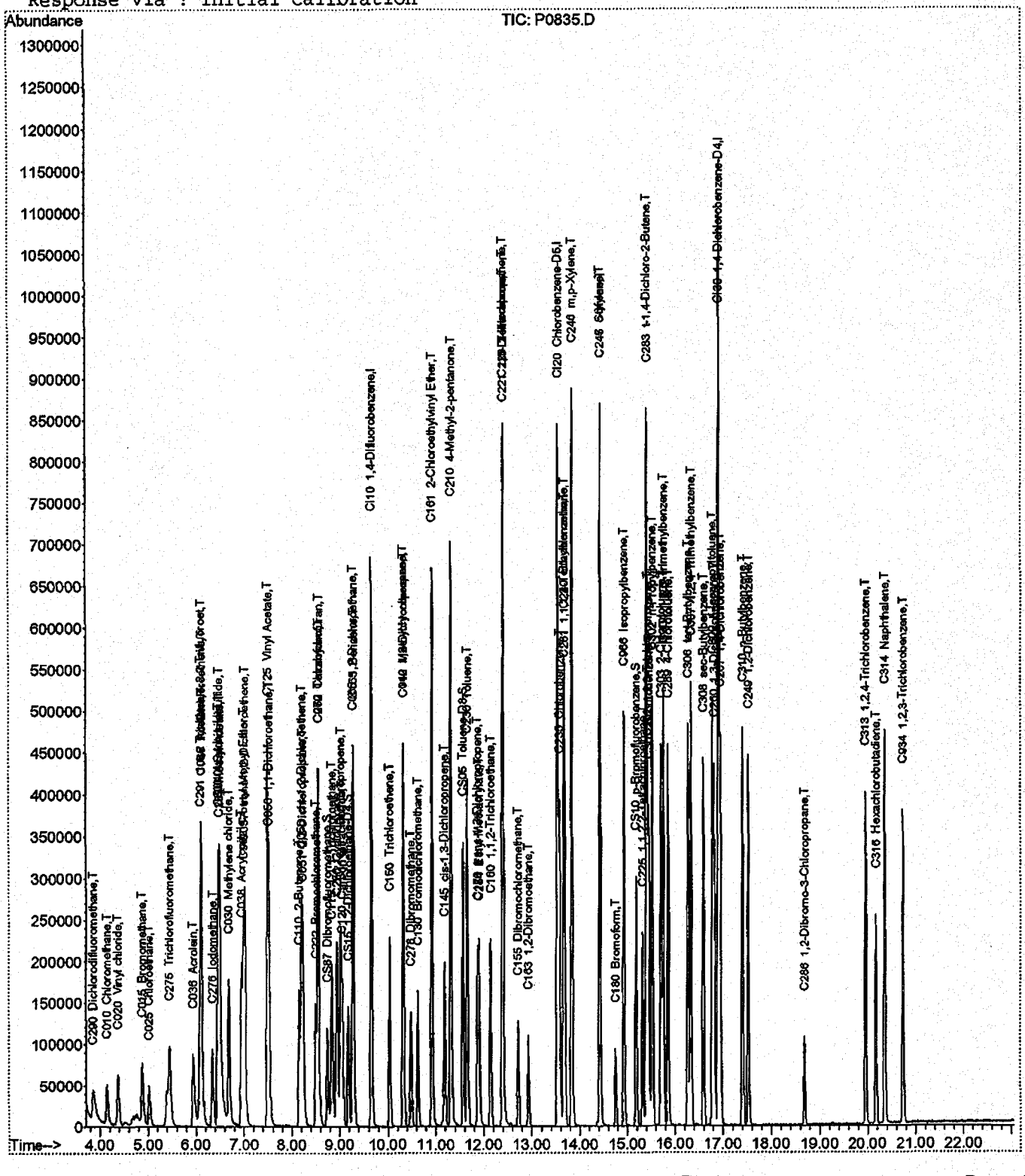
response 21007

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	74.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:40 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:44:13 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:41:00 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:40:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	573260	125.00	ng		0.00 89.51%
43) CI20	Chlorobenzene-D5	13.54	117	495468	125.00	ng		0.00 88.43%
62) CI30	1,4-Dichlorobenzene-	16.91	152	330823	125.00	ng		0.00 87.42%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	85771	48.19	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	38.55%#		
31) CS15	1,2-Dichloroethane-D	9.18	65	143933	49.62	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	39.70%#		
44) CS05	Toluene-D8	11.57	98	265640	48.04	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	38.43%#		
61) CS10	p-Bromofluorobenzene	15.19	174	95697	47.81	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	38.25%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	111391m	55.78	ng		96
3) C010	Chloromethane	4.15	50	80796	50.08	ng		99
4) C020	Vinyl chloride	4.38	62	95113	51.01	ng		99
5) C015	Bromomethane	4.88	94	68810	52.17	ng		98
6) C025	Chloroethane	5.02	64	60122	52.57	ng		98
7) C275	Trichlorofluorometha	5.45	101	208211m	57.34	ng		96
8) C045	1,1-Dichloroethene	6.11	96	84074	52.65	ng	#	72
9) C030	Methylene chloride	6.69	84	110108	44.03	ng		89
10) C040	Carbon disulfide	6.48	76	285052	51.02	ng		98
11) C036	Acrolein	5.94	56	123963	952.32	ng		94
12) C038	Acrylonitrile	6.94	53	205853	257.08	ng		96
13) C035	Acetone	6.11	43	218119	262.12	ng		96
14) C300	Acetonitrile	6.46	41	576122	2076.29	ng		93
15) C276	Iodomethane	6.35	142	140584	51.77	ng	#	78
16) C291	1,1,2 Trichloro-1,2,	6.09	101	96884	54.22	ng		88
17) C962	T-butyl Methyl Ether	6.99	73	320174	50.98	ng		91
18) C057	trans-1,2-Dichloroet	7.02	96	90088	51.59	ng		93
19) C255	Methyl Acetate	6.50	43	133602	50.25	ng		97
20) C050	1,1-Dichloroethane	7.52	63	184149	52.08	ng		96
21) C125	Vinyl Acetate	7.49	43	828328	260.96	ng		97
22) C051	2,2-Dichloropropane	8.23	77	159423	51.73	ng		97
23) C056	cis-1,2-Dichloroethe	8.20	96	96741	52.30	ng		94
24) C272	Tetrahydrofuran	8.56	42	159289	259.66	ng		92
25) C222	Bromochloromethane	8.51	128	43934	51.28	ng	#	73
26) C060	Chloroform	8.55	83	203807	52.09	ng		96
27) C115	1,1,1-Trichloroethan	8.84	97	181589	51.84	ng		97
28) C120	Carbon tetrachloride	9.06	117	129864	50.02	ng		99
29) C116	1,1-Dichloropropene	9.02	75	132317	51.49	ng		98
32) C165	Benzene	9.28	78	347999	51.23	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:41:00 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:40:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA

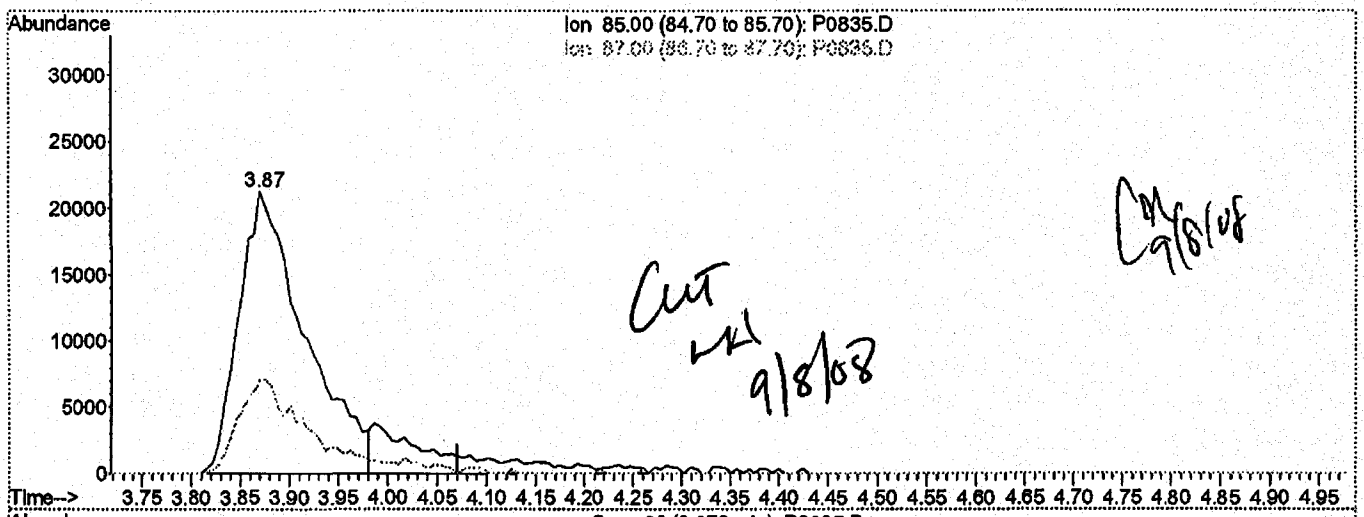
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	192766	52.48	ng		98
34)	C110	2-Butanone	8.15	43	265923	250.42	ng		98
35)	C256	Cyclohexane	8.95	56	132498	51.81	ng		92
36)	C150	Trichloroethene	10.04	95	96302	50.94	ng		98
37)	C140	1,2-Dichloropropane	10.33	63	86810	50.71	ng		91
38)	C278	Dibromomethane	10.48	93	66649	51.46	ng		97
39)	C130	Bromodichloromethane	10.63	83	132211	48.88	ng		99
40)	C161	2-Chloroethylvinyl E	10.92	63	341013	266.41	ng	#	84
41)	C012	Methylcycolhexane	10.32	83	116039	51.14	ng	#	83
42)	C145	cis-1,3-Dichloroprop	11.18	75	135004	49.37	ng		99
45)	C230	Toluene	11.66	92	206120	51.38	ng		98
46)	C170	trans-1,3-Dichloropr	11.88	75	138377	49.72	ng		89
47)	C284	Ethyl Methacrylate	11.91	69	116669	50.43	ng	#	65
48)	C160	1,1,2-Trichloroethan	12.14	83	70664	51.12	ng		91
49)	C210	4-Methyl-2-pentanone	11.31	43	559634	266.35	ng	#	84
50)	C220	Tetrachloroethene	12.41	166	81475	53.76	ng		97
51)	C221	1,3-Dichloropropane	12.39	76	154752	52.46	ng		100
52)	C155	Dibromochloromethane	12.72	129	78463	47.75	ng		96
53)	C163	1,2-Dibromoethane	12.93	107	89377	50.27	ng		91
54)	C215	2-Hexanone	12.40	43	401315	272.62	ng		98
55)	C235	Chlorobenzene	13.58	112	226134	50.51	ng		99
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	82485	49.76	ng		94
57)	C240	Ethylbenzene	13.68	91	414151	51.48	ng		96
58)	C246	m,p-Xylene	13.84	106	287849	103.89	ng	#	85
59)	C247	o-Xylene	14.42	106	144016	51.23	ng	#	81
60)	C245	Styrene	14.43	104	238032	52.62	ng	#	65
63)	C180	Bromoform	14.75	173	51977	43.90	ng		94
64)	C966	Isopropylbenzene	14.93	105	387628	50.95	ng		99
65)	C301	Bromobenzene	15.45	156	107571	51.75	ng		94
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	137769	49.76	ng		96
67)	C282	1,2,3-Trichloropropa	15.43	110	44675	50.34	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	128281	243.26	ng	#	63
69)	C302	n-Propylbenzene	15.53	91	494536	52.33	ng		98
70)	C303	2-Chlorotoluene	15.71	126	90394	50.50	ng		100
71)	C289	4-Chlorotoluene	15.86	126	92975	51.03	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	357814	52.17	ng		61
73)	C306	tert-Butylbenzene	16.27	134	58219	51.09	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	369286	52.31	ng		94
75)	C308	sec-Butylbenzene	16.59	105	365110	51.16	ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	200034	52.72	ng		95
77)	C309	4-Isopropyltoluene	16.79	119	329145	52.11	ng		93
78)	C267	1,4-Dichlorobenzene	16.94	146	203541	50.52	ng		97
79)	C249	1,2-Dichlorobenzene	17.53	146	203955	51.11	ng		97
80)	C310	n-Butylbenzene	17.41	91	324909	52.60	ng		100
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	37983	47.16	ng		87
82)	C313	1,2,4-Trichlorobenze	19.96	180	147035	50.17	ng		97
83)	C316	Hexachlorobutadiene	20.17	225	66857	51.62	ng		98
84)	C314	Naphthalene	20.36	128	446492	50.41	ng		96
85)	C934	1,2,3-Trichlorobenze	20.73	180	145739	51.58	ng		99

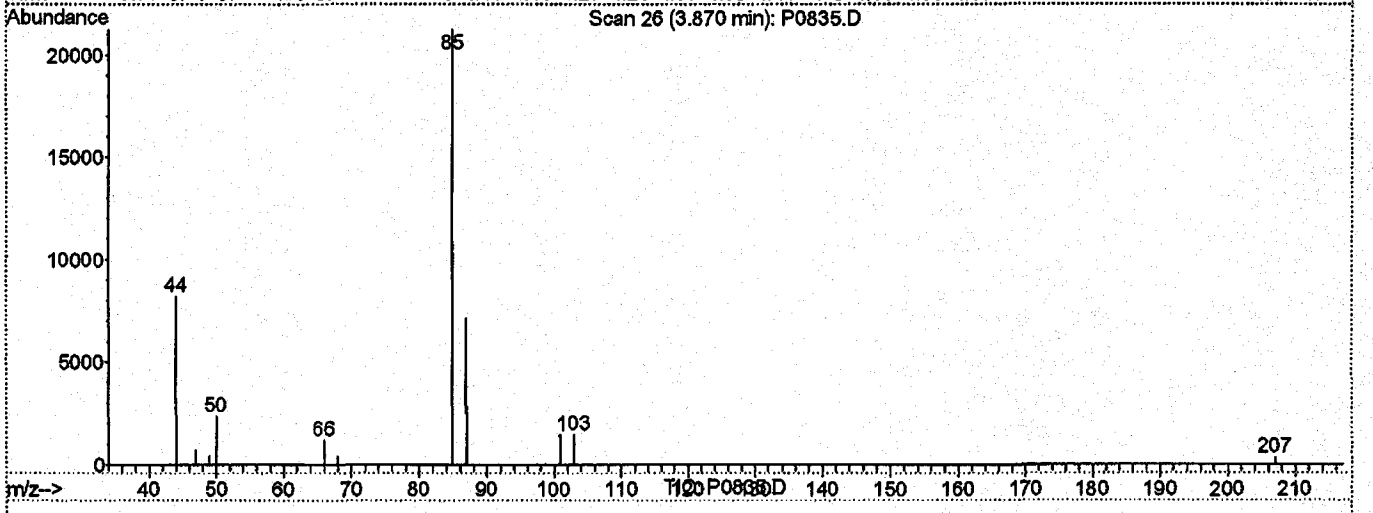
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:39 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:40:54 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 49.71ng

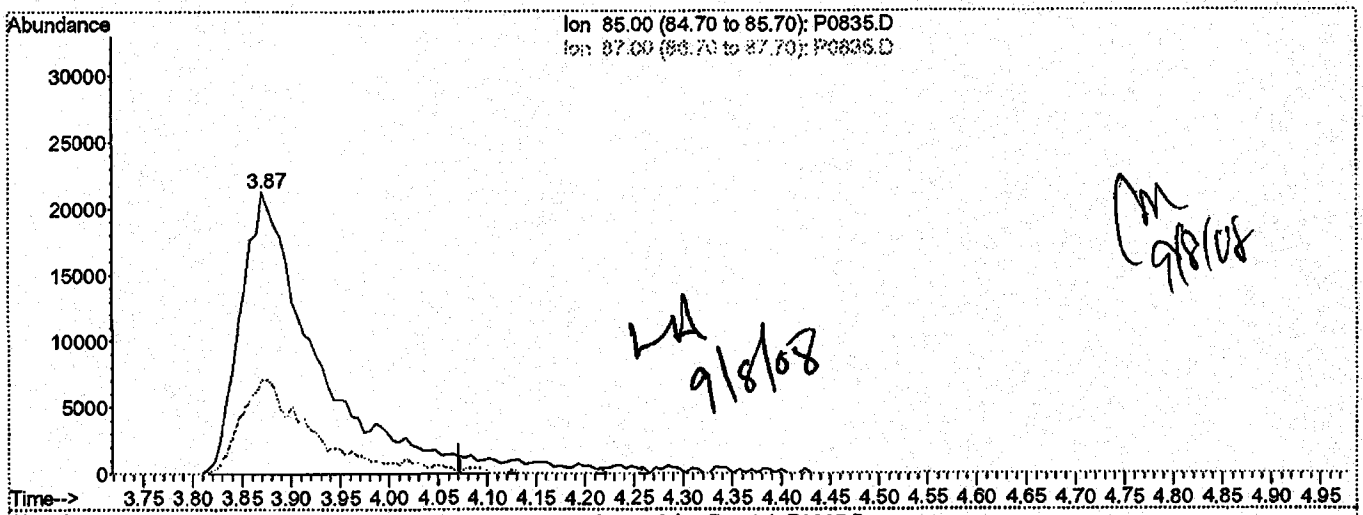
response 99264

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	33.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

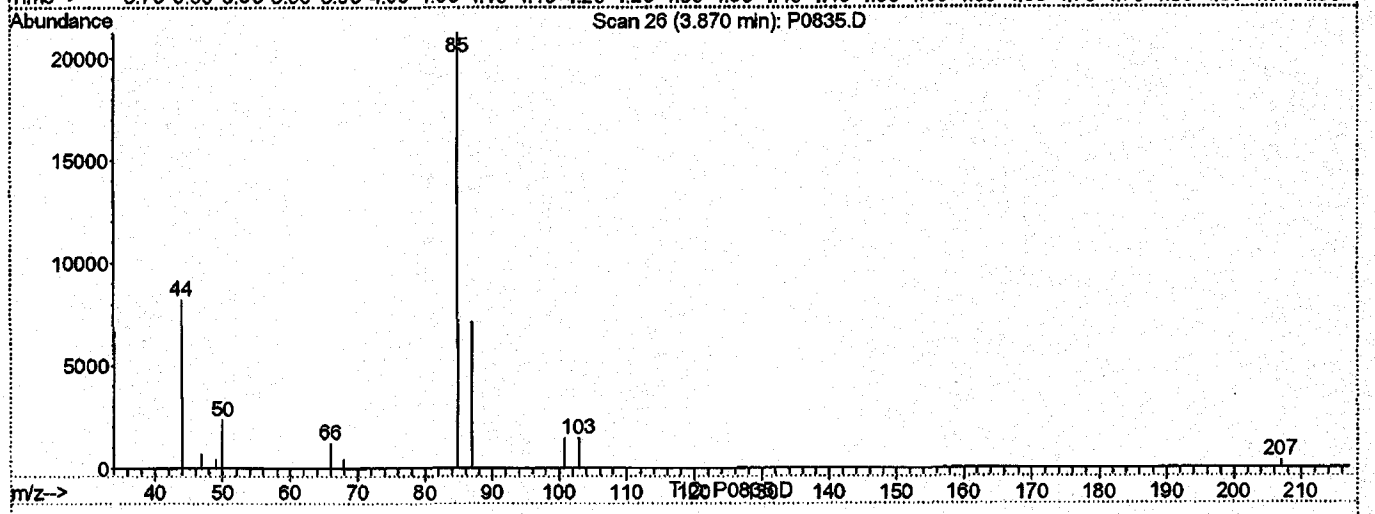
Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:40:54 2008
Response via : Multiple Level Calibration



LH 9/8/08

CM 9/8/08



(2) C290 Dichlorodifluoromethane (T)

3.87min 55.78ng m

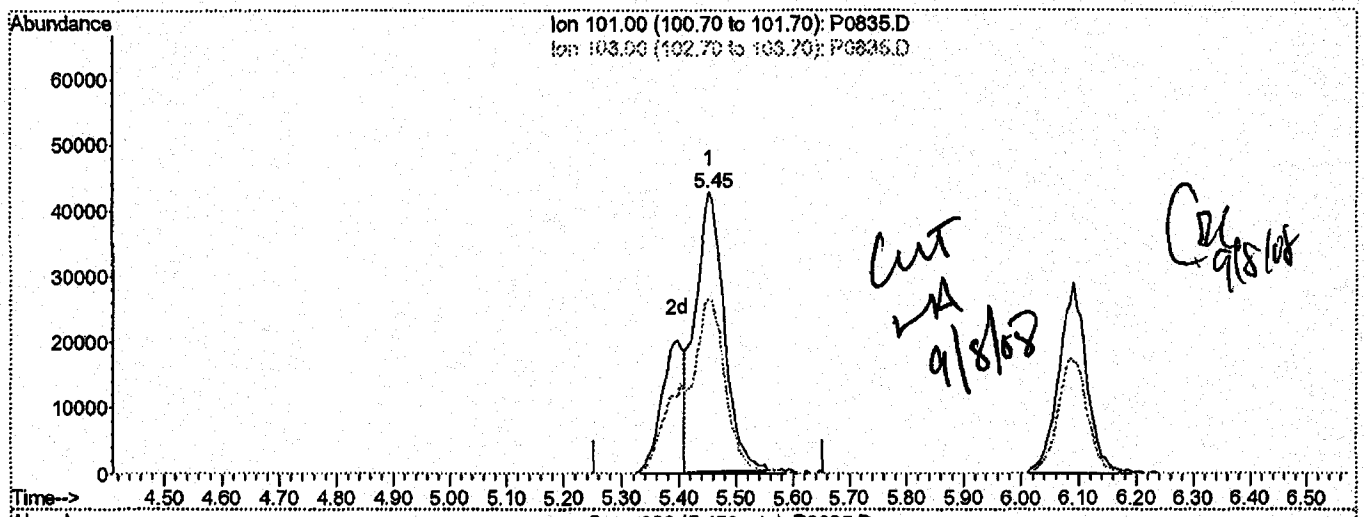
response 111391

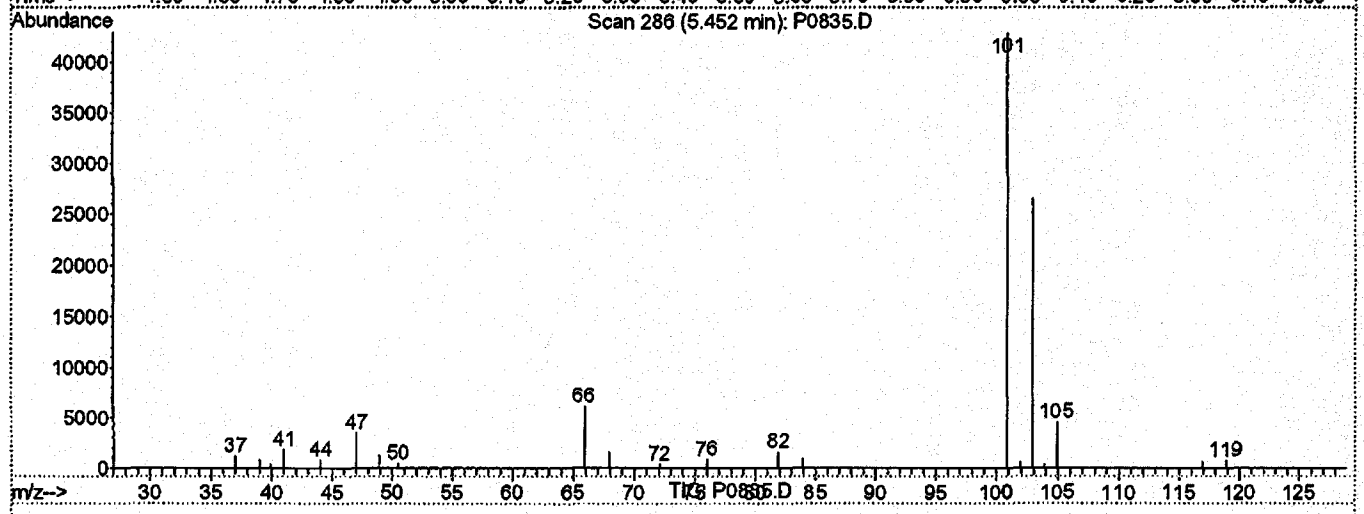
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	33.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:40:54 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 40.98ng

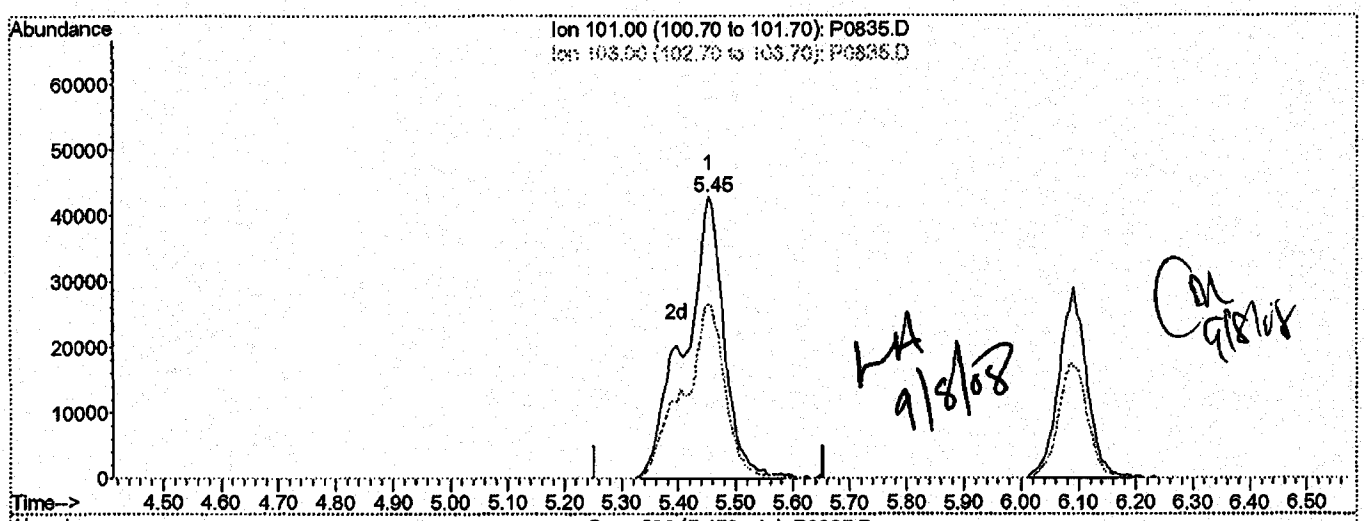
response 148830

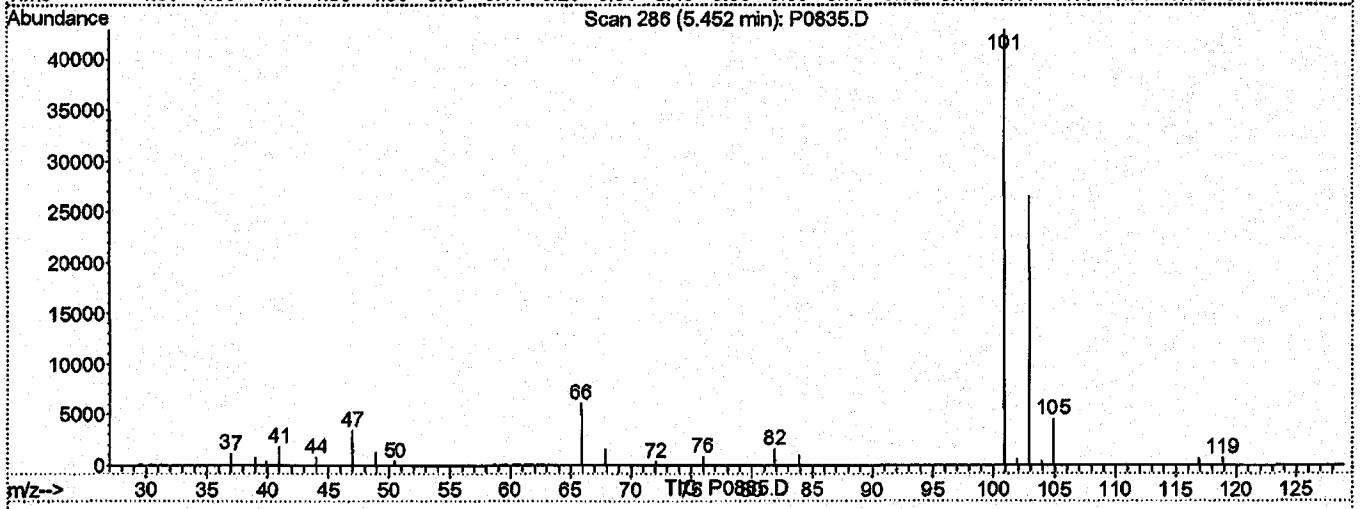
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	61.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0835.D Vial: 4
Acq On : 8 Sep 2008 12:47 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:40:54 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 57.34ng m

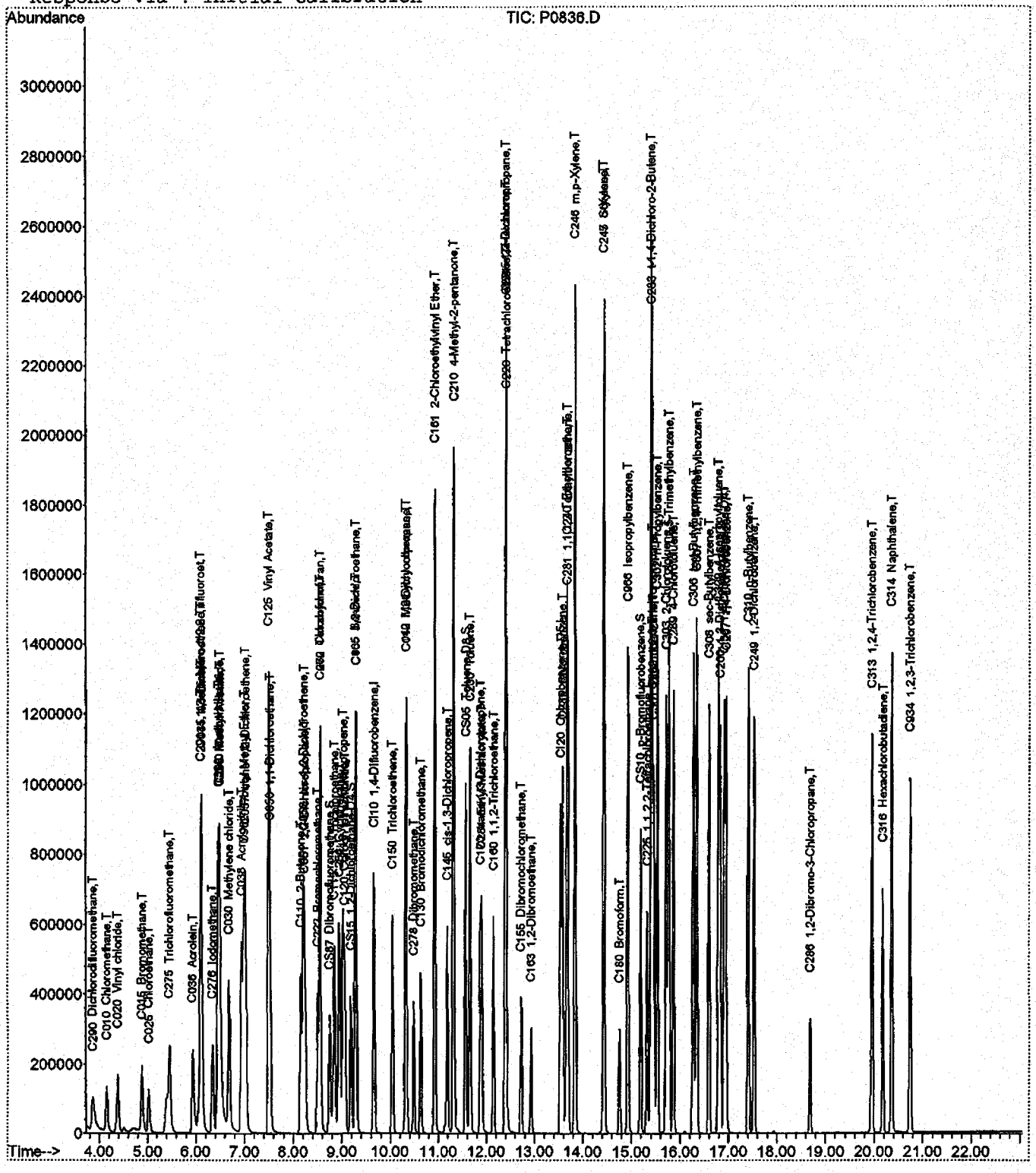
response 208211

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	61.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0836.D Vial: 5
Acq On : 8 Sep 2008 13:15 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:44:13 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0836.D Vial: 5
Acq On : 8 Sep 2008 13:15 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:41:54 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:41:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	640742	125.00	ng		0.00 100.05%
43) CI20	Chlorobenzene-D5	13.54	117	560275	125.00	ng		0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	16.91	152	378427	125.00	ng		0.00 100.00%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	245936	123.62	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	98.90%			
31) CS15	1,2-Dichloroethane-D	9.18	65	394475	121.66	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	97.33%			
44) CS05	Toluene-D8	11.57	98	797463	127.53	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	102.02%			
61) CS10	p-Bromofluorobenzene	15.19	174	271913	120.12	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	96.10%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	317784m	138.99	ng		97
3) C010	Chloromethane	4.15	50	218948	121.42	ng		97
4) C020	Vinyl chloride	4.38	62	258566	124.06	ng		95
5) C015	Bromomethane	4.88	94	191812	130.12	ng		93
6) C025	Chloroethane	5.03	64	161592	126.40	ng		98
7) C275	Trichlorofluorometha	5.45	101	552402	127.74	ng		94
8) C045	1,1-Dichloroethene	6.11	96	223818	125.40	ng	#	82
9) C030	Methylene chloride	6.69	84	277976	99.44	ng	#	84
10) C040	Carbon disulfide	6.49	76	799948	128.09	ng		99
11) C036	Acrolein	5.94	56	352958	2425.96	ng		95
12) C038	Acrylonitrile	6.94	53	569731	636.57	ng		96
13) C035	Acetone	6.10	43	569822	612.66	ng		94
14) C300	Acetonitrile	6.46	41	1560821	5032.64	ng		95
15) C276	Iodomethane	6.34	142	385958	127.17	ng	#	77
16) C291	1,1,2 Trichloro-1,2,	6.09	101	260582	130.47	ng		90
17) C962	T-butyl Methyl Ether	6.99	73	901647	128.46	ng		91
18) C057	trans-1,2-Dichloroet	7.02	96	237819	121.84	ng		96
19) C255	Methyl Acetate	6.49	43	373558	125.70	ng		96
20) C050	1,1-Dichloroethane	7.52	63	484898	122.69	ng		96
21) C125	Vinyl Acetate	7.49	43	2374304	669.24	ng		98
22) C051	2,2-Dichloropropane	8.23	77	442318	128.41	ng		96
23) C056	cis-1,2-Dichloroethe	8.20	96	256120	123.88	ng		93
24) C272	Tetrahydrofuran	8.55	42	444723	648.59	ng	#	87
25) C222	Bromochloromethane	8.50	128	117464	122.66	ng	#	80
26) C060	Chloroform	8.55	83	540534	123.59	ng		94
27) C115	1,1,1-Trichloroethan	8.84	97	502517	128.34	ng		97
28) C120	Carbon tetrachloride	9.05	117	374958	129.20	ng		97
29) C116	1,1-Dichloropropene	9.02	75	360640	125.56	ng		99
32) C165	Benzene	9.28	78	927033	122.09	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0836.D Vial: 5
Acq On : 8 Sep 2008 13:15 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:41:54 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:41:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA

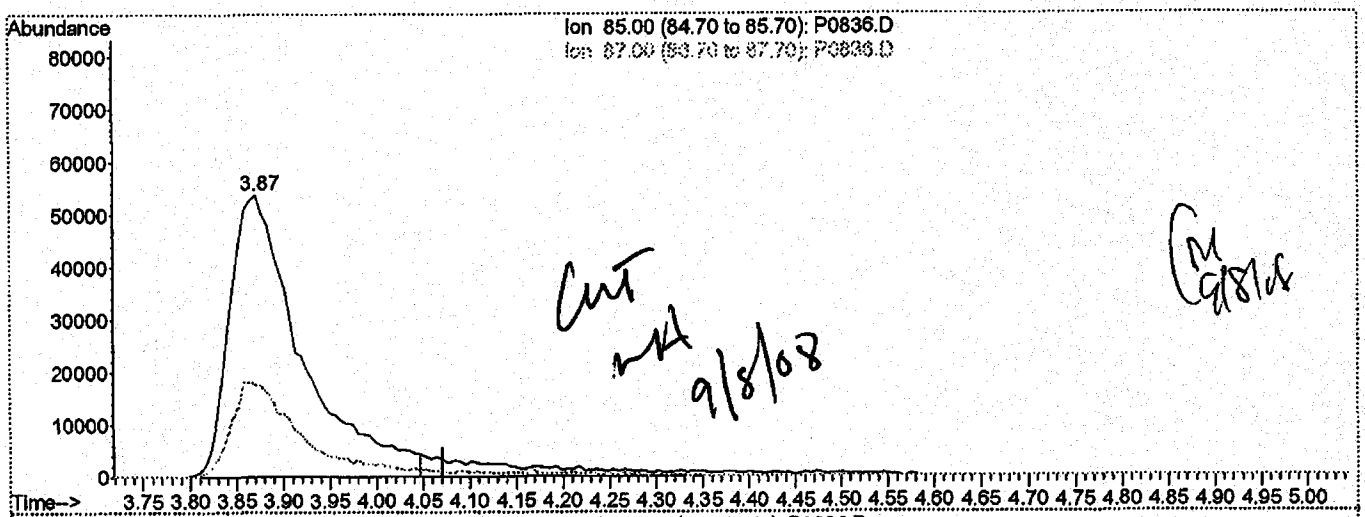
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	508067	123.76	ng		97
34)	C110	2-Butanone	8.15	43	745898	628.44	ng		98
35)	C256	Cyclohexane	8.94	56	372891	130.46	ng		94
36)	C150	Trichloroethene	10.04	95	260562	123.30	ng		96
37)	C140	1,2-Dichloropropane	10.33	63	235932	123.30	ng		89
38)	C278	Dibromomethane	10.48	93	178744	123.48	ng		93
39)	C130	Bromodichloromethane	10.63	83	381621	126.22	ng		99
40)	C161	2-Chloroethylvinyl E	10.92	63	958567	669.99	ng	#	83
41)	C012	Methylcycolhexane	10.32	83	331713	130.79	ng	#	82
42)	C145	cis-1,3-Dichloroprop	11.18	75	396658	129.77	ng		98
45)	C230	Toluene	11.65	92	555199	122.38	ng		96
46)	C170	trans-1,3-Dichloropr	11.87	75	412127	130.95	ng		88
47)	C284	Ethyl Methacrylate	11.90	69	356848	136.42	ng	#	66
48)	C160	1,1,2-Trichloroethan	12.14	83	196795	125.90	ng		92
49)	C210	4-Methyl-2-pentanone	11.31	43	1557438	655.51	ng	#	83
50)	C220	Tetrachloroethene	12.41	166	217078	126.66	ng		97
51)	C221	1,3-Dichloropropane	12.39	76	420138	125.96	ng		97
52)	C155	Dibromochloromethane	12.72	129	238794	128.50	ng		98
53)	C163	1,2-Dibromoethane	12.93	107	248721	123.70	ng		92
54)	C215	2-Hexanone	12.39	43	1124452	675.50	ng		98
55)	C235	Chlorobenzene	13.58	112	622091	122.87	ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	243285	129.78	ng		93
57)	C240	Ethylbenzene	13.68	91	1144283	125.78	ng		99
58)	C246	m,p-Xylene	13.84	106	791120	252.49	ng	#	82
59)	C247	o-Xylene	14.42	106	411306	129.39	ng	#	85
60)	C245	Styrene	14.43	104	668842	130.75	ng		73
63)	C180	Bromoform	14.75	173	170671	126.02	ng		99
64)	C966	Isopropylbenzene	14.92	105	1110585	127.62	ng		99
65)	C301	Bromobenzene	15.45	156	290601	122.22	ng		95
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	385129	121.60	ng		96
67)	C282	1,2,3-Trichloropropa	15.43	110	124530	122.68	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	415690	689.12	ng	#	54
69)	C302	n-Propylbenzene	15.53	91	1364293	126.19	ng		96
70)	C303	2-Chlorotoluene	15.71	126	254314	124.21	ng		100
71)	C289	4-Chlorotoluene	15.86	126	259611	124.57	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	1008758	128.58	ng		61
73)	C306	tert-Butylbenzene	16.27	134	171831	131.83	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	1035166	128.19	ng		93
75)	C308	sec-Butylbenzene	16.59	105	1055510	129.28	ng		100
76)	C260	1,3-Dichlorobenzene	16.82	146	539981	124.40	ng		97
77)	C309	4-Isopropyltoluene	16.79	119	944960	130.77	ng		94
78)	C267	1,4-Dichlorobenzene	16.94	146	549999	119.35	ng		99
79)	C249	1,2-Dichlorobenzene	17.53	146	561808	123.07	ng		97
80)	C310	n-Butylbenzene	17.41	91	923678	130.73	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	118124	128.23	ng		88
82)	C313	1,2,4-Trichlorobenze	19.95	180	415666	123.99	ng		97
83)	C316	Hexachlorobutadiene	20.17	225	176976	119.45	ng		91
84)	C314	Naphthalene	20.36	128	1313851	129.68	ng		97
85)	C934	1,2,3-Trichlorobenze	20.74	180	406852	125.88	ng		98

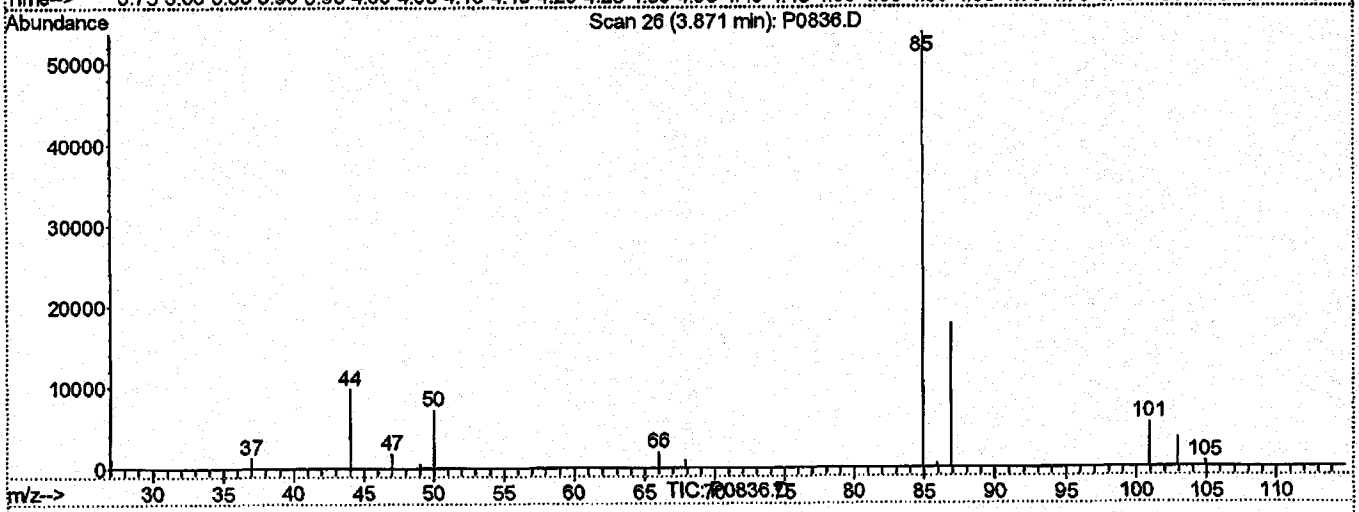
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0836.D Vial: 5
Acq On : 8 Sep 2008 13:15 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:40 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:41:47 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 126.80ng

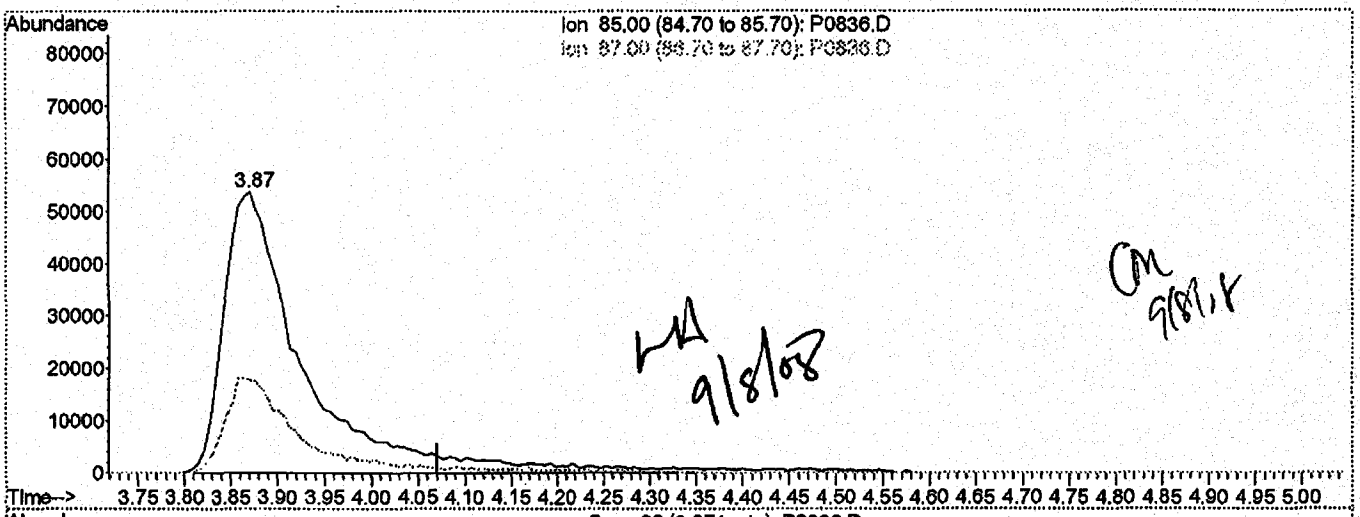
response 289899

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

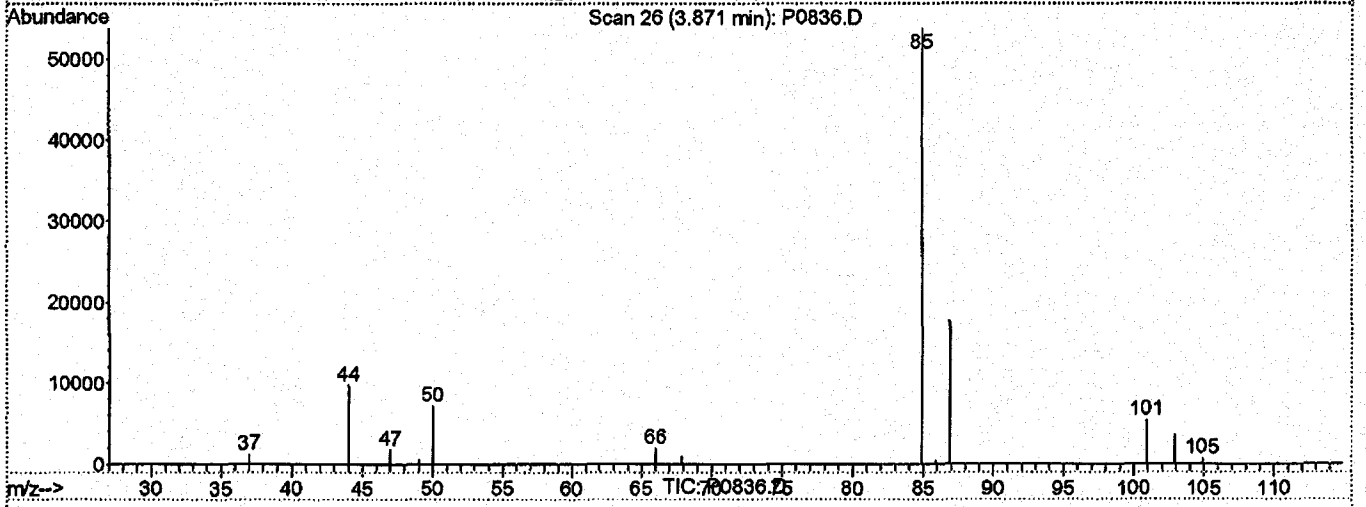
Data File : H:\GCMS_VOA\P\090808\P0836.D Vial: 5
Acq On : 8 Sep 2008 13:15 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:41:47 2008
Response via : Multiple Level Calibration



LH 9/8/08

CM 9/8/08



(2) C290 Dichlorodifluoromethane (T)

3.87min 138.99ng m

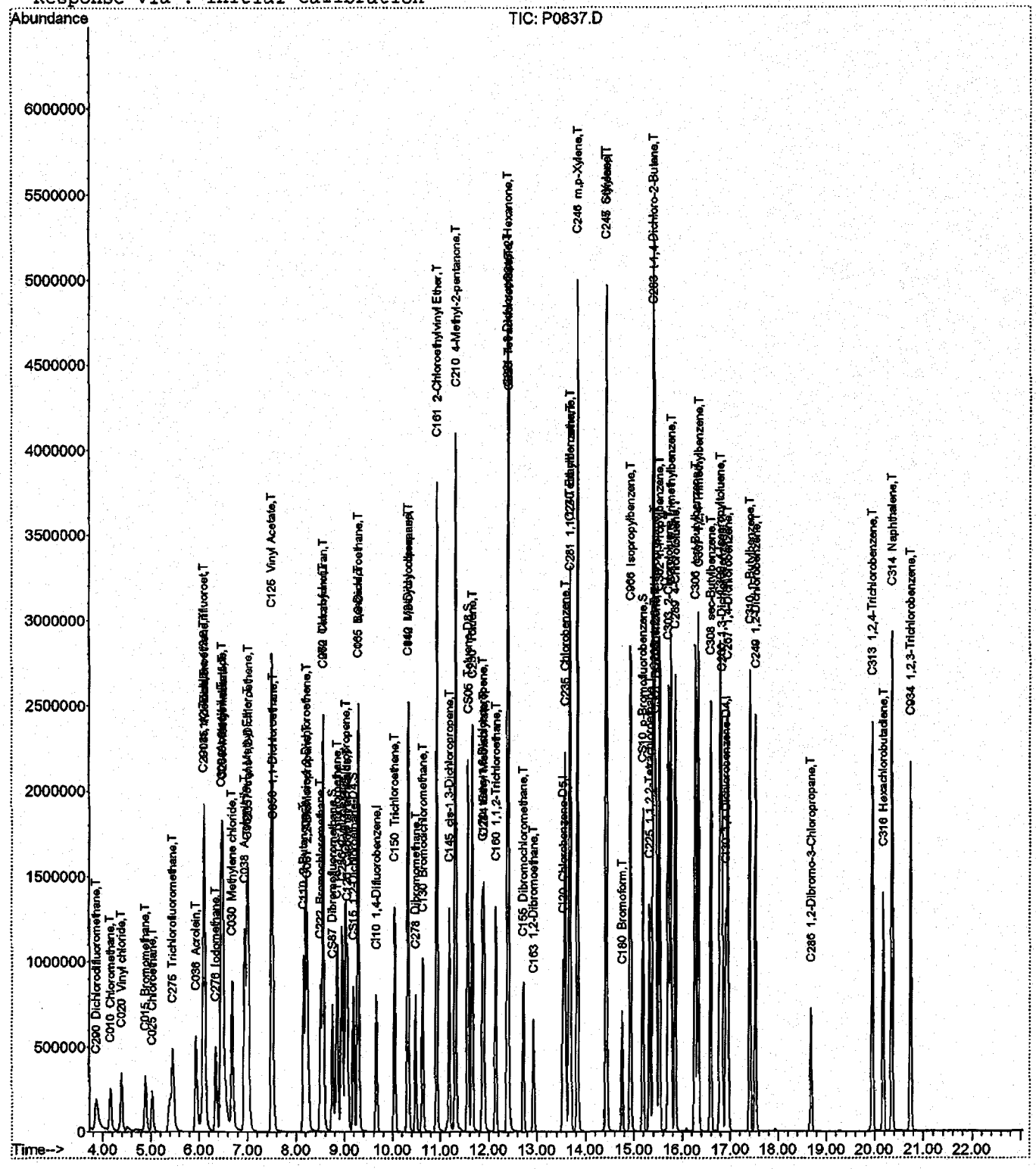
response 317784

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:44:13 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:42:37 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:42:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	696199	125.00	ng		0.00 108.71%
43) CI20	Chlorobenzene-D5	13.54	117	615271	125.00	ng		0.00 109.82%
62) CI30	1,4-Dichlorobenzene-	16.91	152	397794	125.00	ng		0.00 105.12%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	534376	247.24	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	197.79%#		
31) CS15	1,2-Dichloroethane-D	9.18	65	850409	241.40	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	193.12%#		
44) CS05	Toluene-D8	11.57	98	1750620	254.94	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	203.95%#		
61) CS10	p-Bromofluorobenzene	15.19	174	598268	240.67	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	192.54%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	615487m	246.76	ng		98
3) C010	Chloromethane	4.16	50	450729	230.07	ng		100
4) C020	Vinyl chloride	4.39	62	527260	232.85	ng		95
5) C015	Bromomethane	4.88	94	345939	216.00	ng		99
6) C025	Chloroethane	5.02	64	317017	228.25	ng		98
7) C275	Trichlorofluorometha	5.45	101	1075501m	228.92	ng		97
8) C045	1,1-Dichloroethene	6.11	96	454606	234.43	ng	#	84
9) C030	Methylene chloride	6.68	84	573515	188.84	ng	#	84
10) C040	Carbon disulfide	6.48	76	1623020	239.20	ng		100
11) C036	Acrolein	5.93	56	792929	5016.32	ng		95
12) C038	Acrylonitrile	6.94	53	1205177	1239.41	ng		96
13) C035	Acetone	6.10	43	1173221	1161.04	ng		95
14) C300	Acetonitrile	6.46	41	3315808	9840.64	ng		97
15) C276	Iodomethane	6.35	142	782324	237.26	ng	#	80
16) C291	1,1,2 Trichloro-1,2,	6.09	101	512975	236.40	ng		90
17) C962	T-butyl Methyl Ether	6.99	73	1876261	246.04	ng		91
18) C057	trans-1,2-Dichloroet	7.02	96	491848	231.94	ng		99
19) C255	Methyl Acetate	6.49	43	791817	245.24	ng		96
20) C050	1,1-Dichloroethane	7.52	63	1000723	233.05	ng		97
21) C125	Vinyl Acetate	7.49	43	5030047	1305.00	ng		98
22) C051	2,2-Dichloropropane	8.23	77	920540	245.98	ng		95
23) C056	cis-1,2-Dichloroethe	8.20	96	535606	238.45	ng		94
24) C272	Tetrahydrofuran	8.55	42	949611	1274.74	ng	#	86
25) C222	Bromochloromethane	8.50	128	251820	242.03	ng	#	81
26) C060	Chloroform	8.55	83	1118362	235.36	ng		95
27) C115	1,1,1-Trichloroethan	8.84	97	1025784	241.13	ng		96
28) C120	Carbon tetrachloride	9.05	117	787586	249.79	ng		98
29) C116	1,1-Dichloropropene	9.02	75	760365	243.66	ng		98
32) C165	Benzene	9.28	78	1964804	238.17	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:42:37 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:42:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA

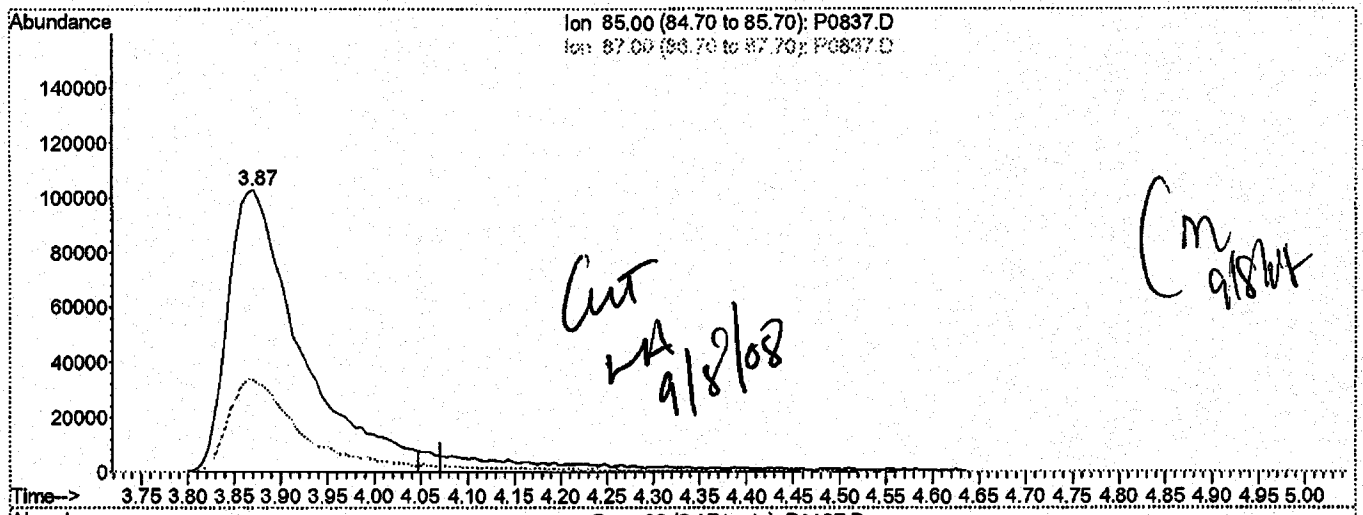
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	1033659	231.74	ng		95
34)	C110	2-Butanone	8.15	43	1618238	1254.92	ng		98
35)	C256	Cyclohexane	8.94	56	761054	245.07	ng		95
36)	C150	Trichloroethene	10.04	95	545415	237.56	ng		97
37)	C140	1,2-Dichloropropane	10.32	63	504987	242.91	ng		91
38)	C278	Dibromomethane	10.48	93	377891	240.28	ng		93
39)	C130	Bromodichloromethane	10.63	83	826633	251.65	ng		99
40)	C161	2-Chloroethylvinyl E	10.92	63	2029977	1305.96	ng	#	83
41)	C012	Methylcycolhexane	10.33	83	669142	242.84	ng	#	81
42)	C145	cis-1,3-Dichloroprop	11.18	75	891288	268.40	ng		99
45)	C230	Toluene	11.66	92	1194326	239.73	ng		98
46)	C170	trans-1,3-Dichloropr	11.87	75	917954	265.60	ng		91
47)	C284	Ethyl Methacrylate	11.90	69	788383	274.44	ng	#	67
48)	C160	1,1,2-Trichloroethan	12.14	83	425019	247.61	ng		91
49)	C210	4-Methyl-2-pentanone	11.31	43	3252298	1246.51	ng	#	83
50)	C220	Tetrachloroethene	12.41	166	444311	236.07	ng		95
51)	C221	1,3-Dichloropropane	12.38	76	893079	243.82	ng		97
52)	C155	Dibromochloromethane	12.72	129	551610	270.30	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	545294	246.96	ng		94
54)	C215	2-Hexanone	12.39	43	2346791	1283.80	ng		97
55)	C235	Chlorobenzene	13.58	112	1347948	242.44	ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	517031	251.16	ng		94
57)	C240	Ethylbenzene	13.68	91	2428575	243.08	ng		98
58)	C246	m,p-Xylene	13.84	106	1671955	485.92	ng	#	85
59)	C247	o-Xylene	14.42	106	866263	248.15	ng		90
60)	C245	Styrene	14.43	104	1436759	255.77	ng	#	69
63)	C180	Bromoform	14.75	173	403853	283.68	ng		99
64)	C966	Isopropylbenzene	14.92	105	2348023	256.69	ng		99
65)	C301	Bromobenzene	15.45	156	612626	245.12	ng		93
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	825699	248.02	ng		95
67)	C282	1,2,3-Trichloropropa	15.43	110	261272	244.86	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	927288	1462.39	ng	#	49
69)	C302	n-Propylbenzene	15.53	91	2845146	250.35	ng		98
70)	C303	2-Chlorotoluene	15.71	126	538311	250.13	ng		100
71)	C289	4-Chlorotoluene	15.86	126	557529	254.51	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	2076044	251.73	ng		60
73)	C306	tert-Butylbenzene	16.27	134	366466	267.46	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	2148661	253.13	ng		94
75)	C308	sec-Butylbenzene	16.59	105	2196518	255.94	ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	1103550	241.86	ng		97
77)	C309	4-Isopropyltoluene	16.79	119	1964470	258.63	ng		95
78)	C267	1,4-Dichlorobenzene	16.94	146	1154659	238.36	ng		98
79)	C249	1,2-Dichlorobenzene	17.53	146	1173360	244.53	ng		97
80)	C310	n-Butylbenzene	17.41	91	1908540	256.98	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	265253	273.92	ng		94
82)	C313	1,2,4-Trichlorobenze	19.95	180	896217	254.32	ng		99
83)	C316	Hexachlorobutadiene	20.17	225	371293	238.39	ng		94
84)	C314	Naphthalene	20.36	128	2888625	271.22	ng		97
85)	C934	1,2,3-Trichlorobenze	20.73	180	878945	258.70	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

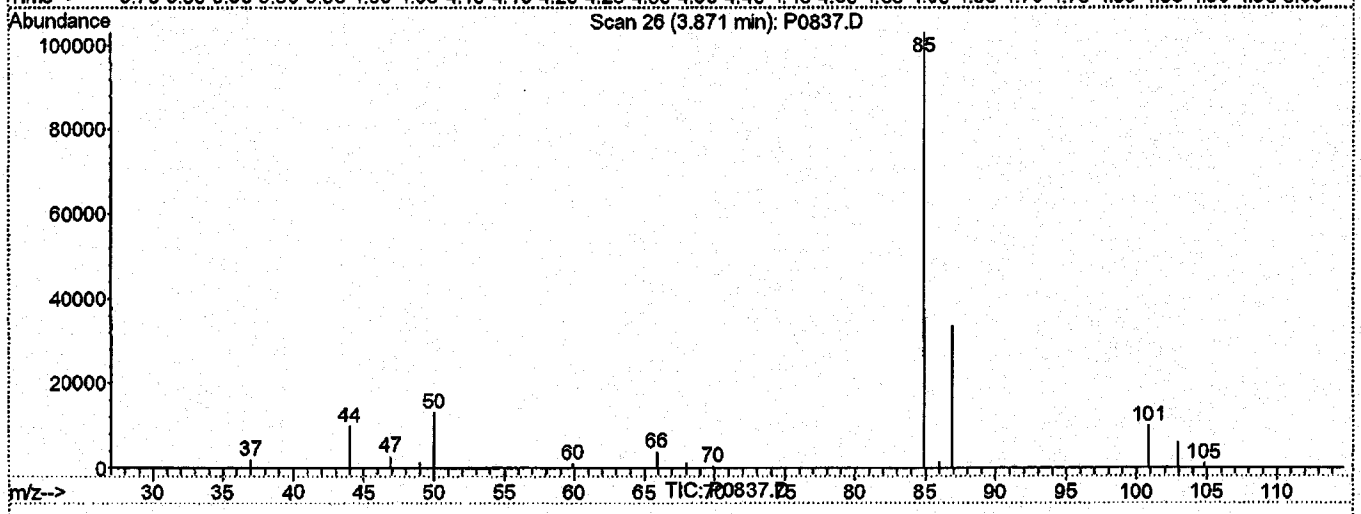
Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:42:30 2008
Response via : Multiple Level Calibration



Cut LA 9/8/08

CM 9/8/08



(2) C290 Dichlorodifluoromethane (T)

3.87min 225.48ng

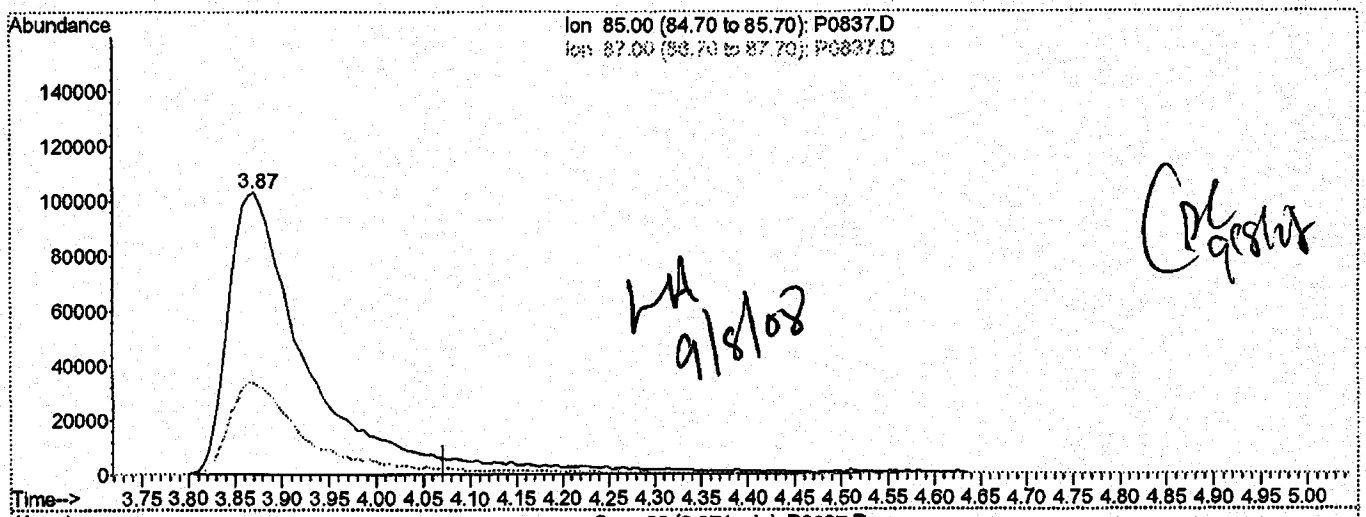
response 562421

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.56
0.00	0.00	0.00
0.00	0.00	0.00

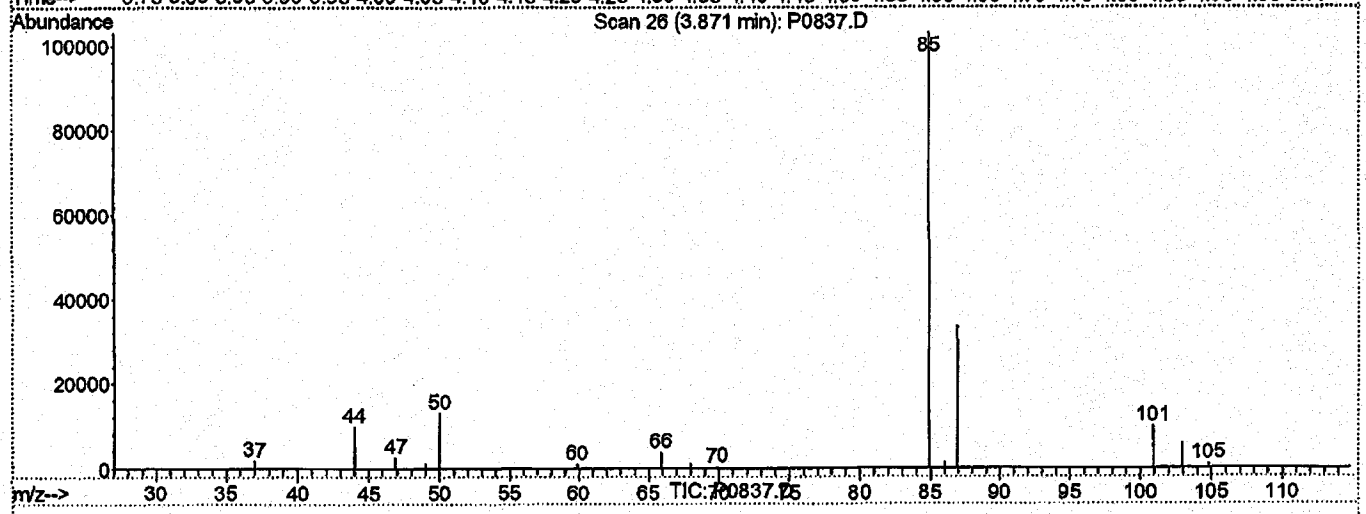
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:42:30 2008
Response via : Multiple Level Calibration



LH 9/8/08



(2) C290 Dichlorodifluoromethane (T)

3.87min 246.76ng m

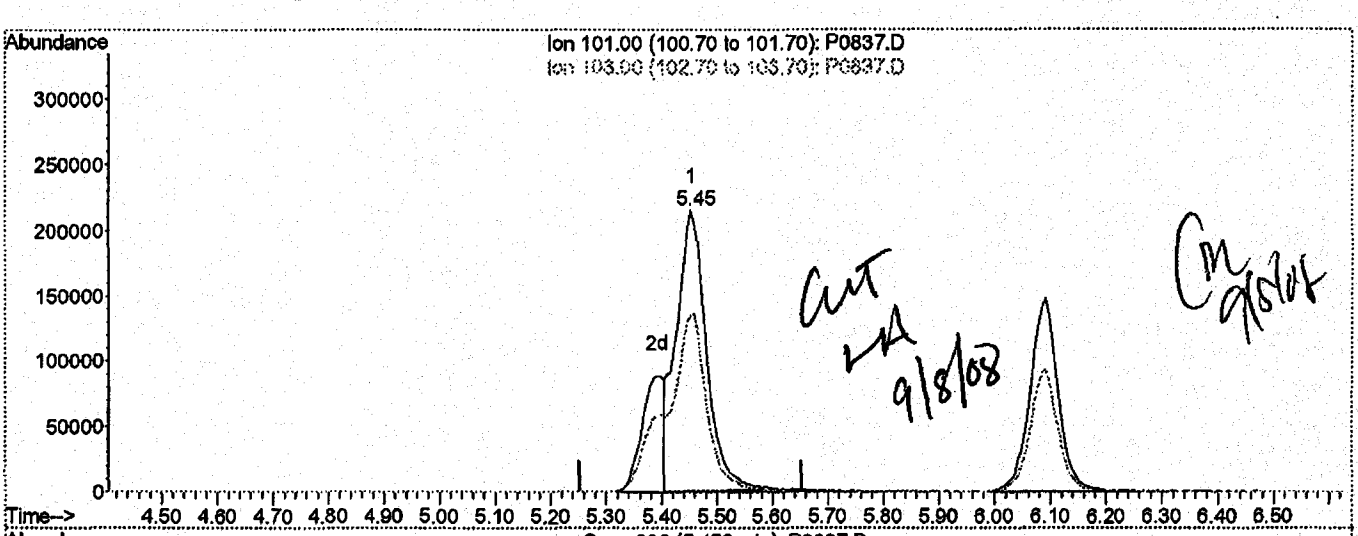
response 615487

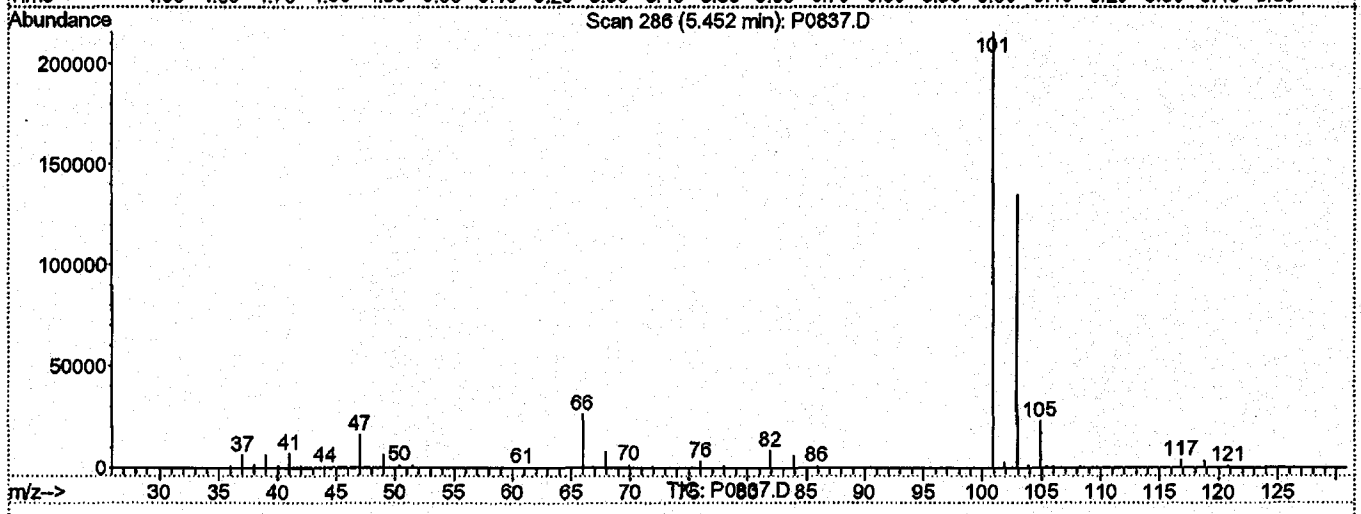
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.56
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:42:30 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 173.35ng

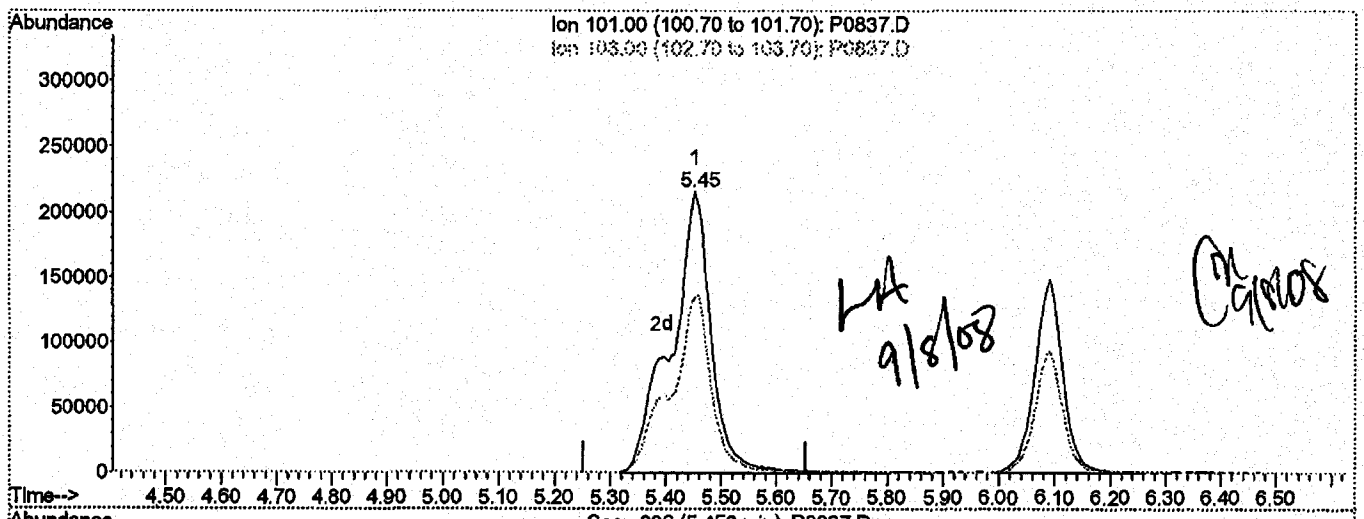
response 814431

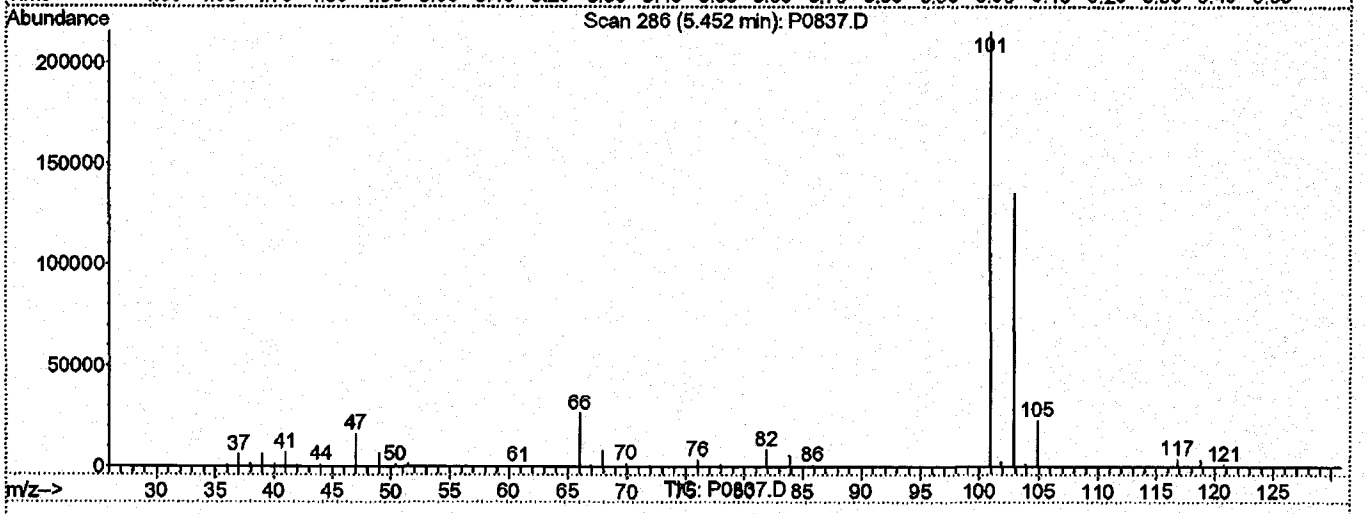
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0837.D Vial: 6
Acq On : 8 Sep 2008 13:43 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:41 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:42:30 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 228.92ng m

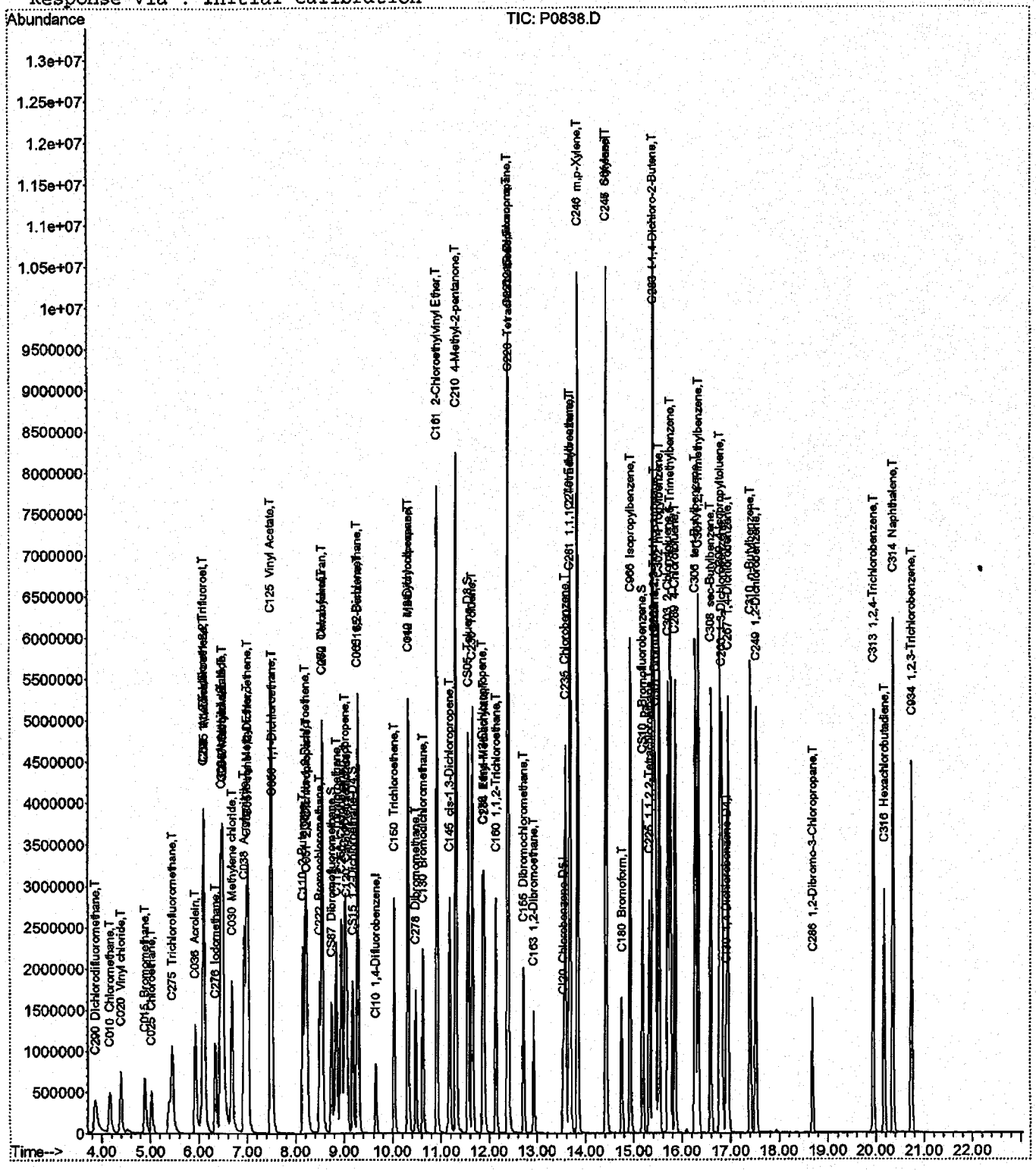
response 1075501

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:42 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:44:13 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:43:25 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:43:18 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	757773	125.00	ng		0.00 118.32%
43) CI20	Chlorobenzene-D5	13.54	117	671720	125.00	ng		0.00 119.89%
62) CI30	1,4-Dichlorobenzene-	16.91	152	426901	125.00	ng		0.00 112.81%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	1152477	489.89	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	391.91%#			
31) CS15	1,2-Dichloroethane-D	9.18	65	1774602	462.82	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	370.26%#			
44) CS05	Toluene-D8	11.57	98	3835056	511.56	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	409.25%#			
61) CS10	p-Bromofluorobenzene	15.19	174	1292499	476.26	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	381.01%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	1335254m	483.60	ng		99
3) C010	Chloromethane	4.17	50	1012196	474.69	ng		99
4) C020	Vinyl chloride	4.39	62	1173162	476.00	ng		98
5) C015	Bromomethane	4.89	94	748731	429.51	ng		95
6) C025	Chloroethane	5.03	64	707367	467.91	ng		98
7) C275	Trichlorofluorometha	5.46	101	2312955m	452.54	ng		100
8) C045	1,1-Dichloroethene	6.12	96	971656	460.35	ng	#	83
9) C030	Methylene chloride	6.69	84	1236570	374.08	ng	#	83
10) C040	Carbon disulfide	6.49	76	3608703	488.64	ng		100
11) C036	Acrolein	5.93	56	1924635	11186.49	ng		94
12) C038	Acrylonitrile	6.94	53	2609824	2465.88	ng		97
13) C035	Acetone	6.11	43	2399913	2182.02	ng		95
14) C300	Acetonitrile	6.46	41	6922652	18875.60	ng		97
15) C276	Iodomethane	6.35	142	1749610	487.50	ng	#	84
16) C291	1,1,2 Trichloro-1,2,	6.10	101	1089133	461.13	ng		89
17) C962	T-butyl Methyl Ether	6.99	73	4043142	487.11	ng		91
18) C057	trans-1,2-Dichloroet	7.02	96	1060771	459.58	ng		97
19) C255	Methyl Acetate	6.50	43	1674561	476.50	ng		95
20) C050	1,1-Dichloroethane	7.52	63	2117598	453.07	ng		97
21) C125	Vinyl Acetate	7.49	43	10621157	2531.66	ng		99
22) C051	2,2-Dichloropropane	8.23	77	1958653	480.85	ng		97
23) C056	cis-1,2-Dichloroethe	8.21	96	1145938	468.72	ng		95
24) C272	Tetrahydrofuran	8.55	42	2021900	2493.61	ng	#	85
25) C222	Bromochloromethane	8.50	128	548300	484.17	ng	#	82
26) C060	Chloroform	8.55	83	2320694	448.71	ng		96
27) C115	1,1,1-Trichloroethan	8.84	97	2217124	478.83	ng		95
28) C120	Carbon tetrachloride	9.06	117	1734643	505.46	ng		99
29) C116	1,1-Dichloropropene	9.02	75	1635545	481.53	ng		99
32) C165	Benzene	9.29	78	4288403	477.60	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 14:43:25 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:43:18 2008
Response via : Initial Calibration
DataAcq Meth : VOA

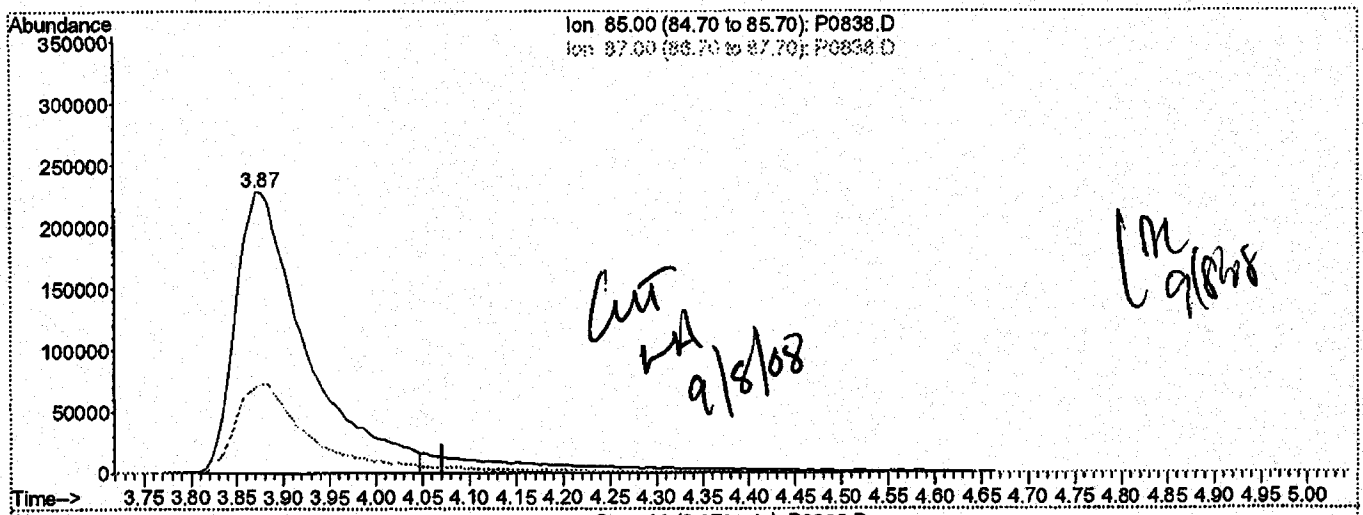
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	2122855	437.27	ng		96
34)	C110	2-Butanone	8.15	43	3492409	2488.24	ng		98
35)	C256	Cyclohexane	8.94	56	1693879	501.13	ng		94
36)	C150	Trichloroethene	10.04	95	1197788	479.32	ng		98
37)	C140	1,2-Dichloropropane	10.33	63	1102303	487.14	ng		91
38)	C278	Dibromomethane	10.48	93	823245	480.92	ng		95
39)	C130	Bromodichloromethane	10.63	83	1820972	509.31	ng		99
40)	C161	2-Chloroethylvinyl E	10.92	63	4325009	2556.35	ng	#	81
41)	C012	Methylcycolhexane	10.33	83	1486629	495.67	ng	#	81
42)	C145	cis-1,3-Dichloroprop	11.18	75	1994974	551.94	ng		98
45)	C230	Toluene	11.66	92	2645845	486.45	ng		97
46)	C170	trans-1,3-Dichloropr	11.87	75	2057690	545.34	ng		91
47)	C284	Ethyl Methacrylate	11.90	69	1750659	558.21	ng	#	67
48)	C160	1,1,2-Trichloroethan	12.14	83	930937	496.77	ng		92
49)	C210	4-Methyl-2-pentanone	11.32	43	6787287	2382.75	ng	#	80
50)	C220	Tetrachloroethene	12.41	166	972911	473.48	ng		95
51)	C221	1,3-Dichloropropane	12.39	76	1885797	471.57	ng		97
52)	C155	Dibromochloromethane	12.72	129	1259384	565.26	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	1216939	504.82	ng		96
54)	C215	2-Hexanone	12.40	43	4782512	2396.38	ng		94
55)	C235	Chlorobenzene	13.58	112	2951221	486.19	ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	1153742	513.37	ng		93
57)	C240	Ethylbenzene	13.68	91	5240450	480.45	ng		98
58)	C246	m,p-Xylene	13.84	106	3634735	967.59	ng		89
59)	C247	o-Xylene	14.42	106	1874769	491.92	ng		89
60)	C245	Styrene	14.43	104	3113062	507.61	ng		75
63)	C180	Bromoform	14.75	173	953108	623.85	ng		100
64)	C966	Isopropylbenzene	14.93	105	5117014	521.26	ng		98
65)	C301	Bromobenzene	15.45	156	1315487	490.46	ng		96
66)	C225	1,1,2,2-Tetrachloroe	15.33	83	1801344	504.18	ng		95
67)	C282	1,2,3-Trichloropropa	15.43	110	537779	469.63	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	2038273	2995.32	ng	#	45
69)	C302	n-Propylbenzene	15.53	91	6135020	503.03	ng		97
70)	C303	2-Chlorotoluene	15.71	126	1176735	509.49	ng		100
71)	C289	4-Chlorotoluene	15.86	126	1219597	518.77	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	4524727	511.24	ng	#	59
73)	C306	tert-Butylbenzene	16.27	134	805704	547.93	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	4641615	509.53	ng		94
75)	C308	sec-Butylbenzene	16.59	105	4810262	522.28	ng		100
76)	C260	1,3-Dichlorobenzene	16.82	146	2391861	488.47	ng		98
77)	C309	4-Isopropyltoluene	16.79	119	4296041	527.03	ng		96
78)	C267	1,4-Dichlorobenzene	16.94	146	2504673	481.80	ng		98
79)	C249	1,2-Dichlorobenzene	17.53	146	2540184	493.28	ng		98
80)	C310	n-Butylbenzene	17.41	91	4141325	519.59	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	595403	572.93	ng		97
82)	C313	1,2,4-Trichlorobenze	19.95	180	1948278	515.17	ng		99
83)	C316	Hexachlorobutadiene	20.17	225	786543	470.58	ng		96
84)	C314	Naphthalene	20.36	128	6239442	545.90	ng		97
85)	C934	1,2,3-Trichlorobenze	20.73	180	1884673	516.89	ng		100

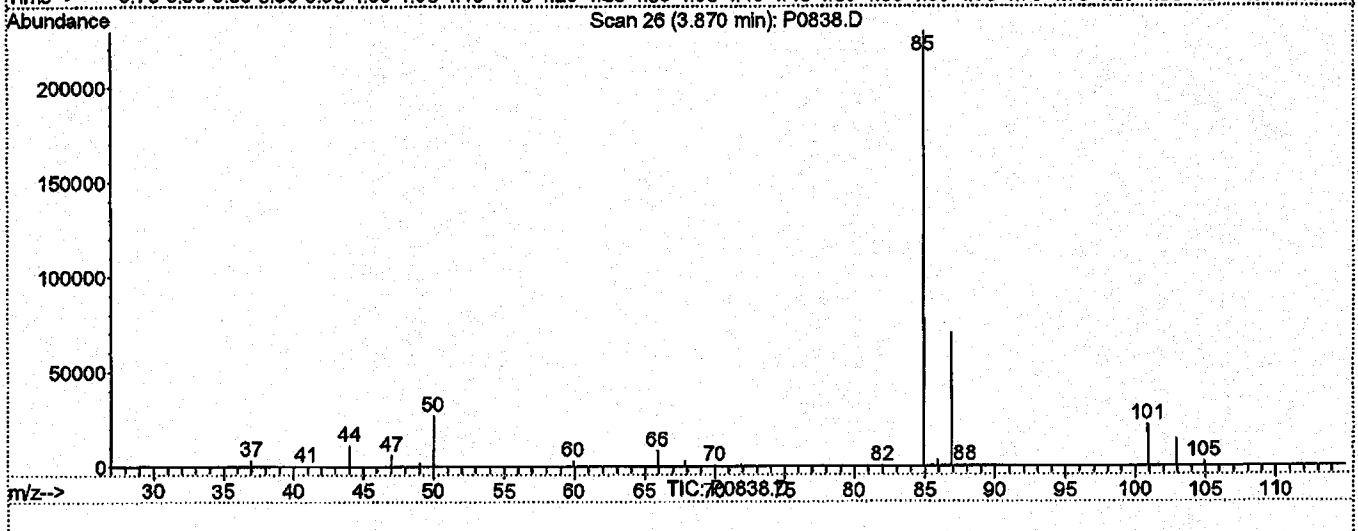
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:42 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:43:18 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 442.93ng

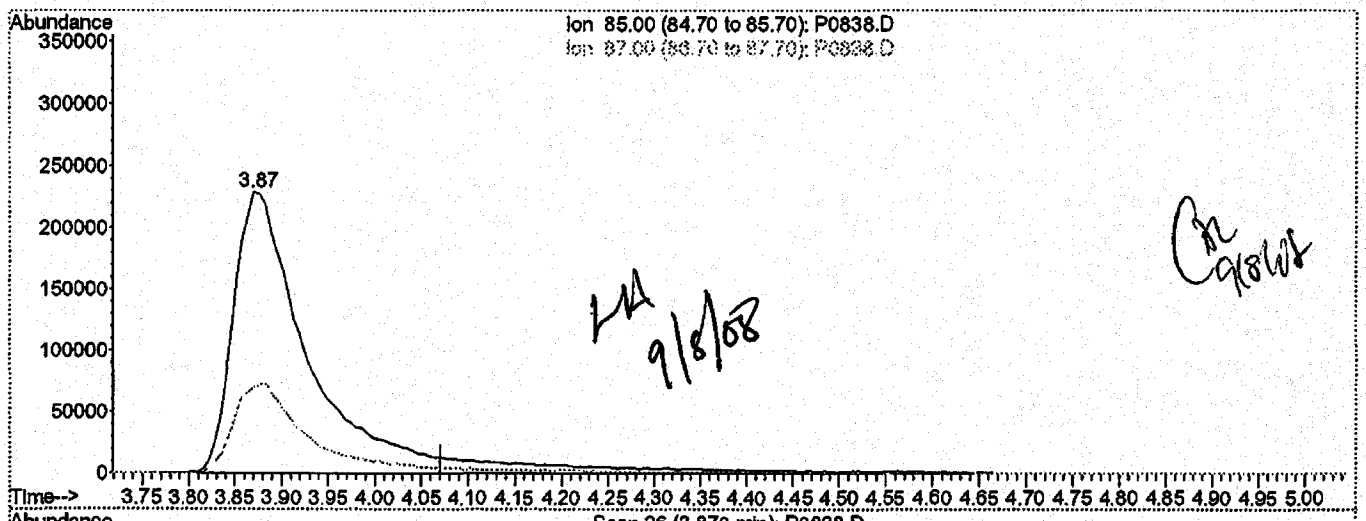
response 1222979

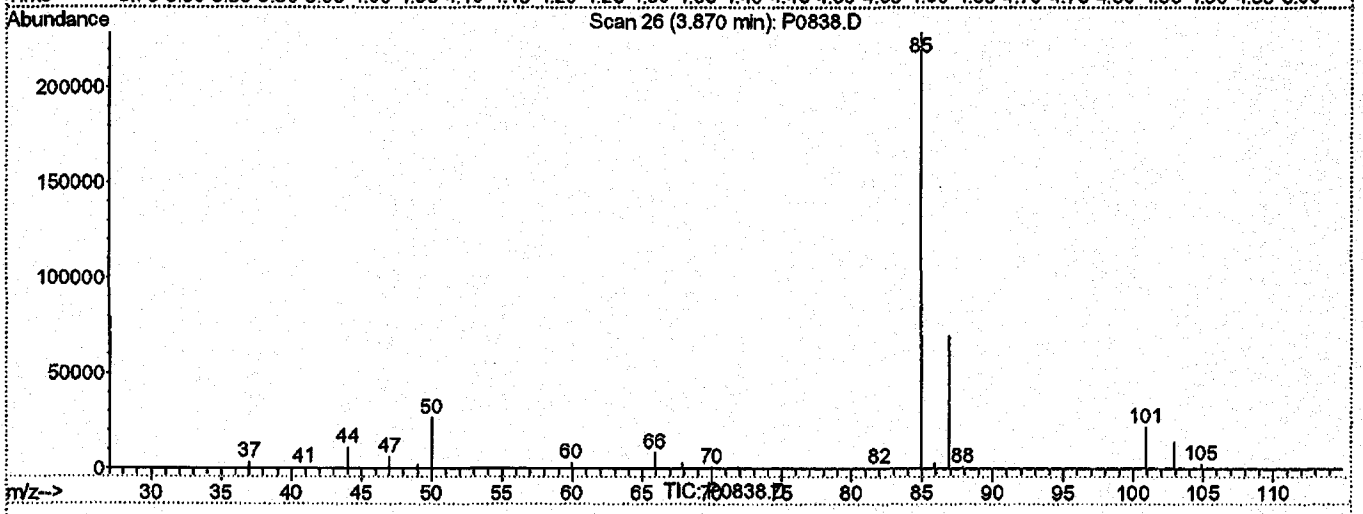
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	30.45
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:42 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:43:18 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 483.60ng m

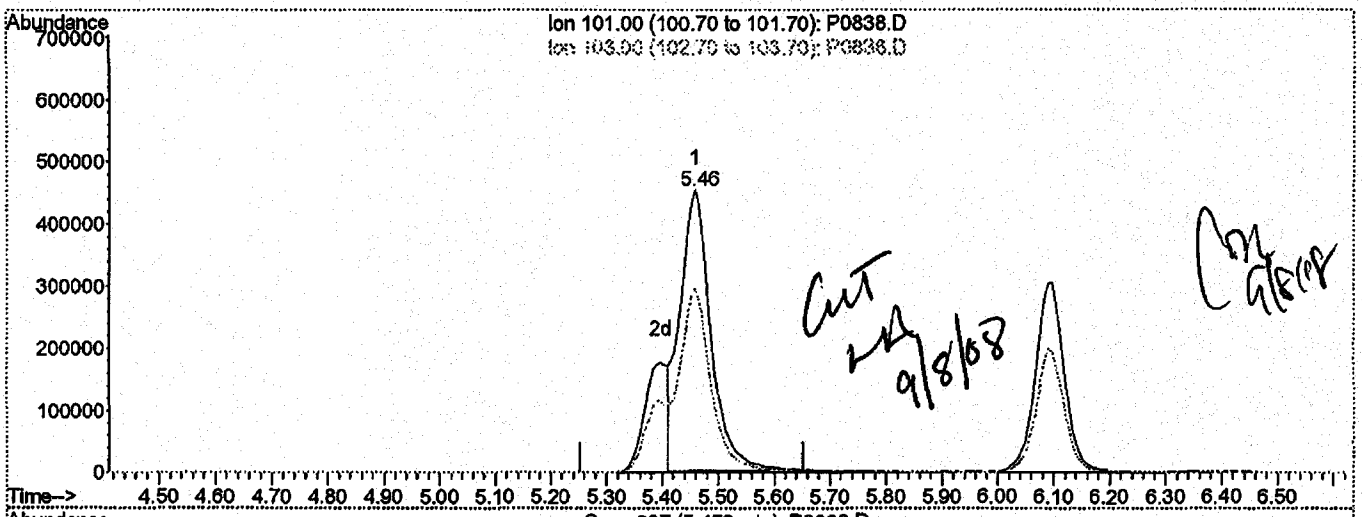
response 1335254

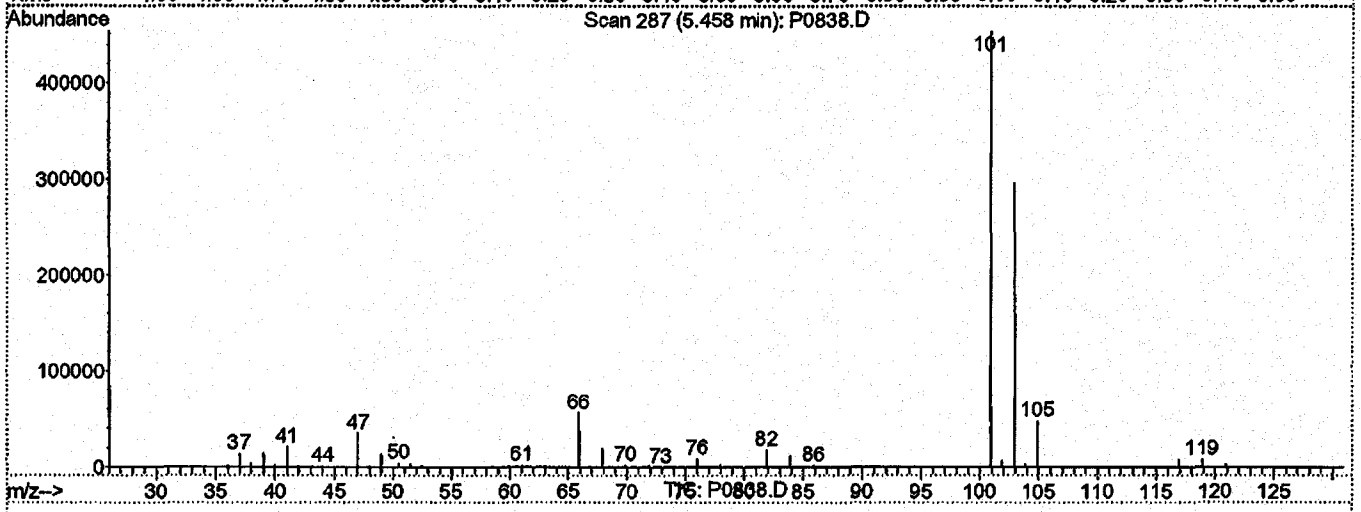
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	30.45
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:42 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:43:18 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 341.65ng

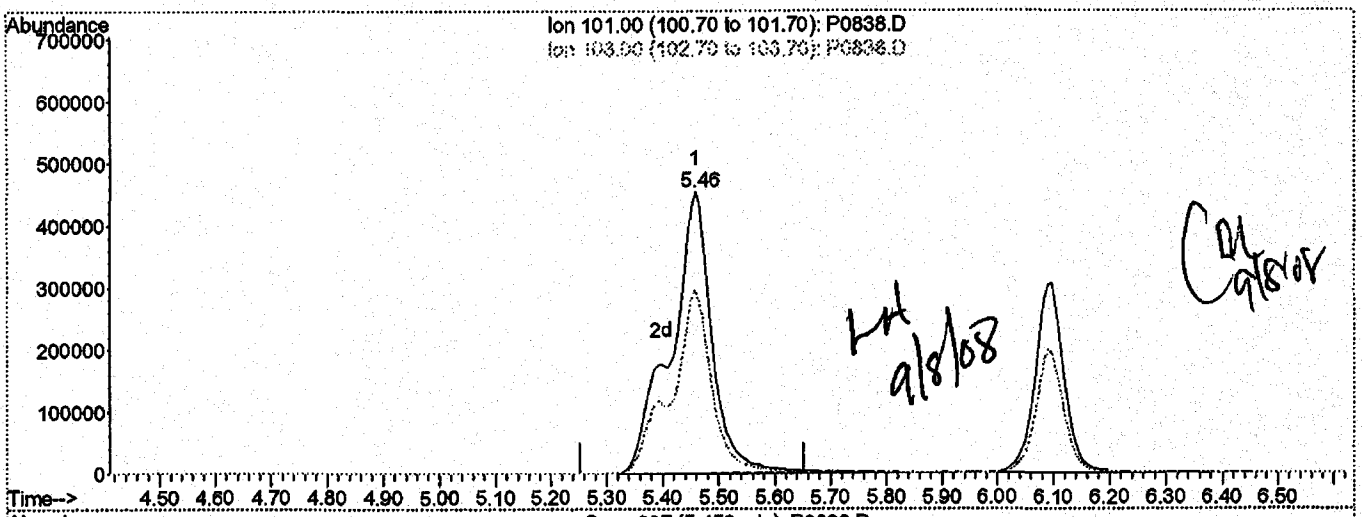
response 1746230

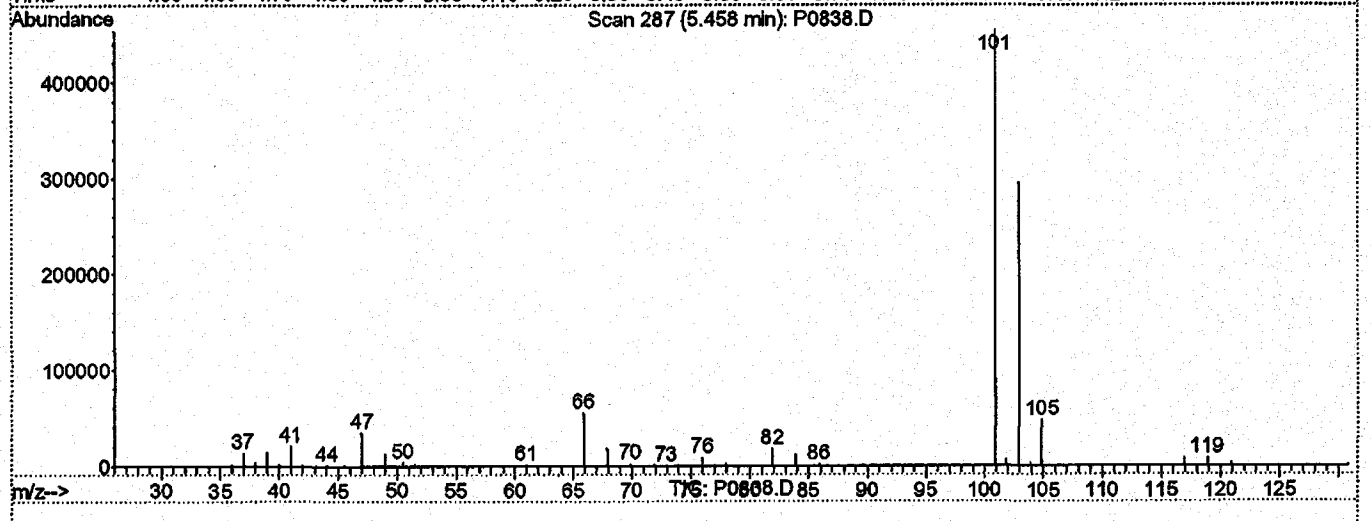
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0838.D Vial: 7
Acq On : 8 Sep 2008 14:11 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 14:42 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:43:18 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 452.54ng m

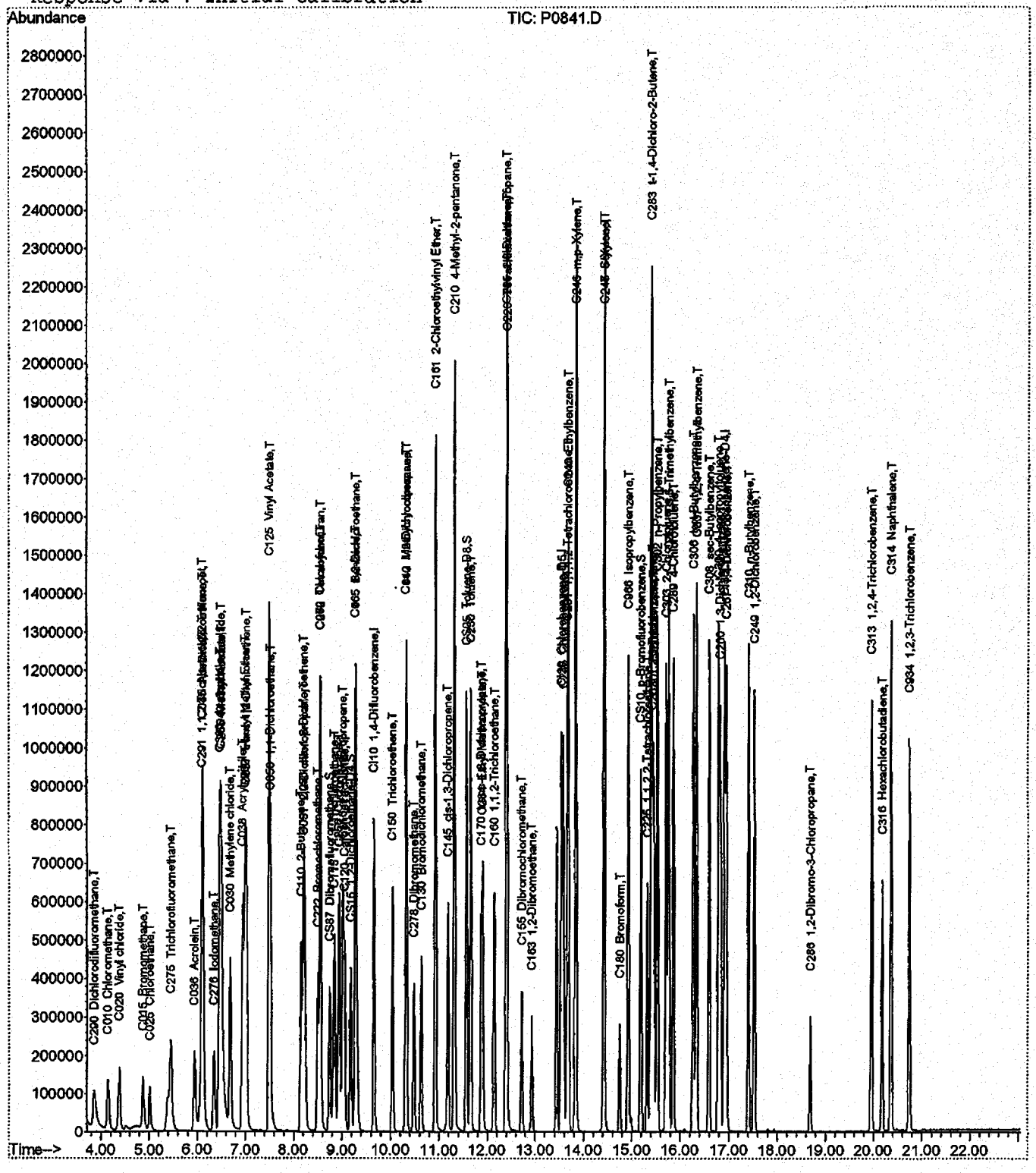
response 2312955

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0841.D Vial: 10
Acq On : 8 Sep 2008 15:45 Operator: LH
Sample : SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 17:03 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0841.D Vial: 10
Acq On : 8 Sep 2008 15:45 Operator: LH
Sample : SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 16:56:17 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	724760	125.00	ng		0.00 113.17%
43) CI20	Chlorobenzene-D5	13.54	117	629924	125.00	ng		0.00 112.43%
62) CI30	1,4-Dichlorobenzene-	16.91	152	401525	125.00	ng		0.00 106.10%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	272042	120.91	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	96.73%			
31) CS15	1,2-Dichloroethane-D	9.18	65	416028	113.44	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	90.75%			
44) CS05	Toluene-D8	11.56	98	921922	131.13	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	104.90%			
61) CS10	p-Bromofluorobenzene	15.19	174	300138	117.93	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	94.34%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	319809m	119.17	ng		100
3) C010	Chloromethane	4.14	50	218857	107.31	ng		99
4) C020	Vinyl chloride	4.38	62	269068	114.13	ng		99
5) C015	Bromomethane	4.87	94	136462	81.85	ng		94
6) C025	Chloroethane	5.01	64	148317	102.59	ng		98
7) C275	Trichlorofluorometha	5.45	101	507055	103.71	ng		99
8) C045	1,1-Dichloroethene	6.10	96	240235	119.00	ng		89
9) C030	Methylene chloride	6.68	84	294317	117.93	ng	#	84
10) C040	Carbon disulfide	6.49	76	830686	117.61	ng		99
11) C036	Acrolein	5.93	56	314917	1913.76	ng		95
12) C038	Acrylonitrile	6.94	53	637684	629.96	ng		97
13) C035	Acetone	6.11	43	572747	544.47	ng		95
14) C300	Acetonitrile	6.46	41	1679420	4787.76	ng		96
15) C276	Iodomethane	6.34	142	326344	95.07	ng	#	84
16) C291	1,1,2 Trichloro-1,2,	6.08	101	263028	116.44	ng		89
17) C962	T-butyl Methyl Ether	6.99	73	961508	121.12	ng		92
18) C057	trans-1,2-Dichloroet	7.02	96	244308	110.67	ng		98
19) C255	Methyl Acetate	6.50	43	358861	106.77	ng		95
20) C050	1,1-Dichloroethane	7.52	63	483689	108.20	ng		98
21) C125	Vinyl Acetate	7.49	43	2458933	612.81	ng		98
22) C051	2,2-Dichloropropane	8.23	77	438893	112.66	ng		96
23) C056	cis-1,2-Dichloroethe	8.20	96	261398	111.79	ng		94
24) C272	Tetrahydrofuran	8.55	42	483744	623.78	ng	#	87
25) C222	Bromochloromethane	8.50	128	121994	112.63	ng	#	82
26) C060	Chloroform	8.55	83	530216	107.19	ng		96
27) C115	1,1,1-Trichloroethan	8.84	97	469297	105.97	ng		97
28) C120	Carbon tetrachloride	9.05	117	359782	109.61	ng		97
29) C116	1,1-Dichloropropene	9.02	75	368384	113.40	ng		98
32) C165	Benzene	9.28	78	972072	113.19	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0841.D Vial: 10
Acq On : 8 Sep 2008 15:45 Operator: LH
Sample : SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 16:56:17 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA

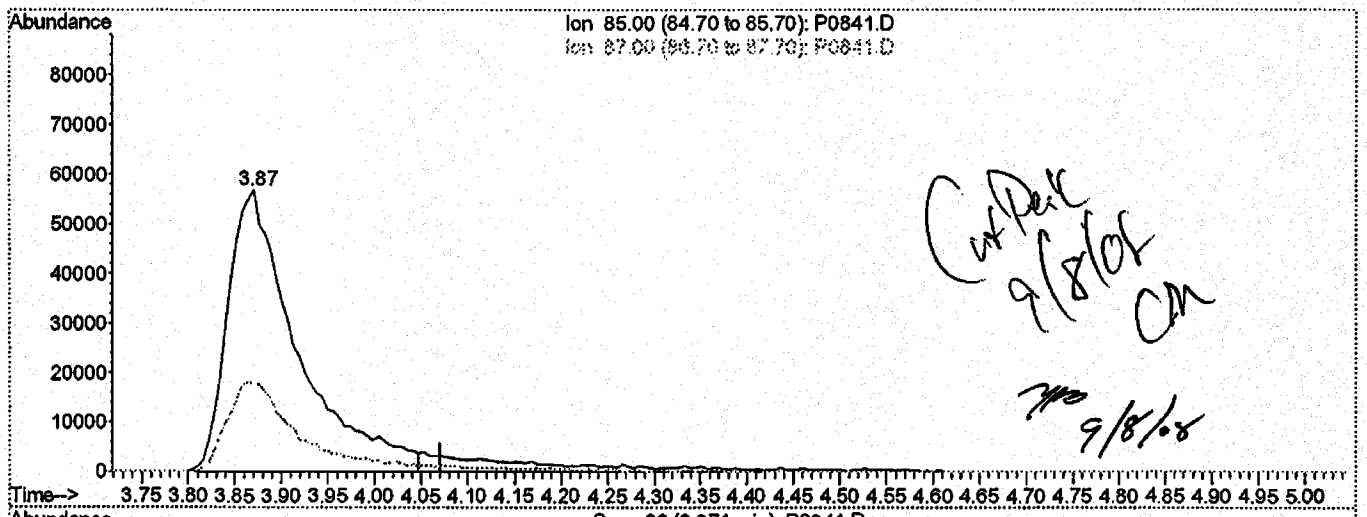
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	469414	101.09	ng		97
34)	C110	2-Butanone	8.15	43	792052	590.02	ng		99
35)	C256	Cyclohexane	8.94	56	396827	122.75	ng		95
36)	C150	Trichloroethene	10.04	95	267734	112.02	ng		99
37)	C140	1,2-Dichloropropane	10.32	63	250185	115.60	ng		92
38)	C278	Dibromomethane	10.48	93	180103	110.00	ng		92
39)	C130	Bromodichloromethane	10.63	83	373258	109.15	ng		98
40)	C161	2-Chloroethylvinyl E	10.92	63	968614	598.59	ng	#	83
41)	C012	Methylcycolhexane	10.32	83	351759	122.62	ng	#	81
42)	C145	cis-1,3-Dichloroprop	11.18	75	410528	118.75	ng		99
45)	C230	Toluene	11.65	92	584688	114.63	ng		99
46)	C170	trans-1,3-Dichloropr	11.87	75	400288	113.13	ng		91
47)	C284	Ethyl Methacrylate	11.90	69	381914	119.45	ng	#	69
48)	C160	1,1,2-Trichloroethan	12.14	83	202950	115.48	ng		95
49)	C210	4-Methyl-2-pentanone	11.31	43	1617942	605.68	ng	#	83
50)	C220	Tetrachloroethene	12.41	166	222358	115.39	ng		95
51)	C221	1,3-Dichloropropane	12.39	76	420285	112.07	ng		96
52)	C155	Dibromochloromethane	12.72	129	229703	109.94	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	249938	110.56	ng		93
54)	C215	2-Hexanone	12.39	43	1147759	613.27	ng		96
55)	C235	Chlorobenzene	13.58	112	637317	111.96	ng		97
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	236804	112.36	ng		95
57)	C240	Ethylbenzene	13.68	91	1147889	112.22	ng		99
58)	C246	m,p-Xylene	13.84	106	803974	228.22	ng	#	86
59)	C247	o-Xylene	14.42	106	412304	115.36	ng	#	87
60)	C245	Styrene	14.43	104	692763	120.45	ng		70
63)	C180	Bromoform	14.75	173	163213	104.97	ng		97
64)	C966	Isopropylbenzene	14.92	105	1010397	109.43	ng		99
65)	C301	Bromobenzene	15.45	156	288157	114.23	ng		93
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	399441	118.87	ng		93
67)	C282	1,2,3-Trichloropropa	15.43	110	108924	101.13	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	367756	512.77	ng	#	54
69)	C302	n-Propylbenzene	15.53	91	1340298	116.84	ng		97
70)	C303	2-Chlorotoluene	15.71	126	257371	118.48	ng		100
71)	C289	4-Chlorotoluene	15.86	126	262070	118.52	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	978692	117.57	ng	#	58
73)	C306	tert-Butylbenzene	16.27	134	168241	121.65	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	1019808	119.02	ng		94
75)	C308	sec-Butylbenzene	16.59	105	1105431	127.61	ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	527888	114.62	ng		97
77)	C309	4-Isopropyltoluene	16.79	119	903967	117.90	ng		96
78)	C267	1,4-Dichlorobenzene	16.94	146	555340	113.58	ng		98
79)	C249	1,2-Dichlorobenzene	17.53	146	560447	115.71	ng		98
80)	C310	n-Butylbenzene	17.41	91	893030	119.12	ng		99
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	105961	108.41	ng		97
82)	C313	1,2,4-Trichlorobenze	19.95	180	428628	120.50	ng		94
83)	C316	Hexachlorobutadiene	20.17	225	169217	107.64	ng		98
84)	C314	Naphthalene	20.36	128	1322687	123.04	ng		98
85)	C934	1,2,3-Trichlorobenze	20.73	180	411685	120.05	ng		98

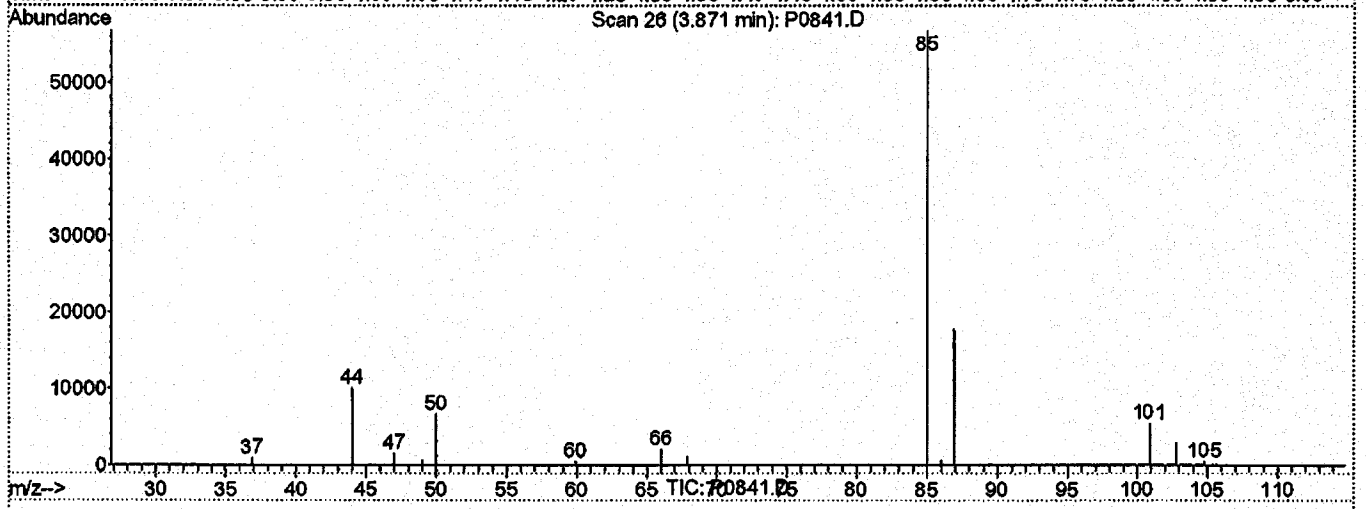
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0841.D Vial: 10
Acq On : 8 Sep 2008 15:45 Operator: LH
Sample : SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 16:55 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 109.88ng

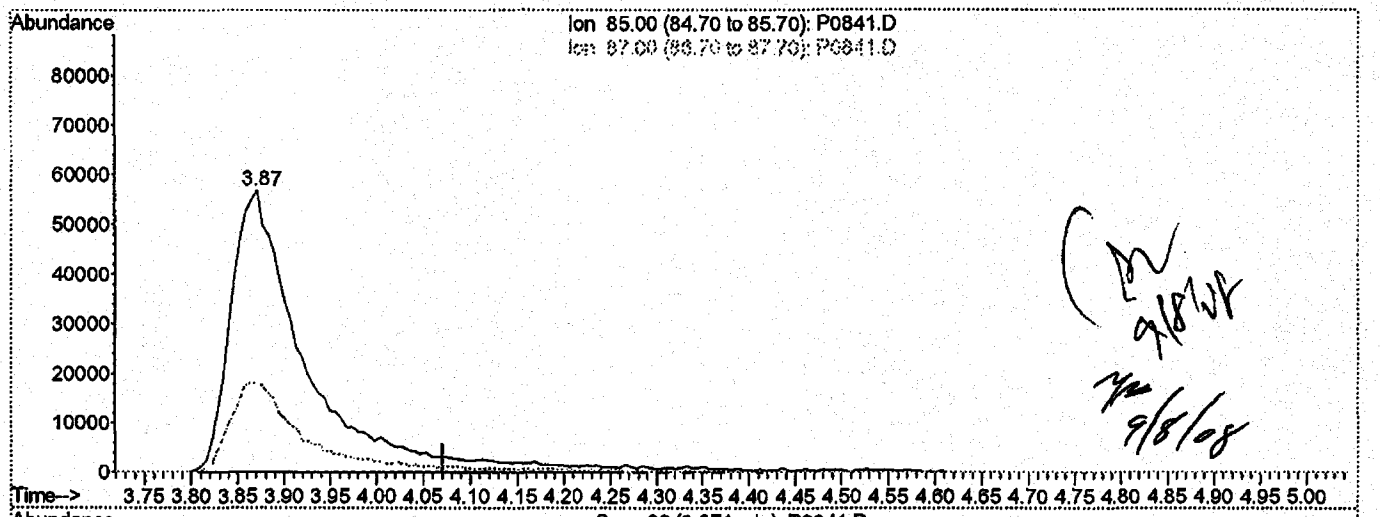
response 294882

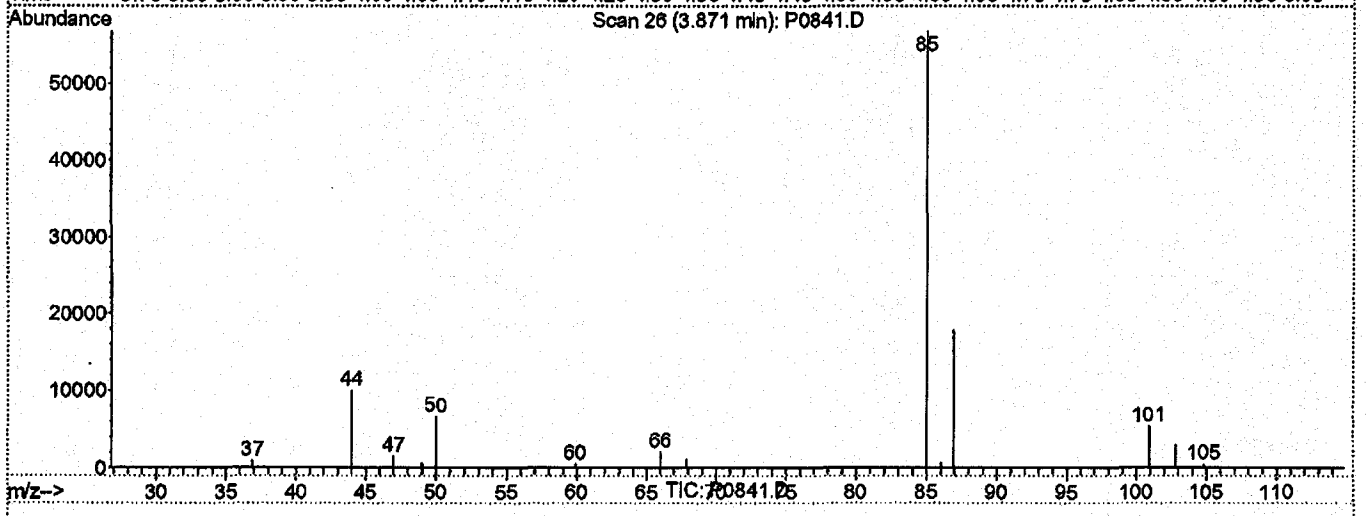
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	31.41
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0841.D Vial: 10
Acq On : 8 Sep 2008 15:45 Operator: LH
Sample : SSCAL Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 17:03 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 119.17ng m

response 319809

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	31.41
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000618-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973Q Calibration Dates(s): 08/16/2008 08/16/2008

Heated Purge (Y/N): N Calibration Times: 12:20 14:43

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = Q9558.RR RRF5 = Q9559.RR RRF10 = Q9560.RR
RRF25 = Q9561.RR RRF50 = Q9562.RR RRF100 = Q9563.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Acetone	0.166	0.133	0.135	0.130	0.128	0.130	0.1370	10.500
Benzene	1.926	1.813	1.778	1.706	1.641	1.473	1.7230	9.100
Bromodichloromethane	0.473	0.436	0.479	0.486	0.497	0.503	0.4790	5.000
Bromoform	0.314	0.323	0.375	0.456	0.535	0.592	0.4330	26.500
Bromomethane	0.178	0.095	0.082	0.059	0.059	0.063	0.0890	51.300
2-Butanone	0.384	0.367	0.377	0.364	0.345	0.314	0.3590	7.100
Methyl acetate	0.555	0.464	0.479	0.459	0.441	0.437	0.4720	9.200
Cyclohexane	1.100	1.140	1.104	1.050	1.025	0.988	1.0680	5.300
Methylcyclohexane	0.720	0.683	0.678	0.646	0.647	0.626	0.6670	5.100
Carbon Disulfide	0.657	0.618	0.593	0.568	0.544	0.539	0.5870	7.800
Carbon Tetrachloride	0.419	0.395	0.405	0.421	0.450	0.457	0.4240	5.800
Chlorobenzene	1.501	1.420	1.401	1.345	1.297	1.187	1.3590	8.000
Chloroethane	0.209	0.186	0.173	0.161	0.157	0.147	0.1720	13.100
Chloroform	0.818	0.741	0.733	0.697	0.666	0.606	0.7100	10.100
Chloromethane	0.877	0.793	0.721	0.659	0.625	0.562	0.7060	16.400
Dibromochloromethane	0.330	0.344	0.384	0.404	0.439	0.457	0.3930	12.800
1,2-Dibromo-3-chloropropane	0.153	0.132	0.142	0.162	0.170	0.186	0.1570	12.400
1,2-Dibromoethane	0.500	0.461	0.483	0.479	0.472	0.463	0.4760	3.000
1,2-Dichlorobenzene	2.259	1.983	2.030	1.919	1.858	1.723	1.9620	9.200
1,3-Dichlorobenzene	2.303	2.093	2.084	1.988	1.900	1.761	2.0220	9.200
1,4-Dichlorobenzene	2.573	2.154	2.163	2.015	1.928	1.782	2.1030	12.900
Dichlorodifluoromethane	0.367	0.354	0.329	0.326	0.316	0.306	0.3330	6.900
1,1-Dichloroethane	0.586	0.533	0.508	0.473	0.455	0.435	0.4980	11.200
1,2-Dichloroethane	0.757	0.713	0.729	0.695	0.679	0.669	0.7070	4.600
1,1-Dichloroethene	0.227	0.211	0.205	0.188	0.180	0.177	0.1980	9.900
cis-1,2-Dichloroethene	0.551	0.515	0.496	0.470	0.446	0.403	0.4800	10.900
trans-1,2-Dichloroethene	0.286	0.262	0.243	0.225	0.218	0.208	0.2400	12.300
1,2-Dichloropropane	0.612	0.564	0.564	0.542	0.523	0.494	0.5500	7.300
cis-1,3-Dichloropropene	0.617	0.622	0.675	0.667	0.670	0.653	0.6510	3.900
trans-1,3-Dichloropropene	0.623	0.638	0.668	0.707	0.714	0.695	0.6740	5.600
Ethylbenzene	2.597	2.405	2.357	2.250	2.122	1.801	2.2550	12.100
2-Hexanone	0.500	0.524	0.569	0.579	0.549	0.472	0.5320	7.800
Isopropylbenzene	4.283	4.069	4.068	3.926	3.797	3.385	3.9210	7.900
Methylene chloride	0.565	0.289	0.266	0.228	0.205	0.199	0.2920	47.300
4-Methyl-2-pentanone	0.768	0.776	0.825	0.829	0.777	0.641	0.7690	8.800
Styrene	1.527	1.467	1.506	1.411	1.317	1.167	1.3990	9.700
1,1,2,2-Tetrachloroethane	1.119	0.965	1.049	1.023	1.022	0.976	1.0250	5.400

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000618-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973Q Calibration Dates(s): 08/16/2008 08/16/2008

Heated Purge (Y/N): N Calibration Times: 12:20 14:43

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = Q9558.RR RRF5 = Q9559.RR RRF10 = Q9560.RR
RRF25 = Q9561.RR RRF50 = Q9562.RR RRF100 = Q9563.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Tetrachloroethene	0.587	0.571	0.539	0.529	0.519	0.489	0.5390	6.600
Toluene	1.408	1.283	1.252	1.202	1.174	1.075	1.2320	9.100
1,2,4-Trichlorobenzene	1.481	1.341	1.508	1.474	1.489	1.433	1.4540	4.200
1,1,1-Trichloroethane	0.638	0.577	0.590	0.569	0.576	0.562	0.5850	4.700
1,1,2-Trichloroethane	0.419	0.379	0.384	0.377	0.366	0.347	0.3790	6.300
Trichloroethene	0.477	0.429	0.416	0.405	0.393	0.370	0.4150	8.800
Trichlorofluoromethane	0.438	0.391	0.359	0.356	0.351	0.336	0.3720	10.000
Vinyl chloride	0.398	0.333	0.311	0.299	0.297	0.283	0.3200	13.000
Total Xylenes	1.001	0.948	0.942	0.889	0.850	0.751	0.8970	9.900
Methyl-t-Butyl Ether (MTBE)	0.709	0.657	0.662	0.650	0.617	0.630	0.6540	4.800
1,1,2-Trichloro-1,2,2-trifl	0.225	0.210	0.198	0.184	0.175	0.174	0.1940	10.500
1,2-Dichloroethane-D4	0.436	0.420	0.382	0.361	0.352	0.358	0.3850	9.200
Toluene-D8	1.481	1.479	1.288	1.352	1.257	1.189	1.3410	8.900
p-Bromofluorobenzene	0.566	0.498	0.438	0.461	0.439	0.428	0.4720	11.100

Comments:

Response Factor Report HP5973 Q

Method Path : C:\MSDCHEM\1\DATA\METHODS 2008\
Method File : A8I0000618-6PT.M
Title : 8260 5ML
Last Update : Sat Aug 16 15:25:35 2008
Response Via : Initial Calibration

A8I ... 0618 (6pt/8260)

Calibration Files
1 =Q9558.D 2 =Q9559.D 3 =Q9560.D
4 =Q9561.D 5 =Q9562.D 6 =Q9563.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.367	0.354	0.329	0.326	0.316	0.306	0.333	6.94
3)	T	C010	Chloromethane	0.877	0.793	0.721	0.659	0.625	0.562	-----	
									L	M= 0.556 R=0.996	
										B= 0.070	
4)	T	C020	Vinyl chlorid	0.398	0.333	0.311	0.299	0.297	0.283	0.320	13.04
5)	T	C015	Bromomethane	0.178	0.094	0.081	0.059	0.059	0.063	-----	
									L	M= 0.061 R=0.996	
										B= 0.003	
6)	T	C025	Chloroethane	0.209	0.186	0.173	0.161	0.157	0.147	0.172	13.09
7)	T	C275	Trichlorofluo	0.438	0.390	0.359	0.356	0.351	0.336	0.372	9.98
8)	T	C045	1,1-Dichloroe	0.227	0.211	0.205	0.188	0.180	0.177	0.198	9.88
9)	T	C030	Methylene chl	0.565	0.289	0.266	0.228	0.205	0.199	-----	
									L	M= 0.194 R=0.999	
										B= 0.025	
10)	T	C040	Carbon disulf	0.657	0.618	0.593	0.568	0.544	0.539	0.587	7.83
11)	T	C036	Acrolein	0.055	0.052	0.042	0.050	0.046	0.043	0.048	10.19
12)	T	C038	Acrylonitrile	0.156	0.144	0.137	0.136	0.126	0.124	0.137	8.49
13)	T	C035	Acetone	0.166	0.133	0.135	0.130	0.128	0.130	0.137	10.55
14)	T	C300	Acetonitrile	0.063	0.058	0.058	0.056	0.051	0.047	0.056	10.16
15)	T	C276	Iodomethane	0.099	0.090	0.132	0.200	0.249	0.275	-----	
									L	M= 0.283 R=0.995	
										B= -0.053	
16)	T	C291	1,1,2 Trichlo	0.225	0.210	0.198	0.184	0.175	0.174	0.194	10.48
17)	T	C962	T-butyl Methy	0.709	0.657	0.662	0.650	0.617	0.630	0.654	4.86
18)	T	C057	trans-1,2-Dic	0.286	0.262	0.243	0.225	0.218	0.208	0.240	12.31
19)	T	C255	Methyl Acetat	0.555	0.464	0.479	0.459	0.441	0.437	0.472	9.19
20)	T	C050	1,1-Dichloroe	0.586	0.533	0.508	0.473	0.455	0.435	0.498	11.19
21)	T	C125	Vinyl Acetate	0.881	0.853	0.873	0.841	0.744	0.595	0.798	13.90
22)	T	C051	2,2-Dichlorop	0.520	0.509	0.497	0.497	0.488	0.461	0.495	4.09
23)	T	C056	cis-1,2-Dichl	0.551	0.515	0.496	0.470	0.446	0.403	0.480	10.87
24)	T	C272	Tetrahydrofur	0.239	0.229	0.241	0.238	0.228	0.215	0.232	4.16
25)	T	C222	Bromochlorome	0.260	0.235	0.239	0.220	0.217	0.205	0.229	8.41
26)	T	C060	Chloroform	0.818	0.741	0.733	0.697	0.666	0.606	0.710	10.13
27)	T	C115	1,1,1-Trichlo	0.638	0.577	0.590	0.569	0.576	0.562	0.585	4.72
28)	T	C120	Carbon tetrac	0.419	0.395	0.405	0.421	0.450	0.457	0.424	5.79
29)	T	C116	1,1-Dichlorop	0.610	0.570	0.558	0.537	0.523	0.496	0.549	7.27
30)	S	CS87	Dibromofluoro	0.330	0.313	0.284	0.283	0.268	0.265	0.291	8.81
31)	S	CS15	1,2-Dichloroe	0.436	0.420	0.382	0.361	0.351	0.358	0.385	9.19
32)	T	C165	Benzene	1.926	1.813	1.778	1.706	1.641	1.473	1.723	9.07
33)	T	C065	1,2-Dichloroe	0.757	0.713	0.729	0.695	0.679	0.669	0.707	4.65
34)	T	C110	2-Butanone	0.384	0.367	0.377	0.364	0.345	0.314	0.359	7.15
35)	T	C256	Cyclohexane	1.100	1.140	1.104	1.050	1.025	0.988	1.068	5.32
36)	T	C150	Trichloroethe	0.477	0.429	0.416	0.405	0.393	0.370	0.415	8.76
37)	T	C140	1,2-Dichlorop	0.612	0.564	0.564	0.542	0.523	0.494	0.550	7.34
38)	T	C278	Dibromomethan	0.282	0.260	0.267	0.255	0.247	0.238	0.258	6.04
39)	T	C130	Bromodichloro	0.473	0.436	0.479	0.486	0.497	0.503	0.479	4.96
40)	T	C161	2-Chloroethyl	0.358	0.361	0.377	0.358	0.315	0.262	0.338	12.67
41)	T	C012	Methylcyclohe	0.720	0.683	0.678	0.646	0.647	0.626	0.667	5.08
42)	T	C145	cis-1,3-Dichl	0.617	0.622	0.675	0.667	0.670	0.653	0.651	3.88
43)	I	CI20	Chlorobenzene-D	ISTD							
44)	S	CS05	Toluene-D8	1.481	1.479	1.288	1.352	1.257	1.188	1.341	8.94
45)	T	C230	Toluene	1.408	1.283	1.252	1.202	1.174	1.075	1.232	9.09
46)	T	C170	trans-1,3-Dic	0.623	0.638	0.668	0.707	0.714	0.695	0.674	5.59
47)	T	C284	Ethyl Methacr	0.553	0.585	0.643	0.685	0.702	0.699	0.645	9.79

Response Factor Report HP5973 Q

Method Path : C:\MSDCHEM\1\DATA\METHODS 2008\
Method File : A8I0000618-6PT.M
Title : 8260 5ML
Last Update : Sat Aug 16 15:25:35 2008
Response Via : Initial Calibration

Calibration Files
1 =Q9558.D 2 =Q9559.D 3 =Q9560.D
4 =Q9561.D 5 =Q9562.D 6 =Q9563.D

48)	T	C160	1,1,2-Trichlo	0.419	0.379	0.384	0.377	0.366	0.347	0.379		6.32
49)	T	C210	4-Methyl-2-pe	0.768	0.776	0.825	0.829	0.777	0.641	0.769		8.84
50)	T	C220	Tetrachloroet	0.587	0.571	0.539	0.529	0.519	0.489	0.539		6.56
51)	T	C221	1,3-Dichlorop	0.856	0.818	0.835	0.798	0.753	0.673	0.789		8.47
52)	T	C155	Dibromochloro	0.330	0.344	0.384	0.404	0.439	0.457	0.393		12.81
53)	T	C163	1,2-Dibromoet	0.500	0.461	0.483	0.479	0.472	0.463	0.476		3.00
54)	T	C215	2-Hexanone	0.500	0.524	0.569	0.579	0.549	0.472	0.532		7.77
55)	T	C235	Chlorobenzene	1.501	1.420	1.401	1.345	1.297	1.187	1.359		8.00
56)	T	C281	1,1,1,2-Tetra	0.389	0.409	0.414	0.429	0.440	0.418	0.417		4.21
57)	T	C240	Ethylbenzene	2.597	2.405	2.357	2.250	2.122	1.801	2.255		12.12
58)	T	C246	m,p-Xylene	1.055	0.985	0.963	0.898	0.832	0.722	0.909		13.11
59)	T	C247	o-Xylene	1.001	0.948	0.942	0.889	0.850	0.751	0.897		9.87
60)	T	C245	Styrene	1.527	1.467	1.505	1.411	1.317	1.167	1.399		9.74
61)	S	CS10	p-Bromofluoro	0.566	0.498	0.438	0.461	0.439	0.428	0.472		11.13
62)	I	CI30	1,4-Dichloroben	----------ISTD----------								
63)	T	C180	Bromoform	0.314	0.323	0.375	0.456	0.535	0.592	-----		
								L	M= 0.602		R=0.996	
									B= -0.089			
64)	T	C966	Isopropylbenz	4.283	4.069	4.068	3.926	3.797	3.385	3.921		7.88
65)	T	C301	Bromobenzene	1.258	1.147	1.136	1.069	0.993	0.871	1.079		12.48
66)	T	C225	1,1,2,2-Tetra	1.119	0.965	1.049	1.023	1.022	0.976	1.025		5.41
67)	T	C282	1,2,3-Trichlo	0.348	0.326	0.322	0.306	0.279	0.246	0.305		12.02
68)	T	C283	t-1,4-Dichlor	0.449	0.455	0.494	0.490	0.468	0.414	0.462		6.37
69)	T	C302	n-Propylbenze	5.676	5.303	5.266	4.803	4.319	3.515	-----		
								Q	A= -0.406		R=1.000	
									B= 5.122			
									C= 0.067			
70)	T	C303	2-Chlorotolue	1.134	1.058	1.055	0.968	0.905	0.793	0.985		12.53
71)	T	C289	4-Chlorotolue	1.131	1.070	1.108	1.047	1.017	0.946	1.053		6.33
72)	T	C304	1,3,5-Trimeth	3.603	3.570	3.521	3.307	3.067	2.628	3.283		11.54
73)	T	C306	tert-Butylben	0.796	0.744	0.770	0.742	0.727	0.670	0.741		5.76
74)	T	C307	1,2,4-Trimeth	3.772	3.621	3.592	3.426	3.308	2.936	3.442		8.60
75)	T	C308	sec-Butylbenz	4.386	4.119	4.169	3.960	3.844	3.426	3.984		8.30
76)	T	C260	1,3-Dichlorob	2.303	2.093	2.084	1.988	1.900	1.761	2.022		9.17
77)	T	C309	4-Isopropylto	3.610	3.610	3.647	3.451	3.348	2.983	3.441		7.33
78)	T	C267	1,4-Dichlorob	2.573	2.154	2.163	2.015	1.928	1.782	2.103		12.92
79)	T	C249	1,2-Dichlorob	2.259	1.983	2.030	1.918	1.858	1.723	1.962		9.20
80)	T	C310	n-Butylbenzen	3.486	3.380	3.341	3.198	3.090	2.735	3.205		8.41
81)	T	C286	1,2-Dibromo-3	0.153	0.132	0.142	0.162	0.170	0.186	0.157		12.41
82)	T	C313	1,2,4-Trichlo	1.481	1.340	1.508	1.474	1.489	1.433	1.454		4.19
83)	T	C316	Hexachlorobut	0.689	0.605	0.620	0.588	0.590	0.583	0.612		6.53
84)	T	C314	Naphthalene	3.180	2.447	2.983	3.047	3.166	3.028	2.975		9.09
85)	T	C934	1,2,3-Trichlo	1.394	1.165	1.330	1.323	1.336	1.316	1.311		5.84

Total Average %RSD 8.53

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000618-6PT.M Sat Aug 16 15:30:09 2008 CHEMSTAT2

Date: 08/18/2008 ICC Profile Page: 1
Time: 17:07:41 Rept: AN0287R

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D
Fraction: MV

No of Points: 6 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/31/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
2	123-91-1	1,4-Dioxane	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	25.0000	50.0000	125.0000	125.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000	0.0000
150	75-00-3	Chloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
201	110-54-3	Hexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	75.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

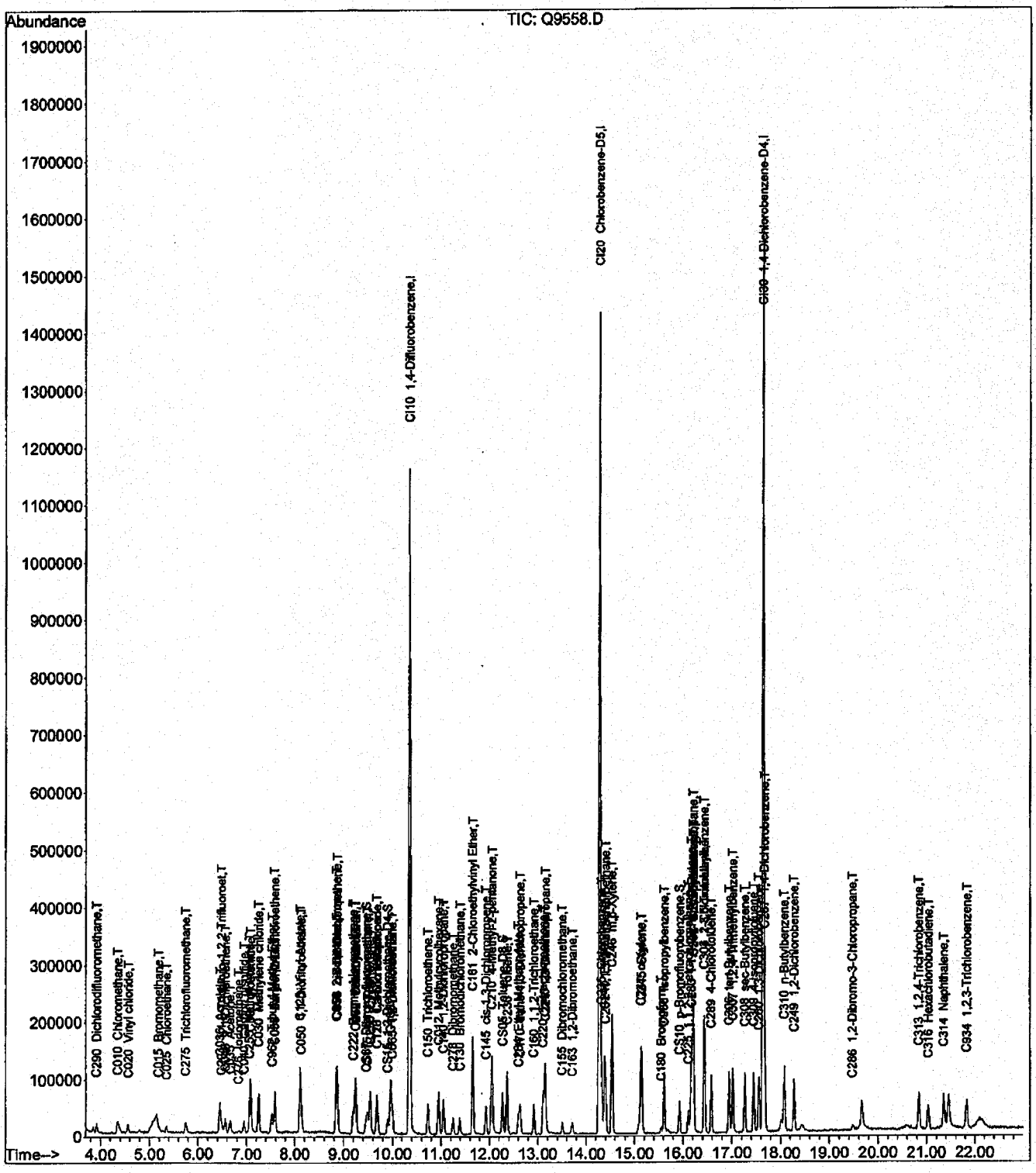
Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
670	SU106-46-7	1,4-Dichlorobenzene-D4	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
680	3114-55-4	Chlorobenzene-D5	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
690	540-36-3	1,4-Difluorobenzene	125.0000	125.0000	125.0000	125.0000	125.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolain	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000	0.0000
982	141-78-6	Ethyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9558.D
Acq On : 16 Aug 2008 12:20
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P

Vial: 4
Operator: PQ
Inst : HP5973 Q
Multiplr: 1.00

Quant Time: Aug 16 15:21:33 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:21:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9558.D Vial: 4
Acq On : 16 Aug 2008 12:20 Operator: PQ
Sample : VSTD001 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:21:33 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:21:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	10.35	114	1127128	125.00	ng		0.00 98.68%
43)	CI20	Chlorobenzene-D5	14.28	117	994790	125.00	ng		0.00 98.99%
62)	CI30	1,4-Dichlorobenzene-	17.64	152	559940	125.00	ng		0.00 97.91%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	9.46	111	14868	5.67	ng		0.00
	Spiked Amount	125.000	Range 70 - 130		Recovery =	4.54%#			
31)	CS15	1,2-Dichloroethane-D	9.91	65	19664	5.67	ng		0.00
	Spiked Amount	125.000	Range 66 - 137		Recovery =	4.54%#			
44)	CS05	Toluene-D8	12.27	98	58931	5.52	ng		0.00
	Spiked Amount	125.000	Range 71 - 126		Recovery =	4.42%#			
61)	CS10	p-Bromofluorobenzene	15.93	174	22517	6.00	ng		0.00
	Spiked Amount	125.000	Range 73 - 120		Recovery =	4.80%#			
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	3.93	85	16539	5.51	ng		94
3)	C010	Chloromethane	4.35	50	39539	6.21	ng		86
4)	C020	Vinyl chloride	4.56	62	17927	6.22	ng		91
5)	C015	Bromomethane	5.19	94	8007	9.98	ng		91
6)	C025	Chloroethane	5.36	64	9432	6.07	ng		83
7)	C275	Trichlorofluorometha	5.74	101	19758	5.89	ng		97
8)	C045	1,1-Dichloroethene	6.55	96	10220	5.73	ng		92
9)	C030	Methylene chloride	7.25	84	25493	9.67	ng	#	37
10)	C040	Carbon disulfide	6.95	76	29637	5.60	ng		100
11)	C036	Acrolein	6.44	56	49219	113.55	ng		93
12)	C038	Acrylonitrile	7.59	53	35071	28.37	ng		98
13)	C035	Acetone	6.66	43	37453	30.29	ng		94
14)	C300	Acetonitrile	7.08	41	114286	227.97	ng		98
15)	C276	Iodomethane	6.83	142	4475	2.85	ng	#	44
16)	C291	1,1,2 Trichloro-1,2,	6.49	101	10129	5.78	ng		87
17)	C962	T-butyl Methyl Ether	7.53	73	31972	5.42	ng	#	75
18)	C057	trans-1,2-Dichloroet	7.58	96	12892	5.95	ng		90
19)	C255	Methyl Acetate	7.05	43	25027	5.88	ng	#	76
20)	C050	1,1-Dichloroethane	8.14	63	26421	5.88	ng		98
21)	C125	Vinyl Acetate	8.11	43	198587	27.60	ng	#	90
22)	C051	2,2-Dichloropropane	8.85	77	23437	5.25	ng		84
23)	C056	cis-1,2-Dichloroethe	8.87	96	24827	5.74	ng	#	84
24)	C272	Tetrahydrofuran	9.25	42	53823	25.76	ng	#	76
25)	C222	Bromochloromethane	9.20	128	11716	5.67	ng	#	76
26)	C060	Chloroform	9.24	83	36864	5.76	ng		84
27)	C115	1,1,1-Trichloroethan	9.49	97	28777	5.45	ng		90
28)	C120	Carbon tetrachloride	9.68	117	18908	4.94	ng		99
29)	C116	1,1-Dichloropropene	9.67	75	27522	5.56	ng		93
32)	C165	Benzene	9.96	78	86854	5.59	ng		97
33)	C065	1,2-Dichloroethane	10.00	62	34141	5.35	ng		74
34)	C110	2-Butanone	8.85	43	86545	26.77	ng	#	86
35)	C256	Cyclohexane	9.54	56	49585	5.15	ng	#	71
36)	C150	Trichloroethene	10.73	95	21504	5.74	ng	#	69
37)	C140	1,2-Dichloropropane	11.04	63	27577	5.56	ng	#	81
38)	C278	Dibromomethane	11.24	93	12719	5.47	ng		87

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9558.D Vial: 4
Acq On : 16 Aug 2008 12:20 Operator: PQ
Sample : VSTD001 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:21:33 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:21:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	21326	4.94	ng		92
40) C161	2-Chloroethylvinyl E	11.66	63	80723	26.45	ng	#	86
41) C012	Methylcyclohexane	10.95	83	32473	5.40	ng	#	74
42) C145	cis-1,3-Dichloroprop	11.93	75	27832	4.74	ng		84
45) C230	Toluene	12.36	92	56021	5.71	ng		93
46) C170	trans-1,3-Dichloropr	12.64	75	24786	4.62	ng		86
47) C284	Ethyl Methacrylate	12.60	69	22010	4.29	ng	#	58
48) C160	1,1,2-Trichloroethan	12.92	83	16689	5.54	ng		89
49) C210	4-Methyl-2-pentanone	12.05	43	152789	24.96	ng	#	93
50) C220	Tetrachloroethene	13.11	166	23340	5.44	ng		87
51) C221	1,3-Dichloropropane	13.16	76	34070	5.43	ng		96
52) C155	Dibromochloromethane	13.50	129	13143	4.20	ng		90
53) C163	1,2-Dibromoethane	13.71	107	19884	5.25	ng		95
54) C215	2-Hexanone	13.14	43	99536	23.50	ng		93
55) C235	Chlorobenzene	14.32	112	59711	5.52	ng	#	82
56) C281	1,1,1,2-Tetrachloroe	14.41	131	15468	4.67	ng		81
57) C240	Ethylbenzene	14.38	91	103352	5.76	ng		92
58) C246	m,p-Xylene	14.54	106	83932	11.60	ng	#	85
59) C247	o-Xylene	15.13	106	39841	5.58	ng	#	72
60) C245	Styrene	15.15	104	60754	5.46	ng		99
63) C180	Bromoform	15.55	173	7042	3.63	ng		96
64) C966	Isopropylbenzene	15.61	105	95926	5.46	ng		88
65) C301	Bromobenzene	16.20	156	28169	5.83	ng	#	86
66) C225	1,1,2,2-Tetrachloroe	16.11	83	25054	5.45	ng		88
67) C282	1,2,3-Trichloropropa	16.21	110	7792	5.71	ng		100
68) C283	t-1,4-Dichloro-2-But	16.17	53	50260	24.31	ng	#	47
69) C302	n-Propylbenzene	16.21	91	127119	5.90	ng		94
70) C303	2-Chlorotoluene	16.43	126	25404	5.75	ng		100
71) C289	4-Chlorotoluene	16.59	126	25327	5.37	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	80698	5.49	ng	#	37
73) C306	tert-Butylbenzene	16.94	134	17831	5.37	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	84489	5.48	ng		91
75) C308	sec-Butylbenzene	17.27	105	98247	5.51	ng		97
76) C260	1,3-Dichlorobenzene	17.56	146	51581	5.70	ng		91
77) C309	4-Isopropyltoluene	17.45	119	80857	5.24	ng		99
78) C267	1,4-Dichlorobenzene	17.68	146	57637	6.12	ng		95
79) C249	1,2-Dichlorobenzene	18.28	146	50591	5.76	ng		95
80) C310	n-Butylbenzene	18.08	91	78081	5.44	ng		84
81) C286	1,2-Dibromo-3-Chloro	19.48	75	3421	4.85	ng		86
82) C313	1,2,4-Trichlorobenze	20.84	180	33178	5.09	ng		97
83) C316	Hexachlorobutadiene	21.03	225	15437	5.63	ng		99
84) C314	Naphthalene	21.35	128	71228	5.34	ng		100
85) C934	1,2,3-Trichlorobenze	21.82	180	31220	5.32	ng	#	79

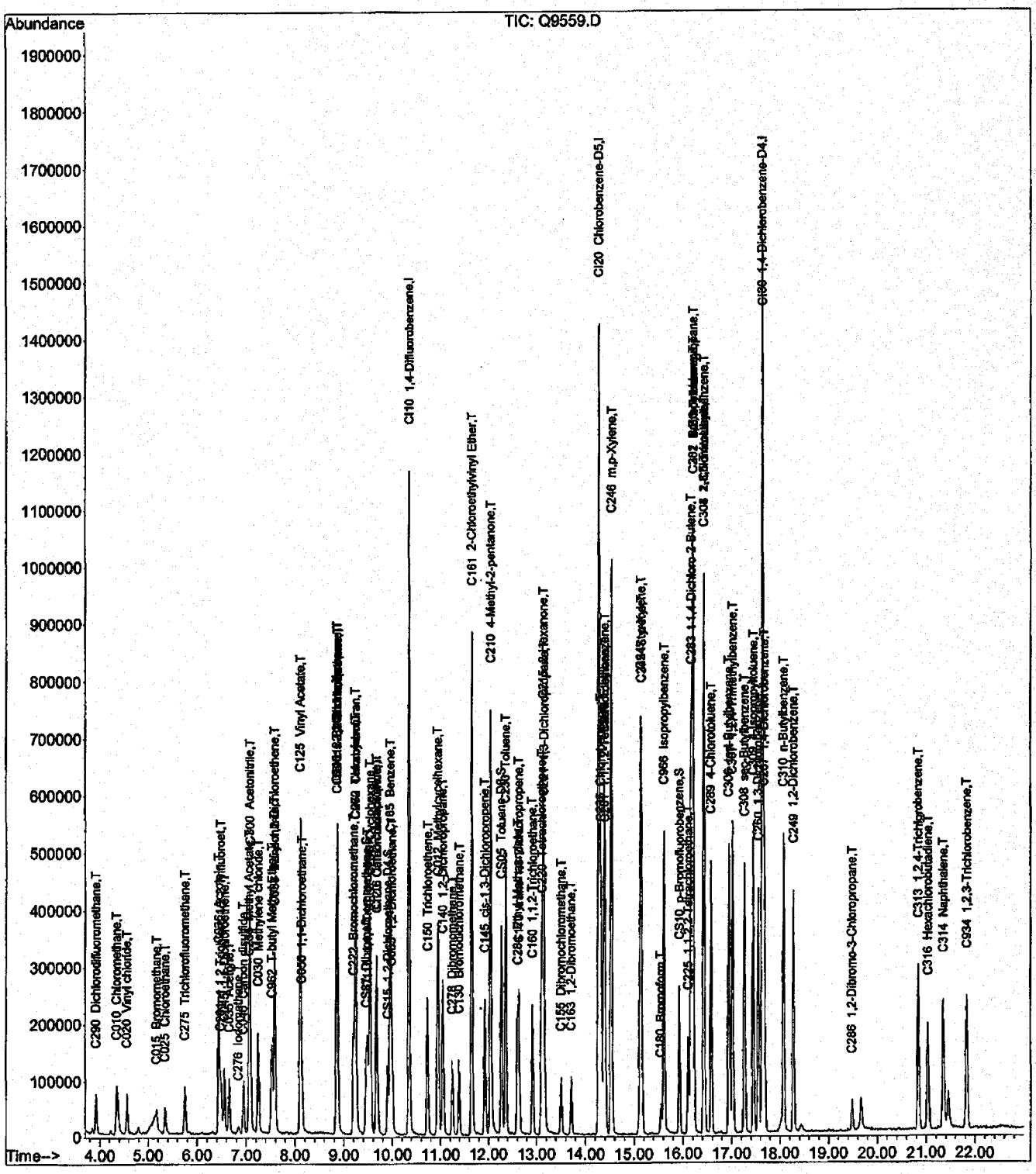
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9559.D
Acq On : 16 Aug 2008 12:49
Sample : VSTD005
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: PQ
Inst : HP5973 Q
Multiplr: 1.00

Quant Time: Aug 16 15:22:14 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:22:04 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9559.D Vial: 5
Acq On : 16 Aug 2008 12:49 Operator: PQ
Sample : VSTD005 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:22:14 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:22:04 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.35	114	1120984	125.00	ng		0.00 98.14%
43) CI20	Chlorobenzene-D5	14.28	117	992869	125.00	ng		0.00 98.80%
62) CI30	1,4-Dichlorobenzene-	17.65	152	566472	125.00	ng		0.00 99.06%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	9.46	111	70203	26.94	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	21.55%#		
31) CS15	1,2-Dichloroethane-D	9.91	65	94065	27.27	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	21.82%#		
44) CS05	Toluene-D8	12.27	98	293618	27.57	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	22.06%#		
61) CS10	p-Bromofluorobenzene	15.93	174	98949	26.41	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	21.13%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.92	85	79350	26.57	ng		96
3) C010	Chloromethane	4.35	50	177856	28.08	ng		93
4) C020	Vinyl chloride	4.56	62	74652	26.03	ng		93
5) C015	Bromomethane	5.17	94	21181	26.54	ng		92
6) C025	Chloroethane	5.34	64	41678	26.99	ng		100
7) C275	Trichlorofluorometha	5.75	101	87538	26.25	ng		95
8) C045	1,1-Dichloroethene	6.56	96	47311	26.66	ng		94
9) C030	Methylene chloride	7.25	84	64868	24.75	ng	#	49
10) C040	Carbon disulfide	6.94	76	138590	26.35	ng		96
11) C036	Acrolein	6.45	56	232471	539.24	ng		93
12) C038	Acrylonitrile	7.59	53	161311	131.19	ng		99
13) C035	Acetone	6.66	43	149282	121.40	ng		94
14) C300	Acetonitrile	7.08	41	516693	1036.30	ng		100
15) C276	Iodomethane	6.85	142	20173	12.90	ng	#	80
16) C291	1,1,2 Trichloro-1,2,	6.49	101	47160	27.05	ng	#	84
17) C962	T-butyl Methyl Ether	7.52	73	147219	25.10	ng	#	77
18) C057	trans-1,2-Dichloroet	7.58	96	58696	27.24	ng		89
19) C255	Methyl Acetate	7.05	43	103957	24.54	ng	#	80
20) C050	1,1-Dichloroethane	8.14	63	119543	26.75	ng		94
21) C125	Vinyl Acetate	8.11	43	955824	133.59	ng	#	90
22) C051	2,2-Dichloropropane	8.85	77	114028	25.68	ng		83
23) C056	cis-1,2-Dichloroethe	8.87	96	115357	26.80	ng		97
24) C272	Tetrahydrofuran	9.24	42	256947	123.63	ng	#	75
25) C222	Bromochloromethane	9.20	128	52609	25.59	ng	#	75
26) C060	Chloroform	9.24	83	166138	26.08	ng		97
27) C115	1,1,1-Trichloroethan	9.49	97	129254	24.63	ng		95
28) C120	Carbon tetrachloride	9.69	117	88501	23.25	ng		94
29) C116	1,1-Dichloropropene	9.67	75	127750	25.95	ng		98
32) C165	Benzene	9.96	78	406565	26.31	ng		100
33) C065	1,2-Dichloroethane	10.00	62	159937	25.22	ng	#	79
34) C110	2-Butanone	8.85	43	411422	127.96	ng	#	86
35) C256	Cyclohexane	9.54	56	255604	26.69	ng	#	71
36) C150	Trichloroethene	10.73	95	96202	25.84	ng	#	81
37) C140	1,2-Dichloropropane	11.05	63	126487	25.65	ng	#	73
38) C278	Dibromomethane	11.25	93	58209	25.15	ng		88

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9559.D Vial: 5
Acq On : 16 Aug 2008 12:49 Operator: PQ
Sample : VSTD005 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:22:14 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:22:04 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

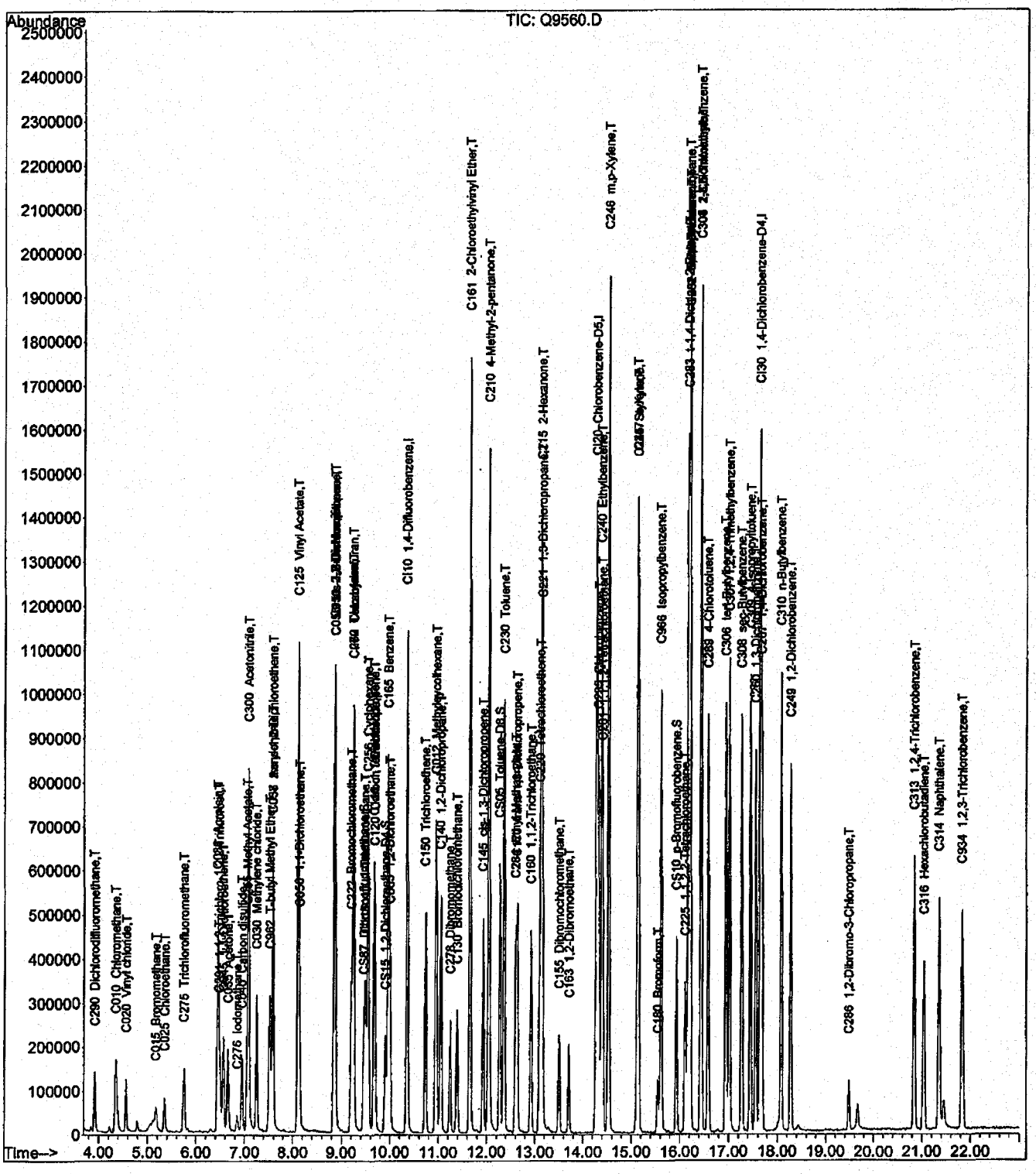
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	97745	22.76	ng		98
40) C161	2-Chloroethylvinyl E	11.65	63	404534	133.27	ng	#	86
41) C012	Methylcycolhexane	10.95	83	153101	25.60	ng	#	68
42) C145	cis-1,3-Dichloroprop	11.93	75	139389	23.89	ng		89
45) C230	Toluene	12.36	92	254789	26.03	ng		96
46) C170	trans-1,3-Dichloropr	12.63	75	126694	23.66	ng		86
47) C284	Ethyl Methacrylate	12.60	69	116116	22.68	ng	#	34
48) C160	1,1,2-Trichloroethan	12.92	83	75277	25.02	ng		87
49) C210	4-Methyl-2-pentanone	12.04	43	770169	126.04	ng	#	89
50) C220	Tetrachloroethene	13.11	166	113418	26.49	ng		93
51) C221	1,3-Dichloropropane	13.16	76	162396	25.92	ng		98
52) C155	Dibromochloromethane	13.51	129	68397	21.90	ng		93
53) C163	1,2-Dibromoethane	13.71	107	91539	24.20	ng		96
54) C215	2-Hexanone	13.14	43	520441	123.14	ng	#	93
55) C235	Chlorobenzene	14.32	112	282009	26.13	ng		82
56) C281	1,1,1,2-Tetrachloroe	14.41	131	81216	24.55	ng		94
57) C240	Ethylbenzene	14.38	91	477602	26.66	ng		95
58) C246	m,p-Xylene	14.53	106	391099	54.17	ng	#	79
59) C247	o-Xylene	15.13	106	188174	26.42	ng	#	71
60) C245	Styrene	15.15	104	291274	26.21	ng		97
63) C180	Bromoform	15.55	173	36636	18.69	ng		99
64) C966	Isopropylbenzene	15.61	105	460969	25.94	ng		92
65) C301	Bromobenzene	16.20	156	129951	26.58	ng		89
66) C225	1,1,2,2-Tetrachloroe	16.11	83	109284	23.52	ng		99
67) C282	1,2,3-Trichloropropa	16.22	110	36990	26.80	ng		100
68) C283	t-1,4-Dichloro-2-But	16.17	53	257847	123.26	ng	#	55
69) C302	n-Propylbenzene	16.21	91	600787	27.54	ng		86
70) C303	2-Chlorotoluene	16.43	126	119916	26.85	ng		100
71) C289	4-Chlorotoluene	16.58	126	121236	25.40	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	404463	27.19	ng	#	53
73) C306	tert-Butylbenzene	16.95	134	84267	25.08	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	410274	26.30	ng		97
75) C308	sec-Butylbenzene	17.27	105	466626	25.85	ng		91
76) C260	1,3-Dichlorobenzene	17.56	146	237134	25.88	ng		94
77) C309	4-Isopropyltoluene	17.45	119	408942	26.22	ng		96
78) C267	1,4-Dichlorobenzene	17.69	146	244017	25.61	ng		95
79) C249	1,2-Dichlorobenzene	18.28	146	224675	25.27	ng		95
80) C310	n-Butylbenzene	18.08	91	382920	26.36	ng		88
81) C286	1,2-Dibromo-3-Chloro	19.48	75	14946	20.95	ng	#	75
82) C313	1,2,4-Trichlorobenze	20.84	180	151868	23.04	ng		98
83) C316	Hexachlorobutadiene	21.03	225	68496	24.68	ng		90
84) C314	Naphthalene	21.35	128	277249	20.56	ng		100
85) C934	1,2,3-Trichlorobenze	21.83	180	132011	22.23	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9560.D Vial: 6
Acq On : 16 Aug 2008 13:17 Operator: PQ
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 16 15:23:18 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:22:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9560.D Vial: 6
Acq On : 16 Aug 2008 13:17 Operator: PQ
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23:18 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:22:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	10.35	114	1103812	125.00	ng		0.00 96.64%
43)	CI20	Chlorobenzene-D5	14.28	117	980839	125.00	ng		0.00 97.60%
62)	CI30	1,4-Dichlorobenzene-	17.65	152	558388	125.00	ng		0.00 97.64%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	9.45	111	125273	48.82	ng		0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery =	39.06%#		
31)	CS15	1,2-Dichloroethane-D	9.90	65	168752	49.67	ng		0.00
	Spiked Amount	125.000	Range	66 - 137		Recovery =	39.74%#		
44)	CS05	Toluene-D8	12.27	98	505251	48.02	ng		0.00
	Spiked Amount	125.000	Range	71 - 126		Recovery =	38.42%#		
61)	CS10	p-Bromofluorobenzene	15.93	174	171829	46.42	ng		0.00
	Spiked Amount	125.000	Range	73 - 120		Recovery =	37.14%#		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	3.92	85	145419	49.46	ng		94
3)	C010	Chloromethane	4.34	50	318535	51.08	ng		100
4)	C020	Vinyl chloride	4.56	62	137208	48.58	ng		95
5)	C015	Bromomethane	5.17	94	35968	45.77	ng		96
6)	C025	Chloroethane	5.35	64	76252	50.14	ng		97
7)	C275	Trichlorofluorometha	5.76	101	158688	48.33	ng		95
8)	C045	1,1-Dichloroethene	6.56	96	90432	51.74	ng	#	83
9)	C030	Methylene chloride	7.25	84	117530	45.54	ng	#	51
10)	C040	Carbon disulfide	6.95	76	262002	50.58	ng		99
11)	C036	Acrolein	6.44	56	468972	1104.76	ng		95
12)	C038	Acrylonitrile	7.59	53	302061	249.49	ng		98
13)	C035	Acetone	6.66	43	298615	246.61	ng		94
14)	C300	Acetonitrile	7.08	41	1030739	2099.46	ng		99
15)	C276	Iodomethane	6.84	142	58405	37.94	ng	#	81
16)	C291	1,1,2 Trichloro-1,2,	6.48	101	87432	50.93	ng	#	84
17)	C962	T-butyl Methyl Ether	7.53	73	292116	50.57	ng	#	80
18)	C057	trans-1,2-Dichloroet	7.58	96	107477	50.66	ng	#	84
19)	C255	Methyl Acetate	7.05	43	211589	50.72	ng	#	81
20)	C050	1,1-Dichloroethane	8.14	63	224396	50.99	ng		97
21)	C125	Vinyl Acetate	8.11	43	1926901	273.50	ng	#	90
22)	C051	2,2-Dichloropropane	8.86	77	219431	50.19	ng		84
23)	C056	cis-1,2-Dichloroethe	8.87	96	218925	51.65	ng		90
24)	C272	Tetrahydrofuran	9.24	42	531336	259.64	ng	#	77
25)	C222	Bromochloromethane	9.20	128	105324	52.03	ng	#	80
26)	C060	Chloroform	9.24	83	323625	51.60	ng		95
27)	C115	1,1,1-Trichloroethan	9.48	97	260397	50.39	ng		96
28)	C120	Carbon tetrachloride	9.69	117	178696	47.69	ng		98
29)	C116	1,1-Dichloropropene	9.67	75	246205	50.80	ng		98
32)	C165	Benzene	9.96	78	784894	51.59	ng		98
33)	C065	1,2-Dichloroethane	10.00	62	321915	51.55	ng	#	79
34)	C110	2-Butanone	8.85	43	832547	262.97	ng	#	88
35)	C256	Cyclohexane	9.55	56	487535	51.71	ng	#	72
36)	C150	Trichloroethene	10.73	95	183672	50.10	ng	#	77
37)	C140	1,2-Dichloropropane	11.05	63	249163	51.32	ng	#	76
38)	C278	Dibromomethane	11.24	93	117893	51.74	ng		97

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9560.D Vial: 6
Acq On : 16 Aug 2008 13:17 Operator: PQ
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:23:18 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:22:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

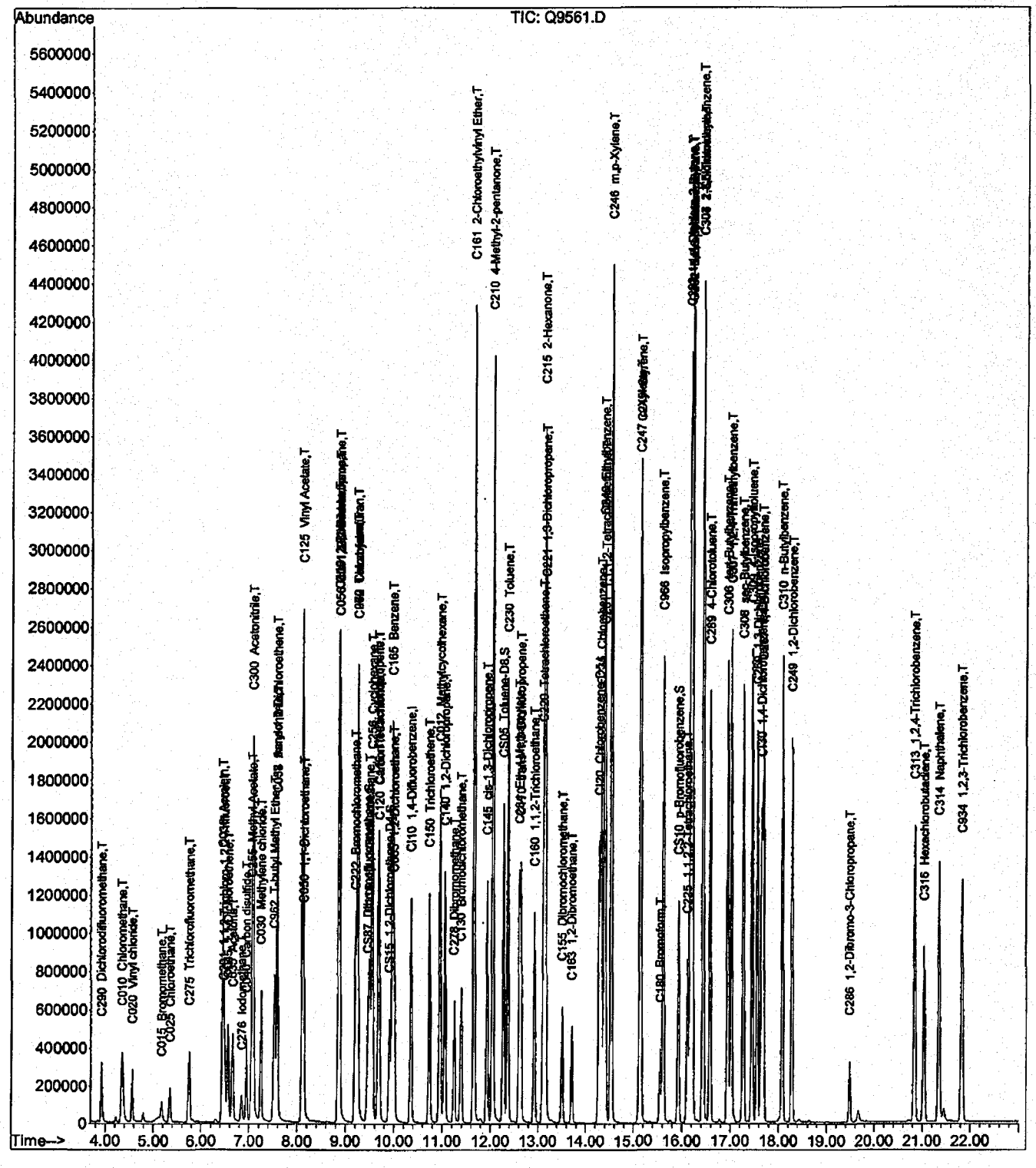
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	211346	49.98	ng		96
40) C161	2-Chloroethylviny1 E	11.65	63	832121	278.39	ng	#	86
41) C012	Methylcycolhexane	10.95	83	299462	50.86	ng	#	72
42) C145	cis-1,3-Dichloroprop	11.92	75	297932	51.85	ng		97
45) C230	Toluene	12.36	92	491037	50.78	ng		98
46) C170	trans-1,3-Dichloropr	12.64	75	262226	49.56	ng		88
47) C284	Ethyl Methacrylate	12.60	69	252134	49.85	ng	#	37
48) C160	1,1,2-Trichloroethan	12.92	83	150773	50.73	ng		87
49) C210	4-Methyl-2-pentanone	12.05	43	1617687	267.99	ng	#	88
50) C220	Tetrachloroethene	13.10	166	211351	49.97	ng		95
51) C221	1,3-Dichloropropane	13.16	76	327601	52.92	ng		95
52) C155	Dibromochloromethane	13.51	129	150820	48.89	ng		97
53) C163	1,2-Dibromoethane	13.71	107	189550	50.72	ng		97
54) C215	2-Hexanone	13.13	43	1115270	267.11	ng	#	92
55) C235	Chlorobenzene	14.32	112	549789	51.57	ng		89
56) C281	1,1,1,2-Tetrachloroe	14.41	131	162547	49.74	ng		95
57) C240	Ethylbenzene	14.39	91	924792	52.25	ng		93
58) C246	m,p-Xylene	14.53	106	755498	105.93	ng	#	82
59) C247	o-Xylene	15.13	106	369444	52.51	ng	#	77
60) C245	Styrene	15.15	104	590656	53.81	ng		98
63) C180	Bromoform	15.55	173	83822	43.37	ng		97
64) C966	Isopropylbenzene	15.61	105	908551	51.87	ng		97
65) C301	Bromobenzene	16.20	156	253790	52.65	ng	#	86
66) C225	1,1,2,2-Tetrachloroe	16.11	83	234202	51.13	ng		92
67) C282	1,2,3-Trichloropropa	16.21	110	71856	52.82	ng		100
68) C283	t-1,4-Dichloro-2-But	16.17	53	551193	267.31	ng	#	62
69) C302	n-Propylbenzene	16.21	91	1176243	54.70	ng		89
70) C303	2-Chlorotoluene	16.43	126	235586	53.52	ng		100
71) C289	4-Chlorotoluene	16.58	126	247460	52.61	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	786333	53.62	ng	#	49
73) C306	tert-Butylbenzene	16.95	134	171895	51.90	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	802204	52.17	ng		100
75) C308	sec-Butylbenzene	17.27	105	931164	52.32	ng		91
76) C260	1,3-Dichlorobenzene	17.56	146	465479	51.54	ng		94
77) C309	4-Isopropyltoluene	17.45	119	814580	52.99	ng		95
78) C267	1,4-Dichlorobenzene	17.68	146	483048	51.43	ng		93
79) C249	1,2-Dichlorobenzene	18.27	146	453499	51.75	ng		96
80) C310	n-Butylbenzene	18.07	91	746317	52.13	ng		86
81) C286	1,2-Dibromo-3-Chloro	19.48	75	31710	45.08	ng	#	61
82) C313	1,2,4-Trichlorobenze	20.84	180	336828	51.85	ng		93
83) C316	Hexachlorobutadiene	21.04	225	138524	50.63	ng		93
84) C314	Naphthalene	21.35	128	666209	50.13	ng		100
85) C934	1,2,3-Trichlorobenze	21.83	180	297041	50.73	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9561.D Vial: 7
Acq On : 16 Aug 2008 13:46 Operator: PQ
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 16 15:20:23 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:20:02 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9561.D Vial: 7
Acq On : 16 Aug 2008 13:46 Operator: PQ
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:20:23 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:20:02 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	10.35	114	1142241	125.00	ng		0.00 100.00%
43)	CI20 Chlorobenzene-D5	14.28	117	1004929	125.00	ng		0.00 100.00%
62)	CI30 1,4-Dichlorobenzene-	17.64	152	571873	125.00	ng		0.00 100.00%
	System Monitoring Compounds							
30)	CS87 Dibromofluoromethane	9.45	111	323208	121.72	ng		0.00
	Spiked Amount 125.000	Range 70 - 130		Recovery = 97.38%				
31)	CS15 1,2-Dichloroethane-D	9.90	65	411982	117.19	ng		0.00
	Spiked Amount 125.000	Range 66 - 137		Recovery = 93.75%				
44)	CS05 Toluene-D8	12.27	98	1359089	126.08	ng		0.00
	Spiked Amount 125.000	Range 71 - 126		Recovery = 100.86%				
61)	CS10 p-Bromofluorobenzene	15.93	174	463389	122.18	ng		0.00
	Spiked Amount 125.000	Range 73 - 120		Recovery = 97.74%				
	Target Compounds							Qvalue
2)	C290 Dichlorodifluorometh	3.92	85	372059	122.29	ng		98
3)	C010 Chloromethane	4.35	50	752327	116.58	ng		92
4)	C020 Vinyl chloride	4.56	62	341186	116.74	ng		96
5)	C015 Bromomethane	5.17	94	66964	82.34	ng		87
6)	C025 Chloroethane	5.35	64	184063	116.97	ng		100
7)	C275 Trichlorofluorometha	5.75	101	406496	119.64	ng		95
8)	C045 1,1-Dichloroethene	6.56	96	215229	119.01	ng	#	80
9)	C030 Methylene chloride	7.25	84	260537	97.56	ng	#	41
10)	C040 Carbon disulfide	6.94	76	648941	121.07	ng		100
11)	C036 Acrolein	6.44	56	1146588	2610.14	ng		94
12)	C038 Acrylonitrile	7.59	53	776861	620.06	ng		99
13)	C035 Acetone	6.66	43	744444	594.16	ng		94
14)	C300 Acetonitrile	7.08	41	2544836	5009.05	ng		99
15)	C276 Iodomethane	6.84	142	228466	143.41	ng	#	82
16)	C291 1,1,2 Trichloro-1,2,	6.48	101	210383	118.43	ng	#	83
17)	C962 T-butyl Methyl Ether	7.52	73	742846	124.28	ng	#	81
18)	C057 trans-1,2-Dichloroet	7.58	96	256986	117.07	ng	#	82
19)	C255 Methyl Acetate	7.05	43	524699	121.55	ng	#	79
20)	C050 1,1-Dichloroethane	8.14	63	540289	118.63	ng		97
21)	C125 Vinyl Acetate	8.11	43	4804697	659.14	ng	#	90
22)	C051 2,2-Dichloropropane	8.85	77	567664	125.47	ng		88
23)	C056 cis-1,2-Dichloroethe	8.87	96	536822	122.39	ng	#	88
24)	C272 Tetrahydrofuran	9.24	42	1361089	642.72	ng	#	79
25)	C222 Bromochloromethane	9.20	128	251620	120.11	ng	#	78
26)	C060 Chloroform	9.25	83	796372	122.71	ng		100
27)	C115 1,1,1-Trichloroethan	9.49	97	649407	121.45	ng		96
28)	C120 Carbon tetrachloride	9.69	117	480402	123.88	ng		94
29)	C116 1,1-Dichloropropene	9.67	75	612936	122.21	ng		95
32)	C165 Benzene	9.96	78	1948185	123.74	ng		97
33)	C065 1,2-Dichloroethane	10.00	62	793750	122.84	ng		80
34)	C110 2-Butanone	8.85	43	2080415	635.02	ng	#	85
35)	C256 Cyclohexane	9.54	56	1198787	122.86	ng	#	73
36)	C150 Trichloroethene	10.73	95	462673	121.97	ng	#	75
37)	C140 1,2-Dichloropropane	11.05	63	619055	123.21	ng	#	76
38)	C278 Dibromomethane	11.25	93	291568	123.64	ng		91

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9561.D Vial: 7
Acq On : 16 Aug 2008 13:46 Operator: PQ
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:20:23 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:20:02 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

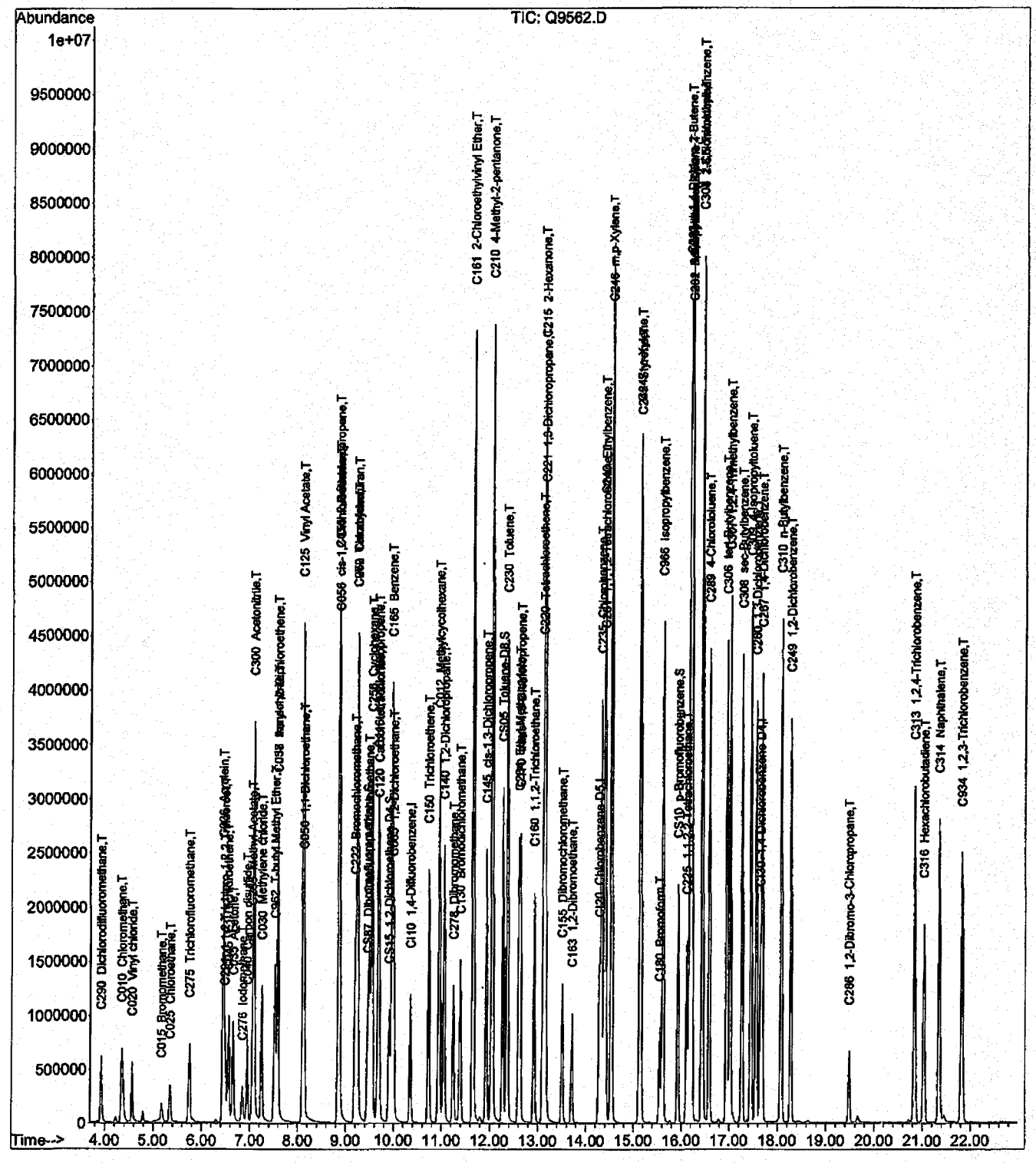
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	554969	126.83	ng		98
40) C161	2-Chloroethylvinyl E	11.65	63	2046064	661.49	ng	#	87
41) C012	Methylcycolhexane	10.95	83	738297	121.17	ng	#	71
42) C145	cis-1,3-Dichloroprop	11.92	75	761949	128.15	ng		91
45) C230	Toluene	12.36	92	1208355	121.96	ng		95
46) C170	trans-1,3-Dichloropr	12.64	75	710665	131.10	ng		83
47) C284	Ethyl Methacrylate	12.60	69	688769	132.93	ng	#	37
48) C160	1,1,2-Trichloroethan	12.92	83	379268	124.54	ng		84
49) C210	4-Methyl-2-pentanone	12.04	43	4165885	673.59	ng	#	89
50) C220	Tetrachloroethene	13.10	166	531345	122.62	ng		91
51) C221	1,3-Dichloropropane	13.16	76	801967	126.45	ng		97
52) C155	Dibromochloromethane	13.51	129	405586	128.33	ng		99
53) C163	1,2-Dibromoethane	13.71	107	480970	125.62	ng		98
54) C215	2-Hexanone	13.14	43	2911024	680.49	ng	#	92
55) C235	Chlorobenzene	14.32	112	1351610	123.75	ng		86
56) C281	1,1,1,2-Tetrachloroe	14.41	131	431061	128.73	ng		95
57) C240	Ethylbenzene	14.38	91	2260875	124.69	ng		92
58) C246	m,p-Xylene	14.53	106	1803996	246.89	ng	#	80
59) C247	o-Xylene	15.12	106	893319	123.92	ng	#	75
60) C245	Styrene	15.15	104	1417534	126.04	ng		99
63) C180	Bromoform	15.55	173	260524	131.62	ng		96
64) C966	Isopropylbenzene	15.61	105	2245202	125.15	ng		95
65) C301	Bromobenzene	16.20	156	611506	123.88	ng	#	90
66) C225	1,1,2,2-Tetrachloroe	16.11	83	584884	124.67	ng		97
67) C282	1,2,3-Trichloropropa	16.21	110	174947	125.57	ng		100
68) C283	t-1,4-Dichloro-2-But	16.17	53	1399800	662.85	ng	#	80
69) C302	n-Propylbenzene	16.21	91	2746949	124.73	ng		88
70) C303	2-Chlorotoluene	16.43	126	553507	122.77	ng		100
71) C289	4-Chlorotoluene	16.58	126	598557	124.24	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	1891311	125.93	ng	#	47
73) C306	tert-Butylbenzene	16.95	134	424185	125.06	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	1959163	124.40	ng		96
75) C308	sec-Butylbenzene	17.27	105	2264646	124.25	ng		94
76) C260	1,3-Dichlorobenzene	17.56	146	1137090	122.94	ng		95
77) C309	4-Isopropyltoluene	17.45	119	1973597	125.35	ng		96
78) C267	1,4-Dichlorobenzene	17.69	146	1152520	119.82	ng		92
79) C249	1,2-Dichlorobenzene	18.28	146	1097113	122.23	ng		96
80) C310	n-Butylbenzene	18.08	91	1828972	124.74	ng		86
81) C286	1,2-Dibromo-3-Chloro	19.48	75	92494	128.41	ng	#	74
82) C313	1,2,4-Trichlorobenze	20.84	180	842938	126.69	ng		98
83) C316	Hexachlorobutadiene	21.03	225	336268	120.01	ng		93
84) C314	Naphthalene	21.35	128	1742692	128.03	ng		100
85) C934	1,2,3-Trichlorobenze	21.83	180	756576	126.17	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9562.D Vial: 8
Acq On : 16 Aug 2008 14:15 Operator: PQ
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 16 15:24:02 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:23:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9562.D Vial: 8
Acq On : 16 Aug 2008 14:15 Operator: PQ
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24:02 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:23:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.35	114	1147896	125.00	ng		0.00 100.50%
43) CI20	Chlorobenzene-D5	14.27	117	996637	125.00	ng		0.00 99.17%
62) CI30	1,4-Dichlorobenzene-	17.65	152	565480	125.00	ng		0.00 98.88%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	9.45	111	616225	230.93	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	184.74%#			
31) CS15	1,2-Dichloroethane-D	9.90	65	806900	228.40	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	182.72%#			
44) CS05	Toluene-D8	12.27	98	2504964	234.31	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	187.45%#			
61) CS10	p-Bromofluorobenzene	15.93	174	874879	232.60	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	186.08%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.92	85	724883	237.08	ng		96
3) C010	Chloromethane	4.35	50	1434515	221.20	ng		97
4) C020	Vinyl chloride	4.56	62	680713	231.76	ng		94
5) C015	Bromomethane	5.17	94	135577	165.89	ng		96
6) C025	Chloroethane	5.34	64	361402	228.54	ng		99
7) C275	Trichlorofluorometha	5.75	101	805736	235.98	ng		98
8) C045	1,1-Dichloroethene	6.56	96	412327	226.87	ng	#	86
9) C030	Methylene chloride	7.25	84	471049	175.51	ng	#	44
10) C040	Carbon disulfide	6.94	76	1248373	231.76	ng		98
11) C036	Acrolein	6.45	56	2119784	4801.79	ng		93
12) C038	Acrylonitrile	7.58	53	1450557	1152.07	ng		98
13) C035	Acetone	6.65	43	1464561	1163.06	ng		92
14) C300	Acetonitrile	7.08	41	4699332	9204.21	ng		100
15) C276	Iodomethane	6.84	142	572059	357.31	ng	#	78
16) C291	1,1,2 Trichloro-1,2,	6.49	101	402117	225.25	ng	#	85
17) C962	T-butyl Methyl Ether	7.52	73	1417374	235.96	ng	#	81
18) C057	trans-1,2-Dichloroet	7.58	96	499530	226.43	ng	#	81
19) C255	Methyl Acetate	7.05	43	1011348	233.13	ng	#	81
20) C050	1,1-Dichloroethane	8.14	63	1044900	228.30	ng		97
21) C125	Vinyl Acetate	8.11	43	8544818	1166.27	ng	#	91
22) C051	2,2-Dichloropropane	8.85	77	1119802	246.29	ng		89
23) C056	cis-1,2-Dichloroethe	8.87	96	1023836	232.27	ng		92
24) C272	Tetrahydrofuran	9.24	42	2620639	1231.41	ng	#	79
25) C222	Bromochloromethane	9.20	128	497446	236.29	ng	#	86
26) C060	Chloroform	9.24	83	1529787	234.54	ng		98
27) C115	1,1,1-Trichloroethan	9.49	97	1322134	246.05	ng		98
28) C120	Carbon tetrachloride	9.69	117	1032401	264.92	ng		100
29) C116	1,1-Dichloropropene	9.67	75	1201204	238.31	ng		96
32) C165	Benzene	9.96	78	3768221	238.17	ng		98
33) C065	1,2-Dichloroethane	10.00	62	1558433	239.99	ng		81
34) C110	2-Butanone	8.85	43	3960898	1203.06	ng	#	87
35) C256	Cyclohexane	9.54	56	2353462	240.02	ng	#	73
36) C150	Trichloroethene	10.73	95	903033	236.88	ng	#	78
37) C140	1,2-Dichloropropane	11.05	63	1200709	237.79	ng	#	80
38) C278	Dibromomethane	11.25	93	566199	238.92	ng		91

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9562.D Vial: 8
Acq On : 16 Aug 2008 14:15 Operator: PQ
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24:02 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:23:48 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

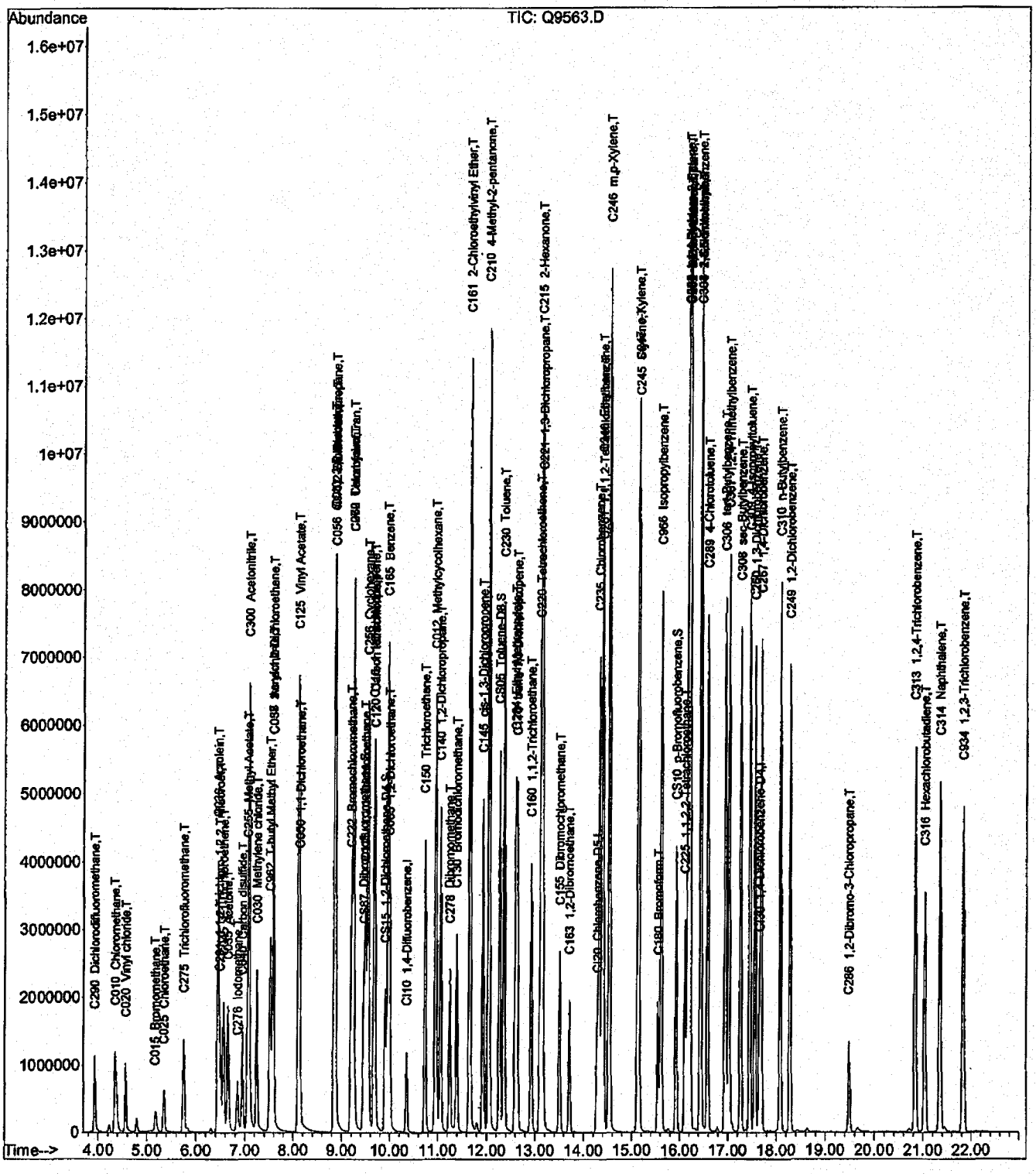
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	1140489	259.35	ng		97
40) C161	2-Chloroethylviny1 E	11.65	63	3617136	1163.66	ng	#	85
41) C012	Methylcycolhexane	10.95	83	1486153	242.71	ng	#	74
42) C145	cis-1,3-Dichloroprop	11.93	75	1538901	257.55	ng		91
45) C230	Toluene	12.36	92	2340455	238.19	ng		98
46) C170	trans-1,3-Dichloropr	12.63	75	1424027	264.89	ng		87
47) C284	Ethyl Methacrylate	12.60	69	1398761	272.19	ng	#	37
48) C160	1,1,2-Trichloroethan	12.92	83	728625	241.25	ng		88
49) C210	4-Methyl-2-pentanone	12.04	43	7745211	1262.75	ng	#	92
50) C220	Tetrachloroethene	13.11	166	1035097	240.87	ng		90
51) C221	1,3-Dichloropropane	13.16	76	1501876	238.78	ng		99
52) C155	Dibromochloromethane	13.51	129	874940	279.14	ng		97
53) C163	1,2-Dibromoethane	13.71	107	940448	247.66	ng		99
54) C215	2-Hexanone	13.13	43	5467476	1288.72	ng		92
55) C235	Chlorobenzene	14.32	112	2585283	238.67	ng		86
56) C281	1,1,1,2-Tetrachloroe	14.41	131	876741	264.01	ng		94
57) C240	Ethylbenzene	14.38	91	4229704	235.21	ng		91
58) C246	m,p-Xylene	14.54	106	3316575	457.67	ng	#	74
59) C247	o-Xylene	15.13	106	1694358	237.00	ng	#	73
60) C245	Styrene	15.15	104	2625750	235.40	ng		96
63) C180	Bromoform	15.55	173	605433	309.34	ng		100
64) C966	Isopropylbenzene	15.61	105	4293872	242.06	ng		92
65) C301	Bromobenzene	16.20	156	1122837	230.03	ng	#	82
66) C225	1,1,2,2-Tetrachloroe	16.11	83	1156102	249.22	ng		96
67) C282	1,2,3-Trichloropropa	16.22	110	315430	228.95	ng		100
68) C283	t-1,4-Dichloro-2-But	16.17	53	2648913	1268.53	ng	#	80
69) C302	n-Propylbenzene	16.22	91	4884707	224.31	ng		85
70) C303	2-Chlorotoluene	16.43	126	1023145	229.51	ng		100
71) C289	4-Chlorotoluene	16.58	126	1150380	241.48	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	3468867	233.59	ng	#	45
73) C306	tert-Butylbenzene	16.95	134	822237	245.16	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	3741141	240.23	ng		98
75) C308	sec-Butylbenzene	17.27	105	4347645	241.23	ng		90
76) C260	1,3-Dichlorobenzene	17.55	146	2149298	235.01	ng		95
77) C309	4-Isopropyltoluene	17.45	119	3786932	243.24	ng		96
78) C267	1,4-Dichlorobenzene	17.68	146	2180081	229.21	ng		93
79) C249	1,2-Dichlorobenzene	18.27	146	2100837	236.70	ng		96
80) C310	n-Butylbenzene	18.08	91	3494102	240.99	ng		84
81) C286	1,2-Dibromo-3-Chloro	19.48	75	192761	270.63	ng	#	62
82) C313	1,2,4-Trichlorobenze	20.84	180	1683776	255.92	ng		97
83) C316	Hexachlorobutadiene	21.03	225	666760	240.66	ng		97
84) C314	Naphthalene	21.35	128	3580843	266.05	ng		100
85) C934	1,2,3-Trichlorobenze	21.82	180	1511330	254.89	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9563.D Vial: 9
Acq On : 16 Aug 2008 14:43 Operator: PQ
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 16 15:24:48 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:24:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9563.D Vial: 9
Acq On : 16 Aug 2008 14:43 Operator: PQ
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24:48 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:24:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	10.35	114	1139546	125.00	ng		0.00 99.76%
43)	CI20	Chlorobenzene-D5	14.28	117	987906	125.00	ng		0.00 98.31%
62)	CI30	1,4-Dichlorobenzene-	17.65	152	561318	125.00	ng		0.00 98.15%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	9.46	111	1209920	456.75	ng		0.00
	Spiked Amount	125.000	Range 70 - 130		Recovery =	365.40%#			
31)	CS15	1,2-Dichloroethane-D	9.91	65	1632667	465.53	ng		0.00
	Spiked Amount	125.000	Range 66 - 137		Recovery =	372.42%#			
44)	CS05	Toluene-D8	12.27	98	4696365	443.18	ng		0.00
	Spiked Amount	125.000	Range 71 - 126		Recovery =	354.54%#			
61)	CS10	p-Bromofluorobenzene	15.93	174	1692760	454.02	ng		0.00
	Spiked Amount	125.000	Range 73 - 120		Recovery =	363.22%#			
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	3.93	85	1395432	459.73	ng		97
3)	C010	Chloromethane	4.35	50	2561593	397.89	ng		94
4)	C020	Vinyl chloride	4.56	62	1287708	441.63	ng		96
5)	C015	Bromomethane	5.17	94	286164	352.70	ng		87
6)	C025	Chloroethane	5.35	64	669373	426.39	ng		96
7)	C275	Trichlorofluorometha	5.75	101	1531470	451.81	ng		98
8)	C045	1,1-Dichloroethene	6.56	96	806547	447.02	ng	#	85
9)	C030	Methylene chloride	7.25	84	908457	340.97	ng	#	49
10)	C040	Carbon disulfide	6.94	76	2454709	459.06	ng		99
11)	C036	Acrolein	6.44	56	3934698	8978.30	ng		93
12)	C038	Acrylonitrile	7.59	53	2825002	2260.13	ng		98
13)	C035	Acetone	6.65	43	2968084	2374.33	ng		91
14)	C300	Acetonitrile	7.08	41	8635726	17038.06	ng		98
15)	C276	Iodomethane	6.85	142	1255082	789.67	ng	#	79
16)	C291	1,1,2 Trichloro-1,2,	6.49	101	793192	447.57	ng	#	85
17)	C962	T-butyl Methyl Ether	7.52	73	2869744	481.24	ng	#	81
18)	C057	trans-1,2-Dichloroet	7.58	96	946517	432.19	ng	#	82
19)	C255	Methyl Acetate	7.05	43	1989916	462.06	ng	#	80
20)	C050	1,1-Dichloroethane	8.14	63	1981585	436.14	ng		97
21)	C125	Vinyl Acetate	8.11	43	13557973	1864.06	ng	#	94
22)	C051	2,2-Dichloropropane	8.85	77	2099261	465.09	ng		93
23)	C056	cis-1,2-Dichloroethe	8.87	96	1837047	419.81	ng	#	88
24)	C272	Tetrahydrofuran	9.24	42	4904671	2321.53	ng	#	79
25)	C222	Bromochloromethane	9.20	128	936494	448.10	ng	#	84
26)	C060	Chloroform	9.25	83	2764075	426.88	ng		99
27)	C115	1,1,1-Trichloroethan	9.49	97	2561132	480.12	ng		97
28)	C120	Carbon tetrachloride	9.69	117	2083561	538.56	ng		99
29)	C116	1,1-Dichloropropene	9.67	75	2258808	451.42	ng		98
32)	C165	Benzene	9.96	78	6713511	427.43	ng		99
33)	C065	1,2-Dichloroethane	10.00	62	3050876	473.26	ng		81
34)	C110	2-Butanone	8.85	43	7150161	2187.67	ng	#	88
35)	C256	Cyclohexane	9.55	56	4502678	462.57	ng	#	74
36)	C150	Trichloroethene	10.73	95	1687843	446.00	ng	#	73
37)	C140	1,2-Dichloropropane	11.05	63	2251663	449.19	ng	#	81
38)	C278	Dibromomethane	11.24	93	1083496	460.56	ng		88

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081608\Q9563.D Vial: 9
Acq On : 16 Aug 2008 14:43 Operator: PQ
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 16 15:24:48 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Aug 16 15:24:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081608\Q9561.D (16 Aug 2008 13:46)

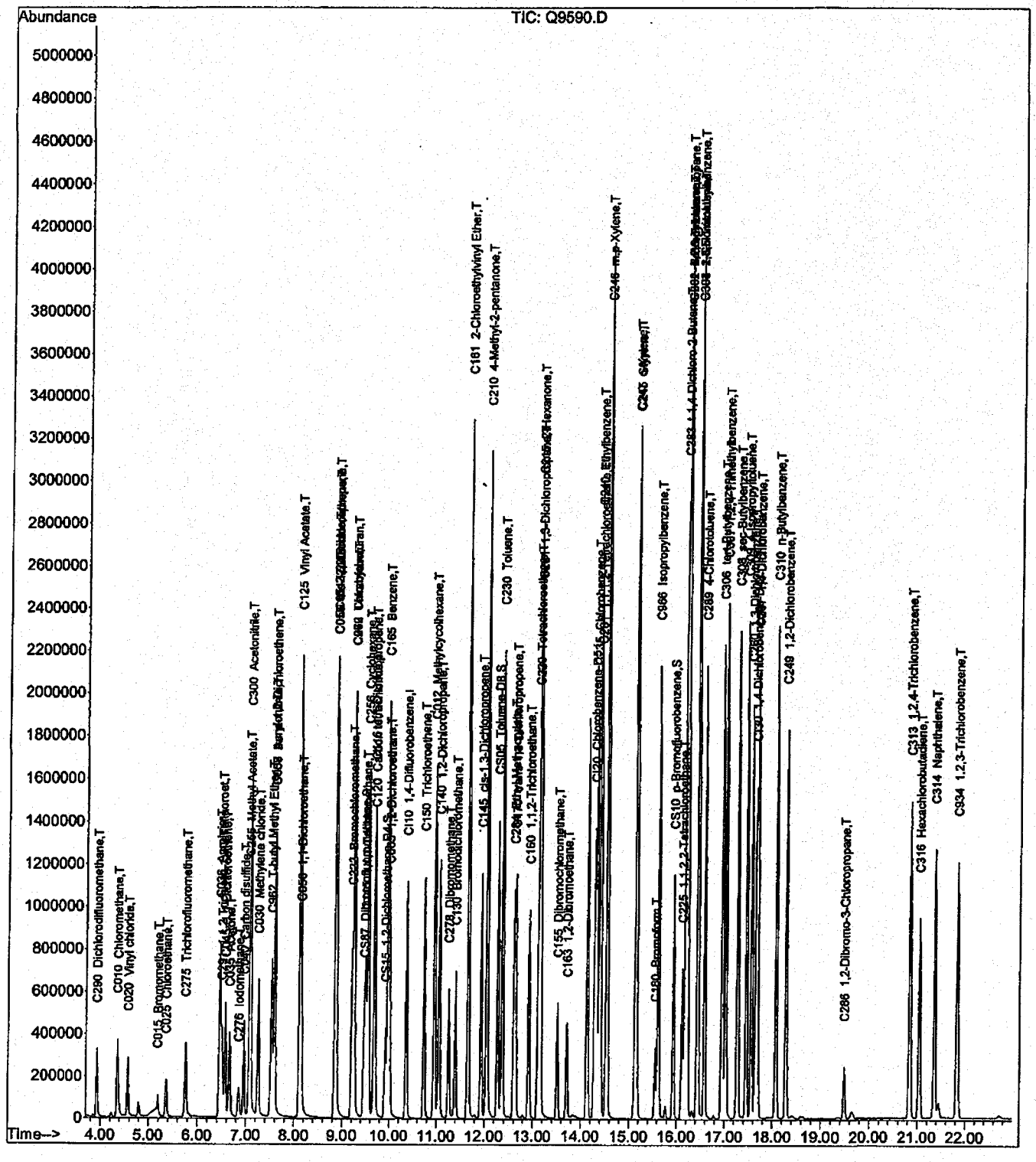
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	2292220	525.08	ng		99
40) C161	2-Chloroethylvinyl E	11.66	63	5963867	1932.68	ng	#	84
41) C012	Methylcycolhexane	10.95	83	2851584	469.12	ng	#	73
42) C145	cis-1,3-Dichloroprop	11.92	75	2975794	501.67	ng		91
45) C230	Toluene	12.36	92	4248336	436.19	ng		93
46) C170	trans-1,3-Dichloropr	12.64	75	2745195	515.15	ng		86
47) C284	Ethyl Methacrylate	12.60	69	2763999	542.62	ng	#	34
48) C160	1,1,2-Trichloroethan	12.92	83	1371362	458.08	ng		88
49) C210	4-Methyl-2-pentanone	12.04	43	12669188	2083.79	ng		96
50) C220	Tetrachloroethene	13.11	166	1934066	454.04	ng		91
51) C221	1,3-Dichloropropane	13.16	76	2658063	426.34	ng		99
52) C155	Dibromochloromethane	13.51	129	1805954	581.27	ng		96
53) C163	1,2-Dibromoethane	13.71	107	1830947	486.43	ng		96
54) C215	2-Hexanone	13.14	43	9320270	2216.27	ng		98
55) C235	Chlorobenzene	14.32	112	4692278	437.01	ng		86
56) C281	1,1,1,2-Tetrachloroe	14.41	131	1652689	502.07	ng		97
57) C240	Ethylbenzene	14.38	91	7117798	399.31	ng		86
58) C246	m,p-Xylene	14.53	106	5702857	793.92	ng	#	63
59) C247	o-Xylene	15.13	106	2965941	418.52	ng	#	65
60) C245	Styrene	15.16	104	4611410	417.07	ng		97
63) C180	Bromoform	15.55	173	1328892	684.02	ng		99
64) C966	Isopropylbenzene	15.62	105	7600566	431.65	ng		88
65) C301	Bromobenzene	16.20	156	1955473	403.58	ng	#	76
66) C225	1,1,2,2-Tetrachloroe	16.11	83	2191168	475.85	ng		95
67) C282	1,2,3-Trichloropropa	16.22	110	553065	404.42	ng		100
68) C283	t-1,4-Dichloro-2-But	16.17	53	4648069	2242.41	ng	#	78
69) C302	n-Propylbenzene	16.21	91	7892324	365.11	ng		81
70) C303	2-Chlorotoluene	16.43	126	1779822	402.20	ng		100
71) C289	4-Chlorotoluene	16.58	126	2123136	448.99	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	5901095	400.32	ng	#	42
73) C306	tert-Butylbenzene	16.95	134	1504212	451.83	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	6592114	426.43	ng		94
75) C308	sec-Butylbenzene	17.27	105	7691468	429.92	ng		86
76) C260	1,3-Dichlorobenzene	17.56	146	3953711	435.52	ng		93
77) C309	4-Isopropyltoluene	17.45	119	6697057	433.35	ng		96
78) C267	1,4-Dichlorobenzene	17.69	146	4001469	423.82	ng		91
79) C249	1,2-Dichlorobenzene	18.28	146	3868923	439.15	ng		94
80) C310	n-Butylbenzene	18.08	91	6139871	426.62	ng		79
81) C286	1,2-Dibromo-3-Chloro	19.48	75	417360	590.30	ng	#	66
82) C313	1,2,4-Trichlorobenze	20.84	180	3218359	492.80	ng		97
83) C316	Hexachlorobutadiene	21.04	225	1309105	476.01	ng		98
84) C314	Naphthalene	21.35	128	6797992	508.82	ng		100
85) C934	1,2,3-Trichlorobenze	21.83	180	2954288	501.95	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081908\Q9590.D Vial: 3
Acq On : 19 Aug 2008 10:43 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 19 13:14:56 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Aug 19 10:29:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081908\Q9590.D Vial: 3
Acq On : 19 Aug 2008 10:43 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 13:14:56 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Aug 19 10:29:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081908\Q9589.D (19 Aug 2008 9:59)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	10.36	114	1073698	125.00	ng		0.00 99.67%
43)	CI20	Chlorobenzene-D5	14.28	117	932258	125.00	ng		0.00 98.84%
62)	CI30	1,4-Dichlorobenzene-	17.65	152	527613	125.00	ng		0.00 98.84%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	9.46	111	269510	107.98	ng		0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery =	86.38%		
31)	CS15	1,2-Dichloroethane-D	9.91	65	342300	103.59	ng		0.00
	Spiked Amount	125.000	Range	66 - 137		Recovery =	82.87%		
44)	CS05	Toluene-D8	12.27	98	1129091	112.91	ng		0.00
	Spiked Amount	125.000	Range	71 - 126		Recovery =	90.33%		
61)	CS10	p-Bromofluorobenzene	15.93	174	455635	129.50	ng		0.00
	Spiked Amount	125.000	Range	73 - 120		Recovery =	103.60%		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	3.93	85	345308	120.74	ng		97
3)	C010	Chloromethane	4.36	50	637466	118.92	ng		98
4)	C020	Vinyl chloride	4.57	62	330272	120.22	ng		97
5)	C015	Bromomethane	5.18	94	68857	124.31	ng		80
6)	C025	Chloroethane	5.35	64	174718	118.12	ng		92
7)	C275	Trichlorofluorometha	5.76	101	389554	121.97	ng		98
8)	C045	1,1-Dichloroethene	6.57	96	220235	129.55	ng	#	81
9)	C030	Methylene chloride	7.25	84	237762	127.61	ng	#	52
10)	C040	Carbon disulfide	6.95	76	655485	130.10	ng		99
11)	C036	Acrolein	6.45	56	786858	1905.59	ng		96
12)	C038	Acrylonitrile	7.59	53	653292	554.72	ng		98
13)	C035	Acetone	6.66	43	631048	535.77	ng		92
14)	C300	Acetonitrile	7.08	41	2094351	4385.51	ng		99
15)	C276	Iodomethane	6.85	142	219806	111.49	ng	#	80
16)	C291	1,1,2 Trichloro-1,2,	6.49	101	217749	130.40	ng	#	85
17)	C962	T-butyl Methyl Ether	7.53	73	719879	128.12	ng	#	79
18)	C057	trans-1,2-Dichloroet	7.59	96	256458	124.28	ng	#	81
19)	C255	Methyl Acetate	7.06	43	461426	113.71	ng	#	80
20)	C050	1,1-Dichloroethane	8.15	63	601908	140.60	ng		95
21)	C125	Vinyl Acetate	8.11	43	3904582	569.76	ng	#	90
22)	C051	2,2-Dichloropropane	8.86	77	472585	111.12	ng		93
23)	C056	cis-1,2-Dichloroethe	8.88	96	494057	119.83	ng		94
24)	C272	Tetrahydrofuran	9.25	42	1033529	519.20	ng	#	80
25)	C222	Bromochloromethane	9.21	128	234754	119.22	ng	#	87
26)	C060	Chloroform	9.25	83	740596	121.39	ng		98
27)	C115	1,1,1-Trichloroethan	9.50	97	584884	116.37	ng		97
28)	C120	Carbon tetrachloride	9.70	117	405757	111.31	ng		100
29)	C116	1,1-Dichloropropene	9.68	75	589445	125.02	ng		96
32)	C165	Benzene	9.97	78	1781814	120.40	ng		98
33)	C065	1,2-Dichloroethane	10.00	62	741860	122.14	ng		82
34)	C110	2-Butanone	8.85	43	1607548	522.01	ng	#	86
35)	C256	Cyclohexane	9.55	56	1139972	124.29	ng	#	74
36)	C150	Trichloroethene	10.74	95	437082	122.58	ng	#	73
37)	C140	1,2-Dichloropropane	11.05	63	551182	116.70	ng	#	80
38)	C278	Dibromomethane	11.25	93	266050	120.03	ng	#	88

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\081908\Q9590.D Vial: 3
Acq On : 19 Aug 2008 10:43 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 19 13:14:56 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Aug 19 10:29:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA08.M
IS QA File : C:\MSDChem\1\DATA\081908\Q9589.D (19 Aug 2008 9:59)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.40	83	529474	128.72	ng		98
40) C161	2-Chloroethylvinyl E	11.66	63	1560762	536.81	ng	#	86
41) C012	Methylcyclohexane	10.96	83	727461	127.01	ng	#	74
42) C145	cis-1,3-Dichloroprop	11.93	75	686673	122.86	ng		94
45) C230	Toluene	12.36	92	1124777	122.38	ng		94
46) C170	trans-1,3-Dichloropr	12.64	75	591751	117.67	ng		87
47) C284	Ethyl Methacrylate	12.60	69	560996	116.71	ng	#	34
48) C160	1,1,2-Trichloroethan	12.92	83	333889	118.19	ng		87
49) C210	4-Methyl-2-pentanone	12.05	43	3190410	556.07	ng	#	89
50) C220	Tetrachloroethene	13.11	166	515699	128.29	ng		90
51) C221	1,3-Dichloropropane	13.16	76	692655	117.73	ng		95
52) C155	Dibromochloromethane	13.51	129	365783	124.76	ng		100
53) C163	1,2-Dibromoethane	13.71	107	411919	115.97	ng		100
54) C215	2-Hexanone	13.14	43	2163852	545.26	ng		92
55) C235	Chlorobenzene	14.33	112	1248428	123.21	ng		84
56) C281	1,1,1,2-Tetrachloroe	14.41	131	376360	121.16	ng		95
57) C240	Ethylbenzene	14.39	91	2089889	124.24	ng		95
58) C246	m,p-Xylene	14.54	106	1667666	246.02	ng	#	80
59) C247	o-Xylene	15.13	106	828868	123.94	ng	#	76
60) C245	Styrene	15.16	104	1310377	125.59	ng		96
63) C180	Bromoform	15.55	173	232091	107.78	ng		96
64) C966	Isopropylbenzene	15.62	105	1952520	117.97	ng		92
65) C301	Bromobenzene	16.21	156	564612	123.97	ng	#	82
66) C225	1,1,2,2-Tetrachloroe	16.12	83	481892	111.34	ng		96
67) C282	1,2,3-Trichloropropa	16.22	110	129027	100.38	ng		100
68) C283	t-1,4-Dichloro-2-But	16.18	53	976999	501.45	ng	#	74
69) C302	n-Propylbenzene	16.22	91	2502195	124.04	ng		90
70) C303	2-Chlorotoluene	16.44	126	522131	125.53	ng		100
71) C289	4-Chlorotoluene	16.58	126	560919	126.20	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	1737165	125.37	ng	#	47
73) C306	tert-Butylbenzene	16.95	134	397514	127.03	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	1861729	128.13	ng		100
75) C308	sec-Butylbenzene	17.27	105	2282595	135.74	ng		90
76) C260	1,3-Dichlorobenzene	17.56	146	1054299	123.55	ng		97
77) C309	4-Isopropyltoluene	17.45	119	1814513	124.91	ng		96
78) C267	1,4-Dichlorobenzene	17.69	146	1078583	121.54	ng		93
79) C249	1,2-Dichlorobenzene	18.28	146	1025581	123.85	ng		96
80) C310	n-Butylbenzene	18.08	91	1729716	127.86	ng		88
81) C286	1,2-Dibromo-3-Chloro	19.49	75	72524	109.13	ng	#	77
82) C313	1,2,4-Trichlorobenze	20.84	180	812190	132.31	ng		96
83) C316	Hexachlorobutadiene	21.04	225	335910	129.94	ng		96
84) C314	Naphthalene	21.35	128	1617118	128.77	ng		100
85) C934	1,2,3-Trichlorobenze	21.83	180	719583	130.07	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000635-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973S Calibration Dates(s): 08/24/2008 08/24/2008

Heated Purge (Y/N): N Calibration Times: 12:52 15:43

GC Column: ZB-624 ID: 0.18 (mm)

Lab File ID: RRF1 = S7135.RR RRF5 = S7128.RR RRF10 = S7129.RR
RRF25 = S7130.RR RRF50 = S7131.RR RRF100 = S7132.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.601	0.550	0.525	0.532	0.539	0.518	0.5440	5.500
Bromomethane	0.261	0.123	0.133	0.143	0.164	0.166	0.1650	30.200
Vinyl chloride	0.591	0.489	0.473	0.497	0.530	0.488	0.5110	8.500
Chloroethane	0.153	0.142	0.129	0.125	0.122	0.111	0.1300	11.300
Methylene chloride	0.918	0.512	0.460	0.443	0.435	0.401	0.5280	36.800
Acetone	0.107	0.080	0.081	0.085	0.086	0.082	0.0870	11.800
Carbon Disulfide	1.582	1.147	1.152	1.179	1.224	1.146	1.2390	13.800
1,1-Dichloroethene	0.413	0.403	0.395	0.397	0.407	0.387	0.4000	2.300
1,1-Dichloroethane	0.890	0.843	0.812	0.831	0.843	0.800	0.8360	3.700
cis-1,2-Dichloroethene	0.500	0.445	0.436	0.456	0.460	0.438	0.4560	5.200
trans-1,2-Dichloroethene	0.502	0.429	0.420	0.426	0.437	0.412	0.4380	7.500
Chloroform	0.867	0.797	0.800	0.802	0.798	0.754	0.8030	4.500
1,2-Dichloroethane	0.711	0.585	0.584	0.590	0.584	0.567	0.6030	8.800
2-Butanone	0.114	0.097	0.106	0.114	0.118	0.114	0.1100	7.000
1,1,1-Trichloroethane	0.752	0.712	0.721	0.726	0.742	0.706	0.7260	2.400
Carbon Tetrachloride	0.562	0.604	0.572	0.593	0.603	0.586	0.5870	2.900
Bromodichloromethane	0.535	0.507	0.512	0.531	0.542	0.542	0.5280	2.900
1,2-Dichloropropane	0.455	0.430	0.433	0.435	0.437	0.430	0.4370	2.200
cis-1,3-Dichloropropene	0.593	0.532	0.559	0.612	0.629	0.633	0.5930	6.800
Trichloroethene	0.505	0.452	0.447	0.447	0.450	0.442	0.4570	5.200
Dibromochloromethane	0.497	0.492	0.509	0.541	0.546	0.552	0.5230	5.100
1,1,2-Trichloroethane	0.418	0.424	0.418	0.427	0.414	0.409	0.4180	1.600
Benzene	1.932	1.811	1.805	1.798	1.796	1.731	1.8120	3.600
trans-1,3-Dichloropropene	1.003	0.775	0.823	0.922	0.946	0.962	0.9050	9.700
Bromoform	0.226	0.229	0.236	0.261	0.278	0.289	0.2530	10.500
4-Methyl-2-pentanone	0.382	0.382	0.421	0.464	0.462	0.461	0.4280	9.200
2-Hexanone	0.247	0.233	0.274	0.311	0.314	0.318	0.2830	13.000
Tetrachloroethene	0.836	0.773	0.753	0.735	0.724	0.719	0.7570	5.800
1,1,2,2-Tetrachloroethane	0.686	0.654	0.674	0.706	0.701	0.690	0.6850	2.700
Toluene	2.079	2.118	2.077	2.092	2.055	1.985	2.0680	2.200
Chlorobenzene	2.431	2.035	2.007	2.011	1.954	1.917	2.0590	9.100
Ethylbenzene	3.806	3.770	3.855	3.988	3.901	3.848	3.8610	2.000
Styrene	1.826	1.944	2.037	2.182	2.172	2.153	2.0520	7.000
Total Xylenes	1.145	1.190	1.233	1.306	1.324	1.292	1.2480	5.700
1,1,2-Trichloro-1,2,2-trifl	0.442	0.412	0.417	0.426	0.431	0.391	0.4200	4.100
1,2,4-Trichlorobenzene	0.913	0.667	0.702	0.838	0.926	0.935	0.8300	14.300
1,2-Dibromo-3-chloropropane	0.131	0.084	0.096	0.107	0.118	0.122	0.1090	15.900

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000635-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973S Calibration Dates(s): 08/24/2008 08/24/2008

Heated Purge (Y/N): N Calibration Times: 12:52 15:43

GC Column: ZB-624 ID: 0.18 (mm)

Lab File ID: RRF1 = S7135.RR RRF5 = S7128.RR RRF10 = S7129.RR
RRF25 = S7130.RR RRF50 = S7131.RR RRF100 = S7132.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.492	0.420	0.431	0.443	0.449	0.445	0.4470	5.500
1,2-Dichlorobenzene	1.965	1.660	1.602	1.672	1.642	1.598	1.6900	8.200
1,3-Dichlorobenzene	2.322	1.886	1.804	1.844	1.824	1.770	1.9080	10.800
1,4-Dichlorobenzene	2.648	1.852	1.795	1.851	1.839	1.783	1.9610	17.200
Cyclohexane	0.714	0.750	0.821	0.872	0.900	0.855	0.8180	8.900
Dichlorodifluoromethane	0.511	0.487	0.457	0.480	0.507	0.440	0.4800	5.800
Methyl acetate	0.371	0.259	0.278	0.297	0.302	0.289	0.2990	12.800
Trichlorofluoromethane	0.787	0.707	0.676	0.704	0.726	0.636	0.7060	7.100
Methyl-t-Butyl Ether (MTBE)	0.779	0.677	0.750	0.849	0.879	0.845	0.7960	9.500
Isopropylbenzene	3.737	3.930	4.254	4.545	4.720	4.603	4.2980	9.200
Methylcyclohexane	0.687	0.657	0.733	0.787	0.807	0.777	0.7410	8.100
Toluene-D8	3.134	2.757	2.819	2.988	2.933	2.952	2.9310	4.500
p-Bromofluorobenzene	0.889	0.630	0.636	0.731	0.713	0.734	0.7220	13.000
1,2-Dichloroethane-D4	0.591	0.449	0.463	0.497	0.485	0.482	0.4940	10.200

Comments:

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : A8I0000635-SIXPT.M
Title : 8260 5ML WATER
Last Update : Sun Aug 24 16:21:36 2008
Response Via : Initial Calibration

8260 (A8I...0635)

Calibration Files
1 =S7135.D 2 =S7128.D 3 =S7129.D
4 =S7130.D 5 =S7131.D 6 =S7132.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.511	0.487	0.457	0.480	0.507	0.440	0.480	5.82
3)	T	C010	Chloromethane	0.601	0.550	0.525	0.532	0.539	0.517	0.544	5.54
4)	T	C020	Vinyl chlorid	0.591	0.489	0.473	0.497	0.530	0.488	0.511	8.52
5)	T	C015	Bromomethane	0.261	0.123	0.133	0.143	0.164	0.166	-----	
									L	M= 0.168 R=0.998	
										B= -0.012	
6)	T	C025	Chloroethane	0.153	0.142	0.129	0.125	0.122	0.111	0.130	11.29
7)	T	C275	Trichlorofluo	0.787	0.707	0.676	0.704	0.726	0.636	0.706	7.15
8)	T	C045	1,1-Dichloroe	0.413	0.403	0.395	0.397	0.407	0.387	0.400	2.30
9)	T	C030	Methylene chl	0.918	0.512	0.460	0.443	0.434	0.401	-----	
									L	M= 0.398 R=0.999	
										B= 0.035	
10)	T	C040	Carbon disulf	1.582	1.147	1.152	1.179	1.224	1.146	1.239	13.80
11)	T	C036	Acrolein	0.045	0.039	0.041	0.044	0.046	0.044	0.043	5.69
12)	T	C038	Acrylonitrile	0.107	0.089	0.095	0.098	0.100	0.096	0.097	6.10
13)	T	C035	Acetone	0.107	0.080	0.081	0.085	0.086	0.082	0.087	11.81
14)	T	C300	Acetonitrile	0.047	0.032	0.033	0.035	0.035	0.033	-----	
									L	M= 0.033 R=0.999	
										B= 0.040	
15)	T	C276	Iodomethane	0.188	0.337	0.402	0.477	0.504	0.478	-----	
									L	M= 0.487 R=0.999	
										B= -0.014	
16)	T	C291	1,1,2-Trichlo	0.442	0.412	0.417	0.426	0.431	0.391	0.420	4.13
17)	T	C962	T-butyl Methy	0.779	0.677	0.750	0.849	0.879	0.845	0.796	9.51
18)	T	C057	trans-1,2-Dic	0.502	0.429	0.420	0.426	0.437	0.411	0.438	7.48
19)	T	C255	Methyl Acetat	0.371	0.259	0.278	0.297	0.302	0.289	0.299	12.86
20)	T	C050	1,1-Dichloroe	0.889	0.843	0.812	0.831	0.843	0.800	0.836	3.73
21)	T	C125	Vinyl Acetate	0.524	0.484	0.543	0.627	0.649	0.622	0.575	11.63
22)	T	C051	2,2-Dichlorop	0.614	0.524	0.540	0.601	0.616	0.568	0.577	6.78
23)	T	C056	cis-1,2-Dichl	0.500	0.445	0.436	0.456	0.460	0.438	0.456	5.16
24)	T	C272	Tetrahydrofur	0.062	0.051	0.058	0.068	0.071	0.070	0.063	12.13
25)	T	C222	Bromochlorome	0.219	0.167	0.165	0.174	0.173	0.162	0.176	12.03
26)	S	CS87	Dibromofluoro	0.419	0.367	0.364	0.388	0.381	0.375	0.383	5.24
27)	T	C060	Chloroform	0.867	0.797	0.800	0.802	0.798	0.754	0.803	4.53
28)	T	C115	1,1,1-Trichlo	0.752	0.711	0.721	0.726	0.742	0.706	0.726	2.42
29)	T	C120	Carbon tetrac	0.562	0.604	0.572	0.593	0.603	0.586	0.587	2.90
30)	T	C116	1,1-Dichlorop	0.606	0.571	0.586	0.601	0.611	0.597	0.595	2.45
31)	S	CS15	1,2-Dichloroe	0.591	0.449	0.463	0.497	0.485	0.482	0.494	10.19
32)	T	C165	Benzene	1.932	1.811	1.805	1.798	1.796	1.731	1.812	3.62
33)	T	C065	1,2-Dichloroe	0.711	0.585	0.584	0.590	0.584	0.566	0.603	8.84
34)	T	C110	2-Butanone	0.113	0.097	0.106	0.114	0.118	0.114	0.110	6.96
35)	T	C256	Cyclohexane	0.714	0.750	0.821	0.872	0.899	0.855	0.818	8.87
36)	T	C150	Trichloroethe	0.506	0.452	0.447	0.447	0.450	0.442	0.457	5.22
37)	T	C140	1,2-Dichlorop	0.455	0.430	0.433	0.435	0.437	0.430	0.437	2.15
38)	T	C278	Dibromomethan	0.244	0.193	0.191	0.200	0.197	0.194	0.203	9.98
39)	T	C130	Bromodichloro	0.535	0.506	0.512	0.531	0.542	0.542	0.528	2.92
40)	T	C161	2-Chloroethyl	0.143	0.149	0.169	0.187	0.181	0.164	0.166	10.39
41)	T	C012	Methylcyclohe	0.687	0.656	0.733	0.787	0.807	0.777	0.741	8.06
42)	T	C145	cis-1,3-Dichl	0.593	0.532	0.559	0.612	0.629	0.633	0.593	6.79
43)	I	CI20	Chlorobenzene-D	ISTD							
44)	S	CS05	Toluene-D8	3.134	2.757	2.819	2.988	2.933	2.952	2.931	4.51
45)	T	C230	Toluene	2.079	2.118	2.077	2.092	2.055	1.985	2.068	2.19
46)	T	C170	trans-1,3-Dic	1.002	0.774	0.822	0.922	0.946	0.962	0.905	9.70
47)	T	C284	Ethyl Methacr	0.457	0.463	0.553	0.669	0.696	0.719	-----	

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : A8I0000635-SIXPT.M
Title : 8260 5ML WATER
Last Update : Sun Aug 24 16:21:36 2008
Response Via : Initial Calibration

Calibration Files
1 =S7135.D 2 =S7128.D 3 =S7129.D
4 =S7130.D 5 =S7131.D 6 =S7132.D

									L	M= 0.729	R=1.000
										B= -0.051	
48)	T	C160	1,1,2-Trichlo	0.418	0.424	0.418	0.427	0.414	0.409	0.418	1.64
49)	T	C210	4-Methyl-2-pe	0.382	0.382	0.420	0.464	0.462	0.461	0.428	9.20
50)	T	C220	Tetrachloroet	0.836	0.773	0.753	0.735	0.724	0.718	0.757	5.79
51)	T	C221	1,3-Dichlorop	0.980	0.902	0.928	0.943	0.932	0.917	0.934	2.85
52)	T	C155	Dibromochloro	0.497	0.492	0.509	0.541	0.546	0.552	0.523	5.10
53)	T	C163	1,2-Dibromoet	0.492	0.420	0.431	0.443	0.449	0.445	0.447	5.49
54)	T	C215	2-Hexanone	0.247	0.233	0.274	0.311	0.313	0.318	0.283	13.00
55)	T	C235	Chlorobenzene	2.431	2.035	2.007	2.011	1.954	1.917	2.059	9.09
56)	T	C281	1,1,1,2-Tetra	0.626	0.637	0.646	0.664	0.639	0.626	0.640	2.19
57)	T	C240	Ethylbenzene	3.806	3.770	3.855	3.988	3.901	3.847	3.861	1.98
58)	T	C246	m,p-Xylene	1.326	1.399	1.397	1.417	1.392	1.375	1.384	2.28
59)	T	C247	o-Xylene	1.145	1.189	1.233	1.306	1.324	1.292	1.248	5.70
60)	T	C245	Styrene	1.826	1.944	2.037	2.182	2.172	2.153	2.052	7.05
61)	T	C180	Bromoform	0.226	0.229	0.236	0.261	0.278	0.289	0.253	10.52
62)	S	CS10	p-Bromofluoro	0.889	0.629	0.635	0.731	0.712	0.734	0.722	13.04
63)	I	CI30	1,4-Dichloroben	----------	----------	----------	ISTD	----------	----------	----------	
64)	T	C966	Isopropylbenz	3.737	3.930	4.254	4.545	4.720	4.603	4.298	9.22
65)	T	C301	Bromobenzene	1.069	0.873	0.862	0.895	0.920	0.896	0.919	8.27
66)	T	C225	1,1,2,2-Tetra	0.686	0.654	0.674	0.706	0.700	0.690	0.685	2.73
67)	T	C282	1,2,3-Trichlo	0.241	0.210	0.205	0.210	0.207	0.199	0.212	7.02
68)	T	C283	t-1,4-Dichlor	0.178	0.160	0.169	0.180	0.178	0.166	0.172	4.64
69)	T	C302	n-Propylbenze	5.508	5.788	5.974	6.224	6.265	6.084	5.974	4.80
70)	T	C303	2-Chlorotolue	0.998	1.011	1.006	1.032	1.028	0.998	1.012	1.47
71)	T	C289	4-Chlorotolue	1.158	1.050	1.038	1.085	1.064	1.042	1.073	4.19
72)	T	C304	1,3,5-Trimeth	3.265	3.607	3.750	3.891	3.921	3.827	3.710	6.62
73)	T	C306	tert-Butylben	0.641	0.669	0.714	0.782	0.811	0.794	0.735	9.64
74)	T	C307	1,2,4-Trimeth	3.106	3.588	3.627	3.874	3.872	3.771	3.640	7.91
75)	T	C308	sec-Butylbenz	3.706	3.965	4.159	4.517	4.607	4.555	4.252	8.65
76)	T	C260	1,3-Dichlorob	2.321	1.886	1.804	1.844	1.824	1.770	1.908	10.81
77)	T	C309	4-Isopropylto	3.035	3.358	3.651	3.965	4.055	4.016	3.680	11.24
78)	T	C267	1,4-Dichlorob	2.648	1.852	1.795	1.851	1.839	1.783	-----	
									L	M= 1.783	R=1.000
										B= 0.043	
79)	T	C249	1,2-Dichlorob	1.965	1.660	1.602	1.672	1.642	1.598	1.690	8.17
80)	T	C310	n-Butylbenzen	3.117	3.031	3.339	3.760	3.886	3.883	3.503	11.10
81)	T	C286	1,2-Dibromo-3	0.130	0.084	0.095	0.107	0.117	0.121	-----	
									L	M= 0.123	R=0.999
										B= -0.009	
82)	T	C313	1,2,4-Trichlo	0.913	0.667	0.702	0.838	0.926	0.935	0.830	14.27
83)	T	C316	Hexachlorobut	0.786	0.415	0.405	0.437	0.468	0.469	-----	
									L	M= 0.472	R=0.999
										B= -0.016	
84)	T	C314	Naphthalene	1.351	0.857	1.078	1.472	1.658	1.723	-----	
									L	M= 1.760	R=0.998
										B= -0.200	
85)	T	C934	1,2,3-Trichlo	0.887	0.556	0.604	0.719	0.761	0.760	-----	
									L	M= 0.770	R=1.000
										B= -0.037	

Total Average %RSD 7.04

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000635-SIXPT.M Sun Aug 24 17:21:06 2008 HP5973S

Date: 08/25/2008 ICC Profile Page: 1
Time: 22:37:33 Rept: AN0287R

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D
Fraction: MV

No of Points: 6 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/31/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
2	123-91-1	1,4-Dioxane	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	25.0000	50.0000	125.0000	125.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000	0.0000
150	75-00-3	Chloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Date: 08/25/2008 ICC Profile Page: 2
Time: 22:37:33 Rept: AN0287R

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
201	110-54-3	Hexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	75.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

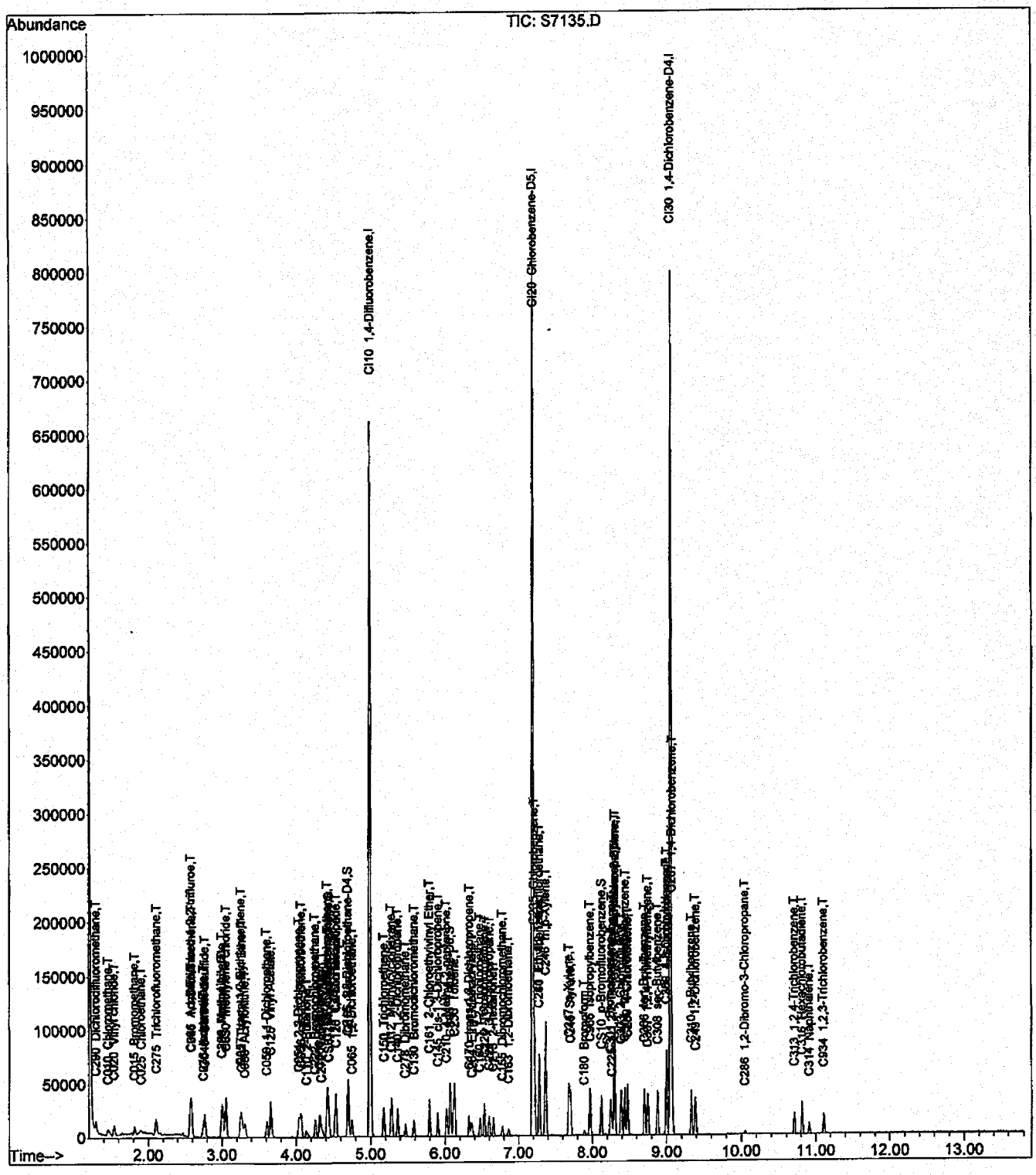
ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
670	SU106-46-7 1,4-Dichlorobenzene-D4	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
680	3114-55-4 Chlorobenzene-D5	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
690	540-36-3 1,4-Difluorobenzene	125.0000	125.0000	125.0000	125.0000	125.0000	0.0000
700	462-06-6 Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4 Methyl-t-Butyl Ether (MTBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4 Dichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3 Dibromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8 Acrolein	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
820	76-13-1 1,1,2-Trichloro-1,2,2-trifluor	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1 Acrylonitrile	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6 Methyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0 1,2-Dichloroethene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE m/p-Xylenes	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6 o-Xylene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4 Vinyl acetate	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8 2-Chloroethylvinyl ether	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6 trans-1,4-Dichloro-2-butene	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4 Iodomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2 Ethyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6 Chlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5 1-Chlorohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0 1,3-Butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8 Acetonitrile	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7 Ethyl ether	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3 m-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3 p-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6 1,3-Dichloropropene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5 Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000	0.0000
982	141-78-6 Ethyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1 3-Chloropropene (Allyl Chlor.)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8 2-Chloro-1,3-butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC Bis(chloromethyl) ether (VOA T	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7135.D Vial: 10
Acq On : 24 Aug 2008 15:43 Operator: ND
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 16:19:46 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 15:25:25 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7135.D Vial: 10
Acq On : 24 Aug 2008 15:43 Operator: ND
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 16:19:46 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 15:25:25 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	372102	125.00	ng	0.00 101.33%
43) CI20	Chlorobenzene-D5	7.19	82	205120	125.00	ng	0.00 101.61%
63) CI30	1,4-Dichlorobenzene-	9.06	152	152930	125.00	ng	0.00 97.79%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	6239	5.47	NG	0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	4.38%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	8798	5.96	ng	0.00
Spiked Amount	125.000 Range	66 - 137		Recovery =	4.77%#		
44) CS05	Toluene-D8	6.07	98	25710	5.31	ng	0.00
Spiked Amount	125.000 Range	71 - 126		Recovery =	4.25%#		
62) CS10	p-Bromofluorobenzene	8.12	174	7295	6.11	ng	0.00
Spiked Amount	125.000 Range	73 - 120		Recovery =	4.89%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	7606	5.26	ng	# 100
3) C010	Chloromethane	1.46	50	8948	5.43	ng	99
4) C020	Vinyl chloride	1.54	62	8798	5.86	ng	86
5) C015	Bromomethane	1.82	94	3881	7.60	ng	84
6) C025	Chloroethane	1.90	64	2271	5.83	ng	100
7) C275	Trichlorofluorometha	2.11	101	11716	5.55	ng	96
8) C045	1,1-Dichloroethene	2.59	96	6145	5.16	ng	86
9) C030	Methylene chloride	3.06	84	13659	8.65	ng	96
10) C040	Carbon disulfide	2.77	76	23549	6.26	ng	94
11) C036	Acrolein	2.57	56	13366	103.61	ng	96
12) C038	Acrylonitrile	3.31	53	7968	27.30	ng	90
13) C035	Acetone	2.74	43	7988	30.67	ng	93
14) C300	Acetonitrile	3.00	41	27834	249.11	ng	93
15) C276	Iodomethane	2.74	142	2796m	2.38	ng	100
16) C291	1,1,2-Trichloro-1,2,	2.57	101	6574	5.22	ng	88
17) C962	T-butyl Methyl Ether	3.27	73	11596	4.87	ng	95
18) C057	trans-1,2-Dichloroet	3.25	96	7471	5.74	ng	99
19) C255	Methyl Acetate	3.00	43	5524	6.06	ng	# 85
20) C050	1,1-Dichloroethane	3.60	63	13239	5.36	ng	98
21) C125	Vinyl Acetate	3.66	43	39023	22.73	ng	97
22) C051	2,2-Dichloropropane	4.04	77	9137	5.36	ng	95
23) C056	cis-1,2-Dichloroethe	4.07	96	7440	5.51	ng	86
24) C272	Tetrahydrofuran	4.35	42	4608	23.92	ng	91
25) C222	Bromochloromethane	4.26	128	3253	6.37	ng	# 80
27) C060	Chloroform	4.32	83	12910	5.41	ng	94
28) C115	1,1,1-Trichloroethan	4.41	97	11187	5.19	ng	90
29) C120	Carbon tetrachloride	4.53	117	8364	4.77	ng	93
30) C116	1,1-Dichloropropene	4.54	75	9016	5.13	ng	95
32) C165	Benzene	4.70	78	28760	5.32	ng	96
33) C065	1,2-Dichloroethane	4.75	62	10582	5.95	ng	98
34) C110	2-Butanone	4.13	43	8444	25.20	ng	97
35) C256	Cyclohexane	4.43	56	10623	4.26	ng	98
36) C150	Trichloroethene	5.18	95	7524	5.58	ng	# 75
37) C140	1,2-Dichloropropane	5.36	63	6775	5.22	ng	86
38) C278	Dibromomethane	5.47	93	3636	5.99	ng	# 81

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7135.D Vial: 10
Acq On : 24 Aug 2008 15:43 Operator: ND
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 16:19:46 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 15:25:25 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	7962	5.03	ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	10655	21.30	ng		96
41) C012	Methylcyclohexane	5.28	83	10224	4.57	ng		88
42) C145	cis-1,3-Dichloroprop	5.90	75	8832	5.00	ng		97
45) C230	Toluene	6.13	92	17058	5.03	ng		95
46) C170	trans-1,3-Dichloropr	6.33	75	8225	5.61	ng		96
47) C284	Ethyl Methacrylate	6.37	69	3746	3.88	ng	#	97
48) C160	1,1,2-Trichloroethan	6.48	83	3430	4.95	ng		95
49) C210	4-Methyl-2-pentanone	6.02	43	15679	21.94	ng		96
50) C220	Tetrachloroethene	6.53	166	6862	5.53	ng		96
51) C221	1,3-Dichloropropane	6.60	76	8041	5.24	ng		100
52) C155	Dibromochloromethane	6.78	129	4078	4.78	ng		93
53) C163	1,2-Dibromoethane	6.86	107	4036	5.55	ng		97
54) C215	2-Hexanone	6.65	43	10124	21.57	ng		97
55) C235	Chlorobenzene	7.22	112	19947	5.97	ng		93
56) C281	1,1,1,2-Tetrachloroe	7.29	131	5139	4.84	ng		88
57) C240	Ethylbenzene	7.28	91	31226	4.93	ng		93
58) C246	m,p-Xylene	7.37	106	21756	9.57	ng	#	83
59) C247	o-Xylene	7.69	106	9397	4.56	ng		91
60) C245	Styrene	7.71	104	14983	4.48	ng		92
61) C180	Bromoform	7.90	173	1856	4.47	ng		93
64) C966	Isopropylbenzene	7.97	105	22857	4.30	ng		95
65) C301	Bromobenzene	8.25	156	6537	5.85	ng	#	76
66) C225	1,1,2,2-Tetrachloroe	8.27	83	4194	4.92	ng		80
67) C282	1,2,3-Trichloropropa	8.30	110	1475	5.66	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	5433	25.64	ng	#	27
69) C302	n-Propylbenzene	8.30	91	33695	4.60	ng		84
70) C303	2-Chlorotoluene	8.39	126	6103	4.93	ng		100
71) C289	4-Chlorotoluene	8.48	126	7082	5.43	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	19971	4.37	ng		96
73) C306	tert-Butylbenzene	8.70	134	3922	4.33	ng	#	80
74) C307	1,2,4-Trimethylbenze	8.75	105	18998	4.24	ng		93
75) C308	sec-Butylbenzene	8.88	105	22672	4.31	ng		89
76) C260	1,3-Dichlorobenzene	9.00	146	14201	6.06	ng		94
77) C309	4-Isopropyltoluene	9.00	119	18568	4.08	ng		95
78) C267	1,4-Dichlorobenzene	9.08	146	16196	6.76	ng		93
79) C249	1,2-Dichlorobenzene	9.39	146	12020	5.76	ng		91
80) C310	n-Butylbenzene	9.34	91	19069	4.41	ng		88
81) C286	1,2-Dibromo-3-Chloro	10.05	75	798	6.13	ng	#	34
82) C313	1,2,4-Trichlorobenze	10.71	180	5585	5.28	ng		99
83) C316	Hexachlorobutadiene	10.82	225	4810	6.90	ng		95
84) C314	Naphthalene	10.91	128	8265	4.85	ng		94
85) C934	1,2,3-Trichlorobenze	11.11	180	5425	5.85	ng		97

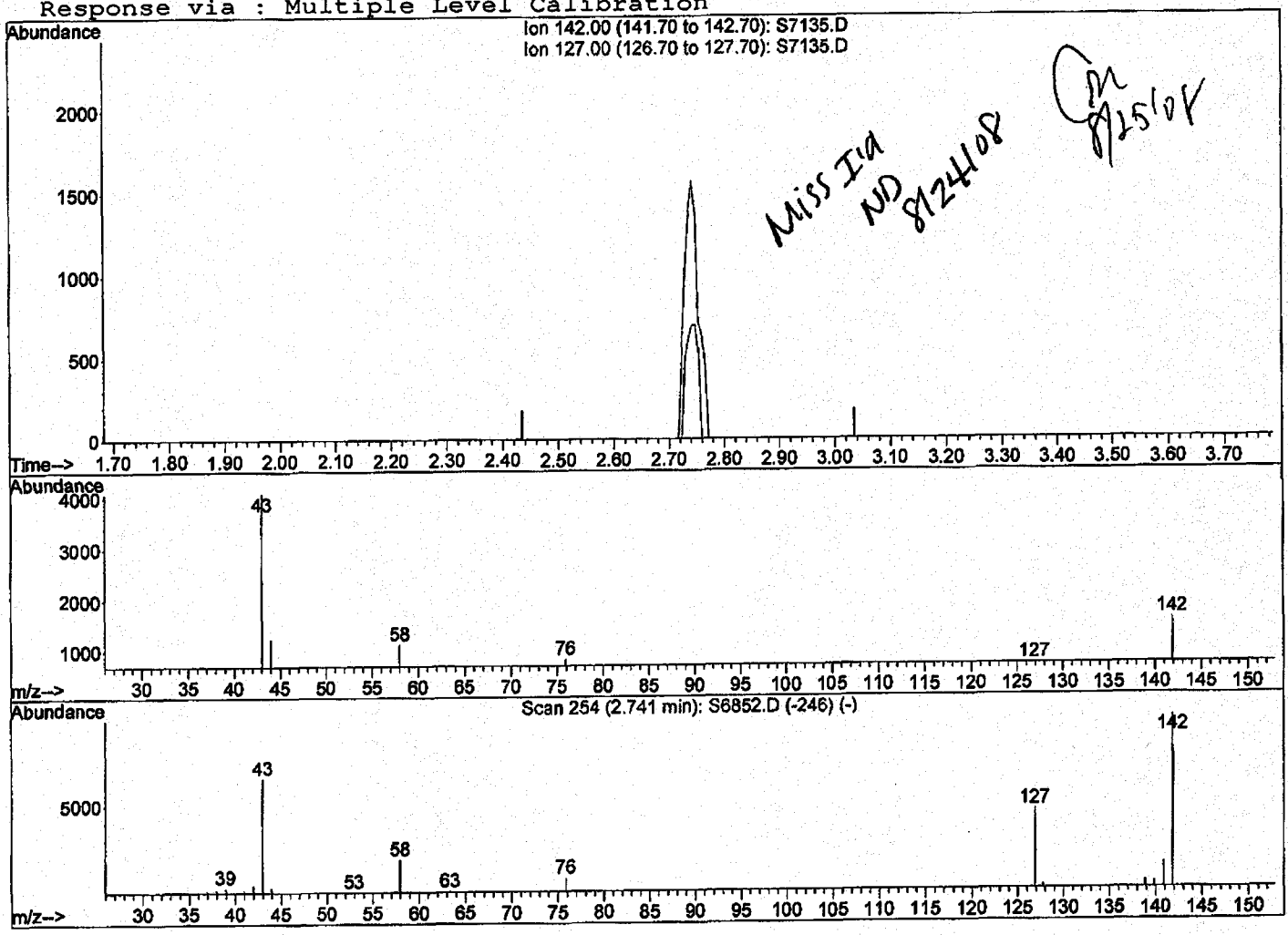
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\082408\S7135.D
Acq On : 24 Aug 2008 15:43
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 24 16:19:26 2008

Vial: 10
Operator: ND
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 15:25:25 2008
Response via : Multiple Level Calibration



TIC: S7135.D

(15) C276 Iodomethane (T)

2.73min (+0.006) 0.00ng d

response 0

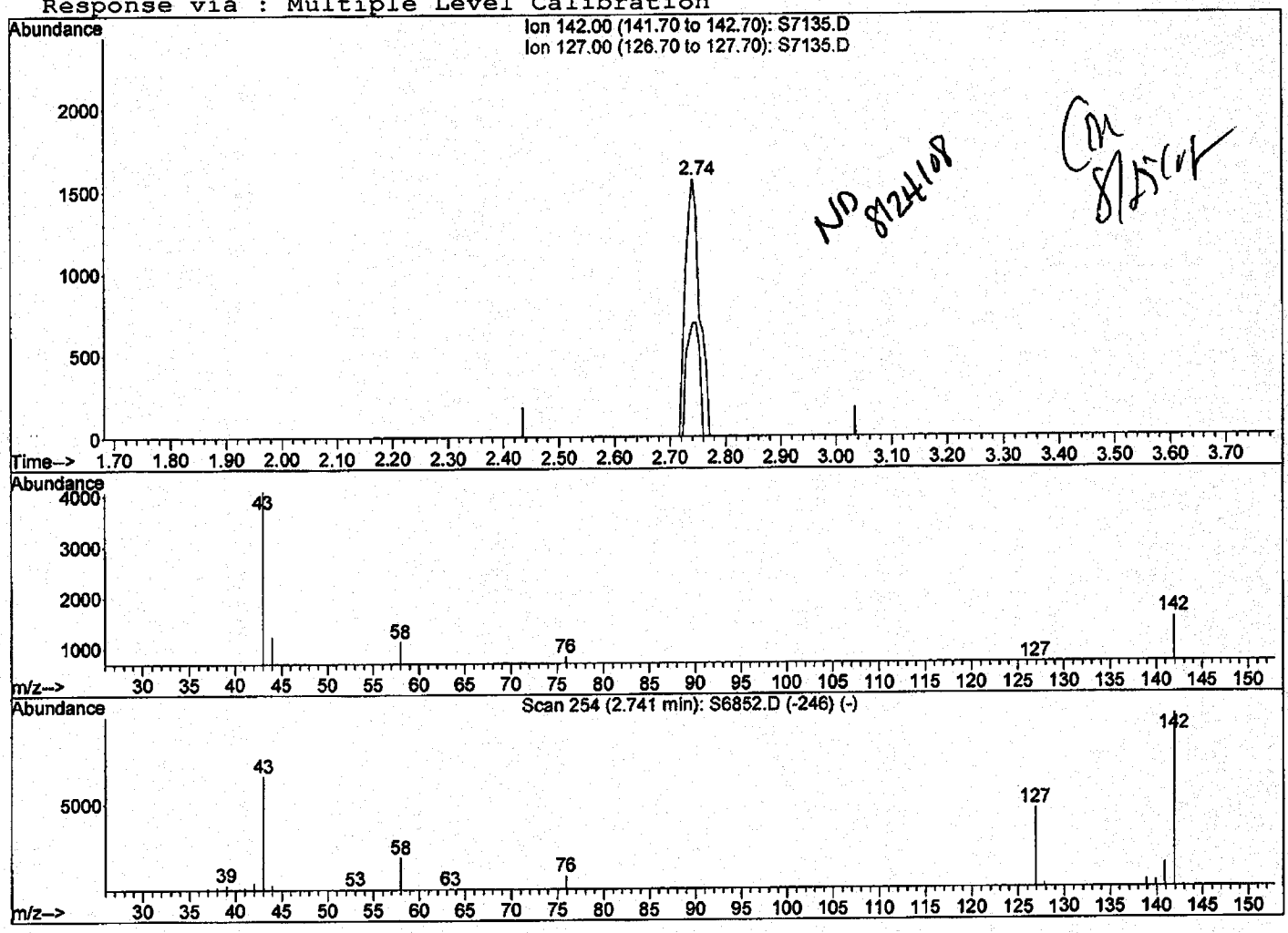
Ion	Exp%	Act%
142.00	100	100
127.00	39.50	39.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\082408\S7135.D
Acq On : 24 Aug 2008 15:43
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Aug 24 16:19:26 2008

Vial: 10
Operator: ND
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 15:25:25 2008
Response via : Multiple Level Calibration



TIC: S7135.D

(15) C276 Iodomethane (T)

2.74min (+0.006) 2.38ng m

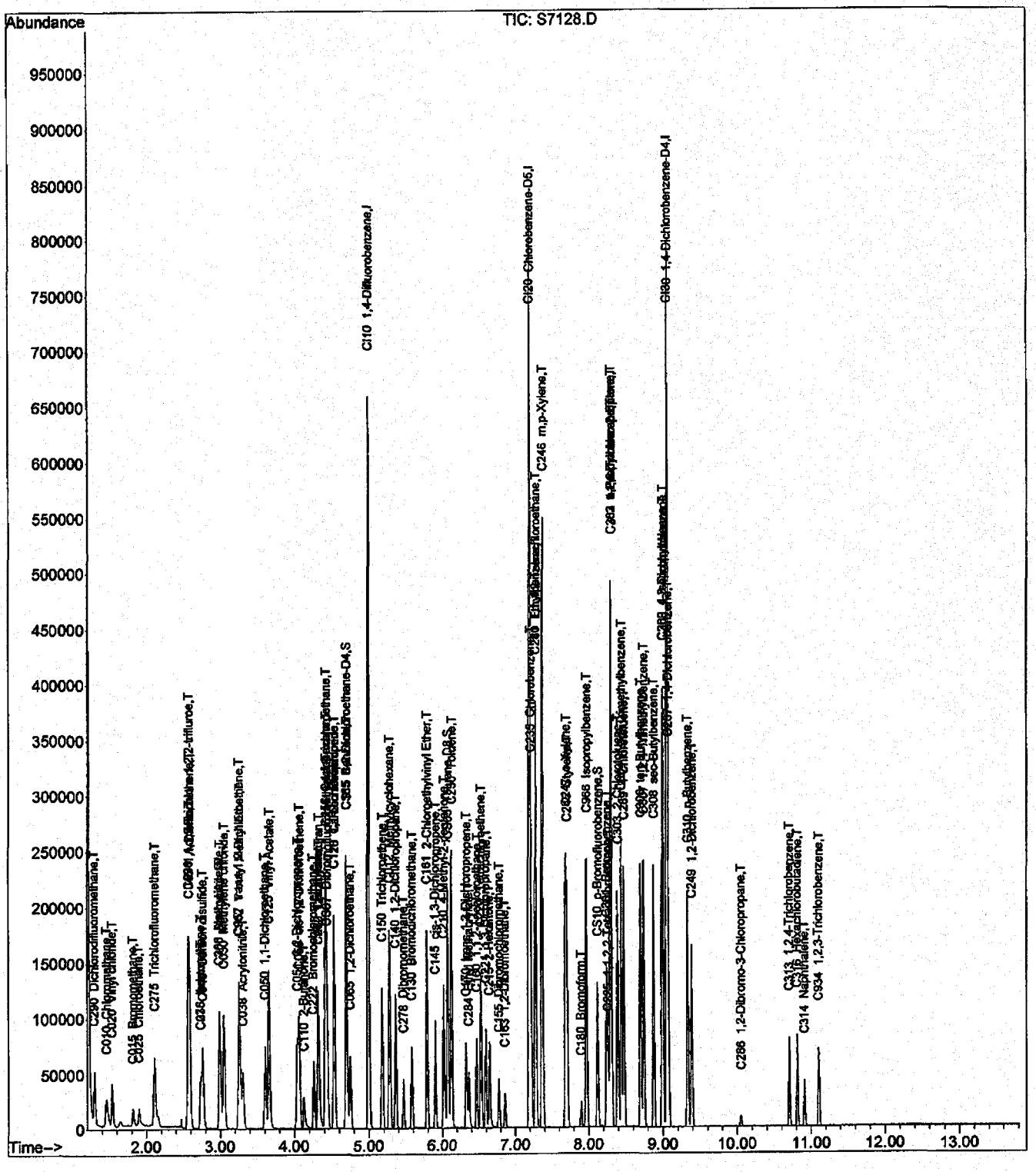
response 2796

Ion	Exp%	Act%
142.00	100	100
127.00	39.50	39.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7128.D Vial: 3
Acq On : 24 Aug 2008 12:52 Operator: ND
Sample : VSTD005 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 14:32:24 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7128.D Vial: 3
Acq On : 24 Aug 2008 12:52 Operator: ND
Sample : VSTD005 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:32:24 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	362263	125.00	ng	0.00 98.65%
43) CI20	Chlorobenzene-D5	7.19	82	196964	125.00	ng	0.00 97.57%
63) CI30	1,4-Dichlorobenzene-	9.06	152	153057	125.00	ng	0.00 97.87%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	26613	24.72	NG	0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	19.78%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	32525	22.56	ng	0.00
Spiked Amount	125.000 Range	66 - 137		Recovery =	18.05%#		
44) CS05	Toluene-D8	6.07	98	108613	23.54	ng	0.00
Spiked Amount	125.000 Range	71 - 126		Recovery =	18.83%#		
62) CS10	p-Bromofluorobenzene	8.12	174	24797	22.06	ng	0.00
Spiked Amount	125.000 Range	73 - 120		Recovery =	17.65%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	35274	29.10	ng	# 100
3) C010	Chloromethane	1.46	50	39843	28.33	ng	99
4) C020	Vinyl chloride	1.54	62	35433	27.30	ng	87
5) C015	Bromomethane	1.82	94	8944	19.15	ng	81
6) C025	Chloroethane	1.90	64	10262	26.93	ng	97
7) C275	Trichlorofluorometha	2.11	101	51211	28.79	ng	98
8) C045	1,1-Dichloroethene	2.59	96	29196	27.65	ng	92
9) C030	Methylene chloride	3.05	84	37111	22.66	ng	90
10) C040	Carbon disulfide	2.77	76	83130	26.53	ng	100
11) C036	Acrolein	2.57	56	56805	440.15	ng	98
12) C038	Acrylonitrile	3.31	53	32303	113.42	ng	94
13) C035	Acetone	2.73	43	29035	122.13	ng	98
14) C300	Acetonitrile	2.99	41	94007	938.76	ng	97
15) C276	Iodomethane	2.74	142	24381	22.35	ng	94
16) C291	1,1,2-Trichloro-1,2,	2.58	101	29859	27.95	ng	89
17) C962	T-butyl Methyl Ether	3.26	73	49045	19.83	ng	90
18) C057	trans-1,2-Dichloroet	3.25	96	31068	25.90	ng	93
19) C255	Methyl Acetate	2.98	43	18751	22.05	ng	97
20) C050	1,1-Dichloroethane	3.60	63	61098	26.33	ng	98
21) C125	Vinyl Acetate	3.66	43	175276	99.61	ng	100
22) C051	2,2-Dichloropropane	4.04	77	37997	22.51	ng	90
23) C056	cis-1,2-Dichloroethe	4.07	96	32269	25.27	ng	95
24) C272	Tetrahydrofuran	4.32	42	18514	94.64	ng	97
25) C222	Bromochloromethane	4.26	128	12064	25.18	ng	86
27) C060	Chloroform	4.32	83	57756	25.64	ng	100
28) C115	1,1,1-Trichloroethan	4.42	97	51548	25.77	ng	97
29) C120	Carbon tetrachloride	4.53	117	43762	27.54	ng	100
30) C116	1,1-Dichloropropene	4.54	75	41372	24.91	ng	99
32) C165	Benzene	4.70	78	131236	25.64	ng	97
33) C065	1,2-Dichloroethane	4.75	62	42396	24.47	ng	98
34) C110	2-Butanone	4.13	43	35039	109.73	ng	100
35) C256	Cyclohexane	4.43	56	54354	24.64	ng	95
36) C150	Trichloroethene	5.18	95	32769	25.71	ng	85
37) C140	1,2-Dichloropropane	5.36	63	31171	25.06	ng	100
38) C278	Dibromomethane	5.47	93	14016	24.41	ng	# 82

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7128.D Vial: 3
Acq On : 24 Aug 2008 12:52 Operator: ND
Sample : VSTD005 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:32:24 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

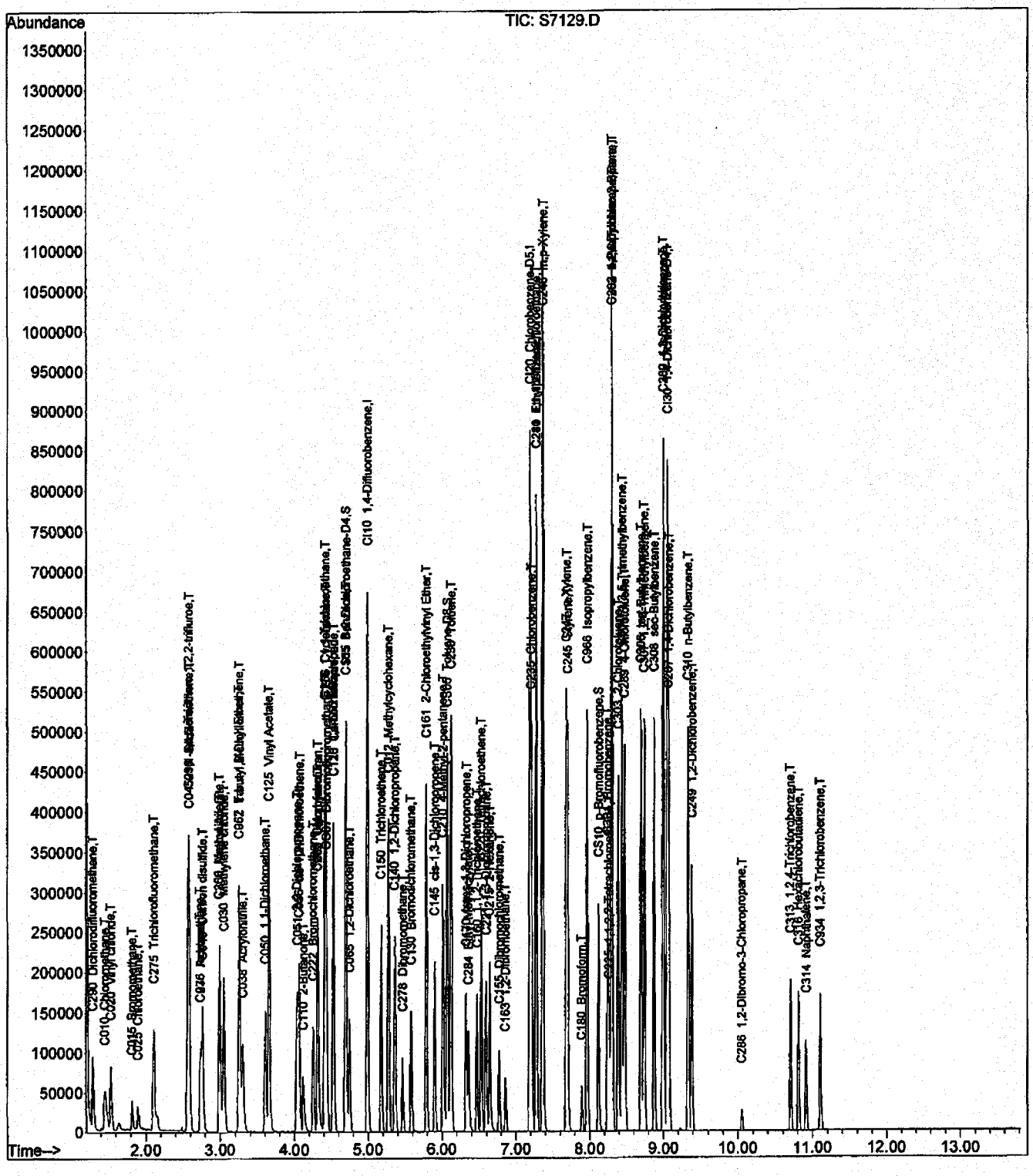
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	36696	24.22	ng		97
40) C161	2-Chloroethylvinyl E	5.79	63	54124	104.71	ng		98
41) C012	Methylcyclohexane	5.28	83	47562	23.75	ng		90
42) C145	cis-1,3-Dichloroprop	5.90	75	38551	22.36	ng		95
45) C230	Toluene	6.13	92	83425	26.01	ng		96
46) C170	trans-1,3-Dichloropr	6.33	75	30508	21.48	ng		97
47) C284	Ethyl Methacrylate	6.36	69	18223	18.33	ng	#	97
48) C160	1,1,2-Trichloroethan	6.48	83	16714	25.08	ng		94
49) C210	4-Methyl-2-pentanone	6.02	43	75190	107.26	ng		96
50) C220	Tetrachloroethene	6.54	166	30433	26.58	ng		96
51) C221	1,3-Dichloropropane	6.60	76	35542	23.73	ng		97
52) C155	Dibromochloromethane	6.78	129	19380	23.56	ng		97
53) C163	1,2-Dibromoethane	6.86	107	16561	23.12	ng		95
54) C215	2-Hexanone	6.65	43	45966	101.65	ng		94
55) C235	Chlorobenzene	7.22	112	80152	25.30	ng		93
56) C281	1,1,1,2-Tetrachloroe	7.29	131	25101	25.48	ng		98
57) C240	Ethylbenzene	7.28	91	148502	24.79	ng		94
58) C246	m,p-Xylene	7.37	106	110211	51.38	ng		89
59) C247	o-Xylene	7.69	106	46857	23.80	ng		89
60) C245	Styrene	7.71	104	76568	24.06	ng		95
61) C180	Bromoform	7.90	173	9020	22.57	ng		96
64) C966	Isopropylbenzene	7.97	105	120288	22.18	ng		98
65) C301	Bromobenzene	8.25	156	26730	23.59	ng	#	74
66) C225	1,1,2,2-Tetrachloroe	8.27	83	20029	23.29	ng		98
67) C282	1,2,3-Trichloropropa	8.30	110	6424	24.36	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	24473	116.40	ng	#	26
69) C302	n-Propylbenzene	8.30	91	177183	24.06	ng		89
70) C303	2-Chlorotoluene	8.39	126	30950	24.94	ng		100
71) C289	4-Chlorotoluene	8.48	126	32130	24.82	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	110407	23.85	ng		96
73) C306	tert-Butylbenzene	8.70	134	20471	22.38	ng	#	67
74) C307	1,2,4-Trimethylbenze	8.75	105	109842	24.36	ng		94
75) C308	sec-Butylbenzene	8.88	105	121389	22.95	ng		94
76) C260	1,3-Dichlorobenzene	9.00	146	57744	25.03	ng		94
77) C309	4-Isopropyltoluene	8.99	119	102778	22.02	ng		92
78) C267	1,4-Dichlorobenzene	9.08	146	56703	24.10	ng		92
79) C249	1,2-Dichlorobenzene	9.39	146	50812	24.38	ng		93
80) C310	n-Butylbenzene	9.34	91	92772	20.88	ng		88
81) C286	1,2-Dibromo-3-Chloro	10.05	75	2566	19.47	ng	#	66
82) C313	1,2,4-Trichlorobenze	10.71	180	20412	18.44	ng		94
83) C316	Hexachlorobutadiene	10.81	225	12695	22.02	ng		94
84) C314	Naphthalene	10.92	128	26242	14.52	ng		96
85) C934	1,2,3-Trichlorobenze	11.11	180	17011	18.64	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7129.D Vial: 4
Acq On : 24 Aug 2008 13:15 Operator: ND
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 14:32:36 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7129.D Vial: 4
Acq On : 24 Aug 2008 13:15 Operator: ND
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:32:36 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	374456	125.00	ng	0.00 101.97%
43) CI20	Chlorobenzene-D5	7.19	82	205950	125.00	ng	0.00 102.02%
63) CI30	1,4-Dichlorobenzene-	9.06	152	159873	125.00	ng	0.00 102.23%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	54495	48.98	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	39.18%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	69296	46.49	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	37.19%#		
44) CS05	Toluene-D8	6.07	98	232225	48.14	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	38.51%#		
62) CS10	p-Bromofluorobenzene	8.12	174	52349	44.53	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	35.62%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	68408	54.59	ng	# 100
3) C010	Chloromethane	1.46	50	78651	54.11	ng	100
4) C020	Vinyl chloride	1.54	62	70785	52.76	ng	86
5) C015	Bromomethane	1.82	94	19867	41.14	ng	79
6) C025	Chloroethane	1.90	64	19379	49.21	ng	92
7) C275	Trichlorofluorometha	2.11	101	101255	55.08	ng	97
8) C045	1,1-Dichloroethene	2.59	96	59221	54.27	ng	90
9) C030	Methylene chloride	3.05	84	68959	40.74	ng	94
10) C040	Carbon disulfide	2.77	76	172611	53.30	ng	98
11) C036	Acrolein	2.57	56	123438	925.31	ng	96
12) C038	Acrylonitrile	3.31	53	71132	241.63	ng	94
13) C035	Acetone	2.73	43	60617	246.67	ng	96
14) C300	Acetonitrile	2.99	41	199922	1931.43	ng	100
15) C276	Iodomethane	2.73	142	60210	53.41	ng	91
16) C291	1,1,2-Trichloro-1,2,	2.57	101	62526	56.63	ng	89
17) C962	T-butyl Methyl Ether	3.26	73	112313	43.92	ng	92
18) C057	trans-1,2-Dichloroet	3.25	96	62906	50.73	ng	96
19) C255	Methyl Acetate	2.98	43	41593	47.31	ng	96
20) C050	1,1-Dichloroethane	3.60	63	121620	50.70	ng	97
21) C125	Vinyl Acetate	3.65	43	406623	223.56	ng	99
22) C051	2,2-Dichloropropane	4.04	77	80871	46.35	ng	89
23) C056	cis-1,2-Dichloroethe	4.07	96	65303	49.46	ng	94
24) C272	Tetrahydrofuran	4.32	42	43803	216.62	ng	88
25) C222	Bromochloromethane	4.26	128	24643	49.75	ng	88
27) C060	Chloroform	4.32	83	119876	51.49	ng	98
28) C115	1,1,1-Trichloroethan	4.41	97	107954	52.21	ng	96
29) C120	Carbon tetrachloride	4.53	117	85649	52.14	ng	98
30) C116	1,1-Dichloropropene	4.54	75	87721	51.09	ng	97
32) C165	Benzene	4.70	78	270297	51.10	ng	99
33) C065	1,2-Dichloroethane	4.75	62	87426	48.82	ng	97
34) C110	2-Butanone	4.12	43	79297	240.23	ng	97
35) C256	Cyclohexane	4.43	56	122952	53.92	ng	94
36) C150	Trichloroethene	5.18	95	66996	50.85	ng	85
37) C140	1,2-Dichloropropane	5.36	63	64845	50.44	ng	98
38) C278	Dibromomethane	5.47	93	28674	48.32	ng	# 79

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7129.D Vial: 4
Acq On : 24 Aug 2008 13:15 Operator: ND
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:32:36 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

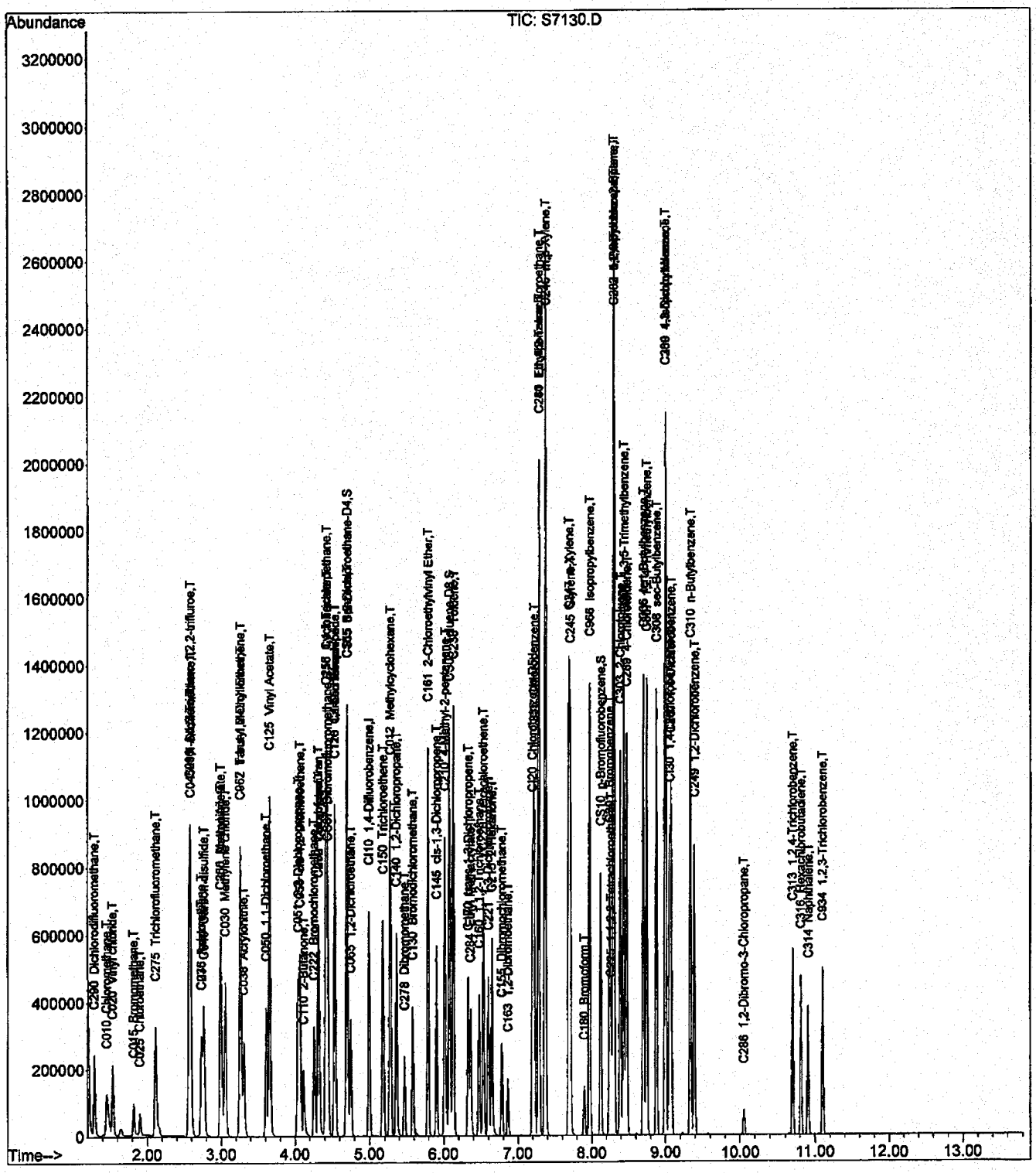
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	76624	48.93	ng		97
40) C161	2-Chloroethylvinyl E	5.79	63	126667	237.08	ng		98
41) C012	Methylcyclohexane	5.28	83	109751	53.02	ng		91
42) C145	cis-1,3-Dichloroprop	5.90	75	83676	46.95	ng		99
45) C230	Toluene	6.13	92	171106	51.01	ng		91
46) C170	trans-1,3-Dichloropr	6.33	75	67756	45.62	ng		99
47) C284	Ethyl Methacrylate	6.36	69	45573	43.83	ng	#	98
48) C160	1,1,2-Trichloroethan	6.48	83	34455	49.44	ng		97
49) C210	4-Methyl-2-pentanone	6.01	43	173196	236.29	ng		98
50) C220	Tetrachloroethene	6.53	166	61992	51.78	ng		92
51) C221	1,3-Dichloropropane	6.60	76	76461	48.82	ng		100
52) C155	Dibromochloromethane	6.78	129	41913	48.72	ng		97
53) C163	1,2-Dibromoethane	6.86	107	35483	47.37	ng		98
54) C215	2-Hexanone	6.65	43	112888	238.76	ng		98
55) C235	Chlorobenzene	7.22	112	165352	49.92	ng		95
56) C281	1,1,1,2-Tetrachloroe	7.29	131	53248	51.70	ng		99
57) C240	Ethylbenzene	7.28	91	317548	50.70	ng		96
58) C246	m,p-Xylene	7.37	106	230143	102.61	ng		85
59) C247	o-Xylene	7.69	106	101552	49.32	ng		87
60) C245	Styrene	7.71	104	167779	50.42	ng		91
61) C180	Bromoform	7.90	173	19416	46.46	ng		99
64) C966	Isopropylbenzene	7.97	105	272036	48.03	ng		96
65) C301	Bromobenzene	8.25	156	55126	46.58	ng	#	75
66) C225	1,1,2,2-Tetrachloroe	8.27	83	43122	48.01	ng		98
67) C282	1,2,3-Trichloropropa	8.30	110	13132	47.68	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	53896	245.41	ng	#	29
69) C302	n-Propylbenzene	8.30	91	382057	49.67	ng		90
70) C303	2-Chlorotoluene	8.39	126	64316	49.61	ng		100
71) C289	4-Chlorotoluene	8.48	126	66389	49.09	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	239824	49.60	ng		94
73) C306	tert-Butylbenzene	8.70	134	45665	47.80	ng	#	70
74) C307	1,2,4-Trimethylbenze	8.75	105	231956	49.26	ng		95
75) C308	sec-Butylbenzene	8.88	105	265987	48.15	ng		94
76) C260	1,3-Dichlorobenzene	9.00	146	115378	47.87	ng		95
77) C309	4-Isopropyltoluene	8.99	119	233452	47.88	ng		93
78) C267	1,4-Dichlorobenzene	9.08	146	114783	46.71	ng		95
79) C249	1,2-Dichlorobenzene	9.39	146	102460	47.07	ng		94
80) C310	n-Butylbenzene	9.34	91	213534	46.01	ng		90
81) C286	1,2-Dibromo-3-Chloro	10.05	75	6104	44.35	ng	#	60
82) C313	1,2,4-Trichlorobenze	10.71	180	44889	38.82	ng		99
83) C316	Hexachlorobutadiene	10.82	225	25920	43.04	ng		99
84) C314	Naphthalene	10.92	128	68942	36.52	ng		95
85) C934	1,2,3-Trichlorobenze	11.11	180	38618	40.51	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7130.D Vial: 5
Acq On : 24 Aug 2008 13:38 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 14:30:32 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:30:20 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7130.D Vial: 5
Acq On : 24 Aug 2008 13:38 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:30:32 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:30:20 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	367232	125.00	ng	0.00 100.00%
43) CI20	Chlorobenzene-D5	7.19	82	201872	125.00	ng	0.00 100.00%
63) CI30	1,4-Dichlorobenzene-	9.06	152	156384	125.00	ng	0.00 100.00%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	142614	130.69	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	104.55%	
31) CS15	1,2-Dichloroethane-D	4.69	65	182626	134.26	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	107.41%	
44) CS05	Toluene-D8	6.07	98	603189	127.56	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	102.05%	
62) CS10	p-Bromofluorobenzene	8.12	174	147584	128.09	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	102.47%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	176400	143.54	ng	# 100
3) C010	Chloromethane	1.46	50	195269	136.97	ng	99
4) C020	Vinyl chloride	1.54	62	182366	138.59	ng	88
5) C015	Bromomethane	1.82	94	52661	111.20	ng	87
6) C025	Chloroethane	1.90	64	45893	118.82	ng	90
7) C275	Trichlorofluorometha	2.11	101	258426	143.34	ng	99
8) C045	1,1-Dichloroethene	2.59	96	145718	136.15	ng	93
9) C030	Methylene chloride	3.05	84	162570	133.34	ng	96
10) C040	Carbon disulfide	2.77	76	433120	136.37	ng	99
11) C036	Acrolein	2.57	56	323304	2471.22	ng	97
12) C038	Acrylonitrile	3.31	53	179371	621.29	ng	91
13) C035	Acetone	2.73	43	156524	649.47	ng	96
14) C300	Acetonitrile	2.99	41	510662	5030.51	ng	99
15) C276	Iodomethane	2.73	142	175346	135.64	ng	90
16) C291	1,1,2-Trichloro-1,2,	2.57	101	156431	144.47	ng	87
17) C962	T-butyl Methyl Ether	3.26	73	311733	124.31	ng	92
18) C057	trans-1,2-Dichloroet	3.25	96	156355	128.58	ng	93
19) C255	Methyl Acetate	2.98	43	109043	126.47	ng	99
20) C050	1,1-Dichloroethane	3.60	63	305317	129.78	ng	99
21) C125	Vinyl Acetate	3.65	43	1151660	645.64	ng	100
22) C051	2,2-Dichloropropane	4.04	77	220600	128.91	ng	95
23) C056	cis-1,2-Dichloroethe	4.07	96	167403	129.29	ng	92
24) C272	Tetrahydrofuran	4.31	42	124156	626.06	ng	95
25) C222	Bromochloromethane	4.26	128	64010	131.78	ng	86
27) C060	Chloroform	4.32	83	294371	128.94	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	266610	131.48	ng	96
29) C120	Carbon tetrachloride	4.53	117	217876	135.24	ng	99
30) C116	1,1-Dichloropropene	4.54	75	220629	131.02	ng	95
32) C165	Benzene	4.70	78	660365	127.29	ng	99
33) C065	1,2-Dichloroethane	4.75	62	216638	123.35	ng	99
34) C110	2-Butanone	4.12	43	209354	646.73	ng	98
35) C256	Cyclohexane	4.43	56	320058	143.11	ng	95
36) C150	Trichloroethene	5.18	95	164159	127.04	ng	83
37) C140	1,2-Dichloropropane	5.36	63	159672	126.65	ng	100
38) C278	Dibromomethane	5.47	93	73368	126.07	ng	# 81

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7130.D Vial: 5
Acq On : 24 Aug 2008 13:38 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:30:32 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:30:20 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

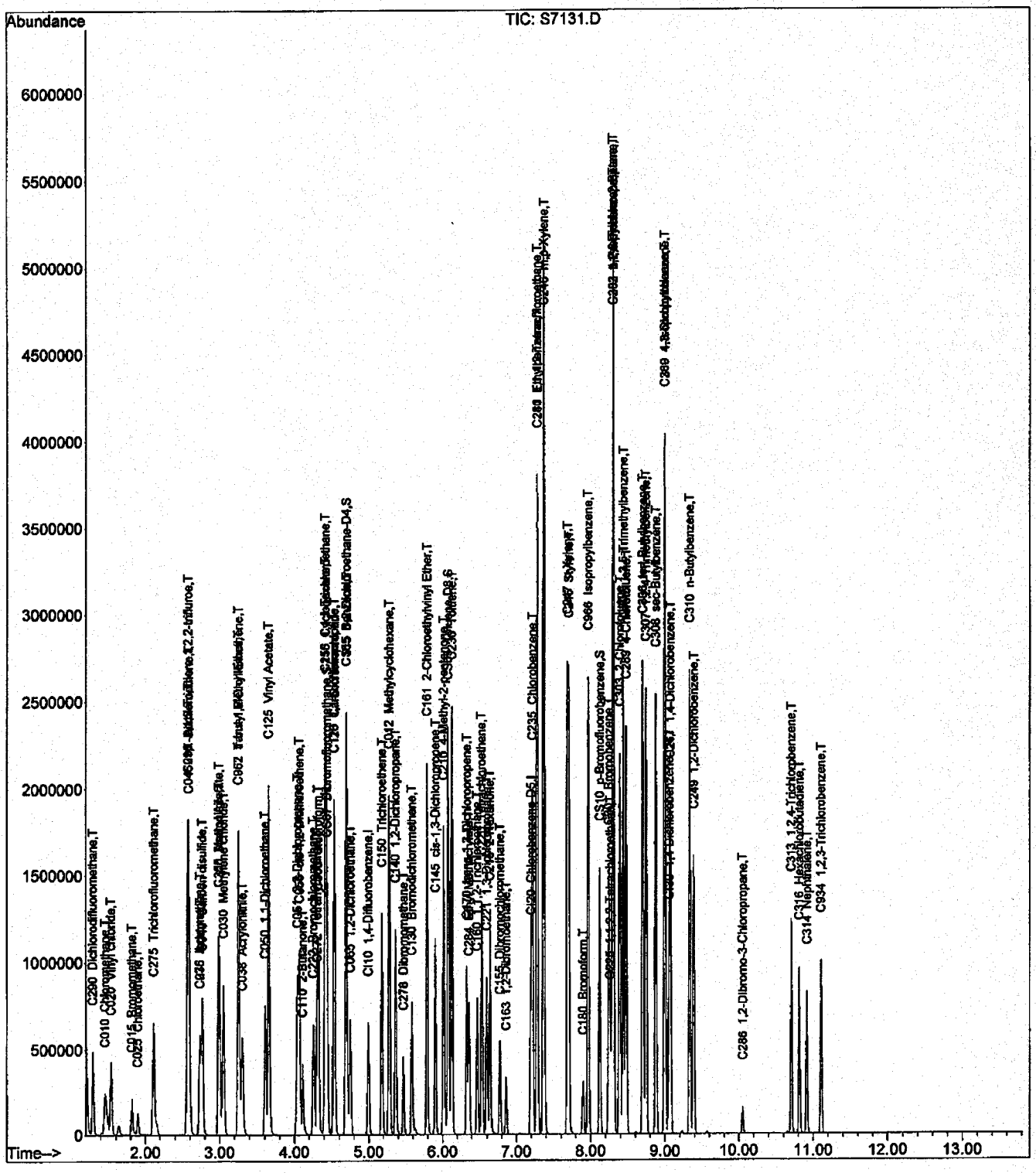
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.59	83	195043	126.99	ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	343611	655.77	ng		99
41) C012	Methylcyclohexane	5.28	83	288870	142.28	ng		93
42) C145	cis-1,3-Dichloroprop	5.90	75	224609	128.52	ng		96
45) C230	Toluene	6.13	92	422402	128.48	ng		95
46) C170	trans-1,3-Dichloropr	6.33	75	186192	127.90	ng		98
47) C284	Ethyl Methacrylate	6.36	69	134996	132.45	ng	#	99
48) C160	1,1,2-Trichloroethan	6.48	83	86279	126.30	ng		98
49) C210	4-Methyl-2-pentanone	6.01	43	467850	651.16	ng		97
50) C220	Tetrachloroethene	6.53	166	148363	126.42	ng		90
51) C221	1,3-Dichloropropane	6.60	76	190315	123.96	ng		98
52) C155	Dibromochloromethane	6.78	129	109285	129.60	ng		100
53) C163	1,2-Dibromoethane	6.86	107	89495	121.90	ng		97
54) C215	2-Hexanone	6.65	43	313640	676.75	ng		97
55) C235	Chlorobenzene	7.22	112	406036	125.05	ng		93
56) C281	1,1,1,2-Tetrachloroe	7.29	131	133964	132.69	ng		95
57) C240	Ethylbenzene	7.28	91	804983	131.13	ng		94
58) C246	m,p-Xylene	7.37	106	571999	260.19	ng		88
59) C247	o-Xylene	7.69	106	263702	130.67	ng		84
60) C245	Styrene	7.71	104	440527	135.05	ng		92
61) C180	Bromoform	7.90	173	52746	128.76	ng		96
64) C966	Isopropylbenzene	7.97	105	710810	128.29	ng		96
65) C301	Bromobenzene	8.25	156	139916	120.86	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	8.27	83	110382	125.64	ng		98
67) C282	1,2,3-Trichloropropa	8.30	110	32808	121.78	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	140355	653.34	ng	#	33
69) C302	n-Propylbenzene	8.30	91	973274	129.36	ng		90
70) C303	2-Chlorotoluene	8.39	126	161402	127.29	ng		100
71) C289	4-Chlorotoluene	8.48	126	169643	128.24	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	608500	128.67	ng		96
73) C306	tert-Butylbenzene	8.70	134	122297	130.87	ng	#	74
74) C307	1,2,4-Trimethylbenze	8.75	105	605863	131.53	ng		94
75) C308	sec-Butylbenzene	8.88	105	706381	130.72	ng		93
76) C260	1,3-Dichlorobenzene	9.01	146	288306	122.30	ng		97
77) C309	4-Isopropyltoluene	8.99	119	619999	130.00	ng		93
78) C267	1,4-Dichlorobenzene	9.08	146	289409	120.40	ng		95
79) C249	1,2-Dichlorobenzene	9.39	146	261472	122.80	ng		94
80) C310	n-Butylbenzene	9.34	91	587973	129.51	ng		91
81) C286	1,2-Dibromo-3-Chloro	10.05	75	16800	124.78	ng	#	56
82) C313	1,2,4-Trichlorobenze	10.71	180	131046	115.86	ng		99
83) C316	Hexachlorobutadiene	10.82	225	68323	115.98	ng		98
84) C314	Naphthalene	10.92	128	230227	124.67	ng		97
85) C934	1,2,3-Trichlorobenze	11.11	180	112446	120.59	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7131.D Vial: 6
Acq On : 24 Aug 2008 14:01 Operator: ND
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 14:32:54 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7131.D Vial: 6
Acq On : 24 Aug 2008 14:01 Operator: ND
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:32:54 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	359860	125.00	ng	0.00 97.99%
43) CI20	Chlorobenzene-D5	7.19	82	201684	125.00	ng	0.00 99.91%
63) CI30	1,4-Dichlorobenzene-	9.06	152	151960	125.00	ng	0.00 97.17%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	274571	256.77	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	205.42%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	348808	243.53	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	194.82%#		
44) CS05	Toluene-D8	6.07	98	1183184	250.45	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	200.36%#		
62) CS10	p-Bromofluorobenzene	8.12	174	287389	249.65	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	199.72%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	365166	303.23	ng	# 100
3) C010	Chloromethane	1.46	50	388131	277.83	ng	99
4) C020	Vinyl chloride	1.54	62	381329	295.73	ng	86
5) C015	Bromomethane	1.82	94	118211	254.73	ng	89
6) C025	Chloroethane	1.90	64	88030	232.59	ng	92
7) C275	Trichlorofluorometha	2.11	101	522178	295.56	ng	99
8) C045	1,1-Dichloroethene	2.59	96	293212	279.58	ng	93
9) C030	Methylene chloride	3.05	84	312696	192.24	ng	97
10) C040	Carbon disulfide	2.77	76	880994	283.06	ng	99
11) C036	Acrolein	2.57	56	656304	5119.31	ng	96
12) C038	Acrylonitrile	3.30	53	359217	1269.71	ng	91
13) C035	Acetone	2.73	43	310030	1312.77	ng	96
14) C300	Acetonitrile	2.99	41	1010530	10158.62	ng	99
15) C276	Iodomethane	2.73	142	363041	335.09	ng	88
16) C291	1,1,2-Trichloro-1,2,	2.57	101	309962	292.13	ng	87
17) C962	T-butyl Methyl Ether	3.26	73	632778	257.49	ng	92
18) C057	trans-1,2-Dichloroet	3.25	96	314761	264.15	ng	89
19) C255	Methyl Acetate	2.98	43	217651	257.60	ng	100
20) C050	1,1-Dichloroethane	3.60	63	606625	263.14	ng	99
21) C125	Vinyl Acetate	3.65	43	2336360	1336.63	ng	100
22) C051	2,2-Dichloropropane	4.04	77	443129	264.25	ng	93
23) C056	cis-1,2-Dichloroethe	4.07	96	330808	260.74	ng	90
24) C272	Tetrahydrofuran	4.30	42	255185	1313.15	ng	98
25) C222	Bromochloromethane	4.26	128	124356	261.25	ng	# 85
27) C060	Chloroform	4.32	83	574182	256.65	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	534232	268.86	ng	97
29) C120	Carbon tetrachloride	4.53	117	434008	274.92	ng	99
30) C116	1,1-Dichloropropene	4.54	75	439663	266.45	ng	97
32) C165	Benzene	4.70	78	1292774	254.30	ng	100
33) C065	1,2-Dichloroethane	4.75	62	420110	244.11	ng	99
34) C110	2-Butanone	4.11	43	422885	1333.12	ng	100
35) C256	Cyclohexane	4.43	56	647368	295.39	ng	94
36) C150	Trichloroethene	5.18	95	324116	255.97	ng	83
37) C140	1,2-Dichloropropane	5.36	63	314165	254.29	ng	98
38) C278	Dibromomethane	5.47	93	141955	248.92	ng	# 82

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7131.D Vial: 6
Acq On : 24 Aug 2008 14:01 Operator: ND
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:32:54 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:32:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

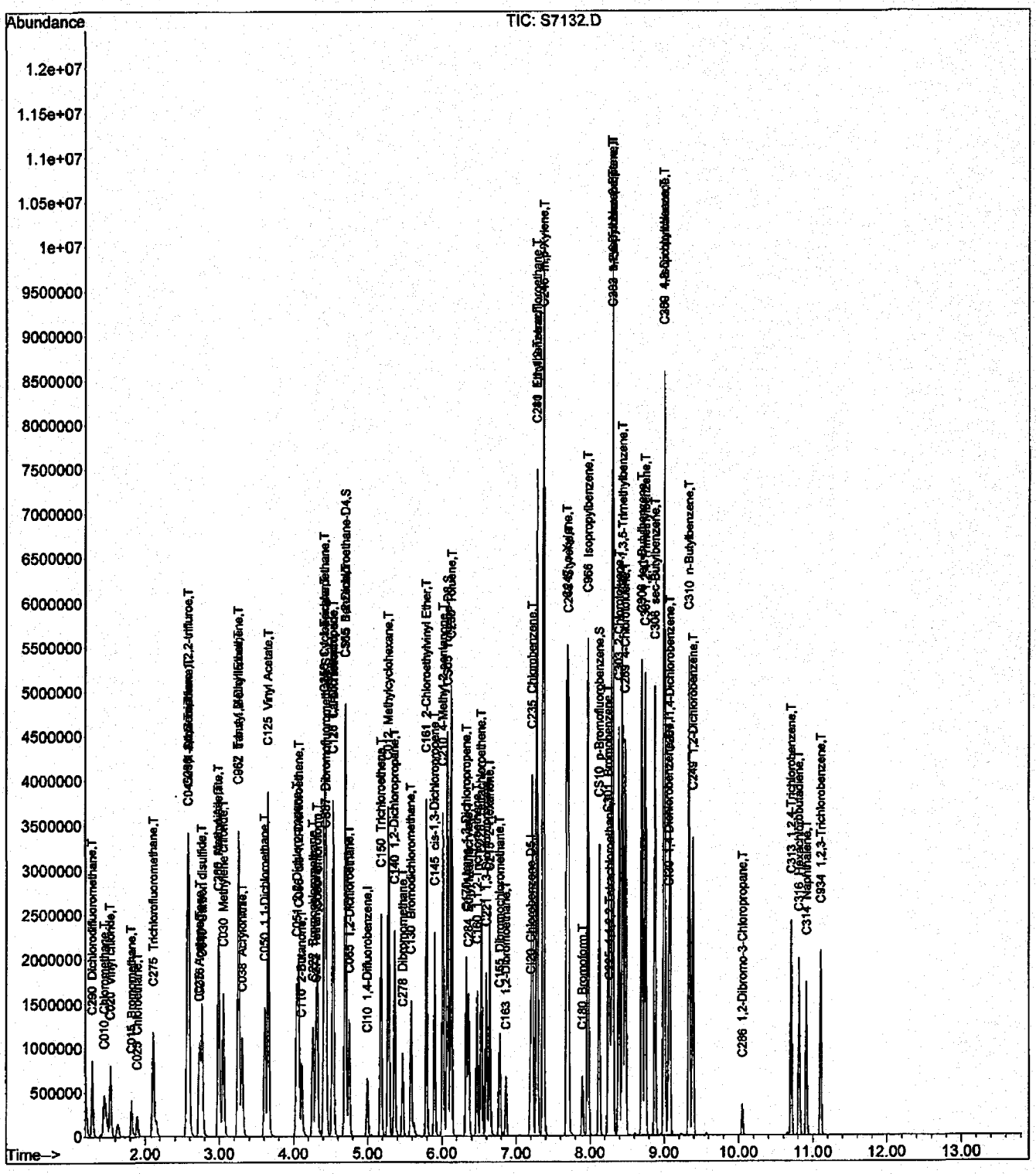
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	390327	259.34	ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	651151	1268.15	ng		98
41) C012	Methylcyclohexane	5.28	83	580623	291.85	ng		93
42) C145	cis-1,3-Dichloroprop	5.90	75	452539	264.24	ng		97
45) C230	Toluene	6.13	92	828725	252.31	ng		93
46) C170	trans-1,3-Dichloropr	6.33	75	381576	262.36	ng		98
47) C284	Ethyl Methacrylate	6.36	69	280828	275.80	ng	#	99
48) C160	1,1,2-Trichloroethan	6.47	83	166838	244.46	ng		96
49) C210	4-Methyl-2-pentanone	6.01	43	931597	1297.83	ng		97
50) C220	Tetrachloroethene	6.54	166	292212	249.22	ng		95
51) C221	1,3-Dichloropropane	6.60	76	375931	245.09	ng		98
52) C155	Dibromochloromethane	6.78	129	220190	261.37	ng		99
53) C163	1,2-Dibromoethane	6.86	107	181053	246.84	ng		96
54) C215	2-Hexanone	6.64	43	632188	1365.36	ng		96
55) C235	Chlorobenzene	7.22	112	788232	242.98	ng		94
56) C281	1,1,1,2-Tetrachloroe	7.29	131	257737	255.52	ng		97
57) C240	Ethylbenzene	7.28	91	1573639	256.58	ng		94
58) C246	m,p-Xylene	7.37	106	1122754	511.19	ng		88
59) C247	o-Xylene	7.69	106	534144	264.93	ng		86
60) C245	Styrene	7.71	104	876130	268.83	ng		92
61) C180	Bromoform	7.90	173	111988	273.64	ng		98
64) C966	Isopropylbenzene	7.97	105	1434364	266.42	ng		98
65) C301	Bromobenzene	8.25	156	279692	248.62	ng	#	74
66) C225	1,1,2,2-Tetrachloroe	8.27	83	212895	249.37	ng		99
67) C282	1,2,3-Trichloropropa	8.30	110	62767	239.78	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	270946	1297.95	ng	#	36
69) C302	n-Propylbenzene	8.30	91	1903913	260.42	ng		91
70) C303	2-Chlorotoluene	8.39	126	312418	253.55	ng		100
71) C289	4-Chlorotoluene	8.48	126	323238	251.45	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	1191689	259.32	ng		95
73) C306	tert-Butylbenzene	8.70	134	246461	271.42	ng	#	71
74) C307	1,2,4-Trimethylbenze	8.75	105	1176707	262.89	ng		95
75) C308	sec-Butylbenzene	8.88	105	1400231	266.67	ng		94
76) C260	1,3-Dichlorobenzene	9.01	146	554242	241.95	ng		97
77) C309	4-Isopropyltoluene	8.99	119	1232257	265.89	ng		94
78) C267	1,4-Dichlorobenzene	9.08	146	558884	239.28	ng		96
79) C249	1,2-Dichlorobenzene	9.39	146	499014	241.19	ng		94
80) C310	n-Butylbenzene	9.34	91	1181086	267.73	ng		92
81) C286	1,2-Dibromo-3-Chloro	10.05	75	35708	272.94	ng	#	66
82) C313	1,2,4-Trichlorobenze	10.71	180	281340	255.97	ng		96
83) C316	Hexachlorobutadiene	10.81	225	142234	248.48	ng		98
84) C314	Naphthalene	10.92	128	503996	280.87	ng		95
85) C934	1,2,3-Trichlorobenze	11.11	180	231146	255.11	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7132.D Vial: 7
Acq On : 24 Aug 2008 14:24 Operator: ND
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 14:38:22 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:34:15 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7132.D Vial: 7
Acq On : 24 Aug 2008 14:24 Operator: ND
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:38:22 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:34:15 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	366403	125.00	ng	0.00 99.77%
43) CI20	Chlorobenzene-D5	7.19	82	206379	125.00	ng	0.00 102.23%
63) CI30	1,4-Dichlorobenzene-	9.06	152	157955	125.00	ng	0.00 101.00%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	550150	458.67	NG	0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	366.94%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	706095	458.66	ng	0.00
Spiked Amount	125.000 Range	66 - 137		Recovery =	366.93%#		
44) CS05	Toluene-D8	6.08	98	2437010	476.40	ng	0.00
Spiked Amount	125.000 Range	71 - 126		Recovery =	381.12%#		
62) CS10	p-Bromofluorobenzene	8.12	174	606245	481.00	ng	0.00
Spiked Amount	125.000 Range	73 - 120		Recovery =	384.80%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	644741	474.53	ng	# 100
3) C010	Chloromethane	1.46	50	758436	485.60	ng	99
4) C020	Vinyl chloride	1.54	62	714809	502.59	ng	86
5) C015	Bromomethane	1.82	94	242771	563.25	ng	87
6) C025	Chloroethane	1.90	64	162949	427.29	ng	91
7) C275	Trichlorofluorometha	2.11	101	932398	468.11	ng	100
8) C045	1,1-Dichloroethene	2.59	96	567436	497.70	ng	93
9) C030	Methylene chloride	3.05	84	587289	389.45	ng	95
10) C040	Carbon disulfide	2.77	76	1679656	484.56	ng	99
11) C036	Acrolein	2.57	56	1295039	10466.34	ng	96
12) C038	Acrylonitrile	3.30	53	700399	2545.57	ng	92
13) C035	Acetone	2.72	43	599981	2445.17	ng	97
14) C300	Acetonitrile	2.99	41	1933870	19290.69	ng	98
15) C276	Iodomethane	2.73	142	699979	607.64	ng	88
16) C291	1,1,2-Trichloro-1,2,	2.57	101	573648	467.98	ng	87
17) C962	T-butyl Methyl Ether	3.25	73	1238190	543.60	ng	92
18) C057	trans-1,2-Dichloroet	3.25	96	603087	488.58	ng	92
19) C255	Methyl Acetate	2.98	43	422834	506.58	ng	100
20) C050	1,1-Dichloroethane	3.60	63	1172138	485.54	ng	100
21) C125	Vinyl Acetate	3.65	43	4560225	2795.89	ng	100
22) C051	2,2-Dichloropropane	4.04	77	831785	504.77	ng	94
23) C056	cis-1,2-Dichloroethe	4.07	96	642385	498.67	ng	90
24) C272	Tetrahydrofuran	4.30	42	513028	2901.98	ng	95
25) C222	Bromochloromethane	4.26	128	236934	486.84	ng	# 84
27) C060	Chloroform	4.32	83	1105257	477.72	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	1035026	499.76	ng	96
29) C120	Carbon tetrachloride	4.53	117	859438	509.52	ng	97
30) C116	1,1-Dichloropropene	4.54	75	874836	523.03	ng	96
32) C165	Benzene	4.70	78	2537241	488.36	ng	99
33) C065	1,2-Dichloroethane	4.75	62	830211	484.68	ng	99
34) C110	2-Butanone	4.10	43	836827	2692.78	ng	99
35) C256	Cyclohexane	4.43	56	1252897	530.87	ng	94
36) C150	Trichloroethene	5.18	95	647108	495.42	ng	83
37) C140	1,2-Dichloropropane	5.36	63	630804	502.39	ng	98
38) C278	Dibromomethane	5.47	93	283956	502.97	ng	# 82

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7132.D Vial: 7
Acq On : 24 Aug 2008 14:24 Operator: ND
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 14:38:22 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 14:34:15 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\082408\S7130.D (24 Aug 2008 13:38)

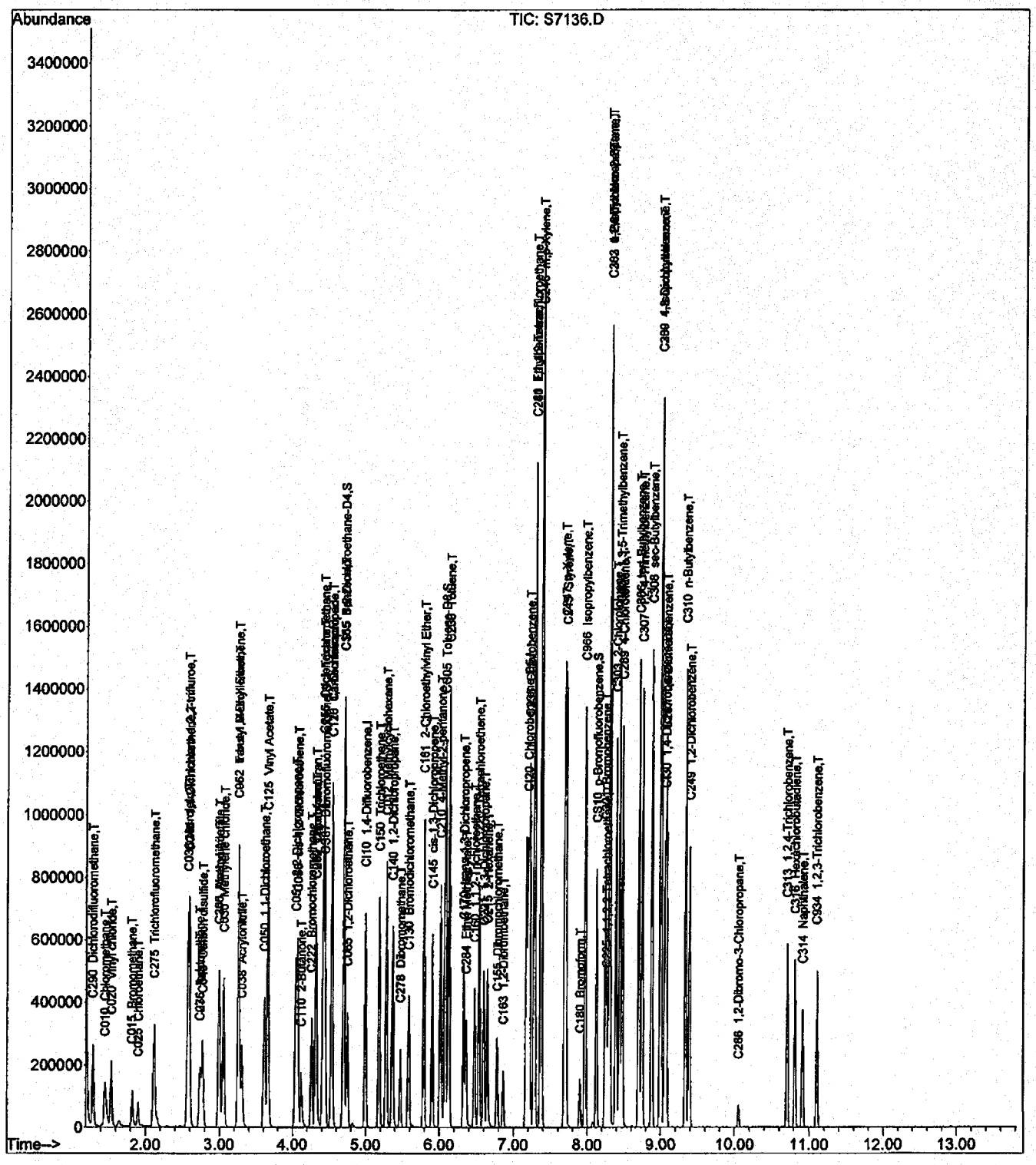
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	794214	526.20	ng		99
40) C161	2-Chloroethylviny1 E	5.79	63	1201220	2504.55	ng		97
41) C012	Methylcyclohexane	5.28	83	1139271	538.52	ng		93
42) C145	cis-1,3-Dichloroprop	5.90	75	927258	555.97	ng		96
45) C230	Toluene	6.13	92	1638952	492.51	ng		93
46) C170	trans-1,3-Dichloropr	6.33	75	794013	561.88	ng		98
47) C284	Ethyl Methacrylate	6.36	69	593762	623.65	ng	#	100
48) C160	1,1,2-Trichloroethan	6.48	83	337253	491.68	ng		99
49) C210	4-Methyl-2-pentanone	6.01	43	1900784	2772.31	ng		95
50) C220	Tetrachloroethene	6.54	166	593122	492.16	ng		95
51) C221	1,3-Dichloropropane	6.60	76	756847	499.31	ng		99
52) C155	Dibromochloromethane	6.78	129	455881	540.65	ng		100
53) C163	1,2-Dibromoethane	6.86	107	367354	516.26	ng		99
54) C215	2-Hexanone	6.64	43	1311284	2944.69	ng		97
55) C235	Chlorobenzene	7.22	112	1582844	480.46	ng		93
56) C281	1,1,1,2-Tetrachloroe	7.29	131	516892	496.36	ng		97
57) C240	Ethylbenzene	7.28	91	3176161	510.22	ng		95
58) C246	m,p-Xylene	7.37	106	2270859	1026.23	ng		87
59) C247	o-Xylene	7.69	106	1066503	537.40	ng		84
60) C245	Styrene	7.71	104	1777647	546.89	ng		97
61) C180	Bromoform	7.90	173	238336	581.60	ng		98
64) C966	Isopropylbenzene	7.97	105	2908028	550.19	ng		96
65) C301	Bromobenzene	8.25	156	565852	509.35	ng	#	74
66) C225	1,1,2,2-Tetrachloroe	8.27	83	435722	504.34	ng		99
67) C282	1,2,3-Trichloropropa	8.30	110	125613	489.50	ng		100
68) C283	t-1,4-Dichloro-2-But	8.31	51	525722	2561.96	ng	#	41
69) C302	n-Propylbenzene	8.30	91	3844098	529.83	ng		90
70) C303	2-Chlorotoluene	8.39	126	630484	507.42	ng		100
71) C289	4-Chlorotoluene	8.48	126	658551	515.12	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	2418231	532.85	ng		95
73) C306	tert-Butylbenzene	8.70	134	501735	564.51	ng	#	72
74) C307	1,2,4-Trimethylbenze	8.75	105	2382761	536.76	ng		97
75) C308	sec-Butylbenzene	8.88	105	2877794	555.22	ng		94
76) C260	1,3-Dichlorobenzene	9.01	146	1118228	487.62	ng		96
77) C309	4-Isopropyltoluene	9.00	119	2537612	565.61	ng		96
78) C267	1,4-Dichlorobenzene	9.08	146	1126664	476.16	ng		95
79) C249	1,2-Dichlorobenzene	9.39	146	1009685	493.35	ng		93
80) C310	n-Butylbenzene	9.34	91	2453666	578.98	ng		90
81) C286	1,2-Dibromo-3-Chloro	10.05	75	76738	628.83	ng	#	64
82) C313	1,2,4-Trichlorobenze	10.71	180	590863	601.46	ng		98
83) C316	Hexachlorobutadiene	10.81	225	296327	533.63	ng		99
84) C314	Naphthalene	10.92	128	1088496	687.68	ng		96
85) C934	1,2,3-Trichlorobenze	11.11	180	480443	589.80	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7136.D Vial: 11
Acq On : 24 Aug 2008 16:43 Operator: ND
Sample : SSCAL Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Aug 24 17:23:33 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 17:23:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7136.D Vial: 11
Acq On : 24 Aug 2008 16:43 Operator: ND
Sample : SSCAL Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 17:23:33 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 17:23:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	381413	125.00	ng	0.00 103.86%
43) CI20	Chlorobenzene-D5	7.19	82	215803	125.00	ng	0.00 106.90%
63) CI30	1,4-Dichlorobenzene-	9.06	152	161684	125.00	ng	0.00 103.39%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	148439	127.15	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	101.72%	
31) CS15	1,2-Dichloroethane-D	4.69	65	190232	126.10	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	100.88%	
44) CS05	Toluene-D8	6.07	98	635144	125.54	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	100.43%	
62) CS10	p-Bromofluorobenzene	8.12	174	151878	121.85	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	97.48%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	204086	139.24	ng	# 100
3) C010	Chloromethane	1.46	50	196216	118.18	ng	97
4) C020	Vinyl chloride	1.54	62	190200	121.95	ng	86
5) C015	Bromomethane	1.82	94	62848	130.04	ng	88
6) C025	Chloroethane	1.90	64	50995	128.22	ng	93
7) C275	Trichlorofluorometha	2.11	101	263050	122.13	ng	98
8) C045	1,1-Dichloroethene	2.59	96	164143	134.34	ng	95
9) C030	Methylene chloride	3.06	84	175515	134.20	ng	100
10) C040	Carbon disulfide	2.77	76	317857	84.11	ng	99
11) C036	Acrolein	2.57	56	195444	1483.26	ng	97
12) C038	Acrylonitrile	3.30	53	164082	552.19	ng	91
13) C035	Acetone	2.73	43	132215	498.34	ng	95
14) C300	Acetonitrile	2.99	41	447898	4293.53	ng	98
15) C276	Iodomethane	2.74	142	109871	77.75	ng	89
16) C291	1,1,2-Trichloro-1,2,	2.58	101	120470	94.03	ng	88
17) C962	T-butyl Methyl Ether	3.26	73	289314	119.05	ng	92
18) C057	trans-1,2-Dichloroet	3.25	96	178681	133.83	ng	92
19) C255	Methyl Acetate	2.98	43	94953	103.99	ng	99
20) C050	1,1-Dichloroethane	3.61	63	331594	129.92	ng	98
21) C125	Vinyl Acetate	3.65	43	1000047	570.01	ng	100
22) C051	2,2-Dichloropropane	4.04	77	253874	144.19	ng	95
23) C056	cis-1,2-Dichloroethe	4.07	96	185121	133.09	ng	93
24) C272	Tetrahydrofuran	4.31	42	110878	573.68	ng	95
25) C222	Bromochloromethane	4.26	128	67284	125.01	ng	# 84
27) C060	Chloroform	4.32	83	315184	128.63	ng	99
28) C115	1,1,1-Trichloroethan	4.42	97	297546	134.25	ng	96
29) C120	Carbon tetrachloride	4.53	117	244931	136.81	ng	99
30) C116	1,1-Dichloropropene	4.54	75	251147	138.29	ng	97
32) C165	Benzene	4.70	78	724623	131.04	ng	99
33) C065	1,2-Dichloroethane	4.75	62	228506	124.13	ng	100
34) C110	2-Butanone	4.12	43	184665	548.69	ng	98
35) C256	Cyclohexane	4.43	56	264464	105.90	ng	94
36) C150	Trichloroethene	5.18	95	185685	133.07	ng	81
37) C140	1,2-Dichloropropane	5.36	63	172681	129.60	ng	98
38) C278	Dibromomethane	5.47	93	77574	125.04	ng	# 82

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\082408\S7136.D Vial: 11
Acq On : 24 Aug 2008 16:43 Operator: ND
Sample : SSCAL Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 24 17:23:33 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Aug 24 17:23:17 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\082408\S7130.D (24 Aug 2008 13:38)

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.59	83	214053	132.85 ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	295052	583.85 ng		99
41) C012	Methylcyclohexane	5.28	83	246723	109.10 ng		93
42) C145	cis-1,3-Dichloroprop	5.90	75	247021	136.55 ng		97
45) C230	Toluene	6.13	92	459369	128.69 ng		93
46) C170	trans-1,3-Dichloropr	6.33	75	202536	129.64 ng		100
47) C284	Ethyl Methacrylate	6.36	69	121750	105.26 ng	#	98
48) C160	1,1,2-Trichloroethan	6.48	83	91412	126.56 ng		99
49) C210	4-Methyl-2-pentanone	6.01	43	420171	568.12 ng		98
50) C220	Tetrachloroethene	6.54	166	166634	127.58 ng		96
51) C221	1,3-Dichloropropane	6.60	76	201329	124.90 ng		98
52) C155	Dibromochloromethane	6.78	129	115572	128.03 ng		98
53) C163	1,2-Dibromoethane	6.86	107	98276	127.43 ng		98
54) C215	2-Hexanone	6.65	43	271999	557.34 ng		96
55) C235	Chlorobenzene	7.22	112	443289	124.69 ng		93
56) C281	1,1,1,2-Tetrachloroe	7.29	131	141956	128.52 ng		97
57) C240	Ethylbenzene	7.28	91	874079	131.13 ng		94
58) C246	m,p-Xylene	7.37	106	620906	259.82 ng		87
59) C247	o-Xylene	7.69	106	287079	133.21 ng	#	83
60) C245	Styrene	7.71	104	475388	134.17 ng		96
61) C180	Bromoform	7.90	173	56417	129.12 ng		100
64) C966	Isopropylbenzene	7.97	105	713955	128.43 ng		96
65) C301	Bromobenzene	8.25	156	152643	128.40 ng	#	74
66) C225	1,1,2,2-Tetrachloroe	8.27	83	115880	130.78 ng		98
67) C282	1,2,3-Trichloropropa	8.30	110	30983	113.04 ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	123700	556.93 ng	#	27
69) C302	n-Propylbenzene	8.30	91	1035742	134.04 ng		91
70) C303	2-Chlorotoluene	8.39	126	174990	133.67 ng		100
71) C289	4-Chlorotoluene	8.48	126	178330	128.53 ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	658705	137.26 ng		96
73) C306	tert-Butylbenzene	8.70	134	133732	140.63 ng	#	76
74) C307	1,2,4-Trimethylbenze	8.75	105	650758	138.23 ng		95
75) C308	sec-Butylbenzene	8.88	105	836840	152.17 ng		93
76) C260	1,3-Dichlorobenzene	9.01	146	307668	124.65 ng		95
77) C309	4-Isopropyltoluene	8.99	119	661799	139.04 ng		93
78) C267	1,4-Dichlorobenzene	9.08	146	314144	133.49 ng		93
79) C249	1,2-Dichlorobenzene	9.39	146	273861	125.29 ng		94
80) C310	n-Butylbenzene	9.34	91	649494	143.35 ng		90
81) C286	1,2-Dibromo-3-Chloro	10.05	75	16828	114.37 ng	#	58
82) C313	1,2,4-Trichlorobenze	10.71	180	138941	129.40 ng		100
83) C316	Hexachlorobutadiene	10.81	225	77366	130.23 ng		95
84) C314	Naphthalene	10.92	128	231704	114.87 ng		96
85) C934	1,2,3-Trichlorobenze	11.11	180	114748	120.94 ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002166-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: F4165.RR Calibration Date: 08/28/2008 Time: 10:39

Intrument ID: HP5973F Init. Calib. Date(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Init. Calib. Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	0.2640	0.2898	0.1000	-9.800	100.00
Bromomethane	0.1090	0.1041		4.500	100.00
Vinyl chloride	0.2210	0.2524		-14.200	20.00
Chloroethane	0.0970	0.1172		-20.800	100.00
Methylene chloride	0.2870	0.3576		-24.600	100.00
Acetone	0.0590	0.0634		-7.400	100.00
Carbon Disulfide	0.6060	0.6853		-13.100	100.00
1,1-Dichloroethene	0.1460	0.1565	0.1000	-7.200	20.00
1,1-Dichloroethane	0.4200	0.4091	0.3000	2.600	100.00
cis-1,2-Dichloroethene	0.2760	0.2799		-1.400	100.00
trans-1,2-Dichloroethene	0.2470	0.2527		-2.300	100.00
Chloroform	0.4150	0.3997		3.700	20.00
1,2-Dichloroethane	0.3210	0.2938		8.500	100.00
2-Butanone	0.1350	0.1267		6.100	100.00
1,1,1-Trichloroethane	0.3520	0.3586		-1.900	100.00
Carbon Tetrachloride	0.3000	0.3216		-7.200	100.00
Bromodichloromethane	0.3050	0.2937		3.700	100.00
1,2-Dichloropropane	0.2560	0.2462		3.800	20.00
cis-1,3-Dichloropropene	0.4020	0.3936		2.100	100.00
Trichloroethene	0.2490	0.2530		-1.600	100.00
Dibromochloromethane	0.5410	0.5734		-6.000	100.00
1,1,2-Trichloroethane	0.4040	0.3867		4.300	100.00
Benzene	0.9850	0.9821		0.300	100.00
trans-1,3-Dichloropropene	0.8180	0.8071		1.300	100.00
Bromoform	0.3290	0.3674	0.1000	-11.700	100.00
4-Methyl-2-pentanone	0.6160	0.6030		2.100	100.00
2-Hexanone	0.4440	0.4256		4.100	100.00
Tetrachloroethene	0.5770	0.6560		-13.700	100.00
1,1,2,2-Tetrachloroethane	0.6190	0.5420	0.3000	12.400	100.00
Toluene	1.5100	1.5402		-2.000	20.00
Chlorobenzene	1.6400	1.7318	0.3000	-5.600	100.00
Ethylbenzene	2.6350	2.7263		-3.500	20.00
Styrene	1.7190	1.7740		-3.200	100.00
Total Xylenes	1.0240	1.0948		-6.900	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1530	0.1945		-27.100	100.00
1,2,4-Trichlorobenzene	0.9290	0.8795		5.300	100.00
1,2-Dibromo-3-chloropropane	0.1230	0.1040		15.400	100.00
1,2-Dibromoethane	0.5160	0.5135		0.500	100.00
1,2-Dichlorobenzene	1.2550	1.1846		5.600	100.00

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002166-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: F4165.RR Calibration Date: 08/28/2008 Time: 10:39

Intrument ID: HP5973F Init. Calib. Date(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Init. Calib. Times: 22:20 00:02

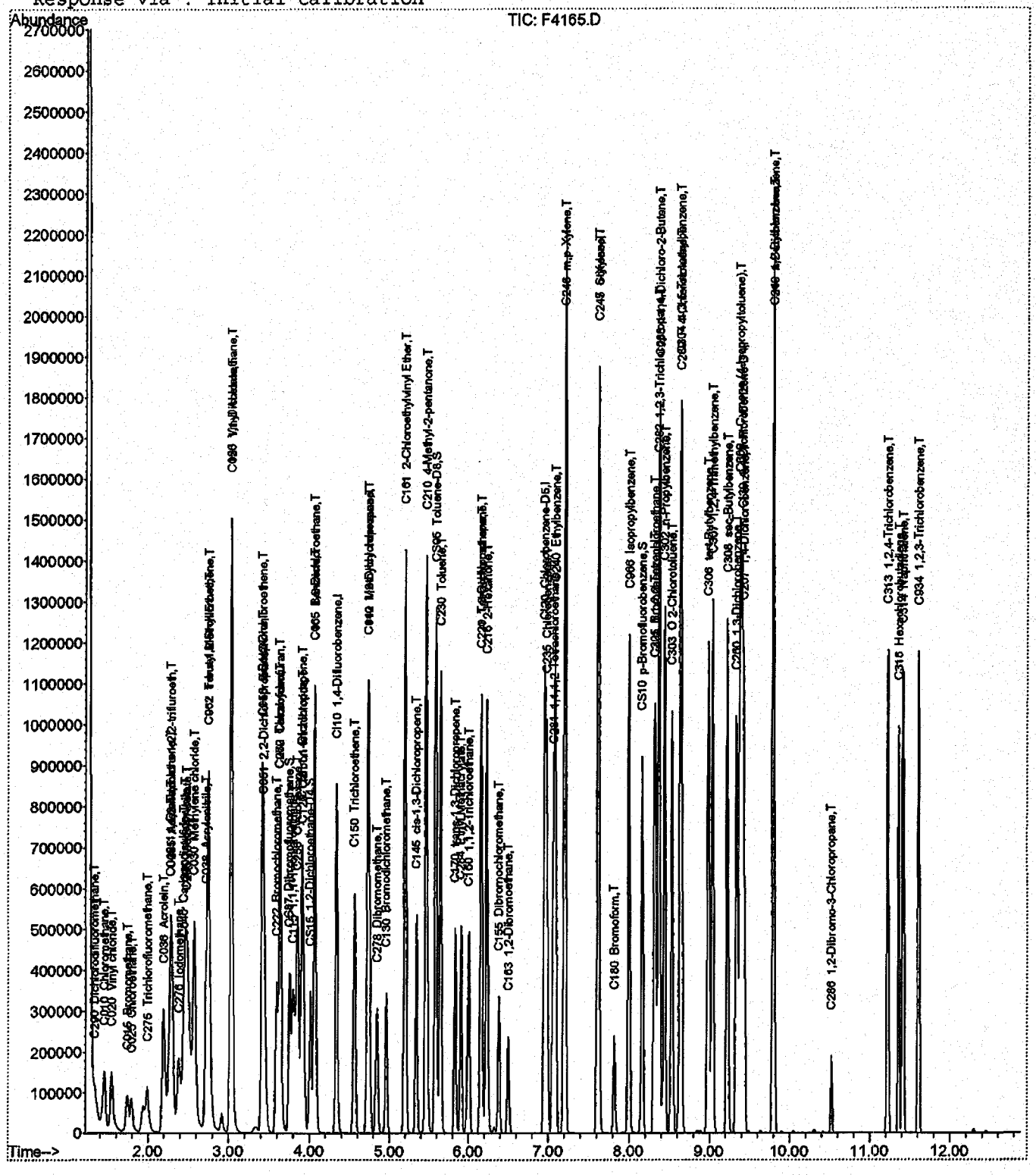
GC Column: ZB-624 ID: 0.20(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.2990	1.2494		3.800	100.00
1,4-Dichlorobenzene	1.3350	1.2714		4.800	100.00
Cyclohexane	0.4160	0.4438		-6.700	100.00
Dichlorodifluoromethane	0.1950	0.2224		-14.000	100.00
Methyl acetate	0.3120	0.3114		0.200	100.00
Trichlorofluoromethane	0.2260	0.2767		-22.400	100.00
Methyl-t-Butyl Ether (MTBE)	0.7500	0.7486		0.200	100.00
Isopropylbenzene	2.4520	2.3751		3.100	100.00
Methylcyclohexane	0.4110	0.4509		-9.700	100.00
Toluene-D8	2.3330	2.6719		-14.500	100.00
p-Bromofluorobenzene	0.7780	0.8816		-13.300	100.00
1,2-Dichloroethane-D4	0.2970	0.3076		-3.600	100.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\082808\F4165.D Vial: 1
Acq On : 28 Aug 2008 10:39 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:04 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Aug 27 10:07:41 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4165.D Vial: 1
Acq On : 28 Aug 2008 10:39 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:05:28 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Aug 27 10:07:41 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082708\F4149.D (27 Aug 2008 9:10)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	775449	250.00	ng		0.00 104.70%
43) CI20	Chlorobenzene-D5	6.96	82	340390	250.00	ng		0.00 106.20%
63) CI30	1,4-Dichlorobenzene-	9.41	152	389515	250.00	ng		0.00 109.07%
System Monitoring Compounds								
27) CS87	Dibromofluoromethane	3.76	111	246904	285.58	ng		0.00
Spiked Amount	250.000	Range 70 - 130		Recovery = 114.23%				
32) CS15	1,2-Dichloroethane-D	4.01	65	238517	259.28	ng		0.00
Spiked Amount	250.000	Range 64 - 126		Recovery = 103.71%				
44) CS05	Toluene-D8	5.59	98	909498	286.37	ng		0.00
Spiked Amount	250.000	Range 71 - 125		Recovery = 114.55%				
62) CS10	p-Bromofluorobenzene	8.16	174	300079	283.33	ng		0.00
Spiked Amount	250.000	Range 72 - 126		Recovery = 113.33%				
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.34	85	172432	284.58	ng		98
3) C010	Chloromethane	1.46	50	224695	274.06	ng		99
4) C020	Vinyl chloride	1.55	62	195718	285.03	ng		98
5) C015	Bromomethane	1.74	94	80708	238.33	ng		90
6) C025	Chloroethane	1.79	64	90856	300.55	ng		98
7) C275	Trichlorofluorometha	1.99	101	214561	305.44	ng		88
8) C291	1,1,2-Trichloro-1,2,	2.30	101	150820	317.32	ng		98
9) C045	1,1-Dichloroethene	2.28	96	121383	268.58	ng		93
10) C030	Methylene chloride	2.58	84	277266	343.93	ng		97
11) C040	Carbon disulfide	2.44	76	531446	282.80	ng		97
12) C036	Acrolein	2.20	56	405138	5328.60	ng		98
13) C038	Acrylonitrile	2.72	53	365856	1235.90	ng		99
14) C035	Acetone	2.29	43	245864	1340.03	ng		98
15) C300	Acetonitrile	2.47	41	1038709	10439.75	ng		100
16) C276	Iodomethane	2.39	142	299246	286.12	ng		100
17) C255	Methyl Acetate	2.49	43	241485	249.68	ng		96
18) C962	T-butyl Methyl Ether	2.75	73	580476	249.59	ng		94
19) C057	trans-1,2-Dichloroet	2.75	96	195960	256.05	ng	#	81
20) C050	1,1-Dichloroethane	3.03	63	317246	243.55	ng		98
21) C125	Vinyl Acetate	3.04	43	1992829	1279.79	ng		95
22) C051	2,2-Dichloropropane	3.44	77	270969	263.73	ng		89
23) C056	cis-1,2-Dichloroethe	3.42	96	217030	253.18	ng		86
24) C272	Tetrahydrofuran	3.63	42	336975	1196.75	ng		96
25) C222	Bromochloromethane	3.60	128	114589	255.42	ng		84
26) C060	Chloroform	3.64	83	309949	240.96	ng		97
28) C256	Cyclohexane	3.85	56	344154	266.63	ng	#	100
29) C115	1,1,1-Trichloroethan	3.80	97	278060	254.53	ng		96
30) C120	Carbon tetrachloride	3.93	117	249354	267.95	ng		93
31) C116	1,1-Dichloropropene	3.91	75	247633	254.29	ng		85

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4165.D Vial: 1
Acq On : 28 Aug 2008 10:39 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:05:28 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Aug 27 10:07:41 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	761578	249.39	ng		97
34)	C065	1,2-Dichloroethane	4.07	62	227836	228.71	ng		90
35)	C110	2-Butanone	3.41	43	491337	1176.48	ng		95
36)	C150	Trichloroethene	4.56	95	196174	254.26	ng		81
37)	C161	2-Chloroethylvinyl E	5.20	63	607261	1260.21	ng	#	77
38)	C012	Methylcyclohexane	4.73	83	349652	274.47	ng		85
39)	C140	1,2-Dichloropropane	4.74	63	190937	240.16	ng		100
40)	C278	Dibromomethane	4.84	93	116582	245.35	ng		95
41)	C130	Bromodichloromethane	4.96	83	227766	240.78	ng		99
42)	C145	cis-1,3-Dichloroprop	5.34	75	305203	244.58	ng		89
45)	C230	Toluene	5.65	92	524277	254.93	ng		95
46)	C170	trans-1,3-Dichloropr	5.83	75	274713	246.75	ng		90
47)	C284	Ethyl Methacrylate	5.90	69	262271	248.64	ng		88
48)	C160	1,1,2-Trichloroethan	6.01	83	131614	239.14	ng		94
49)	C210	4-Methyl-2-pentanone	5.46	43	1026346	1223.49	ng		94
50)	C220	Tetrachloroethene	6.16	166	223302	284.24	ng		93
51)	C221	1,3-Dichloropropane	6.16	76	281125	241.61	ng		96
52)	C155	Dibromochloromethane	6.38	129	195182	264.76	ng		81
53)	C163	1,2-Dibromoethane	6.50	107	174799	249.01	ng		92
54)	C215	2-Hexanone	6.23	43	724434	1199.46	ng		93
55)	C235	Chlorobenzene	6.98	112	589504	264.08	ng		89
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	201673	273.02	ng		97
57)	C240	Ethylbenzene	7.09	91	927995	258.68	ng		94
58)	C246	m,p-Xylene	7.20	106	750357	540.15	ng		99
59)	C247	o-Xylene	7.61	106	372643	267.17	ng	#	79
60)	C245	Styrene	7.62	104	603865	257.94	ng		95
61)	C180	Bromoform	7.82	173	125060	279.47	ng		88
64)	C966	Isopropylbenzene	8.00	105	925118	242.12	ng		91
65)	C301	Bromobenzene	8.32	156	251356	237.01	ng	#	84
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	211134	218.92	ng		92
67)	C282	1,2,3-Trichloropropa	8.36	110	66415	215.24	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	331089	1142.94	ng	#	68
69)	C302	n-Propylbenzene	8.44	91	1095638	240.82	ng		96
70)	C303	O 2-Chlorotoluene	8.53	126	245777	245.72	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	247819	243.30	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	793206	241.51	ng		87
73)	C306	tert-Butylbenzene	8.99	134	184307	245.51	ng		89
74)	C307	1,2,4-Trimethylbenze	9.04	105	806959	239.11	ng		97
75)	C308	sec-Butylbenzene	9.22	105	962585	243.26	ng		95
76)	C260	1,3-Dichlorobenzene	9.34	146	486646	240.50	ng		96
77)	C309	p-Cymene (4-Isopropy	9.38	119	930519	248.46	ng		95
78)	C267	1,4-Dichlorobenzene	9.43	146	495212	238.16	ng		96
79)	C249	1,2-Dichlorobenzene	9.80	146	461401	235.98	ng		98
80)	C310	n-Butylbenzene	9.79	91	786386	239.39	ng		92
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	40505	210.88	ng		87
82)	C313	1,2,4-Trichlorobenze	11.23	180	342590	236.70	ng		99
83)	C316	Hexachlorobutadiene	11.37	225	172285	245.55	ng		95
84)	C314	Naphthalene	11.42	128	847889	217.75	ng		95
85)	C934	1,2,3-Trichlorobenze	11.61	180	319940	233.01	ng		99

(#) = qualifier out of range (m) = manual integration

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002194-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: F4235.RR Calibration Date: 09/03/2008 Time: 10:02

Intrument ID: HP5973F Init. Calib. Date(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Init. Calib. Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	0.2640	0.2626	0.1000	0.500	100.00
Bromomethane	0.1090	0.1152		-5.700	100.00
Vinyl chloride	0.2210	0.2273		-2.800	20.00
Chloroethane	0.0970	0.1006		-3.700	100.00
Methylene chloride	0.2870	0.3089		-7.600	100.00
Acetone	0.0590	0.0595		-0.900	100.00
Carbon Disulfide	0.6060	0.5945		1.900	100.00
1,1-Dichloroethene	0.1460	0.1444	0.1000	1.100	20.00
1,1-Dichloroethane	0.4200	0.3995	0.3000	4.900	100.00
cis-1,2-Dichloroethene	0.2760	0.2746		0.500	100.00
trans-1,2-Dichloroethene	0.2470	0.2502		-1.300	100.00
Chloroform	0.4150	0.3906		5.900	20.00
1,2-Dichloroethane	0.3210	0.2955		7.900	100.00
2-Butanone	0.1350	0.1321		2.200	100.00
1,1,1-Trichloroethane	0.3520	0.3458		1.800	100.00
Carbon Tetrachloride	0.3000	0.3050		-1.700	100.00
Bromodichloromethane	0.3050	0.2903		4.800	100.00
1,2-Dichloropropane	0.2560	0.2431		5.000	20.00
cis-1,3-Dichloropropene	0.4020	0.3922		2.400	100.00
Trichloroethene	0.2490	0.2521		-1.200	100.00
Dibromochloromethane	0.5410	0.6105		-12.800	100.00
1,1,2-Trichloroethane	0.4040	0.4154		-2.800	100.00
Benzene	0.9850	0.9667		1.900	100.00
trans-1,3-Dichloropropene	0.8180	0.8332		-1.900	100.00
Bromoform	0.3290	0.3912	0.1000	-18.900	100.00
4-Methyl-2-pentanone	0.6160	0.6526		-5.900	100.00
2-Hexanone	0.4440	0.4696		-5.800	100.00
Tetrachloroethene	0.5770	0.6703		-16.200	100.00
1,1,2,2-Tetrachloroethane	0.6190	0.6074	0.3000	1.900	100.00
Toluene	1.5100	1.5760		-4.400	20.00
Chlorobenzene	1.6400	1.7882	0.3000	-9.000	100.00
Ethylbenzene	2.6350	2.7902		-5.900	20.00
Styrene	1.7190	1.8492		-7.600	100.00
Total Xylenes	1.0240	1.1089		-8.300	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1530	0.1580		-3.300	100.00
1,2,4-Trichlorobenzene	0.9290	0.9526		-2.500	100.00
1,2-Dibromo-3-chloropropane	0.1230	0.1230		0.000	100.00
1,2-Dibromoethane	0.5160	0.5562		-7.800	100.00
1,2-Dichlorobenzene	1.2550	1.2616		-0.500	100.00

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002194-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: F4235.RR Calibration Date: 09/03/2008 Time: 10:02

Intrument ID: HP5973F Init. Calib. Date(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Init. Calib. Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.2990	1.3264		-2.100	100.00
1,4-Dichlorobenzene	1.3350	1.3411		-0.500	100.00
Cyclohexane	0.4160	0.4077		2.000	100.00
Dichlorodifluoromethane	0.1950	0.2115		-8.500	100.00
Methyl acetate	0.3120	0.3251		-4.200	100.00
Trichlorofluoromethane	0.2260	0.2438		-7.900	100.00
Methyl-t-Butyl Ether (MTBE)	0.7500	0.7087		5.500	100.00
Isopropylbenzene	2.4520	2.4797		-1.100	100.00
Methylcyclohexane	0.4110	0.4186		-1.800	100.00
Toluene-D8	2.3330	2.7037		-15.900	100.00
p-Bromofluorobenzene	0.7780	0.8932		-14.800	100.00
1,2-Dichloroethane-D4	0.2970	0.2944		0.900	100.00

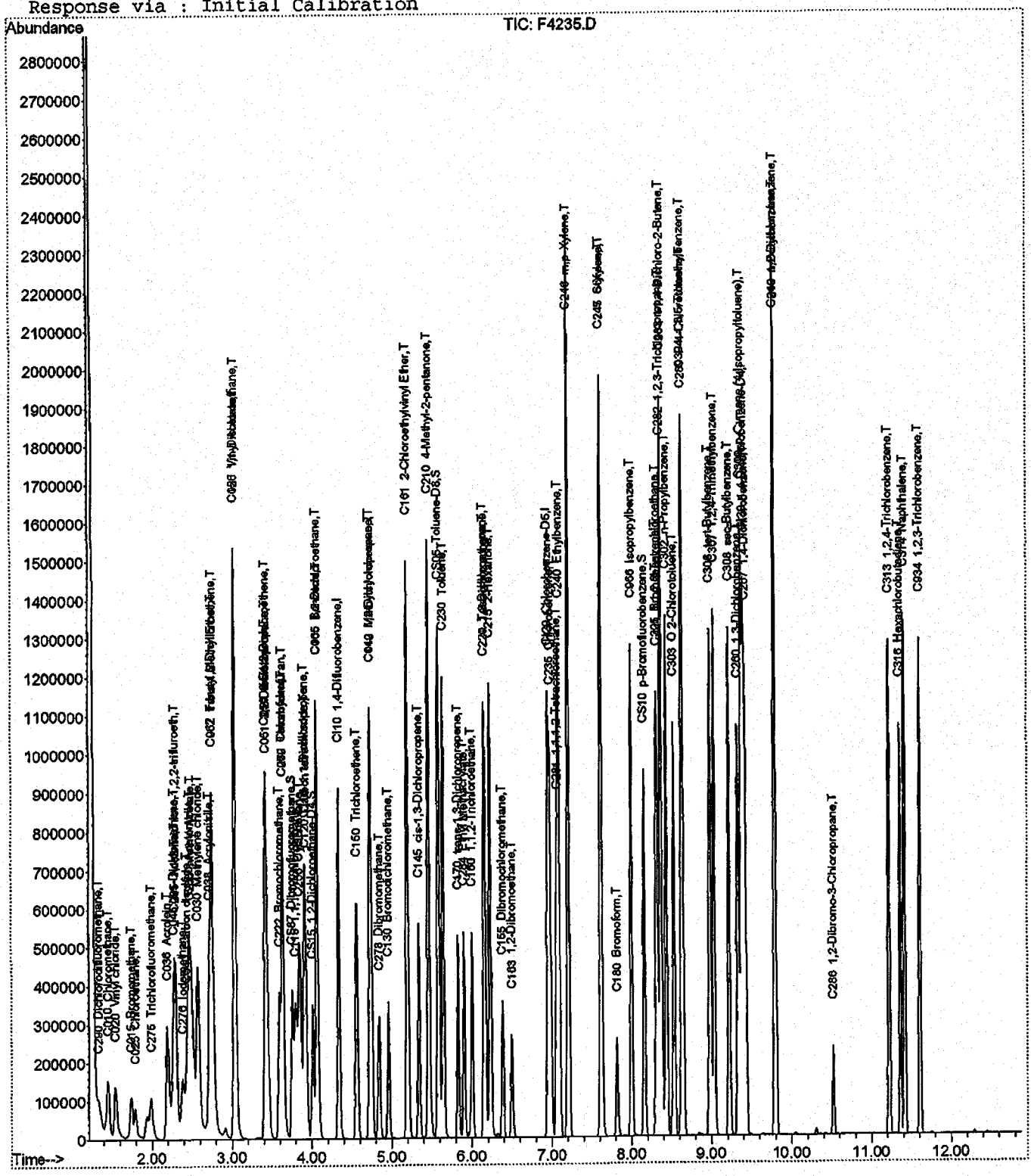
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\090308\F4235.D
Acq On : 3 Sep 2008 10:02
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 10:50 2008

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Sep 02 17:28:58 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4235.D Vial: 1
Acq On : 3 Sep 2008 10:02 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 10:51:19 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Sep 02 17:28:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090208\F4218.D (2 Sep 2008 11:50)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	819636	250.00	ng		0.00 91.74%
43) CI20	Chlorobenzene-D5	6.96	82	345574	250.00	ng		0.00 95.41%
63) CI30	1,4-Dichlorobenzene-	9.41	152	390289	250.00	ng		0.00 96.91%
System Monitoring Compounds								
27) CS87	Dibromofluoromethane	3.76	111	246170	269.39	ng		0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	107.76%		
32) CS15	1,2-Dichloroethane-D	4.01	65	241260	248.12	ng		0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	99.25%		
44) CS05	Toluene-D8	5.59	98	934312	289.77	ng		0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	115.91%		
62) CS10	p-Bromofluorobenzene	8.16	174	308670	287.07	ng		0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	114.83%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.34	85	173326	270.63	ng		100
3) C010	Chloromethane	1.46	50	215216	248.35	ng		100
4) C020	Vinyl chloride	1.55	62	186325	256.72	ng		98
5) C015	Bromomethane	1.74	94	94451	263.88	ng		88
6) C025	Chloroethane	1.79	64	82441	258.01	ng		94
7) C275	Trichlorofluorometha	1.98	101	199868	269.19	ng		98
8) C291	1,1,2-Trichloro-1,2,	2.30	101	129476	257.72	ng		97
9) C045	1,1-Dichloroethene	2.27	96	118354	247.76	ng		91
10) C030	Methylene chloride	2.58	84	253177	295.49	ng		98
11) C040	Carbon disulfide	2.44	76	487301	245.33	ng		96
12) C036	Acrolein	2.19	56	398365	4957.05	ng		98
13) C038	Acrylonitrile	2.71	53	394861	1261.98	ng		100
14) C035	Acetone	2.29	43	243703	1256.64	ng		95
15) C300	Acetonitrile	2.47	41	1029701	9791.28	ng		100
16) C276	Iodomethane	2.39	142	270491	244.68	ng		98
17) C255	Methyl Acetate	2.49	43	266447	260.63	ng		97
18) C962	T-butyl Methyl Ether	2.75	73	580910	236.31	ng		94
19) C057	trans-1,2-Dichloroet	2.75	96	205043	253.48	ng	#	80
20) C050	1,1-Dichloroethane	3.03	63	327471	237.85	ng		98
21) C125	Vinyl Acetate	3.03	43	2016719	1225.31	ng		95
22) C051	2,2-Dichloropropane	3.43	77	269995	248.61	ng		86
23) C056	cis-1,2-Dichloroethe	3.42	96	225053	248.38	ng		86
24) C272	Tetrahydrofuran	3.63	42	369352	1241.02	ng		95
25) C222	Bromochloromethane	3.60	128	119645	252.31	ng		87
26) C060	Chloroform	3.64	83	320142	235.47	ng		99
28) C256	Cyclohexane	3.85	56	334160	244.93	ng	#	100
29) C115	1,1,1-Trichloroethan	3.80	97	283452	245.48	ng		96
30) C120	Carbon tetrachloride	3.93	117	249960	254.12	ng		91
31) C116	1,1-Dichloropropene	3.91	75	256731	249.42	ng		85

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4235.D Vial: 1
Acq On : 3 Sep 2008 10:02 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 10:51:19 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Sep 02 17:28:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	792351	245.48	ng		97
34)	C065	1,2-Dichloroethane	4.07	62	242209	230.03	ng		88
35)	C110	2-Butanone	3.41	43	541335	1226.32	ng		96
36)	C150	Trichloroethene	4.56	95	206652	253.40	ng		87
37)	C161	2-Chloroethylvinyl E	5.20	63	637666	1251.96	ng	#	77
38)	C012	Methylcyclohexane	4.73	83	343067	254.78	ng		84
39)	C140	1,2-Dichloropropane	4.74	63	199282	237.15	ng		100
40)	C278	Dibromomethane	4.84	93	123058	245.02	ng		98
41)	C130	Bromodichloromethane	4.96	83	237944	237.98	ng		99
42)	C145	cis-1,3-Dichloroprop	5.34	75	321480	243.74	ng		90
45)	C230	Toluene	5.65	92	544640	260.86	ng		92
46)	C170	trans-1,3-Dichloropr	5.83	75	287933	254.75	ng		91
47)	C284	Ethyl Methacrylate	5.90	69	282793	264.08	ng		86
48)	C160	1,1,2-Trichloroethan	6.01	83	143567	256.95	ng		90
49)	C210	4-Methyl-2-pentanone	5.46	43	1127621	1324.05	ng		95
50)	C220	Tetrachloroethene	6.16	166	231628	290.41	ng		95
51)	C221	1,3-Dichloropropane	6.16	76	304066	257.41	ng		99
52)	C155	Dibromochloromethane	6.38	129	210975	281.89	ng		84
53)	C163	1,2-Dibromoethane	6.50	107	192198	269.69	ng		89
54)	C215	2-Hexanone	6.23	43	811465	1323.41	ng		92
55)	C235	Chlorobenzene	6.98	112	617946	272.67	ng		90
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	207986	277.35	ng		98
57)	C240	Ethylbenzene	7.09	91	964208	264.74	ng		94
58)	C246	m,p-Xylene	7.20	106	780738	553.59	ng		97
59)	C247	o-Xylene	7.61	106	383212	270.63	ng	#	78
60)	C245	Styrene	7.62	104	639028	268.86	ng		95
61)	C180	Bromoform	7.82	173	135205	297.61	ng		84
64)	C966	Isopropylbenzene	8.00	105	967809	252.79	ng		90
65)	C301	Bromobenzene	8.32	156	265230	249.60	ng		84
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	237064	245.31	ng		92
67)	C282	1,2,3-Trichloropropa	8.36	110	76995	249.04	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	356331	1227.64	ng	#	66
69)	C302	n-Propylbenzene	8.44	91	1149226	252.09	ng		97
70)	C303	O 2-Chlorotoluene	8.53	126	252313	251.76	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	260818	255.56	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	827940	251.58	ng		86
73)	C306	tert-Butylbenzene	8.98	134	194817	259.00	ng		90
74)	C307	1,2,4-Trimethylbenze	9.04	105	846083	250.21	ng		96
75)	C308	sec-Butylbenzene	9.22	105	1006654	253.89	ng		96
76)	C260	1,3-Dichlorobenzene	9.34	146	517661	255.32	ng		97
77)	C309	p-Cymene (4-Isopropy	9.38	119	974386	259.65	ng		94
78)	C267	1,4-Dichlorobenzene	9.43	146	523424	251.23	ng		97
79)	C249	1,2-Dichlorobenzene	9.80	146	492395	251.33	ng		98
80)	C310	n-Butylbenzene	9.79	91	829263	251.95	ng		92
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	48020	249.51	ng		90
82)	C313	1,2,4-Trichlorobenze	11.23	180	371780	256.36	ng		99
83)	C316	Hexachlorobutadiene	11.37	225	183414	260.89	ng		93
84)	C314	Naphthalene	11.41	128	974652	249.81	ng		96
85)	C934	1,2,3-Trichlorobenze	11.61	180	355737	258.57	ng		99

(#) = qualifier out of range (m) = manual integration

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002206-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: F4252.RR Calibration Date: 09/04/2008 Time: 10:48

Intrument ID: HP5973F Init. Calib. Date(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Init. Calib. Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	0.2640	0.2816	0.1000	-6.700	100.00
Bromomethane	0.1090	0.0910		16.500	100.00
Vinyl chloride	0.2210	0.2493		-12.800	20.00
Chloroethane	0.0970	0.0895		7.700	100.00
Methylene chloride	0.2870	0.3151		-9.800	100.00
Acetone	0.0590	0.0629		-6.600	100.00
Carbon Disulfide	0.6060	0.6724		-11.000	100.00
1,1-Dichloroethene	0.1460	0.1663	0.1000	-13.900	20.00
1,1-Dichloroethane	0.4200	0.4329	0.3000	-3.100	100.00
cis-1,2-Dichloroethene	0.2760	0.2912		-5.500	100.00
trans-1,2-Dichloroethene	0.2470	0.2672		-8.200	100.00
Chloroform	0.4150	0.4108		1.000	20.00
1,2-Dichloroethane	0.3210	0.3019		6.000	100.00
2-Butanone	0.1350	0.1302		3.600	100.00
1,1,1-Trichloroethane	0.3520	0.3733		-6.000	100.00
Carbon Tetrachloride	0.3000	0.3300		-10.000	100.00
Bromodichloromethane	0.3050	0.3022		0.900	100.00
1,2-Dichloropropane	0.2560	0.2584		-0.900	20.00
cis-1,3-Dichloropropene	0.4020	0.4082		-1.500	100.00
Trichloroethene	0.2490	0.2670		-7.200	100.00
Dibromochloromethane	0.5410	0.6128		-13.300	100.00
1,1,2-Trichloroethane	0.4040	0.4228		-4.600	100.00
Benzene	0.9850	1.0327		-4.800	100.00
trans-1,3-Dichloropropene	0.8180	0.8502		-3.900	100.00
Bromoform	0.3290	0.3915	0.1000	-19.000	100.00
4-Methyl-2-pentanone	0.6160	0.6391		-3.800	100.00
2-Hexanone	0.4440	0.4553		-2.600	100.00
Tetrachloroethene	0.5770	0.7073		-22.600	100.00
1,1,2,2-Tetrachloroethane	0.6190	0.6129	0.3000	1.000	100.00
Toluene	1.5100	1.6261		-7.700	20.00
Chlorobenzene	1.6400	1.8595	0.3000	-13.400	100.00
Ethylbenzene	2.6350	2.9657		-12.600	20.00
Styrene	1.7190	1.9138		-11.300	100.00
Total Xylenes	1.0240	1.1579		-13.100	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1530	0.1894		-23.800	100.00
1,2,4-Trichlorobenzene	0.9290	1.0008		-7.700	100.00
1,2-Dibromo-3-chloropropane	0.1230	0.1190		3.200	100.00
1,2-Dibromoethane	0.5160	0.5590		-8.300	100.00
1,2-Dichlorobenzene	1.2550	1.3389		-6.700	100.00

VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002206-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: F4252.RR Calibration Date: 09/04/2008 Time: 10:48

Intrument ID: HP5973F Init. Calib. Date(s): 08/18/2008 08/19/2008

Heated Purge (Y/N): Y Init. Calib. Times: 22:20 00:02

GC Column: ZB-624 ID: 0.20(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.2990	1.3938		-7.300	100.00
1,4-Dichlorobenzene	1.3350	1.4103		-5.600	100.00
Cyclohexane	0.4160	0.4528		-8.800	100.00
Dichlorodifluoromethane	0.1950	0.2256		-15.700	100.00
Methyl acetate	0.3120	0.3297		-5.700	100.00
Trichlorofluoromethane	0.2260	0.2759		-22.100	100.00
Methyl-t-Butyl Ether (MTBE)	0.7500	0.7315		2.500	100.00
Isopropylbenzene	2.4520	2.6603		-8.500	100.00
Methylcyclohexane	0.4110	0.4633		-12.700	100.00
Toluene-D8	2.3330	2.6989		-15.700	100.00
p-Bromofluorobenzene	0.7780	0.8833		-13.500	100.00
1,2-Dichloroethane-D4	0.2970	0.2937		1.100	100.00

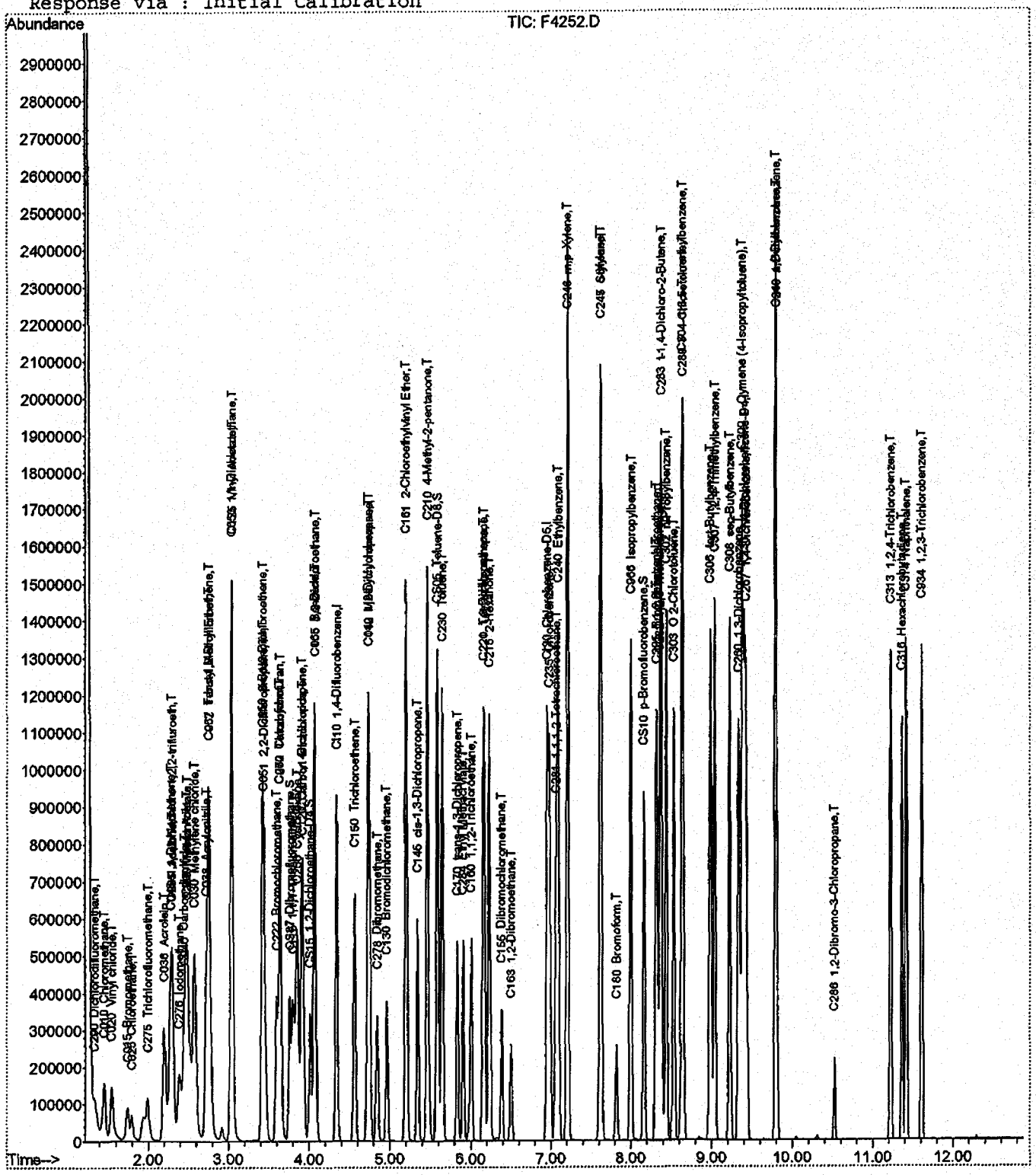
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\090408\F4252.D
Acq On : 4 Sep 2008 10:48
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 11:15 2008

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:25:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4252.D Vial: 1
Acq On : 4 Sep 2008 10:48 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 11:16:34 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:25:34 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090308\F4235.D (3 Sep 2008 10:02)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	820599	250.00	ng		0.00 100.12%
43) CI20	Chlorobenzene-D5	6.96	82	349739	250.00	ng		0.00 101.21%
63) CI30	1,4-Dichlorobenzene-	9.41	152	387166	250.00	ng		0.00 99.20%
System Monitoring Compounds								
27) CS87	Dibromofluoromethane	3.76	111	249350	272.54	ng		0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	109.02%		
32) CS15	1,2-Dichloroethane-D	4.01	65	241029	247.60	ng		0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	99.04%		
44) CS05	Toluene-D8	5.59	98	943923	289.27	ng		0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	115.71%		
62) CS10	p-Bromofluorobenzene	8.17	174	308910	283.87	ng		0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	113.55%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.34	85	185087	288.65	ng		100
3) C010	Chloromethane	1.46	50	231091	266.35	ng		99
4) C020	Vinyl chloride	1.55	62	204535	281.48	ng		98
5) C015	Bromomethane	1.74	94	74669	208.36	ng		87
6) C025	Chloroethane	1.79	64	73479	229.69	ng		96
7) C275	Trichlorofluorometha	1.99	101	226423	304.60	ng		92
8) C291	1,1,2-Trichloro-1,2,	2.30	101	155430	309.02	ng		97
9) C045	1,1-Dichloroethene	2.28	96	136471	285.35	ng		99
10) C030	Methylene chloride	2.58	84	258609	301.71	ng		97
11) C040	Carbon disulfide	2.44	76	551731	277.44	ng		97
12) C036	Acrolein	2.20	56	418044	5195.82	ng		98
13) C038	Acrylonitrile	2.72	53	393751	1256.95	ng		100
14) C035	Acetone	2.29	43	258277	1330.23	ng		95
15) C300	Acetonitrile	2.47	41	1119488	10632.56	ng		100
16) C276	Iodomethane	2.39	142	311556	281.50	ng		99
17) C255	Methyl Acetate	2.49	43	270575	264.36	ng		95
18) C962	T-butyl Methyl Ether	2.75	73	600307	243.92	ng		93
19) C057	trans-1,2-Dichloroet	2.75	96	219302	270.79	ng	#	79
20) C050	1,1-Dichloroethane	3.03	63	355214	257.69	ng		98
21) C125	Vinyl Acetate	3.04	43	2029835	1231.83	ng		95
22) C051	2,2-Dichloropropane	3.44	77	291561	268.16	ng		91
23) C056	cis-1,2-Dichloroethe	3.43	96	238982	263.45	ng		88
24) C272	Tetrahydrofuran	3.63	42	368330	1236.13	ng		95
25) C222	Bromochloromethane	3.60	128	122791	258.64	ng		89
26) C060	Chloroform	3.64	83	337114	247.66	ng		98
28) C256	Cyclohexane	3.85	56	371543	272.01	ng	#	100
29) C115	1,1,1-Trichloroethan	3.80	97	306361	265.01	ng		97
30) C120	Carbon tetrachloride	3.93	117	270806	274.99	ng		93
31) C116	1,1-Dichloropropene	3.91	75	275657	267.49	ng		84

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4252.D Vial: 1
Acq On : 4 Sep 2008 10:48 Operator: LH
Sample : VSTD050 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 11:16:34 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 17:25:34 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	847466	262.24	ng		97
34)	C065	1,2-Dichloroethane	4.07	62	247719	234.99	ng		88
35)	C110	2-Butanone	3.41	43	534387	1209.16	ng		95
36)	C150	Trichloroethene	4.56	95	219096	268.34	ng		83
37)	C161	2-Chloroethylvinyl E	5.20	63	659220	1292.76	ng	#	76
38)	C012	Methylcyclohexane	4.73	83	380149	281.99	ng		87
39)	C140	1,2-Dichloropropane	4.74	63	212064	252.06	ng		100
40)	C278	Dibromomethane	4.84	93	125390	249.37	ng		95
41)	C130	Bromodichloromethane	4.96	83	247948	247.70	ng		98
42)	C145	cis-1,3-Dichloroprop	5.34	75	334965	253.66	ng		88
45)	C230	Toluene	5.65	92	568724	269.15	ng		93
46)	C170	trans-1,3-Dichloropr	5.83	75	297360	259.96	ng		93
47)	C284	Ethyl Methacrylate	5.90	69	283080	261.20	ng		88
48)	C160	1,1,2-Trichloroethan	6.01	83	147855	261.47	ng		96
49)	C210	4-Methyl-2-pentanone	5.46	43	1117620	1296.68	ng		93
50)	C220	Tetrachloroethene	6.16	166	247377	306.47	ng		93
51)	C221	1,3-Dichloropropane	6.16	76	312854	261.69	ng		97
52)	C155	Dibromochloromethane	6.38	129	214324	282.95	ng		84
53)	C163	1,2-Dibromoethane	6.50	107	195491	271.05	ng		93
54)	C215	2-Hexanone	6.23	43	796129	1282.93	ng		92
55)	C235	Chlorobenzene	6.99	112	650346	283.55	ng		90
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	217852	287.04	ng		98
57)	C240	Ethylbenzene	7.09	91	1037229	281.40	ng		93
58)	C246	m,p-Xylene	7.20	106	831048	582.24	ng		99
59)	C247	o-Xylene	7.61	106	404966	282.59	ng	#	79
60)	C245	Styrene	7.62	104	669338	278.26	ng		96
61)	C180	Bromoform	7.82	173	136914	297.78	ng		85
64)	C966	Isopropylbenzene	8.00	105	1029976	271.20	ng		91
65)	C301	Bromobenzene	8.32	156	278693	264.38	ng	#	83
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	237292	247.53	ng		93
67)	C282	1,2,3-Trichloropropa	8.35	110	76970	250.96	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	354765	1232.10	ng	#	68
69)	C302	n-Propylbenzene	8.44	91	1224589	270.79	ng		99
70)	C303	O 2-Chlorotoluene	8.53	126	270953	272.54	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	276661	273.27	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	884767	271.02	ng		86
73)	C306	tert-Butylbenzene	8.98	134	208438	279.34	ng		89
74)	C307	1,2,4-Trimethylbenze	9.04	105	895656	267.01	ng		96
75)	C308	sec-Butylbenzene	9.22	105	1080801	274.79	ng		96
76)	C260	1,3-Dichlorobenzene	9.33	146	539621	268.30	ng		96
77)	C309	p-Cymene (4-Isopropy	9.38	119	1052491	282.73	ng		94
78)	C267	1,4-Dichlorobenzene	9.43	146	546034	264.19	ng		95
79)	C249	1,2-Dichlorobenzene	9.80	146	518370	266.73	ng		96
80)	C310	n-Butylbenzene	9.79	91	886352	271.46	ng		92
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	46063	241.27	ng		84
82)	C313	1,2,4-Trichlorobenze	11.23	180	387457	269.33	ng		100
83)	C316	Hexachlorobutadiene	11.37	225	195475	280.29	ng		96
84)	C314	Naphthalene	11.41	128	977143	252.46	ng		96
85)	C934	1,2,3-Trichlorobenze	11.61	180	360950	264.47	ng		100

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002262-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: N0841.RR Calibration Date: 09/09/2008 Time: 09:08

Intrument ID: HP5973N Init. Calib. Date(s): 09/05/2008 09/05/2008

Heated Purge (Y/N): N Init. Calib. Times: 15:53 17:53

GC Column: ZB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5620	0.6071	0.1000	-8.000	100.00
Bromomethane	0.4290	0.5132	0.0100	-19.600	100.00
Vinyl chloride	0.5670	0.6252	0.0100	-10.300	20.00
Chloroethane	0.4070	0.4637	0.0100	-13.900	100.00
Methylene chloride	0.8190	0.7162	0.0100	12.600	100.00
Acetone	0.2370	0.2574	0.0100	-8.600	100.00
Carbon Disulfide	1.6720	1.9072	0.0100	-14.100	100.00
1,1-Dichloroethene	0.5720	0.6392	0.0100	-11.700	20.00
1,1-Dichloroethane	0.8250	0.8378	0.1000	-1.600	100.00
cis-1,2-Dichloroethene	0.5030	0.5137	0.0100	-2.100	100.00
trans-1,2-Dichloroethene	0.5780	0.5990	0.0100	-3.600	100.00
Chloroform	0.8100	0.8205	0.0100	-1.300	20.00
1,2-Dichloroethane	0.6700	0.7023	0.0100	-4.800	100.00
2-Butanone	0.3580	0.3734	0.0100	-4.300	100.00
1,1,1-Trichloroethane	0.6250	0.6858	0.0100	-9.700	100.00
Carbon Tetrachloride	0.4840	0.5440	0.0100	-12.400	100.00
Bromodichloromethane	0.5250	0.5692	0.0100	-8.400	100.00
1,2-Dichloropropane	0.4810	0.4892	0.0100	-1.700	20.00
cis-1,3-Dichloropropene	0.7070	0.7729	0.0100	-9.300	100.00
Trichloroethene	0.4830	0.4888	0.0100	-1.200	100.00
Dibromochloromethane	0.4200	0.4845	0.0100	-15.400	100.00
1,1,2-Trichloroethane	0.4030	0.4237	0.0100	-5.100	100.00
Benzene	1.9970	1.9892	0.0100	0.400	100.00
trans-1,3-Dichloropropene	0.6990	0.7961	0.0100	-13.900	100.00
Bromoform	0.4720	0.5698	0.1000	-20.700	100.00
4-Methyl-2-pentanone	0.8290	0.9025	0.0100	-8.900	100.00
2-Hexanone	0.6380	0.7070	0.0100	-10.800	100.00
Tetrachloroethene	0.5620	0.5783	0.0100	-2.900	100.00
1,1,2,2-Tetrachloroethane	1.2640	1.2939	0.3000	-2.400	100.00
Toluene	1.3630	1.3925	0.0100	-2.200	20.00
Chlorobenzene	1.5090	1.5004	0.3000	0.600	100.00
Ethylbenzene	2.5880	2.7409	0.0100	-5.900	20.00
Styrene	1.6250	1.7109	0.0100	-5.300	100.00
Total Xylenes	0.9630	1.0054	0.0100	-4.400	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.5810	0.6512	0.0100	-12.100	100.00
1,2,4-Trichlorobenzene	1.2880	1.2534	0.0100	2.700	100.00
1,2-Dibromo-3-chloropropane	0.2090	0.2394	0.0100	-14.500	100.00
1,2-Dibromoethane	0.5070	0.5402	0.0100	-6.500	100.00
1,2-Dichlorobenzene	2.1690	2.1489	0.0100	0.900	100.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002262-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: N0841.RR Calibration Date: 09/09/2008 Time: 09:08

Intrument ID: HP5973N Init. Calib. Date(s): 09/05/2008 09/05/2008

Heated Purge (Y/N): N Init. Calib. Times: 15:53 17:53

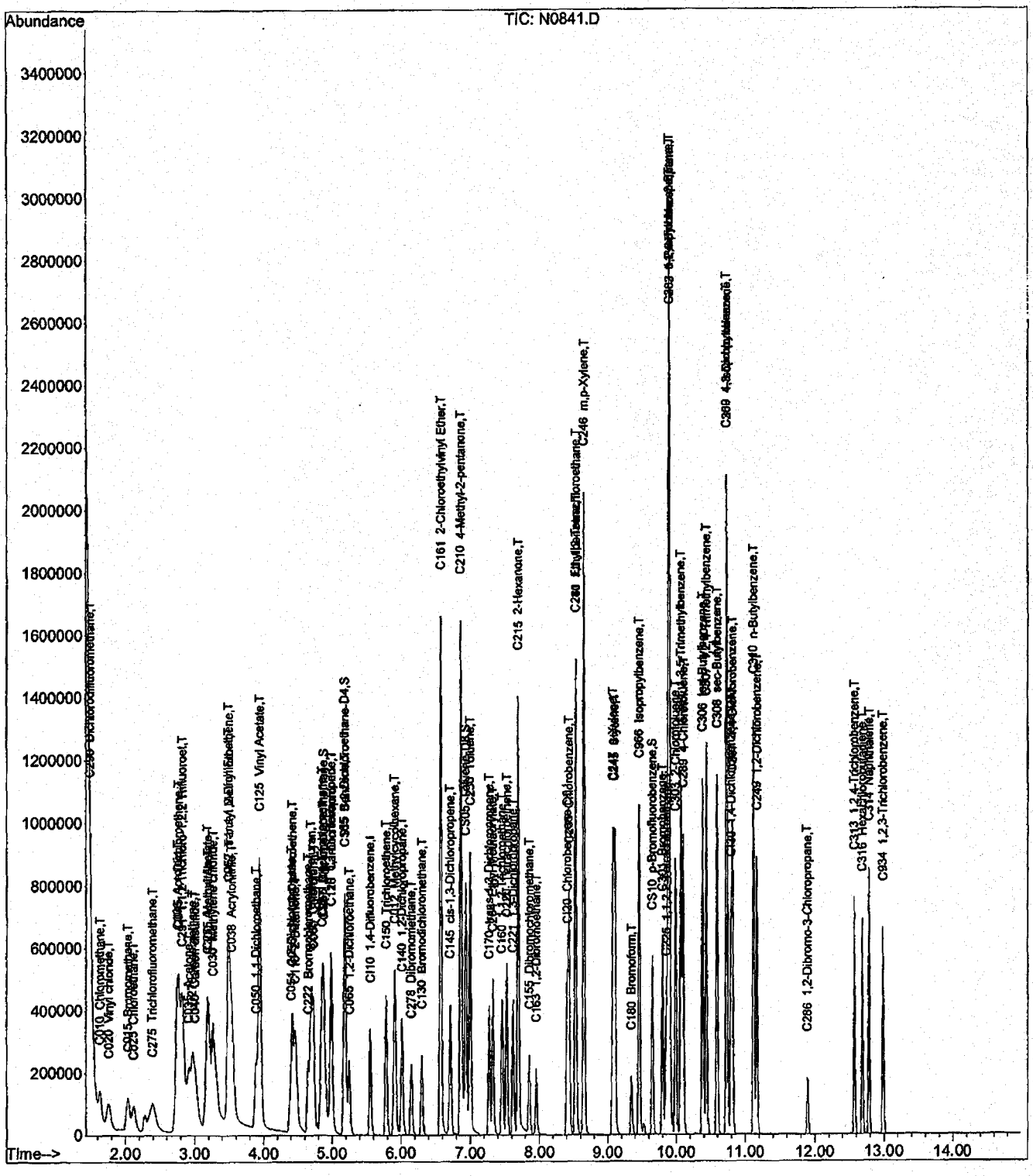
GC Column: ZB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.3520	2.4359	0.0100	-3.600	100.00
1,4-Dichlorobenzene	2.4700	2.3695	0.0100	4.100	100.00
Cyclohexane	0.7940	0.8732	0.0100	-10.000	100.00
Dichlorodifluoromethane	0.2840	0.4183	0.0100	-47.300	100.00
Methyl acetate	1.4620	1.5729	0.0100	-7.600	100.00
Trichlorofluoromethane	0.9200	1.1275	0.0100	-22.600	100.00
Methyl-t-Butyl Ether (MTBE)	1.6070	1.7907	0.0100	-11.400	100.00
Isopropylbenzene	4.3570	4.6087	0.0100	-5.800	100.00
Methylcyclohexane	0.7780	0.8398	0.0100	-7.900	100.00
Toluene-D8	1.7640	1.8790	0.0100	-6.500	100.00
p-Bromofluorobenzene	0.5410	0.5652	0.0100	-4.500	100.00
1,2-Dichloroethane-D4	0.4980	0.5261	0.0100	-5.600	100.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0841.D Vial: 2
Acq On : 9 Sep 2008 9:08 Operator: RJ
Sample : VSTD025 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 09 09:25:40 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0841.D Vial: 2
Acq On : 9 Sep 2008 9:08 Operator: RJ
Sample : VSTD025 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:25:40 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	308161	125.00	ng		0.00 92.65%
43) CI20	Chlorobenzene-D5	8.41	117	285209	125.00	ng		0.00 90.85%
62) CI30	1,4-Dichlorobenzene-	10.79	152	159978	125.00	ng		0.00 90.05%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.88	111	129017	133.25	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	106.60%		
31) CS15	1,2-Dichloroethane-D	5.18	65	162128	132.12	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	105.70%		
44) CS05	Toluene-D8	6.93	98	535913	133.12	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	106.50%		
61) CS10	p-Bromofluorobenzene	9.65	174	161189	130.66	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	104.53%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.50	85	128898	183.90	ng		99
3) C010	Chloromethane	1.64	50	187093	135.15	ng		98
4) C020	Vinyl chloride	1.77	62	192660	137.85	ng		91
5) C015	Bromomethane	2.04	94	158135	149.41	ng		100
6) C025	Chloroethane	2.12	64	142883	142.55	ng		97
7) C275	Trichlorofluorometha	2.39	101	347446m	153.12	ng		82
8) C045	1,1-Dichloroethene	2.77	96	196985m	139.73	ng		88
9) C030	Methylene chloride	3.27	84	220703	144.45	ng		92
10) C040	Carbon disulfide	3.01	76	587738m	142.63	ng		99
11) C036	Acrolein	2.75	56	863549	2801.99	ng		99
12) C038	Acrylonitrile	3.54	53	409359	659.05	ng		99
13) C035	Acetone	2.91	43	396553	677.94	ng		96
14) C300	Acetonitrile	3.20	41	918971	5469.91	ng		98
15) C276	Iodomethane	2.97	142	351205m	135.06	ng	#	93
16) C291	1,1,2 Trichloro-1,2,	2.82	101	200684	140.17	ng		91
17) C962	T-butyl Methyl Ether	3.50	73	551821	139.33	ng	#	86
18) C057	trans-1,2-Dichloroet	3.48	96	184597	129.61	ng	#	82
19) C255	Methyl Acetate	3.19	43	484693	149.43	ng	#	85
20) C050	1,1-Dichloroethane	3.89	63	258188	126.94	ng		97
21) C125	Vinyl Acetate	3.94	43	1894703	671.66	ng	#	95
22) C051	2,2-Dichloropropane	4.40	77	172413	144.38	ng		98
23) C056	cis-1,2-Dichloroethe	4.43	96	158297	127.58	ng	#	88
24) C272	Tetrahydrofuran	4.70	42	395655	662.58	ng	#	81
25) C222	Bromochloromethane	4.66	128	77023	128.42	ng	#	68
26) C060	Chloroform	4.73	83	252834	126.66	ng		98
27) C115	1,1,1-Trichloroethan	4.85	97	211330	137.20	ng		97
28) C120	Carbon tetrachloride	4.98	117	167634	123.56	ng		97
29) C116	1,1-Dichloropropene	4.99	75	207054	131.90	ng		98
32) C165	Benzene	5.19	78	613000	124.52	ng		100
33) C065	1,2-Dichloroethane	5.25	62	216413	130.95	ng		91
34) C110	2-Butanone	4.47	43	575358	652.83	ng		96
35) C256	Cyclohexane	4.86	56	269077	137.40	ng		96
36) C150	Trichloroethene	5.78	95	150625	126.56	ng	#	77
37) C140	1,2-Dichloropropane	6.02	63	150752	127.26	ng		88
38) C278	Dibromomethane	6.15	93	95642	128.30	ng		96

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0841.D Vial: 2
Acq On : 9 Sep 2008 9:08 Operator: RJ
Sample : VSTD025 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:25:40 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090508\N0819.D (5 Sep 2008 17:05)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	175393	135.49	ng		97
40) C161	2-Chloroethylviny1 E	6.58	63	709875	674.24	ng		94
41) C012	Methylcycolhexane	5.91	83	258798	135.00	ng		94
42) C145	cis-1,3-Dichloroprop	6.71	75	238191	136.71	ng		94
45) C230	Toluene	7.00	92	397147	127.71	ng		94
46) C170	trans-1,3-Dichloropr	7.27	75	227056	142.28	ng		86
47) C284	Ethyl Methacrylate	7.33	69	261962	141.29	ng		94
48) C160	1,1,2-Trichloroethan	7.46	83	120833	131.48	ng		89
49) C210	4-Methyl-2-pentanone	6.86	43	1287027	680.63	ng	#	94
50) C220	Tetrachloroethene	7.53	166	164935	128.73	ng		94
51) C221	1,3-Dichloropropane	7.62	76	260772	131.29	ng		97
52) C155	Dibromochloromethane	7.86	129	138184	125.66	ng		95
53) C163	1,2-Dibromoethane	7.96	107	154079	133.14	ng		98
54) C215	2-Hexanone	7.69	43	1008272	692.39	ng		98
55) C235	Chlorobenzene	8.44	112	427939	124.29	ng		87
56) C281	1,1,1,2-Tetrachloroe	8.53	131	140428	124.37	ng		92
57) C240	Ethylbenzene	8.53	91	781735	132.37	ng		97
58) C246	m,p-Xylene	8.65	106	622842	259.35	ng	#	84
59) C247	o-Xylene	9.08	106	286761	130.53	ng	#	83
60) C245	Styrene	9.11	104	487960	131.60	ng		95
63) C180	Bromoform	9.35	173	91163	124.52	ng		100
64) C966	Isopropylbenzene	9.46	105	737289	132.21	ng		95
65) C301	Bromobenzene	9.81	156	181932	127.07	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	9.85	83	206988	127.93	ng		98
67) C282	1,2,3-Trichloropropa	9.89	110	81186	134.72	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	207892	685.64	ng		87
69) C302	n-Propylbenzene	9.89	91	1060293	137.38	ng		89
70) C303	2-Chlorotoluene	9.99	126	174211	129.46	ng		100
71) C289	4-Chlorotoluene	10.10	126	183858	129.21	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	617803	131.10	ng	#	45
73) C306	tert-Butylbenzene	10.38	134	135274	133.16	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	629222	131.80	ng		96
75) C308	sec-Butylbenzene	10.60	105	760859	133.76	ng		93
76) C260	1,3-Dichlorobenzene	10.73	146	389698	129.46	ng		93
77) C309	4-Isopropyltoluene	10.74	119	730334	135.25	ng		95
78) C267	1,4-Dichlorobenzene	10.82	146	379066	119.94	ng		96
79) C249	1,2-Dichlorobenzene	11.17	146	343773	123.87	ng		93
80) C310	n-Butylbenzene	11.12	91	647209	134.79	ng		90
81) C286	1,2-Dibromo-3-Chloro	11.89	75	38292	123.60	ng		84
82) C313	1,2,4-Trichlorobenze	12.57	180	200514	121.63	ng		100
83) C316	Hexachlorobutadiene	12.69	225	108974	123.83	ng		93
84) C314	Naphthalene	12.79	128	580378	123.83	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	174500	119.19	ng		99

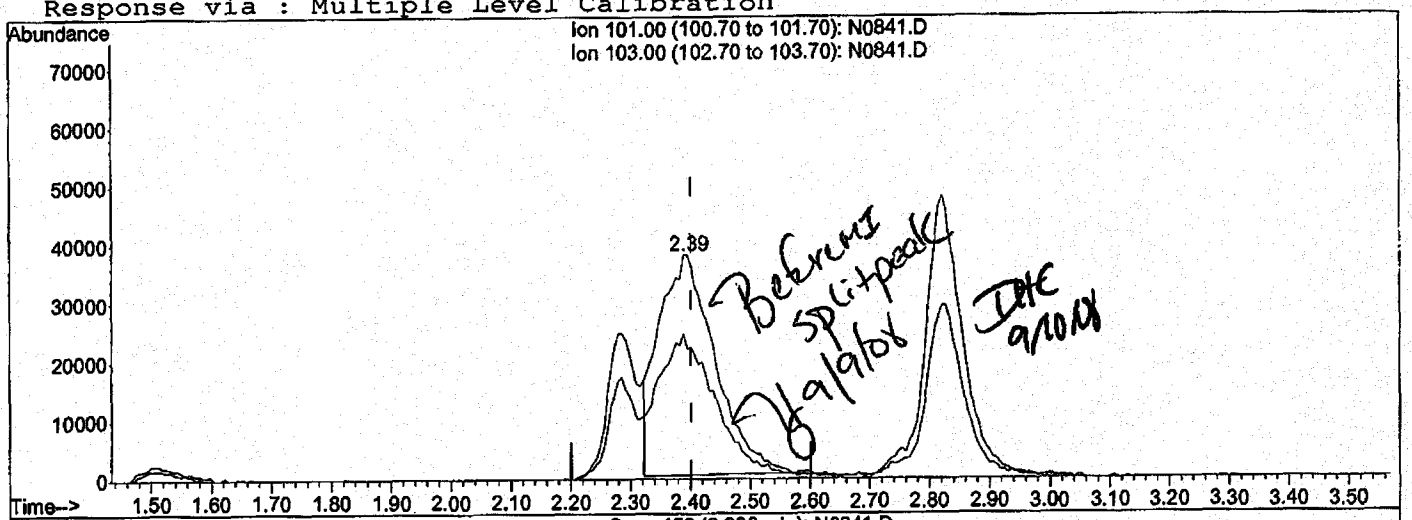
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration



TIC: N0841.D

(7) C275 Trichlorofluoromethane (T)

2.39min (-0.013) 107.84ng

response 244688

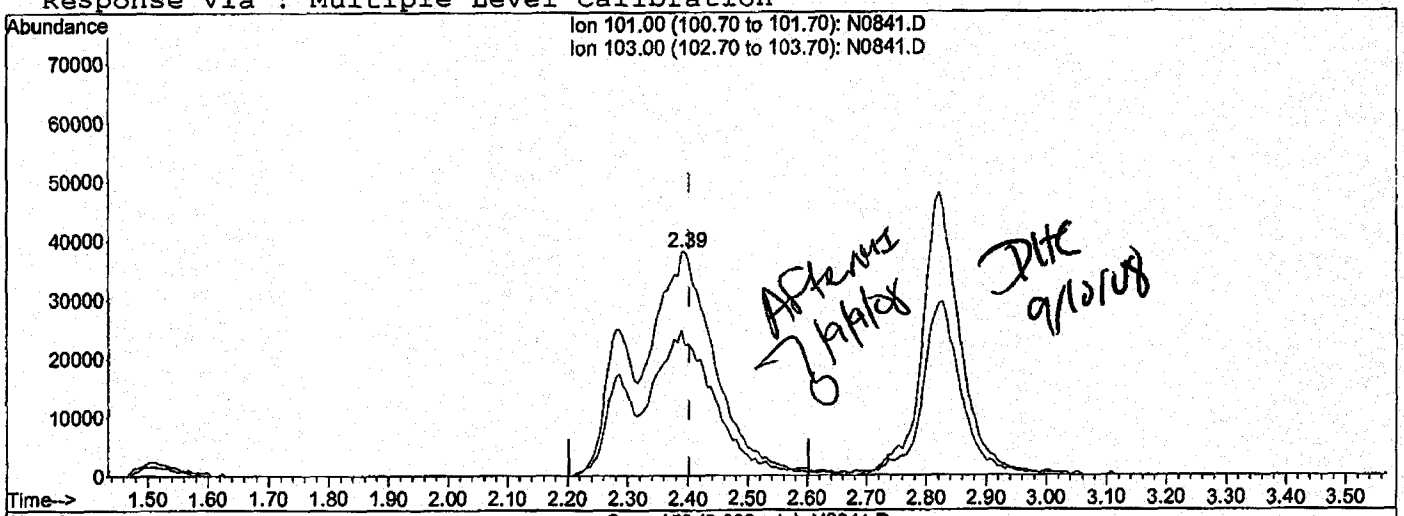
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	64.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration



TIC: N0841.D

(7) C275 Trichlorofluoromethane (T)

2.39min (-0.013) 153.12ng m

response 347446

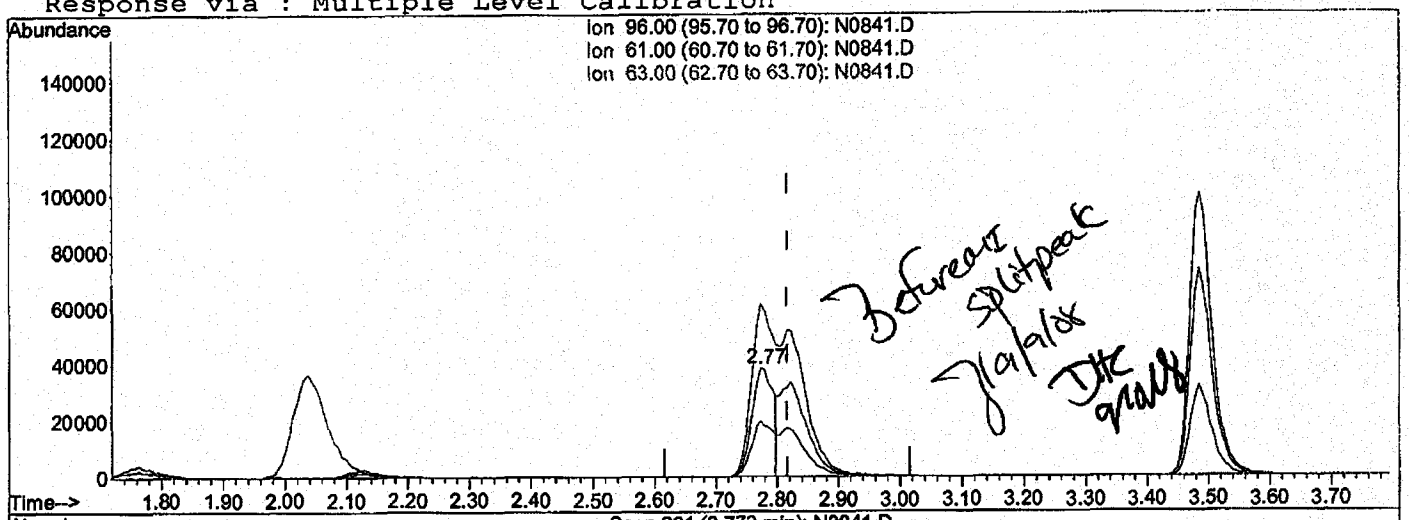
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	64.88
0.00	0.00	0.00
0.00	0.00	0.00

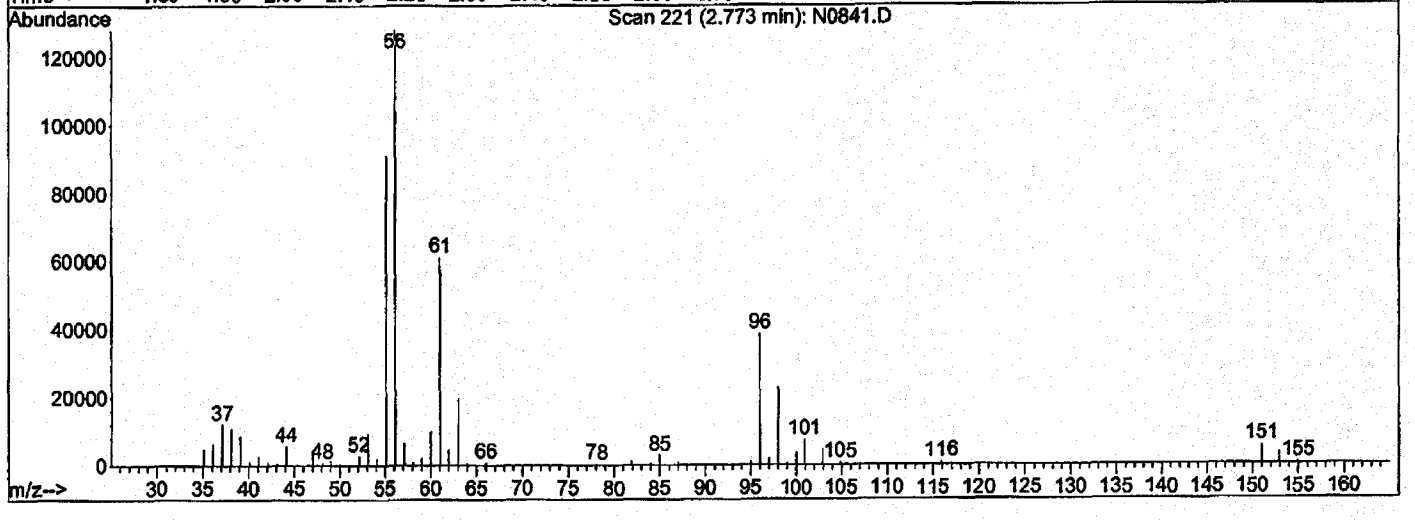
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration





TIC: N0841.D

(8) C045 1,1-Dichloroethene (T)

2.77min (-0.043) 66.79ng

response 94163

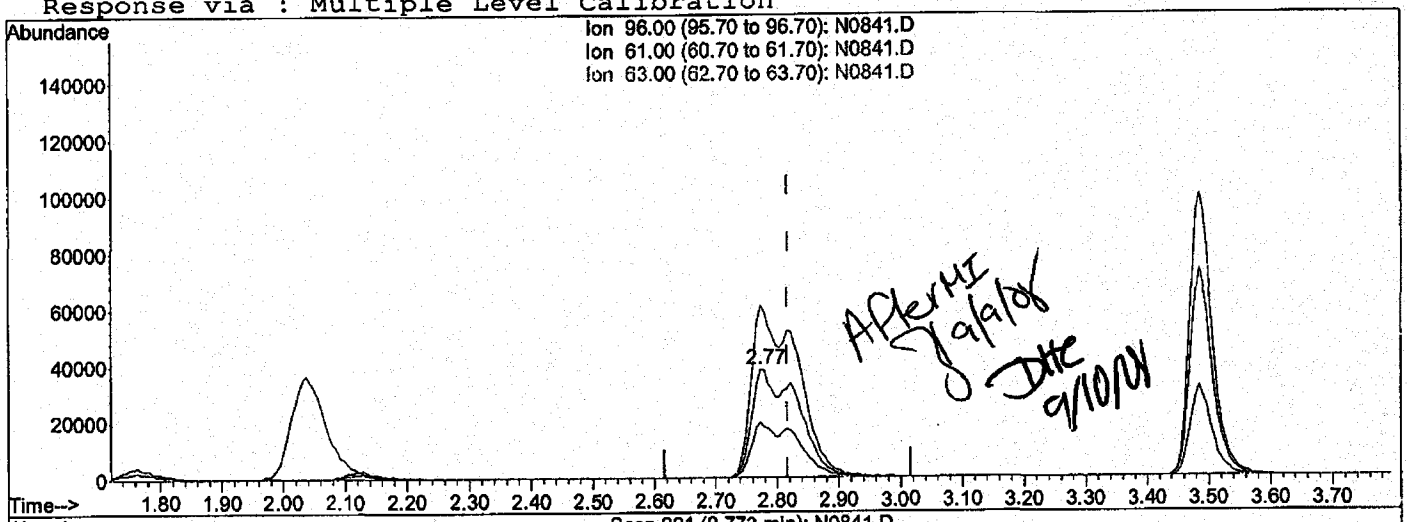
Ion	Exp%	Act%
96.00	100	100
61.00	179.00	159.13
63.00	55.20	50.89
0.00	0.00	0.00

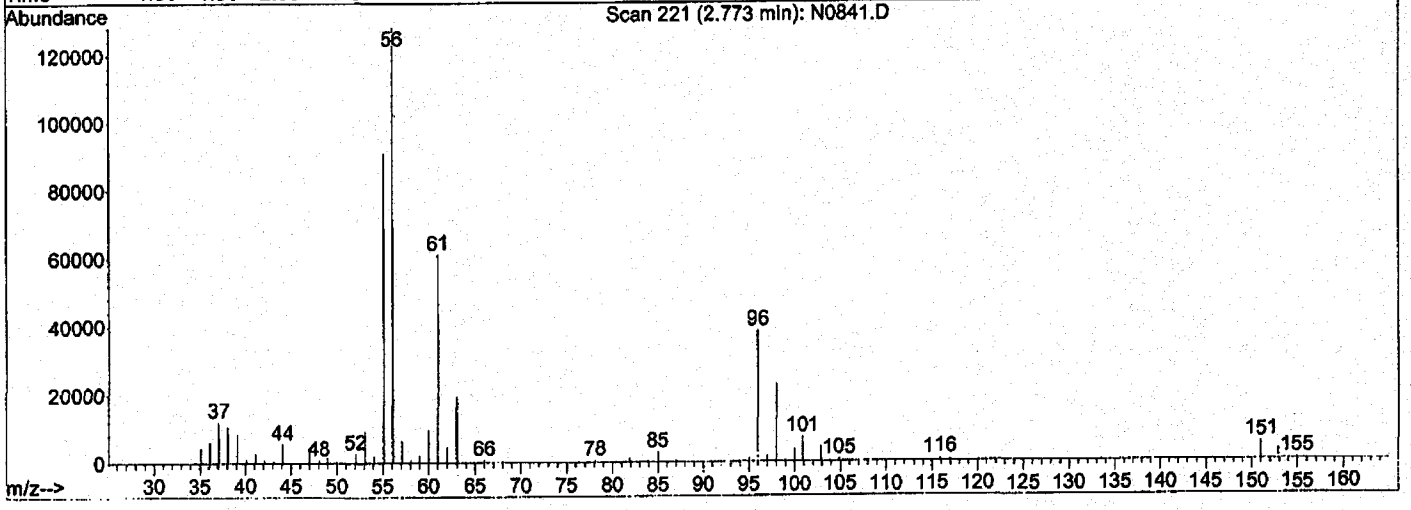
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration





TIC: N0841.D

(8) C045 1,1-Dichloroethene (T)

2.77min (-0.043) 139.73ng m

response 196985

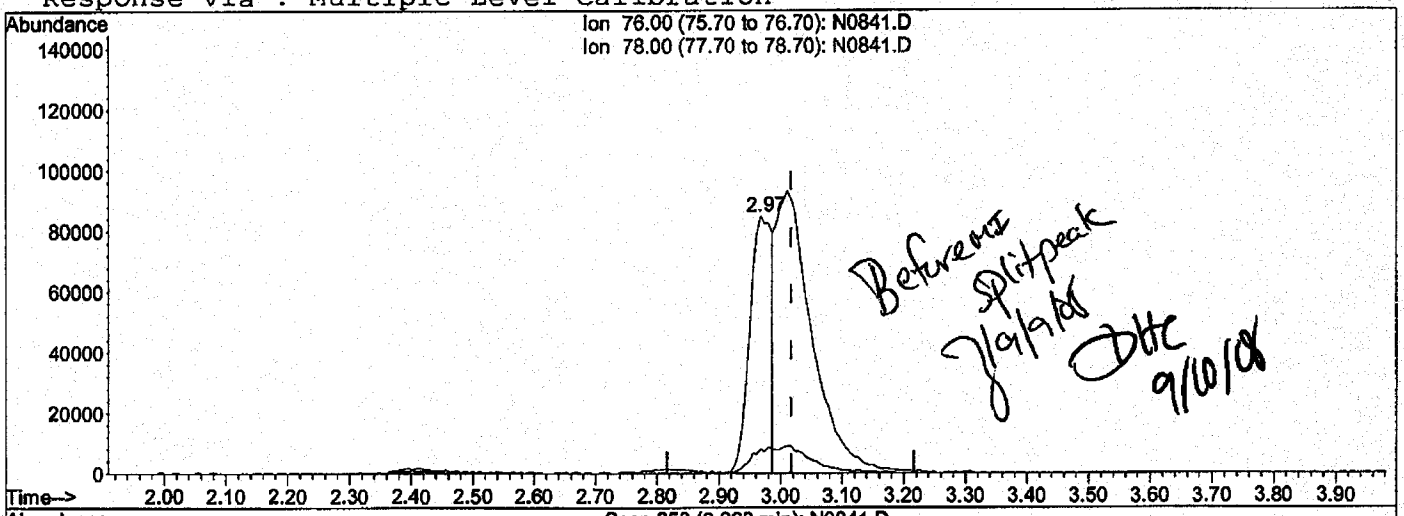
Ion	Exp%	Act%
96.00	100	100
61.00	179.00	159.13
63.00	55.20	50.89
0.00	0.00	0.00

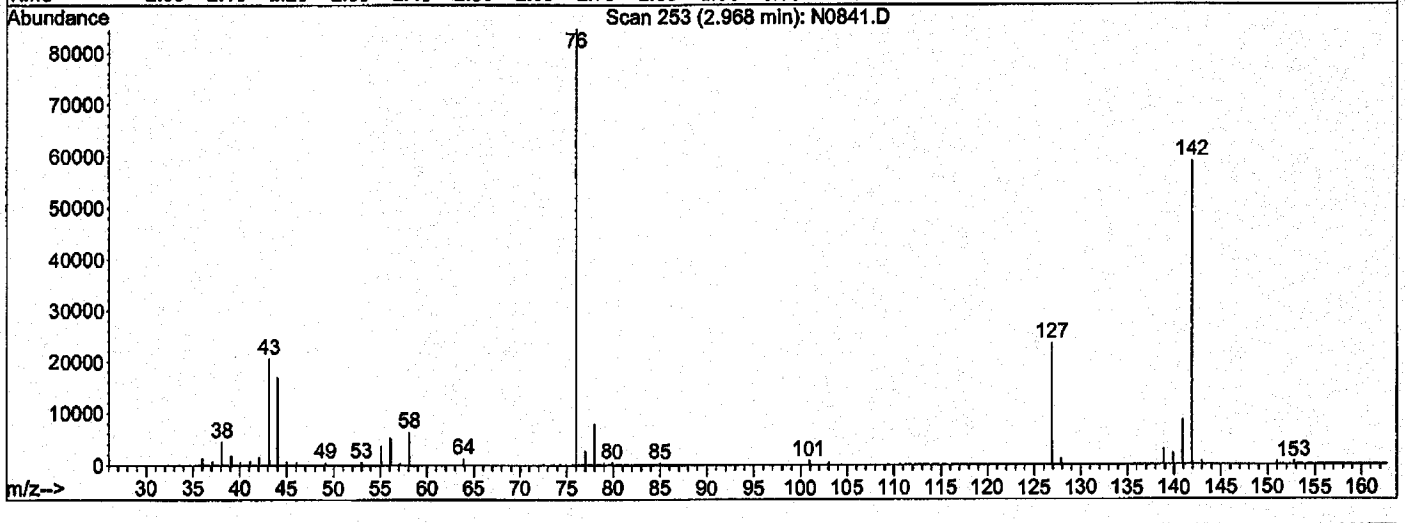
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration





TIC: N0841.D

(10) C040 Carbon disulfide (T)

2.97min (-0.049) 50.87ng

response 209602

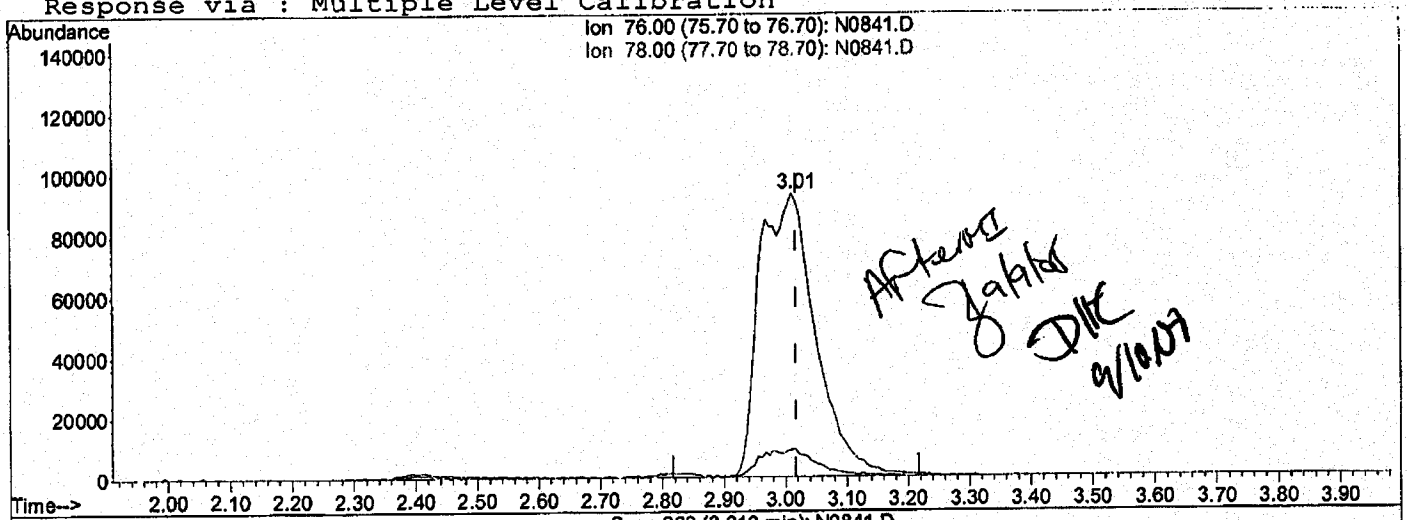
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	9.50
0.00	0.00	0.00
0.00	0.00	0.00

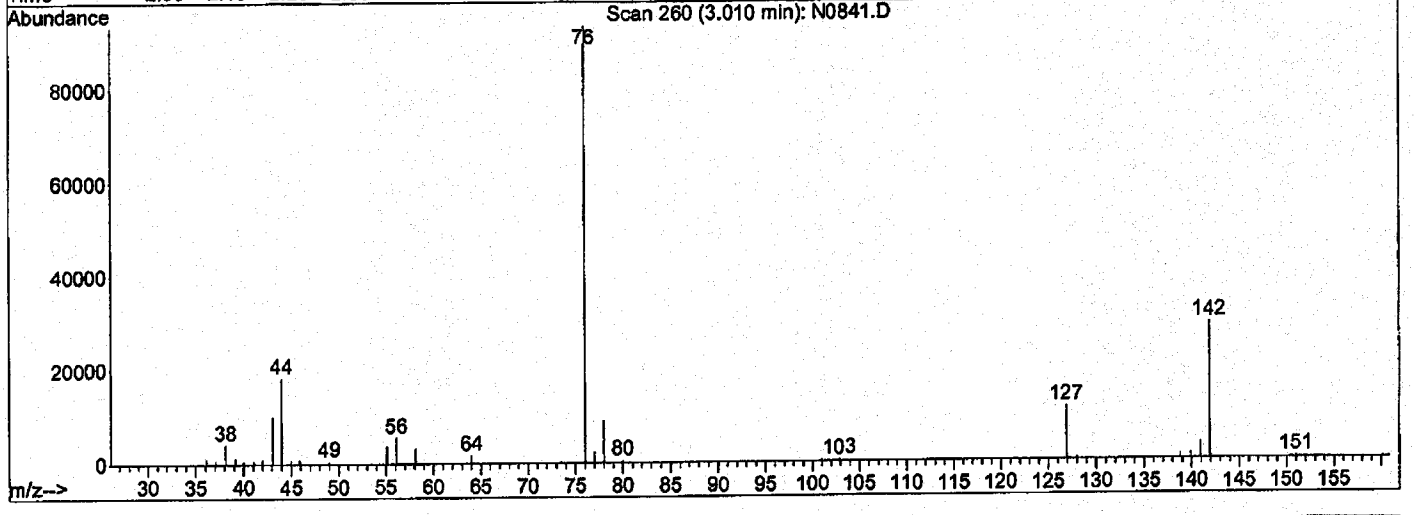
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration





TIC: N0841.D

(10) C040 Carbon disulfide (T)

3.01min (-0.007) 142.63ng m

response 587738

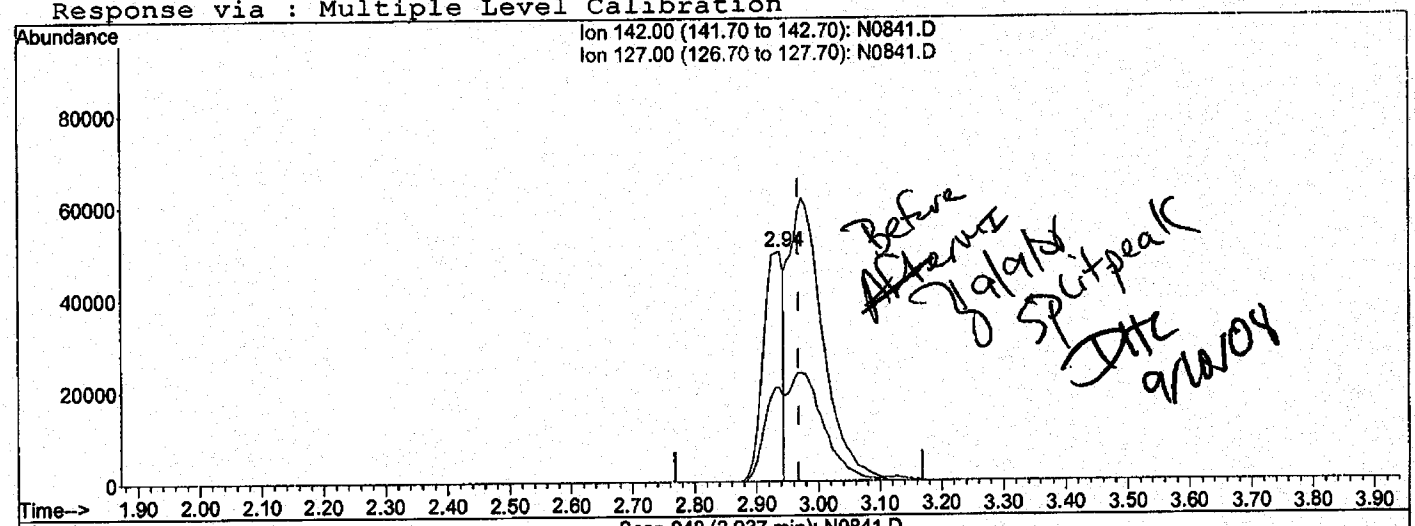
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	9.59
0.00	0.00	0.00
0.00	0.00	0.00

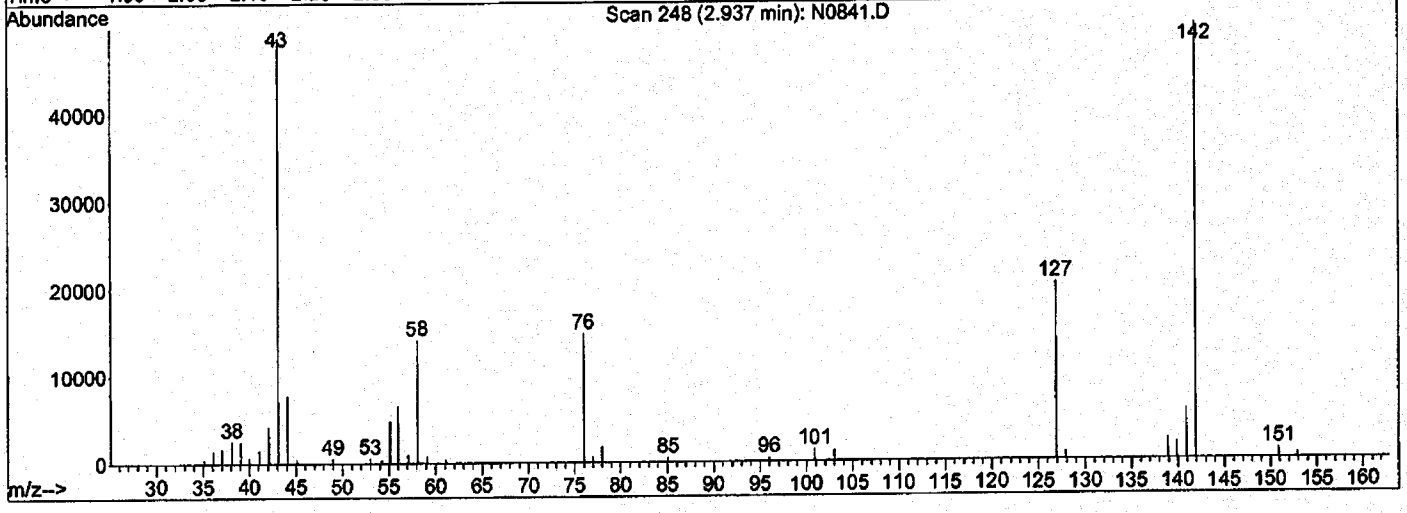
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration





TIC: N0841.D

(15) C276 Iodomethane (T)

2.94min (-0.031) 43.02ng

response 111872

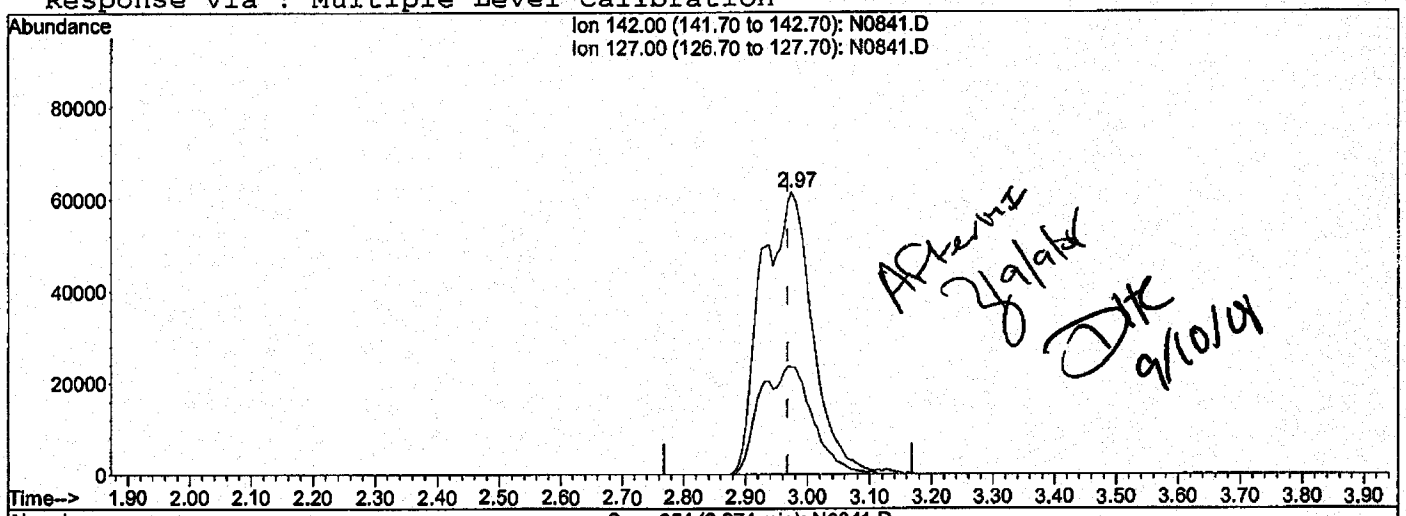
Ion	Exp%	Act%
142.00	100	100
127.00	44.80	40.03
0.00	0.00	0.00
0.00	0.00	0.00

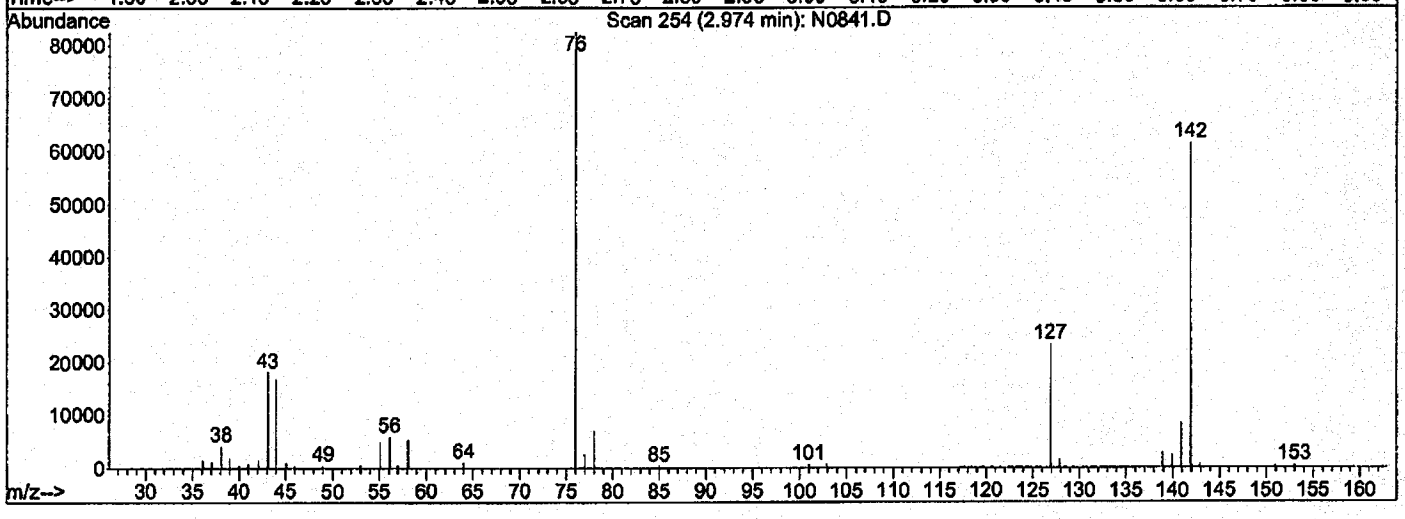
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0841.D
Acq On : 9 Sep 2008 9:08
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 09:24:14 2008

Vial: 2
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 13:14:59 2008
Response via : Multiple Level Calibration





TIC: N0841.D

(15) C276 Iodomethane (T)

2.97min (+0.006) 135.06ng m

response 351205

Ion	Exp%	Act%
142.00	100	100
127.00	44.80	12.75#
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002197-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: P0707.RR Calibration Date: 09/03/2008 Time: 10:00

Intrument ID: HP5973P Init. Calib. Date(s): 07/23/2008 07/23/2008

Heated Purge (Y/N): N Init. Calib. Times: 16:14 18:34

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.6380	0.7464	0.1000	-17.000	100.00
Bromomethane	0.2670	0.1940	0.0100	27.300	100.00
Vinyl chloride	0.4690	0.5445	0.0100	-16.100	20.00
Chloroethane	0.3290	0.2981	0.0100	9.400	100.00
Methylene chloride	0.5620	0.4531	0.0100	19.400	100.00
Acetone	0.2540	0.2869	0.0100	-13.000	100.00
Carbon Disulfide	1.2200	0.9101	0.0100	25.400	100.00
1,1-Dichloroethene	0.3340	0.3451	0.0100	-3.300	20.00
1,1-Dichloroethane	0.8300	0.8840	0.1000	-6.500	100.00
cis-1,2-Dichloroethene	0.3940	0.4048	0.0100	-2.700	100.00
trans-1,2-Dichloroethene	0.3660	0.3773	0.0100	-3.100	100.00
Chloroform	0.6550	0.6892	0.0100	-5.200	20.00
1,2-Dichloroethane	0.6950	0.7591	0.0100	-9.200	100.00
2-Butanone	0.3850	0.4473	0.0100	-16.200	100.00
1,1,1-Trichloroethane	0.5230	0.5876	0.0100	-12.400	100.00
Carbon Tetrachloride	0.3590	0.4110	0.0100	-14.500	100.00
Bromodichloromethane	0.4290	0.4693	0.0100	-9.400	100.00
1,2-Dichloropropane	0.4650	0.4934	0.0100	-6.100	20.00
cis-1,3-Dichloropropene	0.5580	0.5652	0.0100	-1.300	100.00
Trichloroethene	0.3620	0.3731	0.0100	-3.100	100.00
Dibromochloromethane	0.2880	0.3267	0.0100	-13.400	100.00
1,1,2-Trichloroethane	0.3250	0.3226	0.0100	0.700	100.00
Benzene	1.4620	1.4756	0.0100	-0.900	100.00
trans-1,3-Dichloropropene	0.5650	0.5823	0.0100	-3.100	100.00
Bromoform	0.3320	0.3770	0.1000	-13.600	100.00
4-Methyl-2-pentanone	0.8180	0.9573	0.0100	-17.000	100.00
2-Hexanone	0.5670	0.6755	0.0100	-19.100	100.00
Tetrachloroethene	0.3300	0.3245	0.0100	1.700	100.00
1,1,2,2-Tetrachloroethane	1.0780	1.0711	0.3000	0.600	100.00
Toluene	0.9590	0.9653	0.0100	-0.700	20.00
Chlorobenzene	0.9960	0.9955	0.3000	0.100	100.00
Ethylbenzene	1.7270	1.7925	0.0100	-3.800	20.00
Styrene	1.0550	1.0614	0.0100	-0.600	100.00
Total Xylenes	0.6370	0.6548	0.0100	-2.800	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.2860	0.2837	0.0100	0.800	100.00
1,2,4-Trichlorobenzene	0.9710	0.9781	0.0100	-0.700	100.00
1,2-Dibromo-3-chloropropane	0.1990	0.2519	0.0100	-26.600	100.00
1,2-Dibromoethane	0.3860	0.3911	0.0100	-1.300	100.00
1,2-Dichlorobenzene	1.4700	1.4110	0.0100	4.000	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002197-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: P0707.RR Calibration Date: 09/03/2008 Time: 10:00

Intrument ID: HP5973P Init. Calib. Date(s): 07/23/2008 07/23/2008

Heated Purge (Y/N): N Init. Calib. Times: 16:14 18:34

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.4590	1.3596	0.0100	6.800	100.00
1,4-Dichlorobenzene	1.5260	1.4143	0.0100	7.300	100.00
Cyclohexane	0.8100	0.8457	0.0100	-4.400	100.00
Dichlorodifluoromethane	0.3740	0.4311	0.0100	-15.300	100.00
Methyl acetate	0.9350	1.1748	0.0100	-25.600	100.00
Trichlorofluoromethane	0.6210	0.6939	0.0100	-11.700	100.00
Methyl-t-Butyl Ether (MTBE)	1.1070	1.1578	0.0100	-4.600	100.00
Isopropylbenzene	2.9840	2.8793	0.0100	3.500	100.00
Methylcyclohexane	0.4740	0.4308	0.0100	9.100	100.00
Toluene-D8	1.3650	1.3275	0.0100	2.700	100.00
p-Bromofluorobenzene	0.4080	0.4106	0.0100	-0.600	100.00
1,2-Dichloroethane-D4	0.5350	0.5220	0.0100	2.400	100.00

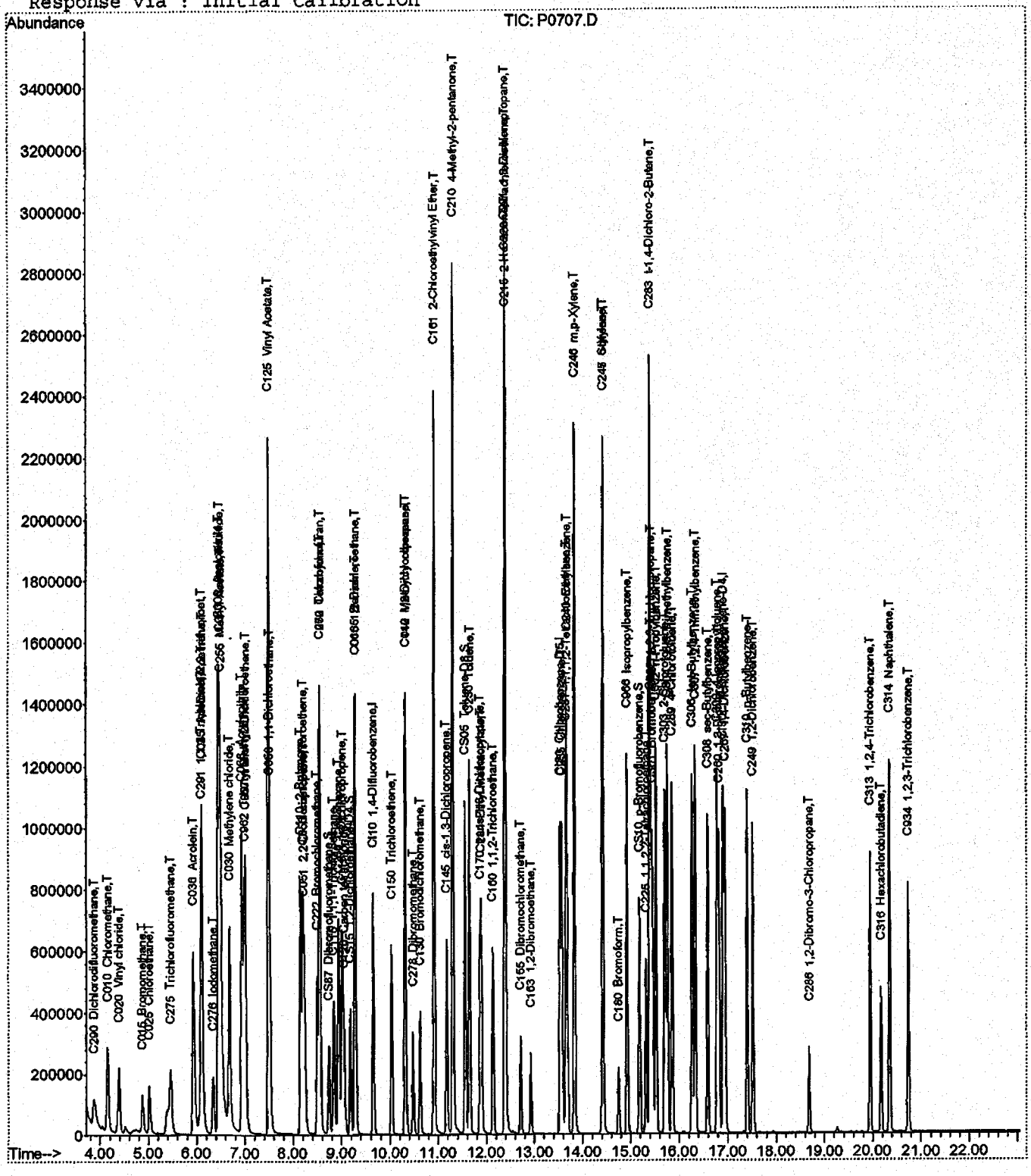
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090308\P0707.D
Acq On : 3 Sep 2008 10:00
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 10:52 2008

Vial: 1
Operator: LH
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 08:46:37 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0707.D Vial: 1
Acq On : 3 Sep 2008 10:00 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 10:53:27 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 08:46:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090208\P0681.D (2 Sep 2008 14:14)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.65	114	620982	125.00	ng		0.00
								109.86%
43) CI20	Chlorobenzene-D5	13.54	117	568915	125.00	ng		0.00
								109.10%
62) CI30	1,4-Dichlorobenzene-	16.91	152	322420	125.00	ng		0.00
								106.26%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	204689	122.18	ng		0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		97.74%	
31) CS15	1,2-Dichloroethane-D	9.18	65	324176	121.91	ng		0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =		97.53%	
44) CS05	Toluene-D8	11.56	98	755235	121.57	ng		0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =		97.26%	
61) CS10	p-Bromofluorobenzene	15.19	174	233581	125.82	ng		0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =		100.66%	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.88	85	267690	143.95	ng		99
3) C010	Chloromethane	4.16	50	463471	146.24	ng		100
4) C020	Vinyl chloride	4.39	62	338150	145.01	ng		98
5) C015	Bromomethane	4.87	94	120476	90.69	ng		97
6) C025	Chloroethane	5.01	64	185109	113.12	ng		96
7) C275	Trichlorofluorometha	5.46	101	430904m	139.75	ng		99
8) C045	1,1-Dichloroethene	6.10	96	214288	129.20	ng	#	60
9) C030	Methylene chloride	6.68	84	281387	122.09	ng	#	47
10) C040	Carbon disulfide	6.47	76	565169	93.25	ng		100
11) C036	Acrolein	5.93	56	936177	2866.17	ng		94
12) C038	Acrylonitrile	6.93	53	1053128	697.55	ng		99
13) C035	Acetone	6.10	43	890874	705.40	ng		96
14) C300	Acetonitrile	6.45	41	3389872	7231.16	ng		100
15) C276	Iodomethane	6.34	142	297272	107.15	ng		94
16) C291	1,1,2 Trichloro-1,2,	6.09	101	176179	123.93	ng		94
17) C962	T-butyl Methyl Ether	6.99	73	718992	130.72	ng	#	78
18) C057	trans-1,2-Dichloroet	7.02	96	234325	128.88	ng	#	73
19) C255	Methyl Acetate	6.49	43	729558	157.00	ng	#	79
20) C050	1,1-Dichloroethane	7.51	63	548971	133.13	ng		97
21) C125	Vinyl Acetate	7.48	43	4085445	737.00	ng	#	87
22) C051	2,2-Dichloropropane	8.23	77	344857	145.23	ng		97
23) C056	cis-1,2-Dichloroethe	8.20	96	251402	128.53	ng	#	74
24) C272	Tetrahydrofuran	8.55	42	885412	766.27	ng	#	73
25) C222	Bromochloromethane	8.49	128	114234	125.32	ng	#	46
26) C060	Chloroform	8.54	83	428009	131.52	ng		98
27) C115	1,1,1-Trichloroethan	8.83	97	364888	130.26	ng		92
28) C120	Carbon tetrachloride	9.05	117	255236	128.31	ng		95
29) C116	1,1-Dichloropropene	9.01	75	305307	129.51	ng		97
32) C165	Benzene	9.28	78	916330	126.20	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0707.D Vial: 1
Acq On : 3 Sep 2008 10:00 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 10:53:27 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 08:46:37 2008
Response via : Initial Calibration
DataAcq Meth : VOA

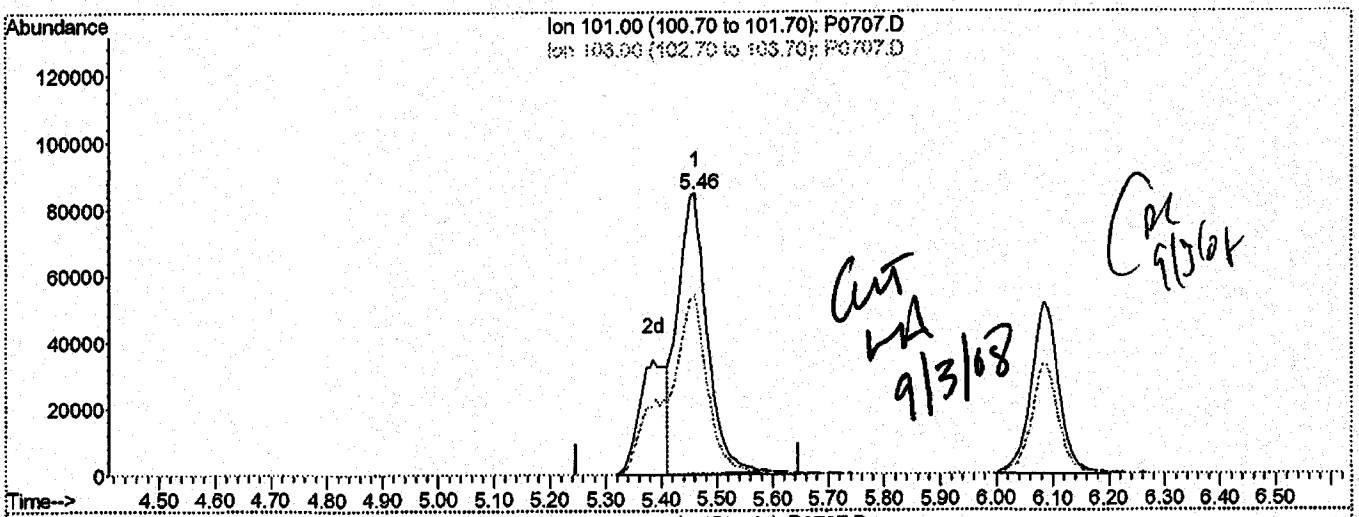
	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	471411	136.48 ng		85
34)	C110	2-Butanone	8.15	43	1388736	725.50 ng	#	76
35)	C256	Cyclohexane	8.94	56	525169	130.44 ng	#	66
36)	C150	Trichloroethene	10.03	95	231685	128.82 ng		98
37)	C140	1,2-Dichloropropane	10.32	63	306418	132.50 ng		91
38)	C278	Dibromomethane	10.48	93	160622	125.56 ng		97
39)	C130	Bromodichloromethane	10.62	83	291450	124.04 ng		96
40)	C161	2-Chloroethylvinyl E	10.92	63	1086734	616.26 ng		93
41)	C012	Methylcycolhexane	10.31	83	267534	113.63 ng	#	73
42)	C145	cis-1,3-Dichloroprop	11.18	75	351004	117.16 ng		99
45)	C230	Toluene	11.65	92	549168	125.77 ng		93
46)	C170	trans-1,3-Dichloropr	11.87	75	331288	117.23 ng		96
47)	C284	Ethyl Methacrylate	11.89	69	307364	111.82 ng	#	19
48)	C160	1,1,2-Trichloroethan	12.14	83	183544	124.01 ng		87
49)	C210	4-Methyl-2-pentanone	11.31	43	2723073	731.69 ng		96
50)	C220	Tetrachloroethene	12.41	166	184627	122.82 ng		96
51)	C221	1,3-Dichloropropane	12.38	76	371375	125.31 ng		95
52)	C155	Dibromochloromethane	12.72	129	185862	123.21 ng		98
53)	C163	1,2-Dibromoethane	12.92	107	222489	126.80 ng		95
54)	C215	2-Hexanone	12.39	43	1921541	745.10 ng		92
55)	C235	Chlorobenzene	13.58	112	566362	124.93 ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	184894	124.92 ng		94
57)	C240	Ethylbenzene	13.68	91	1019799	129.77 ng		100
58)	C246	m,p-Xylene	13.84	106	732979	258.95 ng		94
59)	C247	o-Xylene	14.42	106	372531	128.54 ng		96
60)	C245	Styrene	14.43	104	603828	125.79 ng		84
63)	C180	Bromoform	14.75	173	121551	118.36 ng		100
64)	C966	Isopropylbenzene	14.92	105	928344	120.59 ng		97
65)	C301	Bromobenzene	15.45	156	242493	120.22 ng		93
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	345333	124.16 ng		97
67)	C282	1,2,3-Trichloropropa	15.42	110	94186	121.15 ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	317141	604.18 ng	#	72
69)	C302	n-Propylbenzene	15.53	91	1176923	120.91 ng		97
70)	C303	2-Chlorotoluene	15.71	126	224701	118.73 ng		100
71)	C289	4-Chlorotoluene	15.86	126	232907	119.89 ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	795646	123.42 ng	#	52
73)	C306	tert-Butylbenzene	16.27	134	144201	120.97 ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	821438	124.64 ng		99
75)	C308	sec-Butylbenzene	16.59	105	861914	122.91 ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	438369	116.45 ng		99
77)	C309	4-Isopropyltoluene	16.78	119	756514	124.63 ng		96
78)	C267	1,4-Dichlorobenzene	16.94	146	455984	115.84 ng		99
79)	C249	1,2-Dichlorobenzene	17.53	146	454928	120.02 ng		97
80)	C310	n-Butylbenzene	17.41	91	757121	127.78 ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	81219	137.78 ng		97
82)	C313	1,2,4-Trichlorobenze	19.95	180	315375	125.93 ng		99
83)	C316	Hexachlorobutadiene	20.17	225	115363	122.99 ng		97
84)	C314	Naphthalene	20.36	128	1112125	158.90 ng		99
85)	C934	1,2,3-Trichlorobenze	20.73	180	306237	132.85 ng		98

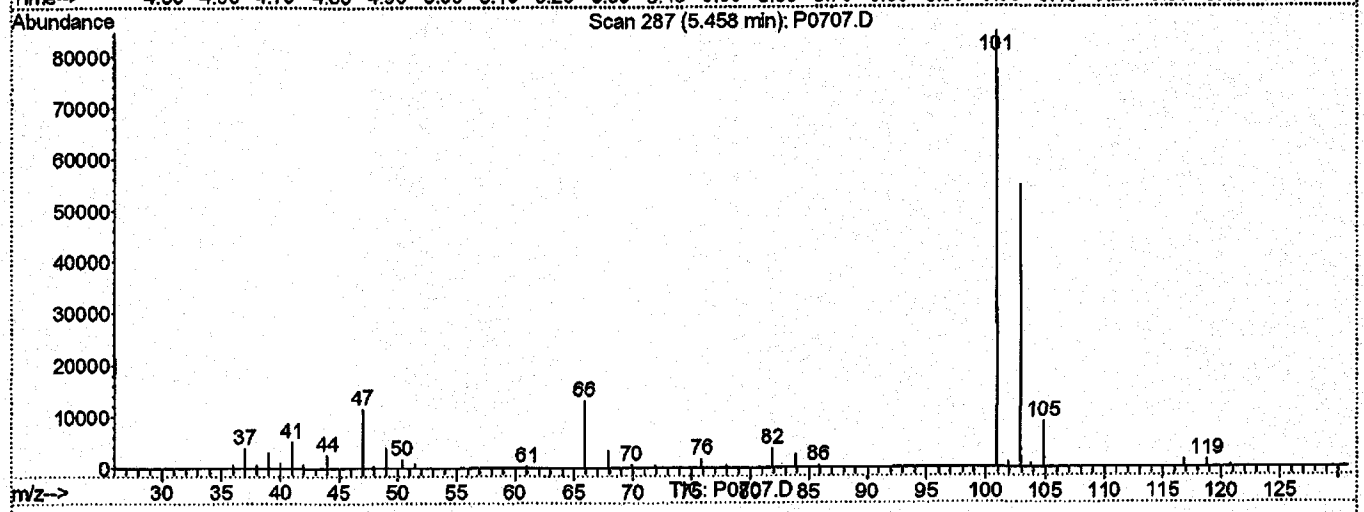
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090308\P0707.D Vial: 1
Acq On : 3 Sep 2008 10:00 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 10:52 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 08:46:37 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 101.02ng

response 311469

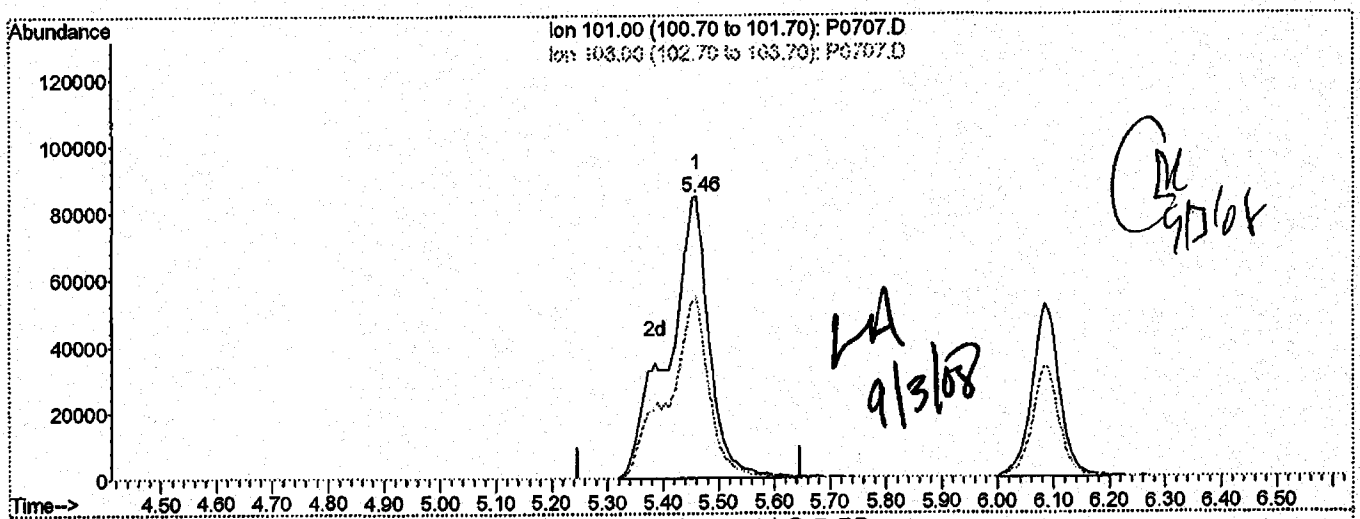
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	64.63
0.00	0.00	0.00
0.00	0.00	0.00

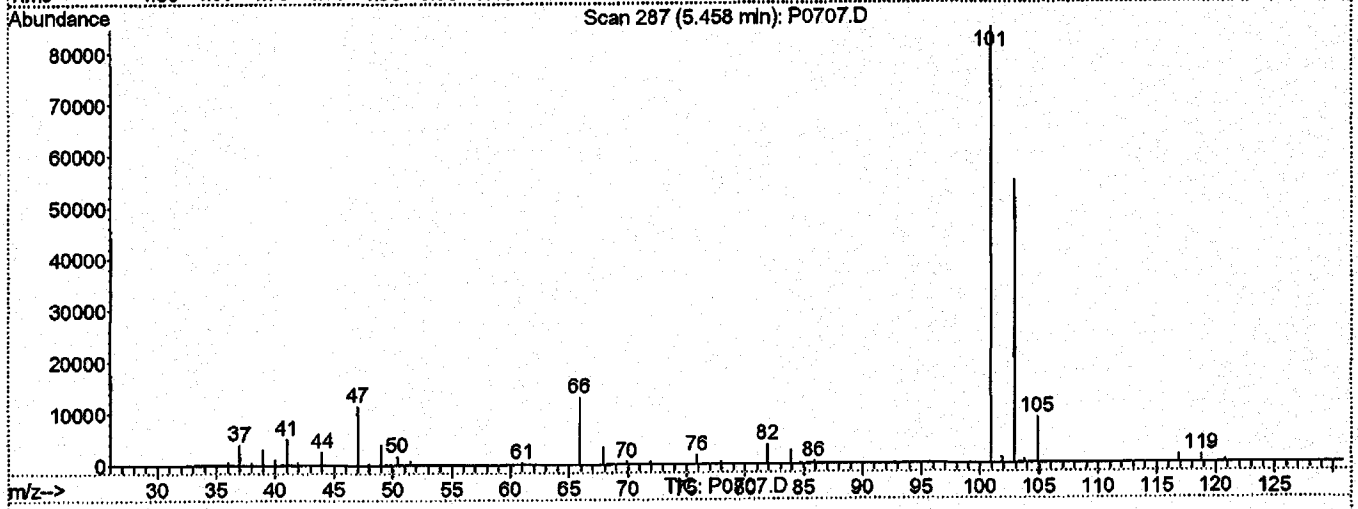
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090308\P0707.D
Acq On : 3 Sep 2008 10:00
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 10:52 2008

Vial: 1
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 08:46:37 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 139.75ng m

response 430904

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	64.63
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002250-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: P0843.RR Calibration Date: 09/08/2008 Time: 17:24

Intrument ID: HP5973P Init. Calib. Date(s): 09/08/2008 09/08/2008

Heated Purge (Y/N): N Init. Calib. Times: 12:19 14:11

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.3520	0.3456	0.1000	1.800	100.00
Bromomethane	0.2880	0.2423	0.0100	15.900	100.00
Vinyl chloride	0.4070	0.4009	0.0100	1.500	20.00
Chloroethane	0.2490	0.2384	0.0100	4.200	100.00
Methylene chloride	0.5450	0.4572	0.0100	16.100	100.00
Acetone	0.1810	0.1722	0.0100	4.900	100.00
Carbon Disulfide	1.2180	1.2994	0.0100	-6.700	100.00
1,1-Dichloroethene	0.3480	0.3713	0.0100	-6.700	20.00
1,1-Dichloroethane	0.7710	0.7567	0.1000	1.800	100.00
cis-1,2-Dichloroethene	0.4030	0.4150	0.0100	-3.000	100.00
trans-1,2-Dichloroethene	0.3810	0.3836	0.0100	-0.700	100.00
Chloroform	0.8530	0.8147	0.0100	4.500	20.00
1,2-Dichloroethane	0.8010	0.7320	0.0100	8.600	100.00
2-Butanone	0.2320	0.2402	0.0100	-3.500	100.00
1,1,1-Trichloroethane	0.7640	0.7462	0.0100	2.300	100.00
Carbon Tetrachloride	0.5660	0.5586	0.0100	1.300	100.00
Bromodichloromethane	0.5900	0.5728	0.0100	2.900	100.00
1,2-Dichloropropane	0.3730	0.3856	0.0100	-3.400	20.00
cis-1,3-Dichloropropene	0.5960	0.6380	0.0100	-7.000	100.00
Trichloroethene	0.4120	0.4103	0.0100	0.400	100.00
Dibromochloromethane	0.4150	0.4312	0.0100	-3.900	100.00
1,1,2-Trichloroethane	0.3490	0.3608	0.0100	-3.400	100.00
Benzene	1.4810	1.5144	0.0100	-2.200	100.00
trans-1,3-Dichloropropene	0.7020	0.7463	0.0100	-6.300	100.00
Bromoform	0.4470	0.4775	0.1000	-6.800	100.00
4-Methyl-2-pentanone	0.5300	0.5645	0.0100	-6.500	100.00
2-Hexanone	0.3710	0.4011	0.0100	-8.100	100.00
Tetrachloroethene	0.3820	0.4043	0.0100	-5.800	100.00
1,1,2,2-Tetrachloroethane	1.0460	1.1147	0.3000	-6.600	100.00
Toluene	1.0120	1.0455	0.0100	-3.300	20.00
Chlorobenzene	1.1300	1.1544	0.3000	-2.200	100.00
Ethylbenzene	2.0300	2.0649	0.0100	-1.700	20.00
Styrene	1.1410	1.2252	0.0100	-7.400	100.00
Total Xylenes	0.7090	0.7528	0.0100	-6.200	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3900	0.4117	0.0100	-5.600	100.00
1,2,4-Trichlorobenzene	1.1070	1.1960	0.0100	-8.000	100.00
1,2-Dibromo-3-chloropropane	0.3040	0.3226	0.0100	-6.100	100.00
1,2-Dibromoethane	0.4490	0.4553	0.0100	-1.400	100.00
1,2-Dichlorobenzene	1.5080	1.5627	0.0100	-3.600	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002250-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: P0843.RR Calibration Date: 09/08/2008 Time: 17:24

Intrument ID: HP5973P Init. Calib. Date(s): 09/08/2008 09/08/2008

Heated Purge (Y/N): N Init. Calib. Times: 12:19 14:11

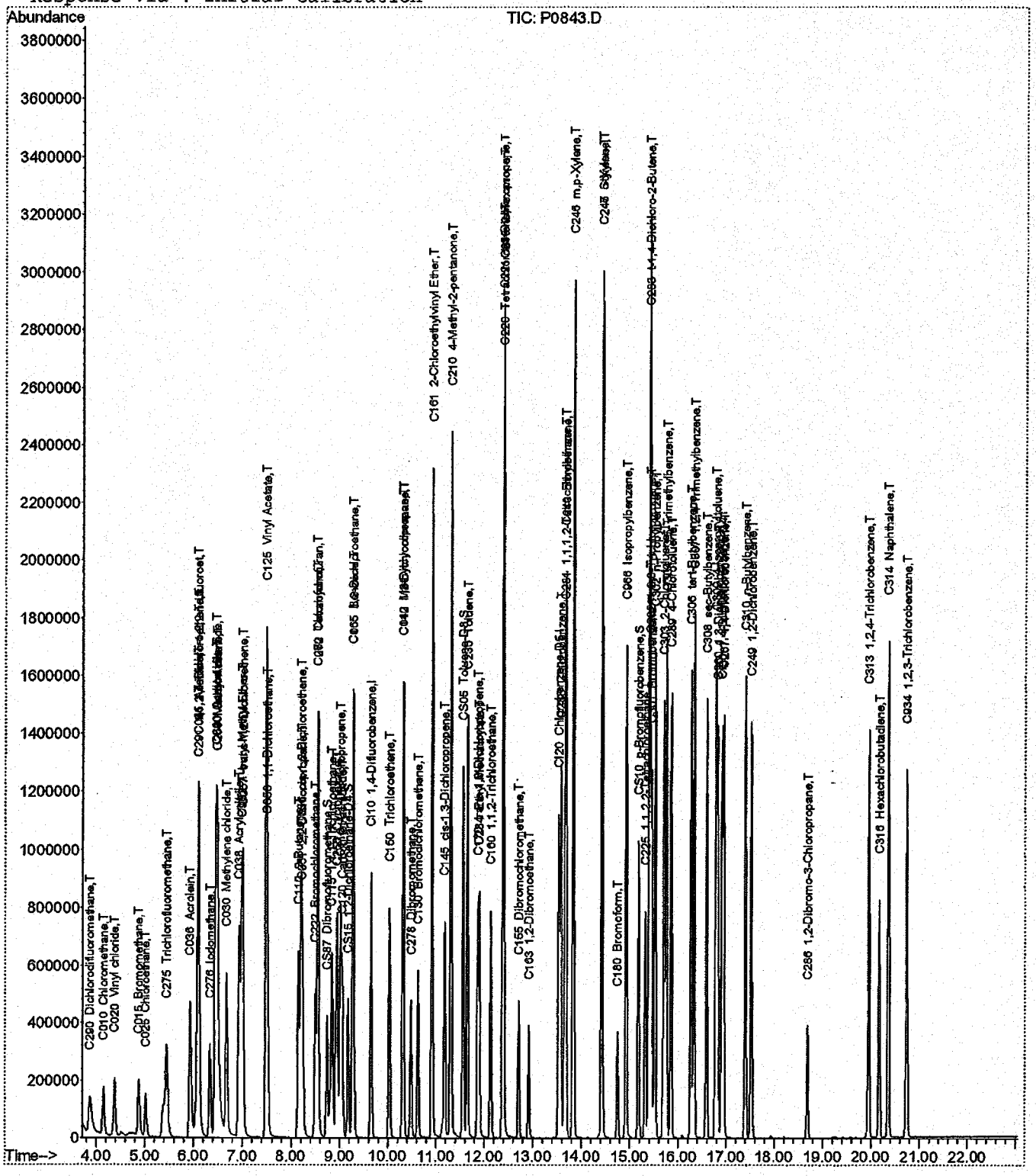
GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.4340	1.4894	0.0100	-3.900	100.00
1,4-Dichlorobenzene	1.5220	1.5422	0.0100	-1.300	100.00
Cyclohexane	0.5580	0.6201	0.0100	-11.100	100.00
Dichlorodifluoromethane	0.4630	0.4990	0.0100	-7.800	100.00
Methyl acetate	0.5800	0.6086	0.0100	-4.900	100.00
Trichlorofluoromethane	0.8430	0.8062	0.0100	4.400	100.00
Methyl-t-Butyl Ether (MTBE)	1.3690	1.4109	0.0100	-3.100	100.00
Isopropylbenzene	2.8740	3.1580	0.0100	-9.900	100.00
Methylcyclohexane	0.4950	0.5427	0.0100	-9.600	100.00
Toluene-D8	1.3950	1.4487	0.0100	-3.800	100.00
p-Bromofluorobenzene	0.5050	0.4750	0.0100	5.900	100.00
1,2-Dichloroethane-D4	0.6330	0.5622	0.0100	11.200	100.00

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:44 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 19:45:17 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0836.D (8 Sep 2008 13:15)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.65	114	819862	125.00	ng		0.00 128.02%
43) CI20	Chlorobenzene-D5	13.53	117	704034	125.00	ng		0.00 125.66%
62) CI30	1,4-Dichlorobenzene-	16.91	152	444569	125.00	ng		0.00 117.48%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	305340	119.96	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	95.97%			
31) CS15	1,2-Dichloroethane-D	9.18	65	460888	111.10	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	88.88%			
44) CS05	Toluene-D8	11.56	98	1019969	129.81	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	103.85%			
61) CS10	p-Bromofluorobenzene	15.19	174	334417	117.57	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	94.06%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	409101m	134.75	ng		98
3) C010	Chloromethane	4.15	50	283340	122.81	ng		100
4) C020	Vinyl chloride	4.38	62	328708	123.25	ng		95
5) C015	Bromomethane	4.87	94	198625	105.31	ng		96
6) C025	Chloroethane	5.01	64	195468	119.52	ng		98
7) C275	Trichlorofluorometha	5.45	101	660934m	119.51	ng		98
8) C045	1,1-Dichloroethene	6.10	96	304374	133.29	ng		90
9) C030	Methylene chloride	6.68	84	374820	133.87	ng	#	84
10) C040	Carbon disulfide	6.48	76	1065331	133.33	ng		99
11) C036	Acrolein	5.93	56	701919	3770.78	ng		94
12) C038	Acrylonitrile	6.93	53	763163	666.46	ng		97
13) C035	Acetone	6.10	43	706024	593.31	ng		96
14) C300	Acetonitrile	6.46	41	2150223	5418.89	ng		96
15) C276	Iodomethane	6.34	142	519065	133.68	ng		87
16) C291	1,1,2 Trichloro-1,2,	6.08	101	337551	132.09	ng		90
17) C962	T-butyl Methyl Ether	6.99	73	1156712	128.80	ng		91
18) C057	trans-1,2-Dichloroet	7.02	96	314465	125.92	ng		99
19) C255	Methyl Acetate	6.49	43	498975	131.23	ng		94
20) C050	1,1-Dichloroethane	7.51	63	620426	122.69	ng		99
21) C125	Vinyl Acetate	7.48	43	3133832	690.41	ng		99
22) C051	2,2-Dichloropropane	8.23	77	565931	128.42	ng		97
23) C056	cis-1,2-Dichloroethe	8.20	96	340250	128.63	ng		98
24) C272	Tetrahydrofuran	8.55	42	599788	683.70	ng	#	86
25) C222	Bromochloromethane	8.49	128	157122	128.24	ng	#	80
26) C060	Chloroform	8.54	83	667936	119.37	ng		95
27) C115	1,1,1-Trichloroethan	8.83	97	611816	122.13	ng		95
28) C120	Carbon tetrachloride	9.05	117	458013	123.35	ng		98
29) C116	1,1-Dichloropropene	9.01	75	467280	127.16	ng		99
32) C165	Benzene	9.28	78	1241625	127.81	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 19:45:17 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA

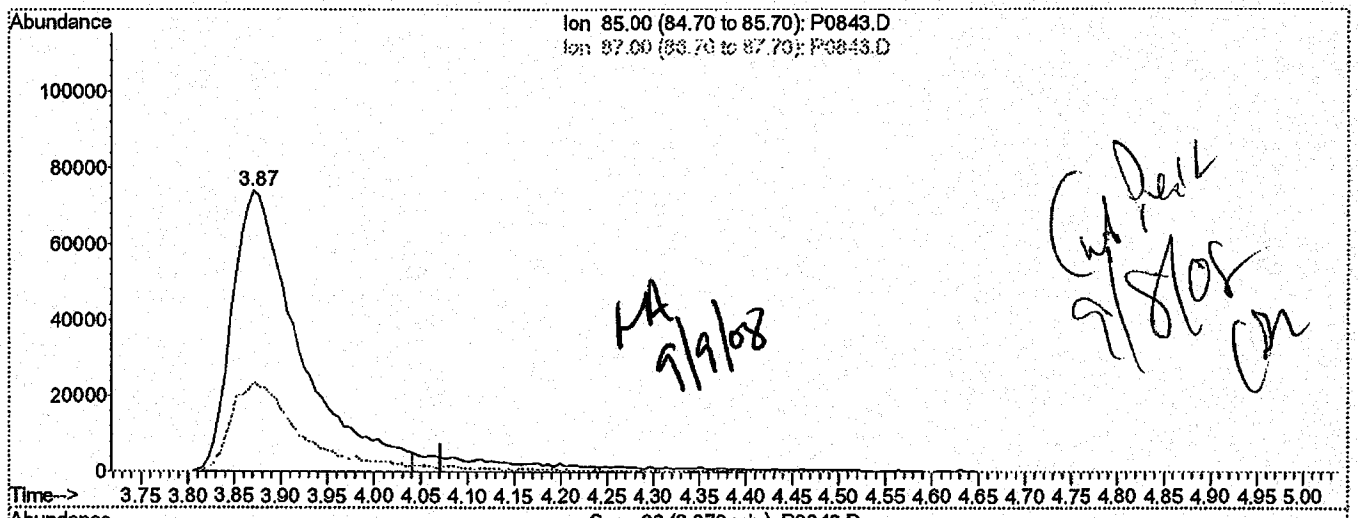
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	600179	114.26	ng		98
34)	C110	2-Butanone	8.15	43	984535	648.33	ng		97
35)	C256	Cyclohexane	8.94	56	508380	139.01	ng		94
36)	C150	Trichloroethene	10.03	95	336376	124.41	ng		98
37)	C140	1,2-Dichloropropane	10.32	63	316167	129.14	ng		94
38)	C278	Dibromomethane	10.48	93	228456	123.35	ng		93
39)	C130	Bromodichloromethane	10.62	83	469585	121.39	ng		99
40)	C161	2-Chloroethylvinyl E	10.92	63	1251374	683.63	ng	#	82
41)	C012	Methylcycolhexane	10.31	83	444907	137.10	ng	#	82
42)	C145	cis-1,3-Dichloroprop	11.18	75	523111	133.77	ng		98
45)	C230	Toluene	11.65	92	736073	129.12	ng		100
46)	C170	trans-1,3-Dichloropr	11.86	75	525423	132.86	ng		90
47)	C284	Ethyl Methacrylate	11.89	69	468292	130.68	ng	#	68
48)	C160	1,1,2-Trichloroethan	12.14	83	254012	129.32	ng		86
49)	C210	4-Methyl-2-pentanone	11.30	43	1987028	665.55	ng	#	82
50)	C220	Tetrachloroethene	12.41	166	284634	132.16	ng		95
51)	C221	1,3-Dichloropropane	12.38	76	534607	127.55	ng		97
52)	C155	Dibromochloromethane	12.72	129	303546	129.99	ng		100
53)	C163	1,2-Dibromoethane	12.92	107	320527	126.86	ng		95
54)	C215	2-Hexanone	12.39	43	1412002	675.04	ng		96
55)	C235	Chlorobenzene	13.58	112	812740	127.75	ng		99
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	302409	128.38	ng		95
57)	C240	Ethylbenzene	13.68	91	1453753	127.16	ng		98
58)	C246	m,p-Xylene	13.84	106	1021864	259.54	ng	#	87
59)	C247	o-Xylene	14.41	106	529976	132.68	ng		92
60)	C245	Styrene	14.43	104	862611	134.20	ng		76
63)	C180	Bromoform	14.75	173	212300	120.65	ng		99
64)	C966	Isopropylbenzene	14.92	105	1403959	137.33	ng		100
65)	C301	Bromobenzene	15.45	156	364280	130.42	ng		91
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	495550	133.19	ng		93
67)	C282	1,2,3-Trichloropropa	15.42	110	153752	128.93	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	535035	661.48	ng	#	51
69)	C302	n-Propylbenzene	15.52	91	1692559	133.26	ng		98
70)	C303	2-Chlorotoluene	15.70	126	322053	133.90	ng		100
71)	C289	4-Chlorotoluene	15.86	126	327920	133.94	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	1239063	134.44	ng	#	55
73)	C306	tert-Butylbenzene	16.27	134	215790	140.92	ng		100
74)	C307	1,2,4-Trimethylbenze	16.33	105	1255788	132.38	ng		95
75)	C308	sec-Butylbenzene	16.59	105	1300089	135.55	ng		99
76)	C260	1,3-Dichlorobenzene	16.82	146	662146	129.85	ng		99
77)	C309	4-Isopropyltoluene	16.78	119	1160929	136.76	ng		94
78)	C267	1,4-Dichlorobenzene	16.94	146	685618	126.65	ng		98
79)	C249	1,2-Dichlorobenzene	17.52	146	694739	129.55	ng		96
80)	C310	n-Butylbenzene	17.40	91	1141424	137.52	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	143409	132.51	ng		97
82)	C313	1,2,4-Trichlorobenze	19.95	180	531698	135.01	ng		97
83)	C316	Hexachlorobutadiene	20.17	225	219516	126.11	ng		92
84)	C314	Naphthalene	20.35	128	1684057	141.49	ng		97
85)	C934	1,2,3-Trichlorobenze	20.73	180	514743	135.56	ng		99

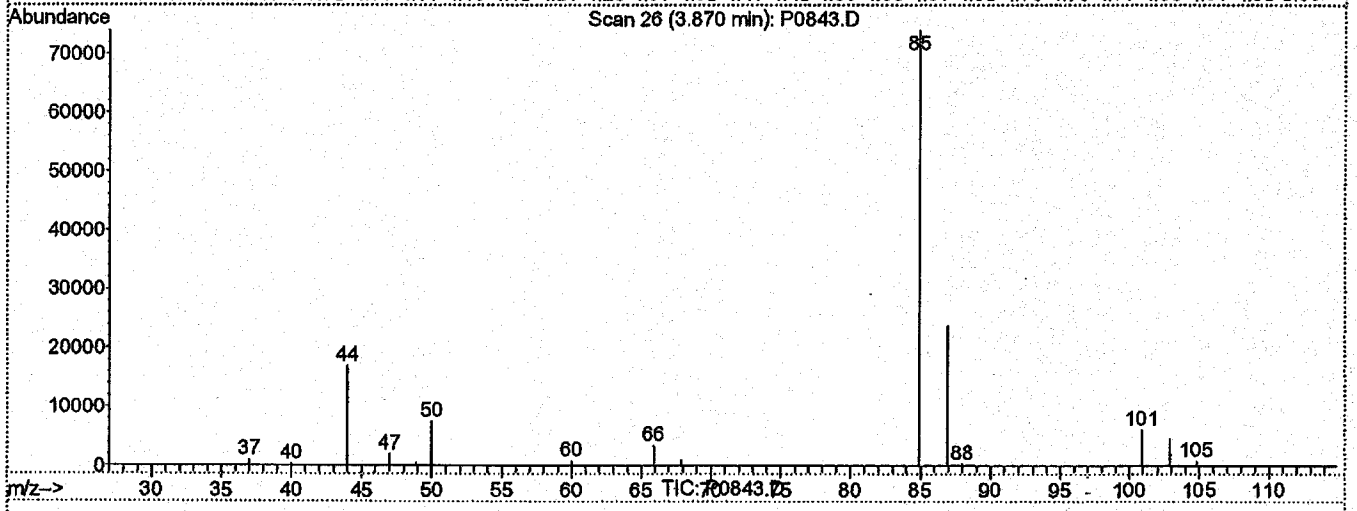
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:44 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 123.18ng

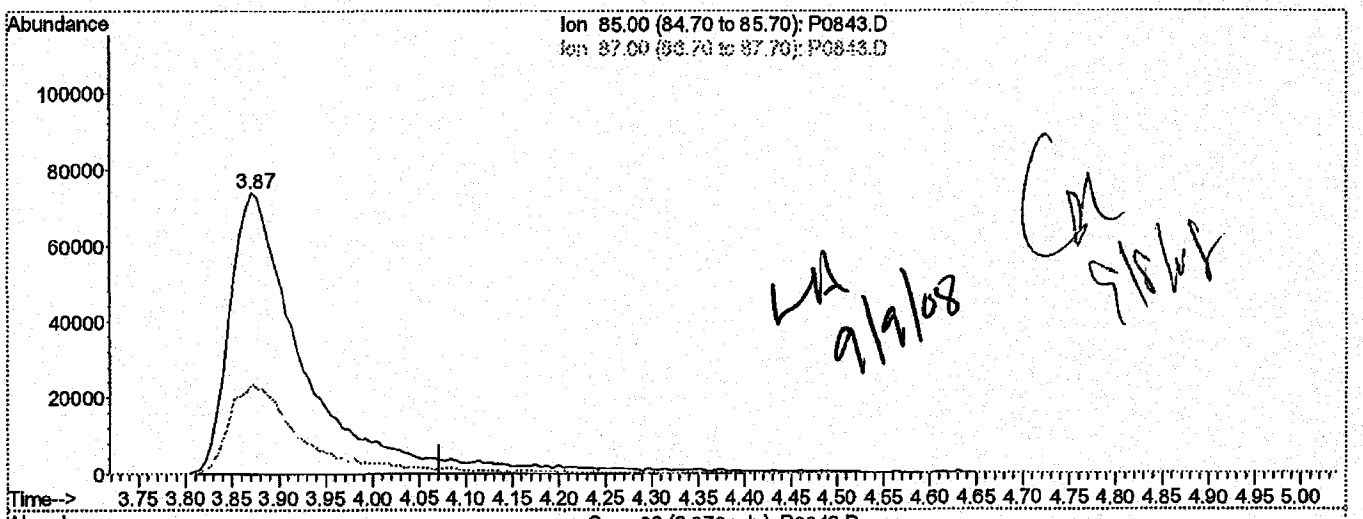
response 373959

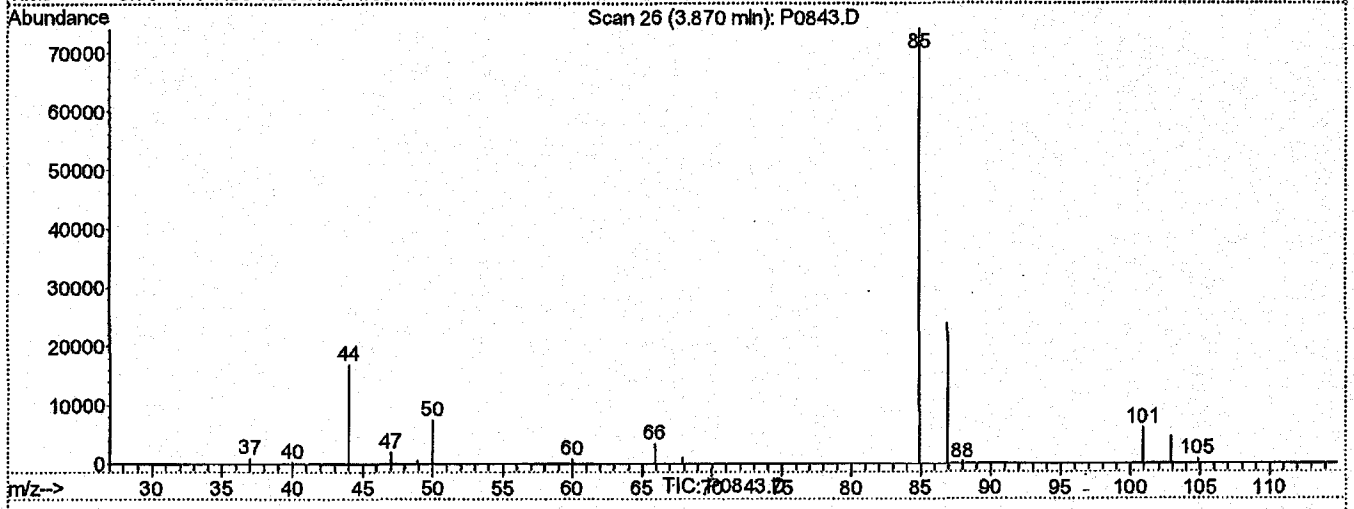
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:44 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 134.75ng m

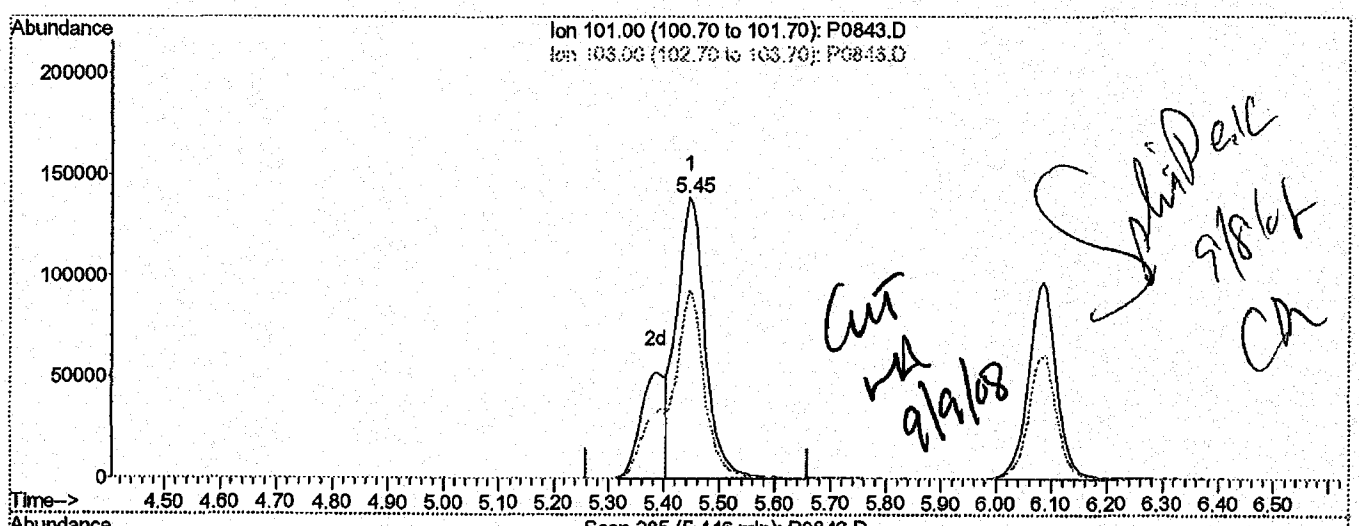
response 409101

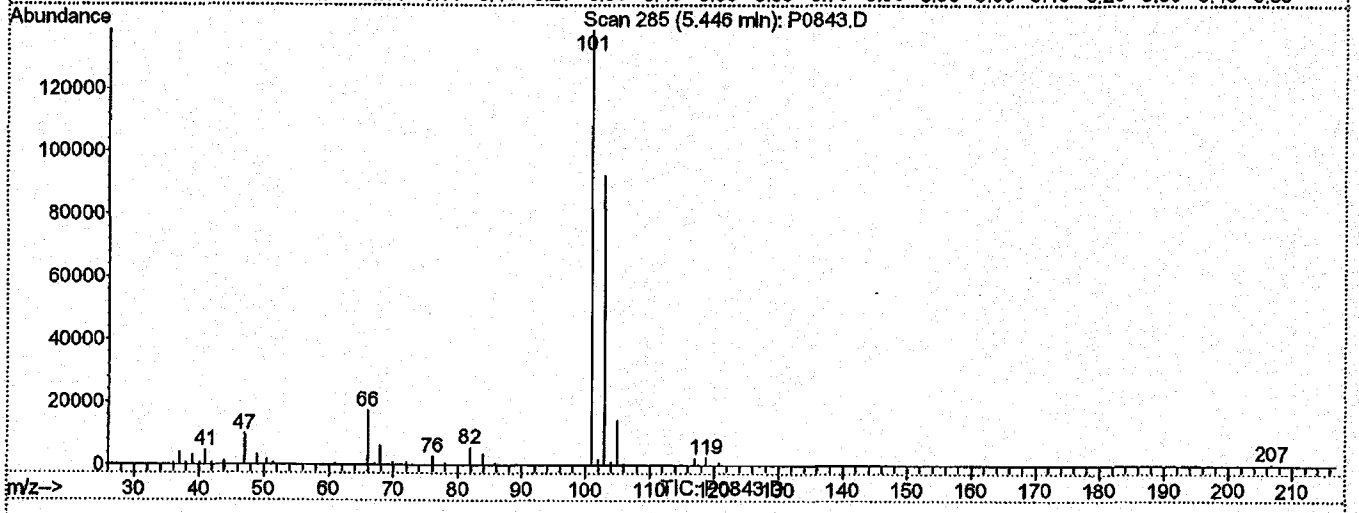
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	32.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:44 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 89.03ng

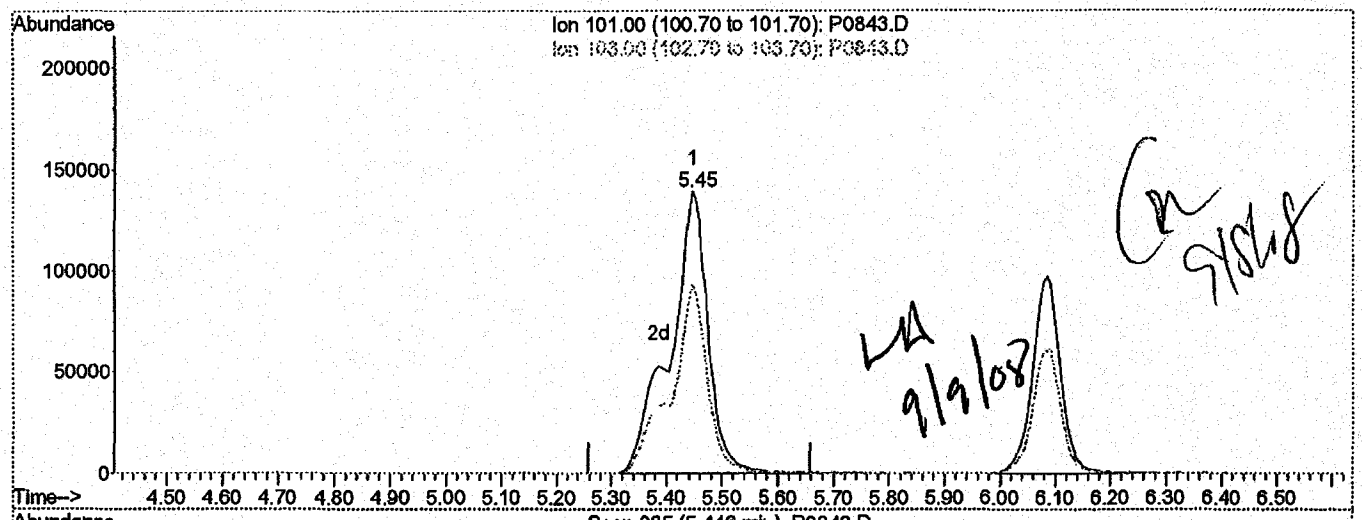
response 492384

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	66.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0843.D Vial: 1
Acq On : 8 Sep 2008 17:24 Operator: CDC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:44 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 14:45:51 2008
Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 119.51ng m

response 660934

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	66.52
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002234-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: Q9955.RR Calibration Date: 09/06/2008 Time: 13:24

Intrument ID: HP5973Q Init. Calib. Date(s): 08/16/2008 08/16/2008

Heated Purge (Y/N): N Init. Calib. Times: 12:20 14:43

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.7060	0.6094	0.1000	13.700	100.00
Bromomethane	0.0890	0.0783	0.0100	12.000	100.00
Vinyl chloride	0.3200	0.3387	0.0100	-5.800	20.00
Chloroethane	0.1720	0.1989	0.0100	-15.600	100.00
Methylene chloride	0.2920	0.2620	0.0100	10.300	100.00
Acetone	0.1370	0.1489	0.0100	-8.700	100.00
Carbon Disulfide	0.5870	0.4210	0.0100	28.300	100.00
1,1-Dichloroethene	0.1980	0.2160	0.0100	-9.100	20.00
1,1-Dichloroethane	0.4980	0.5799	0.1000	-16.400	100.00
cis-1,2-Dichloroethene	0.4800	0.4502	0.0100	6.200	100.00
trans-1,2-Dichloroethene	0.2400	0.2691	0.0100	-12.100	100.00
Chloroform	0.7100	0.7103	0.0100	0.000	20.00
1,2-Dichloroethane	0.7070	0.7198	0.0100	-1.800	100.00
2-Butanone	0.3590	0.2632	0.0100	26.700	100.00
1,1,1-Trichloroethane	0.5850	0.6349	0.0100	-8.500	100.00
Carbon Tetrachloride	0.4240	0.5407	0.0100	-27.500	100.00
Bromodichloromethane	0.4790	0.5309	0.0100	-10.800	100.00
1,2-Dichloropropane	0.5500	0.4503	0.0100	18.100	20.00
cis-1,3-Dichloropropene	0.6510	0.6100	0.0100	6.300	100.00
Trichloroethene	0.4150	0.3860	0.0100	7.000	100.00
Dibromochloromethane	0.3930	0.4689	0.0100	-19.300	100.00
1,1,2-Trichloroethane	0.3790	0.3257	0.0100	14.100	100.00
Benzene	1.7230	1.5025	0.0100	12.800	100.00
trans-1,3-Dichloropropene	0.6740	0.6302	0.0100	6.500	100.00
Bromoform	0.4330	0.5577	0.1000	-28.800	100.00
4-Methyl-2-pentanone	0.7690	0.5958	0.0100	22.500	100.00
2-Hexanone	0.5320	0.4182	0.0100	21.400	100.00
Tetrachloroethene	0.5390	0.5374	0.0100	0.300	100.00
1,1,2,2-Tetrachloroethane	1.0250	0.8196	0.3000	20.000	100.00
Toluene	1.2320	1.0927	0.0100	11.300	20.00
Chlorobenzene	1.3590	1.2559	0.3000	7.600	100.00
Ethylbenzene	2.2550	2.1094	0.0100	6.400	20.00
Styrene	1.3990	1.3209	0.0100	5.600	100.00
Total Xylenes	0.8970	0.8244	0.0100	8.100	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1940	0.1626	0.0100	16.200	100.00
1,2,4-Trichlorobenzene	1.4540	1.3306	0.0100	8.500	100.00
1,2-Dibromo-3-chloropropane	0.1570	0.1428	0.0100	9.000	100.00
1,2-Dibromoethane	0.4760	0.4431	0.0100	6.900	100.00
1,2-Dichlorobenzene	1.9620	1.7852	0.0100	9.000	100.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002234-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: Q9955.RR Calibration Date: 09/06/2008 Time: 13:24

Intrument ID: HP5973Q Init. Calib. Date(s): 08/16/2008 08/16/2008

Heated Purge (Y/N): N Init. Calib. Times: 12:20 14:43

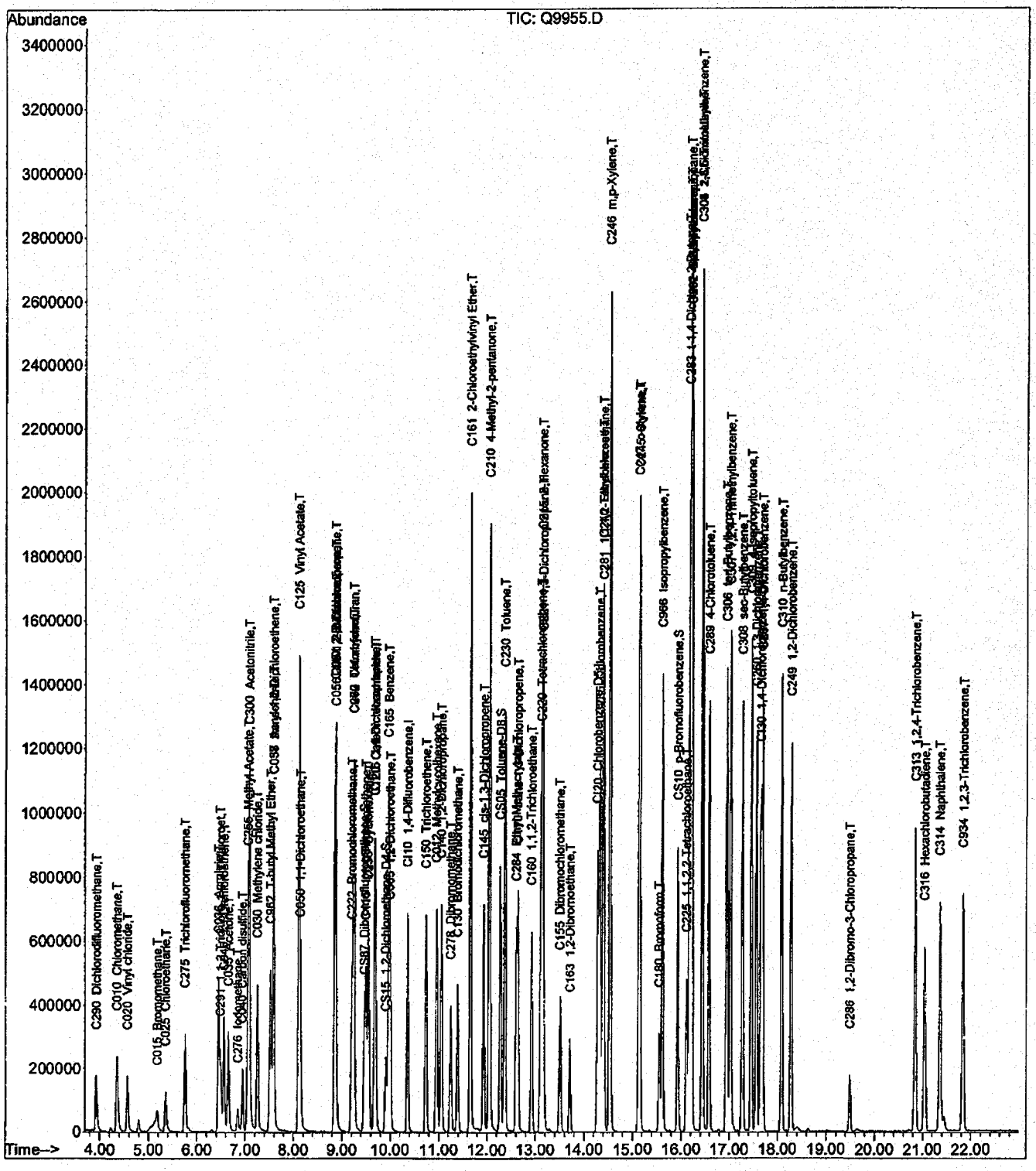
GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	2.0220	1.8551	0.0100	8.200	100.00
1,4-Dichlorobenzene	2.1030	1.8943	0.0100	9.900	100.00
Cyclohexane	1.0680	0.5969	0.0100	44.100	100.00
Dichlorodifluoromethane	0.3330	0.3554	0.0100	-6.700	100.00
Methyl acetate	0.4720	0.5861	0.0100	-24.200	100.00
Trichlorofluoromethane	0.3720	0.5126	0.0100	-37.800	100.00
Methyl-t-Butyl Ether (MTBE)	0.6540	0.7283	0.0100	-11.400	100.00
Isopropylbenzene	3.9210	3.4145	0.0100	12.900	100.00
Methylcyclohexane	0.6670	0.4452	0.0100	33.200	100.00
Toluene-D8	1.3410	1.0763	0.0100	19.700	100.00
p-Bromofluorobenzene	0.4720	0.5826	0.0100	-23.400	100.00
1,2-Dichloroethane-D4	0.3850	0.2862	0.0100	25.700	100.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9955.D Vial: 1
Acq On : 6 Sep 2008 13:24 Operator: ND
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 13:50:32 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 13:28:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9955.D Vial: 1
Acq On : 6 Sep 2008 13:24 Operator: ND
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 13:50:32 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 13:28:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\090508\Q9930.D (5 Sep 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.36	114	663522	125.00	ng		0.00 97.30%
43) CI20	Chlorobenzene-D5	14.28	117	611632	125.00	ng		0.00 99.20%
62) CI30	1,4-Dichlorobenzene-	17.65	152	377495	125.00	ng		0.00 101.34%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	9.46	111	159244	103.24	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	82.59%			
31) CS15	1,2-Dichloroethane-D	9.91	65	189889	92.99	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	74.39%			
44) CS05	Toluene-D8	12.27	98	658329	100.34	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	80.27%			
61) CS10	p-Bromofluorobenzene	15.93	174	356356	154.38	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	123.50%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.93	85	235783	133.41	ng		100
3) C010	Chloromethane	4.35	50	404382	122.45	ng		94
4) C020	Vinyl chloride	4.56	62	224760	132.38	ng		92
5) C015	Bromomethane	5.19	94	51933	153.40	ng		87
6) C025	Chloroethane	5.35	64	131972	144.38	ng		97
7) C275	Trichlorofluorometha	5.76	101	340110	172.32	ng		96
8) C045	1,1-Dichloroethene	6.57	96	143300	136.40	ng	#	81
9) C030	Methylene chloride	7.26	84	173846	153.74	ng	#	57
10) C040	Carbon disulfide	6.95	76	279318	89.71	ng		98
11) C036	Acrolein	6.45	56	436528	1710.69	ng		95
12) C038	Acrylonitrile	7.59	53	463489	636.84	ng		95
13) C035	Acetone	6.66	43	494113	678.84	ng	#	89
14) C300	Acetonitrile	7.08	41	1401272	4748.10	ng		99
15) C276	Iodomethane	6.85	142	111843	95.48	ng		87
16) C291	1,1,2 Trichloro-1,2,	6.49	101	107868	104.53	ng	#	84
17) C962	T-butyl Methyl Ether	7.53	73	483210	139.17	ng	#	83
18) C057	trans-1,2-Dichloroet	7.58	96	178560	140.03	ng	#	78
19) C255	Methyl Acetate	7.06	43	388894	155.08	ng	#	81
20) C050	1,1-Dichloroethane	8.15	63	384768	145.44	ng		98
21) C125	Vinyl Acetate	8.11	43	2570407	606.94	ng	#	91
22) C051	2,2-Dichloropropane	8.86	77	325527	123.86	ng		88
23) C056	cis-1,2-Dichloroethe	8.88	96	298731	117.24	ng		92
24) C272	Tetrahydrofuran	9.24	42	530221	431.02	ng	#	80
25) C222	Bromochloromethane	9.20	128	147104	120.89	ng		94
26) C060	Chloroform	9.25	83	471287	125.00	ng		98
27) C115	1,1,1-Trichloroethan	9.49	97	421264	135.63	ng		100
28) C120	Carbon tetrachloride	9.69	117	358739	159.25	ng		100
29) C116	1,1-Dichloropropene	9.67	75	314587	107.97	ng		93
32) C165	Benzene	9.97	78	996942	109.01	ng		98
33) C065	1,2-Dichloroethane	10.00	62	477622	127.24	ng		84
34) C110	2-Butanone	8.85	43	873214	458.84	ng	#	89
35) C256	Cyclohexane	9.55	56	396061	69.88	ng	#	81
36) C150	Trichloroethene	10.73	95	256152	116.25	ng	#	75
37) C140	1,2-Dichloropropane	11.06	63	298770	102.36	ng		88
38) C278	Dibromomethane	11.25	93	165542	120.85	ng	#	85

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9955.D Vial: 1
Acq On : 6 Sep 2008 13:24 Operator: ND
Sample : VSTD025 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 13:50:32 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 13:28:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\090508\Q9930.D (5 Sep 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	352294	138.60	ng		97
40) C161	2-Chloroethylvinyl E	11.66	63	894305	497.73	ng	#	86
41) C012	Methylcycolhexane	10.96	83	295423	83.47	ng	#	78
42) C145	cis-1,3-Dichloroprop	11.93	75	404778	117.19	ng		90
45) C230	Toluene	12.36	92	668306	110.83	ng		94
46) C170	trans-1,3-Dichloropr	12.64	75	385454	116.83	ng		82
47) C284	Ethyl Methacrylate	12.61	69	314392	99.69	ng	#	26
48) C160	1,1,2-Trichloroethan	12.92	83	199190	107.47	ng	#	83
49) C210	4-Methyl-2-pentanone	12.05	43	1821916	484.02	ng	#	90
50) C220	Tetrachloroethene	13.11	166	328716	124.64	ng		88
51) C221	1,3-Dichloropropane	13.16	76	424416	109.95	ng		96
52) C155	Dibromochloromethane	13.51	129	286812	149.11	ng		100
53) C163	1,2-Dibromoethane	13.71	107	271009	116.29	ng		96
54) C215	2-Hexanone	13.14	43	1278904	491.20	ng		93
55) C235	Chlorobenzene	14.33	112	768136	115.55	ng		84
56) C281	1,1,1,2-Tetrachloroe	14.41	131	297311	145.88	ng		97
57) C240	Ethylbenzene	14.39	91	1290169	116.91	ng		95
58) C246	m,p-Xylene	14.53	106	1032638	232.20	ng	#	84
59) C247	o-Xylene	15.13	106	504218	114.92	ng	#	77
60) C245	Styrene	15.16	104	807909	118.02	ng		98
63) C180	Bromoform	15.55	173	210511	132.29	ng		99
64) C966	Isopropylbenzene	15.62	105	1288962	108.85	ng		92
65) C301	Bromobenzene	16.21	156	391640	120.19	ng	#	76
66) C225	1,1,2,2-Tetrachloroe	16.12	83	309392	99.91	ng		93
67) C282	1,2,3-Trichloropropa	16.22	110	106179	115.45	ng		100
68) C283	t-1,4-Dichloro-2-But	16.18	53	741049	531.60	ng	#	77
69) C302	n-Propylbenzene	16.21	91	1574376	107.66	ng		89
70) C303	2-Chlorotoluene	16.44	126	337570	113.43	ng		100
71) C289	4-Chlorotoluene	16.59	126	354427	111.45	ng		100
72) C304	1,3,5-Trimethylbenze	16.45	105	1129712	113.96	ng	#	53
73) C306	tert-Butylbenzene	16.95	134	241123	107.70	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	1182872	113.78	ng		98
75) C308	sec-Butylbenzene	17.27	105	1293731	107.53	ng		91
76) C260	1,3-Dichlorobenzene	17.56	146	700281	114.70	ng		96
77) C309	4-Isopropyltoluene	17.45	119	1154546	111.09	ng		97
78) C267	1,4-Dichlorobenzene	17.69	146	715089	112.62	ng		96
79) C249	1,2-Dichlorobenzene	18.28	146	673892	113.74	ng		94
80) C310	n-Butylbenzene	18.08	91	1030802	106.50	ng		82
81) C286	1,2-Dibromo-3-Chloro	19.49	75	53923	113.41	ng	#	64
82) C313	1,2,4-Trichlorobenze	20.84	180	502305	114.37	ng		96
83) C316	Hexachlorobutadiene	21.04	225	214971	116.23	ng		95
84) C314	Naphthalene	21.35	128	910457	101.33	ng		100
85) C934	1,2,3-Trichlorobenze	21.84	180	440418	111.27	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002238-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: S7559.RR Calibration Date: 09/07/2008 Time: 09:33

Intrument ID: HP5973S Init. Calib. Date(s): 08/24/2008 08/24/2008

Heated Purge (Y/N): N Init. Calib. Times: 12:52 15:43

GC Column: ZB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5440	0.5638	0.1000	-3.600	100.00
Bromomethane	0.1650	0.1598	0.0100	3.200	100.00
Vinyl chloride	0.5110	0.5484	0.0100	-7.300	20.00
Chloroethane	0.1300	0.1398	0.0100	-7.500	100.00
Methylene chloride	0.5280	0.4836	0.0100	8.400	100.00
Acetone	0.0870	0.0972	0.0100	-11.700	100.00
Carbon Disulfide	1.2390	1.2526	0.0100	-1.100	100.00
1,1-Dichloroethene	0.4000	0.4488	0.0100	-12.200	20.00
1,1-Dichloroethane	0.8360	0.9125	0.1000	-9.200	100.00
cis-1,2-Dichloroethene	0.4560	0.4921	0.0100	-7.900	100.00
trans-1,2-Dichloroethene	0.4380	0.4749	0.0100	-8.400	100.00
Chloroform	0.8030	0.8583	0.0100	-6.900	20.00
1,2-Dichloroethane	0.6030	0.6608	0.0100	-9.600	100.00
2-Butanone	0.1100	0.1317	0.0100	-19.700	100.00
1,1,1-Trichloroethane	0.7260	0.7907	0.0100	-8.900	100.00
Carbon Tetrachloride	0.5870	0.6475	0.0100	-10.300	100.00
Bromodichloromethane	0.5280	0.5900	0.0100	-11.700	100.00
1,2-Dichloropropane	0.4370	0.4793	0.0100	-9.700	20.00
cis-1,3-Dichloropropene	0.5930	0.6868	0.0100	-15.800	100.00
Trichloroethene	0.4570	0.4893	0.0100	-7.100	100.00
Dibromochloromethane	0.5230	0.5556	0.0100	-6.200	100.00
1,1,2-Trichloroethane	0.4180	0.4485	0.0100	-7.300	100.00
Benzene	1.8120	1.9399	0.0100	-7.000	100.00
trans-1,3-Dichloropropene	0.9050	0.9459	0.0100	-4.500	100.00
Bromoform	0.2530	0.2750	0.1000	-8.700	100.00
4-Methyl-2-pentanone	0.4280	0.4643	0.0100	-8.500	100.00
2-Hexanone	0.2830	0.3095	0.0100	-9.400	100.00
Tetrachloroethene	0.7570	0.7387	0.0100	2.400	100.00
1,1,2,2-Tetrachloroethane	0.6850	0.8180	0.3000	-19.400	100.00
Toluene	2.0680	2.0592	0.0100	0.400	20.00
Chlorobenzene	2.0590	2.0025	0.3000	2.700	100.00
Ethylbenzene	3.8610	3.9502	0.0100	-2.300	20.00
Styrene	2.0520	2.1528	0.0100	-4.900	100.00
Total Xylenes	1.2480	1.2662	0.0100	-1.400	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.4200	0.4374	0.0100	-4.100	100.00
1,2,4-Trichlorobenzene	0.8300	0.8909	0.0100	-7.300	100.00
1,2-Dibromo-3-chloropropane	0.1090	0.1140	0.0100	-4.600	100.00
1,2-Dibromoethane	0.4470	0.4772	0.0100	-6.800	100.00
1,2-Dichlorobenzene	1.6900	1.7534	0.0100	-3.800	100.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002238-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: S7559.RR Calibration Date: 09/07/2008 Time: 09:33

Intrument ID: HP5973S Init. Calib. Date(s): 08/24/2008 08/24/2008

Heated Purge (Y/N): N Init. Calib. Times: 12:52 15:43

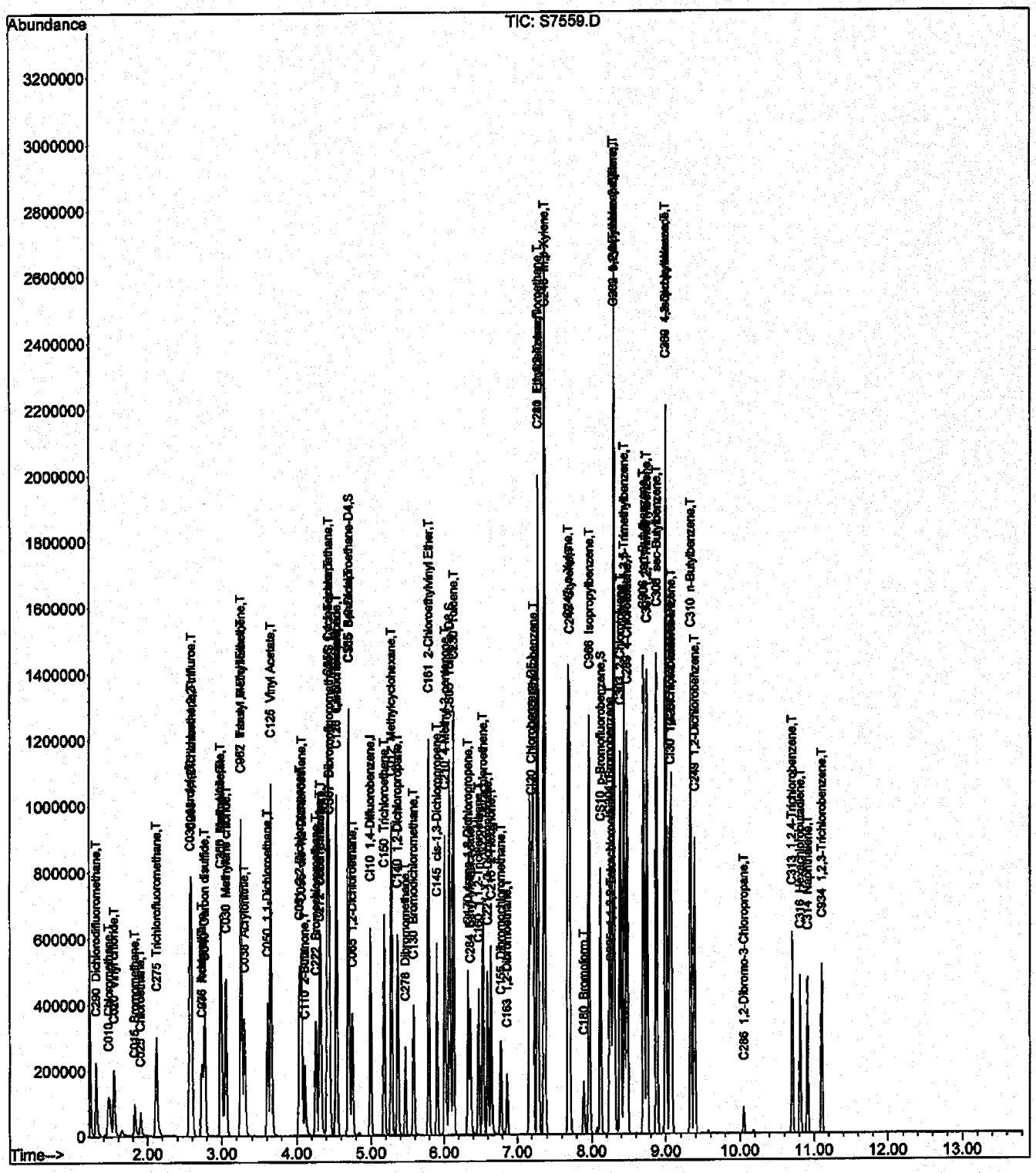
GC Column: ZB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.9080	1.9277	0.0100	-1.000	100.00
1,4-Dichlorobenzene	1.9610	1.9397	0.0100	1.100	100.00
Cyclohexane	0.8180	0.9485	0.0100	-16.000	100.00
Dichlorodifluoromethane	0.4800	0.5482	0.0100	-14.200	100.00
Methyl acetate	0.2990	0.3610	0.0100	-20.700	100.00
Trichlorofluoromethane	0.7060	0.7003	0.0100	0.800	100.00
Methyl-t-Butyl Ether (MTBE)	0.7960	0.9481	0.0100	-19.100	100.00
Isopropylbenzene	4.2980	4.2296	0.0100	1.600	100.00
Methylcyclohexane	0.7410	0.8099	0.0100	-9.300	100.00
Toluene-D8	2.9310	2.7311	0.0100	6.800	100.00
p-Bromofluorobenzene	0.7220	0.7035	0.0100	2.600	100.00
1,2-Dichloroethane-D4	0.4940	0.5175	0.0100	-4.800	100.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7559.D Vial: 2
Acq On : 7 Sep 2008 9:33 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 07 11:00:02 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 09:01:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7559.D Vial: 2
Acq On : 7 Sep 2008 9:33 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:00:02 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 09:01:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\090608\S7527.D (6 Sep 2008 8:39)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	349138	125.00	ng	0.00 93.16%
43) CI20	Chlorobenzene-D5	7.19	82	209677	125.00	ng	0.00 97.59%
63) CI30	1,4-Dichlorobenzene-	9.06	152	157199	125.00	ng	0.00 89.63%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	134785	126.13	NG	0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	100.90%		
31) CS15	1,2-Dichloroethane-D	4.69	65	180679	130.84	ng	0.00
Spiked Amount	125.000 Range	66 - 137		Recovery =	104.67%		
44) CS05	Toluene-D8	6.07	98	572659	116.50	ng	0.00
Spiked Amount	125.000 Range	71 - 126		Recovery =	93.20%		
62) CS10	p-Bromofluorobenzene	8.12	174	147501	121.79	ng	0.00
Spiked Amount	125.000 Range	73 - 120		Recovery =	97.43%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	191384	142.64	ng	# 100
3) C010	Chloromethane	1.47	50	196851	129.53	ng	98
4) C020	Vinyl chloride	1.54	62	191464	134.11	ng	87
5) C015	Bromomethane	1.82	94	55781	126.30	ng	87
6) C025	Chloroethane	1.90	64	48799	134.04	ng	89
7) C275	Trichlorofluorometha	2.12	101	244495	124.00	ng	98
8) C045	1,1-Dichloroethene	2.59	96	156676	140.08	ng	85
9) C030	Methylene chloride	3.06	84	168850	141.57	ng	97
10) C040	Carbon disulfide	2.77	76	437333	126.42	ng	100
11) C036	Acrolein	2.57	56	255356	2117.09	ng	96
12) C038	Acrylonitrile	3.30	53	220994	812.47	ng	90
13) C035	Acetone	2.73	43	169596	698.33	ng	97
14) C300	Acetonitrile	2.98	41	600931	6355.50	ng	98
15) C276	Iodomethane	2.74	142	140963	107.43	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.58	101	152724	130.22	ng	88
17) C962	T-butyl Methyl Ether	3.26	73	331003	148.79	ng	90
18) C057	trans-1,2-Dichloroet	3.25	96	165814	135.68	ng	89
19) C255	Methyl Acetate	2.98	43	126031	150.79	ng	97
20) C050	1,1-Dichloroethane	3.61	63	318575	136.36	ng	100
21) C125	Vinyl Acetate	3.65	43	1202480	748.75	ng	99
22) C051	2,2-Dichloropropane	4.04	77	240542	149.25	ng	95
23) C056	cis-1,2-Dichloroethe	4.07	96	171800	134.94	ng	88
24) C272	Tetrahydrofuran	4.30	42	138993	785.62	ng	98
25) C222	Bromochloromethane	4.26	128	66861	135.71	ng	# 81
27) C060	Chloroform	4.32	83	299682	133.61	ng	98
28) C115	1,1,1-Trichloroethan	4.42	97	276062	136.07	ng	95
29) C120	Carbon tetrachloride	4.53	117	226074	137.95	ng	100
30) C116	1,1-Dichloropropene	4.54	75	233869	140.68	ng	97
32) C165	Benzene	4.70	78	677310	133.80	ng	99
33) C065	1,2-Dichloroethane	4.75	62	230710	136.91	ng	99
34) C110	2-Butanone	4.11	43	229970	746.47	ng	99
35) C256	Cyclohexane	4.43	56	331174	144.87	ng	93
36) C150	Trichloroethene	5.18	95	170849	133.75	ng	83
37) C140	1,2-Dichloropropane	5.36	63	167327	137.19	ng	98
38) C278	Dibromomethane	5.47	93	80331	141.45	ng	83

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7559.D Vial: 2
Acq On : 7 Sep 2008 9:33 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:00:02 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 09:01:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\090608\S7527.D (6 Sep 2008 8:39)

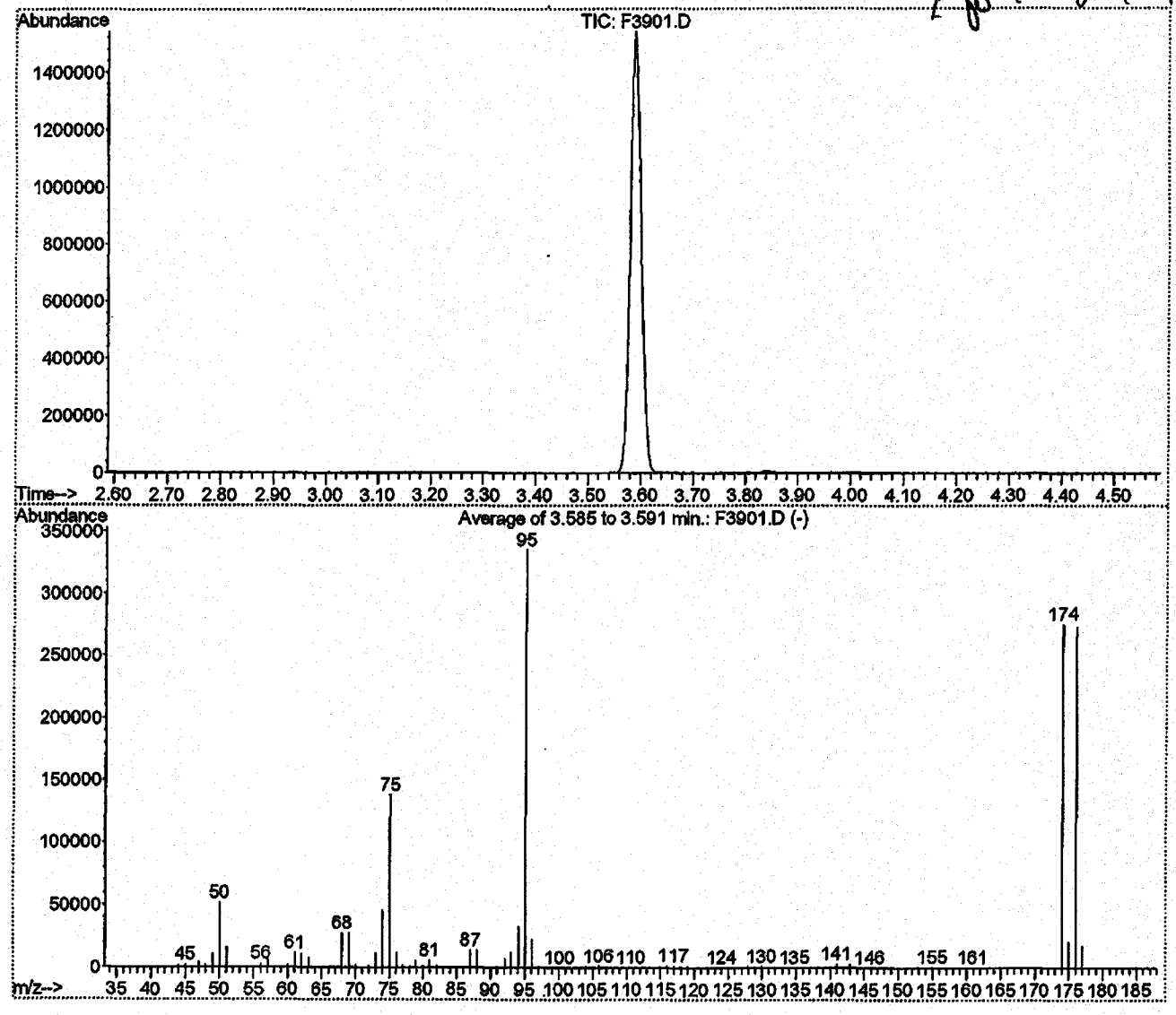
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	205983	139.66	ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	360155	778.56	ng		98
41) C012	Methylcyclohexane	5.28	83	282765	136.60	ng		91
42) C145	cis-1,3-Dichloroprop	5.90	75	239777	144.80	ng		98
45) C230	Toluene	6.13	92	431775	124.49	ng		94
46) C170	trans-1,3-Dichloropr	6.33	75	198323	130.65	ng		98
47) C284	Ethyl Methacrylate	6.36	69	137798	121.22	ng	#	97
48) C160	1,1,2-Trichloroethan	6.48	83	94030	133.99	ng		99
49) C210	4-Methyl-2-pentanone	6.01	43	486759	677.38	ng		94
50) C220	Tetrachloroethene	6.54	166	154895	122.06	ng		96
51) C221	1,3-Dichloropropane	6.60	76	207661	132.59	ng		98
52) C155	Dibromochloromethane	6.78	129	116487	132.81	ng		95
53) C163	1,2-Dibromoethane	6.86	107	100065	133.54	ng		97
54) C215	2-Hexanone	6.64	43	324512	684.37	ng		98
55) C235	Chlorobenzene	7.22	112	419876	121.55	ng		94
56) C281	1,1,1,2-Tetrachloroe	7.29	131	134127	124.98	ng		96
57) C240	Ethylbenzene	7.28	91	828276	127.89	ng		95
58) C246	m,p-Xylene	7.37	106	583871	251.46	ng		86
59) C247	o-Xylene	7.69	106	265498	126.79	ng		84
60) C245	Styrene	7.70	104	451391	131.12	ng		93
61) C180	Bromoform	7.90	173	57666	135.84	ng		95
64) C966	Isopropylbenzene	7.97	105	664883	123.01	ng		97
65) C301	Bromobenzene	8.25	156	146621	126.85	ng	#	71
66) C225	1,1,2,2-Tetrachloroe	8.27	83	128590	149.26	ng		98
67) C282	1,2,3-Trichloropropa	8.30	110	34045	127.75	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	136849	633.71	ng	#	35
69) C302	n-Propylbenzene	8.30	91	996938	132.70	ng		90
70) C303	2-Chlorotoluene	8.39	126	165522	130.05	ng		100
71) C289	4-Chlorotoluene	8.48	126	170815	126.62	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	623607	133.65	ng		95
73) C306	tert-Butylbenzene	8.70	134	125468	135.71	ng	#	72
74) C307	1,2,4-Trimethylbenze	8.75	105	624733	136.49	ng		95
75) C308	sec-Butylbenzene	8.88	105	775683	145.07	ng		93
76) C260	1,3-Dichlorobenzene	9.01	146	303035	126.28	ng		98
77) C309	4-Isopropyltoluene	8.99	119	623559	134.74	ng		94
78) C267	1,4-Dichlorobenzene	9.08	146	304924	133.26	ng		95
79) C249	1,2-Dichlorobenzene	9.39	146	275636	129.70	ng		94
80) C310	n-Butylbenzene	9.34	91	610424	138.57	ng		90
81) C286	1,2-Dibromo-3-Chloro	10.05	75	17922	124.48	ng	#	61
82) C313	1,2,4-Trichlorobenze	10.71	180	140051	134.16	ng		99
83) C316	Hexachlorobutadiene	10.82	225	71426	123.83	ng		96
84) C314	Naphthalene	10.92	128	281394	140.25	ng		95
85) C934	1,2,3-Trichlorobenze	11.11	180	121966	131.69	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Raw QC Data

BFB Tune Evaluation

Data File : H:\GCMS_VOA\F\081808\F3901.D Vial: 2
Acq On : 18 Aug 2008 21:25 Operator: CDC
Sample : 0818BFBF1 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON



Peak Apex is scan: 475 (3.59 min)
Average of 3 scans: 474,475,476 minus background scan 455 (3.52 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	51696	PASS
75	95	30	60	41.2	138432	PASS
95	95	100	100	100.0	336042	PASS
96	95	5	9	6.7	22570	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	82.1	275797	PASS
175	174	5	9	7.5	20805	PASS
176	174	95	101	99.1	273280	PASS
177	176	5	9	6.5	17709	PASS

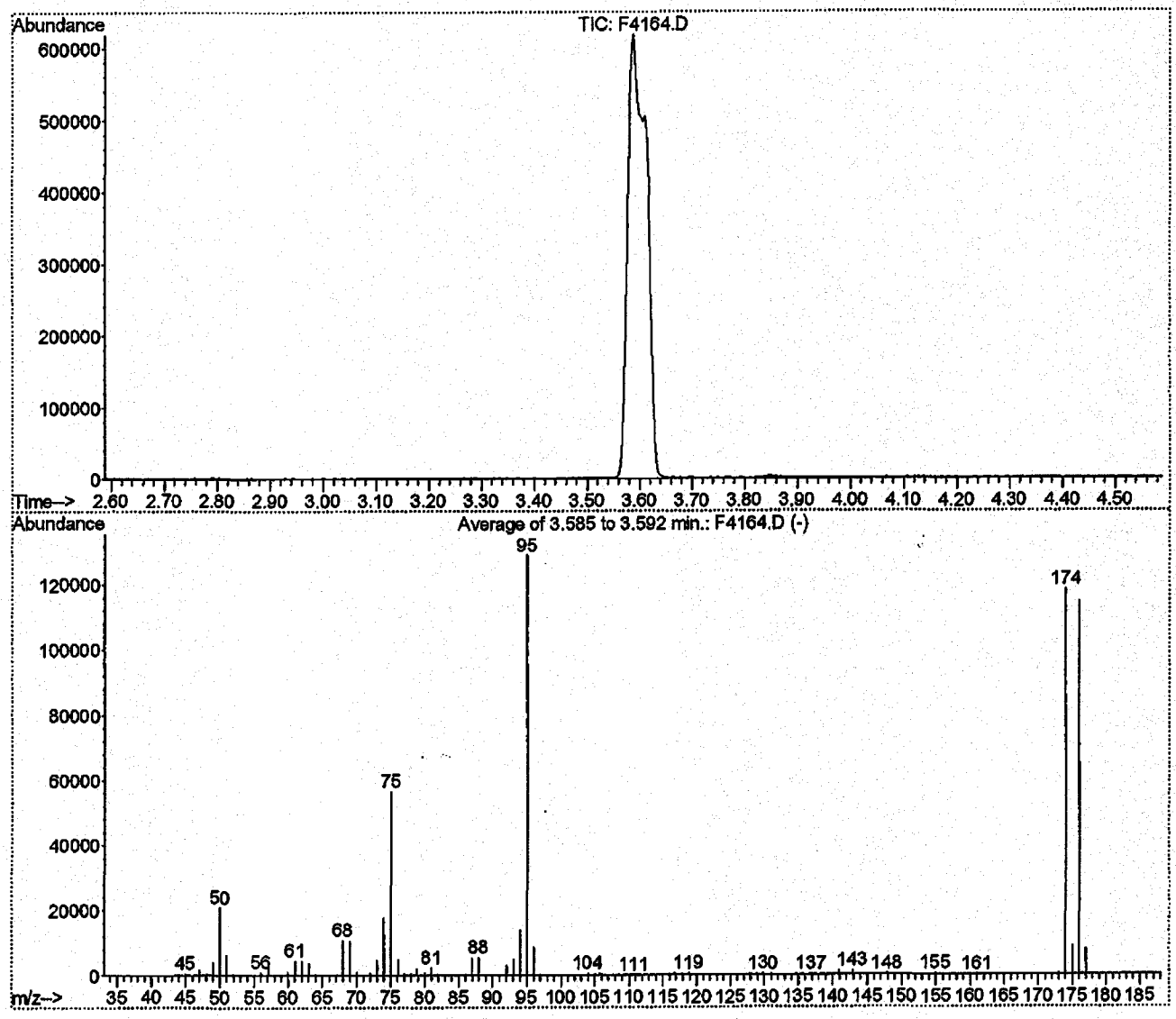
F3901.D A8I00000621.M Tue Aug 19 00:19:16 2008 HP5973P

Average of 3.585 to 3.591 min.: F3901.D
0818BFBF1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
45.00	2286	63.05	7626	87.00	13764	176.00	273280
47.05	4053	68.00	27613	88.00	13560	176.95	17709
47.95	2020	69.00	27554	92.10	7468		
49.05	10665	70.05	2196	93.00	11773		
50.05	51696	73.05	10939	94.05	33298		
51.10	16422	74.00	45389	95.00	336042		
56.05	3227	75.05	138432	96.05	22570		
57.05	6332	76.10	11725	140.95	3211		
60.05	2271	77.05	1898	142.95	2718		
61.05	11564	78.95	5322	174.00	275797		
62.05	11212	80.95	5600	175.00	20805		

BFB Tune Evaluation 3f

Data File : H:\GCMS_VOA\F\082808\F4164.D Vial: 1
Acq On : 28 Aug 2008 10:10 Operator: LH
Sample : 0828BFBF1 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON



Peak Apex is scan: 475 (3.59 min)
Average of 3 scans: 474,475,476 minus background scan 455 (3.52 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	16.1	20890	PASS
75	95	30	60	43.8	56613	PASS
95	95	100	100	100.0	129373	PASS
96	95	5	9	6.7	8698	PASS
173	174	0	2	0.4	440	PASS
174	95	50	100	91.6	118469	PASS
175	174	5	9	7.3	8698	PASS
176	174	95	101	96.9	114770	PASS
177	176	5	9	6.7	7741	PASS

F4164.D A8I00000621.M Thu Aug 28 12:05:23 2008 HP5973P

Average of 3.585 to 3.592 min.: F4164.D
0828BFBF1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
47.05	1762	69.05	10328	87.95	5453	177.00	7741
49.05	4117	70.00	791	92.05	3051		
50.05	20890	72.00	738	93.05	4922		
51.00	6171	73.05	4665	94.05	13815		
56.00	924	74.00	17645	95.00	129373		
57.05	2552	75.00	56613	96.05	8698		
59.95	1007	76.05	4838	140.95	1175		
61.05	4501	78.90	2076	142.90	1268		
62.05	4409	80.00	659	174.00	118469		
63.05	3544	80.95	2329	175.00	8698		
68.00	10748	86.95	5134	176.00	114770		

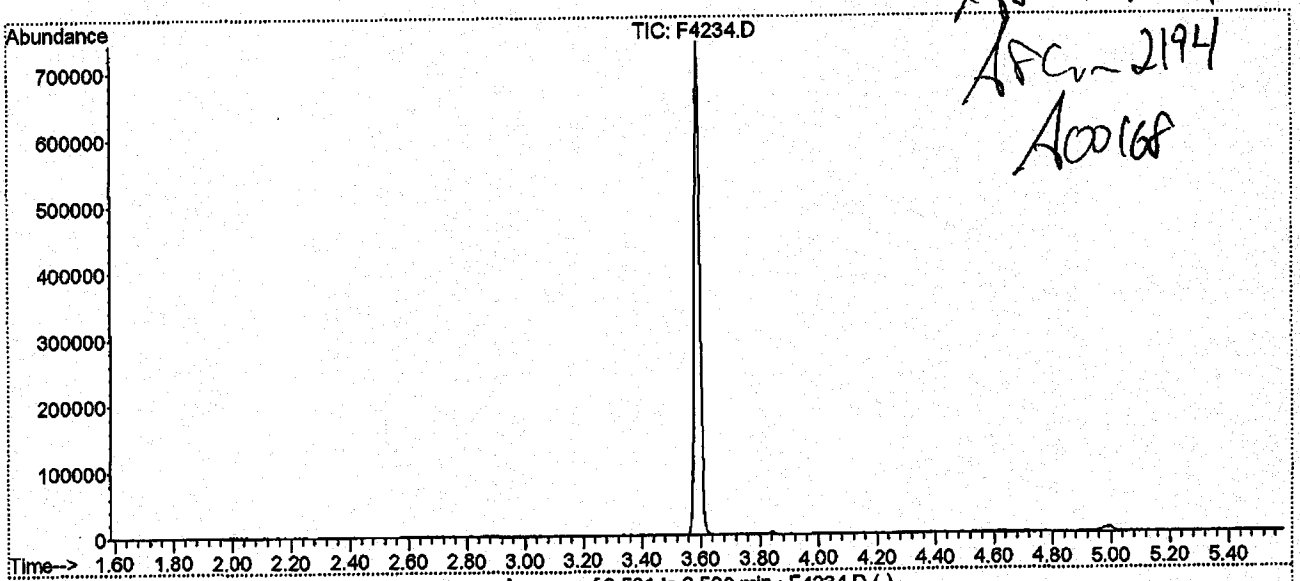
A80 41703

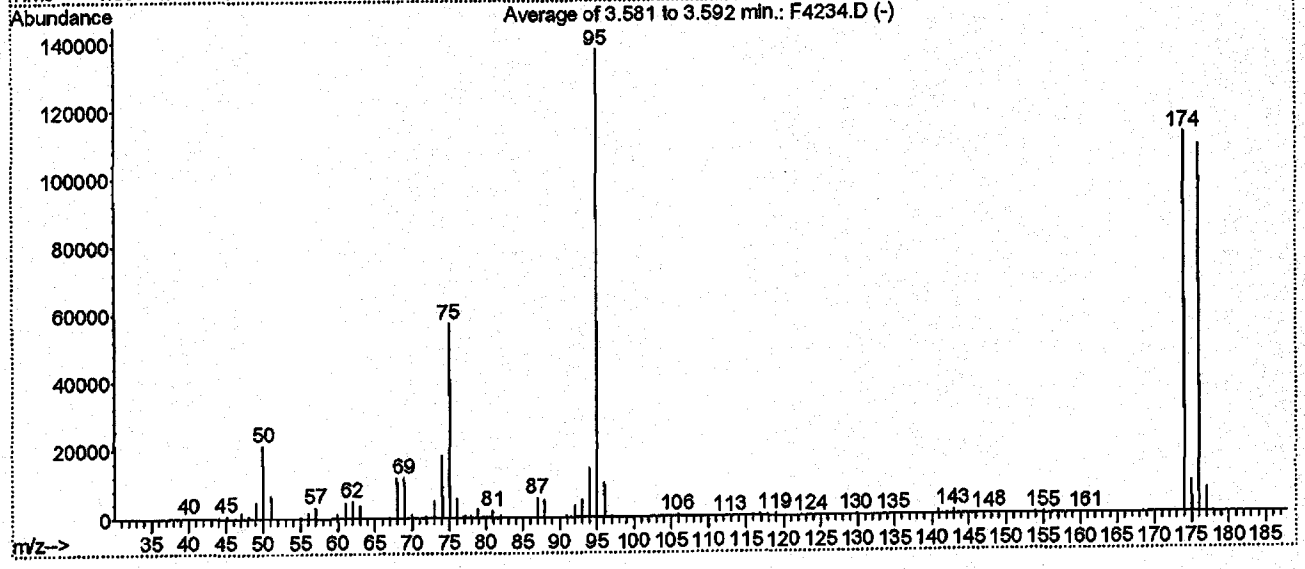
BFB

Data File : H:\GCMS_VOA\F\090308\F4234.D
Acq On : 3 Sep 2008 9:41
Sample : 0903BFBF1
Misc :
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

A8T..2574
A8Cv-2194
A00168





Spectrum Information: Average of 3.581 to 3.592 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	21282	PASS
75	95	30	60	41.5	57252	PASS
95	95	100	100	100.0	137824	PASS
96	95	5	9	7.2	9914	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.2	111890	PASS
175	174	5	9	7.9	8866	PASS
176	174	95	101	96.7	108160	PASS
177	176	5	9	6.4	6923	PASS

F4234.D A8I00000621.M Wed Sep 03 10:51:13 2008 HP5973P

Average of 3.581 to 3.592 min.: F4234.D
0903BFBF1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
40.10	276	51.05	6722	63.05	3562	75.05	57252
40.90	42	51.90	222	63.95	193	76.05	5701
42.10	44	52.10	64	64.20	89	76.95	284
43.10	50	55.05	344	66.95	207	77.15	563
44.05	594	56.05	1695	67.20	86	77.95	508
45.10	966	57.05	3224	68.00	11666	78.90	2313
46.30	123	57.90	83	69.00	11720	79.80	152
47.15	1644	58.10	60	70.00	904	80.10	429
48.05	728	59.95	1075	72.00	616	80.95	2080
49.05	4749	61.05	4569	73.00	4878	82.00	509
50.05	21282	62.05	4989	74.05	18270	85.95	103

Average of 3.581 to 3.592 min.: F4234.D
0903BFBF1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
87.00	5661	105.95	537	118.95	710	134.85	155
87.95	5054	106.70	40	123.75	77	135.15	140
90.95	379	110.90	39	127.80	220	136.80	155
92.05	3307	112.95	89	128.05	221	139.70	80
93.05	4871	114.70	40	128.70	60	140.00	68
94.05	14371	115.10	83	129.00	76	140.95	1149
95.00	137824	115.95	353	129.85	305	141.80	87
96.05	9914	116.85	651	130.05	161	142.10	149
97.00	337	117.10	97	130.75	94	142.95	1184
103.95	324	117.80	49	130.90	46	144.00	44
104.90	61	117.95	368	131.10	42	145.00	40

Average of 3.581 to 3.592 min.: F4234.D
0903BFBF1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
146.05	104	171.20	55				
147.80	250	171.80	43				
148.00	167	174.00	111890				
149.80	53	175.00	8866				
153.90	156	176.00	108160				
154.90	55	177.00	6923				
155.05	340	177.85	219				
157.00	221						
158.60	43						
158.80	37						
160.80	38						

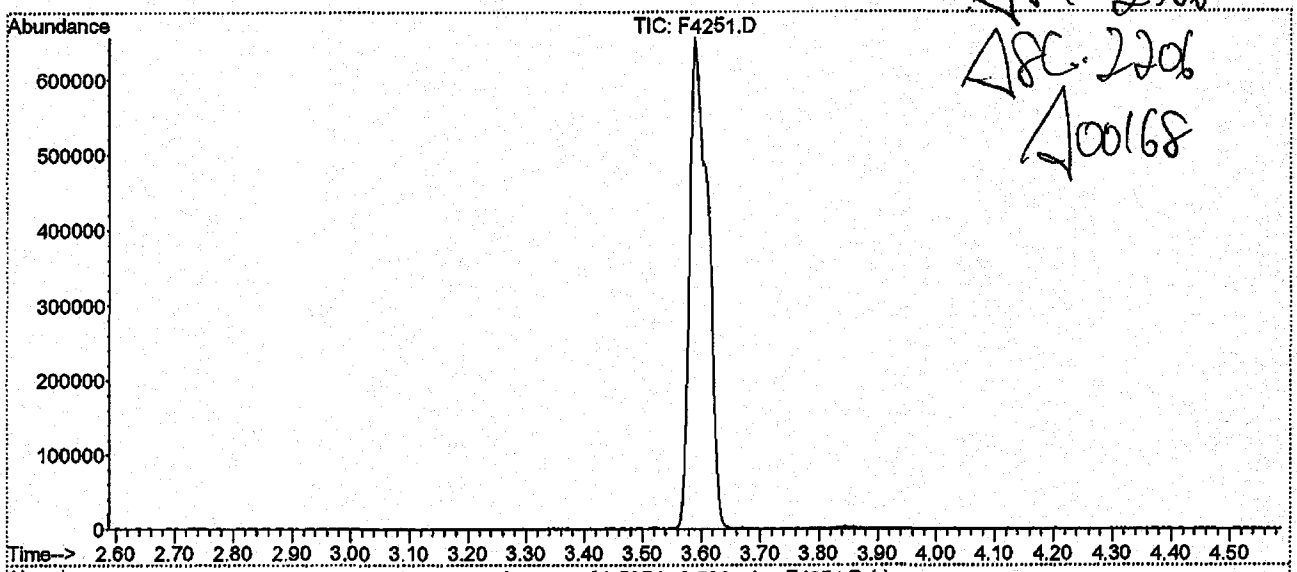
A8J4780

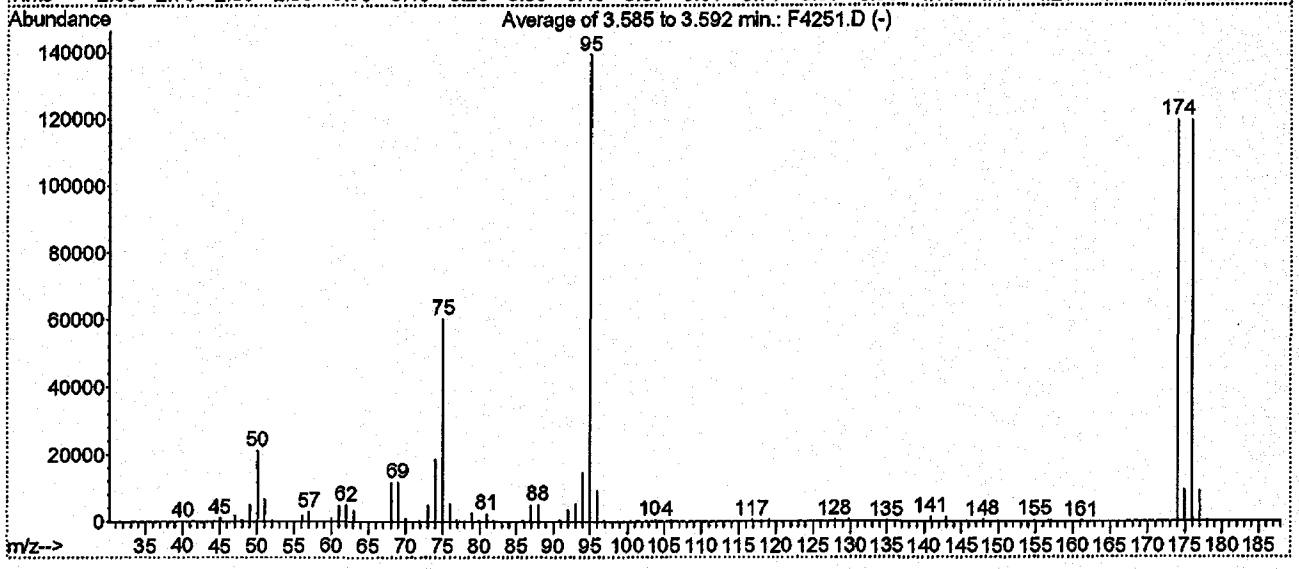
BFB Tune Evaluation

Data File : H:\GCMS_VOA\F\090408\F4251.D
Acq On : 4 Sep 2008 10:24
Sample : 0904BFBF1
Misc :
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON

Vial: 1
Operator: LH
Inst : HP5973F
Multiplr: 1.00

A8C-2586
A8C-2206
A00168





Peak Apex is scan: 475 (3.59 min)
Average of 3 scans: 474,475,476 minus background scan 455 (3.52 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	21162	PASS
75	95	30	60	43.2	60242	PASS
95	95	100	100	100.0	139337	PASS
96	95	5	9	6.5	9090	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	85.9	119701	PASS
175	174	5	9	7.8	9373	PASS
176	174	95	101	99.7	119346	PASS
177	176	5	9	7.7	9217	PASS

F4251.D A8I00000621.M Thu Sep 04 10:32:19 2008 HP5973P

Average of 3.585 to 3.592 min.: F4251.D
0904BFBF1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
45.05	1072	68.00	11513	92.00	3505		
47.05	1834	69.00	11755	93.00	5172		
49.05	5046	70.05	847	94.05	14377		
50.05	21162	73.00	4876	95.00	139337		
51.05	6824	74.00	18557	96.00	9090		
56.05	1698	75.00	60242	140.90	1289		
57.00	3003	76.00	5142	142.95	1217		
60.05	997	78.95	2324	174.00	119701		
61.00	4808	80.95	2206	174.95	9373		
62.05	4928	86.95	4839	175.95	119346		
63.05	3374	87.95	5014	176.95	9217		

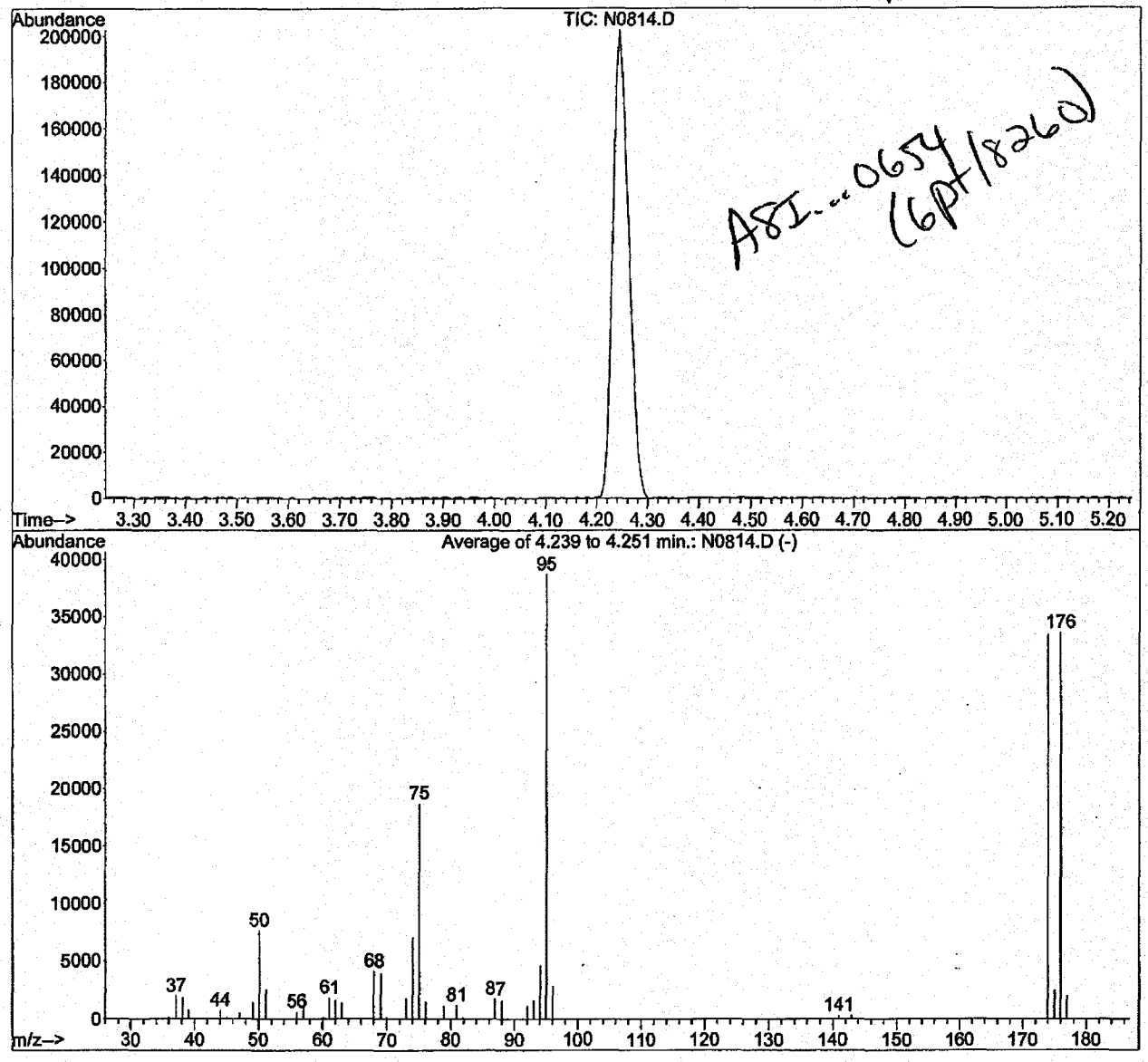
BFB Tune Evaluation

Data File : C:\MSDChem\2\DATA\090508\N0814.D
Acq On : 5 Sep 2008 15:07
Sample : 0905BFBN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML

A8T 2607



Peak Apex is scan: 356 (4.24 min)
Average of 3 scans: 355,356,357 minus background scan 336 (4.12 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	7671	PASS
75	95	30	60	48.3	18725	PASS
95	95	100	100	100.0	38733	PASS
96	95	5	9	7.3	2837	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	86.4	33482	PASS
175	174	5	9	7.3	2452	PASS
176	174	95	101	100.4	33602	PASS
177	176	5	9	5.8	1939	PASS

N0814.D A8I0000654-6PT.M Fri Sep 05 15:15:20 2008 CHEMSTAT2

Average of 4.239 to 4.251 min.: N0814.D
0905BFBN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	1987	62.05	1607	88.00	1569	176.95	1939
38.10	1808	63.05	1408	92.05	1149		
39.05	787	68.00	4116	93.05	1566		
44.05	714	69.05	3896	94.05	4590		
47.05	499	73.05	1736	95.00	38733		
49.10	1460	74.00	7042	96.05	2837		
50.10	7671	75.05	18725	140.95	292		
51.10	2556	76.05	1459	142.90	290		
56.05	609	78.95	1118	173.95	33482		
57.05	1170	80.90	1176	174.95	2452		
61.05	1832	86.95	1735	175.90	33602		

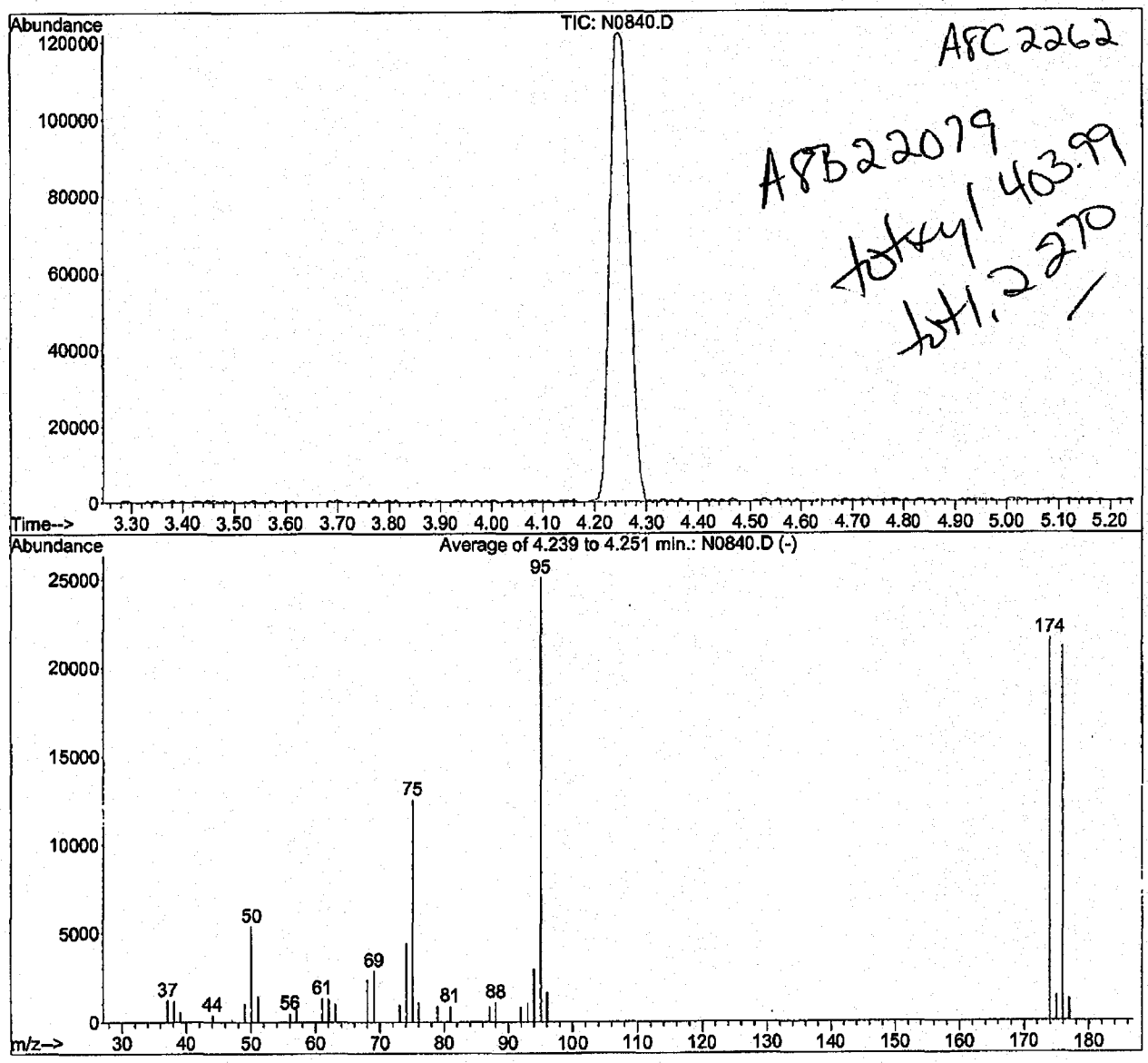
BFB Tune Evaluation

Data File : C:\MSDChem\2\DATA\090908\N0840.D
Acq On : 9 Sep 2008 8:49
Sample : 0909BFBN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML

A8t 2646
A8C 2262
A8B22079
tdtxy 403.99
td1.270



Peak Apex is scan: 356 (4.24 min)
Average of 3 scans: 355,356,357 minus background scan 336 (4.12 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	5408	PASS
75	95	30	60	49.9	12541	PASS
95	95	100	100	100.0	25112	PASS
96	95	5	9	6.7	1681	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	86.1	21629	PASS
175	174	5	9	6.5	1405	PASS
176	174	95	101	97.8	21149	PASS
177	176	5	9	6.0	1259	PASS

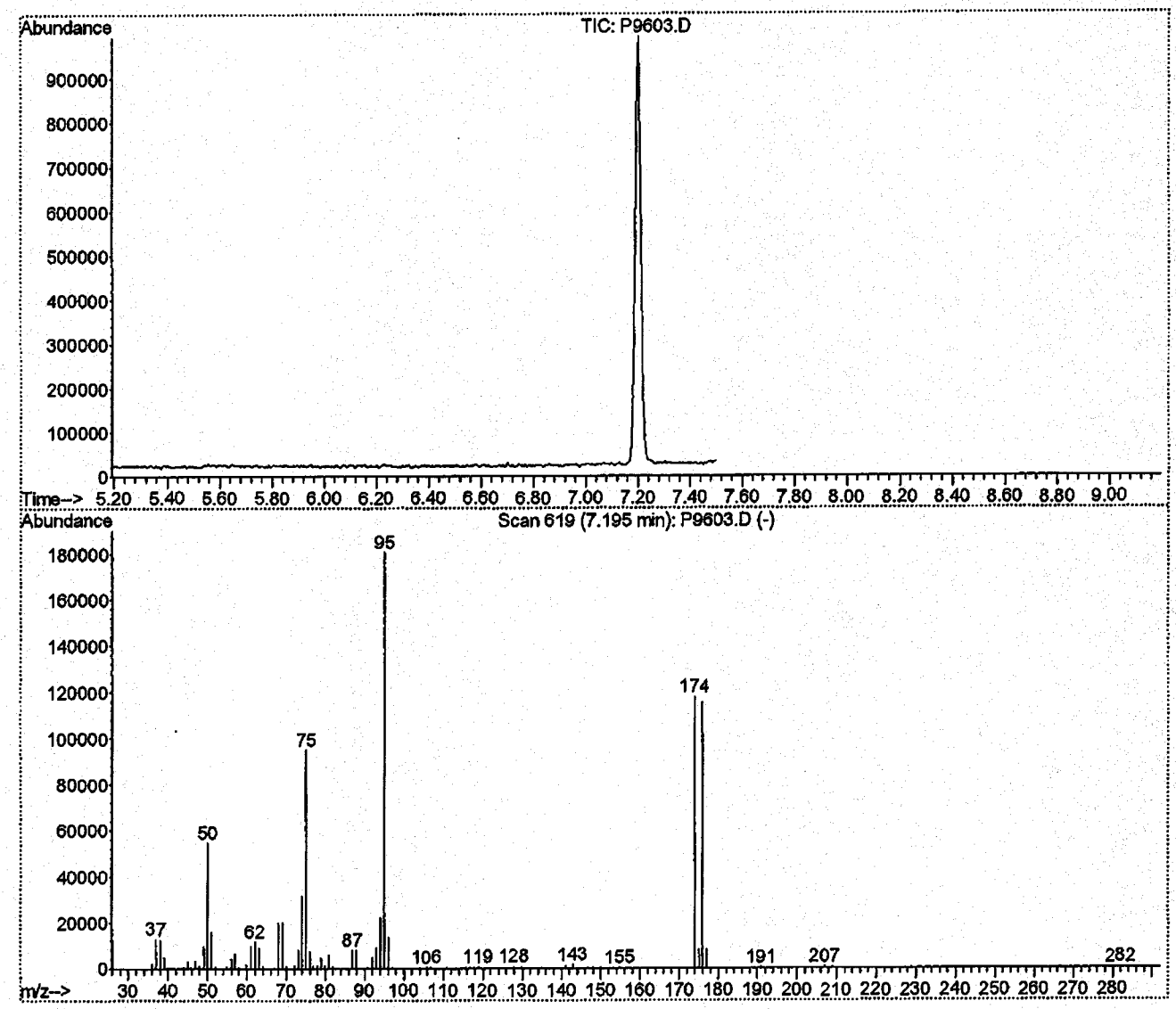
N0840.D A8I0000654-6PT.M Tue Sep 09 08:55:27 2008 CHEMSTAT2

Average of 4.239 to 4.251 min.: N0840.D
0909BFBN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	1217	62.05	1285	88.05	1112		
38.10	1212	63.05	1006	91.95	828		
39.10	558	68.05	2356	93.05	1042		
44.05	399	69.05	2857	94.05	2993		
47.10	164	73.05	965	95.05	25112		
49.05	1048	74.10	4403	96.05	1681		
50.10	5408	75.10	12541	173.95	21629		
51.10	1467	76.00	1101	174.95	1405		
56.05	489	78.95	872	175.95	21149		
57.05	707	80.95	852	176.95	1259		
61.05	1332	87.05	853				

BFB

Data File : H:\GCMS_VOA\P\072308\P9603.D
Acq On : 23 Jul 2008 15:50
Sample : 0723BFBP2
Misc :
Vial: 13
Operator: LH
Inst : HP5973 P
Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML



Spectrum Information: Scan 619

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	30.1	54520	PASS
75	95	30	60	52.4	94888	PASS
95	95	100	100	100.0	180928	PASS
96	95	5	9	7.4	13446	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.0	117608	PASS
175	174	5	9	6.8	8003	PASS
176	174	95	101	98.2	115488	PASS
177	176	5	9	6.9	8017	PASS

P9603.D A8I0000550.M Thu Jul 24 09:07:28 2008 HP5973P

Scan 619 (7.195 min): P9603.D
0723BFBP2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2212	47.90	1267	62.00	11567	76.00	7482
37.00	12635	49.00	9717	63.00	8742	76.90	1185
38.00	12048	50.00	54520	64.10	1148	77.90	1493
39.00	4977	51.00	16038	67.00	478	78.90	4541
39.95	233	52.10	783	68.00	19760	79.90	1216
41.00	170	54.90	866	69.00	20064	80.90	5954
43.00	103	56.00	4190	70.00	1316	81.90	938
44.00	638	57.00	6540	72.10	1353	86.90	7941
45.00	3168	58.00	391	73.00	8113	87.90	8017
45.90	451	59.90	1855	74.00	31568	90.80	602
46.90	3242	60.90	9855	75.00	94888	91.90	4754

Scan 619 (7.195 min): P9603.D
0723BFBP2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	8940	117.90	605	154.80	434		
94.00	22048	118.90	739	172.00	360		
95.00	180928	127.90	1027	173.90	117608		
96.00	13446	129.80	830	175.00	8003		
97.00	561	132.85	109	175.90	115488		
104.00	602	134.80	412	176.90	8017		
105.90	661	141.00	1314	190.95	401		
106.90	477	142.90	1776	207.00	667		
110.90	369	146.80	387	209.00	592		
115.80	573	148.00	533	282.00	366		
116.90	699	149.90	377				

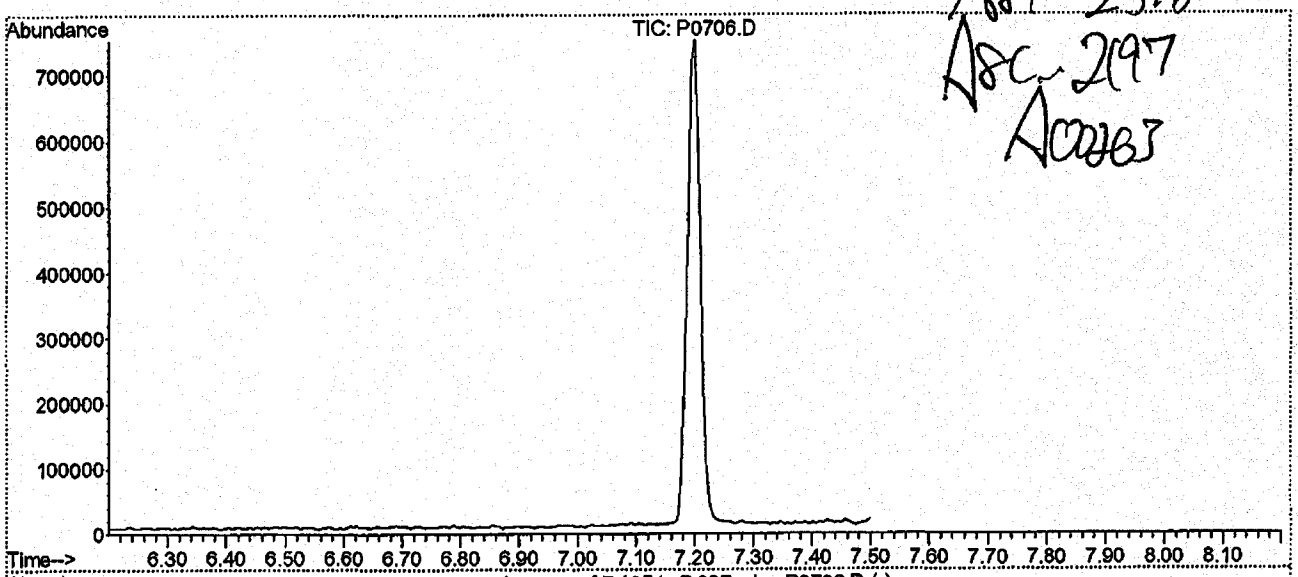
A8J24719

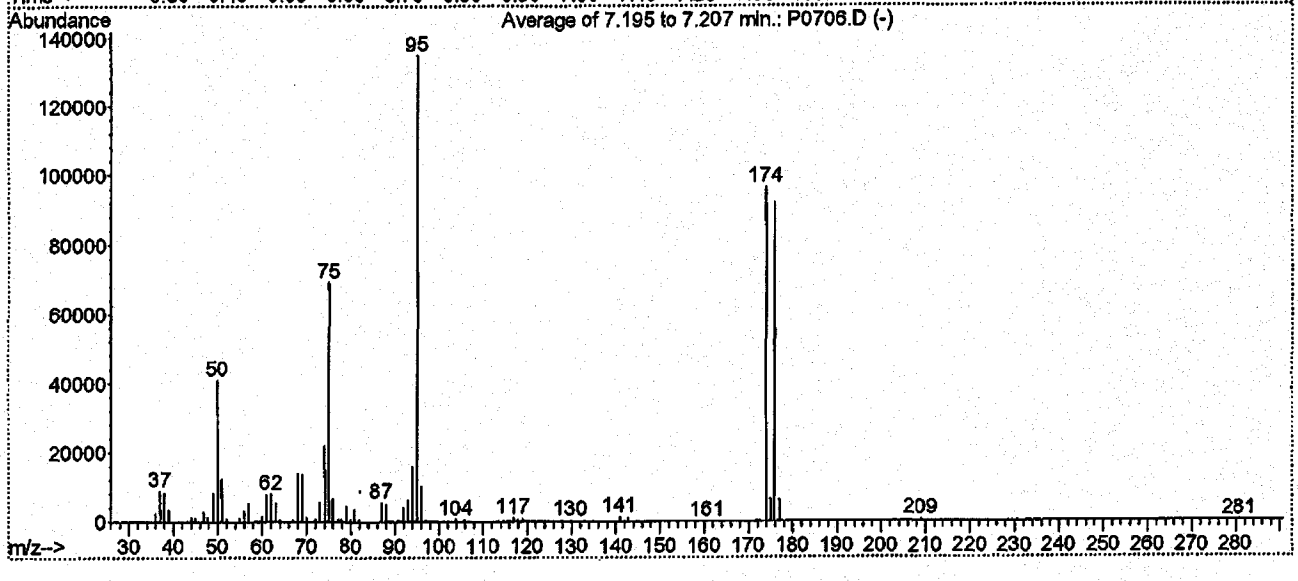
BFB Tune Evaluation

Data File : H:\GCMS_VOA\P\090308\P0706.D
Acq On : 3 Sep 2008 9:36
Sample : 0903BFBP1
Misc :
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML

Vial: 1
Operator: LH
Inst : HP5973 P
Multiplr: 1.00

A8T.2576
A8C.2197
A0963





Peak Apex is scan: 620 (7.20 min)
Average of 3 scans: 619,620,621 minus background scan 600 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	30.3	40952	PASS
75	95	30	60	51.3	69194	PASS
95	95	100	100	100.0	134960	PASS
96	95	5	9	7.5	10079	PASS
173	174	0	2	0.2	171	PASS
174	95	50	100	71.4	96394	PASS
175	174	5	9	6.9	6610	PASS
176	174	95	101	95.4	91944	PASS
177	176	5	9	6.8	6213	PASS

P0706.D A8I0000550.M Wed Sep 03 10:53:21 2008 HP5973P

Average of 7.195 to 7.207 min.: P0706.D
0903BFBP1
Modified:subtracted

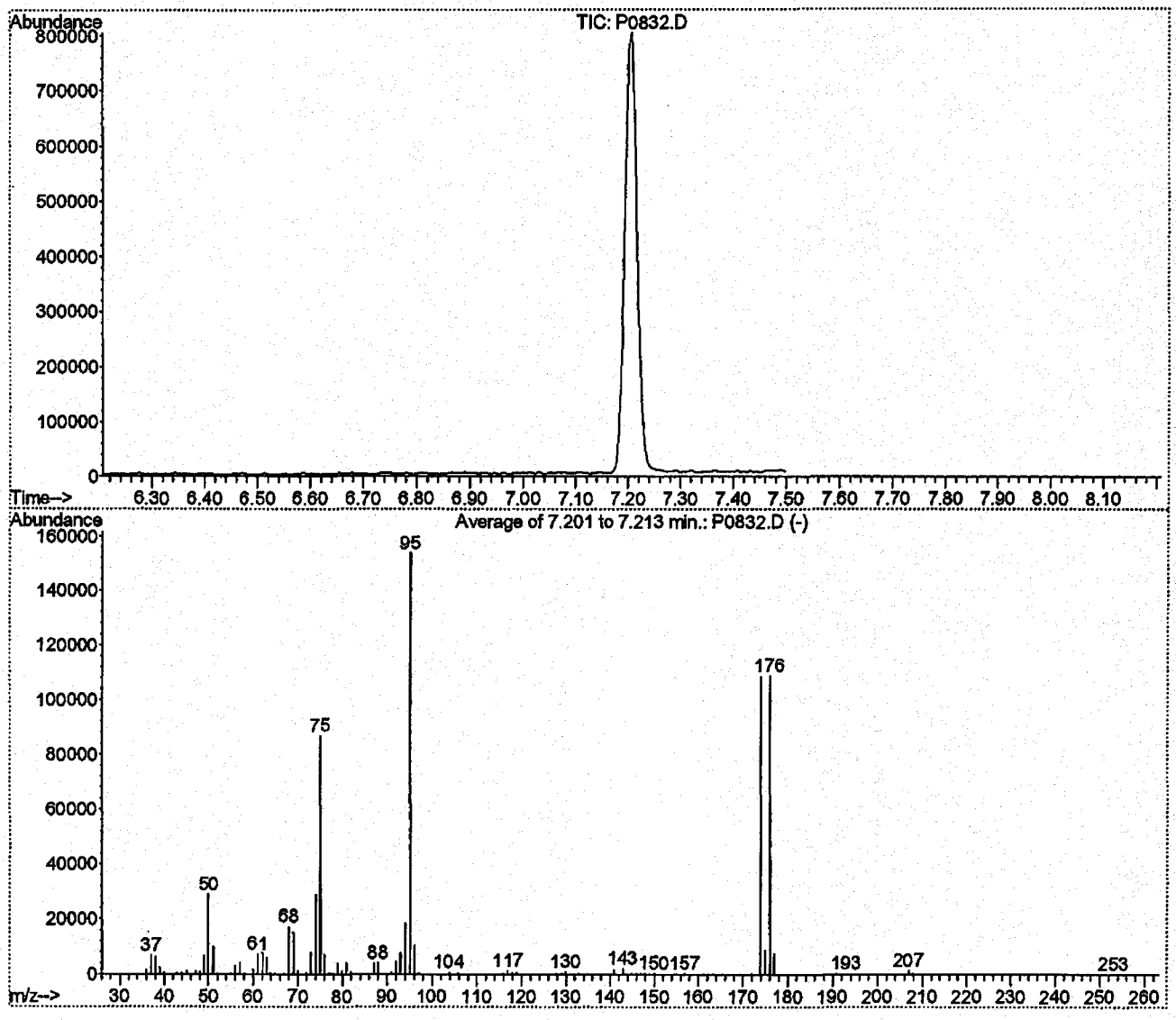
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2291	52.10	697	70.00	1272	86.95	5541
37.00	8911	55.00	831	71.95	848	87.90	4986
38.00	8366	56.00	3005	72.90	5613	91.95	4055
39.00	3323	56.95	5089	74.00	21933	92.95	6137
44.00	1424	59.95	1364	75.00	69194	94.00	15896
44.95	997	61.00	7847	75.95	6627	95.00	134960
46.90	2768	62.00	7991	77.85	718	96.00	10079
47.90	1267	63.00	5572	78.90	4362	116.85	1083
49.00	8145	63.95	714	79.85	903	117.90	712
50.00	40952	68.00	13755	80.90	3587	118.90	866
51.00	12354	69.00	13682	81.95	726	140.90	1273

Average of 7.195 to 7.207 min.: P0706.D
0903BFBP1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
142.85	1136						
173.90	96394						
174.95	6610						
175.90	91944						
176.95	6213						

BFB Tune Evaluation

Data File : H:\GCMS_VOA\P\090808\P0832.D Vial: 1
Acq On : 8 Sep 2008 11:27 Operator: LH
Sample : 0908BFBP1 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML



Peak Apex is scan: 621 (7.21 min)
Average of 3 scans: 620,621,622 minus background scan 601 (7.09 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	29042	PASS
75	95	30	60	56.4	86834	PASS
95	95	100	100	100.0	153866	PASS
96	95	5	9	6.7	10355	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	70.6	108605	PASS
175	174	5	9	7.9	8608	PASS
176	174	95	101	100.2	108874	PASS
177	176	5	9	6.9	7497	PASS

P0832.D A8I0000663.M Mon Sep 08 14:46:05 2008 HP5973P

Average of 7.201 to 7.213 min.: P0832.D
0908BFBP1
Modified:subtracted

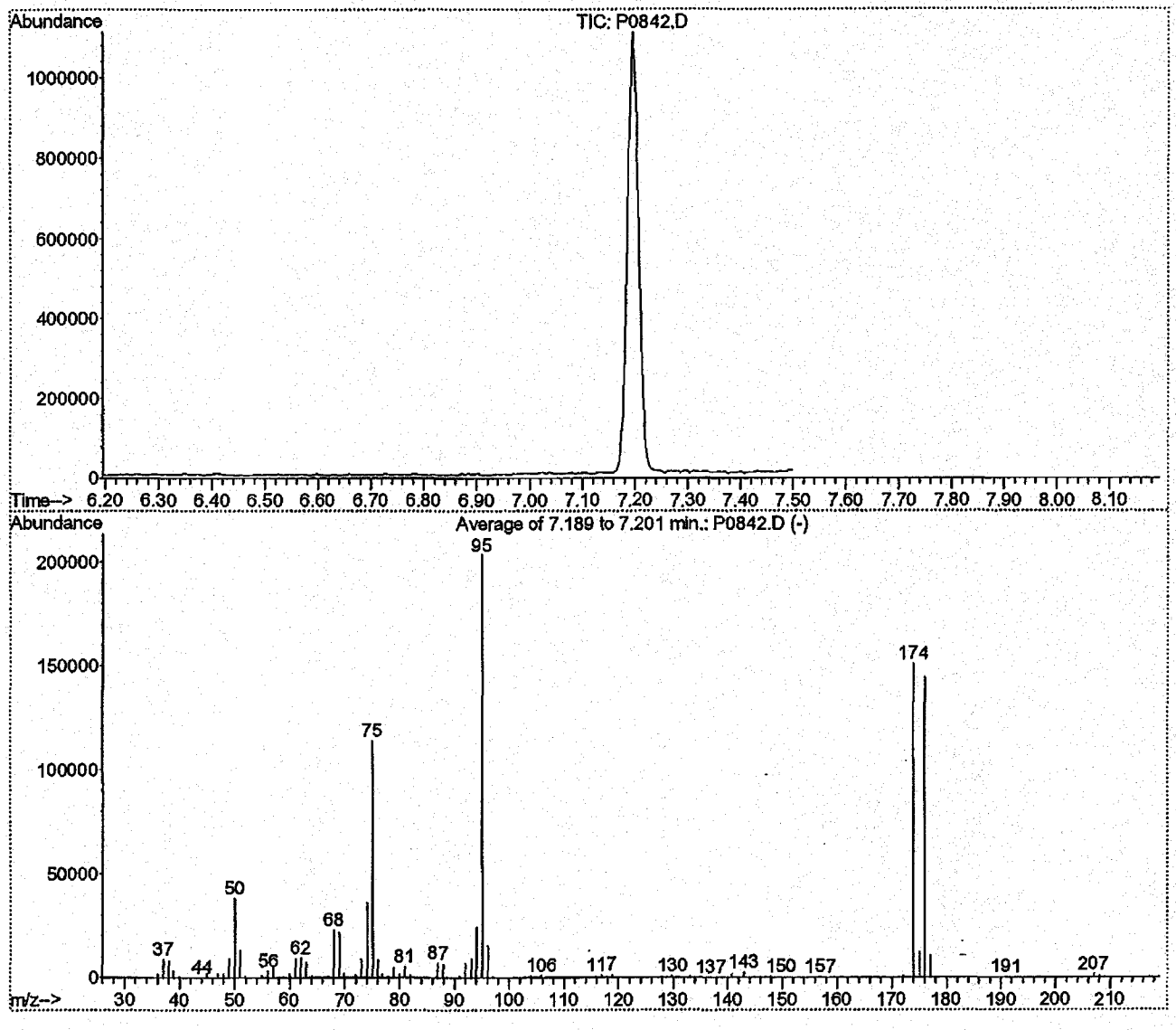
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1325	59.95	1828	78.95	3841	116.95	1226
37.00	6797	61.00	7376	79.85	1107	129.90	863
38.00	6131	62.00	7854	80.90	4303	140.85	1710
39.00	2435	63.05	6163	81.85	906	142.90	2075
45.05	1232	68.00	17215	86.95	3941	173.90	108605
47.05	1165	69.00	15159	87.95	4008	174.95	8608
49.00	6514	69.95	1317	92.00	4517	175.90	108874
50.00	29042	72.95	7705	92.95	7781	176.95	7497
51.00	9808	74.00	28856	94.00	18329	207.00	1353
56.00	2941	75.00	86834	95.00	153866		
57.00	4030	76.00	7128	96.00	10355		

BFB Tune Evaluation

6f

Data File : H:\GCMS_VOA\P\090808\P0842.D
Acq On : 8 Sep 2008 16:59
Sample : 0908BFBP2
Misc :
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML

Vial: 1
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00



Peak Apex is scan: 619 (7.19 min)
Average of 3 scans: 618,619,620 minus background scan 599 (7.07 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	38229	PASS
75	95	30	60	55.9	113842	PASS
95	95	100	100	100.0	203520	PASS
96	95	5	9	7.5	15337	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	74.2	151024	PASS
175	174	5	9	8.0	12098	PASS
176	174	95	101	95.8	144634	PASS
177	176	5	9	7.2	10455	PASS

P0842.D A8I0000663.M Mon Sep 08 17:09:03 2008 HP5973P

Average of 7.189 to 7.201 min.: P0842.D
0908BFBP2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1784	57.00	5728	75.00	113842	94.00	23989
37.00	8732	60.05	1787	76.00	8618	95.00	203520
38.00	7797	60.95	9176	76.90	1578	96.00	15337
38.95	2952	61.95	9246	78.85	4530	105.85	1020
45.00	2078	63.00	7355	79.95	1584	116.85	1199
47.00	1798	68.00	22960	80.85	5328	118.90	1057
47.95	1540	69.00	21629	81.95	1106	140.85	1640
49.00	8783	69.95	1763	86.95	7076	142.90	2434
50.00	38229	72.00	1244	87.95	6529	173.90	151024
51.00	12789	72.90	8719	91.95	6562	175.00	12098
56.05	3178	74.00	35978	93.00	8861	175.90	144634

Average of 7.189 to 7.201 min.: P0842.D
0908BFBP2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
176.90	10455						
206.95	1592						

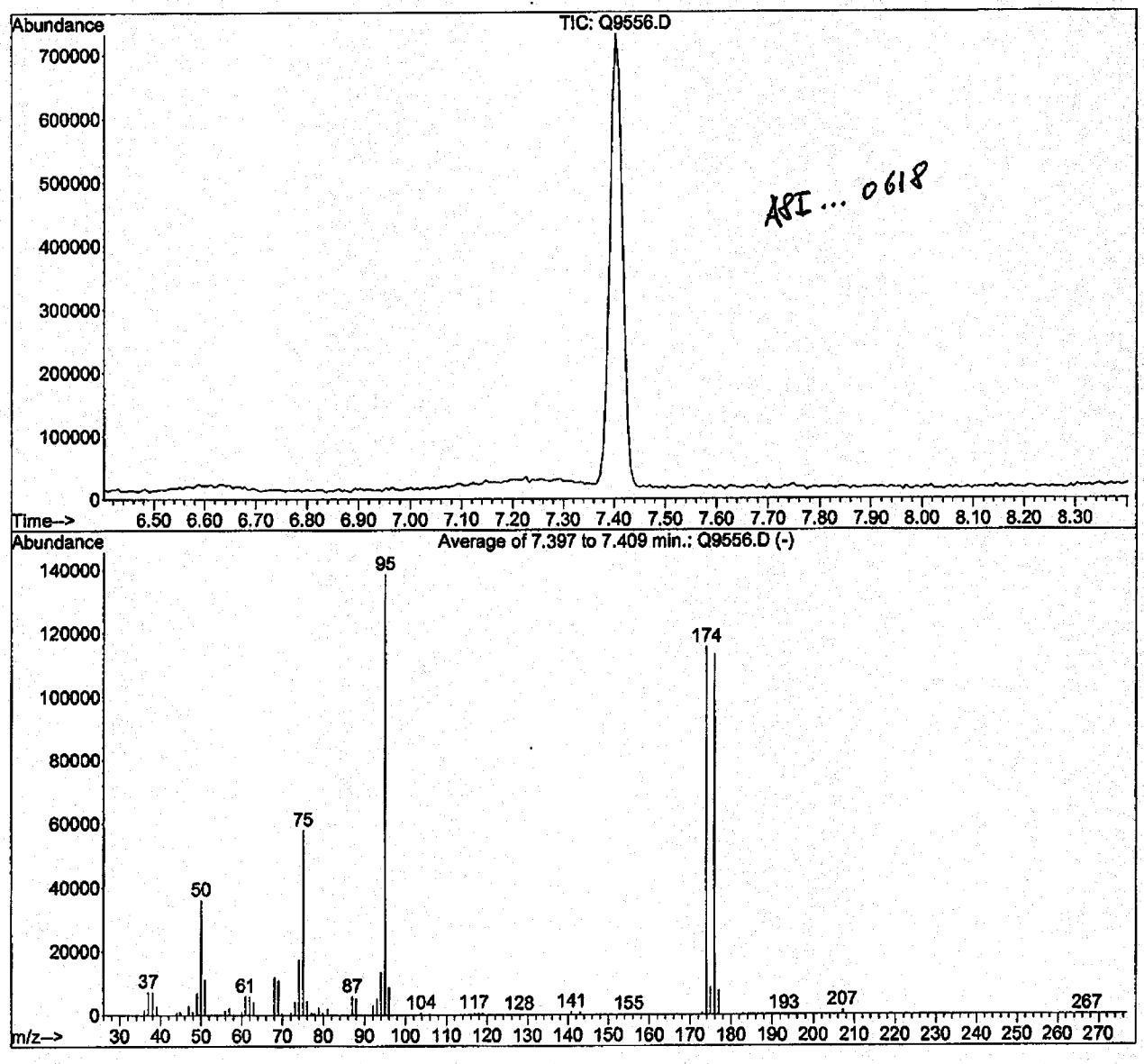
BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\081608\Q9556.D
Acq On : 16 Aug 2008 11:22
Sample : 0816BFBQ1
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: PQ
Inst : HP5973 Q
Multiplr: 1.00

Method : C:\MSDCHEM\1\DAT...A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML

A8T...2406



Peak Apex is scan: 545 (7.40 min)
Average of 3 scans: 544,545,546 minus background scan 525 (7.28 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	26.1	36184	PASS
75	95	30	60	41.9	58061	PASS
95	95	100	100	100.0	138725	PASS
96	95	5	9	6.4	8810	PASS
173	174	0	2	0.6	704	PASS
174	95	50	100	83.3	115538	PASS
175	174	5	9	7.4	8562	PASS
176	174	95	101	98.0	113232	PASS
177	176	5	9	6.6	7525	PASS

Q9556.D A8I0000618-6PT.M Sat Aug 16 11:36:37 2008 CHEMSTAT2

Average of 7.397 to 7.409 min.: Q9556.D
0816BFBQ1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1598	55.90	1613	74.00	17570	94.00	13546
37.00	7462	57.00	2243	75.00	58061	95.00	138725
38.00	6991	60.00	1048	76.00	4396	96.00	8810
39.00	2833	60.95	6039	77.05	821	116.85	736
43.95	849	62.00	5836	78.85	2278	140.85	1106
44.90	1070	62.95	4165	79.85	833	142.95	981
46.95	3043	68.00	12014	80.95	2041	172.85	704
47.90	1025	69.00	10898	87.00	5919	173.90	115538
48.95	7049	69.95	742	87.95	5250	174.95	8562
50.00	36184	72.00	746	92.00	3129	175.90	113232
51.00	11280	73.00	4127	93.00	5089	176.95	7525

Average of 7.397 to 7.409 min.: Q9556.D
0816BFBQ1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.10	1476						

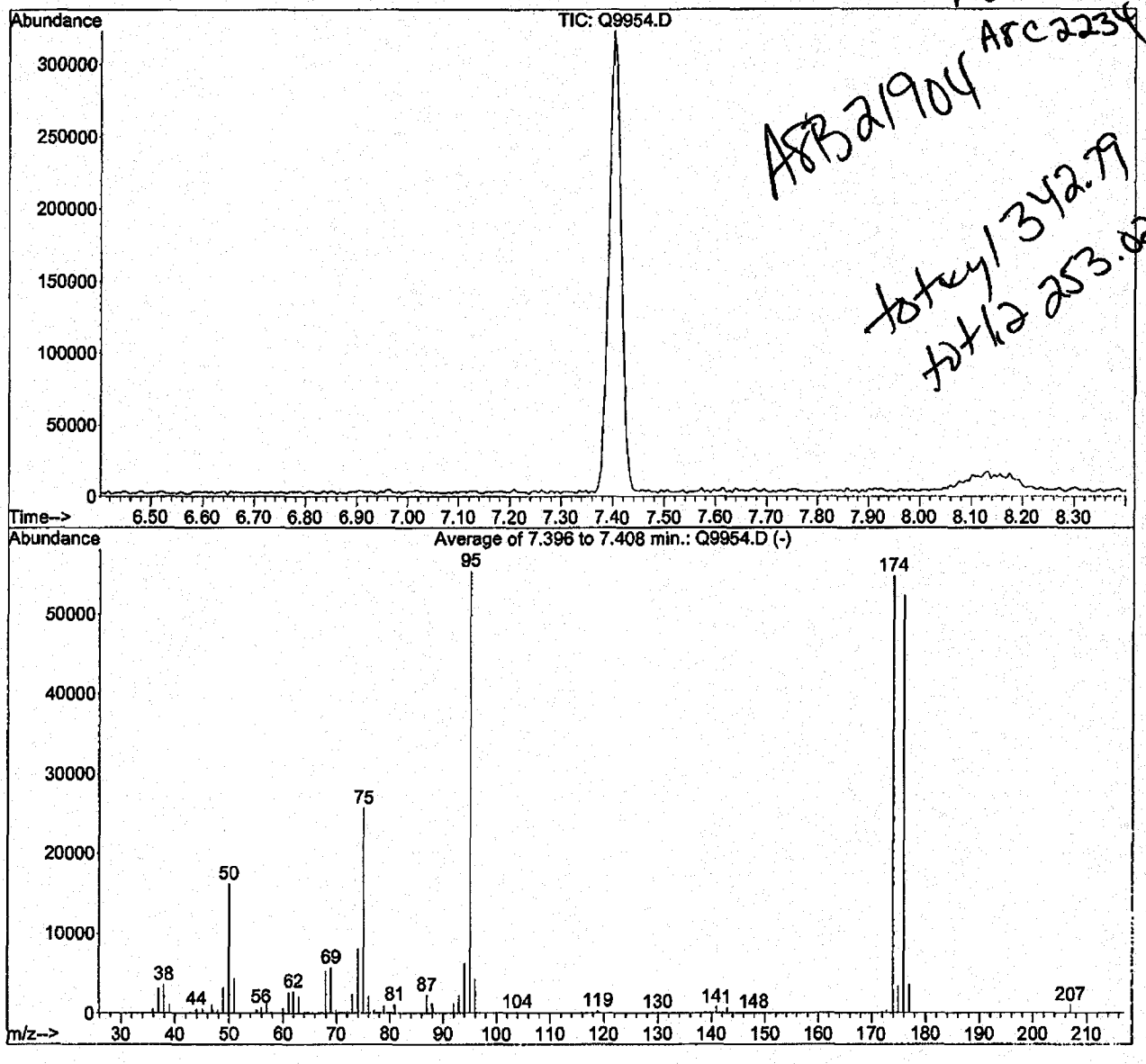
BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\090608\Q9954.D
Acq On : 6 Sep 2008 12:49
Sample : 0906BFBQ1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: ND
Inst : HP5973 Q
Multiplr: 1.00

Method : C:\MSDCHEM\1\DAT...A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML

A8T2616
A8C2234
A8B21904
totcy1342.79
fpt12 253.00



Peak Apex is scan: 545 (7.40 min)
Average of 3 scans: 544,545,546 minus background scan 525 (7.28 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	29.3	16235	PASS
75	95	30	60	46.4	25736	PASS
95	95	100	100	100.0	55482	PASS
96	95	5	9	7.8	4313	PASS
173	174	0	2	0.7	386	PASS
174	95	50	100	98.9	54877	PASS
175	174	5	9	6.2	3381	PASS
176	174	95	101	95.7	52544	PASS
177	176	5	9	6.8	3582	PASS

Q9954.D A8I0000618-6PT.M Sat Sep 06 13:50:23 2008 CHEMSTAT2

Average of 7.396 to 7.408 min.: Q9954.D
0906BFBQ1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	506	55.10	463	74.00	8060	94.00	6247
36.95	3096	55.95	764	75.00	25736	95.00	55482
37.95	3581	56.95	1448	76.00	2127	95.95	4313
39.00	1103	60.00	589	77.00	366	118.90	322
43.95	522	61.00	2583	78.90	948	140.95	776
45.05	515	61.95	2719	80.90	1128	142.90	679
46.90	1047	62.95	1998	86.95	2259	172.80	386
47.90	464	67.95	5251	87.90	1184	173.90	54877
48.90	3274	68.95	5727	88.10	681	174.95	3381
49.95	16235	69.95	461	91.95	1203	175.90	52544
50.95	4367	72.95	2349	92.95	2260	176.95	3582

Average of 7.396 to 7.408 min.: Q9954.D
0906BFBQ1
Modified:subtracted

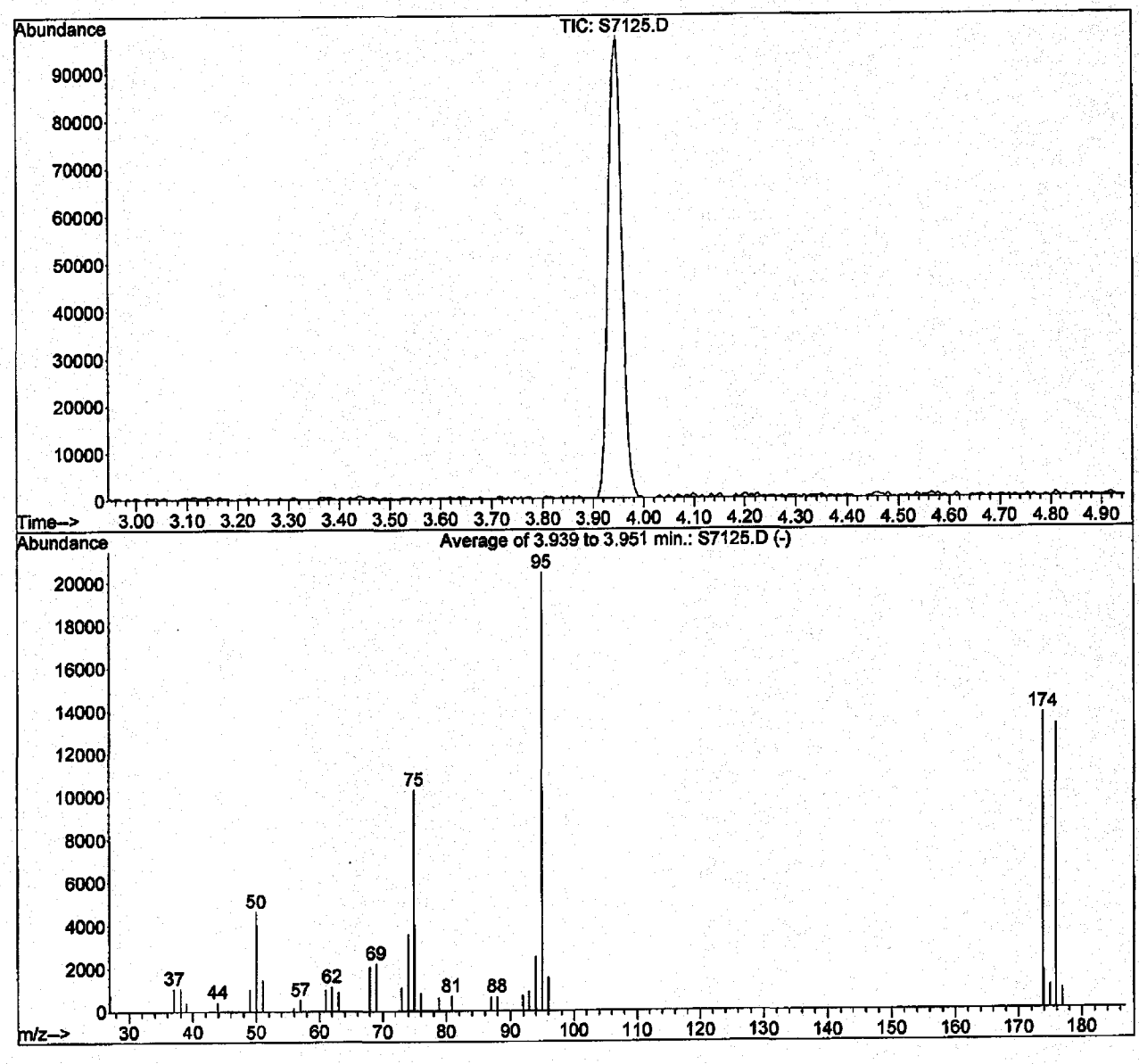
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.95	1047						

BFB Tune Evaluation

Data File : D:\MSDCHEM\S\DATA\082408\S7125.D
Acq On : 24 Aug 2008 11:46
Sample : 0824BFBS1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: ND
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 389 (3.95 min)
Average of 3 scans: 388,389,390 minus background scan 369 (3.82 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	22.7	4639	PASS
75	95	30	60	50.4	10281	PASS
95	95	100	100	100.0	20418	PASS
96	95	5	9	7.5	1541	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	67.5	13774	PASS
175	174	5	9	7.8	1075	PASS
176	174	95	101	96.2	13253	PASS
177	176	5	9	6.8	902	PASS

S7125.D A8I0000635-SIXPT.M Sun Aug 24 17:22:24 2008 HP5973S

Average of 3.939 to 3.951 min.: S7125.D
0824BFBS1
Modified:subtracted

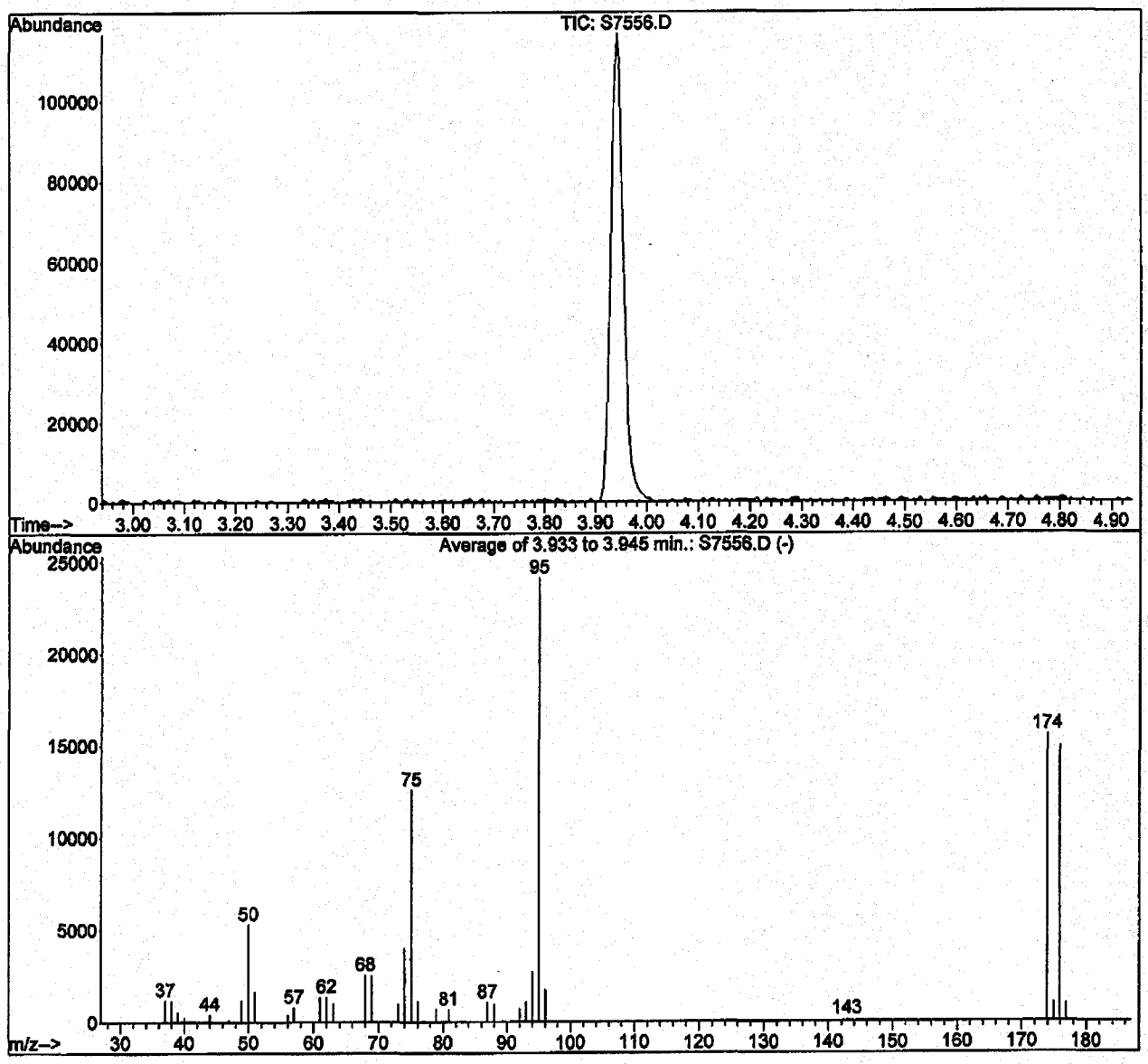
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	1081	63.00	886	91.95	730		
38.00	1057	68.00	2069	92.95	905		
39.05	422	69.00	2207	94.00	2500		
43.95	435	73.00	1106	95.00	20418		
49.00	1009	74.00	3546	96.00	1541		
50.00	4639	75.00	10281	173.90	13774		
51.00	1464	76.00	827	174.95	1075		
55.90	153	78.85	631	175.90	13253		
57.00	548	80.90	683	176.90	902		
61.00	1027	86.95	639				
62.00	1136	87.95	668				

BFB Tune Evaluation

Data File : D:\MSDChem\S\Data\090708\S7556.D
Acq On : 7 Sep 2008 8:24
Sample : 0907BFBS1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: ND
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 388 (3.94 min)
Average of 3 scans: 387,388,389 minus background scan 368 (3.82 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	22.0	5320	PASS
75	95	30	60	52.2	12586	PASS
95	95	100	100	100.0	24128	PASS
96	95	5	9	7.3	1758	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	64.5	15556	PASS
175	174	5	9	6.5	1009	PASS
176	174	95	101	95.7	14881	PASS
177	176	5	9	6.4	947	PASS

S7556.D A8I0000635-SIXPT.M Sun Sep 07 10:59:29 2008 HP5973S

Average of 3.933 to 3.945 min.: S7556.D
0907BFBS1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	1185	61.00	1336	86.95	1082	176.90	947
38.00	1163	62.00	1364	87.95	962		
39.00	579	63.00	1012	92.00	726		
39.95	268	68.00	2552	93.00	1079		
44.00	425	69.00	2519	94.00	2732		
47.00	137	73.00	945	95.00	24128		
49.00	1192	74.00	4009	96.00	1758		
50.00	5320	75.00	12586	142.90	136		
51.00	1658	76.00	1132	173.90	15556		
56.00	419	78.90	712	174.90	1009		
56.95	811	80.90	692	175.90	14881		

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2152302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4169.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	5	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	1	J
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	21	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2152302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4169.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

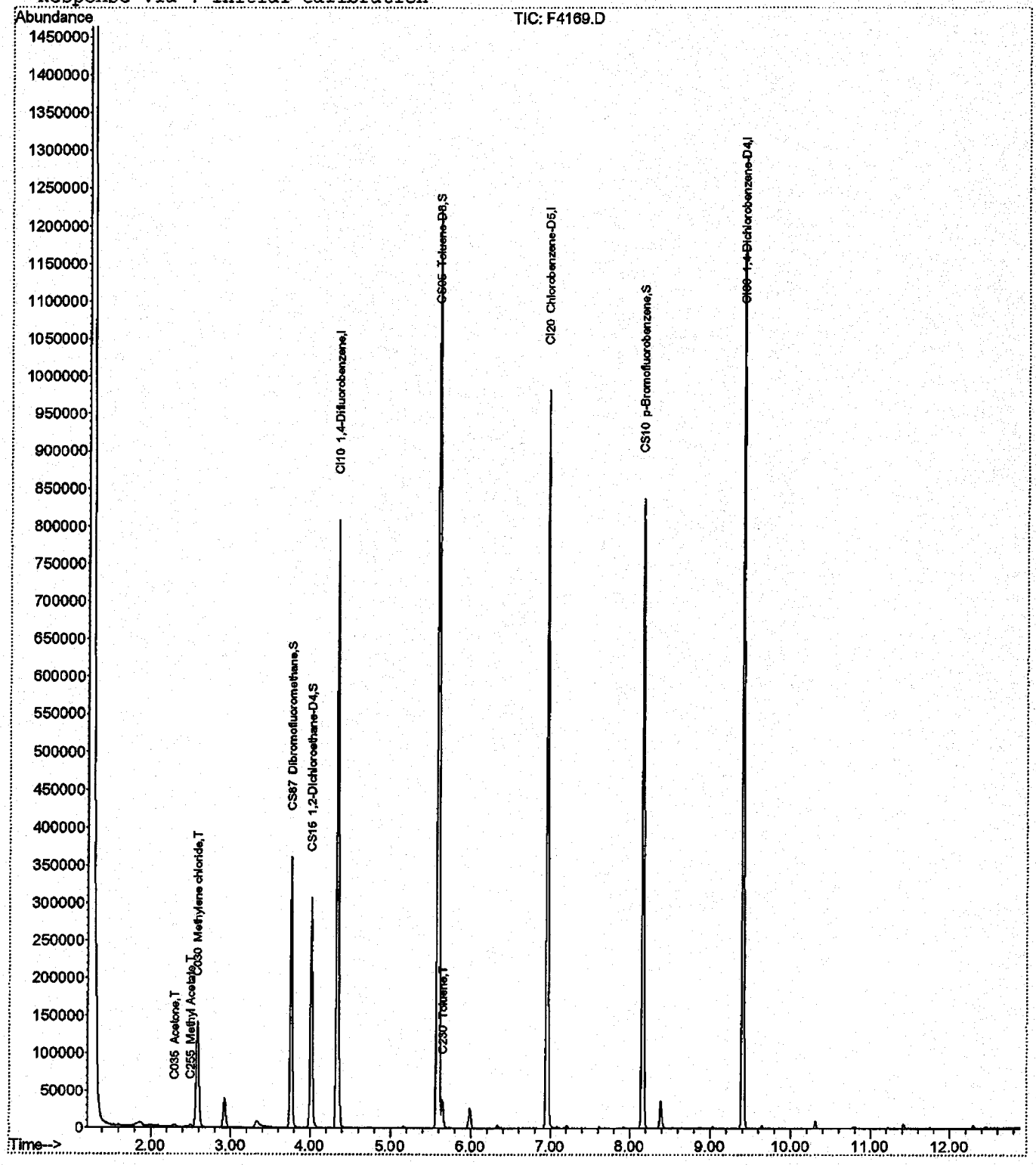
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	2	J
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\082808\F4169.D Vial: 5
Acq On : 28 Aug 2008 12:33 Operator: LH
Sample : VBLK01 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:48 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Aug 28 12:06:03 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4169.D Vial: 5
Acq On : 28 Aug 2008 12:33 Operator: LH
Sample : VBLK01 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:49:39 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Aug 28 12:06:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

STE 8/29/08 MA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	723505	250.00	ng	0.00 93.30%
43) CI20	Chlorobenzene-D5	6.96	82	322317	250.00	ng	0.00 94.69%
63) CI30	1,4-Dichlorobenzene-	9.41	152	362368	250.00	ng	0.00 93.03%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	232460	288.18	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	115.27%		
32) CS15	1,2-Dichloroethane-D	4.02	65	208352	242.75	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	97.10%		
44) CS05	Toluene-D8	5.59	98	867159	288.35	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	115.34%		
62) CS10	p-Bromofluorobenzene	8.16	174	279302	278.50	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	111.40%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	83740	103.23	ng	97
11) C040	Carbon disulfide	2.45	76	3771	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	4613	26.95	ng	96
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	2.50	43	5149	5.71	ng	91
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.65	83	311	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

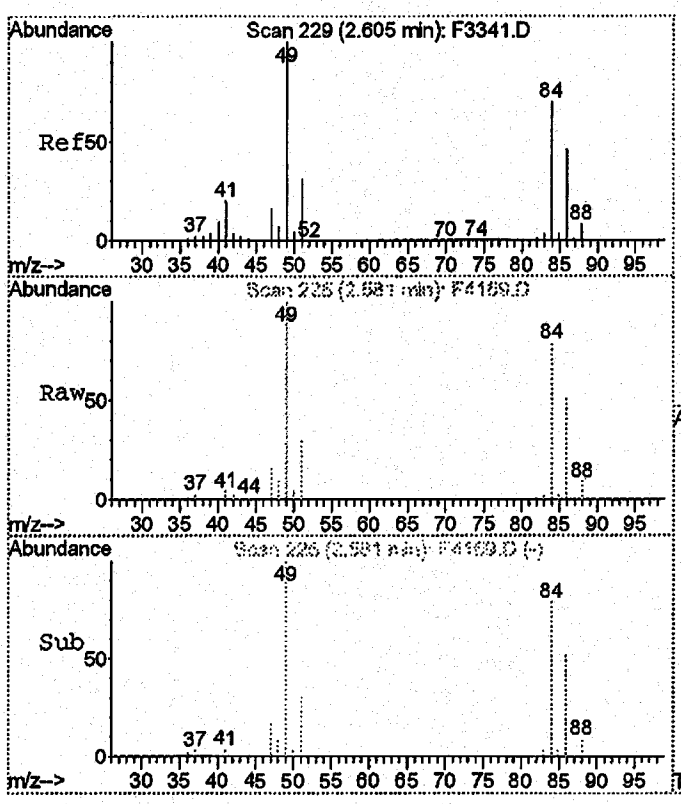
Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4169.D Vial: 5
Acq On : 28 Aug 2008 12:33 Operator: LH
Sample : VBLK01 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:49:39 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Aug 28 12:06:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165 Benzene	4.07	78	1243	N.D.	
34)	C065 1,2-Dichloroethane	4.08	62	1029	N.D.	
35)	C110 2-Butanone	3.44	43	1551	N.D.	
36)	C150 Trichloroethene	0.00	95	0	N.D.	
37)	C161 2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012 Methylcyclohexane	0.00	83	0	N.D.	
39)	C140 1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278 Dibromomethane	0.00	93	0	N.D.	
41)	C130 Bromodichloromethane	0.00	83	0	N.D.	
42)	C145 cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230 Toluene	5.65	92	17336	8.90 ng	97
46)	C170 trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284 Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160 1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210 4-Methyl-2-pentanone	5.59	43	3031	N.D.	
50)	C220 Tetrachloroethene	0.00	166	0	N.D.	
51)	C221 1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155 Dibromochloromethane	0.00	129	0	N.D.	
53)	C163 1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215 2-Hexanone	6.34	43	907	N.D.	
55)	C235 Chlorobenzene	6.98	112	153	N.D.	
56)	C281 1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240 Ethylbenzene	7.09	91	1794	N.D.	
58)	C246 m,p-Xylene	7.21	106	1641	N.D.	
59)	C247 o-Xylene	0.00	106	0	N.D.	
60)	C245 Styrene	7.64	104	1652	N.D.	
61)	C180 Bromoform	0.00	173	0	N.D.	
64)	C966 Isopropylbenzene	0.00	105	0	N.D.	
65)	C301 Bromobenzene	0.00	156	0	N.D.	
66)	C225 1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282 1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283 t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302 n-Propylbenzene	8.44	91	698	N.D.	
70)	C303 O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289 P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304 1,3,5-Trimethylbenze	8.52	105	1371	N.D.	
73)	C306 tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307 1,2,4-Trimethylbenze	9.04	105	2107	N.D.	
75)	C308 sec-Butylbenzene	9.04	105	2107	N.D.	
76)	C260 1,3-Dichlorobenzene	9.43	146	2177	N.D.	
77)	C309 p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267 1,4-Dichlorobenzene	9.43	146	2177	N.D.	
79)	C249 1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310 n-Butylbenzene	9.79	91	156	N.D.	
81)	C286 1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313 1,2,4-Trichlorobenze	11.22	180	487	N.D.	
83)	C316 Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314 Naphthalene	11.41	128	5853	N.D.	
85)	C934 1,2,3-Trichlorobenze	11.61	180	286	N.D.	

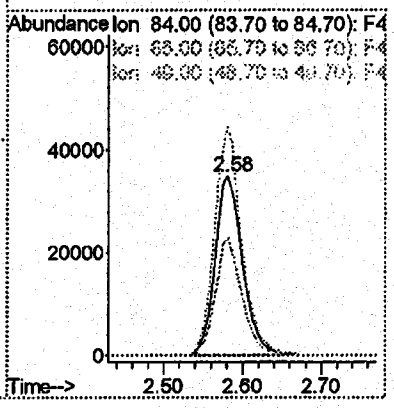
(#) = qualifier out of range (m) = manual integration

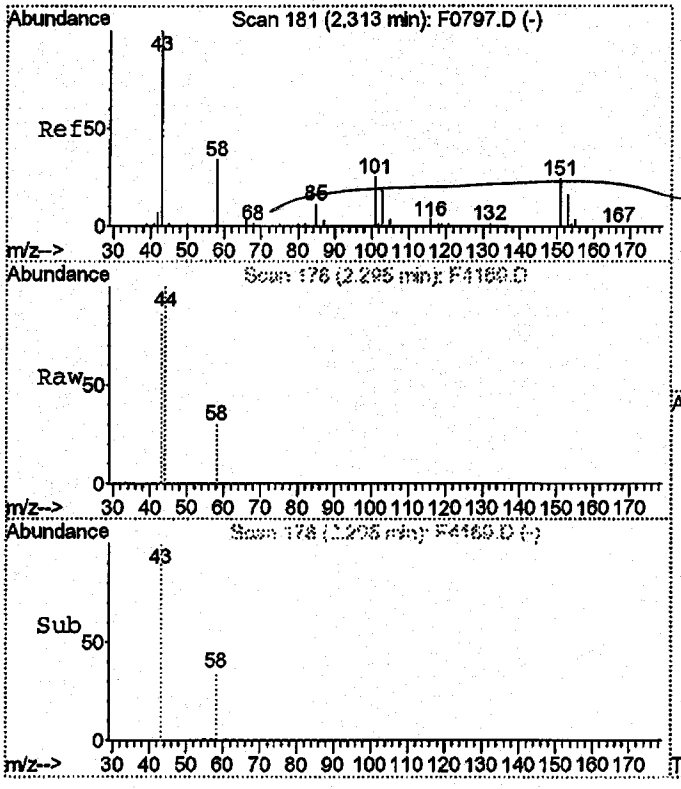


#10
C030 Methylene chloride
Concen: 103.23 ng
RT: 2.58 min Scan# 225
Delta R.T. 0.01 min
Lab File: F4169.D
Acq: 28 Aug 2008 12:33

Tgt Ion: 84 Resp: 83740

Ion	Ratio	Lower	Upper
84	100		
86	66.1	40.0	100.0
49	126.9	95.0	155.0

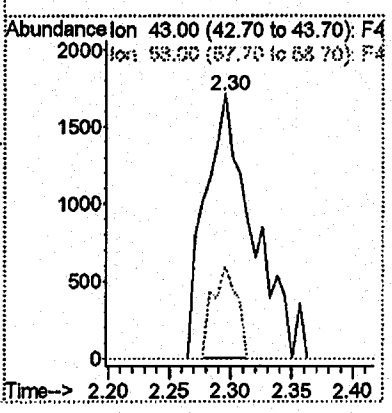


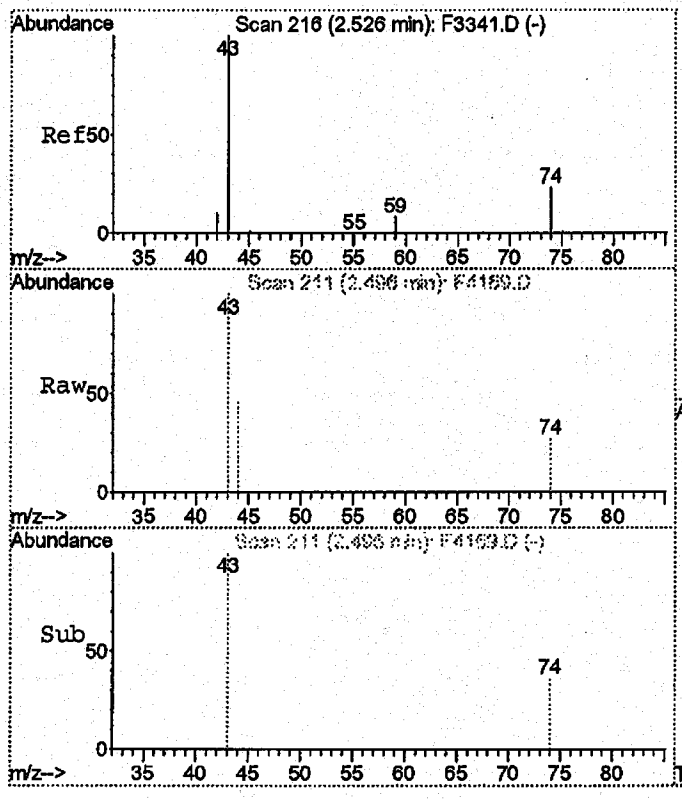


#14
C035 Acetone
Concen: 26.95 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4169.D
Acq: 28 Aug 2008 12:33

Tgt Ion: 43 Resp: 4613

Ion	Ratio	Lower	Upper
43	100		
58	35.1	3.0	63.0

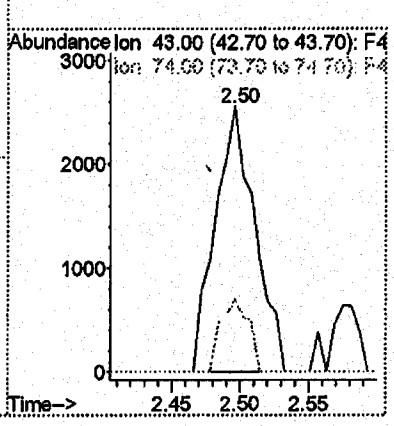


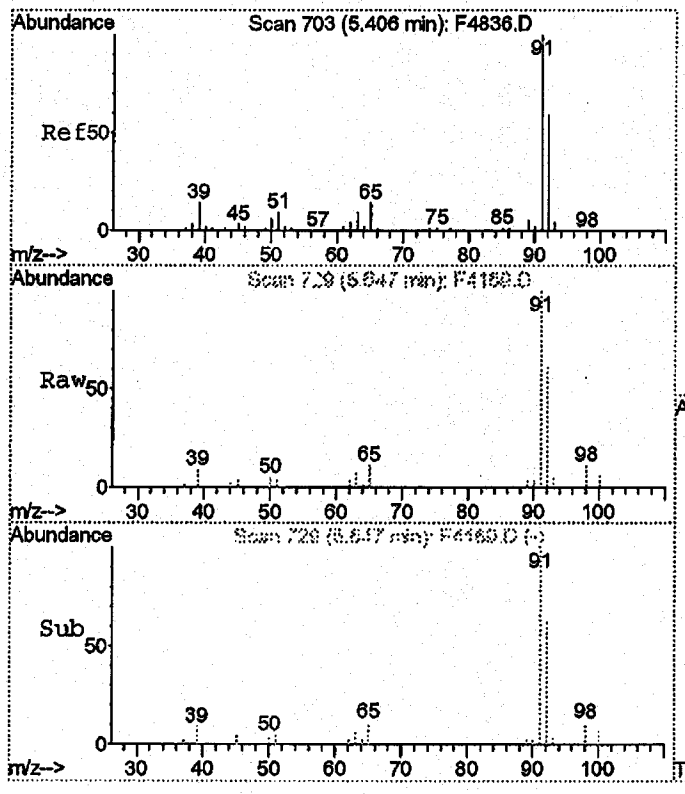


#17
C255 Methyl Acetate
Concen: 5.71 ng
RT: 2.50 min Scan# 211
Delta R.T. 0.01 min
Lab File: F4169.D
Acq: 28 Aug 2008 12:33

Tgt Ion: 43 Resp: 5149

Ion	Ratio	Lower	Upper
43	100		
74	19.3	18.9	28.3

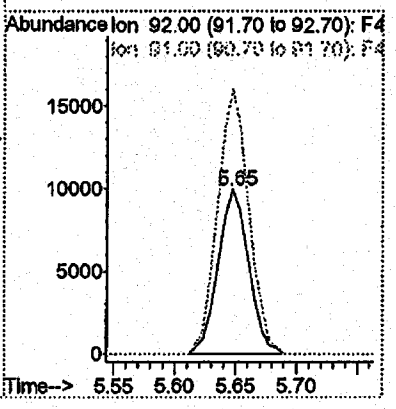




#45
C230 Toluene
Concen: 8.90 ng
RT: 5.65 min Scan# 729
Delta R.T. 0.00 min
Lab File: F4169.D
Acq: 28 Aug 2008 12:33

Tgt Ion: 92 Resp: 17336

Ion	Ratio	Lower	Upper
92	100		
91	161.4	126.9	186.9



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2170302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4238.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	6	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	1	J
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	14	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2170302

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4238.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	2	J
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

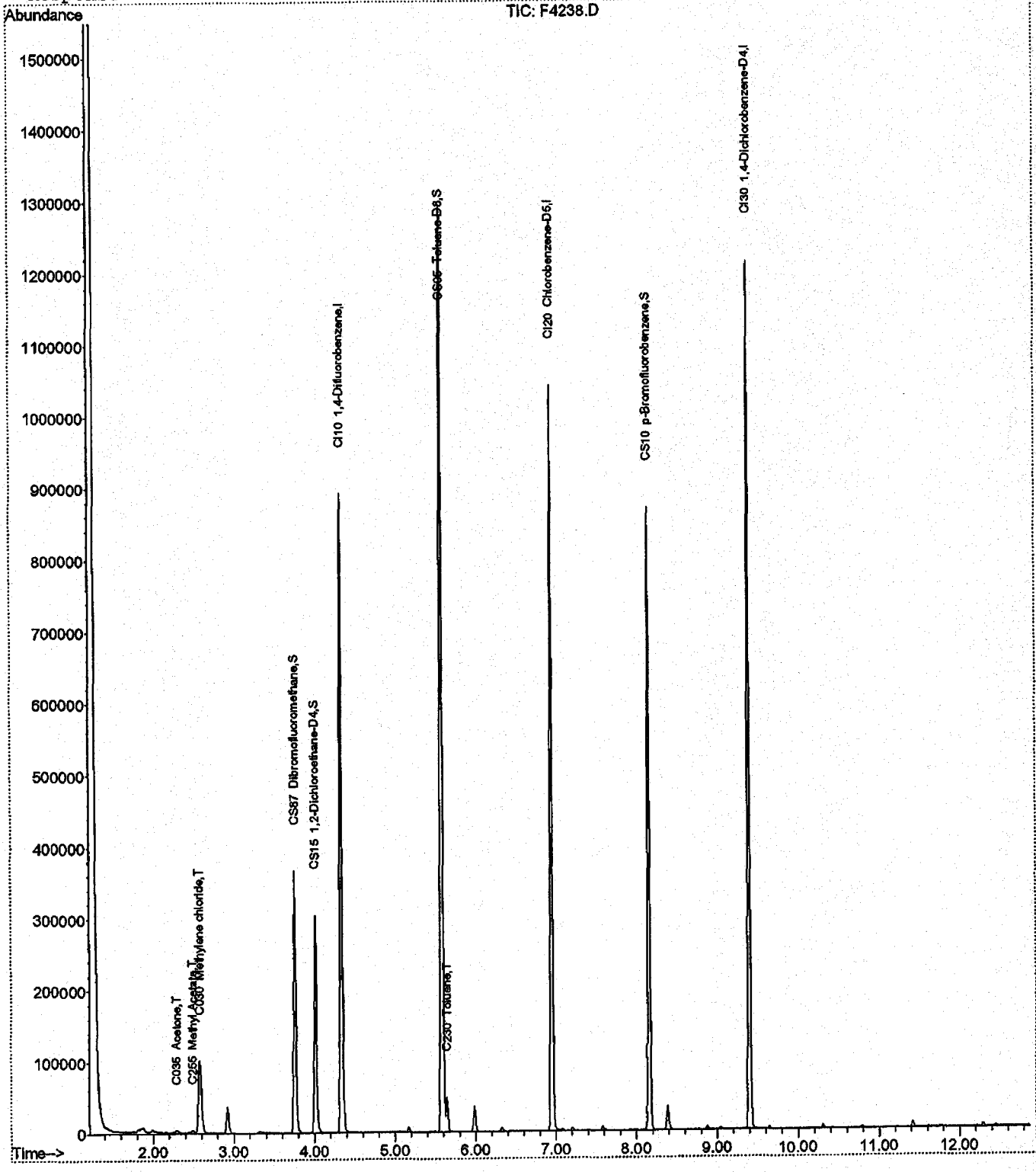
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\090308\F4238.D
Acq On : 3 Sep 2008 11:24
Sample : VBLK08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 11:37 2008

Vial: 4
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 10:52:01 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4238.D
Acq On : 3 Sep 2008 11:24
Sample : VBLK08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 11:37:59 2008

Vial: 4
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 10:52:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090308\F4235.D (3 Sep 2008 10:02)

NO TIC STE 9/3/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	795015	250.00	ng	0.00 97.00%
43) CI20	Chlorobenzene-D5	6.96	82	335429	250.00	ng	0.00 97.06%
63) CI30	1,4-Dichlorobenzene-	9.41	152	370321	250.00	ng	0.00 94.88%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	235810	266.04	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	106.42%		
32) CS15	1,2-Dichloroethane-D	4.02	65	211509	224.26	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	89.70%		
44) CS05	Toluene-D8	5.59	98	898172	286.99	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	114.80%		
62) CS10	p-Bromofluorobenzene	8.16	174	290476	278.32	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	111.33%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030	Methylene chloride	2.58	84	65216	69.67	ng	94
11) C040	Carbon disulfide	2.45	76	3966	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.29	43	5479	29.13	ng	76
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	2.50	43	7077	7.14	ng #	79
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.63	83	365	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

9/3/2008

Quantitation Report

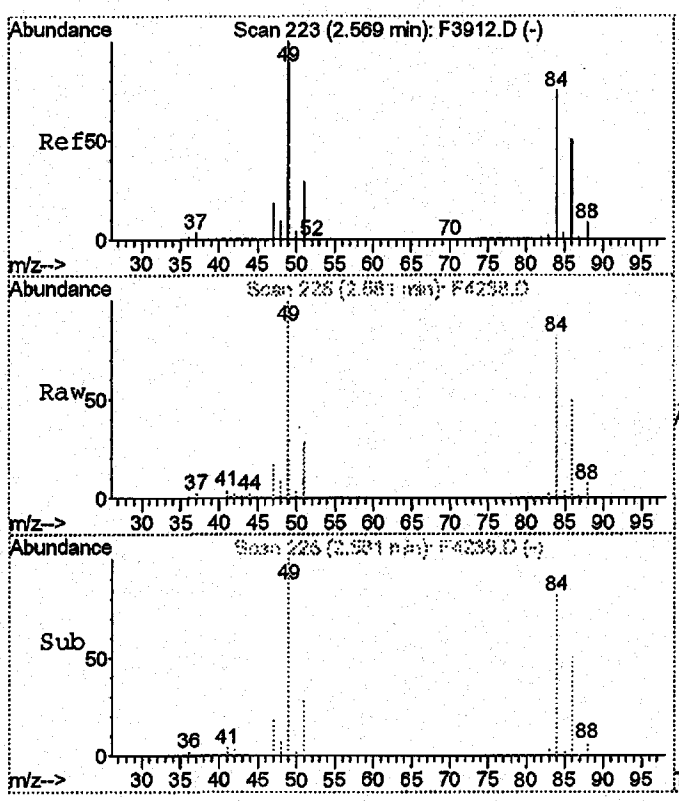
Data File : H:\GCMS_VOA\F\090308\F4238.D
Acq On : 3 Sep 2008 11:24
Sample : VBLK08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 11:37:59 2008

Vial: 4
Operator: LH
Inst : HP5973F
Multiplr: 1.00
Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 10:52:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	1585	N.D.	
34)	C065	1,2-Dichloroethane	4.08	62	1353	N.D.	
35)	C110	2-Butanone	3.44	43	1725	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	21739	10.73 ng	89
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	3155	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	6.33	43	1650	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.08	91	2155	N.D.	
58)	C246	m,p-Xylene	7.21	106	1806	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	7.62	104	1490	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.44	91	848	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.53	105	990	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	2406	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	2406	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	3613	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	3613	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	9.79	91	169	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	11.22	180	306	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.41	128	7474	N.D.	
85)	C934	1,2,3-Trichlorobenze	11.61	180	193	N.D.	

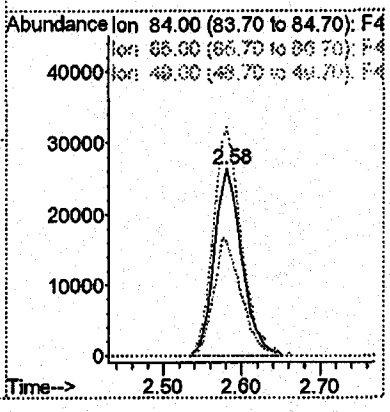
(#) = qualifier out of range (m) = manual integration

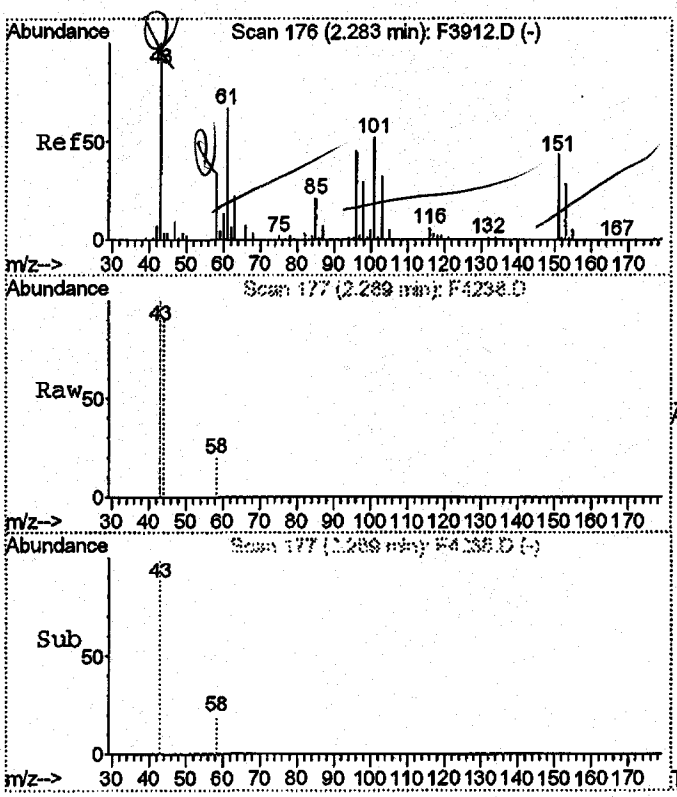


#10
C030 Methylene chloride
Concen: 69.67 ng
RT: 2.58 min Scan# 225
Delta R.T. 0.01 min
Lab File: F4238.D
Acq: 3 Sep 2008 11:24

Tgt Ion: 84 Resp: 65216

Ion	Ratio	Lower	Upper
84	100		
86	60.7	40.0	100.0
49	121.9	95.0	155.0

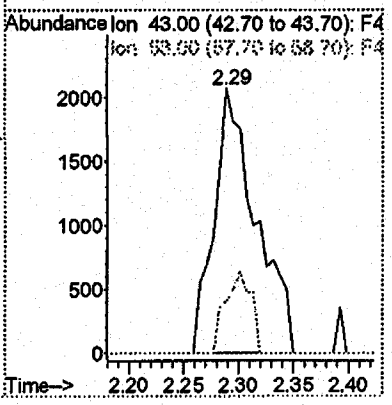


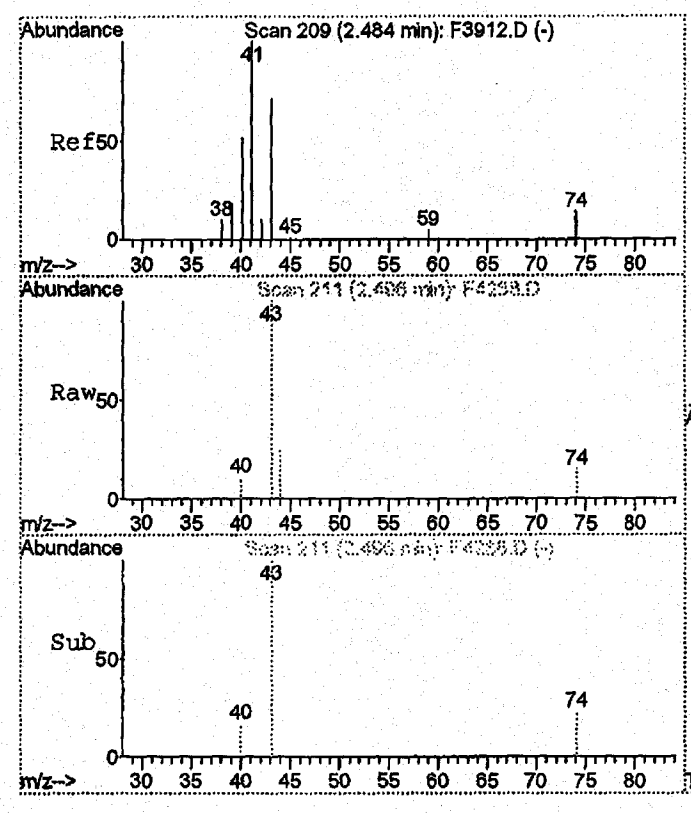


#14
C035 Acetone
Concen: 29.13 ng
RT: 2.29 min Scan# 177
Delta R.T. -0.00 min
Lab File: F4238.D
Acq: 3 Sep 2008 11:24

Tgt Ion: 43 Resp: 5479

Ion	Ratio	Lower	Upper
43	100		
58	19.7	3.0	63.0

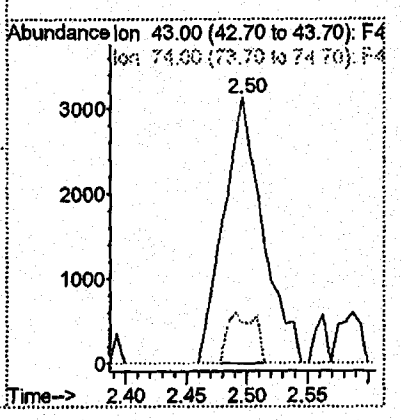


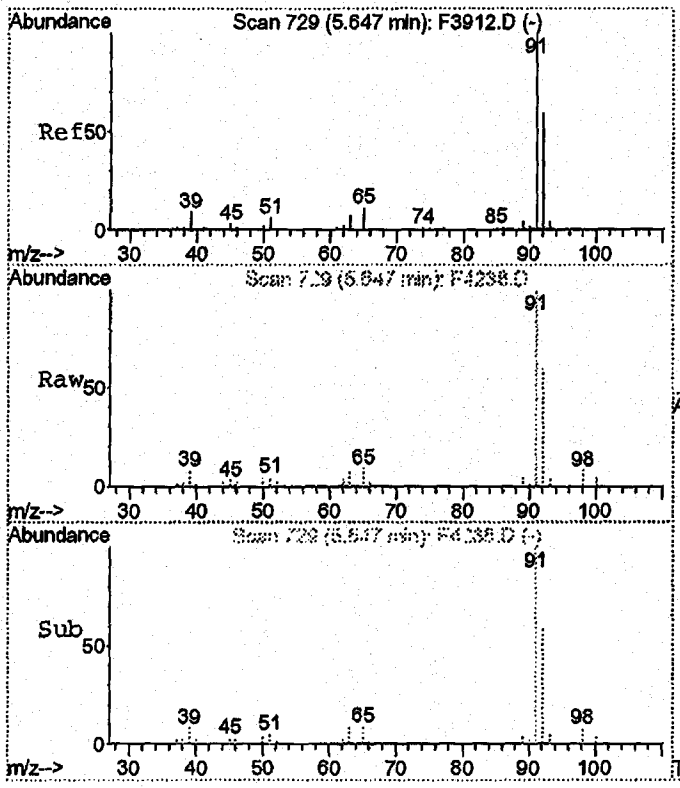


#17
C255 Methyl Acetate
Concen: 7.14 ng
RT: 2.50 min Scan# 211
Delta R.T. 0.01 min
Lab File: F4238.D
Acq: 3 Sep 2008 11:24

Tgt Ion: 43 Resp: 7077

Ion	Ratio	Lower	Upper
43	100		
74	13.3	18.9	28.3#

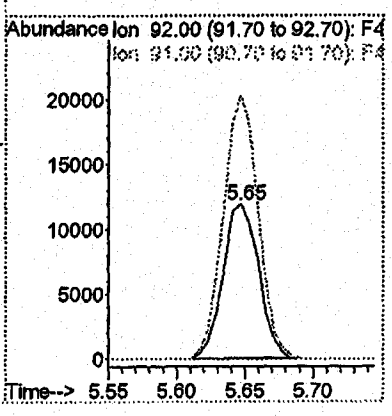




#45
C230 Toluene
Concen: 10.73 ng
RT: 5.65 min Scan# 729
Delta R.T. -0.00 min
Lab File: F4238.D
Acq: 3 Sep 2008 11:24

Tgt Ion: 92 Resp: 21739

Ion	Ratio	Lower	Upper
92	100		
91	170.9	126.9	186.9



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2171902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0710.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2171902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0710.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

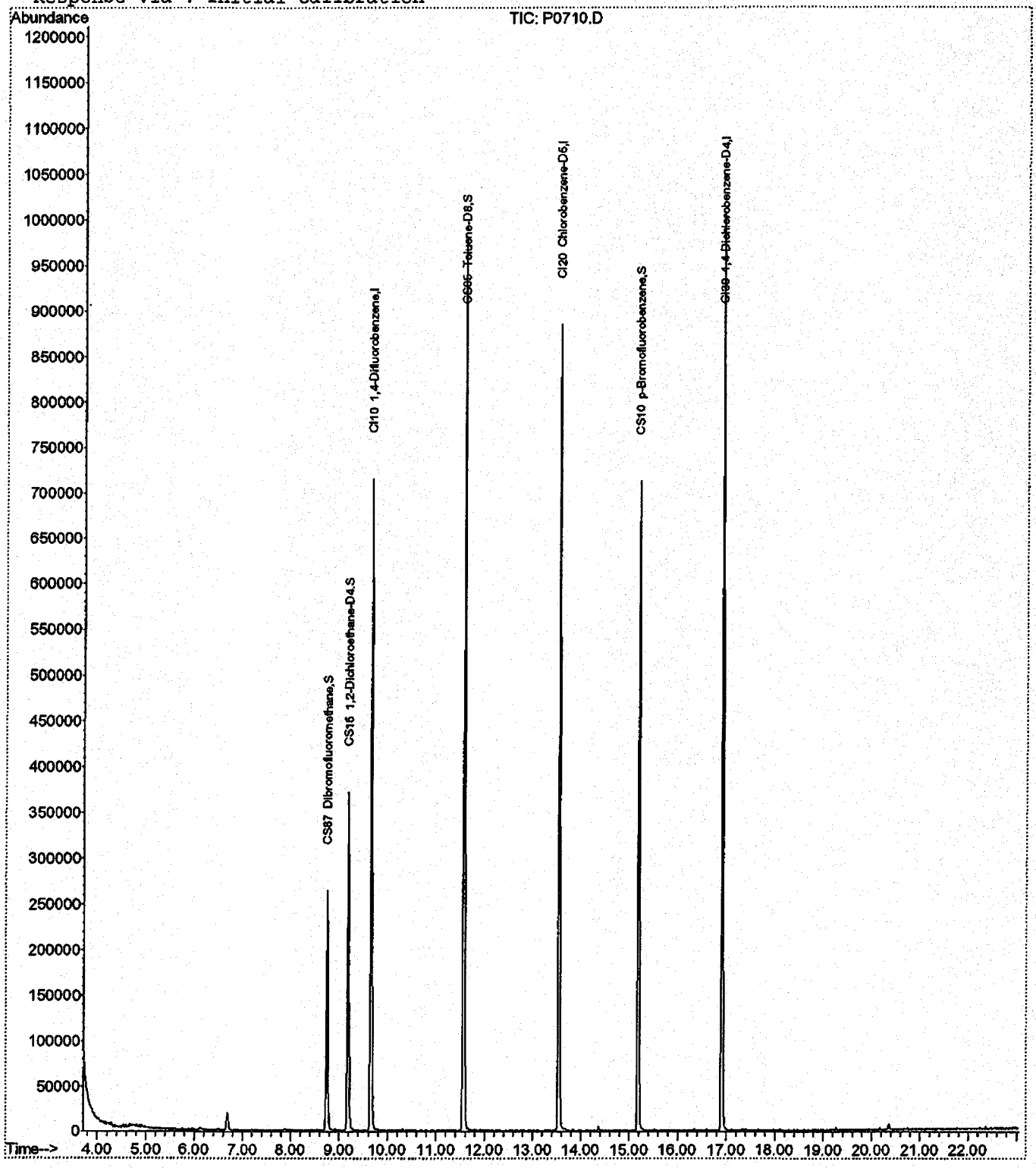
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\090308\P0710.D Vial: 4
Acq On : 3 Sep 2008 11:32 Operator: LH
Sample : VBLK49 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 11:56 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0710.D Vial: 4
Acq On : 3 Sep 2008 11:32 Operator: LH
Sample : VBLK49 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 11:57:42 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090308\P0707.D (3 Sep 2008 10:00)

		Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	9.66	114	557583	125.00	ng	0.00 89.79%
43)	CI20	Chlorobenzene-D5	13.54	117	507538	125.00	ng	0.00 89.21%
62)	CI30	1,4-Dichlorobenzene-	16.91	152	287817	125.00	ng	0.00 89.27%

		System Monitoring Compounds						
30)	CS87	Dibromofluoromethane	8.74	111	191730	127.45	ng	0.00
		Spiked Amount 125.000	Range 70 - 130		Recovery = 101.96%			
31)	CS15	1,2-Dichloroethane-D	9.18	65	308631	129.26	ng	0.00
		Spiked Amount 125.000	Range 66 - 137		Recovery = 103.41%			
44)	CS05	Toluene-D8	11.57	98	675590	121.90	ng	0.00
		Spiked Amount 125.000	Range 71 - 126		Recovery = 97.52%			
61)	CS10	p-Bromofluorobenzene	15.19	174	207181	125.10	ng	0.00
		Spiked Amount 125.000	Range 73 - 120		Recovery = 100.08%			

		Target Compounds					Qvalue
2)	C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3)	C010	Chloromethane	4.14	50	243	N.D.	
4)	C020	Vinyl chloride	0.00	62	0	N.D.	
5)	C015	Bromomethane	0.00	94	0	N.D.	
6)	C025	Chloroethane	0.00	64	0	N.D.	
7)	C275	Trichlorofluorometha	0.00	101	0	N.D.	
8)	C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9)	C030	Methylene chloride	6.69	84	8201	Below Cal #	49
10)	C040	Carbon disulfide	6.47	76	725	N.D.	
11)	C036	Acrolein	5.97	56	256	N.D.	
12)	C038	Acrylonitrile	0.00	53	0	N.D.	
13)	C035	Acetone	6.12	43	5995	N.D.	
14)	C300	Acetonitrile	6.49	41	128	N.D.	
15)	C276	Iodomethane	0.00	142	0	N.D.	
16)	C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17)	C962	T-butyl Methyl Ether	0.00	73	0	N.D.	
18)	C057	trans-1,2-Dichloroet	0.00	96	0	N.D.	
19)	C255	Methyl Acetate	6.51	43	1099	N.D.	
20)	C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21)	C125	Vinyl Acetate	0.00	43	0	N.D.	
22)	C051	2,2-Dichloropropane	0.00	77	0	N.D.	
23)	C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
24)	C272	Tetrahydrofuran	8.55	42	110	N.D.	
25)	C222	Bromochloromethane	0.00	128	0	N.D.	
26)	C060	Chloroform	8.55	83	228	N.D.	
27)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
28)	C120	Carbon tetrachloride	0.00	117	0	N.D.	
29)	C116	1,1-Dichloropropene	0.00	75	0	N.D.	
32)	C165	Benzene	9.28	78	447	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0710.D Vial: 4
Acq On : 3 Sep 2008 11:32 Operator: LH
Sample : VBLK49 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 11:57:42 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	8.17	43	156	N.D.	
35)	C256	Cyclohexane	8.93	56	1001	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	10.33	83	251	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	152	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.69	91	1907	N.D.	
58)	C246	m,p-Xylene	13.84	106	265	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	14.92	105	515	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	15.53	91	1059	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.34	105	1577	N.D.	
75)	C308	sec-Butylbenzene	16.59	105	1103	N.D.	
76)	C260	1,3-Dichlorobenzene	16.82	146	380	N.D.	
77)	C309	4-Isopropyltoluene	16.78	119	792	N.D.	
78)	C267	1,4-Dichlorobenzene	16.94	146	621	N.D.	
79)	C249	1,2-Dichlorobenzene	17.53	146	112	N.D.	
80)	C310	n-Butylbenzene	17.41	91	1053	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	19.96	180	706	N.D.	
83)	C316	Hexachlorobutadiene	20.18	225	781	N.D.	
84)	C314	Naphthalene	20.36	128	6782	N.D.	
85)	C934	1,2,3-Trichlorobenze	20.74	180	438	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2178004

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4255.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	6	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	14	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2178004

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4255.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

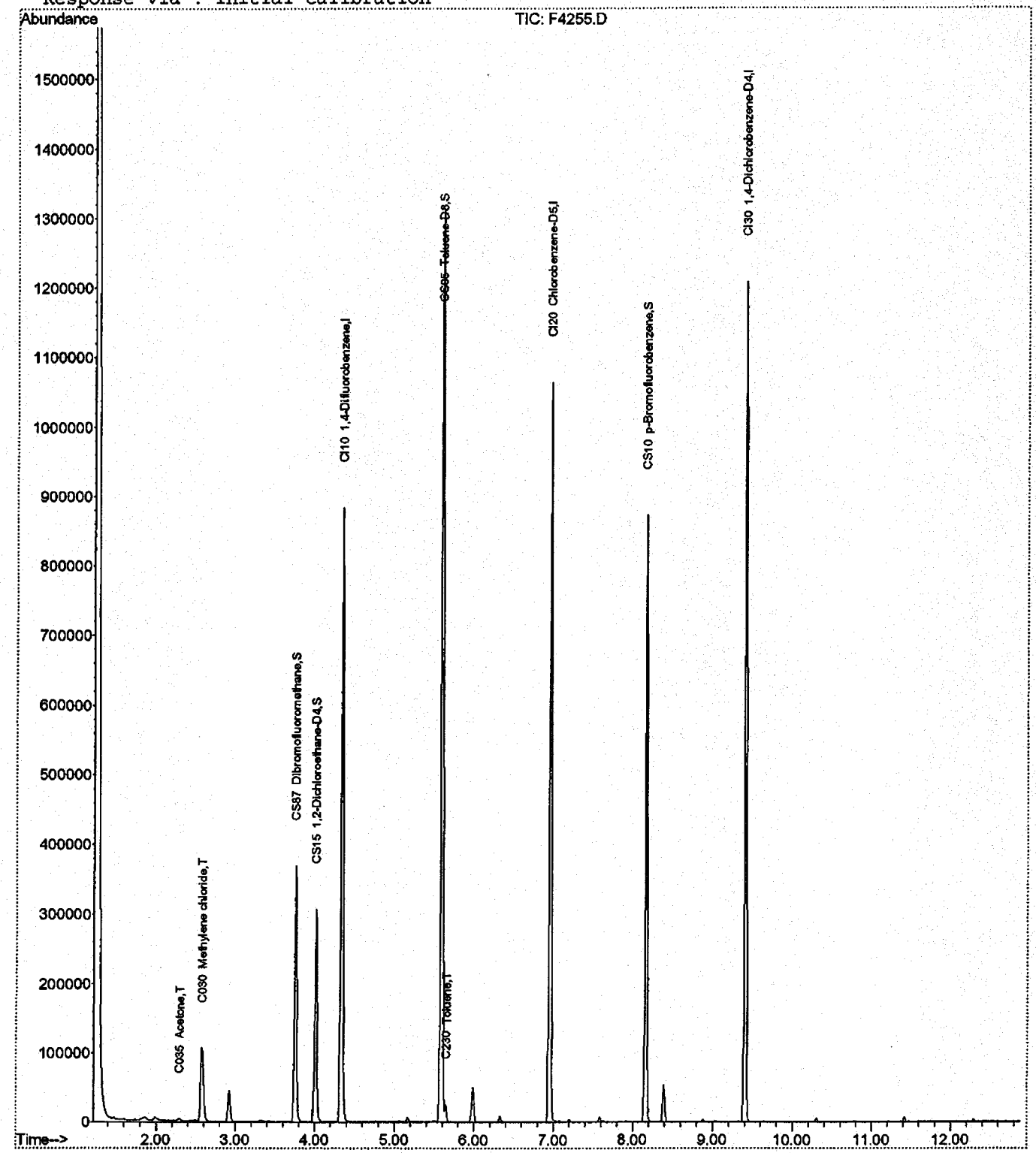
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	1	J
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\090408\F4255.D Vial: 4
Acq On : 4 Sep 2008 12:05 Operator: LH
Sample : VBLK10 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 12:48 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 11:17:49 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4255.D Vial: 4
Acq On : 4 Sep 2008 12:05 Operator: LH
Sample : VBLK10 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 12:50:00 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 11:17:49 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090408\F4252.D (4 Sep 2008 10:48)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	804348	250.00	ng	0.00 98.02%
43) CI20 Chlorobenzene-D5	6.96	82	342101	250.00	ng	0.00 97.82%
63) CI30 1,4-Dichlorobenzene-	9.41	152	375434	250.00	ng	0.00 96.97%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	238421	265.86	ng	0.00
Spiked Amount 250.000 Range 70 - 130 Recovery = 106.34%						
32) CS15 1,2-Dichloroethane-D	4.01	65	207242	217.19	ng	0.00
Spiked Amount 250.000 Range 64 - 126 Recovery = 86.88%						
44) CS05 Toluene-D8	5.59	98	917690	287.51	ng	0.00
Spiked Amount 250.000 Range 71 - 125 Recovery = 115.00%						
62) CS10 p-Bromofluorobenzene	8.16	174	291386	273.75	ng	0.00
Spiked Amount 250.000 Range 72 - 126 Recovery = 109.50%						
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.58	84	66961	70.88	ng	95
11) C040 Carbon disulfide	2.44	76	3055	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	5554	29.18	ng	98
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	2.49	43	3986	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.65	83	648	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

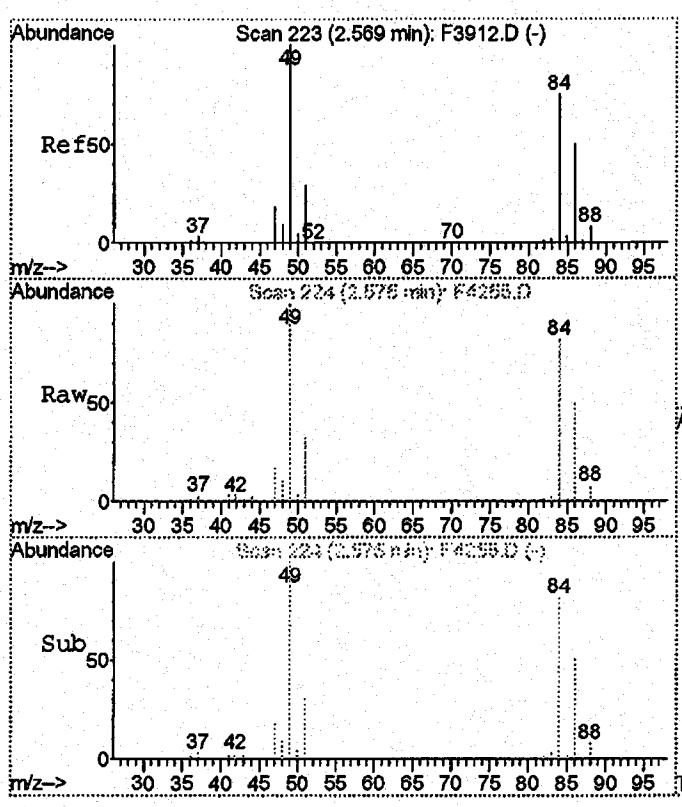
Data File : H:\GCMS_VOA\F\090408\F4255.D Vial: 4
Acq On : 4 Sep 2008 12:05 Operator: LH
Sample : VBLK10 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 12:50:00 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 11:17:49 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	1848	N.D.	
34)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
35)	C110	2-Butanone	3.45	43	1361	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	11417	5.52 ng	90
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.58	43	3063	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	6.33	43	2271	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	1830	N.D.	
58)	C246	m,p-Xylene	7.21	106	1438	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	7.62	104	1168	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.44	91	509	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.54	105	674	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1792	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1792	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	2771	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	2771	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	9.79	91	145	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	11.22	180	318	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.41	128	6275	N.D.	
85)	C934	1,2,3-Trichlorobenze	11.61	180	165	N.D.	

(#) = qualifier out of range (m) = manual integration

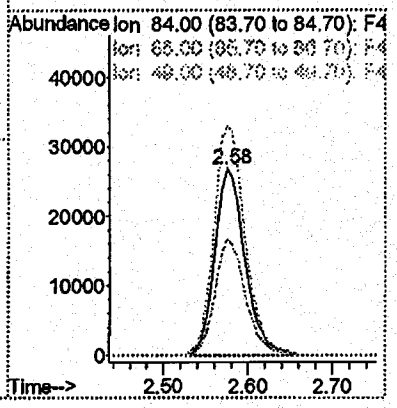
9/23/08

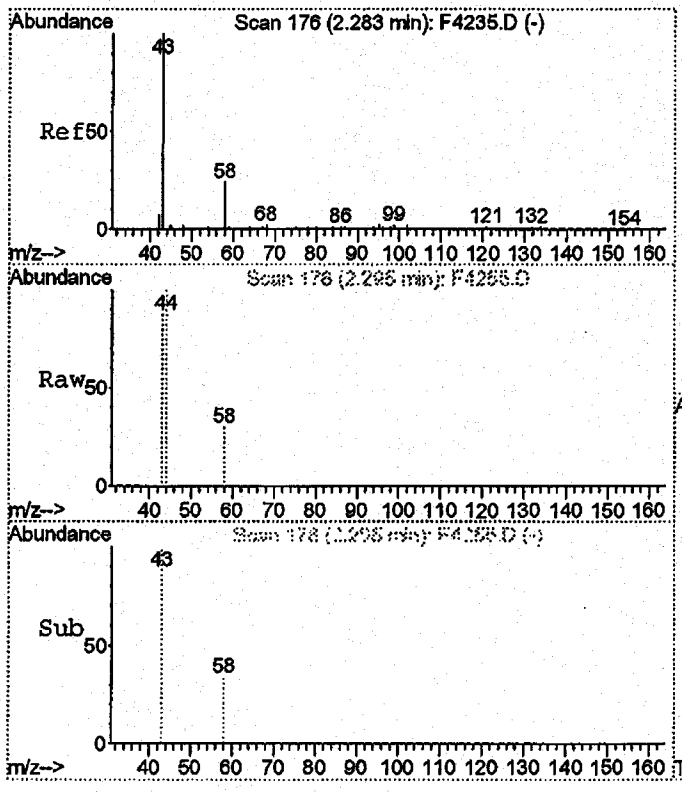


#10
C030 Methylene chloride
Concen: 70.88 ng
RT: 2.58 min Scan# 224
Delta R.T. -0.00 min
Lab File: F4255.D
Acq: 4 Sep 2008 12:05

Tgt Ion: 84 Resp: 66961

Ion	Ratio	Lower	Upper
84	100		
86	62.6	40.0	100.0
49	122.0	95.0	155.0

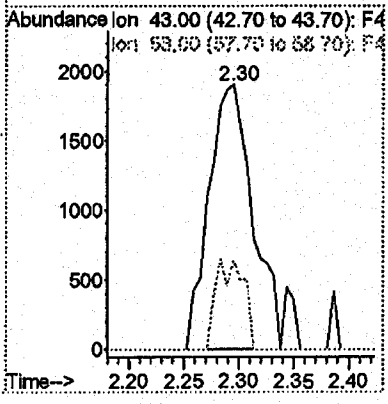


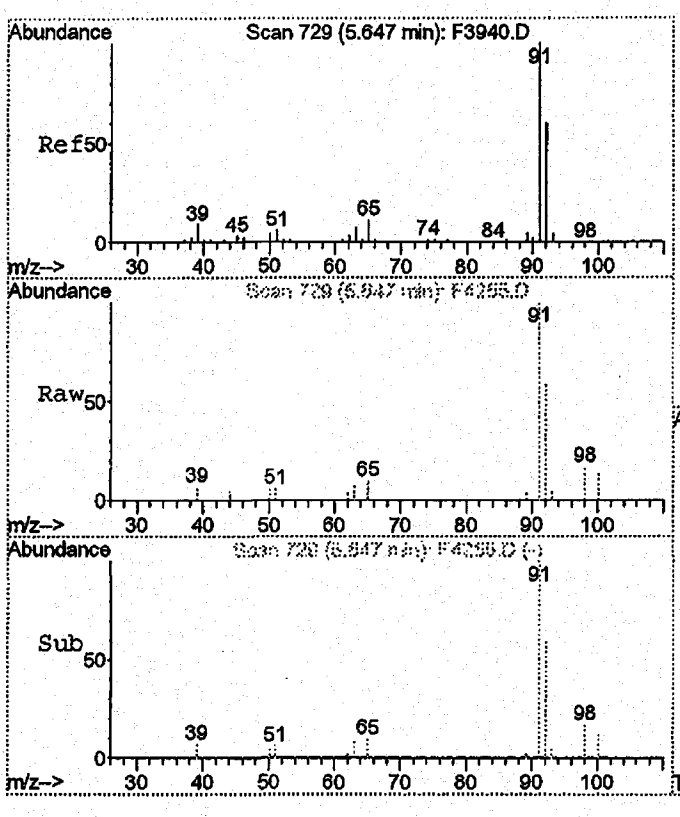


#14
C035 Acetone
Concen: 29.18 ng
RT: 2.30 min Scan# 178
Delta R.T. 0.01 min
Lab File: F4255.D
Acq: 4 Sep 2008 12:05

Tgt Ion: 43 Resp: 5554

Ion	Ratio	Lower	Upper
43	100		
58	34.0	3.0	63.0

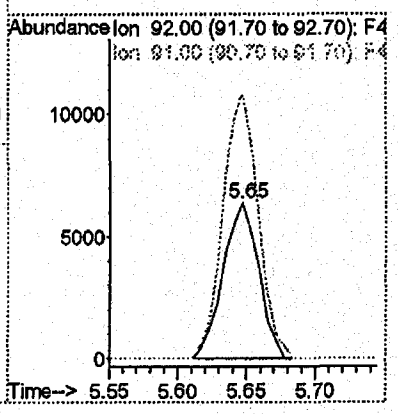




#45
C230 Toluene
Concen: 5.52 ng
RT: 5.65 min Scan# 729
Delta R.T. -0.00 min
Lab File: F4255.D
Acq: 4 Sep 2008 12:05

Tgt Ion: 92 Resp: 11417

Ion	Ratio	Lower	Upper
92	100		
91	169.4	126.9	186.9



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2190402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9959.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2190402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9959.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

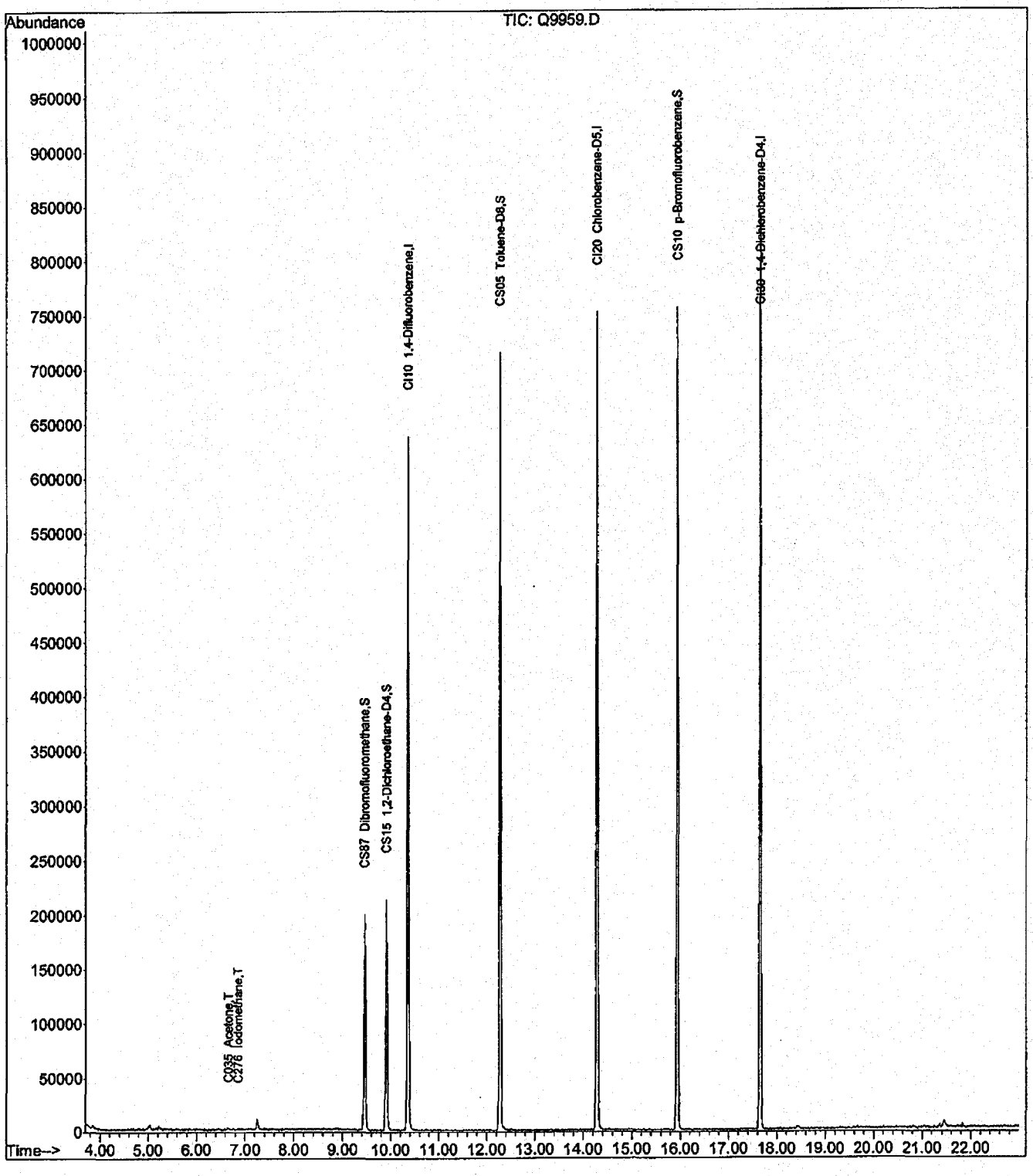
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9959.D
Acq On : 6 Sep 2008 15:18
Sample : VBLK64
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: ND
Inst : HP5973 Q
Multiplr: 1.00

Quant Time: Sep 06 15:43:16 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 15:04:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9959.D Vial: 5
Acq On : 6 Sep 2008 15:18 Operator: ND
Sample : VBLK64 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 15:43:16 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 15:04:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

SME NJA 9/6/08 NO ADD NO TIC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.36	114	592717	125.00	ng	0.00 89.33%
43) CI20	Chlorobenzene-D5	14.28	117	526531	125.00	ng	0.00 86.09%
62) CI30	1,4-Dichlorobenzene-	17.65	152	287969	125.00	ng	0.00 76.28%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	9.46	111	144243	104.69	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 83.75%			
31) CS15	1,2-Dichloroethane-D	9.91	65	169067	92.68	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 74.14%			
44) CS05	Toluene-D8	12.27	98	547559	96.95	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 77.56%			
61) CS10	p-Bromofluorobenzene	15.93	174	281700	141.76	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 113.41%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	4.35	50	606	Below Cal	#	47
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	5.22	94	905	Below Cal	#	68
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	7.25	84	3404	Below Cal	#	73
10) C040	Carbon disulfide	6.95	76	218	N.D.		
11) C036	Acrolein	6.46	56	132	N.D.		
12) C038	Acrylonitrile	7.57	53	140	N.D.		
13) C035	Acetone	~~6.67~~	~~43~~	~~2144~~	~~3.30 ng~~	#	49
14) C300	Acetonitrile	7.07	41	181	N.D.		
15) C276	Iodomethane	~~6.06~~	~~142~~	~~1457~~	~~21.96 ng~~	#	68
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	7.05	43	138	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	8.11	43	164	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	0.00	78	0	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	8.84	43	548	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	10.75	95	438	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

9/23/2008

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9959.D Vial: 5
Acq On : 6 Sep 2008 15:18 Operator: ND
Sample : VBLK64 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 15:43:16 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 15:04:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcycolhexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	12.36	92	661	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	12.19	43	145	N.D.	
50) C220	Tetrachloroethene	13.11	166	130	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	14.32	112	294	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	14.40	91	329	N.D.	
58) C246	m,p-Xylene	14.54	106	249	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	16.22	91	228	Below Cal	58
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	17.26	105	159	N.D.	
76) C260	1,3-Dichlorobenzen	17.56	146	187	N.D.	
77) C309	4-Isopropyltoluene	17.46	119	260	N.D.	
78) C267	1,4-Dichlorobenzen	17.69	146	1469	N.D.	
79) C249	1,2-Dichlorobenzen	18.27	146	167	N.D.	
80) C310	n-Butylbenzene	18.07	91	307	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	20.85	180	178	N.D.	
83) C316	Hexachlorobutadien	21.02	225	311	N.D.	
84) C314	Naphthalene	21.36	128	2222	N.D.	
85) C934	1,2,3-Trichloroben	21.83	180	969	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2194002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7561.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2194002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7561.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

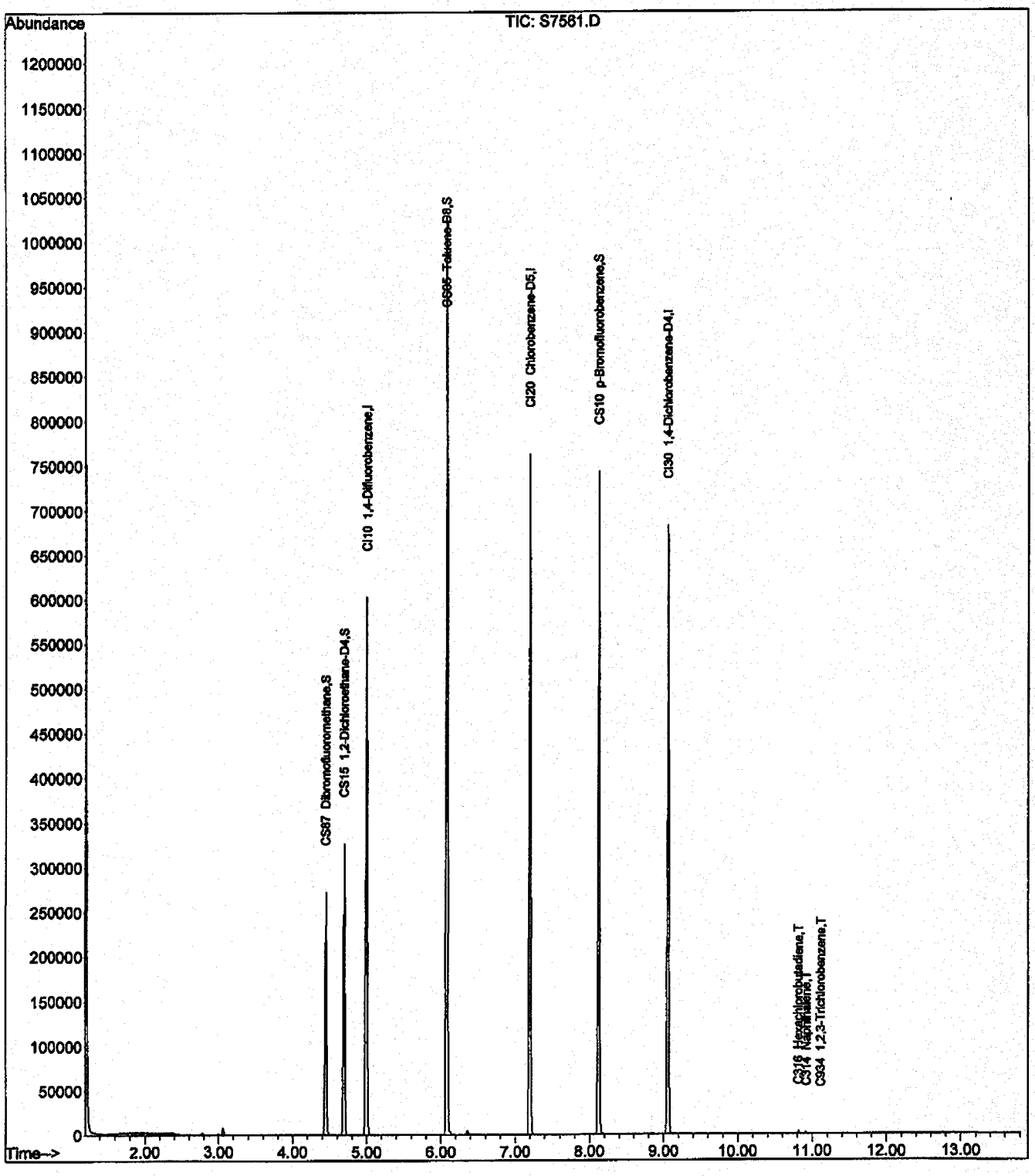
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7561.D Vial: 4
Acq On : 7 Sep 2008 10:40 Operator: ND
Sample : VBLK26 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 07 11:01:28 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 11:01:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7561.D Vial: 4
Acq On : 7 Sep 2008 10:40 Operator: ND
Sample : VBLK26 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:01:28 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 11:01:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

SAE 9/7/08 NDXOD NOTIC

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.00	114	326558	125.00	ng	0.00 93.53%
43) CI20 Chlorobenzene-D5	7.19	82	185285	125.00	ng	0.00 88.37%
63) CI30 1,4-Dichlorobenzene-	9.06	152	132590	125.00	ng	0.00 84.35%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	130673	130.74	NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 104.59%			
31) CS15 1,2-Dichloroethane-D	4.69	65	178629	138.30	ng	0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 110.64%			
44) CS05 Toluene-D8	6.08	98	526933	121.31	ng	0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 97.05%			
62) CS10 p-Bromofluorobenzene	8.12	174	129045	120.58	ng	0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 96.46%			

Target Compounds					Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.	
3) C010 Chloromethane	0.00	50	0	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	0.00	94	0	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluoromet	0.00	101	0	N.D.	
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030 Methylene chloride	3.06	84	2841	Below Cal	82
10) C040 Carbon disulfide	2.78	76	2197	N.D.	
11) C036 Acrolein	0.00	56	0	N.D.	
12) C038 Acrylonitrile	0.00	53	0	N.D.	
13) C035 Acetone	2.75	43	176	N.D.	
14) C300 Acetonitrile	2.99	41	446	Below Cal #	1
15) C276 Iodomethane	0.00	142	0	N.D.	
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255 Methyl Acetate	0.00	43	0	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	0.00	43	0	N.D.	
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroet	4.07	96	134	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
27) C060 Chloroform	0.00	83	0	N.D.	
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120 Carbon tetrachlori	0.00	117	0	N.D.	
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165 Benzene	4.70	78	139	N.D.	
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110 2-Butanone	0.00	43	0	N.D.	
35) C256 Cyclohexane	0.00	56	0	N.D.	
36) C150 Trichloroethene	0.00	95	0	N.D.	
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278 Dibromomethane	0.00	93	0	N.D.	

9/23/08

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7561.D Vial: 4
Acq On : 7 Sep 2008 10:40 Operator: ND
Sample : VBLK26 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:01:28 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 11:01:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.13	92	914	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	2427	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.22	112	1102	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	563	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	8.30	91	140	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	9.08	146	387	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzene	9.08	146	387	Below Cal	# 74
79) C249	1,2-Dichlorobenzen	9.39	146	165	N.D.	
80) C310	n-Butylbenzene	9.33	91	501	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	10.71	180	278	N.D.	
83) C316	Hexachlorobutadiene	~~10.82~~	~~225~~	~~1211~~	~~5.73 ng~~	# 44
84) C314	Naphthalene	~~10.92~~	~~128~~	~~1967~~	~~14.03 ng~~	77
85) C934	1,2,3-Trichlorobenze	~~11.11~~	~~180~~	~~141~~	~~5.83 ng~~	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2199002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0847.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2199002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0847.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

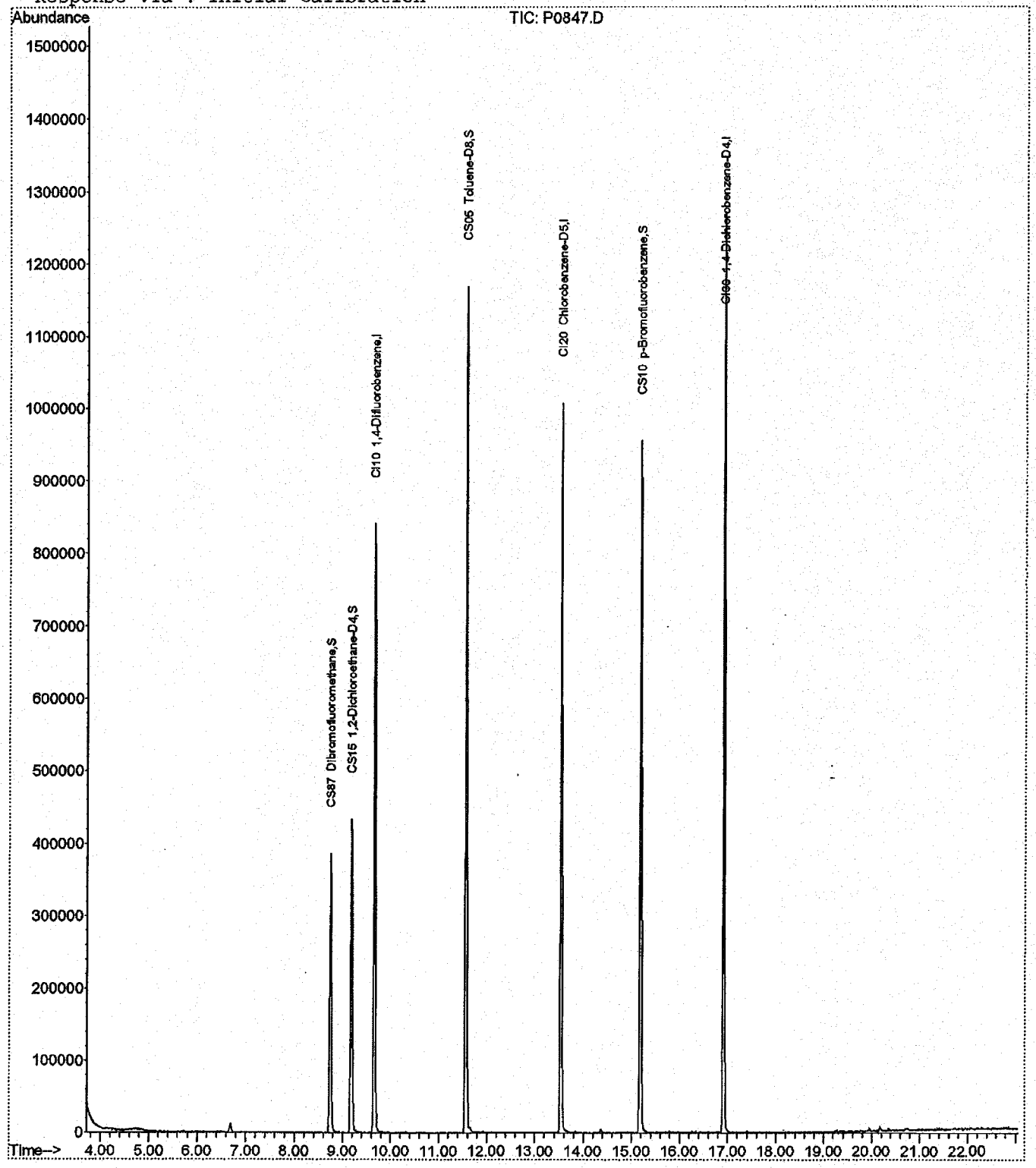
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0847.D Vial: 5
Acq On : 8 Sep 2008 19:26 Operator: CDC
Sample : VBLK56 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:49 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:49:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0847.D Vial: 5
Acq On : 8 Sep 2008 19:26 Operator: CDC
Sample : VBLK56 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 19:50:04 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:49:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0843.D (8 Sep 2008 17:24)

NO ADD NOTICE
9/8/08 cm

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	757122	125.00 ng	0.00 92.35%
43) CI20	Chlorobenzene-D5	13.54	117	637356	125.00 ng	0.00 90.53%
62) CI30	1,4-Dichlorobenzene-	16.91	152	407870	125.00 ng	0.00 91.75%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	8.75	111	291817	124.15 ng	0.01
Spiked Amount	125.000	Range 70 - 130		Recovery =	99.32%	
31) CS15	1,2-Dichloroethane-D	9.18	65	434169	113.33 ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	90.66%	
44) CS05	Toluene-D8	11.57	98	917776	129.02 ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	103.22%	
61) CS10	p-Bromofluorobenzene	15.19	174	302131	117.33 ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	93.86%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	4.13	50	115	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluorometha	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	6.69	84	8097	Below Cal #	80
10) C040	Carbon disulfide	6.49	76	443	N.D.	
11) C036	Acrolein	5.98	56	660	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	6.13	43	1097	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	8.54	83	125	N.D.	
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
28) C120	Carbon tetrachloride	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.	
32) C165	Benzene	9.29	78	226	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0847.D Vial: 5
Acq On : 8 Sep 2008 19:26 Operator: CDC
Sample : VBLK56 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 19:50:04 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:49:40 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	149	N.D.	
34)	C110	2-Butanone	0.00	43	0	N.D.	
35)	C256	Cyclohexane	8.93	56	639	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcyclohexane	10.32	83	903	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	2466	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	12.41	166	143	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	13.59	112	311	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.69	91	1644	N.D.	
58)	C246	m,p-Xylene	13.84	106	781	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	14.44	104	155	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	14.92	105	1182	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	15.53	91	2309	N.D.	
70)	C303	2-Chlorotoluene	15.72	126	254	N.D.	
71)	C289	4-Chlorotoluene	15.87	126	297	N.D.	
72)	C304	1,3,5-Trimethylbenze	15.76	105	774	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.34	105	1338	N.D.	
75)	C308	sec-Butylbenzene	16.59	105	2108	N.D.	
76)	C260	1,3-Dichlorobenzene	16.81	146	814	N.D.	
77)	C309	4-Isopropyltoluene	16.79	119	1566	N.D.	
78)	C267	1,4-Dichlorobenzene	16.94	146	1603	N.D.	
79)	C249	1,2-Dichlorobenzene	17.54	146	669	N.D.	
80)	C310	n-Butylbenzene	17.41	91	2201	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	19.95	180	672	N.D.	
83)	C316	Hexachlorobutadiene	20.17	225	1990	N.D.	
84)	C314	Naphthalene	20.37	128	1559	N.D.	
85)	C934	1,2,3-Trichlorobenze	20.73	180	1751	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2207902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0844.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2207902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0844.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

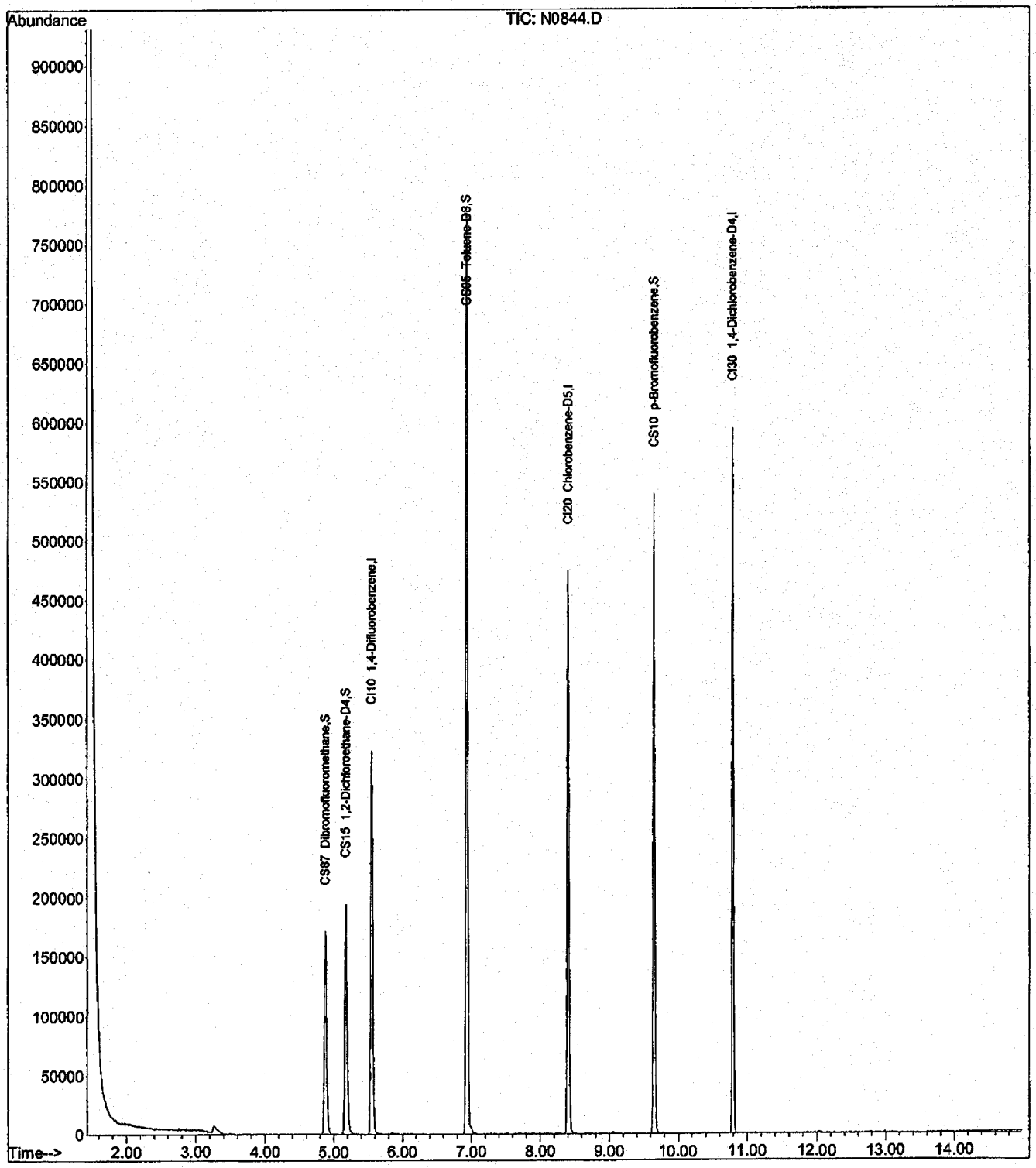
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0844.D
Acq On : 9 Sep 2008 10:33
Sample : VBLK27
Misc :
MS Integration Params: RTEINT.P

Vial: 5
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Quant Time: Sep 09 10:49:06 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0844.D Vial: 5
Acq On : 9 Sep 2008 10:33 Operator: RJ
Sample : VBLK27 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:49:06 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

9/9/08 Nastics

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.55	114	306627	125.00	ng	0.00 99.50%
43) CI20	Chlorobenzene-D5	8.41	117	278658	125.00	ng	0.00 97.70%
62) CI30	1,4-Dichlorobenzene-	10.79	152	147811	125.00	ng	0.00 92.39%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.88	111	123057	127.73	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.18%	
31) CS15	1,2-Dichloroethane-D	5.18	65	157135	128.69	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	102.95%	
44) CS05	Toluene-D8	6.93	98	540784	137.49	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	109.99%	
61) CS10	p-Bromofluorobenzene	9.65	174	155027	128.62	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	102.90%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.27	84	5740	Below Cal	99
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.91	43	154	N.D.	
14) C300	Acetonitrile	3.13	41	149	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	0.00	83	0	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

9/23/08

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0844.D Vial: 5
Acq On : 9 Sep 2008 10:33 Operator: RJ
Sample : VBLK27 Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:49:06 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	7.00	92	1791	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.94	43	2102	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	8.66	91	149	N.D.		
58) C246	m,p-Xylene	0.00	106	0	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	0.00	91	0	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.		
75) C308	sec-Butylbenzene	0.00	105	0	N.D.		
76) C260	1,3-Dichlorobenzen	10.81	146	1802	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	10.81	146	1802	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	11.12	91	207	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	12.79	128	1140	N.D.		
85) C934	1,2,3-Trichloroben	12.99	180	207	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

9/23/08

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2152301

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4166.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	250	B
71-43-2	Benzene	50	
75-27-4	Bromodichloromethane	48	
75-25-2	Bromoform	55	
74-83-9	Bromomethane	52	
78-93-3	2-Butanone	220	
75-15-0	Carbon Disulfide	53	
56-23-5	Carbon Tetrachloride	54	
108-90-7	Chlorobenzene	53	
75-00-3	Chloroethane	52	
67-66-3	Chloroform	48	
74-87-3	Chloromethane	43	
110-82-7	Cyclohexane	49	
106-93-4	1,2-Dibromoethane	49	
124-48-1	Dibromochloromethane	52	
96-12-8	1,2-Dibromo-3-chloropropane	40	
95-50-1	1,2-Dichlorobenzene	48	
541-73-1	1,3-Dichlorobenzene	48	
106-46-7	1,4-Dichlorobenzene	48	
75-71-8	Dichlorodifluoromethane	41	
75-34-3	1,1-Dichloroethane	48	
107-06-2	1,2-Dichloroethane	44	
75-35-4	1,1-Dichloroethene	63	
156-59-2	cis-1,2-Dichloroethene	50	
156-60-5	trans-1,2-Dichloroethene	52	
78-87-5	1,2-Dichloropropane	47	
10061-01-5	cis-1,3-Dichloropropene	48	
10061-02-6	trans-1,3-Dichloropropene	48	
100-41-4	Ethylbenzene	52	
591-78-6	2-Hexanone	230	
98-82-8	Isopropylbenzene	45	
79-20-9	Methyl acetate	47	B
108-87-2	Methylcyclohexane	53	
75-09-2	Methylene chloride	61	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB01

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2152301

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4166.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 08/28/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

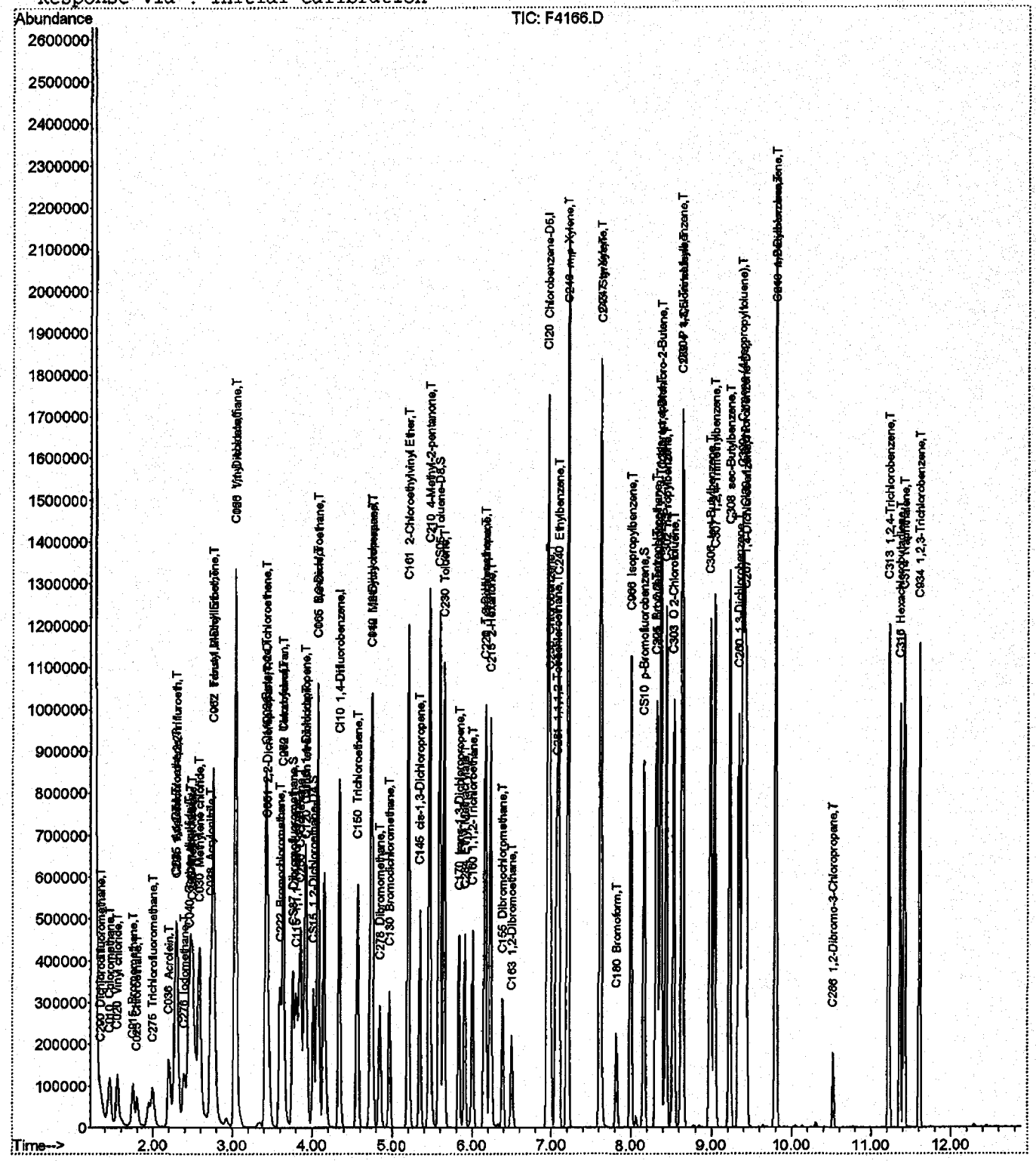
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	230	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	50	
100-42-5	Styrene	52	
79-34-5	1,1,2,2-Tetrachloroethane	44	
127-18-4	Tetrachloroethene	57	
108-88-3	Toluene	51	B
120-82-1	1,2,4-Trichlorobenzene	49	
71-55-6	1,1,1-Trichloroethane	51	
79-00-5	1,1,2-Trichloroethane	48	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	59	
75-69-4	Trichlorofluoromethane	53	
79-01-6	Trichloroethene	52	
75-01-4	Vinyl chloride	48	
1330-20-7	Total Xylenes	160	

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\082808\F4166.D Vial: 2
Acq On : 28 Aug 2008 11:16 Operator: LH
Sample : MSB(FULL) Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:05 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Aug 28 12:06:03 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4166.D Vial: 2
Acq On : 28 Aug 2008 11:16 Operator: LH
Sample : MSB(FULL) Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:06:12 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Aug 28 12:06:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\082808\F4165.D (28 Aug 2008 10:39)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	752788	250.00	ng		0.00 97.08%
43) CI20	Chlorobenzene-D5	6.96	82	330230	250.00	ng		0.00 97.02%
63) CI30	1,4-Dichlorobenzene-	9.41	152	377467	250.00	ng		0.00 96.91%
System Monitoring Compounds								
27) CS87	Dibromofluoromethane	3.76	111	234833	279.80	ng		0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	111.92%		
32) CS15	1,2-Dichloroethane-D	4.02	65	226926	254.11	ng		0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	101.64%		
44) CS05	Toluene-D8	5.59	98	892348	289.62	ng		0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	115.85%		
62) CS10	p-Bromofluorobenzene	8.16	174	288554	280.83	ng		0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	112.33%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.35	85	121067	205.82	ng		97
3) C010	Chloromethane	1.46	50	172867	217.19	ng		98
4) C020	Vinyl chloride	1.55	62	160773	241.19	ng		100
5) C015	Bromomethane	1.75	94	84835	258.06	ng		86
6) C025	Chloroethane	1.80	64	76478	260.60	ng		96
7) C275	Trichlorofluorometha	2.00	101	181608	266.32	ng		94
8) C291	1,1,2-Trichloro-1,2,	2.30	101	136341	295.49	ng		97
9) C045	1,1-Dichloroethene	2.28	96	137665	313.78	ng		99
10) C030	Methylene chloride	2.58	84	239612	304.85	ng		97
11) C040	Carbon disulfide	2.45	76	485821	266.30	ng		96
12) C036	Acrolein	2.20	56	229040	3103.14	ng		97
13) C038	Acrylonitrile	2.72	53	344884	1200.13	ng		100
14) C035	Acetone	2.30	43	222888	1251.37	ng		99
15) C300	Acetonitrile	2.47	41	933875	9668.64	ng		100
16) C276	Iodomethane	2.39	142	213771	210.55	ng		98
17) C255	Methyl Acetate	2.50	43	222346	236.81	ng		96
18) C962	T-butyl Methyl Ether	2.76	73	561238	248.58	ng		95
19) C057	trans-1,2-Dichloroet	2.76	96	192260	258.78	ng	#	80
20) C050	1,1-Dichloroethane	3.03	63	304581	240.87	ng		98
21) C125	Vinyl Acetate	3.04	43	1735957	1148.38	ng		96
22) C051	2,2-Dichloropropane	3.44	77	261522	262.20	ng		89
23) C056	cis-1,2-Dichloroethe	3.43	96	208008	249.96	ng		86
24) C272	Tetrahydrofuran	3.63	42	308821	1129.78	ng		96
25) C222	Bromochloromethane	3.60	128	107671	247.22	ng		83
26) C060	Chloroform	3.65	83	298879	239.35	ng		98
28) C256	Cyclohexane	3.85	56	308520	246.22	ng	#	100
29) C115	1,1,1-Trichloroethan	3.80	97	272024	256.50	ng		94
30) C120	Carbon tetrachloride	3.93	117	245106	271.31	ng		94
31) C116	1,1-Dichloropropene	3.91	75	241816	255.79	ng		87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\082808\F4166.D Vial: 2
Acq On : 28 Aug 2008 11:16 Operator: LH
Sample : MSB(FULL) Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 28 12:06:12 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Aug 28 12:06:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	745318	251.41	ng		99
34)	C065	1,2-Dichloroethane	4.07	62	211633	218.84	ng		89
35)	C110	2-Butanone	3.41	43	446424	1101.12	ng		95
36)	C150	Trichloroethene	4.56	95	193391	258.20	ng		85
37)	C161	2-Chloroethylvinyl E	5.20	63	528869	1130.56	ng	#	76
38)	C012	Methylcyclohexane	4.73	83	327580	264.89	ng		85
39)	C140	1,2-Dichloropropane	4.74	63	182220	236.10	ng		100
40)	C278	Dibromomethane	4.84	93	108405	235.01	ng		94
41)	C130	Bromodichloromethane	4.97	83	219310	238.82	ng		98
42)	C145	cis-1,3-Dichloroprop	5.34	75	293484	242.27	ng		91
45)	C230	Toluene	5.65	92	513089	257.17	ng		93
46)	C170	trans-1,3-Dichloropr	5.84	75	256520	237.50	ng		89
47)	C284	Ethyl Methacrylate	5.90	69	250261	244.56	ng		87
48)	C160	1,1,2-Trichloroethan	6.01	83	127463	238.72	ng		96
49)	C210	4-Methyl-2-pentanone	5.46	43	947331	1164.04	ng		93
50)	C220	Tetrachloroethene	6.16	166	216149	283.60	ng		93
51)	C221	1,3-Dichloropropane	6.16	76	266135	235.77	ng		96
52)	C155	Dibromochloromethane	6.38	129	185673	259.61	ng		85
53)	C163	1,2-Dibromoethane	6.50	107	165714	243.33	ng		92
54)	C215	2-Hexanone	6.23	43	664062	1133.33	ng		92
55)	C235	Chlorobenzene	6.99	112	574754	265.39	ng		89
56)	C281	1,1,1,2-Tetrachloroe	7.06	131	194651	271.62	ng		97
57)	C240	Ethylbenzene	7.09	91	901357	258.98	ng		95
58)	C246	m,p-Xylene	7.20	106	723347	536.72	ng		99
59)	C247	o-Xylene	7.61	106	361671	267.29	ng	#	74
60)	C245	Styrene	7.63	104	596919	262.82	ng		91
61)	C180	Bromoform	7.82	173	119942	276.28	ng		84
64)	C966	Isopropylbenzene	8.00	105	832109	224.73	ng		90
65)	C301	Bromobenzene	8.32	156	246828	240.17	ng	#	84
66)	C225	1,1,2,2-Tetrachloroe	8.31	83	208124	222.68	ng		91
67)	C282	1,2,3-Trichloropropa	8.36	110	58375	195.22	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.37	53	271914	968.62	ng	#	66
69)	C302	n-Propylbenzene	8.44	91	1072289	243.21	ng		98
70)	C303	O 2-Chlorotoluene	8.53	126	238038	245.58	ng		100
71)	C289	P 4-Chlorotoluene	8.65	126	239213	242.35	ng		100
72)	C304	1,3,5-Trimethylbenze	8.63	105	776433	243.95	ng		85
73)	C306	tert-Butylbenzene	8.99	134	183871	252.75	ng	#	90
74)	C307	1,2,4-Trimethylbenze	9.04	105	801116	244.96	ng		96
75)	C308	sec-Butylbenzene	9.22	105	1013276	264.24	ng		97
76)	C260	1,3-Dichlorobenzene	9.34	146	473613	241.53	ng		97
77)	C309	p-Cymene (4-Isopropy	9.38	119	896045	246.89	ng		93
78)	C267	1,4-Dichlorobenzene	9.43	146	485928	241.15	ng		97
79)	C249	1,2-Dichlorobenzene	9.80	146	453676	239.44	ng		97
80)	C310	n-Butylbenzene	9.79	91	771585	242.39	ng		93
81)	C286	1,2-Dibromo-3-Chloro	10.52	75	37085	199.24	ng		92
82)	C313	1,2,4-Trichlorobenze	11.23	180	344110	245.34	ng		99
83)	C316	Hexachlorobutadiene	11.37	225	171757	252.61	ng		94
84)	C314	Naphthalene	11.42	128	842094	223.16	ng		95
85)	C934	1,2,3-Trichlorobenze	11.61	180	320094	240.56	ng		97

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2170301

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4236.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	8	BJ
71-43-2	Benzene	52	
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	55	
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	71	
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	1	BJ
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	14	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB08

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2170301

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4236.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	53	B
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	52	
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

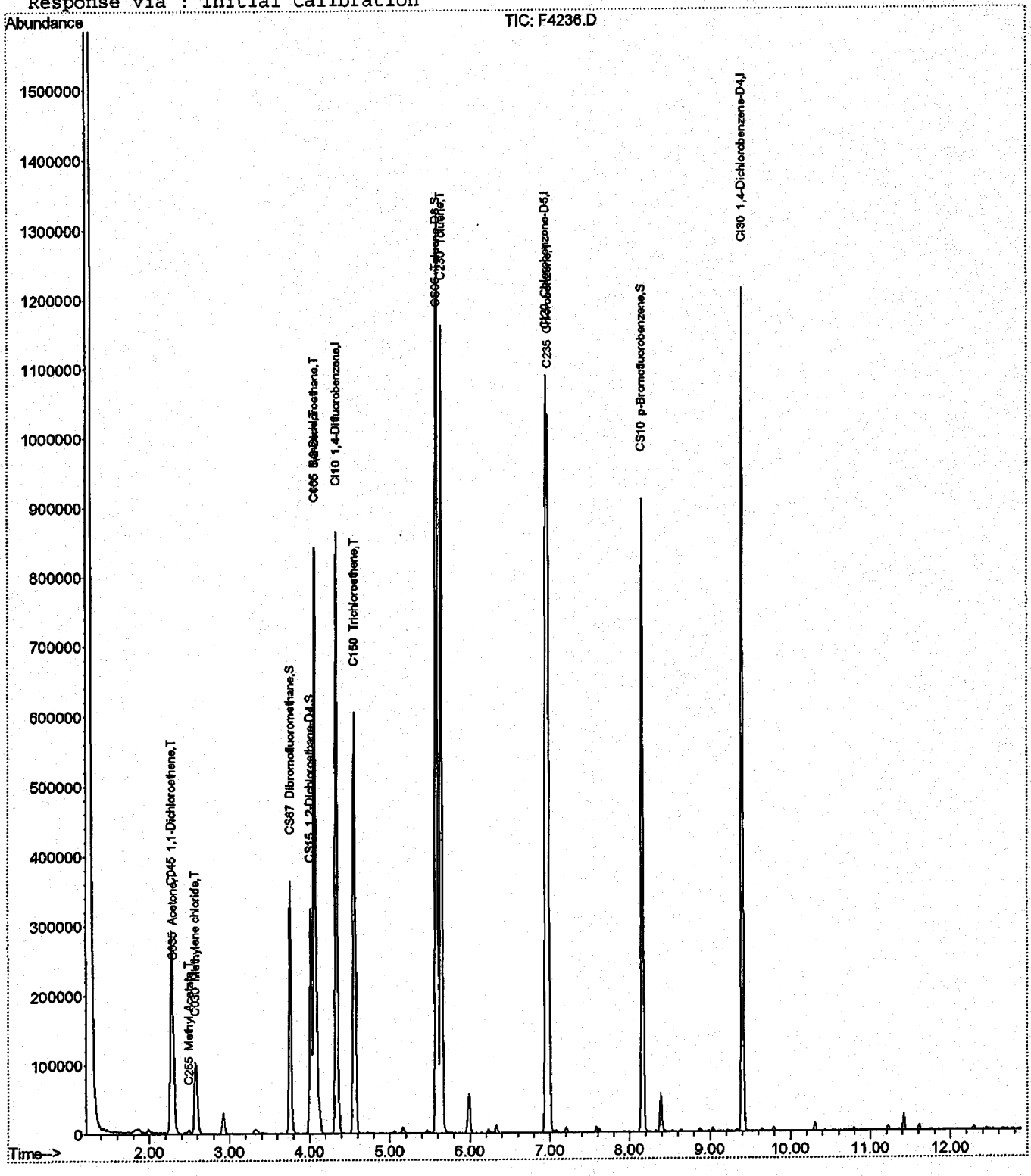
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\090308\F4236.D
Acq On : 3 Sep 2008 10:33
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 10:51 2008

Vial: 2
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 10:52:01 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4236.D
Acq On : 3 Sep 2008 10:33
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 10:52:13 2008

Vial: 2
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 10:52:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090308\F4235.D (3 Sep 2008 10:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	790344	250.00	ng	0.00 96.43%
43) CI20	Chlorobenzene-D5	6.96	82	336910	250.00	ng	0.00 97.49%
63) CI30	1,4-Dichlorobenzene-	9.41	152	376103	250.00	ng	0.00 96.37%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	242777	275.52	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	110.21%	
32) CS15	1,2-Dichloroethane-D	4.01	65	227082	242.20	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	96.88%	
44) CS05	Toluene-D8	5.59	98	918206	292.10	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	116.84%	
62) CS10	p-Bromofluorobenzene	8.16	174	301724	287.82	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	115.13%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	2.28	96	163090	354.06	ng	94
10) C030	Methylene chloride	2.58	84	63551	68.06	ng	97
11) C040	Carbon disulfide	2.44	76	2782	N.D.		
12) C036	Acrolein	2.19	56	137	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	7641	40.86	ng	88
15) C300	Acetonitrile	2.48	41	2039	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	2.50	43	6913	7.01	ng #	85
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.05	43	527	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.65	83	482	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\090308\F4236.D
Acq On : 3 Sep 2008 10:33
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 10:52:13 2008

Vial: 2
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Sep 03 10:52:01 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C165	Benzene	4.07	78	805284	258.73 ng		97
34)	C065	1,2-Dichloroethane	~~4.07~~	~~62~~	~~7192~~	~~7.08 ng~~	#	1
35)	C110	2-Butanone	3.42	43	3363	N.D.		
36)	C150	Trichloroethene	4.56	95	203969	259.38 ng		83
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.		
38)	C012	Methylcyclohexane	4.74	83	765	N.D.		
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
40)	C278	Dibromomethane	0.00	93	0	N.D.		
41)	C130	Bromodichloromethane	0.00	83	0	N.D.		
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45)	C230	Toluene	5.65	92	537879	264.25 ng		92
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentanone	5.46	43	3499	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.		
52)	C155	Dibromochloromethane	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	6.23	43	4260	N.D.		
55)	C235	Chlorobenzene	6.99	112	607842	275.11 ng		89
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	7.09	91	2966	N.D.		
58)	C246	m,p-Xylene	7.20	106	3063	N.D.		
59)	C247	o-Xylene	7.61	106	1000	N.D.		
60)	C245	Styrene	7.62	104	2319	N.D.		
61)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	8.00	105	957	N.D.		
65)	C301	Bromobenzene	8.32	156	503	N.D.		
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-But	8.37	53	927	N.D.		
69)	C302	n-Propylbenzene	8.43	91	2939	N.D.		
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.		
71)	C289	P 4-Chlorotoluene	8.65	126	156	N.D.		
72)	C304	1,3,5-Trimethylbenze	8.63	105	1396	N.D.		
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.		
74)	C307	1,2,4-Trimethylbenze	9.04	105	3866	N.D.		
75)	C308	sec-Butylbenzene	9.22	105	1639	N.D.		
76)	C260	1,3-Dichlorobenzene	9.33	146	1604	N.D.		
77)	C309	p-Cymene (4-Isopropy	9.38	119	1705	N.D.		
78)	C267	1,4-Dichlorobenzene	9.43	146	4689	N.D.		
79)	C249	1,2-Dichlorobenzene	9.80	146	1563	N.D.		
80)	C310	n-Butylbenzene	9.79	91	3108	N.D.		
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.		
82)	C313	1,2,4-Trichlorobenze	11.23	180	2351	N.D.		
83)	C316	Hexachlorobutadiene	11.36	225	357	N.D.		
84)	C314	Naphthalene	11.42	128	17005	N.D.		
85)	C934	1,2,3-Trichlorobenze	11.61	180	2875	N.D.		

(#) = qualifier out of range (m) = manual integration

9/29/2008

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2171901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0708.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	150	
71-43-2	Benzene	25	
75-27-4	Bromodichloromethane	25	
75-25-2	Bromoform	24	
74-83-9	Bromomethane	17	
78-93-3	2-Butanone	160	
75-15-0	Carbon Disulfide	27	
56-23-5	Carbon Tetrachloride	26	
108-90-7	Chlorobenzene	25	
75-00-3	Chloroethane	21	
67-66-3	Chloroform	26	
74-87-3	Chloromethane	28	
110-82-7	Cyclohexane	33	
106-93-4	1,2-Dibromoethane	25	
124-48-1	Dibromochloromethane	24	
96-12-8	1,2-Dibromo-3-chloropropane	26	
95-50-1	1,2-Dichlorobenzene	24	
541-73-1	1,3-Dichlorobenzene	23	
106-46-7	1,4-Dichlorobenzene	23	
75-71-8	Dichlorodifluoromethane	29	
75-34-3	1,1-Dichloroethane	26	
107-06-2	1,2-Dichloroethane	26	
75-35-4	1,1-Dichloroethene	27	
156-59-2	cis-1,2-Dichloroethene	25	
156-60-5	trans-1,2-Dichloroethene	26	
78-87-5	1,2-Dichloropropane	26	
10061-01-5	cis-1,3-Dichloropropene	24	
10061-02-6	trans-1,3-Dichloropropene	23	
100-41-4	Ethylbenzene	26	
591-78-6	2-Hexanone	160	
98-82-8	Isopropylbenzene	22	
79-20-9	Methyl acetate	30	
108-87-2	Methylcyclohexane	28	
75-09-2	Methylene chloride	24	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2171901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0708.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

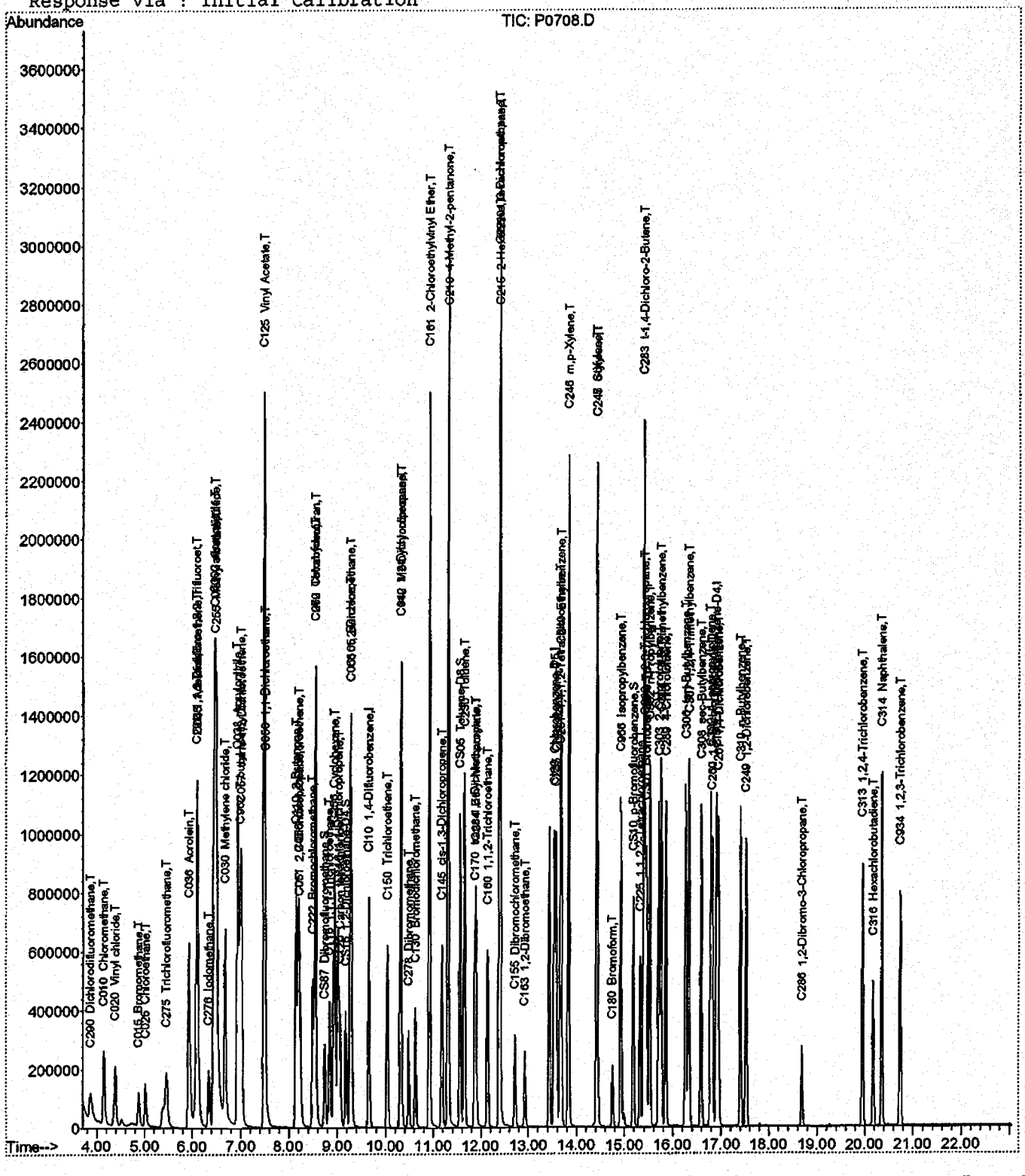
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	160	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	30	
100-42-5	Styrene	26	
79-34-5	1,1,2,2-Tetrachloroethane	25	
127-18-4	Tetrachloroethene	25	
108-88-3	Toluene	25	
120-82-1	1,2,4-Trichlorobenzene	26	
71-55-6	1,1,1-Trichloroethane	26	
79-00-5	1,1,2-Trichloroethane	24	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	33	
75-69-4	Trichlorofluoromethane	25	
79-01-6	Trichloroethene	26	
75-01-4	Vinyl chloride	27	
1330-20-7	Total Xylenes	77	

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090308\P0708.D Vial: 2
Acq On : 3 Sep 2008 10:36 Operator: LH
Sample : MSB(FULL) Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 11:01 2008 Quant Results File: A8I0000550.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0708.D Vial: 2
Acq On : 3 Sep 2008 10:36 Operator: LH
Sample : MSB(FULL) Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 11:02:20 2008 Quant Results File: A8I0000550.RES

5 comp + BTEX OR

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090308\P0707.D (3 Sep 2008 10:00)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.65	114	617776	125.00	ng		0.00
								99.48%
43) CI20	Chlorobenzene-D5	13.54	117	564922	125.00	ng		0.00
								99.30%
62) CI30	1,4-Dichlorobenzene-	16.91	152	323164	125.00	ng		0.00
								100.23%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	205036	123.02	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.42%			
31) CS15	1,2-Dichloroethane-D	9.18	65	321266	121.45	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	97.16%			
44) CS05	Toluene-D8	11.56	98	745000	120.77	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	96.62%			
61) CS10	p-Bromofluorobenzene	15.19	174	231526	125.60	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	100.48%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.88	85	266708	144.17	ng		97
3) C010	Chloromethane	4.16	50	436388	138.41	ng		99
4) C020	Vinyl chloride	4.39	62	318709	137.38	ng		96
5) C015	Bromomethane	4.88	94	109861	83.13	ng		99
6) C025	Chloroethane	5.02	64	173307	106.46	ng		97
7) C275	Trichlorofluorometha	5.45	101	381835m	124.48	ng		97
8) C045	1,1-Dichloroethene	6.10	96	224718	136.19	ng	#	63
9) C030	Methylene chloride	6.68	84	278936	121.63	ng	#	46
10) C040	Carbon disulfide	6.48	76	822436	136.40	ng		100
11) C036	Acrolein	5.93	56	1010147	3108.68	ng		93
12) C038	Acrylonitrile	6.93	53	1192642	794.06	ng		99
13) C035	Acetone	6.10	43	938885	747.27	ng		96
14) C300	Acetonitrile	6.46	41	3755005	8051.62	ng		98
15) C276	Iodomethane	6.34	142	300539	108.89	ng		95
16) C291	1,1,2 Trichloro-1,2,	6.09	101	236308	167.08	ng		93
17) C962	T-butyl Methyl Ether	6.99	73	819895	149.84	ng	#	78
18) C057	trans-1,2-Dichloroet	7.02	96	234519	129.66	ng	#	76
19) C255	Methyl Acetate	6.49	43	685298	148.24	ng	#	79
20) C050	1,1-Dichloroethane	7.51	63	538495	131.27	ng		97
21) C125	Vinyl Acetate	7.48	43	4557895	826.50	ng	#	87
22) C051	2,2-Dichloropropane	8.23	77	346962	146.87	ng		99
23) C056	cis-1,2-Dichloroethe	8.20	96	244100	125.44	ng	#	75
24) C272	Tetrahydrofuran	8.55	42	973841	847.18	ng	#	71
25) C222	Bromochloromethane	8.49	128	111464	122.92	ng	#	42
26) C060	Chloroform	8.54	83	419692	129.63	ng		99
27) C115	1,1,1-Trichloroethan	8.83	97	361713	129.81	ng		93
28) C120	Carbon tetrachloride	9.05	117	263403	132.78	ng		97
29) C116	1,1-Dichloropropene	9.01	75	310875	132.56	ng		98
32) C165	Benzene	9.28	78	907793	125.67	ng		100

(#) = qualifier out of range (m) = manual integration

9/23/08

Quantitation Report

Data File : H:\GCMS_VOA\P\090308\P0708.D Vial: 2
Acq On : 3 Sep 2008 10:36 Operator: LH
Sample : MSB(FULL) Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 11:02:20 2008 Quant Results File: A8I0000550.RES

Quant Method : C:\MSDCHEM\1...\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	451054	131.26	ng		85
34)	C110	2-Butanone	8.15	43	1484205	779.39	ng	#	76
35)	C256	Cyclohexane	8.94	56	668069	166.79	ng	#	66
36)	C150	Trichloroethene	10.03	95	234610	131.12	ng		99
37)	C140	1,2-Dichloropropane	10.32	63	301731	131.15	ng		92
38)	C278	Dibromomethane	10.48	93	162128	127.39	ng		98
39)	C130	Bromodichloromethane	10.62	83	291272	124.57	ng		96
40)	C161	2-Chloroethylvinyl E	10.92	63	1125000	641.27	ng		93
41)	C012	Methylcycolhexane	10.32	83	332022	141.76	ng	#	74
42)	C145	cis-1,3-Dichloroprop	11.18	75	352026	118.07	ng		97
45)	C230	Toluene	11.65	92	540133	124.57	ng		97
46)	C170	trans-1,3-Dichloropr	11.87	75	320944	114.51	ng		97
47)	C284	Ethyl Methacrylate	11.90	69	337867	123.40	ng	#	23
48)	C160	1,1,2-Trichloroethan	12.14	83	178585	121.51	ng		91
49)	C210	4-Methyl-2-pentanone	11.31	43	2920410	790.26	ng		97
50)	C220	Tetrachloroethene	12.41	166	185635	124.37	ng		95
51)	C221	1,3-Dichloropropane	12.38	76	360322	122.44	ng		96
52)	C155	Dibromochloromethane	12.72	129	182453	121.98	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	218812	125.58	ng		97
54)	C215	2-Hexanone	12.39	43	2045925	798.94	ng		91
55)	C235	Chlorobenzene	13.58	112	556344	123.58	ng		99
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	183687	124.98	ng		97
57)	C240	Ethylbenzene	13.68	91	1003517	128.60	ng		99
58)	C246	m,p-Xylene	13.84	106	714597	254.24	ng		94
59)	C247	o-Xylene	14.42	106	371671	129.15	ng		98
60)	C245	Styrene	14.43	104	607882	127.53	ng		83
63)	C180	Bromoform	14.75	173	121684	118.24	ng		95
64)	C966	Isopropylbenzene	14.92	105	831705	107.79	ng		95
65)	C301	Bromobenzene	15.45	156	242398	119.90	ng		92
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	349742	125.46	ng		98
67)	C282	1,2,3-Trichloropropa	15.42	110	84014	107.82	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	303679	579.10	ng	#	71
69)	C302	n-Propylbenzene	15.53	91	1154711	118.36	ng		97
70)	C303	2-Chlorotoluene	15.71	126	227080	119.71	ng		100
71)	C289	4-Chlorotoluene	15.86	126	227328	116.75	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	784271	121.38	ng	#	53
73)	C306	tert-Butylbenzene	16.27	134	142459	119.23	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	815067	123.39	ng		99
75)	C308	sec-Butylbenzene	16.59	105	911535	129.69	ng		98
76)	C260	1,3-Dichlorobenzene	16.82	146	433224	114.82	ng		98
77)	C309	4-Isopropyltoluene	16.79	119	732612	120.42	ng		96
78)	C267	1,4-Dichlorobenzene	16.94	146	452608	114.71	ng		99
79)	C249	1,2-Dichlorobenzene	17.53	146	450840	118.67	ng		96
80)	C310	n-Butylbenzene	17.41	91	749681	126.24	ng		99
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	76538	130.42	ng		94
82)	C313	1,2,4-Trichlorobenze	19.95	180	324160	129.14	ng		93
83)	C316	Hexachlorobutadiene	20.17	225	120229	127.88	ng		96
84)	C314	Naphthalene	20.36	128	1104579	157.45	ng		99
85)	C934	1,2,3-Trichlorobenze	20.73	180	305306	132.14	ng		96

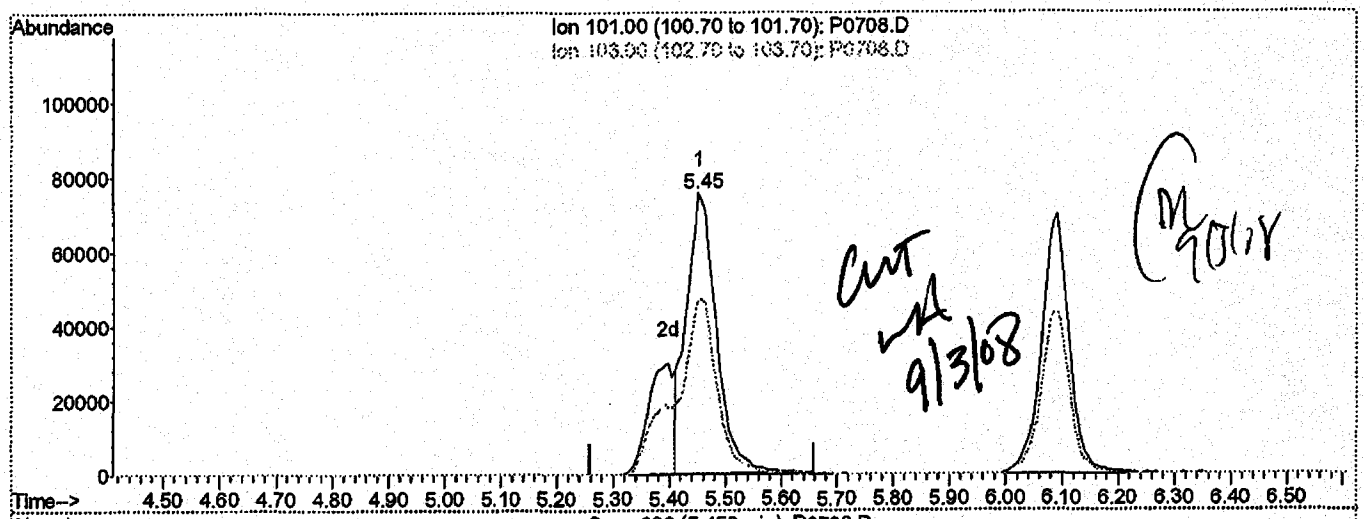
(#) = qualifier out of range (m) = manual integration

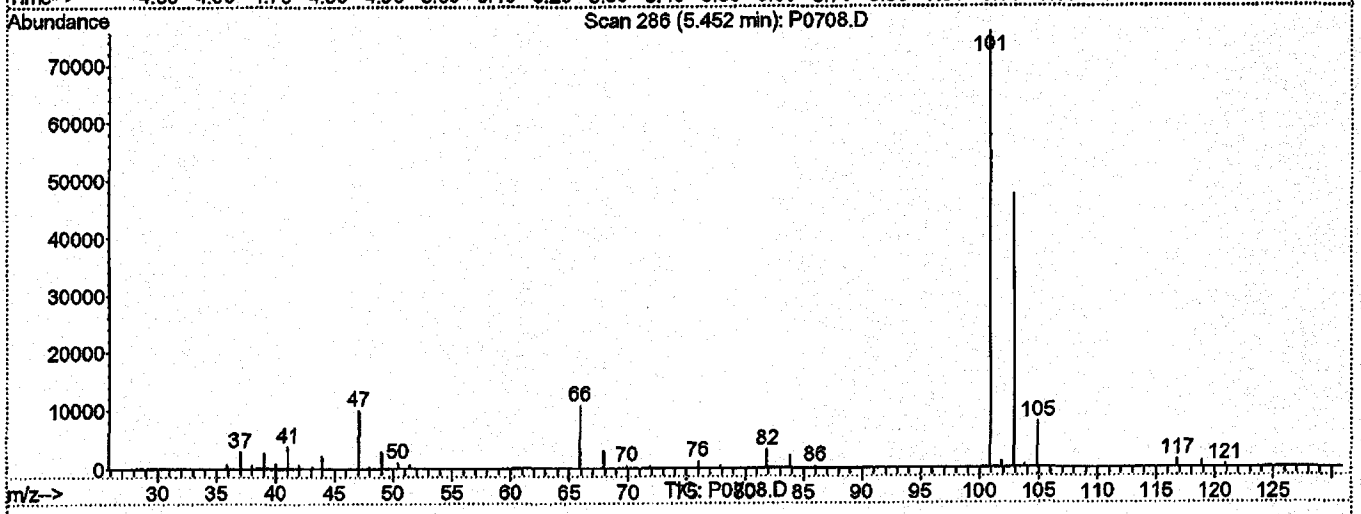
9/23/08

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090308\P0708.D Vial: 2
Acq On : 3 Sep 2008 10:36 Operator: LH
Sample : MSB(FULL) Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 11:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 90.77ng

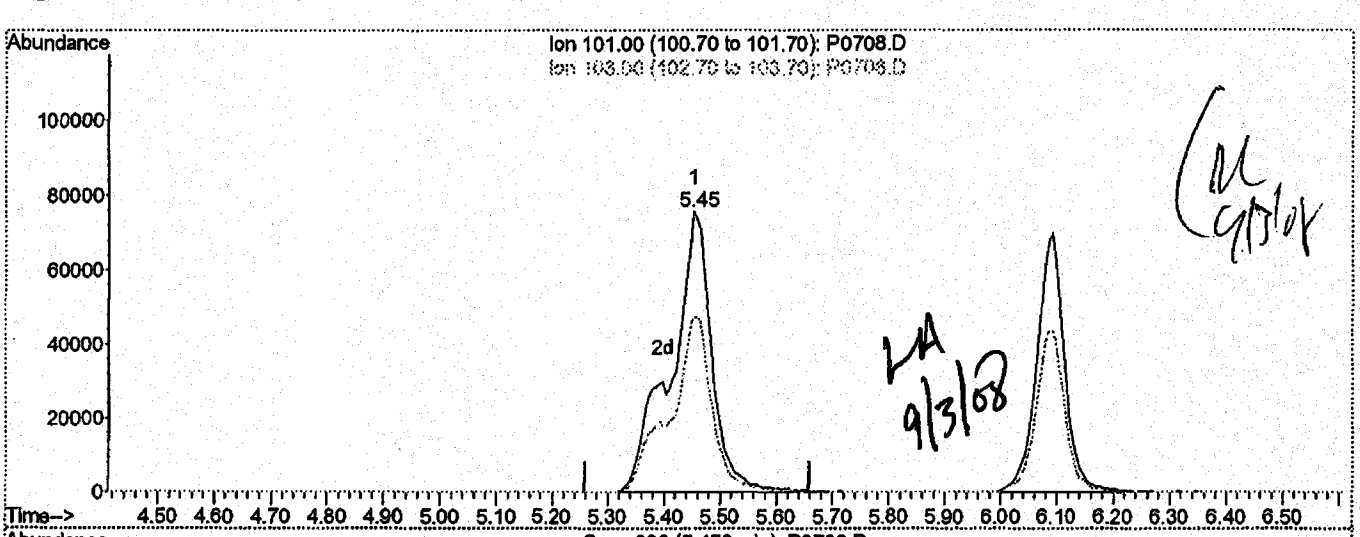
response 278437

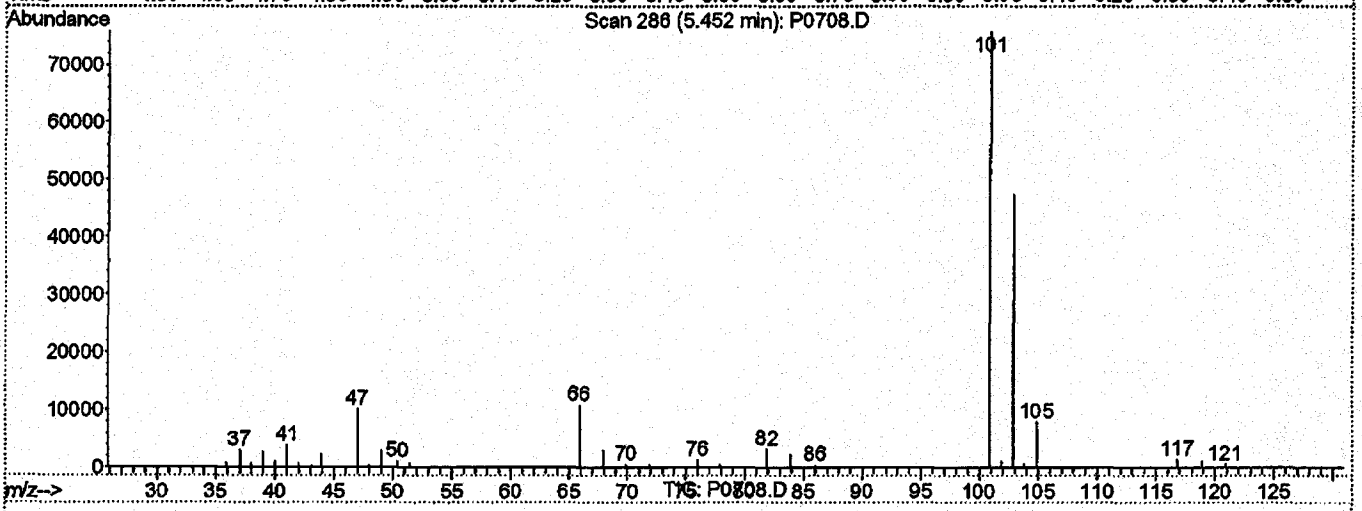
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090308\P0708.D Vial: 2
Acq On : 3 Sep 2008 10:36 Operator: LH
Sample : MSB(FULL) Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 11:01 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000550.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Sep 03 10:54:38 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 124.48ng m

response 381835

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.60
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2178002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4253.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	9	BJ
71-43-2	Benzene	50	
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	54	
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	61	
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	2	J
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	16	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB10

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2178002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F4253.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	52	B
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	50	
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

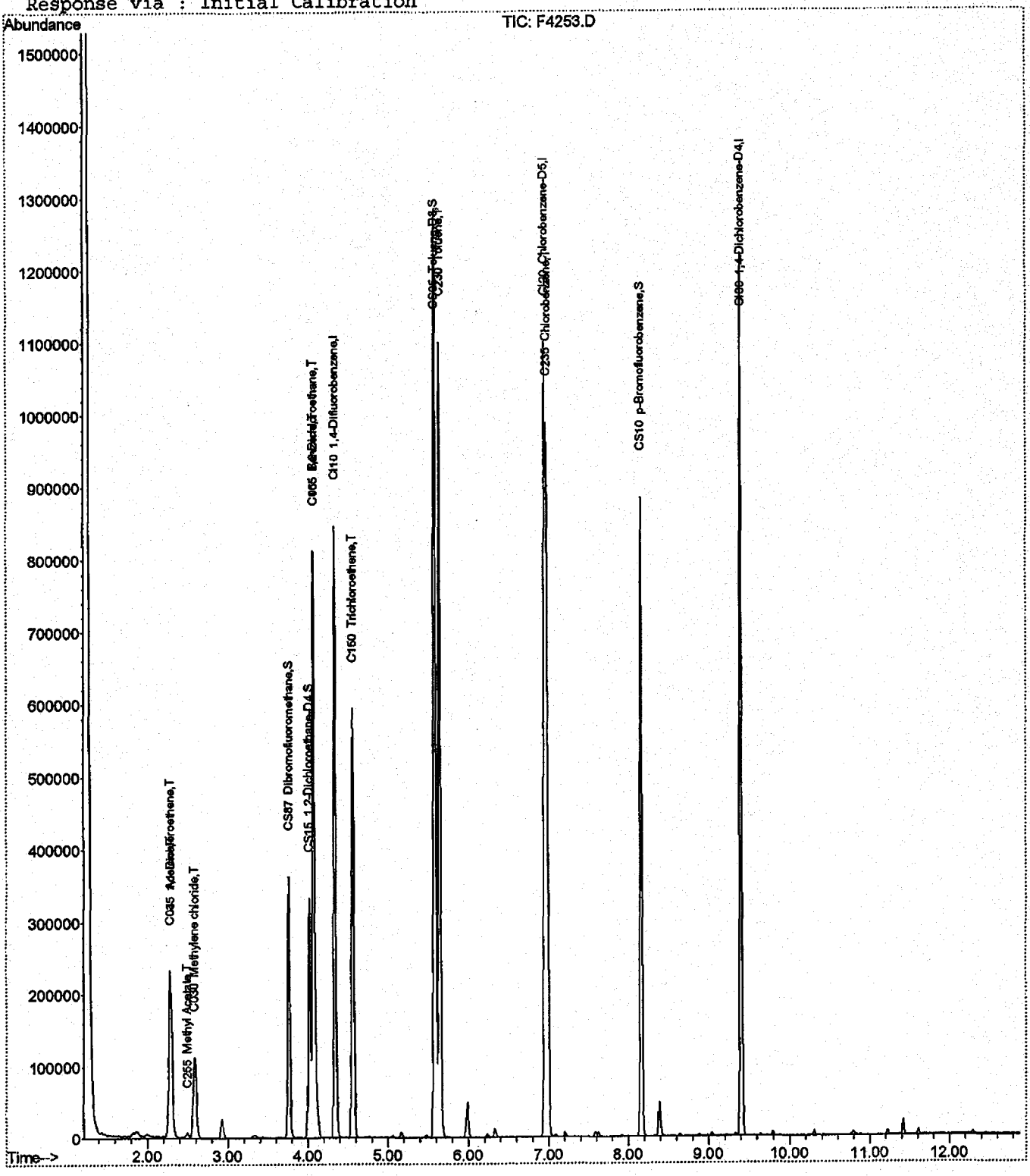
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\090408\F4253.D
Acq On : 4 Sep 2008 11:14
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 17:35 2008

Vial: 2
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4253.D Vial: 2
Acq On : 4 Sep 2008 11:14 Operator: LH
Sample : MSB Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 17:36:32 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090408\F4252.D (4 Sep 2008 10:48)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.35	114	781753	250.00	ng	0.00 95.27%
43) CI20	Chlorobenzene-D5	6.96	82	330937	250.00	ng	0.00 94.62%
63) CI30	1,4-Dichlorobenzene-	9.41	152	369612	250.00	ng	0.00 95.47%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	236292	271.11	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	108.44%	
32) CS15	1,2-Dichloroethane-D	4.02	65	220702	237.98	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	95.19%	
44) CS05	Toluene-D8	5.59	98	899741	291.39	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	116.56%	
62) CS10	p-Bromofluorobenzene	8.17	174	291870	283.45	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	113.38%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	2.29	96	139875	307.00	ng	99
10) C030	Methylene chloride	2.59	84	71034	78.46	ng	97
11) C040	Carbon disulfide	2.44	76	2198	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	8621	46.61	ng	96
15) C300	Acetonitrile	2.51	41	2025	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	2.50	43	9740	9.99	ng #	89
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.04	43	410	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.65	83	603	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4253.D Vial: 2
Acq On : 4 Sep 2008 11:14 Operator: LH
Sample : MSB Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 17:36:32 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 17:36:19 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C165	Benzene	4.07	78	768250	249.54	ng		97
34)	C065	1,2-Dichloroethane	4.07	62	7032	7.00	ng	#	1
35)	C110	2-Butanone	3.44	43	3080	N.D.			
36)	C150	Trichloroethene	4.56	95	196341	252.42	ng		84
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
38)	C012	Methylcyclohexane	4.73	83	366	N.D.			
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
40)	C278	Dibromomethane	0.00	93	0	N.D.			
41)	C130	Bromodichloromethane	0.00	83	0	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	5.65	92	517720	258.94	ng		93
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.			
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentanone	5.47	43	2744	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	6.24	43	3527	N.D.			
55)	C235	Chlorobenzene	6.99	112	581342	267.86	ng		89
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	7.09	91	3157	N.D.			
58)	C246	m,p-Xylene	7.20	106	2931	N.D.			
59)	C247	o-Xylene	7.61	106	714	N.D.			
60)	C245	Styrene	7.62	104	3536	N.D.			
61)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	8.00	105	895	N.D.			
65)	C301	Bromobenzene	8.32	156	151	N.D.			
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	8.38	53	510	N.D.			
69)	C302	n-Propylbenzene	8.43	91	2372	N.D.			
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.			
71)	C289	P 4-Chlorotoluene	8.66	126	288	N.D.			
72)	C304	1,3,5-Trimethylbenze	8.63	105	1022	N.D.			
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.			
74)	C307	1,2,4-Trimethylbenze	9.04	105	3899	N.D.			
75)	C308	sec-Butylbenzene	9.22	105	1517	N.D.			
76)	C260	1,3-Dichlorobenzene	9.34	146	1387	N.D.			
77)	C309	p-Cymene (4-Isopropy	9.38	119	1517	N.D.			
78)	C267	1,4-Dichlorobenzene	9.43	146	4844	N.D.			
79)	C249	1,2-Dichlorobenzene	9.80	146	1327	N.D.			
80)	C310	n-Butylbenzene	9.79	91	3316	N.D.			
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichlorobenze	11.23	180	2621	N.D.			
83)	C316	Hexachlorobutadiene	11.37	225	361	N.D.			
84)	C314	Naphthalene	11.42	128	16115	N.D.			
85)	C934	1,2,3-Trichlorobenze	11.61	180	2821	N.D.			

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2190401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9956.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	140	
71-43-2	Benzene	23	
75-27-4	Bromodichloromethane	28	
75-25-2	Bromoform	28	
74-83-9	Bromomethane	30	
78-93-3	2-Butanone	100	
75-15-0	Carbon Disulfide	26	
56-23-5	Carbon Tetrachloride	33	
108-90-7	Chlorobenzene	23	
75-00-3	Chloroethane	26	
67-66-3	Chloroform	25	
74-87-3	Chloromethane	22	
110-82-7	Cyclohexane	20	
106-93-4	1,2-Dibromoethane	23	
124-48-1	Dibromochloromethane	30	
96-12-8	1,2-Dibromo-3-chloropropane	25	
95-50-1	1,2-Dichlorobenzene	24	
541-73-1	1,3-Dichlorobenzene	23	
106-46-7	1,4-Dichlorobenzene	23	
75-71-8	Dichlorodifluoromethane	28	
75-34-3	1,1-Dichloroethane	40	
107-06-2	1,2-Dichloroethane	26	
75-35-4	1,1-Dichloroethene	28	
156-59-2	cis-1,2-Dichloroethene	24	
156-60-5	trans-1,2-Dichloroethene	27	
78-87-5	1,2-Dichloropropane	20	
10061-01-5	cis-1,3-Dichloropropene	24	
10061-02-6	trans-1,3-Dichloropropene	23	
100-41-4	Ethylbenzene	23	
591-78-6	2-Hexanone	110	
98-82-8	Isopropylbenzene	21	
79-20-9	Methyl acetate	28	
108-87-2	Methylcyclohexane	22	
75-09-2	Methylene chloride	29	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB64

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2190401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9956.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

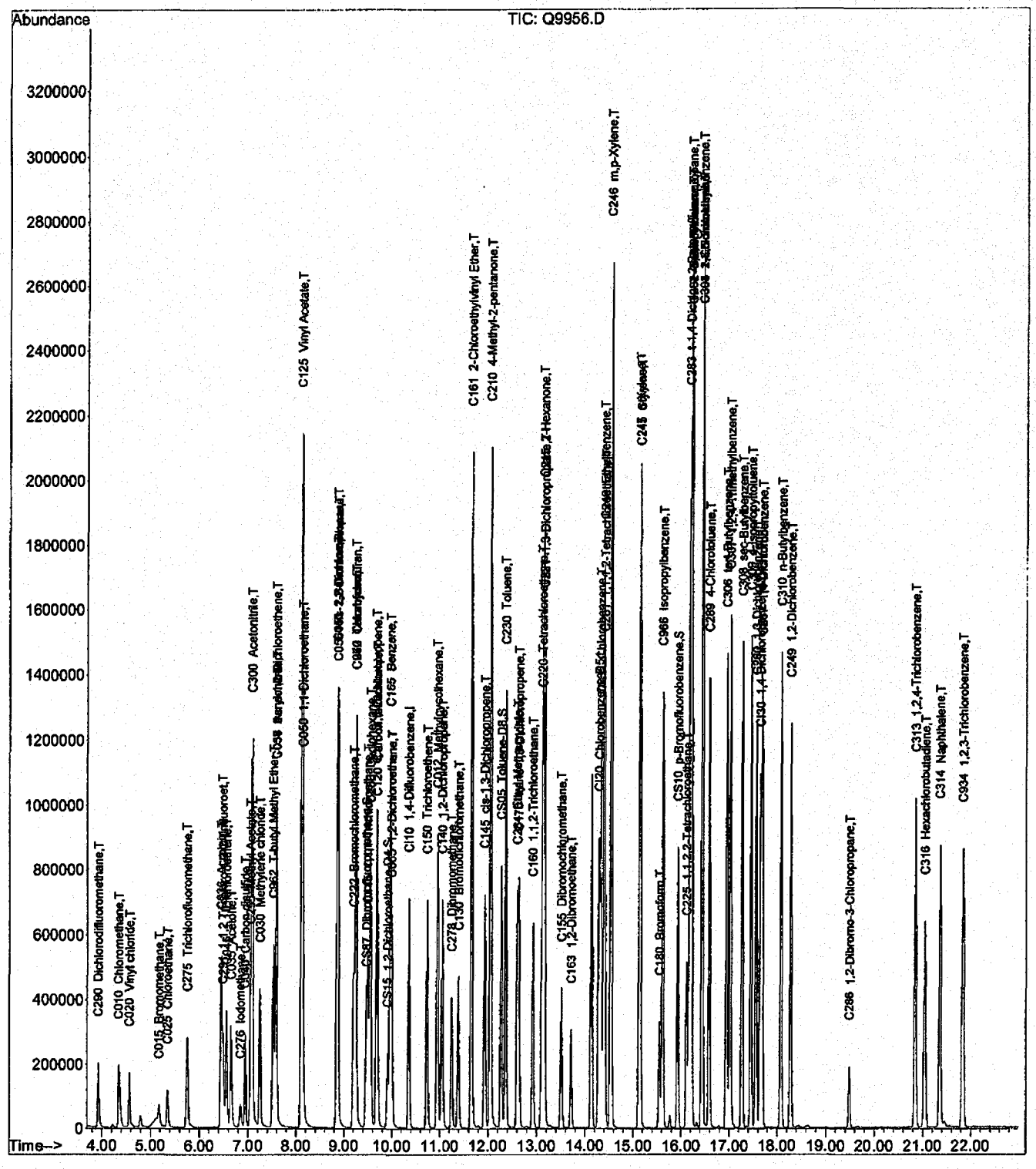
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	100	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	31	
100-42-5	Styrene	24	
79-34-5	1,1,2,2-Tetrachloroethane	22	
127-18-4	Tetrachloroethene	25	
108-88-3	Toluene	22	
120-82-1	1,2,4-Trichlorobenzene	26	
71-55-6	1,1,1-Trichloroethane	28	
79-00-5	1,1,2-Trichloroethane	21	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28	
75-69-4	Trichlorofluoromethane	31	
79-01-6	Trichloroethene	24	
75-01-4	Vinyl chloride	24	
1330-20-7	Total Xylenes	68	

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9956.D Vial: 2
Acq On : 6 Sep 2008 13:52 Operator: ND
Sample : MSB(FULL) Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 06 15:02:31 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 15:01:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9956.D Vial: 2
Acq On : 6 Sep 2008 13:52 Operator: ND
Sample : MSB(FULL) Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 15:02:31 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 15:01:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.35	114	663278	125.00	ng		0.00 99.96%
43) CI20	Chlorobenzene-D5	14.28	117	626926	125.00	ng		0.00 102.50%
62) CI30	1,4-Dichlorobenzene-	17.65	152	371151	125.00	ng		0.00 98.32%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	9.46	111	157555	102.19	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	81.75%		
31) CS15	1,2-Dichloroethane-D	9.91	65	188606	92.39	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	73.91%		
44) CS05	Toluene-D8	12.27	98	646402	96.12	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	76.90%		
61) CS10	p-Bromofluorobenzene	15.93	174	353360	149.35	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	119.48%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.92	85	244918	138.63	ng		99
3) C010	Chloromethane	4.35	50	369873	110.83	ng		98
4) C020	Vinyl chloride	4.56	62	206558	121.71	ng		99
5) C015	Bromomethane	5.18	94	51758	152.91	ng		94
6) C025	Chloroethane	5.35	64	117726	128.84	ng		94
7) C275	Trichlorofluorometha	5.76	101	309080	156.66	ng		99
8) C045	1,1-Dichloroethene	6.56	96	147435	140.39	ng	#	73
9) C030	Methylene chloride	7.25	84	164128	144.36	ng	#	47
10) C040	Carbon disulfide	6.95	76	412086	132.40	ng		98
11) C036	Acrolein	6.45	56	464354	1820.41	ng		93
12) C038	Acrylonitrile	7.59	53	472430	649.37	ng		98
13) C035	Acetone	6.66	43	498698	685.39	ng	#	88
14) C300	Acetonitrile	7.08	41	1435009	4864.21	ng		100
15) C276	Iodomethane	6.84	142	123809	103.50	ng	#	80
16) C291	1,1,2 Trichloro-1,2,	6.49	101	146861	142.37	ng	#	83
17) C962	T-butyl Methyl Ether	7.53	73	541124	155.90	ng	#	84
18) C057	trans-1,2-Dichloroet	7.59	96	172033	134.96	ng	#	79
19) C255	Methyl Acetate	7.05	43	347530	138.64	ng	#	81
20) C050	1,1-Dichloroethane	8.14	63	528757	199.94	ng		98
21) C125	Vinyl Acetate	8.11	43	3821758	902.75	ng	#	93
22) C051	2,2-Dichloropropane	8.86	77	334000	127.13	ng		91
23) C056	cis-1,2-Dichloroethe	8.88	96	300703	118.06	ng		95
24) C272	Tetrahydrofuran	9.25	42	602876	490.26	ng	#	83
25) C222	Bromochloromethane	9.20	128	152831	125.64	ng		97
26) C060	Chloroform	9.25	83	475231	126.09	ng		99
27) C115	1,1,1-Trichloroethan	9.49	97	436426	140.56	ng		98
28) C120	Carbon tetrachloride	9.70	117	374246	166.20	ng		99
29) C116	1,1-Dichloropropene	9.68	75	337817	115.99	ng		95
32) C165	Benzene	9.97	78	1034062	113.11	ng		96
33) C065	1,2-Dichloroethane	10.00	62	487766	130.00	ng		85
34) C110	2-Butanone	8.85	43	953418	501.17	ng	#	88
35) C256	Cyclohexane	9.55	56	554846	97.93	ng	#	79
36) C150	Trichloroethene	10.74	95	268425	121.86	ng	#	75
37) C140	1,2-Dichloropropane	11.05	63	298716	102.38	ng		84
38) C278	Dibromomethane	11.25	93	170148	124.26	ng	#	86

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090608\Q9956.D Vial: 2
Acq On : 6 Sep 2008 13:52 Operator: ND
Sample : MSB(FULL) Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 06 15:02:31 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\1...\A8I0000618-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Sat Sep 06 15:01:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\090608\Q9955.D (6 Sep 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	11.39	83	362183	142.54	ng		98
40) C161	2-Chloroethylvinyl E	11.66	63	957429	533.06	ng	#	86
41) C012	Methylcycolhexane	10.95	83	387897	109.63	ng	#	76
42) C145	cis-1,3-Dichloroprop	11.93	75	410132	118.79	ng		90
45) C230	Toluene	12.36	92	684521	110.75	ng		95
46) C170	trans-1,3-Dichloropr	12.64	75	392917	116.19	ng		84
47) C284	Ethyl Methacrylate	12.61	69	365965	113.21	ng	#	32
48) C160	1,1,2-Trichloroethan	12.92	83	202918	106.81	ng	#	79
49) C210	4-Methyl-2-pentanone	12.05	43	2027329	525.45	ng	#	90
50) C220	Tetrachloroethene	13.11	166	338513	125.23	ng		92
51) C221	1,3-Dichloropropane	13.16	76	427438	108.04	ng		100
52) C155	Dibromochloromethane	13.51	129	291048	147.62	ng		96
53) C163	1,2-Dibromoethane	13.71	107	272820	114.21	ng		99
54) C215	2-Hexanone	13.13	43	1423357	533.34	ng		93
55) C235	Chlorobenzene	14.33	112	785000	115.21	ng		83
56) C281	1,1,1,2-Tetrachloroe	14.41	131	300722	143.96	ng		98
57) C240	Ethylbenzene	14.39	91	1309825	115.79	ng		95
58) C246	m,p-Xylene	14.53	106	1044042	229.03	ng	#	81
59) C247	o-Xylene	15.13	106	511612	113.76	ng	#	81
60) C245	Styrene	15.15	104	830589	118.38	ng		96
63) C180	Bromoform	15.55	173	220701	139.98	ng		95
64) C966	Isopropylbenzene	15.62	105	1210758	103.99	ng		95
65) C301	Bromobenzene	16.21	156	392168	122.41	ng	#	80
66) C225	1,1,2,2-Tetrachloroe	16.12	83	332977	109.36	ng		96
67) C282	1,2,3-Trichloropropa	16.21	110	96870	107.13	ng		100
68) C283	t-1,4-Dichloro-2-But	16.18	53	724553	528.65	ng	#	76
69) C302	n-Propylbenzene	16.22	91	1584038	110.42	ng		85
70) C303	2-Chlorotoluene	16.44	126	338748	115.77	ng		100
71) C289	4-Chlorotoluene	16.58	126	357091	114.21	ng		100
72) C304	1,3,5-Trimethylbenze	16.44	105	1140180	116.98	ng	#	51
73) C306	tert-Butylbenzene	16.95	134	255986	116.29	ng		100
74) C307	1,2,4-Trimethylbenze	17.02	105	1210084	118.39	ng		100
75) C308	sec-Butylbenzene	17.27	105	1431365	121.00	ng		90
76) C260	1,3-Dichlorobenzene	17.56	146	702480	117.03	ng		92
77) C309	4-Isopropyltoluene	17.45	119	1147667	112.31	ng		97
78) C267	1,4-Dichlorobenzene	17.69	146	722972	115.81	ng		94
79) C249	1,2-Dichlorobenzene	18.28	146	689511	118.36	ng		95
80) C310	n-Butylbenzene	18.08	91	1059459	111.33	ng		84
81) C286	1,2-Dibromo-3-Chloro	19.49	75	57742	123.51	ng	#	63
82) C313	1,2,4-Trichlorobenze	20.84	180	551781	127.78	ng		98
83) C316	Hexachlorobutadiene	21.04	225	234536	128.98	ng		95
84) C314	Naphthalene	21.35	128	1109527	125.60	ng		100
85) C934	1,2,3-Trichlorobenze	21.83	180	507870	130.50	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2194001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7560.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	24	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	23	
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	29	
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB26

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2194001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S7560.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/07/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

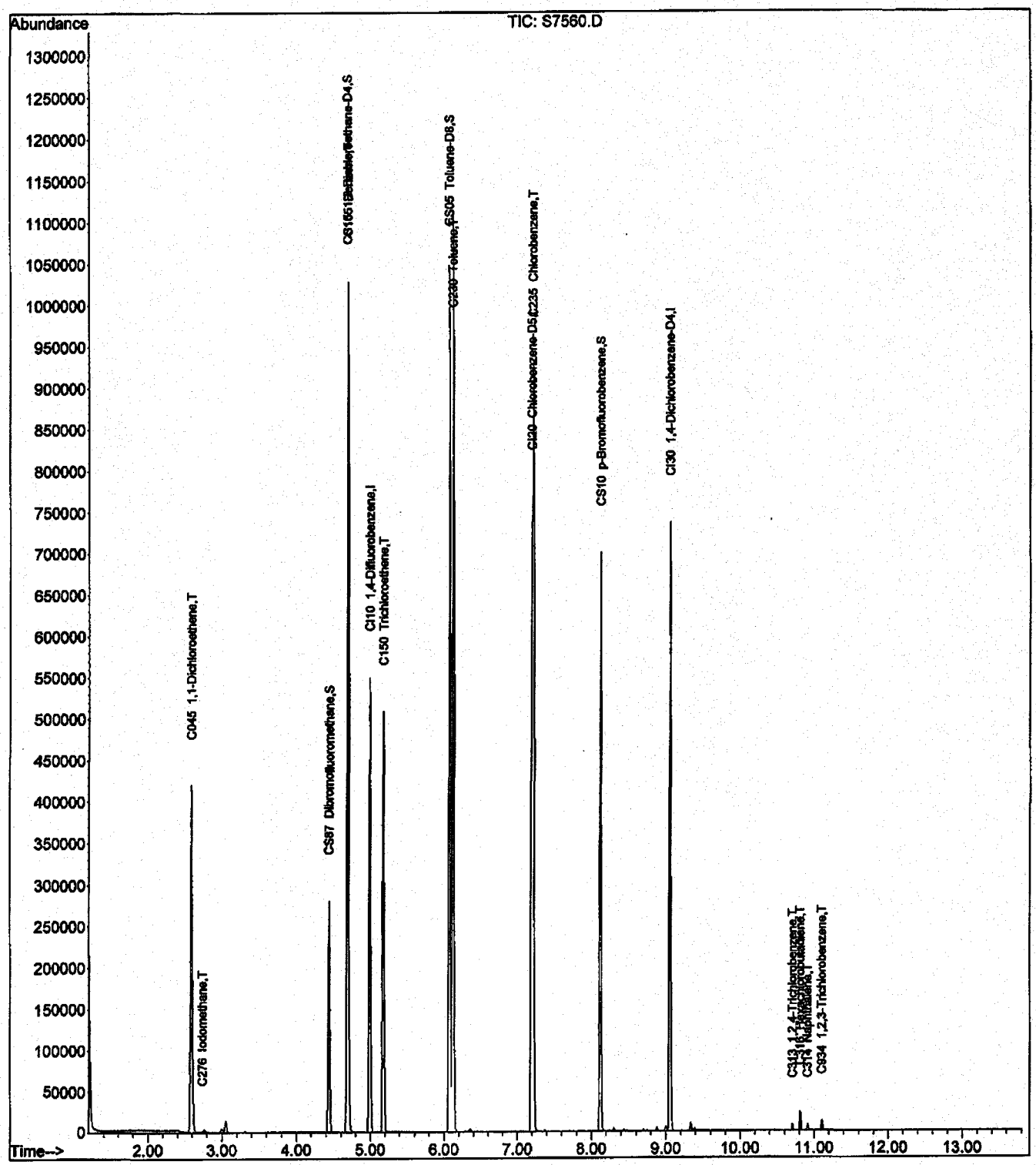
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	24	
120-82-1	1,2,4-Trichlorobenzene	0.60	J
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	23	
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7560.D Vial: 3
Acq On : 7 Sep 2008 10:16 Operator: ND
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 07 11:01:13 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 11:01:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7560.D Vial: 3
Acq On : 7 Sep 2008 10:16 Operator: ND
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:01:13 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 11:01:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

SAE 9/7/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	299221	125.00	ng	0.00 85.70%
43) CI20	Chlorobenzene-D5	7.19	82	178853	125.00	ng	0.00 85.30%
63) CI30	1,4-Dichlorobenzene-	9.06	152	141125	125.00	ng	0.00 89.77%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	128291	140.08	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	112.06%		
31) CS15	1,2-Dichloroethane-D	4.69	65	160285	135.44	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	108.35%		
44) CS05	Toluene-D8	6.07	98	509543	121.52	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	97.22%		
62) CS10	p-Bromofluorobenzene	8.12	174	124721	120.73	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	96.58%		

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.59	96	137617	143.57	ng	89
9) C030	Methylene chloride	3.05	84	4845	Below Cal		90
10) C040	Carbon disulfide	2.77	76	4312	N.D.		
11) C036	Acrolein	2.57	56	346	N.D.		
12) C038	Acrylonitrile	3.31	53	520	N.D.		
13) C035	Acetone	2.74	43	882	N.D.		
14) C300	Acetonitrile	3.00	41	5282	Below Cal	#	65
15) C276	Iodomethane	~~2.74~~	~~142~~	~~162~~	~~3.98 ng~~	#	36
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.99	43	294	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.66	43	561	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.07	96	589	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	528501	121.82	ng	100
33) C065	1,2-Dichloroethane	4.75	62	616	N.D.		
34) C110	2-Butanone	4.15	43	329	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.18	95	127573	116.53	ng	84
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

9/7/2008

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\090708\S7560.D Vial: 3
Acq On : 7 Sep 2008 10:16 Operator: ND
Sample : MSB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 07 11:01:13 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000635-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sun Sep 07 11:01:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\090708\S7559.D (7 Sep 2008 9:33)

Internal Standards			R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39)	C130	Bromodichlorometha	0.00	83	0	N.D.		
40)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41)	C012	Methylcyclohexane	5.28	83	274	N.D.		
42)	C145	cis-1,3-Dichloropr	5.90	75	276	N.D.		
45)	C230	Toluene	6.12	92	361604	122.23	ng	94
46)	C170	trans-1,3-Dichloro	6.33	75	450	N.D.		
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48)	C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49)	C210	4-Methyl-2-pentano	6.03	43	660	N.D.		
50)	C220	Tetrachloroethene	0.00	166	0	N.D.		
51)	C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52)	C155	Dibromochlorometha	0.00	129	0	N.D.		
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54)	C215	2-Hexanone	6.66	43	508	N.D.		
55)	C235	Chlorobenzene	7.22	112	343583	116.61	ng	93
56)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57)	C240	Ethylbenzene	7.37	91	1673	N.D.		
58)	C246	m,p-Xylene	7.37	106	396	N.D.		
59)	C247	o-Xylene	0.00	106	0	N.D.		
60)	C245	Styrene	7.71	104	488	N.D.		
61)	C180	Bromoform	0.00	173	0	N.D.		
64)	C966	Isopropylbenzene	7.97	105	313	N.D.		
65)	C301	Bromobenzene	8.25	156	318	N.D.		
66)	C225	1,1,2,2-Tetrachlor	8.27	83	143	N.D.		
67)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68)	C283	t-1,4-Dichloro-2-B	8.30	51	172	N.D.		
69)	C302	n-Propylbenzene	8.30	91	2107	N.D.		
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.		
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.		
72)	C304	1,3,5-Trimethylben	8.44	105	1355	N.D.		
73)	C306	tert-Butylbenzene	8.88	134	533	N.D.		
74)	C307	1,2,4-Trimethylben	8.75	105	965	N.D.		
75)	C308	sec-Butylbenzene	8.88	105	3788	N.D.		
76)	C260	1,3-Dichlorobenzen	9.00	146	1328	N.D.		
77)	C309	4-Isopropyltoluene	8.99	119	2435	N.D.		
78)	C267	1,4-Dichlorobenzene	9.08	146	2072	Below Cal		89
79)	C249	1,2-Dichlorobenzen	9.39	146	1345	N.D.		
80)	C310	n-Butylbenzene	9.34	91	5650	N.D.		
81)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82)	C313	1,2,4-Trichlorobenze	10.70	180	2832	3.02	ng	98
83)	C316	Hexachlorobutadiene	10.82	225	4532	11.82	ng	95
84)	C314	Naphthalene	10.91	128	6483	16.24	ng	99
85)	C934	1,2,3-Trichlorobenze	11.11	180	3934	10.18	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

9/12/2008

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2199001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0845.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	110	
71-43-2	Benzene	24	
75-27-4	Bromodichloromethane	23	
75-25-2	Bromoform	22	
74-83-9	Bromomethane	20	
78-93-3	2-Butanone	120	
75-15-0	Carbon Disulfide	24	
56-23-5	Carbon Tetrachloride	23	
108-90-7	Chlorobenzene	24	
75-00-3	Chloroethane	23	
67-66-3	Chloroform	22	
74-87-3	Chloromethane	23	
110-82-7	Cyclohexane	26	
106-93-4	1,2-Dibromoethane	24	
124-48-1	Dibromochloromethane	23	
96-12-8	1,2-Dibromo-3-chloropropane	23	
95-50-1	1,2-Dichlorobenzene	24	
541-73-1	1,3-Dichlorobenzene	24	
106-46-7	1,4-Dichlorobenzene	24	
75-71-8	Dichlorodifluoromethane	23	
75-34-3	1,1-Dichloroethane	23	
107-06-2	1,2-Dichloroethane	21	
75-35-4	1,1-Dichloroethene	25	
156-59-2	cis-1,2-Dichloroethene	24	
156-60-5	trans-1,2-Dichloroethene	24	
78-87-5	1,2-Dichloropropane	24	
10061-01-5	cis-1,3-Dichloropropene	25	
10061-02-6	trans-1,3-Dichloropropene	24	
100-41-4	Ethylbenzene	24	
591-78-6	2-Hexanone	130	
98-82-8	Isopropylbenzene	23	
79-20-9	Methyl acetate	22	
108-87-2	Methylcyclohexane	26	
75-09-2	Methylene chloride	25	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2199001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P0845.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

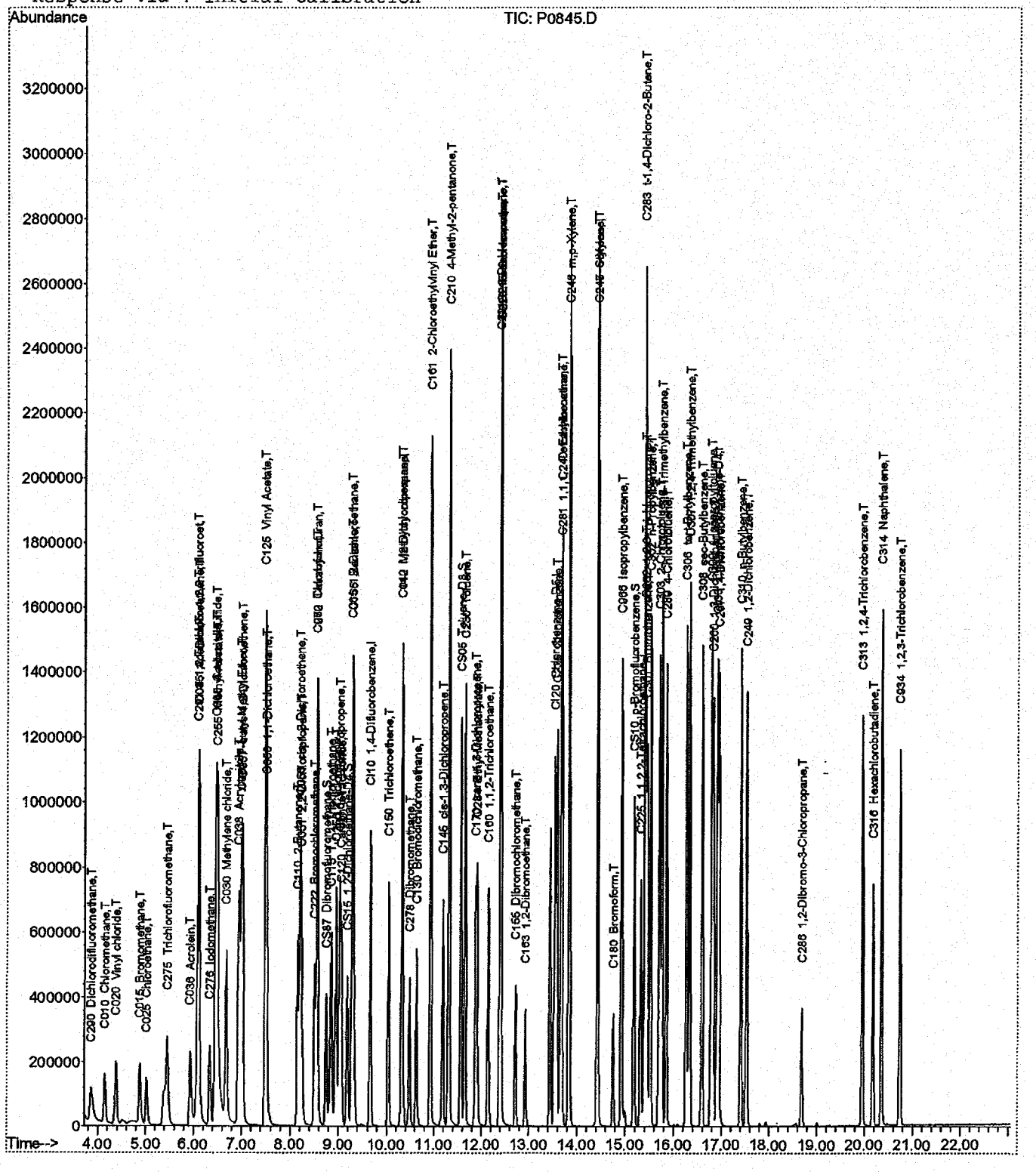
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	130	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	26	
100-42-5	Styrene	25	
79-34-5	1,1,2,2-Tetrachloroethane	25	
127-18-4	Tetrachloroethene	24	
108-88-3	Toluene	24	
120-82-1	1,2,4-Trichlorobenzene	24	
71-55-6	1,1,1-Trichloroethane	22	
79-00-5	1,1,2-Trichloroethane	25	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24	
75-69-4	Trichlorofluoromethane	21	
79-01-6	Trichloroethene	24	
75-01-4	Vinyl chloride	24	
1330-20-7	Total Xylenes	73	

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:47 2008 Quant Results File: A8I0000663.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 19:48:12 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\090808\P0843.D (8 Sep 2008 17:24)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	827147	125.00	ng	0.00 100.89%
43) CI20	Chlorobenzene-D5	13.54	117	708626	125.00	ng	0.00 100.65%
62) CI30	1,4-Dichlorobenzene-	16.91	152	453389	125.00	ng	0.00 101.98%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	298622	116.29	ng	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =	93.03%	
31) CS15	1,2-Dichloroethane-D	9.18	65	446896	106.78	ng	0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =	85.42%	
44) CS05	Toluene-D8	11.57	98	1007933	127.45	ng	0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =	101.96%	
61) CS10	p-Bromofluorobenzene	15.19	174	328770	114.84	ng	0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =	91.87%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	3.87	85	354588m	115.77	ng	100
3) C010	Chloromethane	4.15	50	269250	115.68	ng	98
4) C020	Vinyl chloride	4.38	62	319847	118.88	ng	96
5) C015	Bromomethane	4.88	94	194103	102.01	ng	95
6) C025	Chloroethane	5.02	64	191676	116.17	ng	96
7) C275	Trichlorofluorometha	5.46	101	591995m	106.10	ng	94
8) C045	1,1-Dichloroethene	6.11	96	289704	125.74	ng	# 86
9) C030	Methylene chloride	6.69	84	350465	123.43	ng	# 84
10) C040	Carbon disulfide	6.48	76	990091	122.83	ng	99
11) C036	Acrolein	5.93	56	346409	1844.55	ng	97
12) C038	Acrylonitrile	6.94	53	774909	670.76	ng	97
13) C035	Acetone	6.11	43	689048	573.94	ng	98
14) C300	Acetonitrile	6.46	41	2036668	5087.51	ng	95
15) C276	Iodomethane	6.34	142	393106	100.35	ng	# 86
16) C291	1,1,2 Trichloro-1,2,	6.09	101	314786	122.10	ng	91
17) C962	T-butyl Methyl Ether	6.99	73	1156571	127.65	ng	92
18) C057	trans-1,2-Dichloroet	7.02	96	299952	119.05	ng	99
19) C255	Methyl Acetate	6.50	43	433148	112.92	ng	95
20) C050	1,1-Dichloroethane	7.52	63	584480	114.57	ng	97
21) C125	Vinyl Acetate	7.49	43	2923125	638.32	ng	98
22) C051	2,2-Dichloropropane	8.23	77	515336	115.91	ng	96
23) C056	cis-1,2-Dichloroethe	8.20	96	318432	119.32	ng	96
24) C272	Tetrahydrofuran	8.55	42	589813	666.41	ng	# 88
25) C222	Bromochloromethane	8.50	128	149257	120.74	ng	# 84
26) C060	Chloroform	8.55	83	633533	112.22	ng	94
27) C115	1,1,1-Trichloroethan	8.84	97	567128	112.21	ng	97
28) C120	Carbon tetrachloride	9.05	117	428242	114.32	ng	100
29) C116	1,1-Dichloropropene	9.02	75	438947	118.39	ng	98
32) C165	Benzene	9.28	78	1189047	121.32	ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 08 19:48:12 2008 Quant Results File: A8I0000663.RES

Quant Method : C:\MSDCHEM\1...\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Initial Calibration
DataAcq Meth : VOA

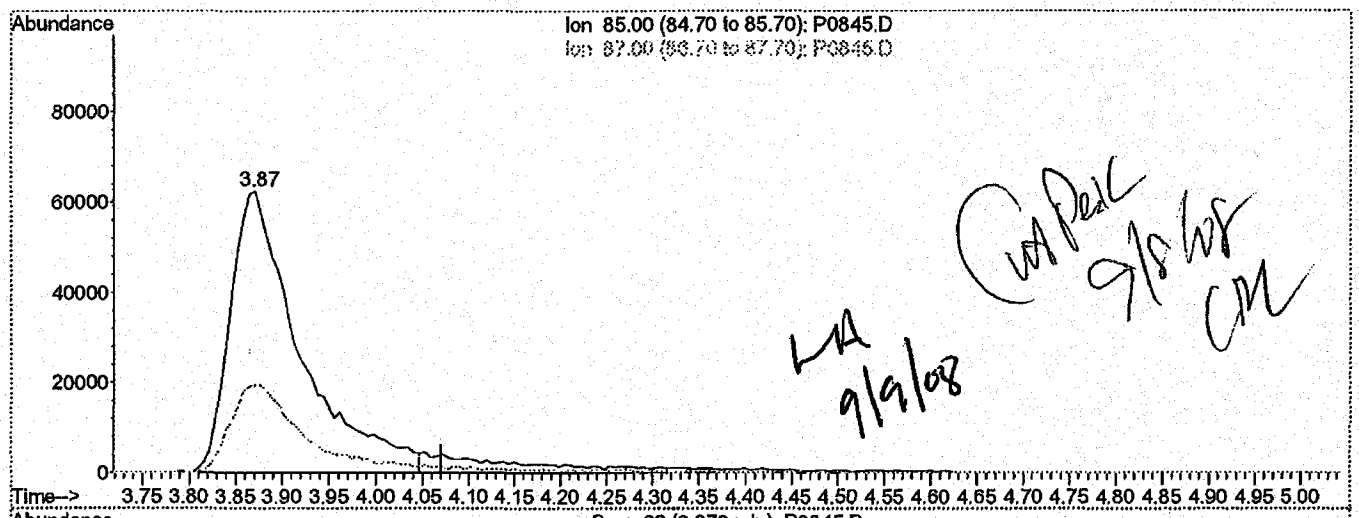
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	553012	104.36	ng		96
34)	C110	2-Butanone	8.15	43	956411	624.26	ng		98
35)	C256	Cyclohexane	8.94	56	474173	128.52	ng		95
36)	C150	Trichloroethene	10.04	95	320754	117.59	ng		98
37)	C140	1,2-Dichloropropane	10.33	63	301198	121.94	ng		94
38)	C278	Dibromomethane	10.48	93	216078	115.64	ng		96
39)	C130	Bromodichloromethane	10.63	83	449910	115.28	ng		98
40)	C161	2-Chloroethylvinyl E	10.92	63	1137835	616.13	ng	#	82
41)	C012	Methylcycolhexane	10.33	83	421865	128.86	ng	#	81
42)	C145	cis-1,3-Dichloroprop	11.18	75	494770	125.41	ng		98
45)	C230	Toluene	11.66	92	696012	121.30	ng		99
46)	C170	trans-1,3-Dichloropr	11.87	75	483335	121.43	ng		90
47)	C284	Ethyl Methacrylate	11.90	69	453294	125.82	ng	#	69
48)	C160	1,1,2-Trichloroethan	12.14	83	246450	124.66	ng		90
49)	C210	4-Methyl-2-pentanone	11.31	43	1951391	649.38	ng	#	82
50)	C220	Tetrachloroethene	12.41	166	261274	120.53	ng		94
51)	C221	1,3-Dichloropropane	12.38	76	503293	119.30	ng		96
52)	C155	Dibromochloromethane	12.72	129	275310	117.13	ng		97
53)	C163	1,2-Dibromoethane	12.93	107	300150	118.03	ng		96
54)	C215	2-Hexanone	12.39	43	1374764	652.98	ng		97
55)	C235	Chlorobenzene	13.58	112	762240	119.03	ng		98
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	283160	119.43	ng		93
57)	C240	Ethylbenzene	13.68	91	1376407	119.62	ng		99
58)	C246	m,p-Xylene	13.84	106	957295	241.56	ng	#	85
59)	C247	o-Xylene	14.42	106	501682	124.78	ng		89
60)	C245	Styrene	14.43	104	822850	127.18	ng		80
63)	C180	Bromoform	14.75	173	199412	112.33	ng		99
64)	C966	Isopropylbenzene	14.93	105	1212373	116.29	ng		98
65)	C301	Bromobenzene	15.45	156	344433	120.91	ng		95
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	483089	127.31	ng		93
67)	C282	1,2,3-Trichloropropa	15.42	110	130467	107.28	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	434108	534.27	ng	#	53
69)	C302	n-Propylbenzene	15.53	91	1576910	121.74	ng		96
70)	C303	2-Chlorotoluene	15.71	126	307297	125.28	ng		100
71)	C289	4-Chlorotoluene	15.86	126	308333	123.49	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	1157821	123.18	ng	#	57
73)	C306	tert-Butylbenzene	16.27	134	205052	131.30	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	1213019	125.38	ng		94
75)	C308	sec-Butylbenzene	16.59	105	1309499	133.87	ng		100
76)	C260	1,3-Dichlorobenzene	16.82	146	622246	119.65	ng		97
77)	C309	4-Isopropyltoluene	16.79	119	1059042	122.33	ng		95
78)	C267	1,4-Dichlorobenzene	16.94	146	651561	118.01	ng		99
79)	C249	1,2-Dichlorobenzene	17.53	146	665047	121.60	ng		98
80)	C310	n-Butylbenzene	17.41	91	1043445	123.27	ng		98
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	127298	115.34	ng		96
82)	C313	1,2,4-Trichlorobenze	19.95	180	492293	122.57	ng		96
83)	C316	Hexachlorobutadiene	20.17	225	198147	111.62	ng		93
84)	C314	Naphthalene	20.36	128	1578444	130.03	ng		98
85)	C934	1,2,3-Trichlorobenze	20.74	180	476471	123.04	ng		96

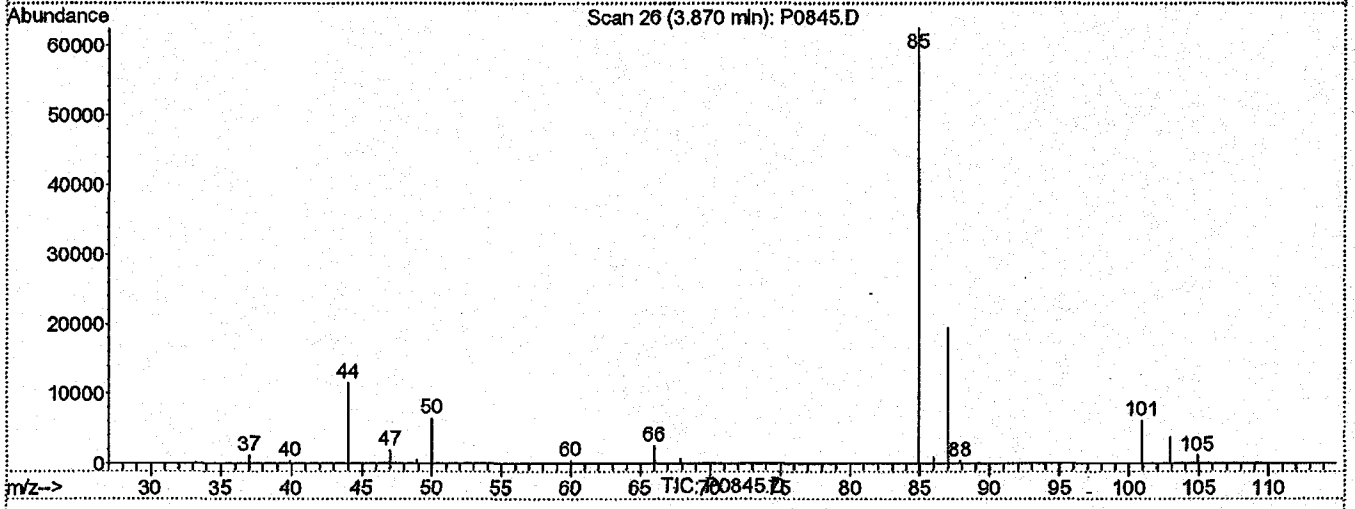
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:47 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 106.07ng

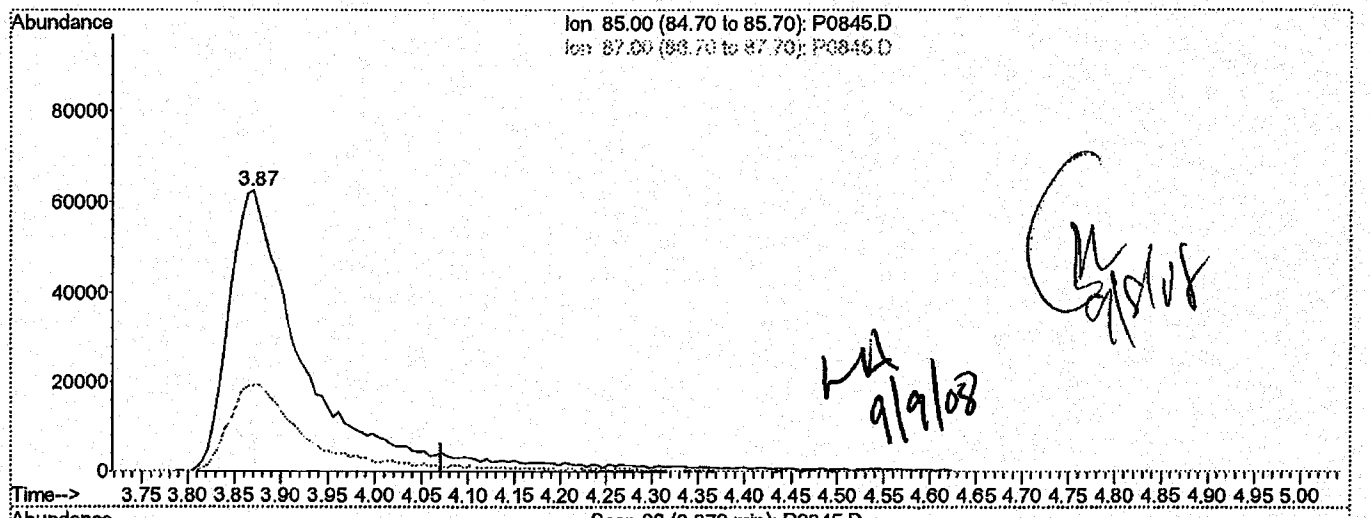
response 324890

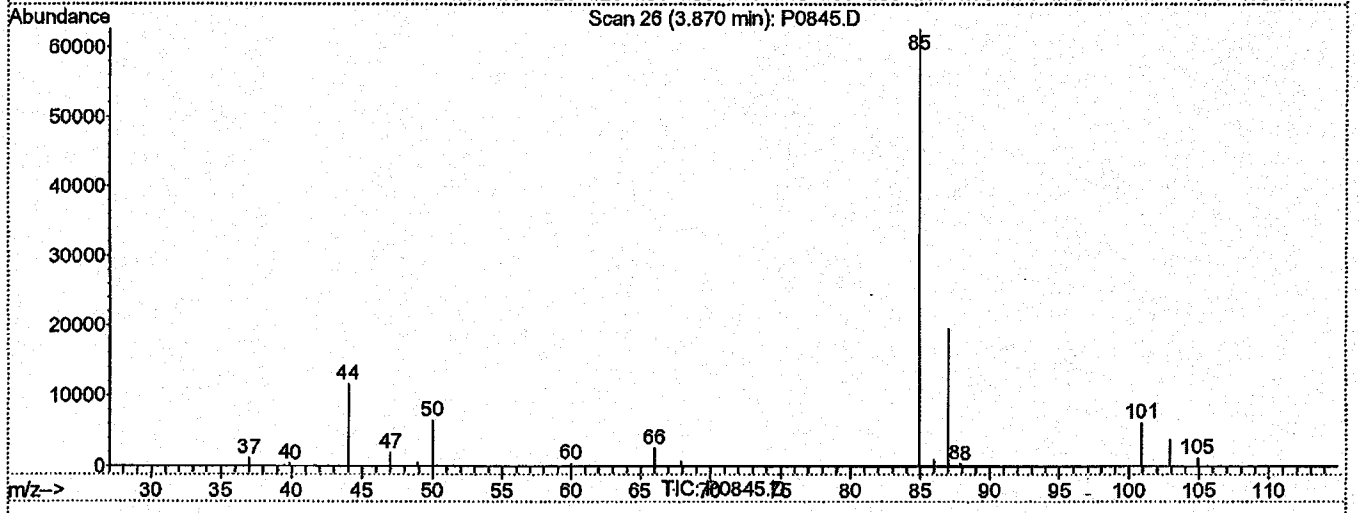
Ion	Exp%	Act%
85.00	100	100
87.00	31.20	31.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:47 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Multiple Level Calibration





(2) C290 Dichlorodifluoromethane (T)

3.87min 115.77ng m

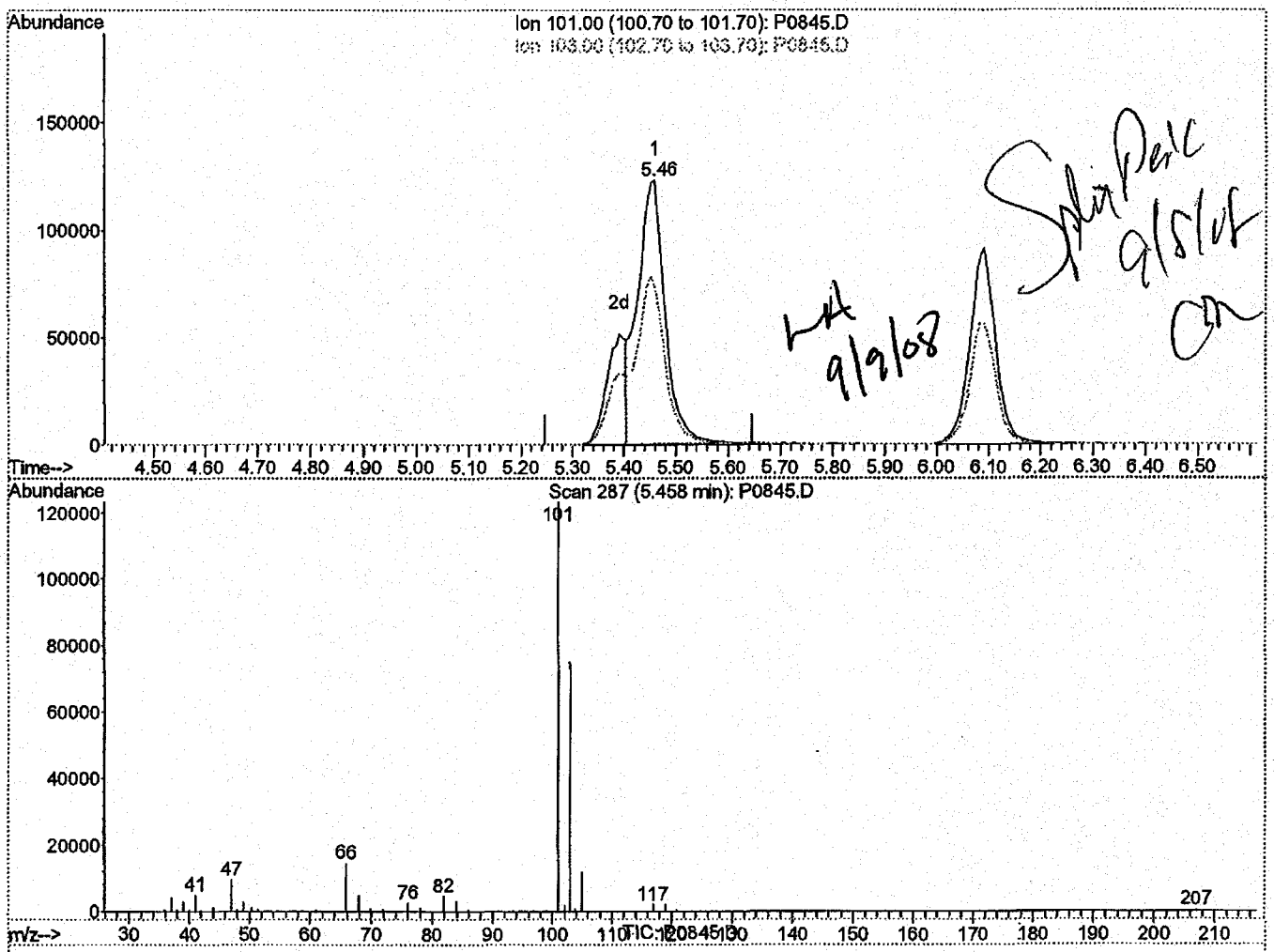
response 354588

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	31.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:47 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Multiple Level Calibration



Split Peak 9/5/08 CM

LH 9/9/08

(7) C275 Trichlorofluoromethane (T)

5.46min 80.75ng

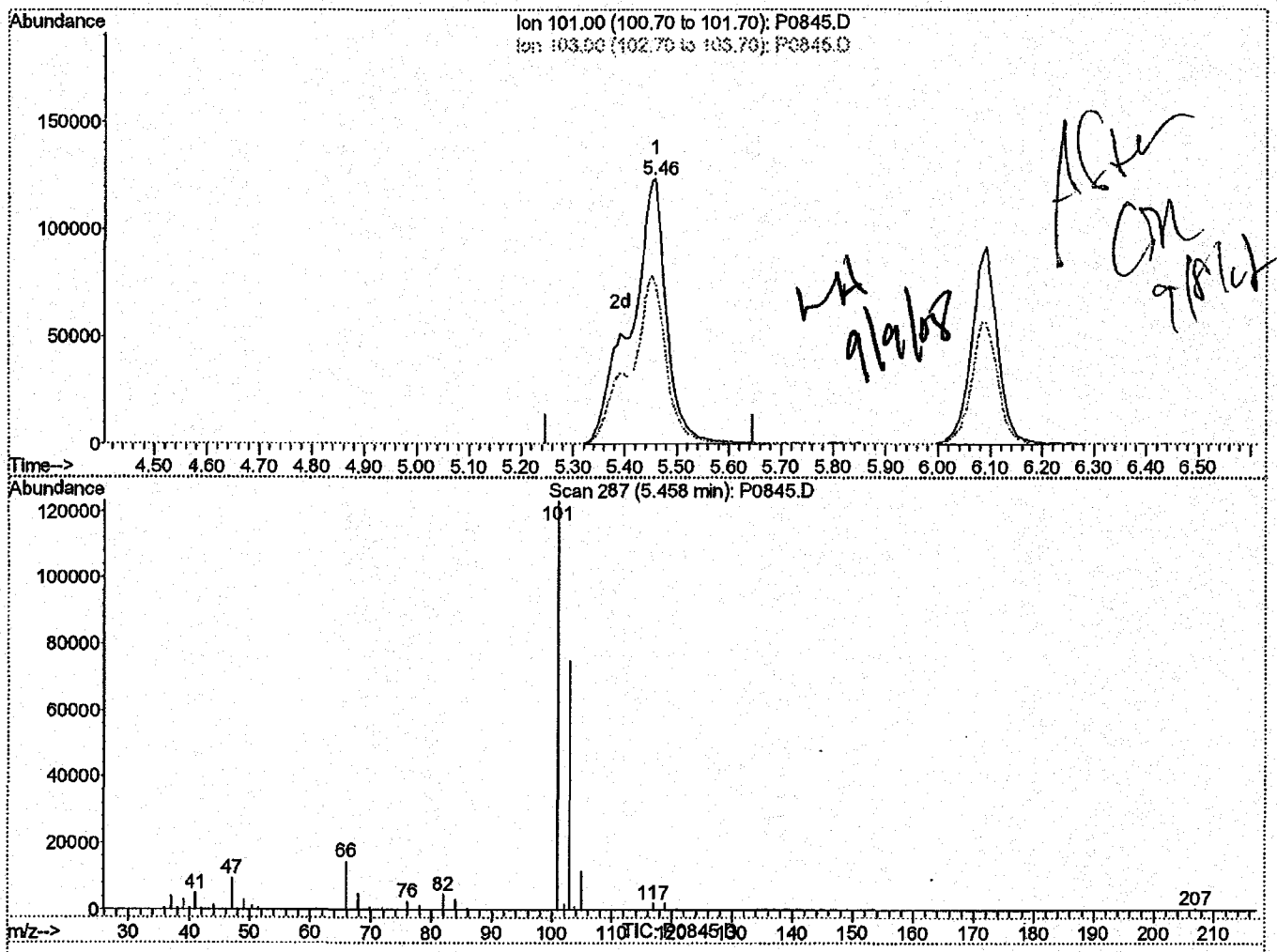
response 450560

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\090808\P0845.D Vial: 3
Acq On : 8 Sep 2008 18:30 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 8 19:47 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000663.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Sep 08 19:46:43 2008
Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.46min 106.10ng m

response 591995

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.80
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2207901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0842.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	150	
71-43-2	Benzene	26	
75-27-4	Bromodichloromethane	29	
75-25-2	Bromoform	27	
74-83-9	Bromomethane	30	
78-93-3	2-Butanone	140	
75-15-0	Carbon Disulfide	30	
56-23-5	Carbon Tetrachloride	27	
108-90-7	Chlorobenzene	26	
75-00-3	Chloroethane	30	
67-66-3	Chloroform	27	
74-87-3	Chloromethane	28	
110-82-7	Cyclohexane	28	
106-93-4	1,2-Dibromoethane	28	
124-48-1	Dibromochloromethane	26	
96-12-8	1,2-Dibromo-3-chloropropane	26	
95-50-1	1,2-Dichlorobenzene	27	
541-73-1	1,3-Dichlorobenzene	27	
106-46-7	1,4-Dichlorobenzene	26	
75-71-8	Dichlorodifluoromethane	41	
75-34-3	1,1-Dichloroethane	27	
107-06-2	1,2-Dichloroethane	27	
75-35-4	1,1-Dichloroethene	30	
156-59-2	cis-1,2-Dichloroethene	27	
156-60-5	trans-1,2-Dichloroethene	27	
78-87-5	1,2-Dichloropropane	26	
10061-01-5	cis-1,3-Dichloropropene	29	
10061-02-6	trans-1,3-Dichloropropene	30	
100-41-4	Ethylbenzene	27	
591-78-6	2-Hexanone	140	
98-82-8	Isopropylbenzene	26	
79-20-9	Methyl acetate	26	
108-87-2	Methylcyclohexane	28	
75-09-2	Methylene chloride	29	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB27

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2207901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N0842.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/09/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

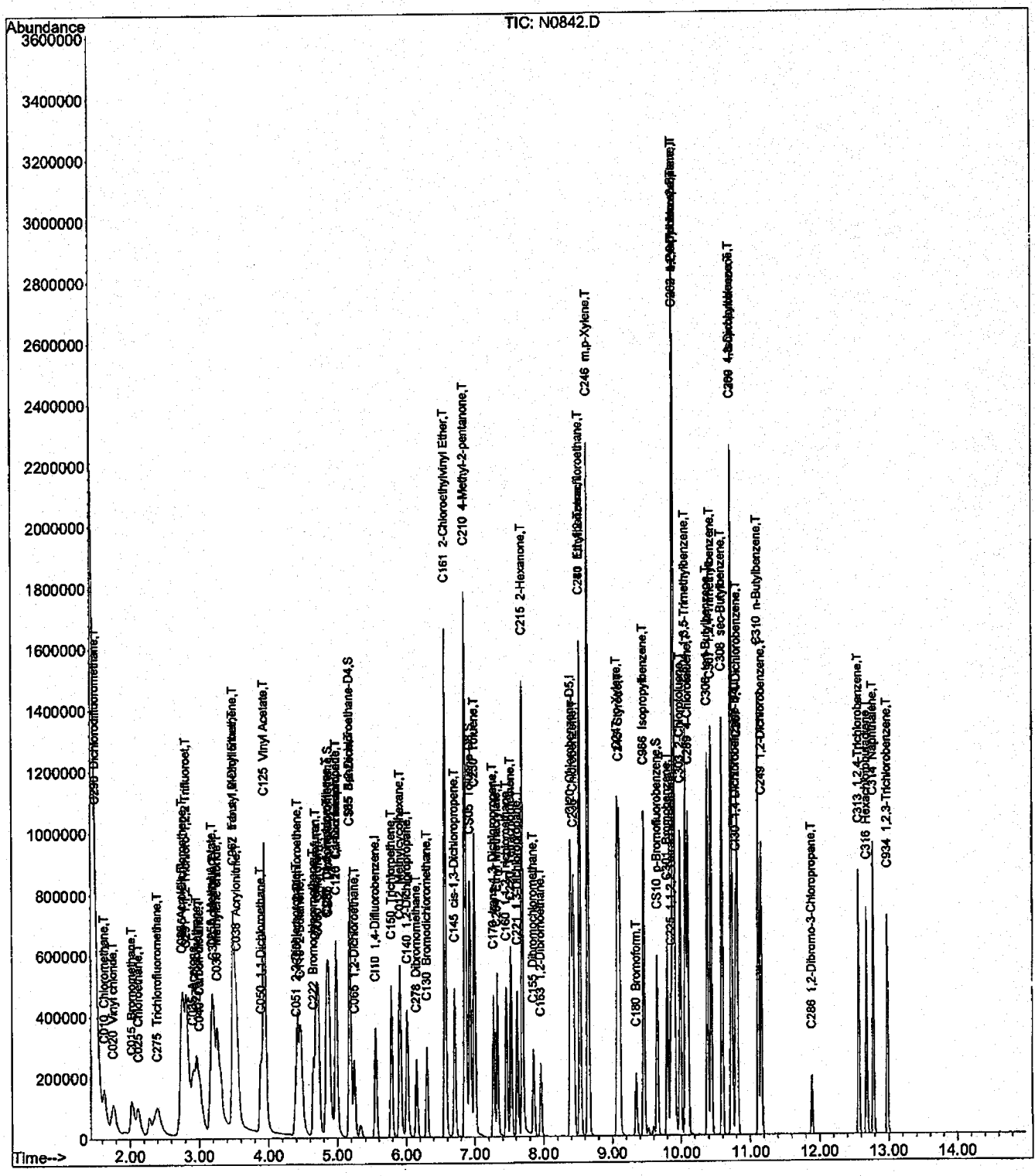
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	140	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	30	
100-42-5	Styrene	27	
79-34-5	1,1,2,2-Tetrachloroethane	29	
127-18-4	Tetrachloroethene	27	
108-88-3	Toluene	26	
120-82-1	1,2,4-Trichlorobenzene	27	
71-55-6	1,1,1-Trichloroethane	30	
79-00-5	1,1,2-Trichloroethane	27	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	29	
75-69-4	Trichlorofluoromethane	30	
79-01-6	Trichloroethene	28	
75-01-4	Vinyl chloride	29	
1330-20-7	Total Xylenes	81	

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Quant Time: Sep 09 10:08:34 2008 Results File: A8I0000...-6PT.RES
Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0842.D Vial: 3
Acq On : 9 Sep 2008 9:45 Operator: RJ
Sample : MSB / SSCAL Inst : HP5973 N
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:08:34 2008 Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	5.55	114	323799	125.00	ng		0.00 105.07%
43)	CI20 Chlorobenzene-D5	8.41	117	306000	125.00	ng		0.00 107.29%
62)	CI30 1,4-Dichlorobenzene-	10.79	152	164487	125.00	ng		0.00 102.82%
	System Monitoring Compounds							
30)	CS87 Dibromofluoromethane	4.88	111	138409	136.05	ng		0.00
	Spiked Amount 125.000 Range 70 - 130			Recovery = 108.84%				
31)	CS15 1,2-Dichloroethane-D	5.18	65	168760	130.88	ng		0.00
	Spiked Amount 125.000 Range 66 - 137			Recovery = 104.70%				
44)	CS05 Toluene-D8	6.93	98	566059	131.05	ng		0.00
	Spiked Amount 125.000 Range 71 - 126			Recovery = 104.84%				
61)	CS10 p-Bromofluorobenzene	9.65	174	171652	129.69	ng		0.00
	Spiked Amount 125.000 Range 73 - 120			Recovery = 103.75%				
	Target Compounds							Qvalue
2)	C290 Dichlorodifluorometh	1.51	85	151387	205.56	ng		87
3)	C010 Chloromethane	1.64	50	205948	141.59	ng		98
4)	C020 Vinyl chloride	1.76	62	212942	145.01	ng		89
5)	C015 Bromomethane	2.03	94	167974	151.04	ng		98
6)	C025 Chloroethane	2.12	64	158011	150.03	ng		92
7)	C275 Trichlorofluorometha	2.40	101	353977m	148.47	ng		87
8)	C045 1,1-Dichloroethene	2.77	96	221940m	149.83	ng	#	86
9)	C030 Methylene chloride	3.26	84	233790	145.74	ng		98
10)	C040 Carbon disulfide	3.01	76	641766m	148.22	ng		100
11)	C036 Acrolein	2.75	56	711078	2195.83	ng		100
12)	C038 Acrylonitrile	3.55	53	482373	739.09	ng		98
13)	C035 Acetone	2.91	43	471191	766.63	ng		95
14)	C300 Acetonitrile	3.21	41	1091883	6185.24	ng		100
15)	C276 Iodomethane	2.97	142	300613m	110.02	ng	#	93
16)	C291 1,1,2 Trichloro-1,2,	2.82	101	215416	143.19	ng		91
17)	C962 T-butyl Methyl Ether	3.50	73	622830	149.66	ng	#	86
18)	C057 trans-1,2-Dichloroet	3.49	96	203235	135.81	ng	#	83
19)	C255 Methyl Acetate	3.19	43	448024	130.87	ng	#	87
20)	C050 1,1-Dichloroethane	3.89	63	290312	135.84	ng		98
21)	C125 Vinyl Acetate	3.94	43	2074118	699.75	ng	#	94
22)	C051 2,2-Dichloropropane	4.40	77	197751	157.60	ng		97
23)	C056 cis-1,2-Dichloroethe	4.42	96	174947	134.19	ng		91
24)	C272 Tetrahydrofuran	4.69	42	454099	723.73	ng	#	80
25)	C222 Bromochloromethane	4.65	128	85622	135.86	ng	#	79
26)	C060 Chloroform	4.73	83	281472	134.20	ng		100
27)	C115 1,1,1-Trichloroethan	4.85	97	238839	147.57	ng		96
28)	C120 Carbon tetrachloride	4.98	117	191128	133.19	ng		95
29)	C116 1,1-Dichloropropene	4.99	75	232283	140.83	ng		97
32)	C165 Benzene	5.18	78	681776	131.80	ng		98
33)	C065 1,2-Dichloroethane	5.25	62	236020	135.92	ng		93
34)	C110 2-Butanone	4.47	43	653624	705.81	ng		94
35)	C256 Cyclohexane	4.85	56	292354	142.07	ng		98
36)	C150 Trichloroethene	5.78	95	172891	138.26	ng	#	79
37)	C140 1,2-Dichloropropane	6.02	63	164693	132.31	ng		85
38)	C278 Dibromomethane	6.15	93	106797	136.35	ng		96

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:08:34 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00
Results File: A8I0000...-6PT.RES

Quant Method : C:\MSDCHEM\2...\A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\2\DATA\090908\N0841.D (9 Sep 2008 9:08)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.30	83	200391	147.33	ng		97
40) C161	2-Chloroethylvinyl E	6.58	63	716801	647.94	ng		94
41) C012	Methylcycolhexane	5.91	83	279200	138.61	ng		94
42) C145	cis-1,3-Dichloroprop	6.71	75	268478	146.65	ng		94
45) C230	Toluene	7.00	92	437913	131.25	ng		94
46) C170	trans-1,3-Dichloropr	7.27	75	252887	147.70	ng		90
47) C284	Ethyl Methacrylate	7.32	69	284676	143.11	ng		93
48) C160	1,1,2-Trichloroethan	7.46	83	135560	137.48	ng		92
49) C210	4-Methyl-2-pentanone	6.86	43	1394932	687.57	ng	#	93
50) C220	Tetrachloroethene	7.53	166	187683	136.53	ng		92
51) C221	1,3-Dichloropropane	7.62	76	286098	134.26	ng		97
52) C155	Dibromochloromethane	7.85	129	154664	130.60	ng		100
53) C163	1,2-Dibromoethane	7.96	107	175218	141.12	ng		98
54) C215	2-Hexanone	7.70	43	1074424	687.68	ng		97
55) C235	Chlorobenzene	8.44	112	478618	129.56	ng		87
56) C281	1,1,1,2-Tetrachloroe	8.53	131	154151	127.02	ng		91
57) C240	Ethylbenzene	8.53	91	859515	135.65	ng		96
58) C246	m,p-Xylene	8.65	106	689138	267.46	ng	#	84
59) C247	o-Xylene	9.08	106	321806	136.53	ng	#	77
60) C245	Styrene	9.11	104	545025	137.00	ng		93
63) C180	Bromoform	9.35	173	101589	133.53	ng		97
64) C966	Isopropylbenzene	9.46	105	743460	129.66	ng		94
65) C301	Bromobenzene	9.81	156	204697	139.06	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	9.85	83	238549	143.39	ng		99
67) C282	1,2,3-Trichloropropa	9.89	110	80622	130.12	ng		100
68) C283	t-1,4-Dichloro-2-But	9.90	51	202313	648.95	ng	#	83
69) C302	n-Propylbenzene	9.89	91	1126784	141.99	ng		92
70) C303	2-Chlorotoluene	9.99	126	192850	139.38	ng		100
71) C289	4-Chlorotoluene	10.10	126	201104	137.46	ng		100
72) C304	1,3,5-Trimethylbenze	10.07	105	683653	141.10	ng	#	47
73) C306	tert-Butylbenzene	10.38	134	146781	140.53	ng		100
74) C307	1,2,4-Trimethylbenze	10.44	105	693242	141.23	ng		94
75) C308	sec-Butylbenzene	10.60	105	897270	153.42	ng		91
76) C260	1,3-Dichlorobenzene	10.73	146	422299	136.45	ng		96
77) C309	4-Isopropyltoluene	10.74	119	781678	140.79	ng		95
78) C267	1,4-Dichlorobenzene	10.82	146	425785	131.02	ng		96
79) C249	1,2-Dichlorobenzene	11.17	146	380335	133.29	ng		95
80) C310	n-Butylbenzene	11.12	91	711615	144.14	ng		91
81) C286	1,2-Dibromo-3-Chloro	11.89	75	40945	128.36	ng		83
82) C313	1,2,4-Trichlorobenze	12.57	180	229157	135.20	ng		95
83) C316	Hexachlorobutadiene	12.69	225	122054	134.89	ng		94
84) C314	Naphthalene	12.79	128	644225	133.68	ng		100
85) C934	1,2,3-Trichlorobenze	12.99	180	191088	126.94	ng		99

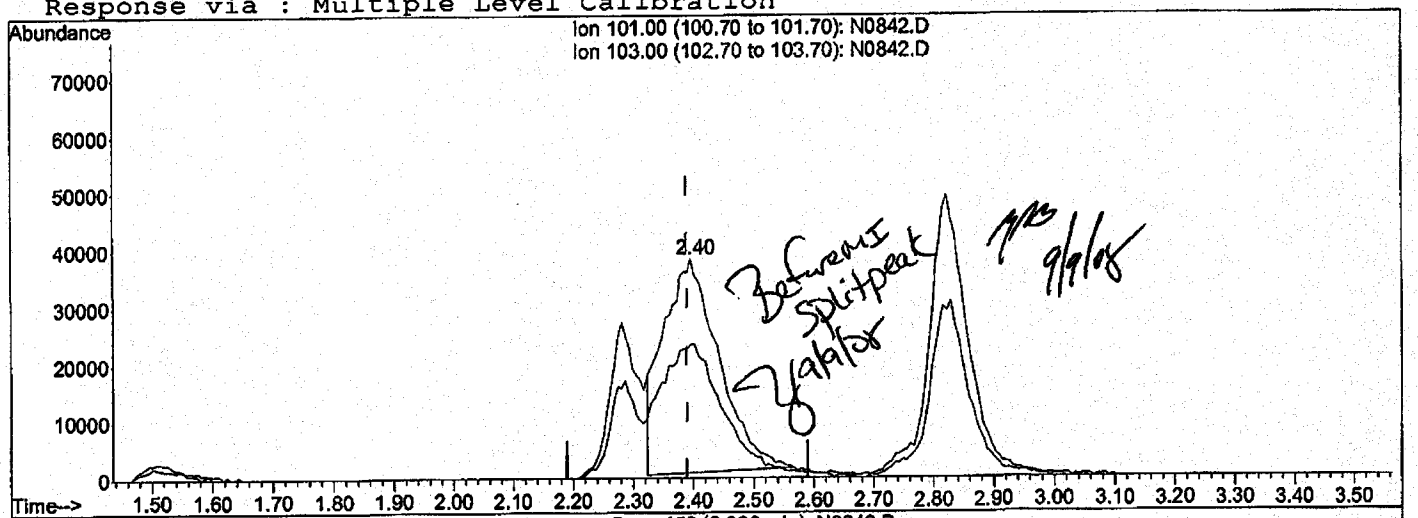
(#) = qualifier out of range (m) = manual integration (+) = signals summed

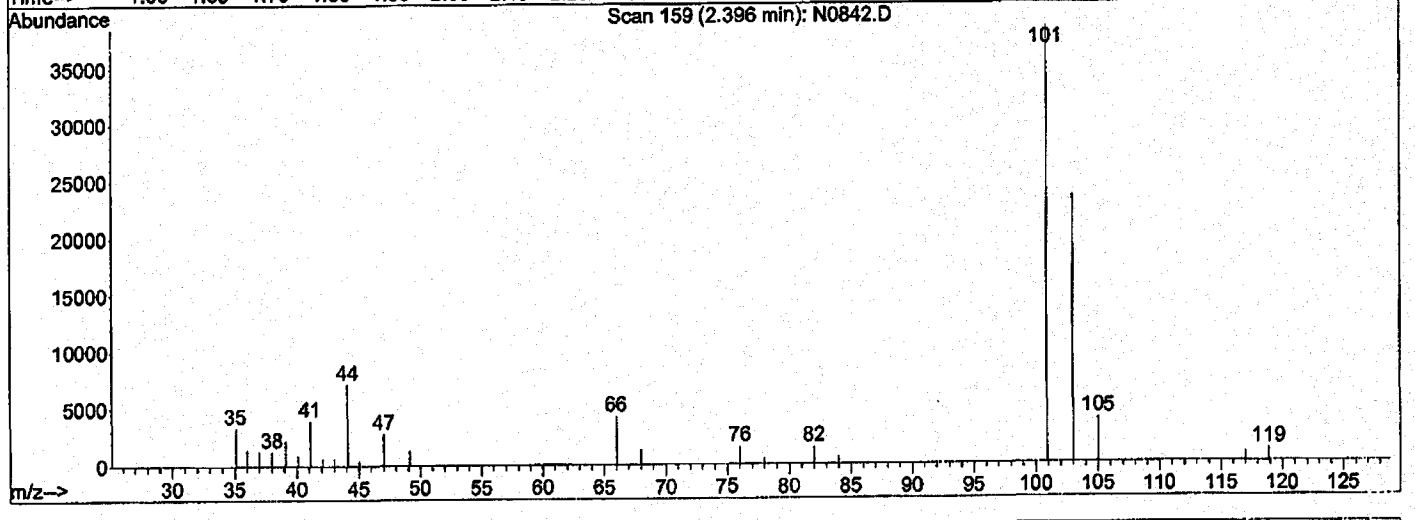
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(7) C275 Trichlorofluoromethane (T)

2.40min (+0.007) 101.46ng

response 241902

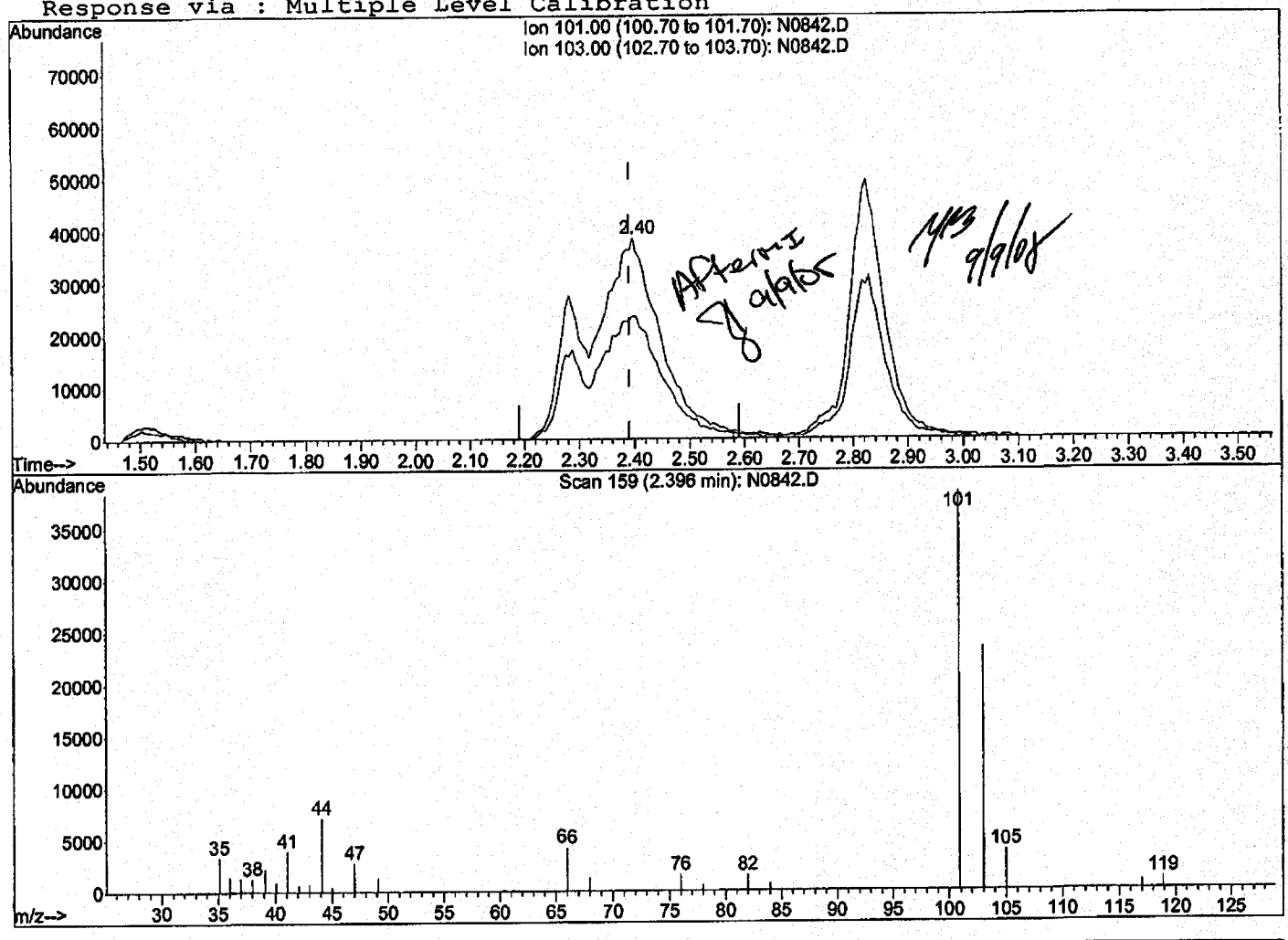
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	61.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(7) C275 Trichlorofluoromethane (T)

2.40min (+0.007) 148.47ng m

response 353977

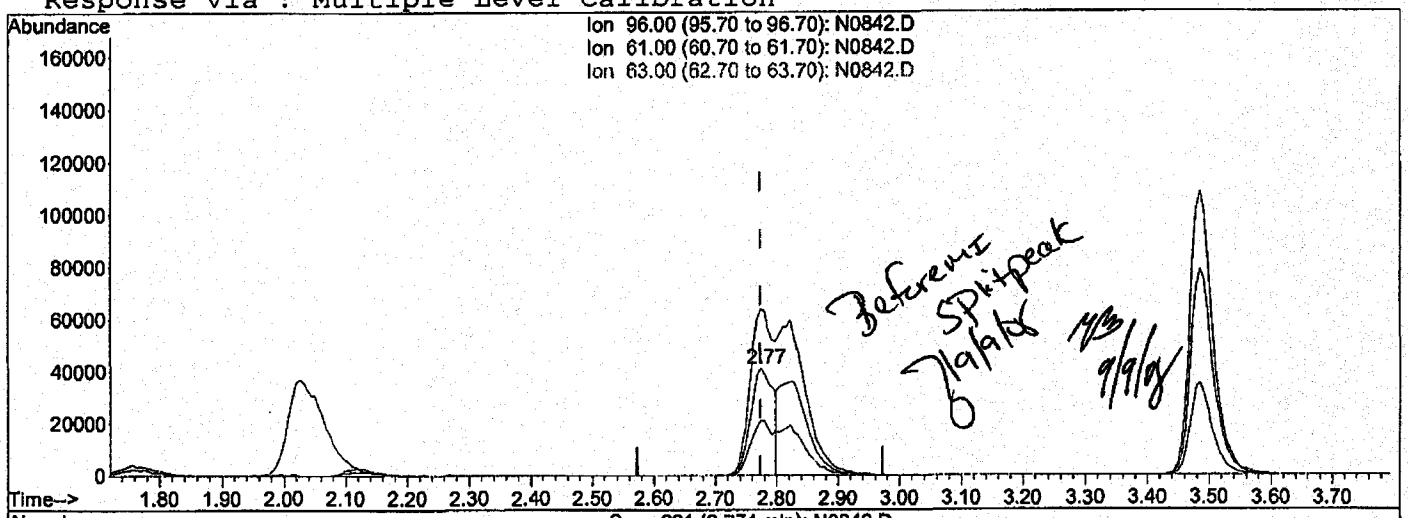
Ion	Exp%	Act%
101.00	100	100
103.00	52.20	61.02
0.00	0.00	0.00
0.00	0.00	0.00

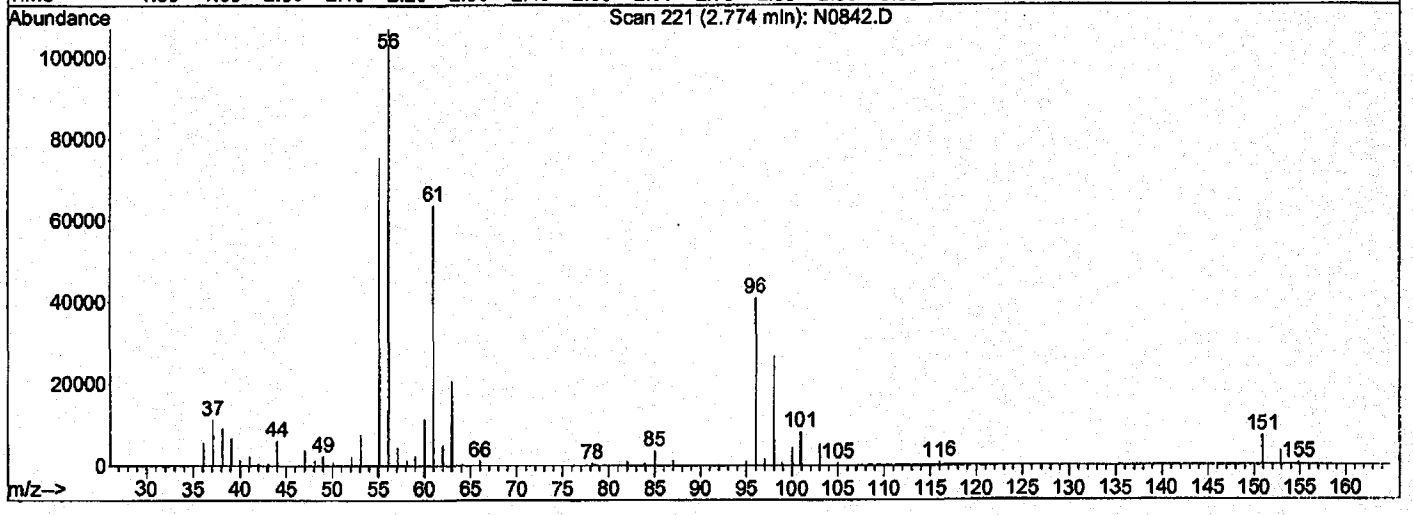
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(8) C045 1,1-Dichloroethene (T)

2.77min (+0.001) 71.12ng

response 105355

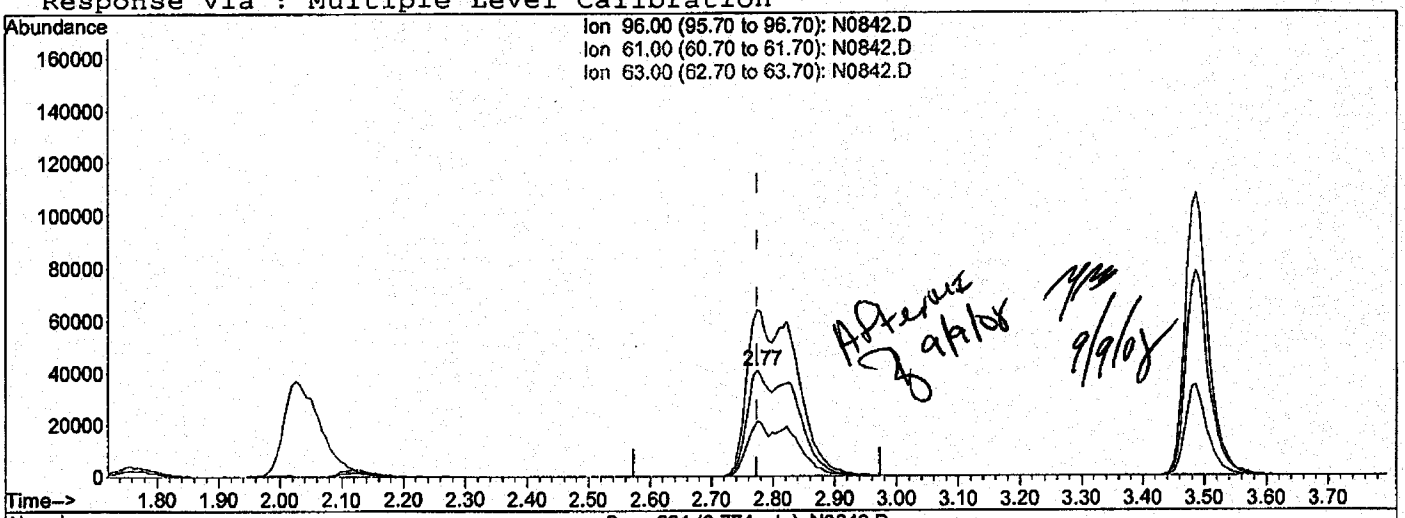
Ion	Exp%	Act%
96.00	100	100
61.00	179.00	155.69#
63.00	55.20	51.15
0.00	0.00	0.00

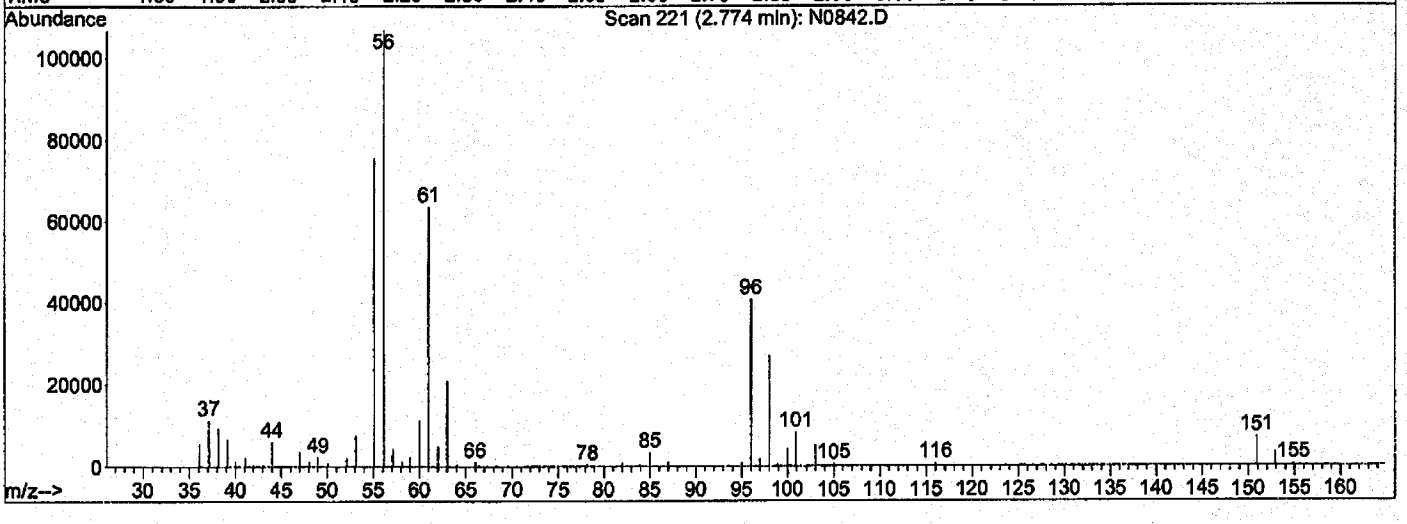
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(8) C045 1,1-Dichloroethene (T)

2.77min (+0.001) 149.83ng m

response 221940

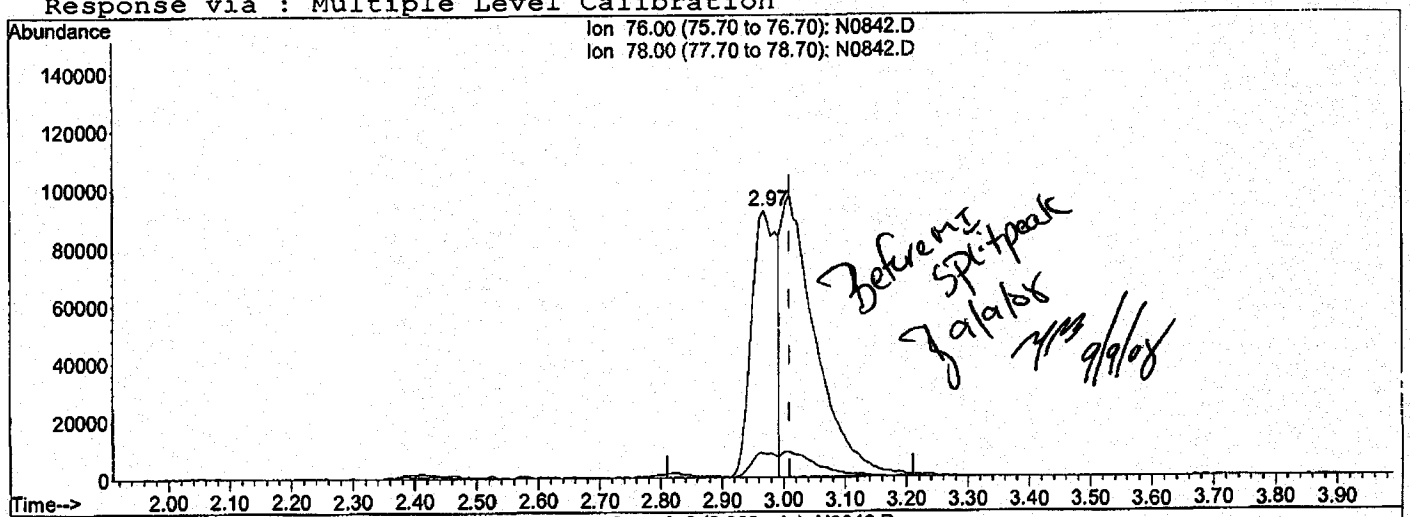
Ion	Exp%	Act%
96.00	100	100
61.00	179.00	155.69#
63.00	55.20	51.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



Before split peak 9/9/08 9/9/08

TIC: N0842.D

(10) C040 Carbon disulfide (T)

2.97min (-0.042) 61.19ng

response 264924

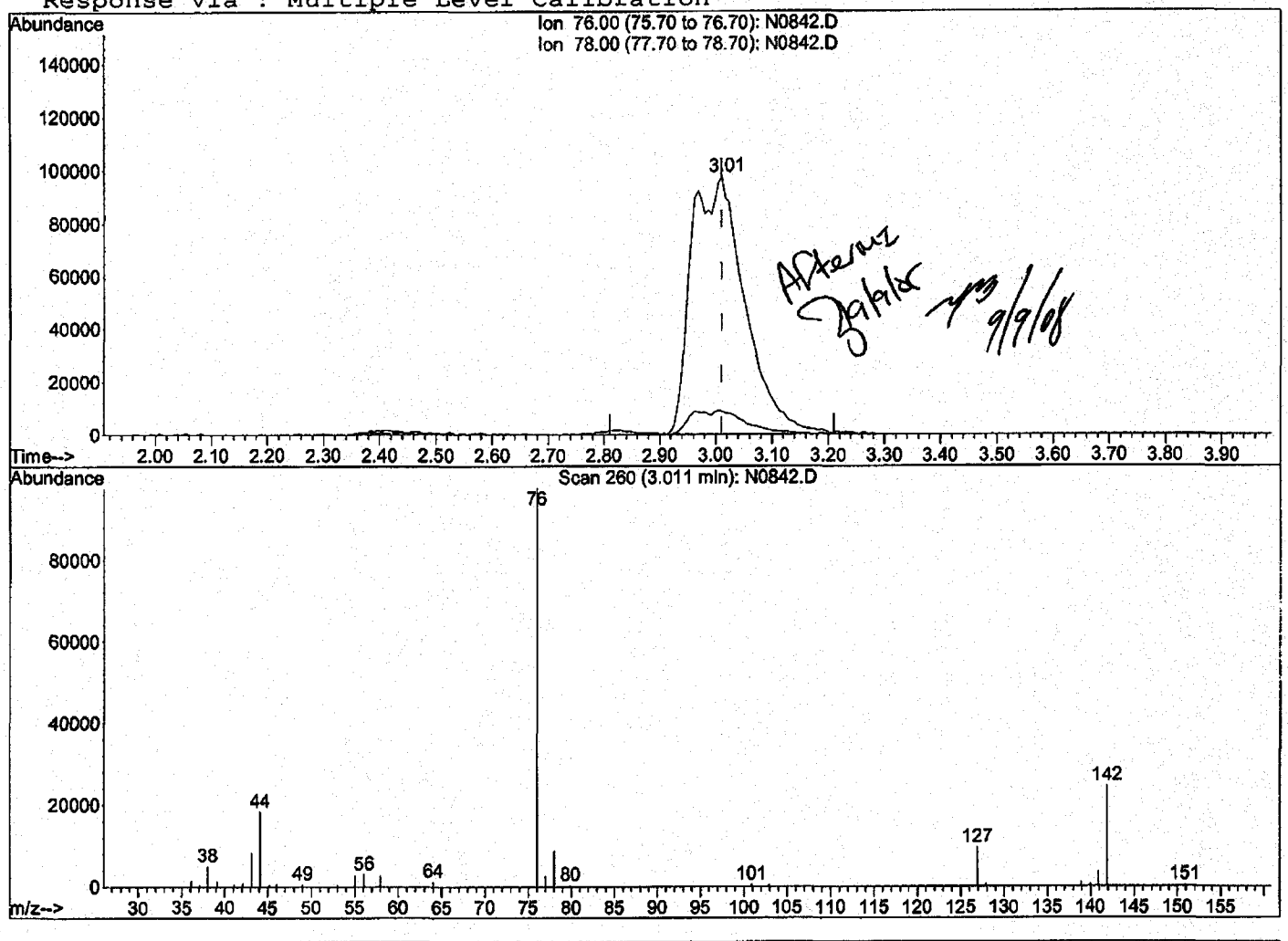
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	9.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



TIC: N0842.D

(10) C040 Carbon disulfide (T)

3.01min (+0.001) 148.22ng m

response 641766

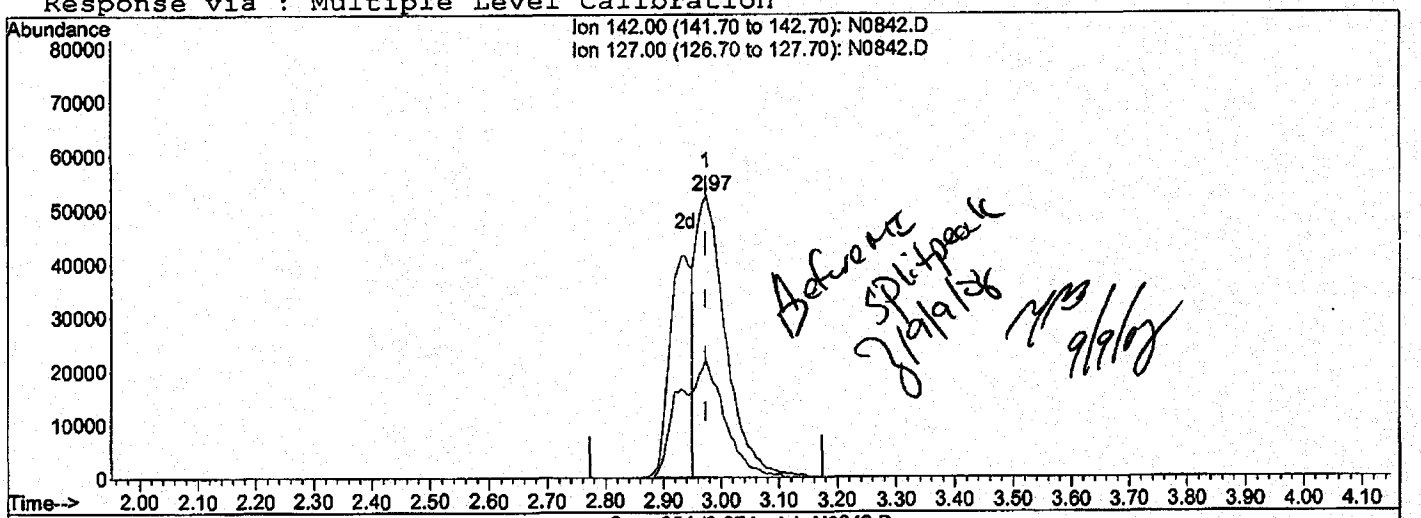
Ion	Exp%	Act%
76.00	100	100
78.00	9.20	8.97
0.00	0.00	0.00
0.00	0.00	0.00

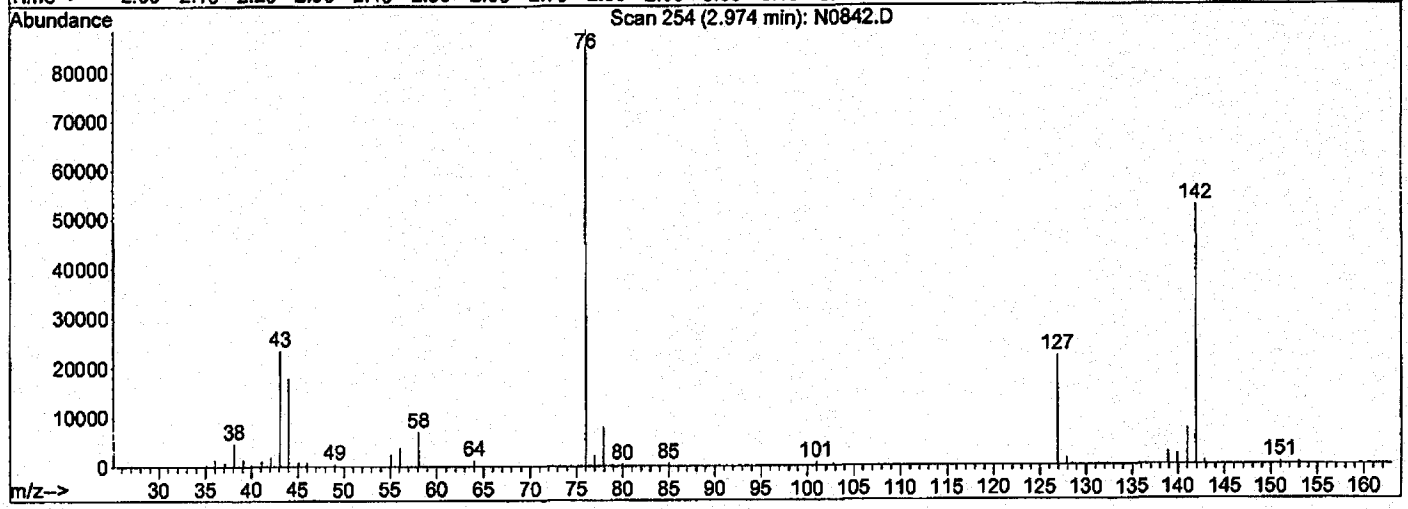
Quantitation Report (Qedit)

Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration





TIC: N0842.D

(15) C276 Iodomethane (T)

2.97min (+0.001) 69.00ng

response 188521

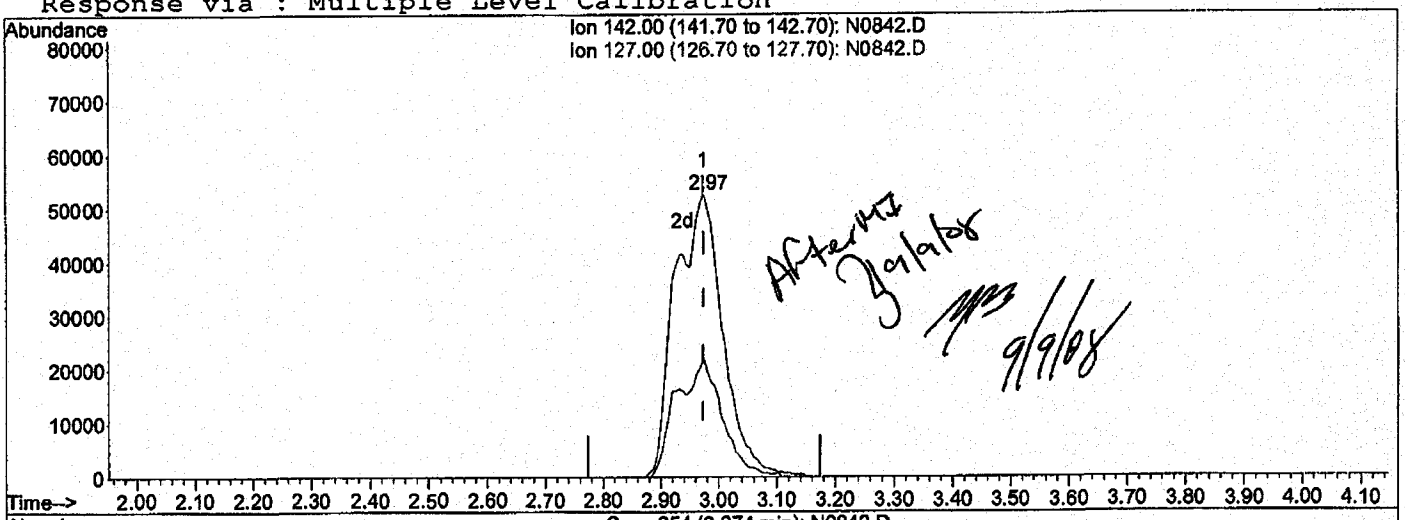
Ion	Exp%	Act%
142.00	100	100
127.00	44.80	39.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

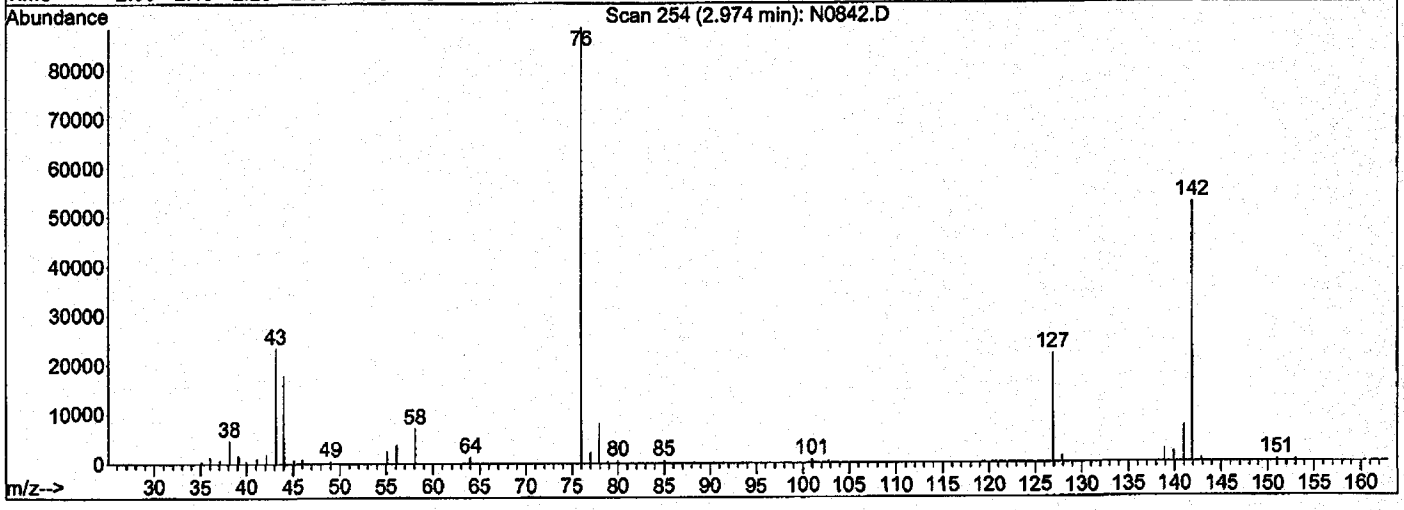
Data File : C:\MSDChem\2\DATA\090908\N0842.D
Acq On : 9 Sep 2008 9:45
Sample : MSB / SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 09 10:07:37 2008

Vial: 3
Operator: RJ
Inst : HP5973 N
Multiplr: 1.00

Method : C:\MSDCHEM\2\DAT...A8I0000654-6PT.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Sep 09 09:27:47 2008
Response via : Multiple Level Calibration



After MT 9/9/08



TIC: N0842.D

(15) C276 Iodomethane (T)

2.97min (+0.001) 110.02ng m

response 300613

Ion	Exp%	Act%
142.00	100	100
127.00	44.80	25.03#
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801MS

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F4268.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	10	BJ
71-43-2	Benzene	39	
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	41	
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	50	
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	14	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801MS

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F4268.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

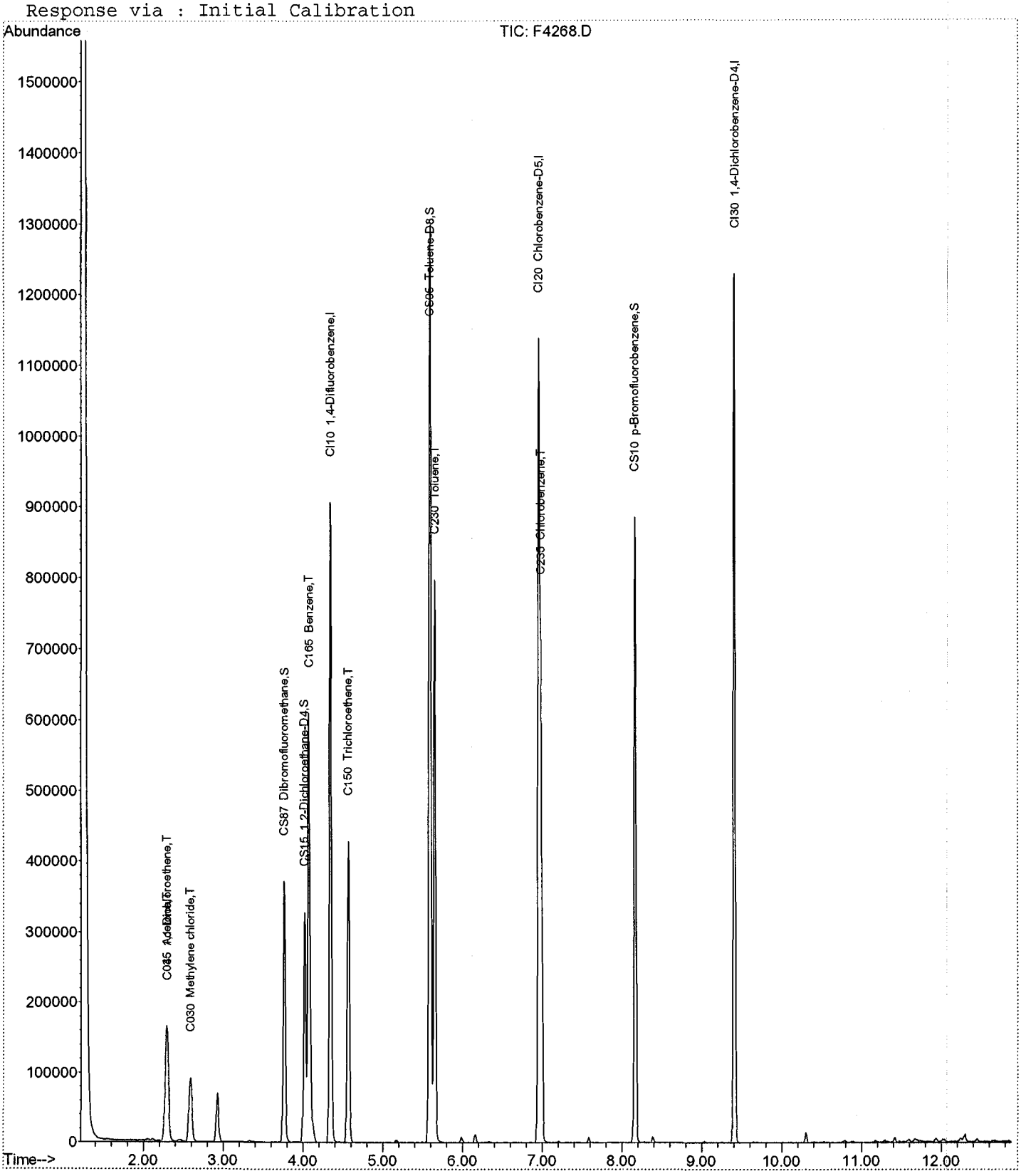
GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	38	B
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	38	
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Data File : H:\GCMS_VOA\F\090408\F4268.D Vial: 17
Acq On : 4 Sep 2008 17:34 Operator: LH
Sample : A8A71801MS 5.04 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 18:25 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 18:25:22 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4268.D Vial: 17
Acq On : 4 Sep 2008 17:34 Operator: LH
Sample : A8A71801MS Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 18:26:31 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 18:25:22 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090408\F4252.D (4 Sep 2008 10:48)

9/4/08
CN

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.34	114	808670	250.00	ng	0.00 98.55%
43) CI20	Chlorobenzene-D5	6.96	82	348491	250.00	ng	0.00 99.64%
63) CI30	1,4-Dichlorobenzene-	9.41	152	377261	250.00	ng	0.00 97.44%
System Monitoring Compounds							
27) CS87	Dibromofluoromethane	3.76	111	236203	261.98	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery =	104.79%		
32) CS15	1,2-Dichloroethane-D	4.02	65	220786	230.15	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery =	92.06%		
44) CS05	Toluene-D8	5.59	98	898247	276.26	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery =	110.50%		
62) CS10	p-Bromofluorobenzene	8.16	174	294317	271.43	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery =	108.57%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	1.99	101	138	N.D.		
8) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045	1,1-Dichloroethene	2.30	96	106503	225.97	ng	99
10) C030	Methylene chloride	2.59	84	62867	65.40	ng	91
11) C040	Carbon disulfide	2.45	76	7734	N.D.		
12) C036	Acrolein	0.00	56	0	N.D.		
13) C038	Acrylonitrile	0.00	53	0	N.D.		
14) C035	Acetone	2.30	43	8668	45.30	ng	100
15) C300	Acetonitrile	0.00	41	0	N.D.		
16) C276	Iodomethane	0.00	142	0	N.D.		
17) C255	Methyl Acetate	0.00	43	0	N.D.		
18) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	3.65	42	132	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.63	83	268	N.D.		
28) C256	Cyclohexane	0.00	56	0	N.D.		
29) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120	Carbon tetrachloride	0.00	117	0	N.D.		
31) C116	1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

9/9/08

Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4268.D Vial: 17
Acq On : 4 Sep 2008 17:34 Operator: LH
Sample : A8A71801MS Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 18:26:31 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 18:25:22 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	564301	177.19 ng	99
34)	C065	1,2-Dichloroethane	4.07	62	3874	N.D.	
35)	C110	2-Butanone	3.43	43	458	N.D.	
36)	C150	Trichloroethene	4.56	95	138898	172.63 ng	86
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	363862	172.82 ng	93
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.59	43	2971	N.D.	
50)	C220	Tetrachloroethene	6.16	166	3850	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	6.99	112	418378	183.06 ng	89
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	831	N.D.	
58)	C246	m,p-Xylene	7.20	106	684	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	8.34	156	1375	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.44	91	132	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.54	105	279	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.04	105	1737	N.D.	
75)	C308	sec-Butylbenzene	9.04	105	1737	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	4032	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	4032	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	10.30	75	142	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	5868	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801SD

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F4269.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
67-64-1	Acetone	9	BJ
71-43-2	Benzene	34	
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	11	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	36	
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	38	
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	11	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	14	B

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801SD

Sample wt/vol: 5.04 (g/mL) G Lab File ID: F4269.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

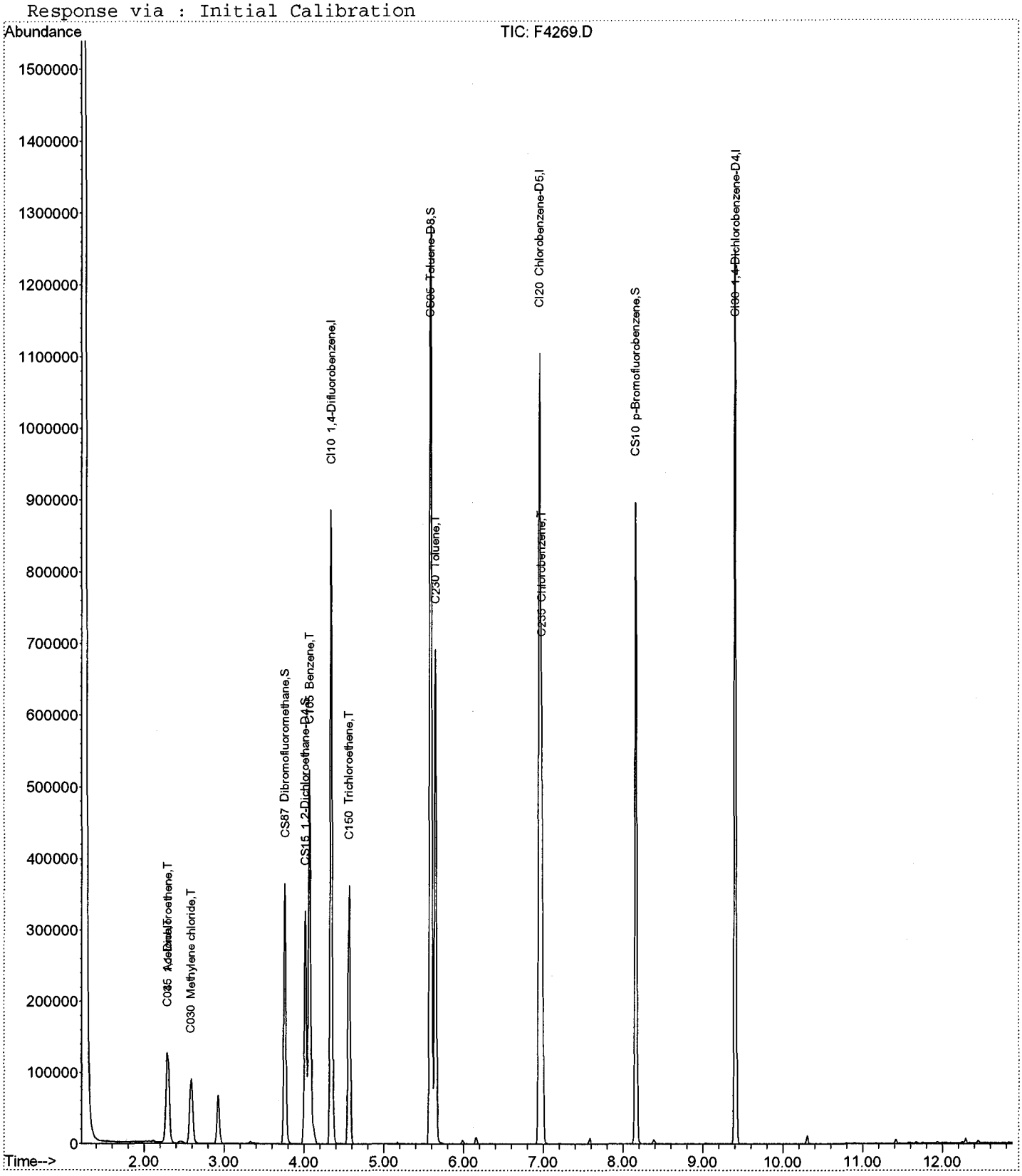
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-10-1	4-Methyl-2-pentanone	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	34	B
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	34	
75-01-4	Vinyl chloride	6	U
1330-20-7	Total Xylenes	17	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\090408\F4269.D Vial: 18
Acq On : 4 Sep 2008 17:59 Operator: LH
Sample : A8A71801SD 5.04 Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 18:25 2008 Quant Results File: A8I00000621.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 18:25:22 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4269.D Vial: 18
Acq On : 4 Sep 2008 17:59 Operator: LH
Sample : A8A71801SD Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 18:26:36 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 18:25:22 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\090408\F4252.D (4 Sep 2008 10:48)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.34	114	798041	250.00	ng	0.00 97.25%
43) CI20 Chlorobenzene-D5	6.96	82	343926	250.00	ng	0.00 98.34%
63) CI30 1,4-Dichlorobenzene-	9.41	152	379077	250.00	ng	0.00 97.91%
System Monitoring Compounds						
27) CS87 Dibromofluoromethane	3.76	111	236928	266.29	ng	0.00
Spiked Amount 250.000 Range 70 - 130 Recovery = 106.52%						
32) CS15 1,2-Dichloroethane-D	4.02	65	218856	231.17	ng	0.00
Spiked Amount 250.000 Range 64 - 126 Recovery = 92.47%						
44) CS05 Toluene-D8	5.59	98	894587	278.78	ng	0.00
Spiked Amount 250.000 Range 71 - 125 Recovery = 111.51%						
62) CS10 p-Bromofluorobenzene	8.17	174	293883	274.63	ng	0.00
Spiked Amount 250.000 Range 72 - 126 Recovery = 109.85%						
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	2.30	96	78968	169.78	ng	99
10) C030 Methylene chloride	2.59	84	59534	62.27	ng	97
11) C040 Carbon disulfide	2.45	76	7993	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.30	43	7586	40.18	ng	84
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.64	83	149	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\090408\F4269.D Vial: 18
Acq On : 4 Sep 2008 17:59 Operator: LH
Sample : A8A71801SD Inst : HP5973F
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 18:26:36 2008 Quant Results File: A8I00000621.RES

Quant Method : C:\MSDCHEM\2...\A8I00000621.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Sep 04 18:25:22 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C165	Benzene	4.07	78	484185	154.06 ng	98
34)	C065	1,2-Dichloroethane	4.07	62	3133	N.D.	
35)	C110	2-Butanone	0.00	43	0	N.D.	
36)	C150	Trichloroethene	4.56	95	120552	151.82 ng	91
37)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
38)	C012	Methylcyclohexane	0.00	83	0	N.D.	
39)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
40)	C278	Dibromomethane	0.00	93	0	N.D.	
41)	C130	Bromodichloromethane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	5.65	92	317808	152.95 ng	95
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	5.58	43	3443	N.D.	
50)	C220	Tetrachloroethene	6.16	166	3059	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	6.99	112	362841	160.87 ng	89
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	7.09	91	595	N.D.	
58)	C246	m,p-Xylene	0.00	106	0	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
61)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	8.31	156	258	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	53	0	N.D.	
69)	C302	n-Propylbenzene	8.44	91	158	N.D.	
70)	C303	O 2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	P 4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	8.56	105	322	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	9.05	105	1384	N.D.	
75)	C308	sec-Butylbenzene	9.05	105	1384	N.D.	
76)	C260	1,3-Dichlorobenzene	9.43	146	3744	N.D.	
77)	C309	p-Cymene (4-Isopropy	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	9.43	146	3744	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	11.42	128	5325	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47501		08/29/2008	SW	TCL VOAS	1.28	10.07	8.60	8.79	7.32	83.28	N
A08-A475	A8A47502		08/29/2008	SW	TCL VOAS	1.25	6.96	5.39	5.71	4.14	72.50	N
A08-A475	A8A47503		08/29/2008	SW	TCL VOAS	1.26	11.56	10.01	10.30	8.75	84.95	N
A08-A475	A8A47504		08/29/2008	SW	TCL VOAS	1.25	7.17	6.42	5.92	5.17	87.33	N
A08-A475	A8A47505		08/29/2008	SW	TCL VOAS	1.25	9.83	8.60	8.58	7.35	85.66	N
A08-A475	A8A47506		08/29/2008	SW	TCL VOAS	1.28	12.45	10.67	11.17	9.39	84.06	N
A08-A475	A8A47507		08/29/2008	SW	TCL VOAS	1.30	8.80	7.37	7.50	6.07	80.93	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A629	A8A62903		09/05/2008	JL	TCL VOAS	1.25	8.73	7.73	7.48	6.48	86.63	N
A08-A629	A8A62904		09/05/2008	JL	TCL VOAS	1.25	6.96	5.94	5.71	4.69	82.14	N
A08-A629	A8A62905		09/05/2008	JL	TCL VOAS	1.26	8.79	7.52	7.53	6.26	83.13	N

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Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A713	A8A71301		09/08/2008	SW	TCL VOAS	1.25	9.76	7.15	8.51	5.90	69.33	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A718	A8A71801		09/08/2008	SW	TCL VOAS	1.26	10.80	9.76	9.54	8.50	89.10	N
A08-A718	A8A71801MS		09/08/2008	SW	TCL VOAS	1.26	10.80	9.76	9.54	8.50	89.10	N
A08-A718	A8A71801SD		09/08/2008	SW	TCL VOAS	1.26	10.80	9.76	9.54	8.50	89.10	N

TestAmerica Buffalo

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-05-05

000008

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
J.R.	8/28/08	12:02	A506	13B	4.33										Encores
				14A	4.77										
				14B	4.68										
				15A	5.35										
				15B	5.40										
			A502	01A	6.75										
				01B	6.32										
				01MSA	6.60										
				01MSB	6.85										
				01SDA	6.39										
				01SDB	7.04										
			A460	01	5.19										
				03	5.18										
				11	5.09										
				12	5.07										
			A475	01	5.16										
				02	5.15										
				03	5.15										
				04	5.20										
				05	5.28										

Viewed By: _____ Date: _____

VOA Weight Log
Rev. 2
07/2007

100573648

TestAmerica Buffalo

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-05-05

000009

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
J.R	8/28/08		A475	06	5.27		9	9							
				07	5.19										
			A472	01	5.08					Cwool	VOC550H	100.mL			8071
				02	5.11										
				03	5.13										
				04	5.22										
				04MS	5.17								VOC 553H	100mL	
				04SD	5.01										
				VBLK	5.11										
				MSB	5.05								VOC553H		
mw	8/30/08	—	A226	03	5.05						VOC 550H	100.mL			
			A304	02	5.11										
			A399	02	5.19										
				MS	5.20								VOC 553H	100mL	
				SD	5.14										
			QC	VBLK	5.13										
				MSB	5.06								VOC 553H	100mL	
J.R.	9/2/08	J.R 9/2/08	A547	02	5.02		9								
			A533	01	5.30										
				02	5.16										

Reviewed By: _____ Date: _____

VOA Weight Log
Rev. 2
07/2007

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TestAmerica Buffalo

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-05-05

000012

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
J.R.	9/3/08		A609	01	5.17										
				02	5.23										
				03	5.13										
				06	5.20										
			A611	01	5.06										
				02	5.19										
			A629	03	5.09										
				04	5.00										
				05	5.27										
			A613	06	5.06										
				08	5.25										
				15	5.10										
			A652	01	5.28					CW001	VOC SS 0H	100ML			8021
				02	5.23										
				03	5.01										
				04	5.05										
				05	5.03										
			A613	13	5.05										
				13MS	5.11								VOC SS 3H	100ML	
				13SD	5.13										

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VOA Weight Log Rev. 2 07/2007

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TestAmerica Buffalo

VOLATILE SOIL WEIGHT LOG

000013

Logbook #: A08-05-05

	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
	9/3/08		A613	VBLK	5.04					CW001	VOC 550H	~~VOC~~ SR 9/3/08			8021
				MSB	5.12								VOC SS3H	100mL	
	9/4/08		A703	01	5.03										
				02	5.23										
			~~A704~~	~~01~~											
			A699	01	5.02										
				02	5.00										
				03	5.10										
			A713	01	5.25										
			A716	03	5.14										
				04	5.26										
			A718	01	5.17										
				01MS	5.04										
				01SD	5.04										
			A703	01	1.30										
				02	1.18										
J.R.	9/5/08		A693	01	1.04					CW001	VOC550H	100mL			8015B 1.09h
				02	1.00										
				03	1.01										
				04	1.11										

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-02-03

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
			F1895	OBLKSTF1				
			F1899	VSTD050 (W)				
			F1900	VSTD050 (OA)				
			F1901					
			F1902					
			F1903					
8/18/08	2125	CDL	F1901	OBLKSTF1	ICAL	1uL	—	
	—		F1902	VSTD005		5mL	5.00	
	2220		F1903	VSTD025			5.00	
	2246		F1904	VSTD010			5.00	
	2311		F1905	VSTD050			5.00	
	2337		F1906	VSTD100			5.00	
8/19/08	0002		F1907	VSTD200			5.00	
	—		F1908	VBLK2	—		5.00	
	0136		F1909	SSCALCHK	QC		5.00	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-02-03

STD #	IS/SS MIX #	Return	pH <2	Comments
WSIAH-1				PASS
WSCAK-7 WSDAK-9 WSJBJ-4 WSSAJ-4 WSSAK-6 WSJAI-2	ISSIOFR/XR		—	8260 Soil (ASI..0615)
			—	ADD (ASI..0584)
			—	Recirc. not used (CDL
				See below 8/18/08
				CDL 8/18/08
				not used
WSIAH-2	—		—	PASS
WSCAK-7 WSDAK-9 WSJBJ-4	ISSIOFR/XR		—	Not used CDL 8/19/08
			—	
			—	
			—	8260 Soil (ASI..0621)
			—	
			—	
WSIHZ-4 WSIHAY-10			—	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
8/27/08	0449	CM	F4141	A8A1131	A113	5mL	5.60	—
	0515		F4142	L 12	1		5.02	1
	0540		F4143	A8A14601	A146		5.29	—
	0605		F4144	L 02	1		5.00	1
	0631		F4145	A17701	A177		5.06	—
	0656		F4146	01MS			5.05	
	0722		F4147	01SD			5.15	
8/27/08	0840	CH	F4148	0827BFBF1	+	1mL	—	—
	0910		F4149	VSTD050	QC	5mL	5.0	—
	0941		F4150	MSB			5.0	—
	1006		F4151	VB1K00			5.0	—
	1038		F4152	A8A1130 B	A113		5.20	—
	1134		F4153	A8A22607	A226		5.16	
	1129		F4154	07MS			5.18	
	1155		F4155	07SD			5.18	
	1220		F4156	A8A30402	A304		5.27	
	1246		F4157	A8A30501	A305		5.24	
	1311		F4158	A8A33901	A339		5.26	
	1336		F4159	A8A33902	1		5.28	
	1402		F4160	03			5.07	
	1427		F4161	04			4.99	
	1453		F4162	05			5.55	
	1518		F4163	A30501 1C	A305		1.02	—
8/28/08	1010	HH	F4164	0828BFBF1		5mL	—	—
	1039		F4165	VSTD050			5.00	
	1116		F4166	MSB (FULL)			5.00	
	1142		F4167	ADD050			5.00	
	1207		F4168	IBLK			5.00	
	1233		F4169	VBLK01			5.00	
	1306		F4170	VBLK02			5.00	
	1332		F4171	A8A414 02	A414		5.08	
	1357		F4172	IBLK	—		5.00	
	1423		F4173	A8A4160 01	A460		5.19	
	1448		F4174	03			5.18	
	1514		F4175	11			5.09	
	1539		F4176	12			5.07	
	1605		F4177	A8A475 01	A475		5.16	
	1630		F4178	02			5.15	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS10F2/XE		—	
			≤2	
			—	
			≤2	
			—	
WS7AI-8.9 ON 8/26/08			—	
WS1AH-2			—	PASS
WS6AK-4 WS12AK-9 WS13BL-2	ISS10 F2/AK		—	A8I...0621 (Soil 8260)
WS3AJ-9	FR/AK		—	
			—	
			—	
WS3AI-9				spike @ 1/2 amt
		Y		Reshot fg
WS1AH-2	ISS10FR/AK		—	PASS
WS6AK-4 WS12AK-9 WS13BL-2			—	8260 (A8I...0621)
WS19AZ-1 WS19AY-4			—	
WS5AK-6 WS5AJ-6			—	ADD (A8I...0589)

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
8/28/08	1655	LH	F4179	A8A475 03	A475	5ML	5.15	7
	721		F4180	04			5.20	
	1746		F4181	05			5.28	
	1812		F4182	06			5.27	
	1857		F4183	07			5.19	
	1903		F4184	A8A500 01	A500		5.79	
	1928		F4185	02			5.60	
	1953		F4186	03			5.57	
	2019		F4187	04			6.00	
	2044		F4188	05			5.32	
	2110		F4189	06			5.56	
	2135		F4190	07			5.72	
	2201		F4191	08			5.64	
	2226		F4192	09			5.89	
	2251		F4193	10			4.91	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
7	IS510FR/AK		7	
		Y		ML
		Y		ML
		Y		ML
		Y		ML
		Y		LL (CO)
		Y		LL (CO)
		Y		ML
		Y		ML
		Y		12HR / LL (CO)
		Y		12HR

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/2/08	1126	RJ	F4217	0902BFBF2	—	5mL	—	—
	1150		F4218	VSTD050	QC	5mL	5.0	
	1215		F4219	MSBFULL			5.0	
	—		F4220	ADD025			5.0	
	1386		F4221	VB1K05			5.0	
	1346		F4222	VB1K06			5.0	
	1419		F4223	A8A500 14 BRE	A500		4.68	
	1445		F4224	A8A53301	A533		5.30	
	1510		F4225	02			5.16	
	1535		F4226	A854702	A547		5.08	
	1601		F4227	0215			5.20	
	1626		F4228	025D			5.26	
	1802	CDC	F4229	1BLK	—		5.00	
	1817		F4230	1BLK	—		5.00	
	1853		F4231	A8AJ1701	AJ17		5.00	
	1918		F4232	02			5.00	
	1944		F4233	01			5.00	
9/3/08	0941	RH	F4234	0903BFBF1		5mL	—	
	1002		F4235	VSTD050			5.00	
	1033		F4236	MSB			5.00	
	1058		F4237	VBMK07			5.00	
	1124		F4238	VBMK08			5.00	
	1150		F4239	A8A609 01	A609		5.17	
	1215		F4240	02			5.23	
	1241		F4241	03			5.13	
	1306		F4242	06			5.20	
	1332		F4243	A8A611 01	A611		5.06	
	1357		F4244	02			5.19	
	1423		F4245	A8A629 03	A629		5.09	
	1448		F4246	04			5.00	
	1513		F4247	05			5.27	
	1539		F4248	A8A613 06	A613		5.06	
	1604		F4249	08			5.25	
	1630		F4250	15			5.10	
	—		X250	IBMK	—		5.00	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
WS1AH-2				PASS
WS6AK-5 WS12AK-13 WS13BH-1	ISSIJ			A8I.0621(8260/Soils)
WS19BB-2 WS19AY-7	FR/AK			
WS5AK-6 WS5AJ-6				Notified
				MeCl2-CDC
WS19BB-2 WS19AY-7				
				VHRs
WS1AH-2	ISSIOFR/AK			PASS
WS6AK-5 WS12AK-13 WS13BH-1				8260 (A8I...0621)
WS3AJ-9				

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
1/4/08	1024	MH	F4251	0904BFBF1	〃	5mL	—	〃
	1048	〃	F4252	VSTD05D	〃	〃	5.00	〃
	1114	〃	F4253	MSB	〃	〃	5.00	〃
	1139	〃	F4254	VBNK09	〃	〃	5.00	〃
	1205	〃	F4255	VBNK10	〃	〃	5.00	〃
	1230	〃	F4256	A8A699 04	A699	〃	5.00	〃
	1256	〃	F4257	A8A703 01 lg	A703	〃	1.30	〃
	1321	〃	F4258	02 lg	〃	〃	1.18	〃
	1346	〃	F4259	IBNK	—	〃	5.00	〃
	1412	〃	F4260	A8A699 01	A699	〃	5.02	〃
	1437	〃	F4261	02	〃	〃	5.00	〃
	1503	〃	F4262	03	〃	〃	5.10	〃
	1528	〃	F4263	A8A713 01	A713	〃	5.25	〃
	1553	〃	F4264	A8A716 03	A716	〃	5.14	〃
	1618	〃	F4265	04	〃	〃	5.26	〃
	1644	〃	F4266	IBNK	—	〃	5.00	〃
	1709	〃	F4267	A8A718 01	A718	〃	5.17	〃
	1734	〃	F4268	01ms	〃	〃	5.04	〃
	1759	〃	F4269	01sd	〃	〃	5.04	〃
〃	—	〃	F4270	IBNK	—	〃	5.00	〃

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
WS1AH-2	IS510FR1AK	—	—	PASS
WS6AK-5 WS12AK-13 WS13BM-1	〃	—	—	8260 (A8I...0621)
WS3AI-9	〃	—	—	
〃	〃	—	—	
〃	〃	—	—	
〃	〃	—	✓	
〃	〃	—	〃	
〃	〃	Y	〃	RAMC
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
〃	〃	〃	〃	
WS3AI-9	〃	〃	〃	
〃	〃	〃	〃	
—	〃	〃	〃	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-10

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/5/08	1507	RT	N0814	0905BFBN1	—	1uL	—	—
	—		N0815	VSTD001		5mL		
	1553		N0816	VSTD001				
	1617		N0817	VSTD005				
	1641		N0818	VSTD010				
	1705		N0819	VSTD025				
	1729		N0820	VSTD050				
	1753		N0821	VSTD100				
	—		N0822	IBIK				
	—		N0823	A0D001				
	—		N0824	A0D001				
	—		N0825	A0D005				
	—		N0826	A0D010				
	—		N0827	A0D025				
	—		N0828	A0D050				
	—		N0829	A0D100				
	—		N0830	IBIK				1
9/6/08		ND	N0831	0906BFBN1	—	1uL	—	—
	1341		N0832	VSTD025	QC	5mL		
	1405		N0833	A0D025				
			N0834	SSCAL				
			N0835	IBIK				
			N0836	VB1K26				2
9/5/08	1238	RT	N0837	0908BFBN1	—	1uL	—	—
	—		N0838	VSTD025	QC	5mL	—	—
	—		N0839	VSTD025			—	—
9/9/08	0849	RT	N0840	0909BFBN1	—	1uL	—	—
	0908		N0841	VSTD025	QC	5mL	—	—
	0945		N0842	MSB | SSCAL			—	—
	—		N0843	A0D025			—	—
	1033		N0844	VB1K27			—	—
	1103		N0845	A8A71802	A718			1
	1129		N0846	03				1
	1151		N0847	A8A69201	A692			1
	1214		N0848	02				1
	1238		N0849	A8A78401	A784			1
	1300		N0850	02				1
	1326		N0851	03				10

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-10

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
WS1AH-1				PASS
WS6AL-6 WS12AJ-19 WS13BM-10	ISS10			
	FZ/AP			
				A8I...0654
				6pt/8260
WS5AM-1 WS5AL-3 WS115-15-1/114-15-1				
				low pt N.G.
				Reshoot.
WS1AH-1				PASS
WS6AL-6 WS12AJ-19 WS13BM-10	ISS10			
	FZ/AP			
				-see maint. logbook
				9/8/08
WS1AH-1				PASS
WS6AL-6 WS12AJ-19 WS13BM-5	ISS10			see maint. log book
	FZ/AP			9/5/08
WS1AH-1				PASS
WS6AL-6 WS12AJ-19 WS13BM-5	ISS10			A8I..0654(8260/6pt)
WS9BB-6 WS19BA-5	FZ/AP		—	
WS5AM-1 WS5AL-3 WS115-15-1/114-15-1				Needs New Curve Not Use
			—	
			✓	
			✓	
		Y	X	DFISSA
			✓	
		Y	X	DLDF25
			X	
		Y	X	DLDF25

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
7/22/08	0525	CH	P9580	A88780P	8788	5mL	7	1
	0553		P9581	04				1
	0621		P9582	05				1
	0649		P9583	06				1
	0717		P9584	07				1
	0745		P9585	08				1
	0813		P9586	09				1
	0840		P9587	10				1
	0908		P9588	11				1
	—		P9589	12				1
7/23/08		HH	P9590	0723BFBP1	7	5mL	7	7
			P9591	VSTD001				
			P9592	VSTD001				
			P9593	VSTD010				
			P9594	VSTD025				
			P9595	VSTD050				
			P9596	VSTD100				
			P9597	IBNL				
			P9598	VSTD001 (NA)				
			P9599	VSTD001				
			P9600	HH #9601 VSTD001+25				
			P9601	VSTD001				
			P9602	VSTD001				
7/23/08	1550	HH	P9603	0723BFBP2	7	5mL	7	7
	1614		P9604	VSTD001				
	—		P9605	VSTD001				
	1710		P9606	VSTD010				
	1738		P9607	VSTD025				
	1806		P9608	VSTD050				
	1834		P9609	VSTD100				
	—		P9610	IBNL				
7/24/08 (previous)	2155	HA	P9611	0724BFBP1	7	5mL	7	7
	1027		P9612	VSTD025				
	1106		P9613	MSB/SSAL				
	1154		P9614	VBNL94				
	1402		P9615	VBNL95				
	1440		P9616	A88556 01	8556			
	1508		P9617	02			0000004	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISSICV1.4		X	
			X	
			X	
		Y	X	Burn out
		Y	X	
		Y	X	
		Y	X	
			X	
		Y	X	SURROGATE NOT SPIKED Volume Short
	ISSICV1WY			PASS
				8260 (ASE...0550)
				NO SURR SPIKED
WS1AG-4 WS6AJ-1 WS12AJ-10 WS13BF-8	ISSICV1WY			PASS
				(made wrong) 8260 (ASE...0550) + FLETCHER
WS1AG-4 WS6AJ-1 WS12AJ-10 WS13BF-8 WS19AU-7 WS19AV-8	ISSICV1WY			PASS 8260 (ASE...0550 FLETCHER)

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/3/08	0018	RA	P0701	A8A470 02	A470	5mL	—	1
	0046		P0702	03				1
	0113		P0703	04				1
	0141		P0704	05				1
	0209	↓	P0705	06	↓	↓	↓	1
9/3/08	0936	HA	P0706	0903BFBP1	7	5mL	7	7
	1000		P0707	VSTD025				
	1036		P0708	MSB(Full)				
	1104		P0709	LBNK				
	1132		P0710	VBNK49	⊥			⊥
	1204		P0711	A8A470 06	A470			1
	1232		P0712	07				20
	1300		P0713	08				1
	1328		P0714	09				1
	1356		P0715	10	⊥			1
	1414		P0716	A8A386 01mL	A386			25
	1452		P0717	03				100
	1530		P0718	04mL				25
	1549		P0719	05	⊥			1
	1617		P0720	A8A475 08	A475			1
	1645		P0721	09				1
	1713		P0722	10	⊥			1
	1741		P0723	A8A388 01	A388			1
	1810		P0724	02				1
	1838		P0725	03				1
	1926		P0726	04				80
	1954		P0727	05	⊥			1
	2022		P0728	A8A444 01	A444			1
	2050		P0729	02				1
	2058		P0730	02ms				1
	2126	⊥	P0731	02SD	⊥	⊥	⊥	1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS10FY/16		X	
			X	
			X	
			X	
	⊥	Y	X	12HR
WS1AH-2	ISS10FY/A9	—	—	PASS
WS6AK-6 WS12AK-14 WS13BM-1		—	—	8260 (A8I...0550)
WS19BB-2 WS19AY-7			—	
			—	
			✓	
		7	✓	RA DF1
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
		7	✓	RA DF 20 DL
		4	✓	RA DF2
		7	✓	RA DF2 DL
			✓	
			✓	
WS19AY-7			✓	
⊥	⊥		✓	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/5/08	1541	LH	P0815	A8A522 01 (F)	A522	5mL	7	20
	1609		P0816	02	↓	↓	↓	1
	1638		P0817	A8A528 01	A528			1
	—		P0818	03	↓			10
	—		P0819	04				10
	—		P0820	07				1
	—		P0821	10				1
	—		P0822	14				1
	—		P0823	15				1
	—		P0824	16	↓			1
	—		P0825	A8A537 04	A537			1
	—		P0826	05	↓			1
	—		P0827	A8A629 01	A629			1
	—		P0828	02	↓			1
	—		P0829	06	↓			1
	—		P0830	A8A306 01ms	A306			10
↓	—	↓	P0831	01sd	↓	↓	↓	10
9/8/08	1127	LH	P0832	0908BFB3P1	7	5mL	7	7
	—		P0833	VSTD001				
	1219		P0834	VSTD001				
	1247		P0835	VSTD010				
	1315		P0836	VSTD025				
	1343		P0837	VSTD050				
	1411		P0838	VSTD100				
	~		P0839	IBMC				
	~		P0840	IBMC				
↓	1545	↓	P0841	SSCAL	↓	↓	↓	↓
9/8/08	1659	CDL	P0842	0908BFB3P2	LCC	1mL 5mL	7	7
	1724		P0843	VSTD025				
	1804		P0844	ADD025				
	1830		P0845	MSB				
	1858		P0846	VBLK55				
	1926		P0847	VBLK56				
	2007		P0848	A8A407 2IDL D	A407			2
	2035		P0849	A8A528 03 B	A528			10
	2102		P0850	04 B	↓			10
	2130		P0851	A8A629 01 B	A629			4
	2158	↓	P0852	A8A588 01	A588	↓	↓	1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	IS10FY/AH		X	
			X	
			X	
			—	
			—	
			—	
			—	Computer crashed Samples were not run.
			—	
			—	
			—	Filament blew changed to #2
			—	
			—	
			—	
WS19BB-2 WS19AY-7			—	
↓	↓		—	
WS1AH-2	IS10AF/AR		—	PASS
WS6AL-7 WS12AK-12 WS13BN-2			—	
			—	
			—	8260 (ASI-0663)
			—	
			—	
			—	
			—	
			—	
WS19BB-2 WS19AY-7			—	
WS1AH-2	~		—	PASS
WS6AL-7 WS12AK-12 WS13BN-2	IS10GF/AR		—	8260 (ASI-0663)
WS5AJ-6 WS5AK-6			—	ADD (ASI-0473)
WS19BB-2 WS19AY-7			—	
			—	Not used
			X	
		Y	X	DF1
		Y	X	DF1
			X	
			X	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-02-15

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
8/15/08	1928	AK	Q9547	0815EFBQ1	QC	1mL	—	—
			Q9548	VSTD001	"	5mL	"	—
			Q9549	VSTD001				—
			Q9550	VSTD005				—
			Q9551	VSTD010				—
			Q9552	VSTD025				—
			Q9553	VSTD050				—
			Q9554	VSTD100				—
			Q9555	IBLK				—
8/16/08	1122	AK	Q9556	0816EFBQ1		1mL		—
	—		Q9557	VSTD001		5mL		—
	1220		Q9558	VSTD001				—
	1249		Q9559	VSTD005				—
	1317		Q9560	VSTD010				—
	1346		Q9561	VSTD025				—
	1415		Q9562	VSTD050				—
	1443		Q9563	VSTD100				—
	1512		Q9564	IBLK				—

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-02-15

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
WS1AH-1	—	—	—	PASS
WS6AK-2 WS12AT-16 WS13BJ-3	ICS10FT/AB	—	—	M.G.
WS1AH-1	—	—	—	PASS
WS6AK-2 WS12AT-16 WS13BJ-3	ICS10FT/AB	—	—	NOT USED
				ADE... 0618-69F
				P260 5mL

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/6/08	1249	ND	Q9954	0906BFBQ1	QC	1µL	7	7
"	1324	"	Q9955	VSTD025	"	5µL	"	"
"	1352	"	Q9956	↑ ADD025	"	"	"	"
"	1421	"	Q9957	MSB(Full) ↓	"	"	"	"
"	1449	"	Q9958	IBLK	"	"	"	"
"	1518	"	Q9959	VBLK64	⊥	"	"	⊥
"	1556	"	Q9960	A8A767 01DL	A767	"	"	20
"	1624	"	Q9961	02DL	⊥	"	"	20
"	1653	"	Q9962	03	⊥	"	"	1
"	1721	"	Q9963	A8A528 07	A528	"	"	1
"	1750	"	Q9964	10	"	"	"	1
"	1819	"	Q9965	14	"	"	"	1
"	1847	"	Q9966	15	"	"	"	1
"	1915	"	Q9967	16	⊥	"	"	1
"	1944	"	Q9968	A8A537 04	A537	"	"	1
"	2012	"	Q9969	05	⊥	"	"	1
"	2041	"	Q9970	A8A629 01	A629	"	"	1
"	2109	"	Q9971	02	"	"	"	1
⊥	2138	⊥	Q9972	06	⊥	⊥	⊥	1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-05-09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
WS1AH-1				PASS
WS6AK-6, WS12AK-14, WS13BM-1	SS10GE/A0			8260 (A8I...0618)
WS19BB-2, WS19AY-7				~~ADD A8I...~~ MSB(Full)
WS5AK-6, WS5AJ-6				ADD (A8I...0505)
		Y	X	SURR OUT
		Y	X	↓
			X	
			X	
			X	
			X	
			X	
			X	
			K	
			K	
		Y	X	DF x4 SS out
			X	
⊥	⊥		X	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
8/23/08	1751	JDC	S7120	A8A260 08	A260	5uL		1
	1815		S7121	07				1
	1838		S7122	08				1
	1901		S7123	09				1
	1923		S7124	10				1
8/24/08	1146	ND	S7125	0824BFBS1	QC	1mL	7	7
	—		S7126	VSTD 001 (NA)		5mL		
	—		S7127	VSTD 001				
	1252		S7128	VSTD 005				
	1315		S7129	VSTD 010				
	1338		S7130	VSTD 025				
	1401		S7131	VSTD 050				
	1424		S7132	VSTD 100				
	—		S7133	IBLK				
	—		S7134	VSTD 001 (NA)				
	1543		S7135	VSTD 001				
	1643		S7136	SSCAL				
	1706		S7137	MSBFull + ADD				
	1732		S7138	ADD 025				
	1756		S7139	IBLK				
	1819		S7140	VBLK 12				
	1850		S7141	A8A905 06	905			1
	1913		S7142	01				1
	1936		S7143	02 (B)				10
	1959		S7144	03 (B)				40
	2022		S7145	04				1
	2045		S7146	05				1
	2109		S7147	04 MS				1
	2132		S7148	04 SD				1
	2155		S7149	IBLK				1
	2218		S7150	IBLK				1
	2241		S7151	8260 MDW + ADD @ 25mL				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

STD #	IS/SS MIX #	Preserved	pH <2	Comments
	IS10 FU/AA		X	
			X	
			X	
			X	
			X	
WS1 AH-4			—	PASS
WS6 AG-8, WS12AK-16, WS13BL-1	IS10FU/AF	Y	—	SURR HIGH
		Y	—	1
			—	
			—	
			—	
			—	8260
			—	(A8I... 0635)
			—	
			—	
		Y	—	C.O.
			—	
WS19AZ-16, WS19BA-1			—	
WS19AZ-16, WS19BA-1, WS5AM-9, WS5AK-5			—	
WS5AM-9, WS5AK-5			—	ADD (A8I... 0585)
			—	
			—	
			X	
			X	
			~4	
			~7	
			X	
			X	
WS19AZ-16, WS19BA-1, WS5AM-9, WS5AK-5			—	
			—	
			—	
			—	
WS6AG-8, WS12AK-16, WS13BL-1, WS5AM-9, WS5AK-5			—	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/6/08	1322	DHC	S 7538	A8A529 06 B	A529	5ml		1
	1346		S 7539	07 B				1
	1411		S 7540	08 B				1
	1435		S 7541	A8A618 01	A618			1
	1459		S 7542	02				1
	1523		S 7543	A8A617 01 (F)	A617			20
	1547		S 7544	02				1
	1611		S 7545	A8A553 01	A553			1
	1635		S 7546	02				1
	1659		S 7547	03				1
	1723		S 7548	04				1
	1747		S 7549	05				1
	1811		S 7550	06				1
	1835		S 7551	07				1
	1859	ND	S7552	A8A529 04DL	A529	5mL	7	2
	1923		S7553	05DL				2
	1947		S7554	07DL				4
	2011		S7555	08DL				4
9/7/08	0824	ND	S7556	0907BFBS1	QC	1mL	7	7
	—		S7557	VSTD025 (NA)		5mL		
	0909		S7558	ADD025				
	0933		S7559	VSTD025				
	1016		S7560	MSB				
	1040		S7561	VBLK26				
	1116		S7562	A8A593 01	A593			1
	1140		S7563	02				1
	1204		S7564	03				1
	1228		S7565	04				1
	1252		S7566	05				1
	1316		S7567	06				1
	1340		S7568	07 (F)				20
	1405		S7569	08				1
	1429		S7570	A8A697 01	A697			1
	1453		S7571	02				1
	1517		S7572	03				1
	1541		S7573	04				1
	1605		S7574	A8A621 01	A621			1
	1629		S7575	02				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS10GD/AJ		X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
WS1AH-4				PASS
WS6AL-5, WS12AK-5, WS13BM-7	ISS10GD/AJ			8260 (A8I... 0635) (NA)
WS5AL-2, WS5AM-2				ADD (A8I... 0585)
WS19BB-9, WS19BA-4				8260 (A8I... 0635)
WS3AI-10				
			+	
			+	
			+	
			+	
			+	
			+	
			7	
			+	
			+	
			+	
			+	
			+	
			+	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/7/08	1653	ND	ST576	A8A621 03	A621	5uL	7	1
	1717		ST577	04	1			1
	1741		ST578	A8A620 02	A620			1
	1805		ST579	01	1			1
	1829		ST580	A8A713 02	A713			1
	1853		ST581	03	1			1
	1917		ST582	A8A591 01	A591			1
	1941		ST583	02	1			1
	2005		ST584	A8A599 01	A599			10
	2029		ST585	01MS	1			10
1	2053	1	ST586	01SD	1	1	1	10

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
7	1SS10A0LAS		X	
	1		X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
WSSA1D			X	Outside 12 hr
1			X	1

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8270 Semivolatiles

QC Summary

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	DUP082808	A8A62905	42		58		48		52		89		79				0
2	MSB43	A8B2146001	66		73		74		74		96		84				0
3	MSB52	A8B2171801	74		82		81		81		110		88				0
4	MSB65	A8B2172001	66		77		78		75		91		83				0
5	MSBD43	A8B2146002	56		67		65		65		91		80				0
6	MW-8 S2 4-6	A8A71301	44		54		46		51		77		79				0
7	MW-9 S3,4-5	A8A71801	58		67		67		66		78		76				0
8	MW-9 S3,4-5	A8A71801MS	66		79		78		76		98		85				0
9	MW-9 S3,4-5	A8A71801SD	69		79		80		79		99		88				0
10	SB-20-S1(4-6)	A8A47507	46		58		50		52		69		60				0
11	SB-21 S1-0.5-2.5	A8A62903	46		57		43		56		68		82				0
12	SB-21 S4-6.5-8.5	A8A62904	38		48		40		46		89		79				0
13	SBLK43	A8B2146003	61		71		70		70		86		83				0
14	SBLK52	A8B2171802	82		89		89		89		109		81				0
15	SBLK65	A8B2172002	77		86		89		86		98		88				0
16	TP1-S1(10-11)	A8A47501	40		50		47		47		85		68				0
17	TP2-S1(1-3)	A8A47502	56		79		69		72		85		81				0
18	TP2-S2(8-10)	A8A47503	48		62		55		57		98		74				0
19	TP3-S1(4-6)	A8A47504	56		65		58		63		80		79				0
20	TP3-S2(7-9)	A8A47505	46		53		48		54		70		65				0
21	TP4-S1(8-10)	A8A47506	42		46		42		49		58		52				0

			QC LIMITS
2FP	=	2-Fluorophenol	(30-120)
FBP	=	2-Fluorobiphenyl	(43-120)
NBZ	=	Nitrobenzene-D5	(35-120)
PHL	=	Phenol-D5	(38-120)
TBP	=	2,4,6-Tribromophenol	(46-129)
TPH	=	p-Terphenyl-d14	(51-125)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

	Client Sample ID	Lab Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	90 CANAL ST. SUMP	A8A62901	34		68		68		27		91		47				0
2	EB 082908	A8A71302	39		80		80		28		87		70				0
3	EB 090208	A8A71802	37		75		74		26		82		67				0
4	EB082508	A8A47508	38		72		67		31		98		74				0
5	EB082608	A8A47509	44		74		69		38		111		92				0
6	EB082808	A8A62902	36		74		76		28		92		72				0
7	MSB39	A8B2163701	37		70		72		30		90		85				0
8	MSB40	A8B2172101	41		78		80		34		101		74				0
9	MSB49	A8B2149301	30		65		60		24		91		70				0
10	MSB50	A8B2157501	35		72		68		30		105		72				0
11	MSBD49	A8B2149302	31		67		65		26		90		68				0
12	MSBD50	A8B2157502	39		72		71		31		102		69				0
13	SBLK39	A8B2163702	40		69		70		32		89		85				0
14	SBLK40	A8B2172102	40		72		74		34		102		62				0
15	SBLK49	A8B2149303	33		67		63		27		90		68				0
16	SBLK50	A8B2157503	39		66		67		33		104		72				0

			QC LIMITS
2FP	=	2-Fluorophenol	(20-120)
FBP	=	2-Fluorobiphenyl	(48-120)
NBZ	=	Nitrobenzene-D5	(46-120)
PHL	=	Phenol-D5	(16-120)
TBP	=	2,4,6-Tribromophenol	(52-132)
TPH	=	p-Terphenyl-d14	(24-136)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2146003

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK43 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC	#	QC LIMITS REC.
Phenol	3280	2306	70		36 - 110
2-Chlorophenol	3280	2497	76		38 - 104
N-Nitroso-Di-n-propyl(1)	3280	2587	79		46 - 120
4-Chloro-3-methylphenol	3280	2687	82		49 - 125
Acenaphthene	3280	2608	80		53 - 119
4-Nitrophenol	3280	2262	69		44 - 137
2,4-Dinitrotoluene	3280	2837	86		55 - 125
Pentachlorophenol	3280	2533	77		33 - 136
Pyrene	3280	2860	87		51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	3227	1990	62		12		25	36 - 110
2-Chlorophenol	3227	2053	64		17		26	38 - 104
N-Nitroso-Di-n-propylami	3227	2385	74		6		20	46 - 120
4-Chloro-3-methylphenol	3227	2445	76		8		20	49 - 125
Acenaphthene	3227	2403	74		8		16	53 - 119
4-Nitrophenol	3227	2001	62		11		25	44 - 137
2,4-Dinitrotoluene	3227	2766	86		0		19	55 - 125
Pentachlorophenol	3227	2235	69		11		27	33 - 136
Pyrene	3227	2704	84		4		25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2149303

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK49

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	28.9	29	17 - 120
2-Chlorophenol	100	53.0	53	47 - 120
N-Nitroso-Di-n-propyl(1)	100	67.4	67	51 - 120
4-Chloro-3-methylphenol	100	74.2	74	64 - 120
Acenaphthene	100	75.2	75	60 - 120
4-Nitrophenol	100	34.8	35	16 - 120
2,4-Dinitrotoluene	100	91.6	92	58 - 125
Pentachlorophenol	100	85.9	86	39 - 136
Pyrene	100	84.9	85	58 - 136

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	100	30.0	30	3	39	17 - 120
2-Chlorophenol	100	55.2	55	4	33	47 - 120
N-Nitroso-Di-n-propylami	100	71.5	72	7	38	51 - 120
4-Chloro-3-methylphenol	100	76.6	77	4	25	64 - 120
Acenaphthene	100	77.1	77	3	23	60 - 120
4-Nitrophenol	100	36.6	37	6	30	16 - 120
2,4-Dinitrotoluene	100	94.8	95	3	20	58 - 125
Pentachlorophenol	100	86.3	86	0	27	39 - 136
Pyrene	100	84.6	85	0	25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2157503

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK50

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	34.3	34	17 - 120
2-Chlorophenol	100	59.7	60	47 - 120
N-Nitroso-Di-n-propyl(1)	100	73.5	74	51 - 120
4-Chloro-3-methylphenol	100	88.8	89	64 - 120
Acenaphthene	100	81.2	81	60 - 120
4-Nitrophenol	100	45.3	45	16 - 120
2,4-Dinitrotoluene	100	106	106	58 - 125
Pentachlorophenol	100	99.1	99	39 - 136
Pyrene	100	86.6	87	58 - 136

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	100	36.7	37	8	39	17 - 120
2-Chlorophenol	100	63.8	64	6	33	47 - 120
N-Nitroso-Di-n-propylami	100	73.8	74	0	38	51 - 120
4-Chloro-3-methylphenol	100	88.3	88	1	25	64 - 120
Acenaphthene	100	78.9	79	2	23	60 - 120
4-Nitrophenol	100	44.1	44	2	30	16 - 120
2,4-Dinitrotoluene	100	100	100	6	20	58 - 125
Pentachlorophenol	100	96.6	97	2	27	39 - 136
Pyrene	100	82.6	83	5	25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2171802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK52 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC	#	QC LIMITS REC.
Phenol	3303	2537	77		36 - 110
2-Chlorophenol	3303	2722	82		38 - 104
N-Nitroso-Di-n-propyl(1)	3303	2881	87		46 - 120
4-Chloro-3-methylphenol	3303	3035	92		49 - 125
Acenaphthene	3303	2891	88		53 - 119
4-Nitrophenol	3303	2730	83		44 - 137
2,4-Dinitrotoluene	3303	3234	98		55 - 125
Pentachlorophenol	3303	3124	94		33 - 136
Pyrene	3303	2963	90		51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2172002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK65 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3304	2393	72	36 - 110
2-Chlorophenol	3304	2319	70	38 - 104
N-Nitroso-Di-n-propyl (1)	3304	2671	81	46 - 120
4-Chloro-3-methylphenol	3304	2816	85	49 - 125
Acenaphthene	3304	2677	81	53 - 119
4-Nitrophenol	3304	2792	84	44 - 137
2,4-Dinitrotoluene	3304	3040	92	55 - 125
Pentachlorophenol	3304	2526	76	33 - 136
Pyrene	3304	2994	90	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2163702

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK39

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	28.7	29	17 - 120
2-Chlorophenol	100	64.0	64	47 - 120
N-Nitroso-Di-n-propyl(1)	100	77.6	78	51 - 120
4-Chloro-3-methylphenol	100	78.3	78	64 - 120
Acenaphthene	100	72.0	72	60 - 120
4-Nitrophenol	100	30.1	30	16 - 120
2,4-Dinitrotoluene	100	77.1	77	58 - 125
Pentachlorophenol	100	63.9	64	39 - 136
Pyrene	100	95.1	95	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2172102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: SBLK40

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	40.6	41	17 - 120
2-Chlorophenol	100	68.7	69	47 - 120
N-Nitroso-Di-n-propyl(1)	100	100	100	51 - 120
4-Chloro-3-methylphenol	100	96.2	96	64 - 120
Acenaphthene	100	89.0	89	60 - 120
4-Nitrophenol	100	49.0	49	16 - 120
2,4-Dinitrotoluene	100	107	108	58 - 125
Pentachlorophenol	100	97.7	98	39 - 136
Pyrene	100	102	102	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8A71801

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix Spike - Client Sample No.: MW-9 S3,4-5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Phenol	3752	0	2730	73	36 - 110
2-Chlorophenol	3752	0	2664	71	38 - 104
N-Nitroso-Di-n-propyl(1)	3752	0	3125	83	46 - 120
4-Chloro-3-methylphenol	3752	0	3381	90	49 - 125
Acenaphthene	3752	0	3250	87	53 - 119
4-Nitrophenol	3752	0	3405	91	44 - 137
2,4-Dinitrotoluene	3752	0	3652	97	55 - 125
Pentachlorophenol	3752	0	3117	83	33 - 136
Pyrene	3752	0	3559	95	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	3722	2847	76	4	25	36 - 110
2-Chlorophenol	3722	2745	74	4	26	38 - 104
N-Nitroso-Di-n-propyl(1)	3722	3176	85	2	20	46 - 120
4-Chloro-3-methylphenol	3722	3407	92	2	20	49 - 125
Acenaphthene	3722	3235	87	0	16	53 - 119
4-Nitrophenol	3722	3466	93	2	25	44 - 137
2,4-Dinitrotoluene	3722	3675	99	2	19	55 - 125
Pentachlorophenol	3722	3112	84	1	27	33 - 136
Pyrene	3722	3622	97	2	25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V30991.RR Lab Sample ID: A8B2146003

Instrument ID: HP5973V Date Extracted: 08/29/2008

Matrix: (soil/water) SOIL Date Analyzed: 09/02/2008

Level: (low/med) LOW Time Analyzed: 16:26

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	MSB43	A8B2146001	V30989.RR	09/02/2008
2	MSBD43	A8B2146002	V30990.RR	09/02/2008
3	SB-20-S1(4-6)	A8A47507	V31058.RR	09/03/2008
4	TP1-S1(10-11)	A8A47501	V30997.RR	09/02/2008
5	TP2-S1(1-3)	A8A47502	V30998.RR	09/02/2008
6	TP2-S2(8-10)	A8A47503	V30999.RR	09/02/2008
7	TP3-S1(4-6)	A8A47504	V31055.RR	09/03/2008
8	TP3-S2(7-9)	A8A47505	V31056.RR	09/03/2008
9	TP4-S1(8-10)	A8A47506	V31057.RR	09/03/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31075.RR Lab Sample ID: A8B2149303

Instrument ID: HP5973V Date Extracted: 08/29/2008

Matrix: (soil/water) WATER Date Analyzed: 09/04/2008

Level: (low/med) LOW Time Analyzed: 04:04

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB082508	A8A47508	V31079.RR	09/04/2008
2	MSB49	A8B2149301	V31073.RR	09/04/2008
3	MSBD49	A8B2149302	V31074.RR	09/04/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31097.RR Lab Sample ID: A8B2157503

Instrument ID: HP5973V Date Extracted: 09/02/2008

Matrix: (soil/water) WATER Date Analyzed: 09/04/2008

Level: (low/med) LOW Time Analyzed: 14:09

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB082608	A8A47509	V31123.RR	09/05/2008
2	MSB50	A8B2157501	V31095.RR	09/04/2008
3	MSBD50	A8B2157502	V31096.RR	09/04/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31145.RR Lab Sample ID: A8B2171802

Instrument ID: HP5973V Date Extracted: 09/04/2008

Matrix: (soil/water) SOIL Date Analyzed: 09/05/2008

Level: (low/med) LOW Time Analyzed: 09:20

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	DUP082808	A8A62905	V31170.RR	09/05/2008
2	MSB52	A8B2171801	V31144.RR	09/05/2008
3	MW-8 S2 4-6	A8A71301	V31171.RR	09/05/2008
4	SB-21 S1-0.5-2.5	A8A62903	V31168.RR	09/05/2008
5	SB-21 S4-6.5-8.5	A8A62904	V31169.RR	09/05/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: W26152.RR Lab Sample ID: A8B2172002

Instrument ID: HP5973W Date Extracted: 09/04/2008

Matrix: (soil/water) SOIL Date Analyzed: 09/05/2008

Level: (low/med) LOW Time Analyzed: 13:40

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	MSB65	A8B2172001	W26151.RR	09/05/2008
2	MW-9 S3,4-5	A8A71801	W26165.RR	09/05/2008
3	MW-9 S3,4-5	A8A71801MS	W26166.RR	09/05/2008
4	MW-9 S3,4-5	A8A71801SD	W26167.RR	09/05/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26217.RR Lab Sample ID: A8B2163702

Instrument ID: HP5973X Date Extracted: 09/03/2008

Matrix: (soil/water) WATER Date Analyzed: 09/05/2008

Level: (low/med) LOW Time Analyzed: 14:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	90 CANAL ST. SUMP	A8A62901	X26231.RR	09/05/2008
2	EB082808	A8A62902	X26232.RR	09/05/2008
3	MSB39	A8B2163701	X26216.RR	09/05/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26246.RR Lab Sample ID: A8B2172102

Instrument ID: HP5973X Date Extracted: 09/04/2008

Matrix: (soil/water) WATER Date Analyzed: 09/06/2008

Level: (low/med) LOW Time Analyzed: 13:49

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB 082908	A8A71302	X26292.RR	09/08/2008
2	EB 090208	A8A71802	X26293.RR	09/08/2008
3	MSB40	A8B2172101	X26245.RR	09/06/2008

Comments: _____

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002200

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V30063 DFTPP Injection Date: 07/29/2008

Instrument ID: HP5973V DFTPP Injection Time: 08:47

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	39.7		
68	Less than 2.0% of mass 69	0.2	(0.5)	1
69	Present	35.4		
70	Less than 2.0% of mass 69	0.2	(0.6)	1
127	40.0 - 60.0% of mass 198	42.0		
197	Less than 1.0% of mass 198	0.2		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.5		
275	10.0 - 30.0% of mass 198	20.6		
365	Greater than 1.00% of mass 198	2.3		
441	Present, but less than mass 443	7.5		
442	40.0 - 110.0% of mass 198	47.7		
443	17.0 - 23.0% of mass 442	10.0	(20.9)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000562-1	V30064.RR	07/29/2008	09:15
2	SSTD020	A8I0000562-1	V30065.RR	07/29/2008	09:37
3	SSTD050	A8I0000562-1	V30066.RR	07/29/2008	10:01
4	SSTD080	A8I0000562-1	V30067.RR	07/29/2008	10:23
5	SSTD120	A8I0000562-1	V30068.RR	07/29/2008	10:46
6	SSTD160	A8I0000562-1	V30069.RR	07/29/2008	11:15

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002269

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V30371 DFTPP Injection Date: 08/05/2008

Instrument ID: HP5973V DFTPP Injection Time: 07:57

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	42.6		
68	Less than 2.0% of mass 69	0.7	(1.8)	1
69	Present	37.1		
70	Less than 2.0% of mass 69	0.2	(0.5)	1
127	40.0 - 60.0% of mass 198	41.6		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.3		
275	10.0 - 30.0% of mass 198	21.5		
365	Greater than 1.00% of mass 198	2.2		
441	Present, but less than mass 443	6.1		
442	40.0 - 110.0% of mass 198	40.2		
443	17.0 - 23.0% of mass 442	7.9	(19.7)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8I0000579-1	V30372.RR	08/05/2008	08:35
2	SSTD005	A8I0000579-1	V30373.RR	08/05/2008	08:58
3	SSTD020	A8I0000579-1	V30374.RR	08/05/2008	09:21
4	SSTD080	A8I0000579-1	V30375.RR	08/05/2008	09:59
5	SSTD120	A8I0000579-1	V30376.RR	08/05/2008	10:22
6	SSTD160	A8I0000579-1	V30377.RR	08/05/2008	10:45

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002572

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V30970 DFTPP Injection Date: 09/02/2008

Instrument ID: HP5973V DFTPP Injection Time: 08:31

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	37.6		
68	Less than 2.0% of mass 69	0.3	(0.8)	1
69	Present	39.5		
70	Less than 2.0% of mass 69	0.1	(0.2)	1
127	40.0 - 60.0% of mass 198	45.6		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.2		
275	10.0 - 30.0% of mass 198	21.7		
365	Greater than 1.00% of mass 198	2.5		
441	Present, but less than mass 443	6.8		
442	40.0 - 110.0% of mass 198	46.8		
443	17.0 - 23.0% of mass 442	9.5	(20.3)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002196-1	V30971.RR	09/02/2008	08:47
2	SSTD050	A8C0002196-2	V30972.RR	09/02/2008	09:11
3	MSB43	A8B2146001	V30989.RR	09/02/2008	15:40
4	MSBD43	A8B2146002	V30990.RR	09/02/2008	16:03
5	SBLK43	A8B2146003	V30991.RR	09/02/2008	16:26
6	TP1-S1(10-11)	A8A47501	V30997.RR	09/02/2008	18:43
7	TP2-S1(1-3)	A8A47502	V30998.RR	09/02/2008	19:05
8	TP2-S2(8-10)	A8A47503	V30999.RR	09/02/2008	19:28

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002579

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31052 DFTPP Injection Date: 09/03/2008

Instrument ID: HP5973V DFTPP Injection Time: 19:21

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	39.4		
68	Less than 2.0% of mass 69	0.3	(0.8)	1
69	Present	39.3		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	40.0 - 60.0% of mass 198	44.8		
197	Less than 1.0% of mass 198	0.4		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.2		
275	10.0 - 30.0% of mass 198	21.1		
365	Greater than 1.00% of mass 198	2.7		
441	Present, but less than mass 443	3.8		
442	40.0 - 110.0% of mass 198	43.0		
443	17.0 - 23.0% of mass 442	8.1	(18.8)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002199-1	V31053.RR	09/03/2008	19:38
2	SSTD050	A8C0002199-2	V31054.RR	09/03/2008	20:01
3	TP3-S1(4-6)	A8A47504	V31055.RR	09/03/2008	20:28
4	TP3-S2(7-9)	A8A47505	V31056.RR	09/03/2008	20:51
5	TP4-S1(8-10)	A8A47506	V31057.RR	09/03/2008	21:14
6	SB-20-S1(4-6)	A8A47507	V31058.RR	09/03/2008	21:37
7	MSB49	A8B2149301	V31073.RR	09/04/2008	03:19
8	MSBD49	A8B2149302	V31074.RR	09/04/2008	03:42
9	SBLK49	A8B2149303	V31075.RR	09/04/2008	04:04
10	EB082508	A8A47508	V31079.RR	09/04/2008	05:36

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002594

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31084 DFTPP Injection Date: 09/04/2008

Instrument ID: HP5973V DFTPP Injection Time: 09:19

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	35.2		
68	Less than 2.0% of mass 69	0.6	(1.7)	1
69	Present	36.8		
70	Less than 2.0% of mass 69	0.2	(0.5)	1
127	40.0 - 60.0% of mass 198	44.3		
197	Less than 1.0% of mass 198	0.1		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.8		
275	10.0 - 30.0% of mass 198	24.5		
365	Greater than 1.00% of mass 198	3.1		
441	Present, but less than mass 443	9.5		
442	40.0 - 110.0% of mass 198	61.8		
443	17.0 - 23.0% of mass 442	13.0	(21.0)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002212-1	V31085.RR	09/04/2008	09:34
2	SSTD050	A8C0002212-2	V31086.RR	09/04/2008	09:57
3	MSB50	A8B2157501	V31095.RR	09/04/2008	13:23
4	MSBD50	A8B2157502	V31096.RR	09/04/2008	13:46
5	SBLK50	A8B2157503	V31097.RR	09/04/2008	14:09

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002614

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31119 DFTPP Injection Date: 09/04/2008

Instrument ID: HP5973V DFTPP Injection Time: 23:32

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	37.2		
68	Less than 2.0% of mass 69	0.6	(1.7)	1
69	Present	37.2		
70	Less than 2.0% of mass 69	0.1	(0.3)	1
127	40.0 - 60.0% of mass 198	44.1		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.5		
275	10.0 - 30.0% of mass 198	25.0		
365	Greater than 1.00% of mass 198	3.5		
441	Present, but less than mass 443	9.0		
442	40.0 - 110.0% of mass 198	63.0		
443	17.0 - 23.0% of mass 442	12.8	(20.3)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002232-1	V31120.RR	09/04/2008	23:49
2	SSTD050	A8C0002232-3	V31121.RR	09/05/2008	00:12
3	EB082608	A8A47509	V31123.RR	09/05/2008	00:57
4	MSB52	A8B2171801	V31144.RR	09/05/2008	08:57
5	SBLK52	A8B2171802	V31145.RR	09/05/2008	09:20

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002630

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: V31151 DFTPP Injection Date: 09/05/2008

Instrument ID: HP5973V DFTPP Injection Time: 14:02

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	39.9		
68	Less than 2.0% of mass 69	0.4	(1.0)	1
69	Present	39.5		
70	Less than 2.0% of mass 69	0.2	(0.4)	1
127	40.0 - 60.0% of mass 198	46.0		
197	Less than 1.0% of mass 198	0.2		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.6		
275	10.0 - 30.0% of mass 198	21.6		
365	Greater than 1.00% of mass 198	2.7		
441	Present, but less than mass 443	7.0		
442	40.0 - 110.0% of mass 198	45.6		
443	17.0 - 23.0% of mass 442	9.4	(20.7)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002248-1	V31153.RR	09/05/2008	14:36
2	SSTD050	A8C0002248-2	V31155.RR	09/05/2008	15:22
3	SB-21 S1-0.5-2.5	A8A62903	V31168.RR	09/05/2008	20:12
4	SB-21 S4-6.5-8.5	A8A62904	V31169.RR	09/05/2008	20:34
5	DUP082808	A8A62905	V31170.RR	09/05/2008	20:57
6	MW-8 S2 4-6	A8A71301	V31171.RR	09/05/2008	21:20

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002323

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: W25598 DFTPP Injection Date: 08/11/2008

Instrument ID: HP5973W DFTPP Injection Time: 08:43

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	41.1		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	38.8		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	40.0 - 60.0% of mass 198	46.7		
197	Less than 1.0% of mass 198	0.5		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.7		
275	10.0 - 30.0% of mass 198	23.8		
365	Greater than 1.00% of mass 198	2.5		
441	Present, but less than mass 443	11.6		
442	40.0 - 110.0% of mass 198	74.7		
443	17.0 - 23.0% of mass 442	14.5	(19.4)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000599-1	W25606.RR	08/11/2008	12:25
2	SSTD020	A8I0000599-1	W25607.RR	08/11/2008	12:48
3	SSTD050	A8I0000599-1	W25608.RR	08/11/2008	13:10
4	SSTD080	A8I0000599-1	W25609.RR	08/11/2008	13:34
5	SSTD120	A8I0000599-1	W25610.RR	08/11/2008	13:57
6	SSTD160	A8I0000599-1	W25611.RR	08/11/2008	14:19

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002506

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: W25931 DFTPP Injection Date: 08/26/2008

Instrument ID: HP5973W DFTPP Injection Time: 10:31

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	39.4		
68	Less than 2.0% of mass 69	0.5	(1.3)	1
69	Present	36.7		
70	Less than 2.0% of mass 69	0.1	(0.4)	1
127	40.0 - 60.0% of mass 198	49.6		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.2		
275	10.0 - 30.0% of mass 198	23.4		
365	Greater than 1.00% of mass 198	2.6		
441	Present, but less than mass 443	12.3		
442	40.0 - 110.0% of mass 198	82.3		
443	17.0 - 23.0% of mass 442	15.6	(19.0)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD020	A8I0000639-1	W25935.RR	08/26/2008	12:05
2	SSTD160	A8I0000639-1	W25936.RR	08/26/2008	12:28
3	SSTD050	A8I0000639-1	W25937.RR	08/26/2008	12:51
4	SSTD120	A8I0000639-1	W25938.RR	08/26/2008	13:14
5	SSTD080	A8I0000639-1	W25943.RR	08/26/2008	16:54
6	SSTD005	A8I0000639-1	W25944.RR	08/26/2008	18:14

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002601

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: W26145 DFTPP Injection Date: 09/05/2008

Instrument ID: HP5973W DFTPP Injection Time: 10:35

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	37.9		
68	Less than 2.0% of mass 69	0.4	(1.1)	1
69	Present	34.5		
70	Less than 2.0% of mass 69	0.1	(0.3)	1
127	40.0 - 60.0% of mass 198	47.0		
197	Less than 1.0% of mass 198	0.4		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.6		
275	10.0 - 30.0% of mass 198	23.4		
365	Greater than 1.00% of mass 198	2.8		
441	Present, but less than mass 443	11.8		
442	40.0 - 110.0% of mass 198	81.6		
443	17.0 - 23.0% of mass 442	15.2	(18.6)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002220-1	W26146.RR	09/05/2008	11:17
2	SSTD050	A8C0002220-2	W26147.RR	09/05/2008	11:40
3	MSB65	A8B2172001	W26151.RR	09/05/2008	13:16
4	SBLK65	A8B2172002	W26152.RR	09/05/2008	13:40
5	MW-9 S3,4-5	A8A71801	W26165.RR	09/05/2008	18:40
6	MW-9 S3,4-5	A8A71801MS	W26166.RR	09/05/2008	19:03
7	MW-9 S3,4-5	A8A71801SD	W26167.RR	09/05/2008	19:26

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002367

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X25682 DFTPP Injection Date: 08/13/2008

Instrument ID: HP5973X DFTPP Injection Time: 12:42

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	52.6
68	Less than 2.0% of mass 69	0.5 (1.1) 1
69	Present	41.4
70	Less than 2.0% of mass 69	0.5 (1.1) 1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0.4
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	20.7
365	Greater than 1.00% of mass 198	2.3
441	Present, but less than mass 443	10.0
442	40.0 - 110.0% of mass 198	79.9
443	17.0 - 23.0% of mass 442	16.5 (20.7) 2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000608-1	X25690.RR	08/13/2008	15:45
2	SSTD020	A8I0000608-1	X25691.RR	08/13/2008	16:08
3	SSTD050	A8I0000608-1	X25692.RR	08/13/2008	16:31
4	SSTD080	A8I0000608-1	X25693.RR	08/13/2008	16:53
5	SSTD120	A8I0000608-1	X25694.RR	08/13/2008	17:17
6	SSTD160	A8I0000608-1	X25695.RR	08/13/2008	17:39

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002410

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X25747 DFTPP Injection Date: 08/16/2008

Instrument ID: HP5973X DFTPP Injection Time: 08:15

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	41.1		
68	Less than 2.0% of mass 69	0.5	(1.3)	1
69	Present	37.4		
70	Less than 2.0% of mass 69	0.2	(0.6)	1
127	40.0 - 60.0% of mass 198	47.4		
197	Less than 1.0% of mass 198	0.2		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.9		
275	10.0 - 30.0% of mass 198	22.1		
365	Greater than 1.00% of mass 198	1.5		
441	Present, but less than mass 443	11.9		
442	40.0 - 110.0% of mass 198	95.0		
443	17.0 - 23.0% of mass 442	17.9	(18.8)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000619-1	X25754.RR	08/16/2008	10:54
2	SSTD020	A8I0000619-1	X25755.RR	08/16/2008	11:17
3	SSTD050	A8I0000619-1	X25756.RR	08/16/2008	11:40
4	SSTD080	A8I0000619-1	X25757.RR	08/16/2008	12:02
5	SSTD120	A8I0000619-1	X25758.RR	08/16/2008	12:25
6	SSTD160	A8I0000619-1	X25759.RR	08/16/2008	12:48

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002600

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26206 DFTPP Injection Date: 09/05/2008

Instrument ID: HP5973X DFTPP Injection Time: 10:25

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	55.8		
68	Less than 2.0% of mass 69	0.5	(1.1)	1
69	Present	44.5		
70	Less than 2.0% of mass 69	0.1	(0.2)	1
127	40.0 - 60.0% of mass 198	54.3		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.3		
275	10.0 - 30.0% of mass 198	24.9		
365	Greater than 1.00% of mass 198	3.8		
441	Present, but less than mass 443	13.9		
442	40.0 - 110.0% of mass 198	106.3		
443	17.0 - 23.0% of mass 442	19.5	(18.3)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002219-1	X26207.RR	09/05/2008	10:41
2	SSTD050	A8C0002219-2	X26208.RR	09/05/2008	11:04
3	MSB39	A8B2163701	X26216.RR	09/05/2008	14:07
4	SBLK39	A8B2163702	X26217.RR	09/05/2008	14:30
5	90 CANAL ST. SUMP	A8A62901	X26231.RR	09/05/2008	19:49
6	EB082808	A8A62902	X26232.RR	09/05/2008	20:12

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002620

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26235 DFTPP Injection Date: 09/06/2008

Instrument ID: HP5973X DFTPP Injection Time: 08:59

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	53.8		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	40.2		
70	Less than 2.0% of mass 69	0.2	(0.5)	1
127	40.0 - 60.0% of mass 198	51.7		
197	Less than 1.0% of mass 198	0.3		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.8		
275	10.0 - 30.0% of mass 198	23.5		
365	Greater than 1.00% of mass 198	3.1		
441	Present, but less than mass 443	12.0		
442	40.0 - 110.0% of mass 198	94.4		
443	17.0 - 23.0% of mass 442	18.4	(19.5)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002236-1	X26236.RR	09/06/2008	09:15
2	SSTD050	A8C0002236-2	X26237.RR	09/06/2008	09:38
3	MSB40	A8B2172101	X26245.RR	09/06/2008	13:26
4	SBLK40	A8B2172102	X26246.RR	09/06/2008	13:49

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002621

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID: X26271 DFTPP Injection Date: 09/08/2008

Instrument ID: HP5973X DFTPP Injection Time: 12:26

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	56.7		
68	Less than 2.0% of mass 69	0.2	(0.5)	1
69	Present	42.3		
70	Less than 2.0% of mass 69	0.3	(0.6)	1
127	40.0 - 60.0% of mass 198	49.7		
197	Less than 1.0% of mass 198	0.4		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.9		
275	10.0 - 30.0% of mass 198	23.2		
365	Greater than 1.00% of mass 198	2.8		
441	Present, but less than mass 443	11.3		
442	40.0 - 110.0% of mass 198	85.8		
443	17.0 - 23.0% of mass 442	16.6	(19.3)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002237-1	X26272.RR	09/08/2008	13:06
2	SSTD050	A8C0002237-2	X26273.RR	09/08/2008	13:33
3	EB 082908	A8A71302	X26292.RR	09/08/2008	20:47
4	EB 090208	A8A71802	X26293.RR	09/08/2008	21:10

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002196

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V30971.RR Date Analyzed: 09/02/2008

Instrument ID: HP5973V Time Analyzed: 08:47

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		392172		9.48		708551		13.72		188702		5.49	
	UPPER LIMIT		784344		9.98		1417102		14.22		377404		5.99	
	LOWER LIMIT		196086		8.98		354276		13.22		94351		4.99	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB43	A8B2146001	348372		9.48		676553		13.72		161636		5.49	
2	MSBD43	A8B2146002	341078		9.48		670781		13.72		156176		5.49	
3	SBLK43	A8B2146003	400027		9.48		783812		13.72		183396		5.49	
4	TP1-S1(10-11)	A8A47501	390017		9.48		811925		13.72		182382		5.49	
5	TP2-S1(1-3)	A8A47502	326168		9.48		745556		13.72		152893		5.49	
6	TP2-S2(8-10)	A8A47503	347113		9.48		767267		13.72		161607		5.49	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002196

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V30971.RR Date Analyzed: 09/02/2008

Instrument ID: HP5973V Time Analyzed: 08:47

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		694160		7.21		799054		11.23		572266		14.95	
	UPPER LIMIT		1388320		7.71		1598108		11.73		1144532		15.45	
	LOWER LIMIT		347080		6.71		399527		10.73		286133		14.45	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB43	A8B2146001	595759		7.20		729380		11.23		527388		14.95	
2	MSBD43	A8B2146002	582760		7.20		722308		11.23		513195		14.94	
3	SBLK43	A8B2146003	682128		7.20		841927		11.23		606814		14.94	
4	TP1-S1(10-11)	A8A47501	658467		7.20		811059		11.23		855318		14.95	
5	TP2-S1(1-3)	A8A47502	564652		7.20		684502		11.23		810018		14.95	
6	TP2-S2(8-10)	A8A47503	597406		7.20		727113		11.23		813250		14.95	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	411392		9.47		815338		13.71		194134		5.47	
	UPPER LIMIT	822784		9.97		1630676		14.21		388268		5.97	
	LOWER LIMIT	205696		8.97		407669		13.21		97067		4.97	
	CLIENT SAMPLE	Lab Sample ID											
1	SB-20-S1(4-6)	A8A47507		365641		9.46		671608		13.71		170354		5.47	
2	TP3-S1(4-6)	A8A47504		325414		9.46		702312		13.71		155909		5.47	
3	TP3-S2(7-9)	A8A47505		395757		9.46		822774		13.71		181267		5.47	
4	TP4-S1(8-10)	A8A47506		365491		9.46		749684		13.71		165759		5.47	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

		IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	726611		7.19		872562		11.21		619495		14.93	
	UPPER LIMIT	1453222		7.69		1745124		11.71		1238990		15.43	
	LOWER LIMIT	363306		6.69		436281		10.71		309748		14.43	
	CLIENT SAMPLE	Lab Sample ID											
1	SB-20-S1(4-6)	A8A47507		635456	7.19	749820		11.21		624638		14.94	
2	TP3-S1(4-6)	A8A47504		568445	7.19	703934		11.21		502584		14.93	
3	TP3-S2(7-9)	A8A47505		664743	7.19	839230		11.21		629469		14.93	
4	TP4-S1(8-10)	A8A47506		625223	7.19	757877		11.21		554470		14.93	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		411392		9.47		815338		13.71		194134		5.47	
	UPPER LIMIT		822784		9.97		1630676		14.21		388268		5.97	
	LOWER LIMIT		205696		8.97		407669		13.21		97067		4.97	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082508	A8A47508	339828		9.46		717852		13.71		157566		5.47	
2	MSB49	A8B2149301	362054		9.47		694414		13.71		162349		5.47	
3	MSBD49	A8B2149302	351187		9.47		699590		13.71		158775		5.47	
4	SBLK49	A8B2149303	347243		9.46		718403		13.71		157197		5.47	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002199

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31053.RR Date Analyzed: 09/03/2008

Instrument ID: HP5973V Time Analyzed: 19:38

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		726611		7.19		872562		11.21		619495		14.93	
	UPPER LIMIT		1453222		7.69		1745124		11.71		1238990		15.43	
	LOWER LIMIT		363306		6.69		436281		10.71		309748		14.43	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082508	A8A47508	578759		7.19		768248		11.21		671080		14.93	
2	MSB49	A8B2149301	613792		7.19		766804		11.22		683619		14.93	
3	MSBD49	A8B2149302	587419		7.19		759015		11.22		699269		14.94	
4	SBLK49	A8B2149303	596699		7.19		781582		11.21		686546		14.93	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002212

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31085.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 09:34

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		332358		9.46		728007		13.70		152055		5.46	
	UPPER LIMIT		664716		9.96		1456014		14.20		304110		5.96	
	LOWER LIMIT		166179		8.96		364004		13.20		76028		4.96	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB50	A8B2157501	299018		9.46		692150		13.71		138137		5.46	
2	MSBD50	A8B2157502	294203		9.46		676174		13.71		133940		5.46	
3	SBLK50	A8B2157503	280232		9.46		623479		13.70		127516		5.46	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002212

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31085.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 09:34

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		562907		7.18		710729		11.21		599805		14.92	
	UPPER LIMIT		1125814		7.68		1421458		11.71		1199610		15.42	
	LOWER LIMIT		281454		6.68		355365		10.71		299903		14.42	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB50	A8B2157501	515209		7.18		664462		11.21		643994		14.93	
2	MSBD50	A8B2157502	496834		7.18		630575		11.21		624315		14.93	
3	SBLK50	A8B2157503	471701		7.18		606926		11.21		571863		14.93	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		297482		9.45		637957		13.69		139391		5.45	
	UPPER LIMIT		594964		9.95		1275914		14.19		278782		5.95	
	LOWER LIMIT		148741		8.95		318979		13.19		69696		4.95	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB52	A8B2171801	293802		9.45		655920		13.69		137357		5.45	
2	SBLK52	A8B2171802	280262		9.45		662379		13.69		131386		5.45	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		514257		7.18		630935		11.20		532702		14.92	
	UPPER LIMIT		1028514		7.68		1261870		11.70		1065404		15.42	
	LOWER LIMIT		257129		6.68		315468		10.70		266351		14.42	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB52	A8B2171801	506529		7.17		640555		11.20		727067		14.92	
2	SBLK52	A8B2171802	485483		7.17		621530		11.20		717895		14.92	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		297482		9.45		637957		13.69		139391		5.45	
	UPPER LIMIT		594964		9.95		1275914		14.19		278782		5.95	
	LOWER LIMIT		148741		8.95		318979		13.19		69696		4.95	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082608	A8A47509	258499		9.45		558262		13.69		118248		5.45	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002232

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31120.RR Date Analyzed: 09/04/2008

Instrument ID: HP5973V Time Analyzed: 23:49

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		514257		7.18		630935		11.20		532702		14.92	
	UPPER LIMIT		1028514		7.68		1261870		11.70		1065404		15.42	
	LOWER LIMIT		257129		6.68		315468		10.70		266351		14.42	
	CLIENT SAMPLE	Lab Sample ID												
1	EB082608	A8A47509	446402		7.17		566689		11.20		468819		14.92	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002248

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31153.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973V Time Analyzed: 14:36

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		317397		9.44		604095		13.68		159551		5.44	
	UPPER LIMIT		634794		9.94		1208190		14.18		319102		5.94	
	LOWER LIMIT		158699		8.94		302048		13.18		79776		4.94	
	CLIENT SAMPLE	Lab Sample ID												
1	DUP082808	A8A62905	309857		9.44		588336		13.68		145218		5.44	
2	MW-8 S2 4-6	A8A71301	314260		9.44		601820		13.68		143911		5.44	
3	SB-21 S1-0.5-2.5	A8A62903	322175		9.44		612746		13.68		142077		5.44	
4	SB-21 S4-6.5-8.5	A8A62904	335407		9.44		652621		13.68		153980		5.44	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002248

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): V31153.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973V Time Analyzed: 14:36

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		552294		7.17		655826		11.19		471914		14.91	
	UPPER LIMIT		1104588		7.67		1311652		11.69		943828		15.41	
	LOWER LIMIT		276147		6.67		327913		10.69		235957		14.41	
	CLIENT SAMPLE	Lab Sample ID												
1	DUP082808	A8A62905	525473		7.17		652684		11.19		619753		14.91	
2	MW-8 S2 4-6	A8A71301	525240		7.17		667686		11.19		621956		14.91	
3	SB-21 S1-0.5-2.5	A8A62903	547380		7.17		683927		11.19		628209		14.91	
4	SB-21 S4-6.5-8.5	A8A62904	577258		7.17		712573		11.19		697847		14.91	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002220

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): W26146.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973W Time Analyzed: 11:17

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		256137		9.84		485054		14.04		102034		5.94	
	UPPER LIMIT		512274		10.34		970108		14.54		204068		6.44	
	LOWER LIMIT		128069		9.34		242527		13.54		51017		5.44	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB65	A8B2172001	321868		9.84		560024		14.04		126777		5.94	
2	MW-9 S3,4-5	A8A71801	283097		9.84		536779		14.04		113590		5.94	
3	MW-9 S3,4-5	A8A71801MS	309023		9.84		556870		14.04		123256		5.94	
4	MW-9 S3,4-5	A8A71801SD	244252		9.84		438021		14.04		94458		5.94	
5	SBLK65	A8B2172002	266160		9.84		500496		14.04		106481		5.94	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002220

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): W26146.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973W Time Analyzed: 11:17

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		433230		7.59		474371		11.57		411520		15.29	
	UPPER LIMIT		866460		8.09		948742		12.07		823040		15.79	
	LOWER LIMIT		216615		7.09		237186		11.07		205760		14.79	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB65	A8B2172001	551508		7.59		589330		11.56		503842		15.29	
2	MW-9 S3,4-5	A8A71801	484815		7.59		531519		11.56		556281		15.29	
3	MW-9 S3,4-5	A8A71801MS	533268		7.59		566207		11.56		531380		15.29	
4	MW-9 S3,4-5	A8A71801SD	412178		7.59		451075		11.56		462842		15.29	
5	SBLK65	A8B2172002	456360		7.59		495380		11.56		498170		15.29	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002219

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26207.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973X Time Analyzed: 10:41

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		499660		9.44		691714		13.46		288801		5.86	
	UPPER LIMIT		999320		9.94		1383428		13.96		577602		6.36	
	LOWER LIMIT		249830		8.94		345857		12.96		144401		5.36	
	CLIENT SAMPLE	Lab Sample ID												
1	90 CANAL ST. SUMP	A8A62901	485904		9.44		621365		13.46		269636		5.86	
2	EB082808	A8A62902	475505		9.44		628823		13.45		266554		5.86	
3	MSB39	A8B2163701	528194		9.44		661741		13.45		292625		5.86	
4	SBLK39	A8B2163702	559273		9.44		711127		13.46		315302		5.86	

		AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) =	Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) =	Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) =	1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002219

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26207.RR Date Analyzed: 09/05/2008

Instrument ID: HP5973X Time Analyzed: 10:41

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		1000855		7.38		772779		11.06		614929		14.65	
	UPPER LIMIT		2001710		7.88		1545558		11.56		1229858		15.15	
	LOWER LIMIT		500428		6.88		386390		10.56		307465		14.15	
	CLIENT SAMPLE	Lab Sample ID												
1	90 CANAL ST. SUMP	A8A62901	981393		7.38		726702		11.06		638010		14.65	
2	EB082808	A8A62902	972168		7.38		738967		11.06		627631		14.65	
3	MSB39	A8B2163701	1062322		7.38		788816		11.06		611059		14.65	
4	SBLK39	A8B2163702	1159949		7.38		834763		11.06		669083		14.65	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002236

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26236.RR Date Analyzed: 09/06/2008

Instrument ID: HP5973X Time Analyzed: 09:15

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		391774		9.42		639074		13.44		185985		5.81	
	UPPER LIMIT		783548		9.92		1278148		13.94		371970		6.31	
	LOWER LIMIT		195887		8.92		319537		12.94		92993		5.31	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB40	A8B2172101	394629		9.35		634742		13.40		183011		5.74	
2	SBLK40	A8B2172102	395517		9.36		636444		13.39		197727		5.74	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002236

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26236.RR Date Analyzed: 09/06/2008

Instrument ID: HP5973X Time Analyzed: 09:15

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		694282		7.35		655302		11.03		605140		14.63	
	UPPER LIMIT		1388564		7.85		1310604		11.53		1210280		15.13	
	LOWER LIMIT		347141		6.85		327651		10.53		302570		14.13	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB40	A8B2172101	721475		7.28		685451		10.99		639427		14.58	
2	SBLK40	A8B2172102	753039		7.28		661213		10.99		612730		14.57	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002237

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26272.RR Date Analyzed: 09/08/2008

Instrument ID: HP5973X Time Analyzed: 13:06

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		477506		9.41		724260		13.43		214190		5.82	
	UPPER LIMIT		955012		9.91		1448520		13.93		428380		6.32	
	LOWER LIMIT		238753		8.91		362130		12.93		107095		5.32	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 082908	A8A71302	426801		9.41		767526		13.43		232770		5.82	
2	EB 090208	A8A71802	414154		9.41		772116		13.43		233058		5.82	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002237

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab File ID (Standard): X26272.RR Date Analyzed: 09/08/2008

Instrument ID: HP5973X Time Analyzed: 13:06

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		831160		7.35		872785		11.03		698975		14.63	
	UPPER LIMIT		1662320		7.85		1745570		11.53		1397950		15.13	
	LOWER LIMIT		415580		6.85		436393		10.53		349488		14.13	
	CLIENT SAMPLE	Lab Sample ID												
1	EB 082908	A8A71302	836844		7.35		789413		11.03		908212		14.63	
2	EB 090208	A8A71802	830019		7.35		762581		11.03		915680		14.63	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
Fraction: MB																
chester Gas & Electri	NY3A9052	47	2,2'-Oxybis(1-Chloropropane)	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	17.63663	N		J	
chester Gas & Electri	NY3A9052	47	2,2'-Oxybis(1-Chloropropane)	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.42400	N		J	
chester Gas & Electri	NY3A9052	47	2,4,5-Trichlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	36.81490	N		J	
chester Gas & Electri	NY3A9052	47	2,4,5-Trichlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.98800	N		J	
chester Gas & Electri	NY3A9052	47	2,4,6-Trichlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	11.13659	N		J	
chester Gas & Electri	NY3A9052	47	2,4,6-Trichlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.99400	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dichlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.84975	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dichlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.78700	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dimethylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	45.59644	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dimethylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.96100	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dinitrophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	59.06137	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dinitrophenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	2.22367	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dinitrotoluene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	26.13436	N		J	
chester Gas & Electri	NY3A9052	47	2,4-Dinitrotoluene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.44700	N		J	
chester Gas & Electri	NY3A9052	47	2,6-Dinitrotoluene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	41.30373	N		J	
chester Gas & Electri	NY3A9052	47	2,6-Dinitrotoluene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.50900	N		J	
chester Gas & Electri	NY3A9052	47	2-Chloronaphthalene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	11.32611	N		J	
chester Gas & Electri	NY3A9052	47	2-Chloronaphthalene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.08400	N		J	
chester Gas & Electri	NY3A9052	47	2-Chlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.59328	N		J	
chester Gas & Electri	NY3A9052	47	2-Chlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.50539	N		J	
chester Gas & Electri	NY3A9052	47	2-Methylnaphthalene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.04484	N		J	
chester Gas & Electri	NY3A9052	47	2-Methylnaphthalene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.08200	N		J	
chester Gas & Electri	NY3A9052	47	2-Methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	5.19098	N		J	
chester Gas & Electri	NY3A9052	47	2-Methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.22800	N		J	
chester Gas & Electri	NY3A9052	47	2-Nitroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	54.14509	N		J	
chester Gas & Electri	NY3A9052	47	2-Nitroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	0.49848	N		J	
chester Gas & Electri	NY3A9052	47	2-Nitrophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	7.71638	N		J	
chester Gas & Electri	NY3A9052	47	2-Nitrophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.60314	N		J	
chester Gas & Electri	NY3A9052	47	3,3'-Dichlorobenzidine	CDL	SW8463	8270	CTA34229	S	UG/KG	1600.0000	170.00000	148.00000	N		J	
chester Gas & Electri	NY3A9052	47	3,3'-Dichlorobenzidine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.37496	N		J	
chester Gas & Electri	NY3A9052	47	3-Nitroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	38.81322	N		J	
chester Gas & Electri	NY3A9052	47	3-Nitroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	1.54900	N		J	
chester Gas & Electri	NY3A9052	47	4,6-Dinitro-2-methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	58.29008	N		J	
chester Gas & Electri	NY3A9052	47	4,6-Dinitro-2-methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	2.27400	N		J	
chester Gas & Electri	NY3A9052	47	4-Bromophenyl phenyl ether	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	53.70538	N		J	
chester Gas & Electri	NY3A9052	47	4-Bromophenyl phenyl ether	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.90016	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
roject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	4-Chloro-3-methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	6.94446	N		J	
chester Gas & Electri	NY3A9052	47	4-Chloro-3-methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.59591	N		J	
chester Gas & Electri	NY3A9052	47	4-Chloroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	49.54531	N		J	
chester Gas & Electri	NY3A9052	47	4-Chloroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.33100	N		J	
chester Gas & Electri	NY3A9052	47	4-Chlorophenyl phenyl ether	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.59842	N		J	
chester Gas & Electri	NY3A9052	47	4-Chlorophenyl phenyl ether	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.16700	N		J	
chester Gas & Electri	NY3A9052	47	4-Methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	9.40323	N		J	
chester Gas & Electri	NY3A9052	47	4-Methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.35327	N		J	
chester Gas & Electri	NY3A9052	47	4-Nitroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	18.85580	N		J	
chester Gas & Electri	NY3A9052	47	4-Nitroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	0.45500	N		J	
chester Gas & Electri	NY3A9052	47	4-Nitrophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	40.91715	N		J	
chester Gas & Electri	NY3A9052	47	4-Nitrophenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	1.52500	N		J	
chester Gas & Electri	NY3A9052	47	Acenaphthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.98418	N		J	
chester Gas & Electri	NY3A9052	47	Acenaphthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11200	N		J	
chester Gas & Electri	NY3A9052	47	Acenaphthylene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.38072	N		J	
chester Gas & Electri	NY3A9052	47	Acenaphthylene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.04700	N		J	
chester Gas & Electri	NY3A9052	47	Acetophenone	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.66305	N		J	
chester Gas & Electri	NY3A9052	47	Acetophenone	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	1.02200	N		J	
chester Gas & Electri	NY3A9052	47	Anthracene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.32194	N		J	
chester Gas & Electri	NY3A9052	47	Anthracene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.05595	N		J	
chester Gas & Electri	NY3A9052	47	Atrazine	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	7.51146	N		J	
chester Gas & Electri	NY3A9052	47	Atrazine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	1.08716	N		J	
chester Gas & Electri	NY3A9052	47	Benzaldehyde	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	18.51196	N		J	
chester Gas & Electri	NY3A9052	47	Benzaldehyde	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.26778	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(a)anthracene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.91388	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(a)anthracene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06400	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(a)pyrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.06861	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(a)pyrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.09115	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(b)fluoranthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.27501	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(b)fluoranthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06300	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(ghi)perylene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.02566	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(ghi)perylene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.07800	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(k)fluoranthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.85814	N		J	
chester Gas & Electri	NY3A9052	47	Benzo(k)fluoranthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06600	N		J	
chester Gas & Electri	NY3A9052	47	Biphenyl	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	10.51428	N		J	
chester Gas & Electri	NY3A9052	47	Biphenyl	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06537	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethoxy) methane	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	9.18259	N		J	

T - Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
roject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethoxy) methane	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.37559	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethyl) ether	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	14.57441	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethyl) ether	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.18000	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-ethylhexyl) phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	54.38616	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-ethylhexyl) phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	4.76000	N		J	
chester Gas & Electri	NY3A9052	47	Butyl benzyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	45.32835	N		J	
chester Gas & Electri	NY3A9052	47	Butyl benzyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	1.74000	N		J	
chester Gas & Electri	NY3A9052	47	Caprolactam	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	170.00000	73.02415	N		J	
chester Gas & Electri	NY3A9052	47	Caprolactam	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	5.00000	4.59000	N		J	
chester Gas & Electri	NY3A9052	47	Carbazole	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.95306	N		J	
chester Gas & Electri	NY3A9052	47	Carbazole	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.08900	N		J	
chester Gas & Electri	NY3A9052	47	Chrysene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.68779	N		J	
chester Gas & Electri	NY3A9052	47	Chrysene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.27300	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-butyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	58.34917	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-butyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.29921	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-octyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.94792	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-octyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.24100	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzo(a,h)anthracene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.98543	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzo(a,h)anthracene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.20000	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzofuran	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.75662	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzofuran	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.09800	N		J	
chester Gas & Electri	NY3A9052	47	Diethyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	5.09952	N		J	
chester Gas & Electri	NY3A9052	47	Diethyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11000	N		J	
chester Gas & Electri	NY3A9052	47	Dimethyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.40366	N		J	
chester Gas & Electri	NY3A9052	47	Dimethyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.30000	N		J	
chester Gas & Electri	NY3A9052	47	Fluoranthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.44588	N		J	
chester Gas & Electri	NY3A9052	47	Fluoranthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.09806	N		J	
chester Gas & Electri	NY3A9052	47	Fluorene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.88915	N		J	
chester Gas & Electri	NY3A9052	47	Fluorene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.07400	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobenzene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.38584	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobenzene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.44536	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobutadiene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.63759	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobutadiene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	2.59500	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorocyclopentadiene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	51.03698	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorocyclopentadiene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	2.50000	N		J	
chester Gas & Electri	NY3A9052	47	Hexachloroethane	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	13.06357	N		J	
chester Gas & Electri	NY3A9052	47	Hexachloroethane	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	2.82400	N		J	

T - Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	Indeno(1,2,3-cd)pyrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.66924	N		J	
chester Gas & Electri	NY3A9052	47	Indeno(1,2,3-cd)pyrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.15300	N		J	
chester Gas & Electri	NY3A9052	47	Isophorone	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.43613	N		J	
chester Gas & Electri	NY3A9052	47	Isophorone	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.32027	N		J	
chester Gas & Electri	NY3A9052	47	N-Nitroso-Di-n-propylamine	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	13.36969	N		J	
chester Gas & Electri	NY3A9052	47	N-Nitroso-Di-n-propylamine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.45200	N		J	
chester Gas & Electri	NY3A9052	47	N-nitrosodiphenylamine	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	9.22816	N		J	
chester Gas & Electri	NY3A9052	47	N-nitrosodiphenylamine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.26000	N		J	
chester Gas & Electri	NY3A9052	47	Naphthalene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.80953	N		J	
chester Gas & Electri	NY3A9052	47	Naphthalene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11600	N		J	
chester Gas & Electri	NY3A9052	47	Nitrobenzene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	7.48254	N		J	
chester Gas & Electri	NY3A9052	47	Nitrobenzene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.53800	N		J	
chester Gas & Electri	NY3A9052	47	Pentachlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	330.00000	57.89626	N		J	
chester Gas & Electri	NY3A9052	47	Pentachlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	5.14000	N		J	
chester Gas & Electri	NY3A9052	47	Phenanthrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.54216	N		J	
chester Gas & Electri	NY3A9052	47	Phenanthrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11300	N		J	
chester Gas & Electri	NY3A9052	47	Phenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	17.76801	N		J	
chester Gas & Electri	NY3A9052	47	Phenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.44600	N		J	
chester Gas & Electri	NY3A9052	47	Pyrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.09282	N		J	
chester Gas & Electri	NY3A9052	47	Pyrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06820	N		J	

10823648

Sample Data

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: X26231.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
208-96-8	Acenaphthylene	9	U
98-86-2	Acetophenone	9	U
120-12-7	Anthracene	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
56-55-3	Benzo(a)anthracene	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
191-24-2	Benzo(ghi)perylene	9	U
50-32-8	Benzo(a)pyrene	9	U
92-52-4	Biphenyl	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
85-68-7	Butyl benzyl phthalate	9	U
106-47-8	4-Chloroaniline	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-58-7	2-Chloronaphthalene	9	U
95-57-8	2-Chlorophenol	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
105-60-2	Caprolactam	47	U
86-74-8	Carbazole	9	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	9	U
132-64-9	Dibenzofuran	9	U
84-74-2	Di-n-butyl phthalate	0.6	J
91-94-1	3,3'-Dichlorobenzidine	9	U
120-83-2	2,4-Dichlorophenol	9	U
84-66-2	Diethyl phthalate	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: X26231.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	9	U
131-11-3	Dimethyl phthalate	9	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
51-28-5	2,4-Dinitrophenol	47	U
121-14-2	2,4-Dinitrotoluene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
117-84-0	Di-n-octyl phthalate	9	U
206-44-0	Fluoranthene	9	U
86-73-7	Fluorene	9	U
118-74-1	Hexachlorobenzene	9	U
87-68-3	Hexachlorobutadiene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
67-72-1	Hexachloroethane	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
78-59-1	Isophorone	9	U
91-57-6	2-Methylnaphthalene	9	U
95-48-7	2-Methylphenol	9	U
106-44-5	4-Methylphenol	9	U
91-20-3	Naphthalene	9	U
88-74-4	2-Nitroaniline	47	U
99-09-2	3-Nitroaniline	47	U
100-01-6	4-Nitroaniline	47	U
98-95-3	Nitrobenzene	9	U
88-75-5	2-Nitrophenol	9	U
100-02-7	4-Nitrophenol	47	U
86-30-6	N-nitrosodiphenylamine	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
87-86-5	Pentachlorophenol	47	U
85-01-8	Phenanthrene	9	U
108-95-2	Phenol	9	U
129-00-0	Pyrene	9	U
95-95-4	2,4,5-Trichlorophenol	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: X26231.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

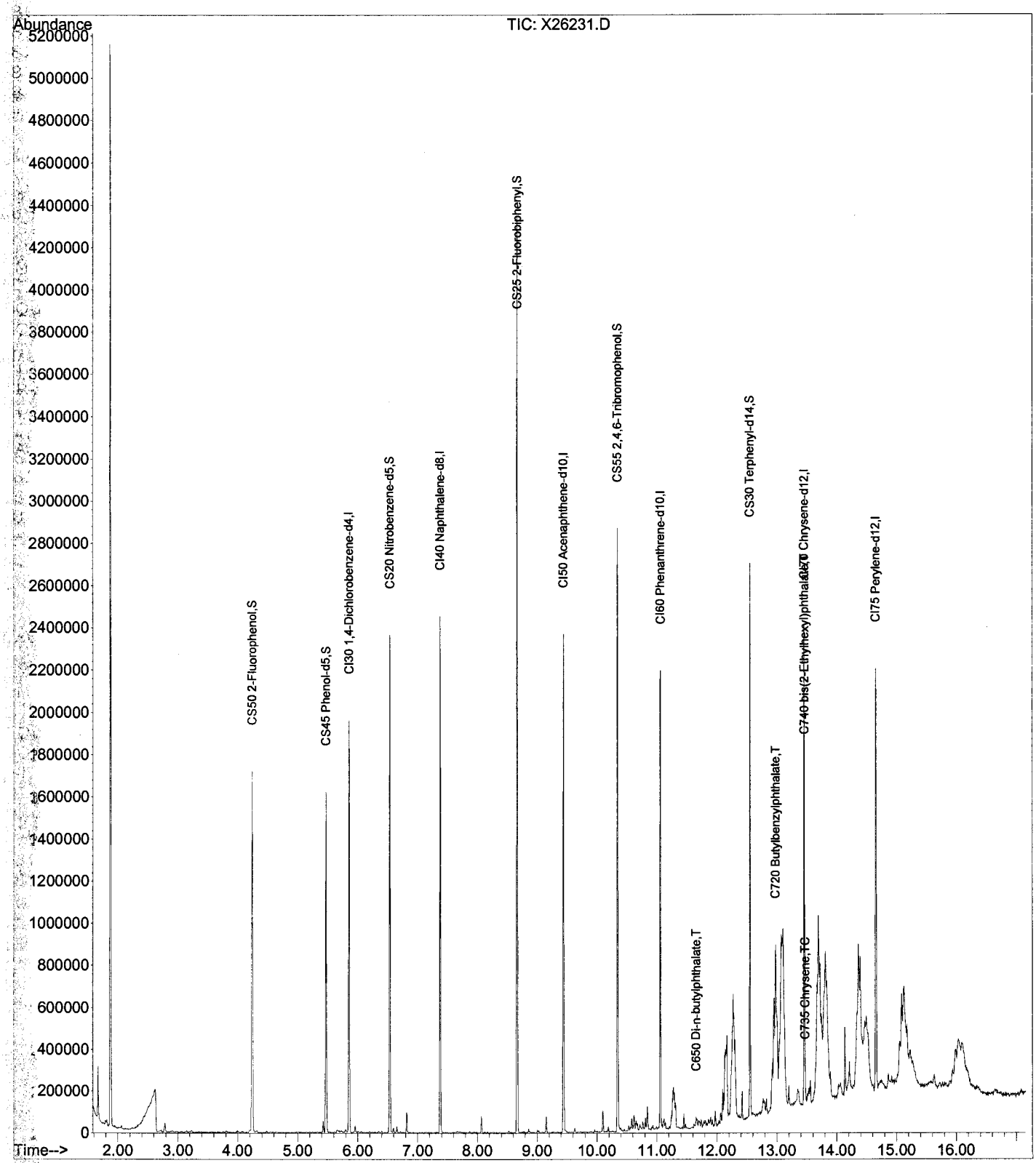
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	9	U

Data File : D:\DATA\090508\X26231.D Vial: 26
Acq On : 5 Sep 2008 19:49 Operator: AJ
Sample : A8A62901 AW80015877 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 08 10:08:01 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) **1088/3648**

Data File : D:\DATA\090508\X26231.D Vial: 26
Acq On : 5 Sep 2008 19:49 Operator: AJ
Sample : A8A62901 AW80015877 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 10:08:01 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	269636	40.00	ng	0.00 93.36%
20) CI40 Naphthalene-d8	7.38	136	981393	40.00	ng	0.00 98.05%
35) CI50 Acenaphthene-d10	9.44	164	485904	40.00	ng	0.00 97.25%
56) CI60 Phenanthrene-d10	11.06	188	726702	40.00	ng	0.00 94.04%
68) CI70 Chrysene-d12	13.45	240	621365	40.00	ng	0.00 89.83%
78) CI75 Perylene-d12	14.65	264	638010	40.00	ng	0.00 103.75%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.24	112	522952	50.74	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.83%			
5) CS45 Phenol-d5	5.47	99	507820	40.39	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.93%			
16) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.53	82	691072	67.64	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.64%			
39) CS25 2-Fluorobiphenyl	8.67	172	1193904	67.78	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 67.78%			
59) CS55 2,4,6-Tribromophenol	10.34	330	248483	137.04	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 91.36%			
71) CS30 Terphenyl-d14	12.55	244	624276	47.08	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 47.08%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	d
4) C325 bis(2-Chloroethyl)e	5.48	93	523	N.D.	
7) C315 Phenol	5.49	94	1153	N.D.	
8) C330 2-Chlorophenol	5.61	128	217	N.D.	
9) C320 aniline	5.48	93	523	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	6.06	108	819	N.D.	
15) C360 bis(2-chloroisoprop	6.21	45	181	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	6.35	70	189	N.D.	
19) C365 4-Methylphenol	6.53	108	203	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	d
23) C415 Isophorone	6.62	82	997	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	d
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	7.38	93	160	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

Data File : D:\DATA\090508\X26231.D Vial: 26
Acq On : 5 Sep 2008 19:49 Operator: AJ
Sample : A8A62901 AW80015877 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 10:08:01 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS/QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.40	128	1413	N.D.	
31) C455 4-Chloroaniline	7.47	127	181	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	8.22	142	340	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	8.79	162	499	N.D.	
41) C530 2-Nitroaniline	10.14	65	163	N.D.	
42) C540 Acenaphthylene	9.27	152	186	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	9.20	165	361	N.D.	
45) C550 Acenaphthene	9.48	153	727	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.68	168	948	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	9.82	109	173	N.D.	
51) C590 Fluorene	10.07	166	676	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	9.98	149	814	N.D.	
54) C620 1,2-diphenylhydrazi	10.26	77	608	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	10.06	169	171	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.08	178	3654	N.D.	
64) C645 Anthracene	11.08	178	3654	N.D.	
65) C647 carbazole	11.32	167	198	N.D.	
66) C650 Di-n-butylphthalate	11.65	149	17220	0.69 ng	98
67) C655 Fluoranthene	12.20	202	1900	N.D.	
69) C715 Pyrene	12.41	202	1494	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	12.98	149	10784	1.05 ng	81
73) C725 3,3'-Dichlorobenzid	13.10	252	191	N.D.	
74) C730 Benzo[a]anthracene	13.45	228	2527	N.D.	
75) C735 Chrysene	13.48	228	13070	0.69 ng	89
76) C740 bis(2-Ethylhexyl)phth	13.47	149	19102	1.31 ng	88
77) C760 Di-n-octylphthalate	14.03	149	3428	N.D.	
79) C765 Benzo[b]fluoranthen	14.35	252	557	N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d	
81) C775 Benzo[a]pyrene	14.66	252	3847	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.63	276	326	N.D.	
83) C785 Dibenz[a,h]anthrace	15.64	278	372	N.D.	
84) C790 Benzo[g,h,i]perylen	15.91	276	468	N.D.	

6#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\X26231.D Vial: 26
Acq On : 5 Sep 2008 19:49 Operator: AJ
Sample : A8A62901 AW80015877 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 12:53:19 2008 Results File: A8I0608.RES

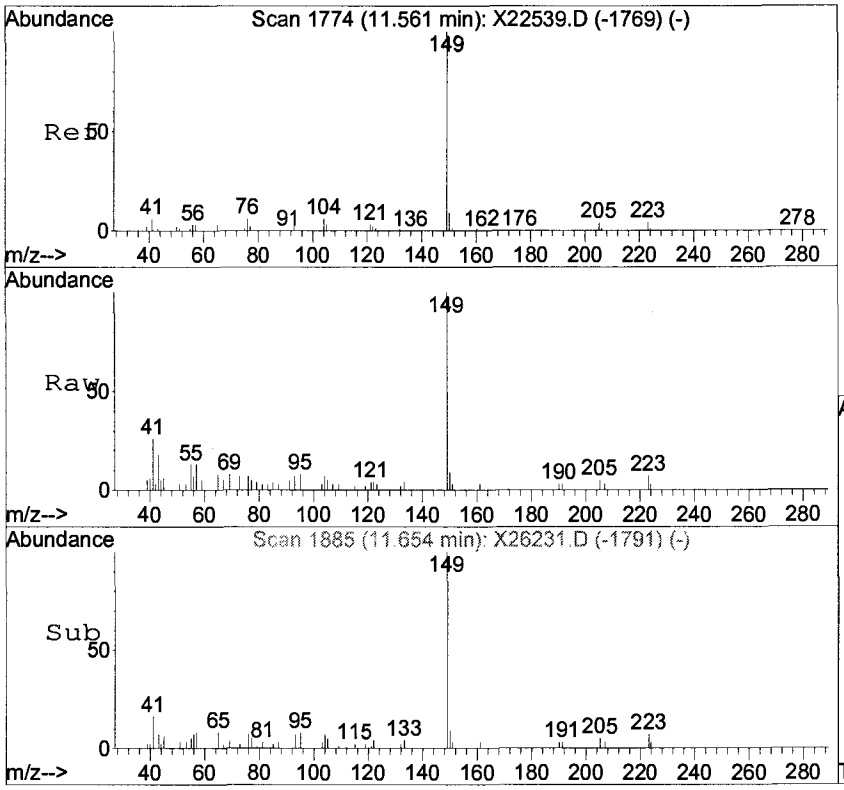
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Sep 08 12:52:57 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

SS 9/8/08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	269636	40.00 ng	0.00 74.66%
4) CI40 Naphthalene-d8	7.38	136	981393	40.00 ng	0.00 77.17%
7) CI50 Acenaphthene-d8	9.44	164	485904	40.00 ng	0.00 90.55%
10) CI60 Phenanthrene-d10	11.06	188	726702	40.00 ng	0.00 93.83%
12) CI70 Chrysene-d12	13.45	240	621365	40.00 ng	0.00 75.30%
13) CI75 Perylene-d12	14.65	264	638010	40.00 ng	0.00 55.78%
Target Compounds					Qvalue
2) E600 Benzaldehyde	5.34	77	855	N.D.	
3) E145 Acetophenone	6.33	105	182	N.D.	
5) E655 Caprolactam	7.99	113	189	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.78	154	2050	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

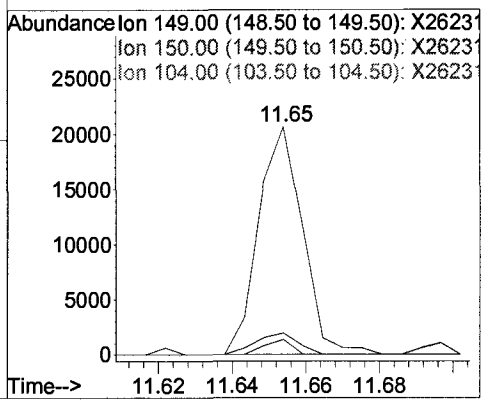
(#) = qualifier out of range (m) = manual integration (+) = signals summed

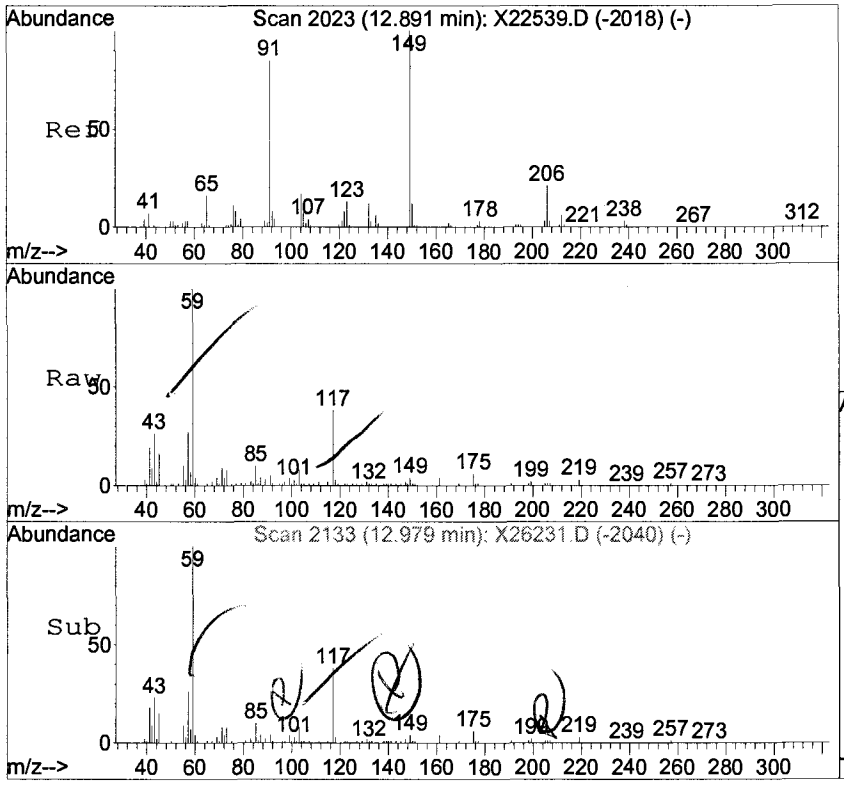
MM 9/23/2008



#66
C650 Di-n-butylphthalate
Concen: 0.69 ng
RT: 11.65 min Scan# 1885
Delta R.T. 0.00 min
Lab File: X26231.D
Acq: 5 Sep 2008 19:49

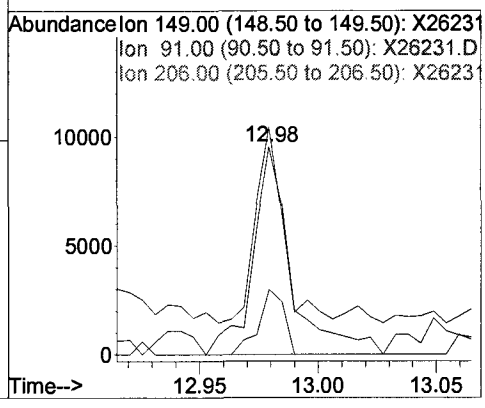
Tgt Ion:149	Resp:	17220	
Ion	Ratio	Lower	Upper
149	100		
150	9.5	0.0	29.0
104	6.6	0.0	25.3

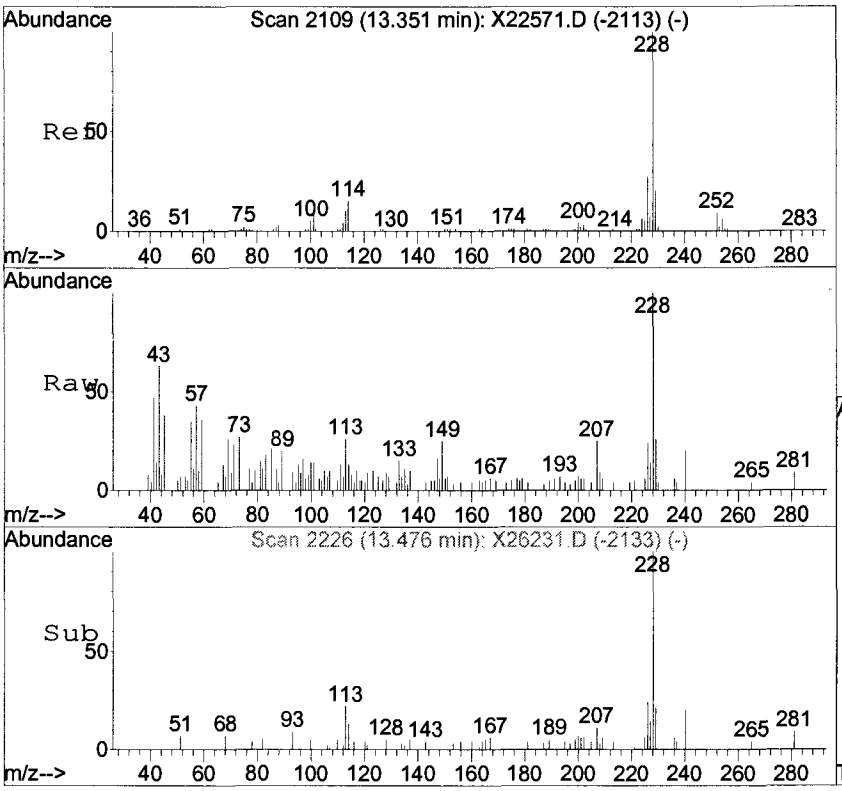




#72
C720 Butylbenzylphthalate
Concen: 1.05 ng
RT: 12.98 min Scan# 2133
Delta R.T. -0.01 min
Lab File: X26231.D
Acq: 5 Sep 2008 19:49

Tgt Ion:149	Resp:	10784	
Ion	Ratio	Lower	Upper
149	100		
91	94.3	57.1	97.1
206	31.3	2.9	42.9

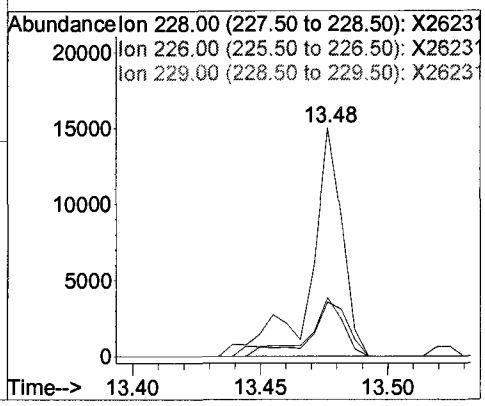


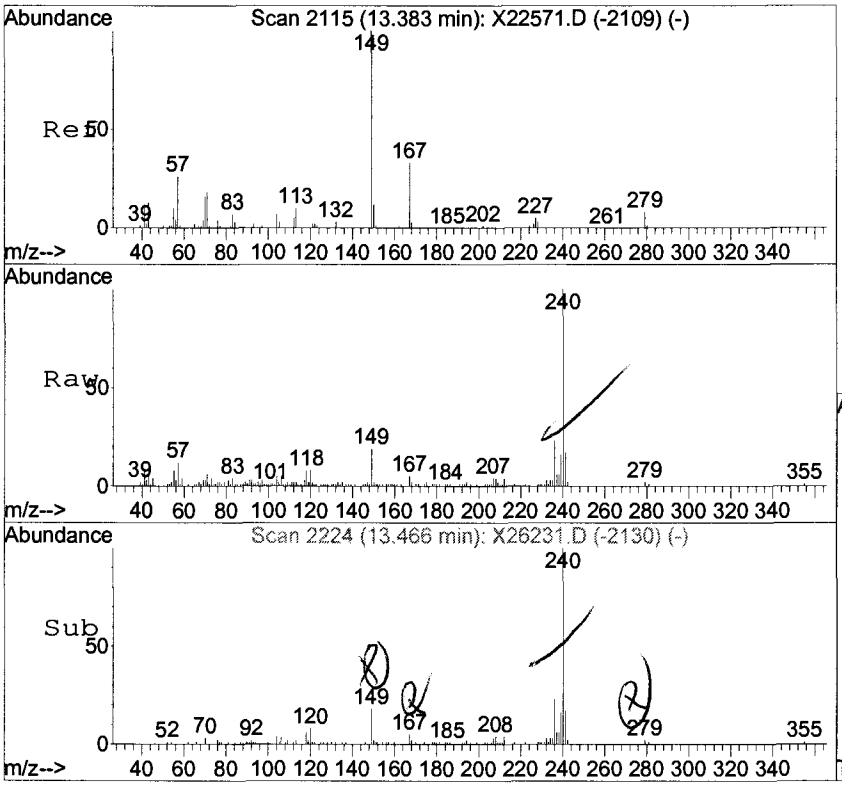


#75
C735 Chrysene
Concen: 0.69 ng
RT: 13.48 min Scan# 2226
Delta R.T. -0.01 min
Lab File: X26231.D
Acq: 5 Sep 2008 19:49

Tgt Ion:228 Resp: 13070

Ion	Ratio	Lower	Upper
228	100		
226	23.7	8.5	48.5
229	25.7	0.0	39.5

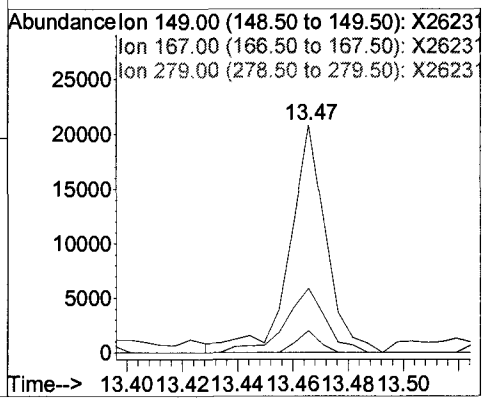




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 1.31 ng
RT: 13.47 min Scan# 2224
Delta R.T. 0.00 min
Lab File: X26231.D
Acq: 5 Sep 2008 19:49

Tgt Ion:149 Resp: 19102

Ion	Ratio	Lower	Upper
149	100		
167	28.1	16.2	56.2
279	9.6	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V31170.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	17	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	55	J
205-99-2	Benzo(b)fluoranthene	44	J
207-08-9	Benzo(k)fluoranthene	22	J
191-24-2	Benzo(ghi)perylene	38	J
50-32-8	Benzo(a)pyrene	46	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	67	BJ
53-70-3	Dibenzo(a,h)anthracene	11	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V31170.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	79	J
86-73-7	Fluorene	9	J
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	31	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	100	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	72	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	81	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62905

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V31170.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

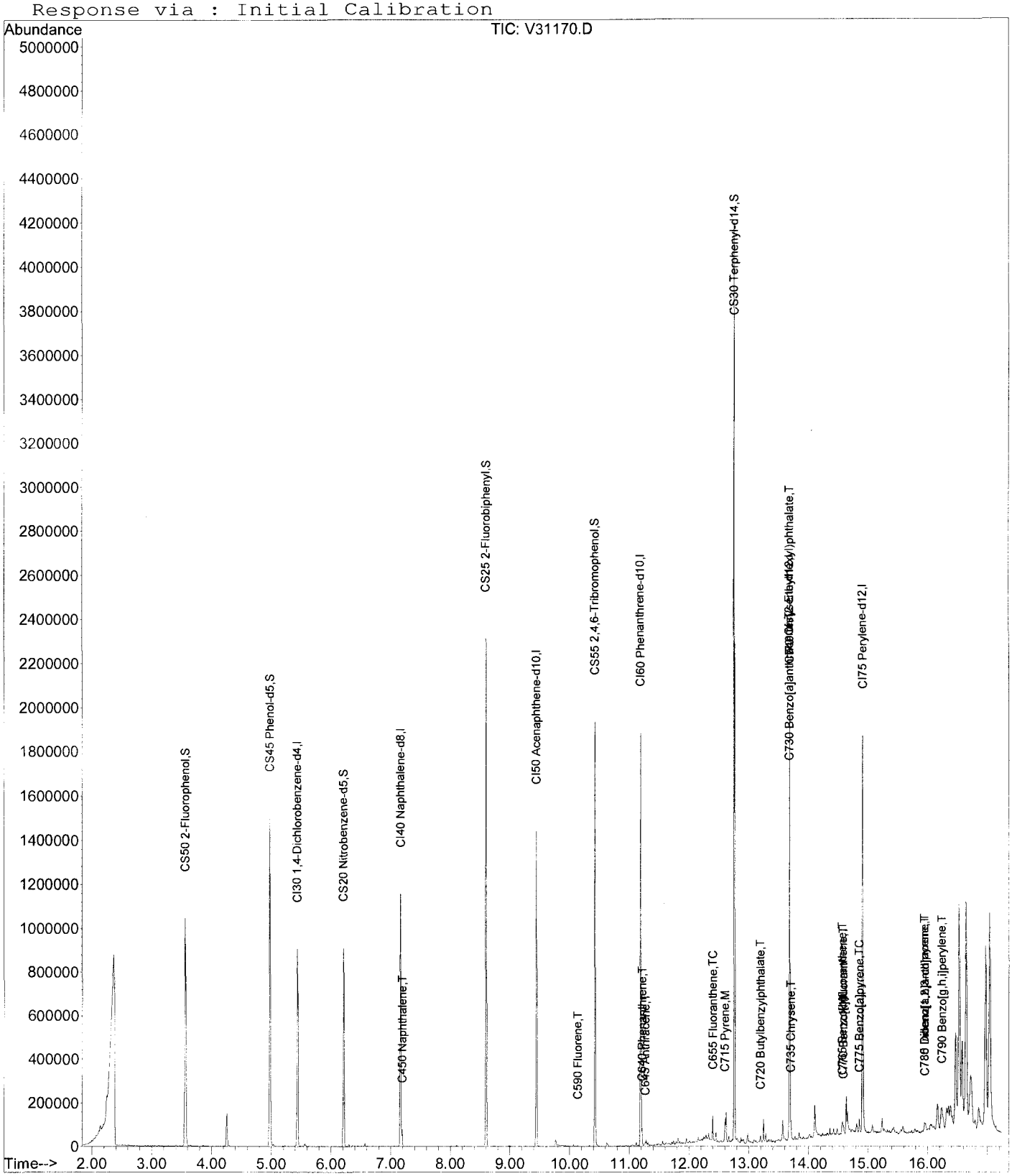
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:21 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:43 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

SSW 9/9/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	145218	40.00	ng	0.00 91.02%
20) CI40 Naphthalene-d8	7.17	136	525473	40.00	ng	0.00 95.14%
35) CI50 Acenaphthene-d10	9.44	164	309857	40.00	ng	0.00 97.62%
56) CI60 Phenanthrene-d10	11.19	188	652684	40.00	ng	0.00 99.52%
68) CI70 Chrysene-d12	13.68	240	588336	40.00	ng	0.00 97.39%
78) CI75 Perylene-d12	14.91	264	619753	40.00	ng	0.00 131.33%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.56	112	341236	62.35	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 41.57%			
5) CS45 Phenol-d5	4.98	99	543952	77.42	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 51.61%			
6) CS70 2-chlorophenol-d4	5.04	132	210	0.04	ng	-0.09
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.21	82	319715	47.51	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 47.51%			
39) CS25 2-Fluorobiphenyl	8.60	172	674361	57.98	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 57.98%			
59) CS55 2,4,6-Tribromophenol	10.43	330	181004	133.81	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 89.21%			
71) CS30 Terphenyl-d14	12.76	244	1047786	78.64	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 78.64%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	4.99	94	353	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.
16) C355 2-Methylphenol	5.44	108	679	N.D.
17) C375 Hexachloroethane	6.22	117	180	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.24	77	160	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.

mm 9/2/2008

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:43 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A810579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.			
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.			
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.			
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.			
30)	C450 Naphthalene	7.19	128	36474	2.55	ng		99
31)	C455 4-Chloroaniline	0.00	127	0	N.D.	d		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.			
34)	C470 2-Methylnaphthalene	8.11	142	1617	N.D.			
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.	d		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.			
42)	C540 Acenaphthylene	9.26	152	1739	N.D.			
43)	C535 Dimethylphthalate	0.00	163	0	N.D.			
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45)	C550 Acenaphthene	9.49	153	1328	N.D.			
46)	C545 3-Nitroaniline	8.60	138	243	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	9.71	168	2117	N.D.			
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50)	C560 4-Nitrophenol	0.00	109	0	N.D.			
51)	C590 Fluorene	10.14	166	2751	0.24	ng	#	58
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.			
53)	C580 Diethylphthalate	0.00	149	0	N.D.			
54)	C620 1,2 diphenylhydrazine	10.42	77	1892	N.D.			
55)	C595 4-Nitroaniline	0.00	138	0	N.D.			
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.			
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	0.00	266	0	N.D.			
63)	C640 Phenanthrene	11.22	178	29398	1.83	ng		93
64)	C645 Anthracene	11.27	178	7373	0.44	ng		97
65)	C647 carbazole	11.46	167	2576	N.D.			
66)	C650 Di-n-butylphthalate	11.67	149	172	N.D.			
67)	C655 Fluoranthene	12.40	202	41162	2.01	ng		93
69)	C715 Pyrene	12.61	202	40348	2.05	ng		91
70)	C710 benzidine	12.46	184	170	N.D.			
72)	C720 Butylbenzylphthalate	13.20	149	5714	0.68	ng	#	70
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.			
74)	C730 Benzo[a]anthracene	13.67	228	25568	1.39	ng		90
75)	C735 Chrysene	13.71	228	30343	1.69	ng		94
76)	C740 bis(2-Ethylhexyl)phth	13.68	149	13604	1.17	ng		95
77)	C760 Di-n-octylphthalate	14.50	149	2573	N.D.			
79)	C765 Benzo[b]fluoranthene	14.57	252	25872m	1.13	ng		87
80)	C770 Benzo[k]fluoranthene	14.59	252	12022m	0.57	ng		89
81)	C775 Benzo[a]pyrene	14.85	252	23271	1.17	ng		96
82)	C780 Indeno[1,2,3-cd]pyren	15.95	276	17598	0.78	ng		89
83)	C785 Dibenz[a,h]anthracene	15.95	278	5302	0.28	ng		72
84)	C790 Benzo[g,h,i]perylene	16.25	276	18299	0.97	ng		92

MD 9/9/08

9/23/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 09 14:39:01 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	145218	40.00	ng	-0.02 91.77%
4) CI40 Naphthalene-d8	7.17	136	525473	40.00	ng	-0.01 94.04%
7) CI50 Acenaphthene-d10	9.44	164	309857	40.00	ng	-0.01 96.09%
10) CI60 Phenanthrene-d10	11.19	188	652684	40.00	ng	-0.01 102.94%
12) CI70 Chrysene-d12	13.68	240	588336	40.00	ng	0.00 86.69%
13) CI75 Perylene-d12	14.91	264	619753	40.00	ng	-0.01 114.11%

Target Compounds					Qvalue
2) E600 Benzaldehyde	4.97	77	676	N.D.	
3) E145 Acetophenone	5.84	105	412	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.72	154	2116	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

mm 9/23/08

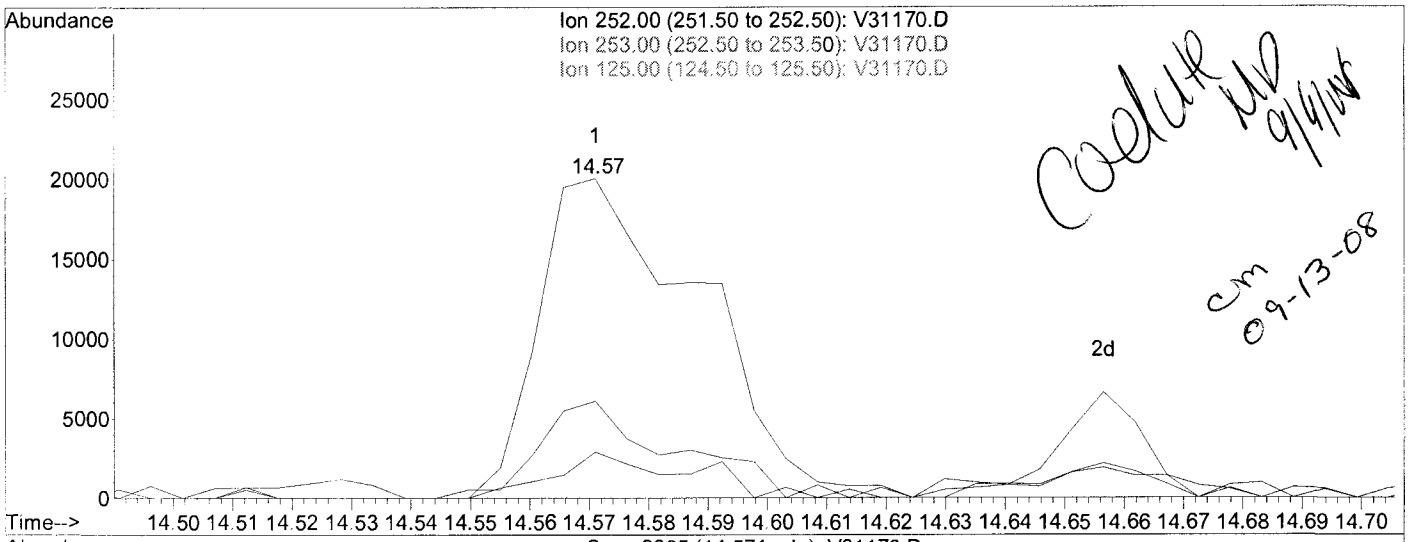
(#) = qualifier out of range (m) = manual integration

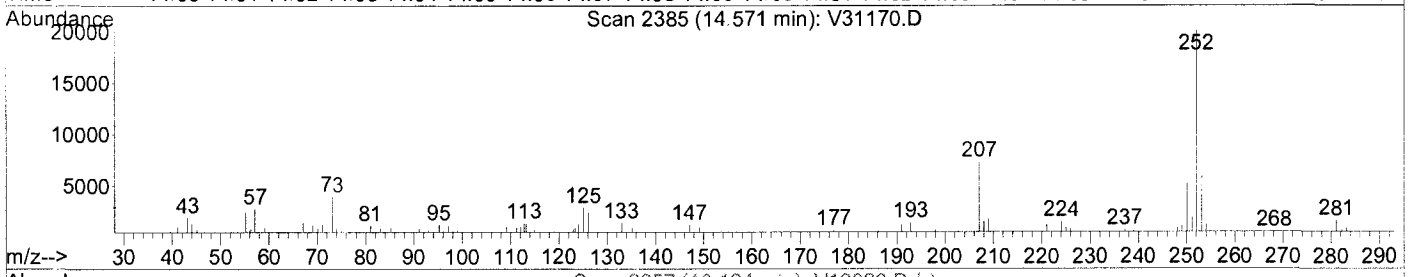
Quantitation Report (Qedit)

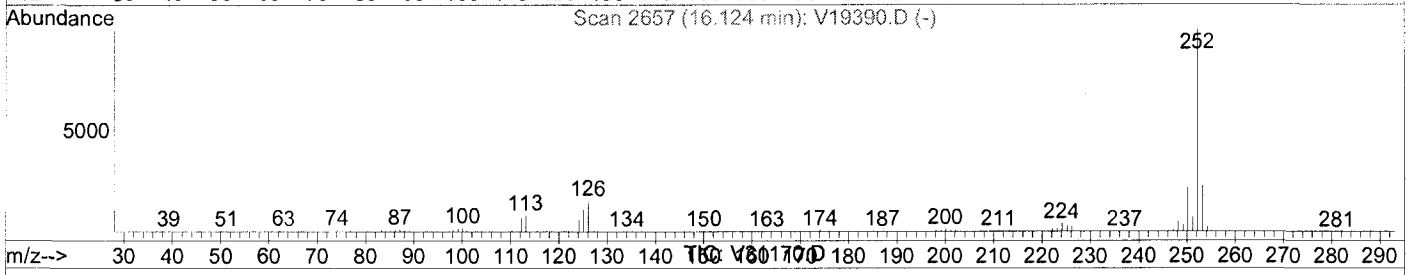
Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:21 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.57min 1.65ng

response 37897

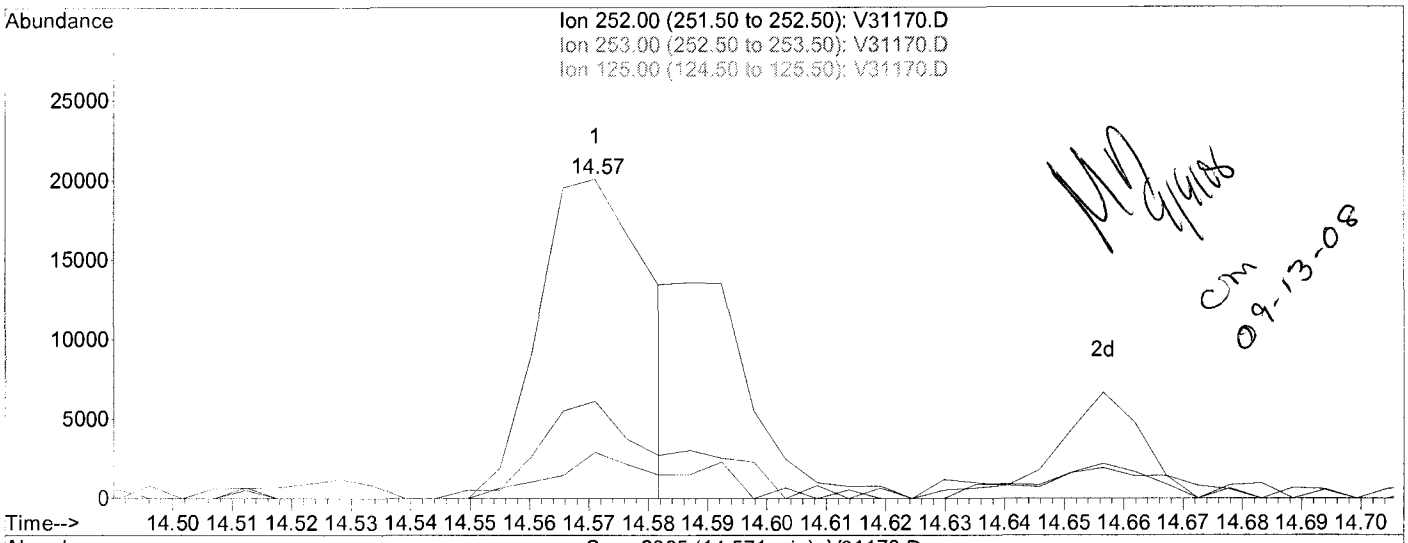
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	30.40
125.00	17.90	14.44
0.00	0.00	0.00

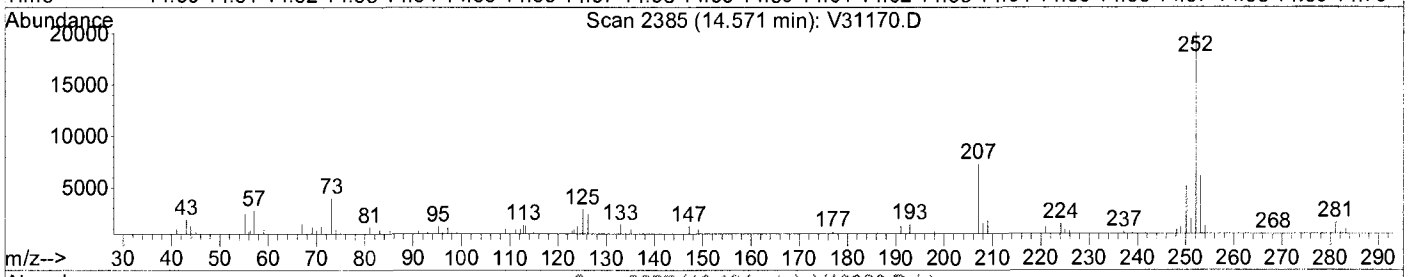
Quantitation Report (Qedit)

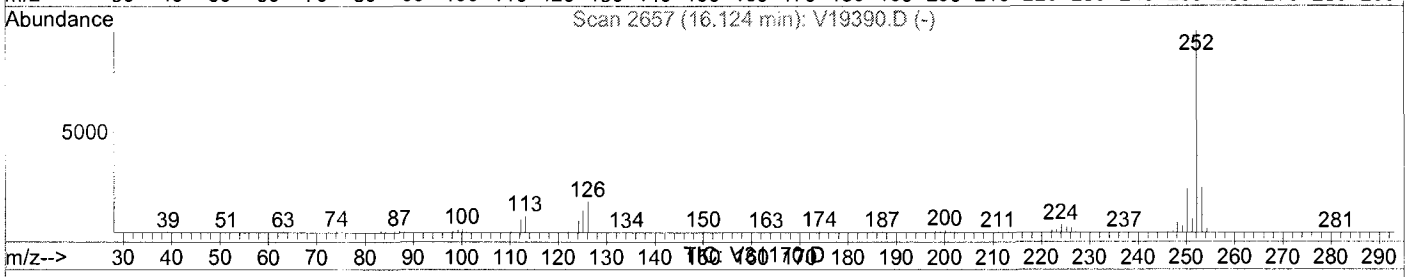
Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:21 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.57min 1.13ng m

response 25872

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	30.40
125.00	17.90	14.44
0.00	0.00	0.00

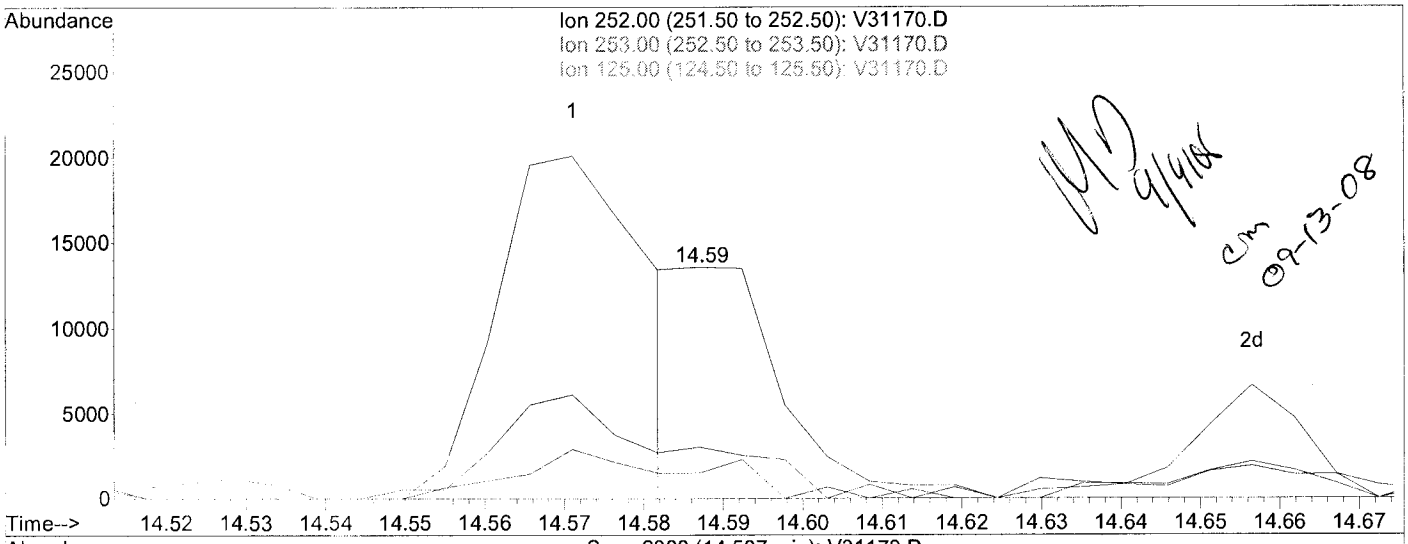
09-13-08

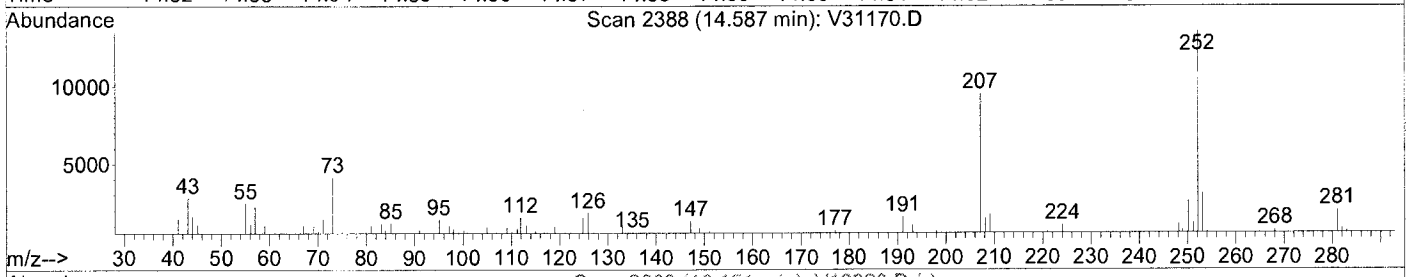
Quantitation Report (Qedit)

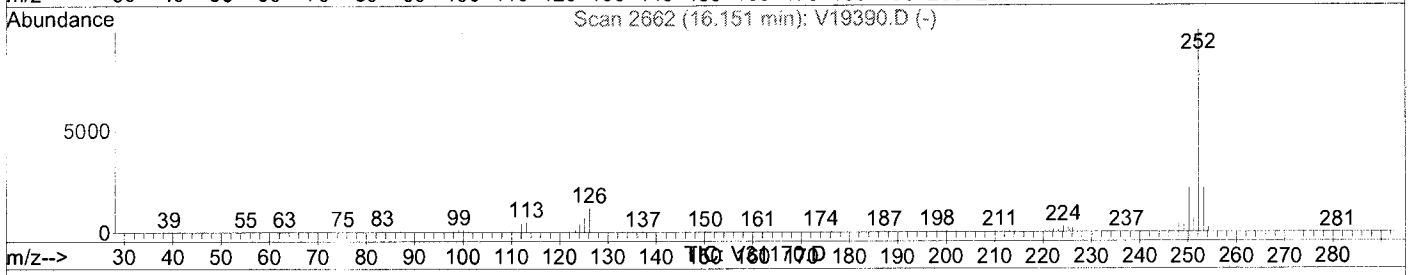
Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:21 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration





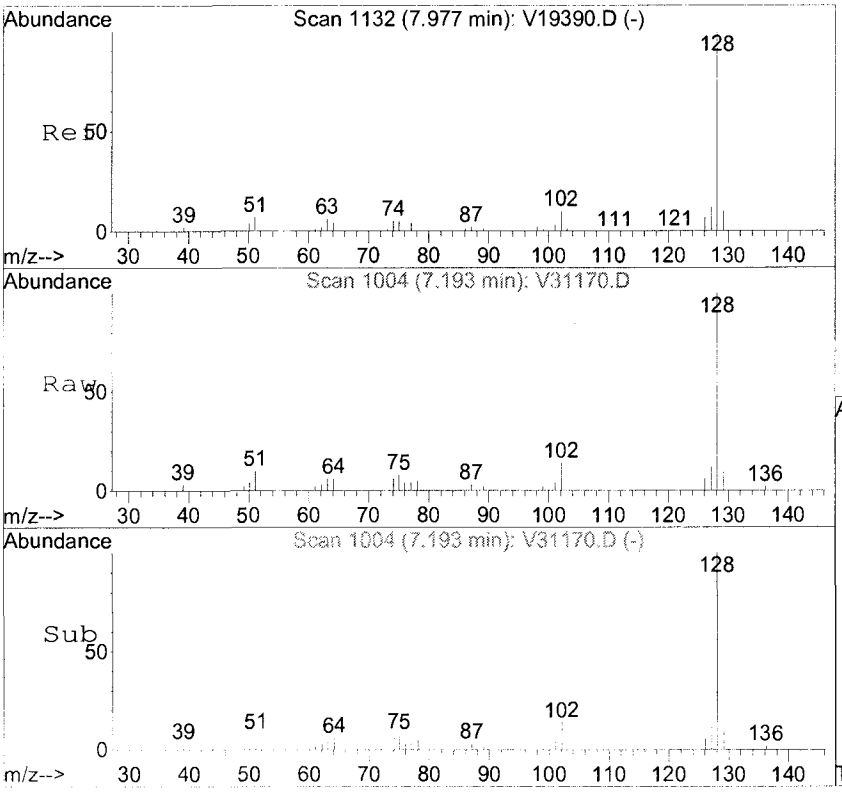


(80) C770 Benzo[k]fluoranthene (T)

14.59min 0.57ng m

response 12022

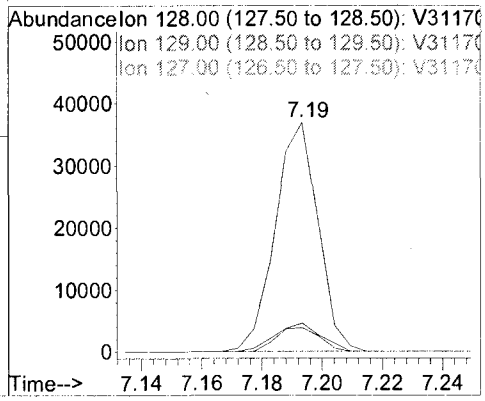
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.31
125.00	16.20	11.04
0.00	0.00	0.00

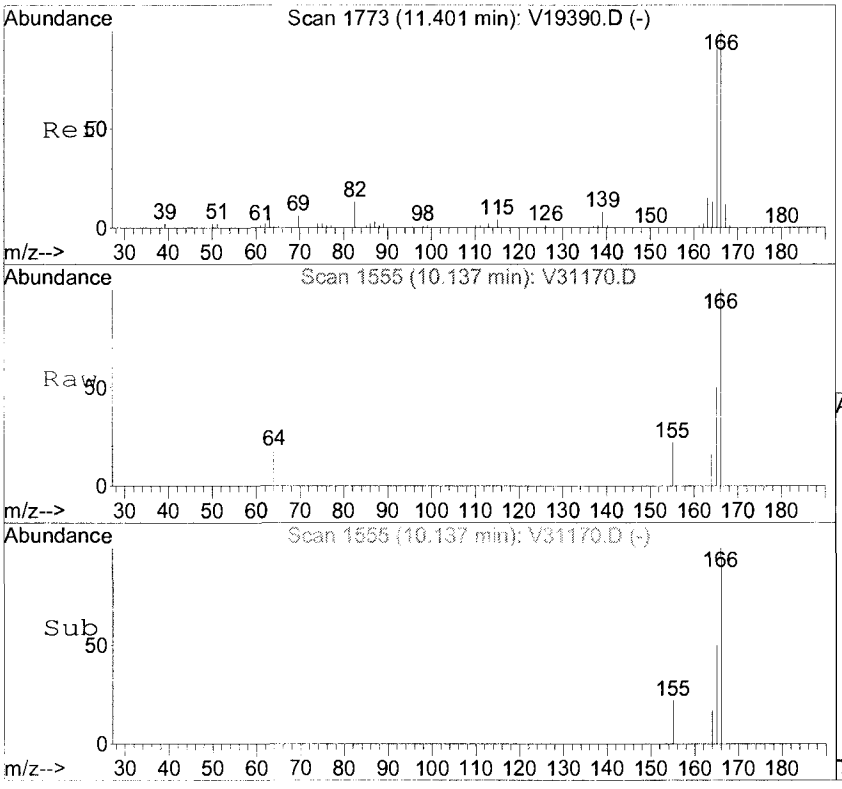


#30
C450 Naphthalene
Concen: 2.55 ng
RT: 7.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:128 Resp: 36474

Ion	Ratio	Lower	Upper
128	100		
129	10.5	0.0	30.6
127	12.4	0.0	32.0

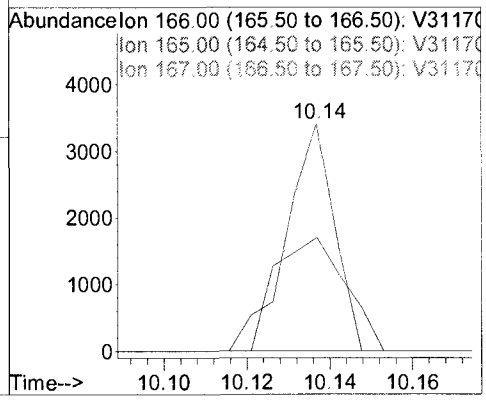


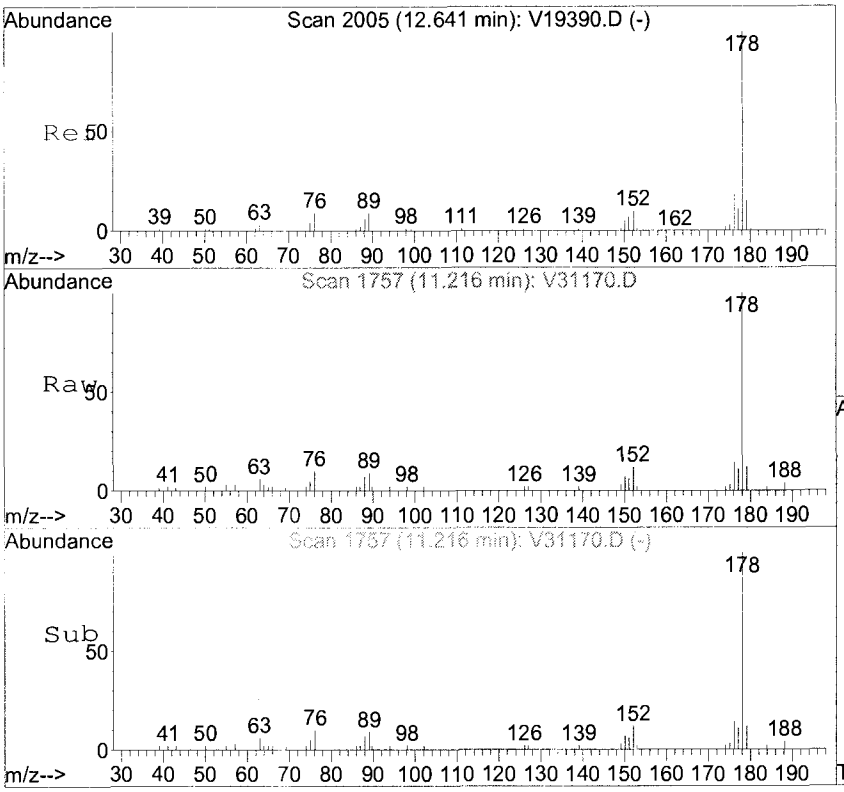


#51
C590 Fluorene
Concen: 0.24 ng
RT: 10.14 min Scan# 1555
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:166 Resp: 2751

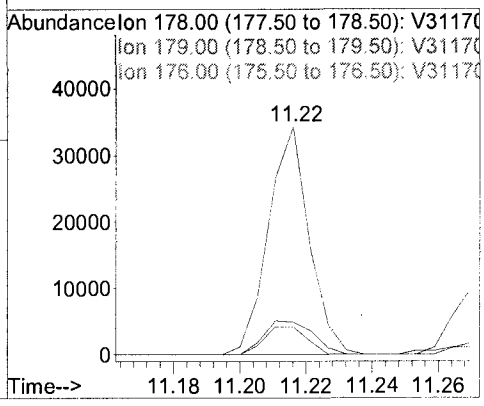
Ion	Ratio	Lower	Upper
166	100		
165	49.7	71.4	111.4#
167	0.0	0.0	33.1

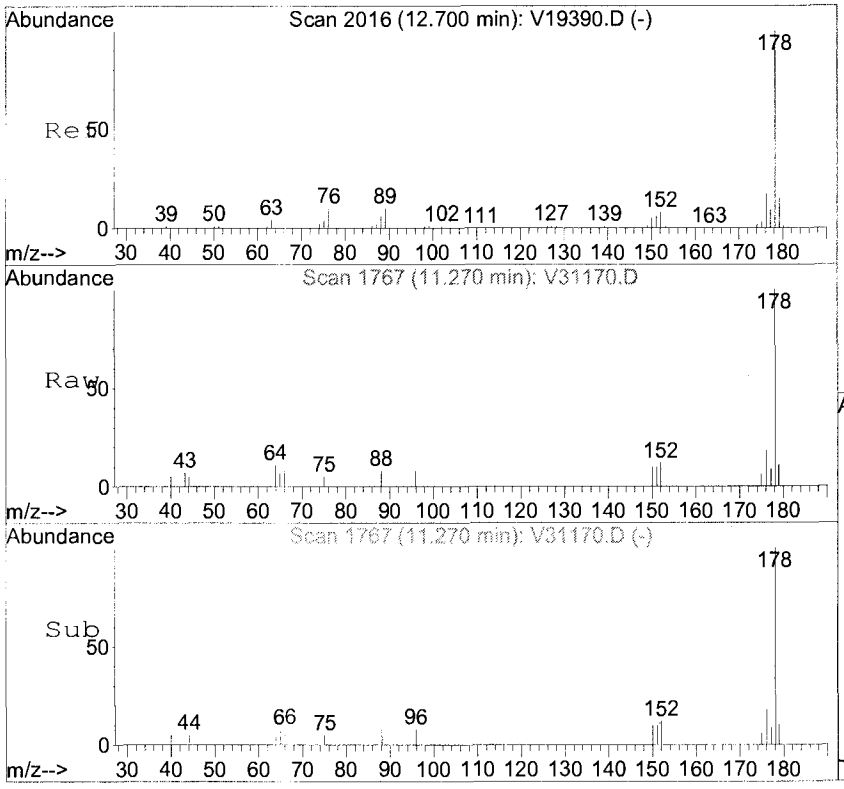




#63
C640 Phenanthrene
Concen: 1.83 ng
RT: 11.22 min Scan# 1757
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

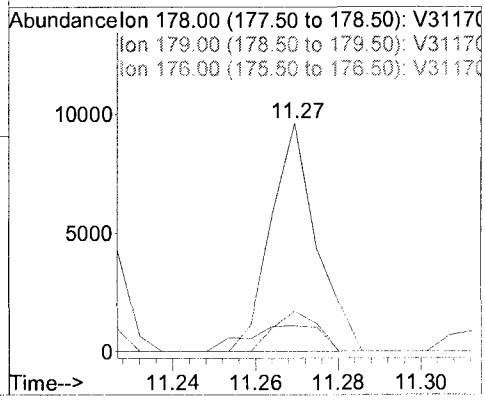
Tgt Ion:178	Resp:	29398	
Ion	Ratio	Lower	Upper
178	100		
179	12.2	0.0	34.2
176	14.2	0.0	38.0

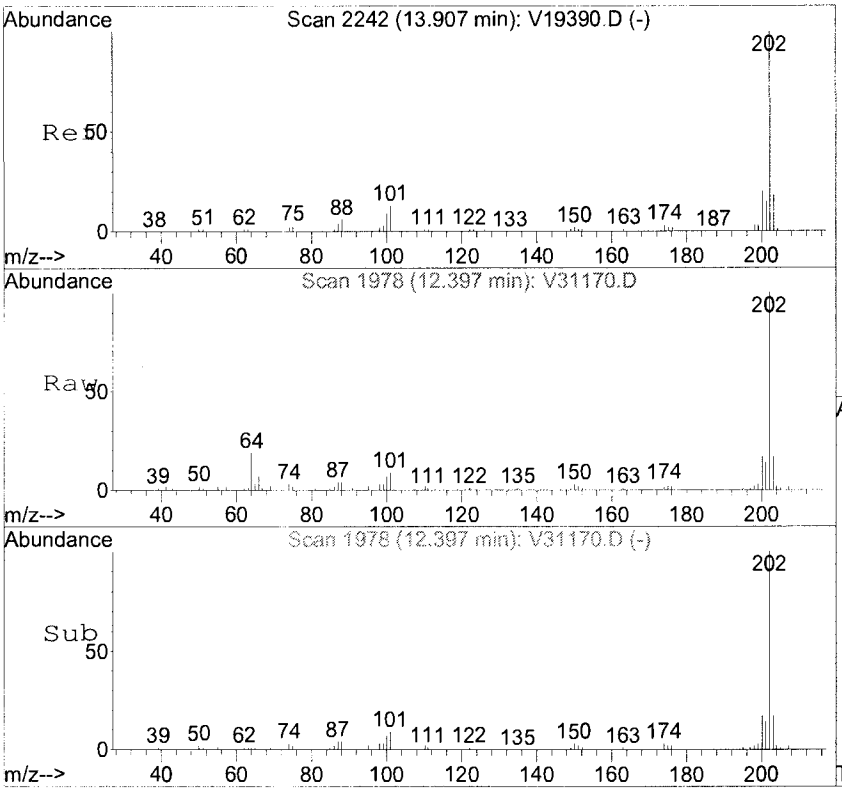




#64
C645 Anthracene
Concen: 0.44 ng
RT: 11.27 min Scan# 1767
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:178	Resp:	7373	
Ion	Ratio	Lower	Upper
178	100		
179	11.2	0.0	33.6
176	17.6	0.0	37.1

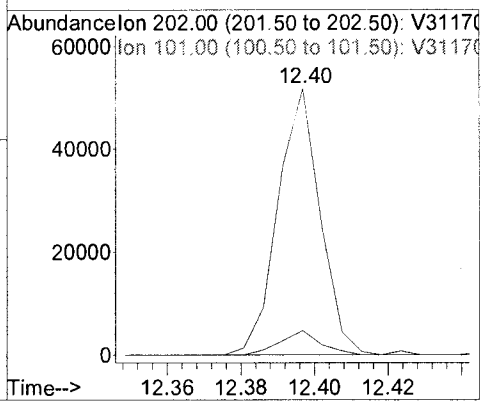


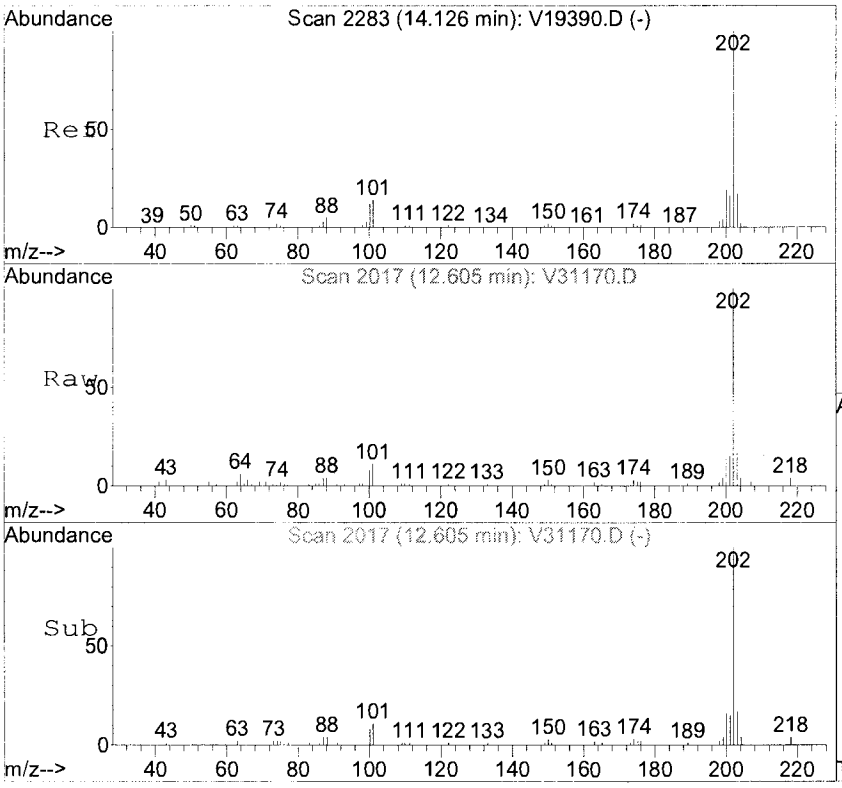


#67
C655 Fluoranthene
Concen: 2.01 ng
RT: 12.40 min Scan# 1978
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:202 Resp: 41162

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	31.9

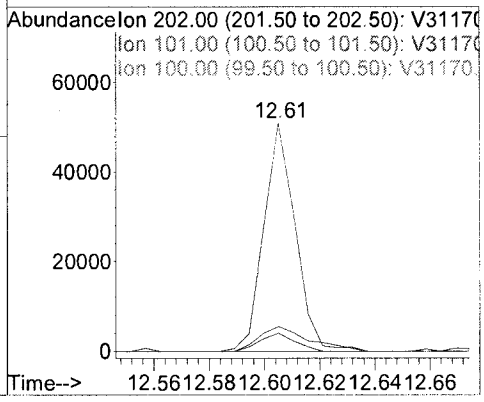


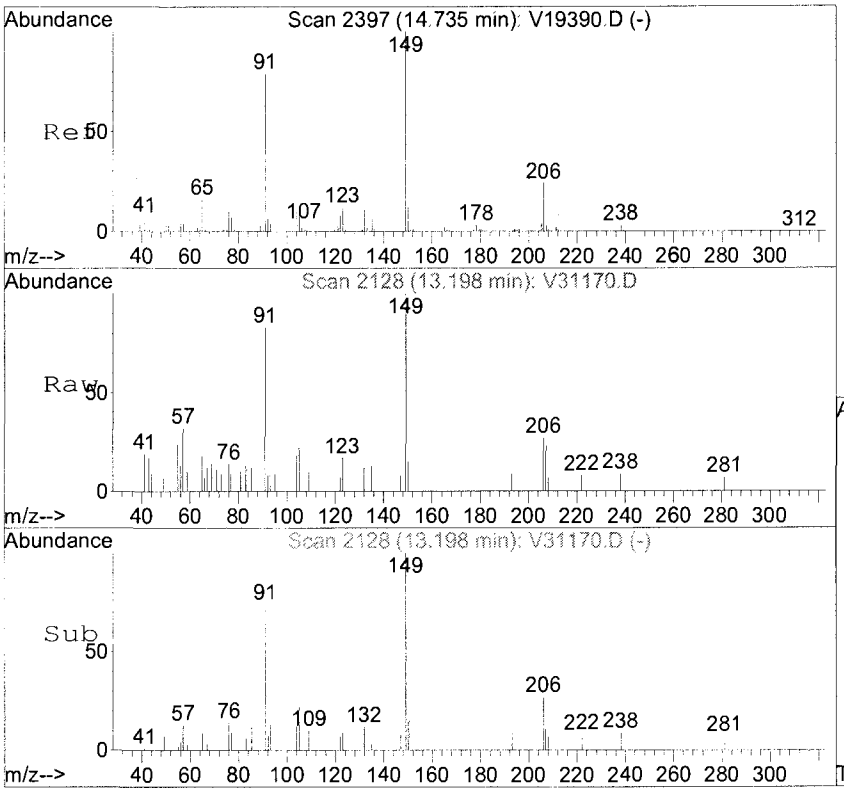


#69
C715 Pyrene
Concen: 2.05 ng
RT: 12.61 min Scan# 2017
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:202 Resp: 40348

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.7
100	8.0	0.0	31.3

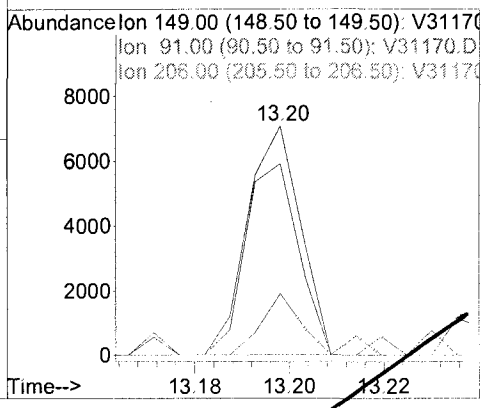


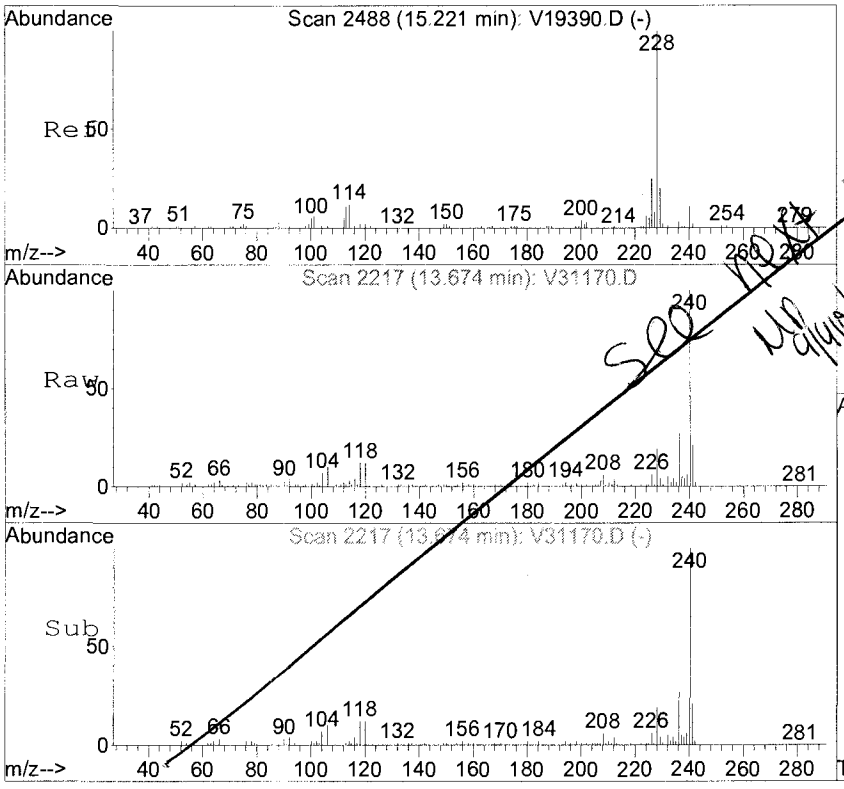


#72
C720 Butylbenzylphthalate
Concen: 0.68 ng
RT: 13.20 min Scan# 2128
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:149 Resp: 5714

Ion	Ratio	Lower	Upper
149	100		
91	83.5	38.2	78.2#
206	26.9	0.0	39.3

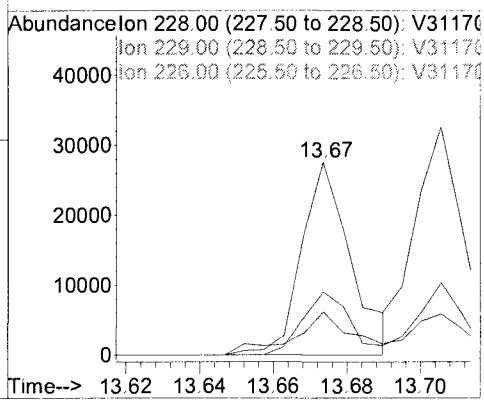




#74
C730 Benzo[a]anthracene
Concen: 1.39 ng
RT: 13.67 min Scan# 2217
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:228 Resp: 25568

Ion	Ratio	Lower	Upper
228	100		
229	22.3	0.0	39.5
226	32.5	5.6	45.6

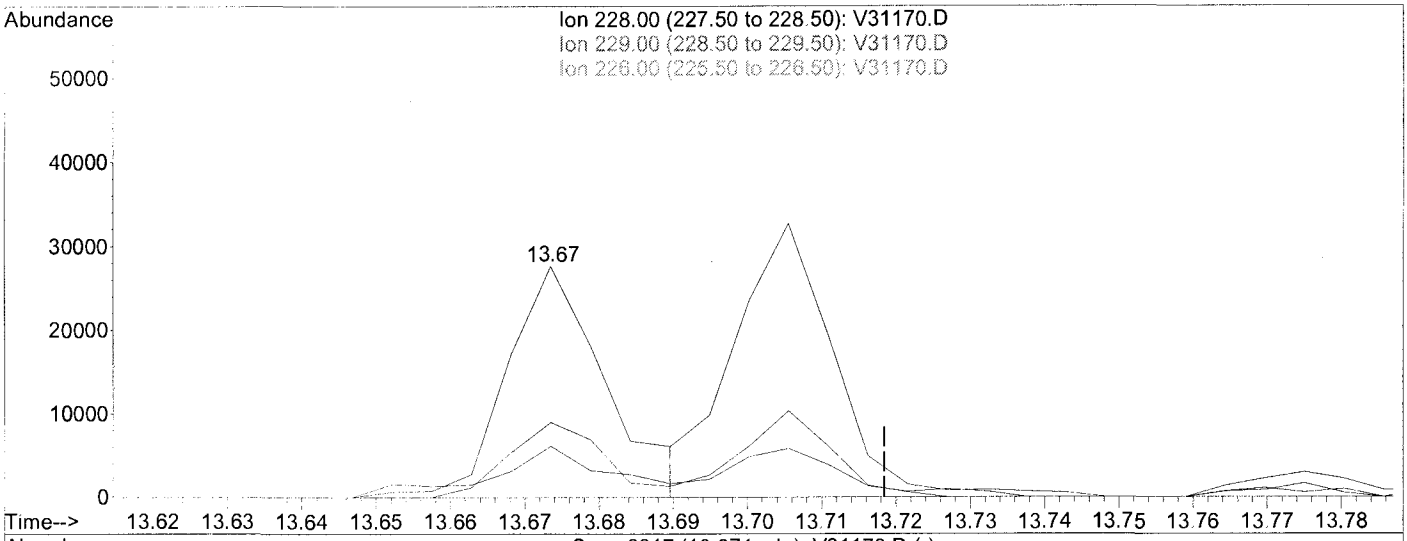


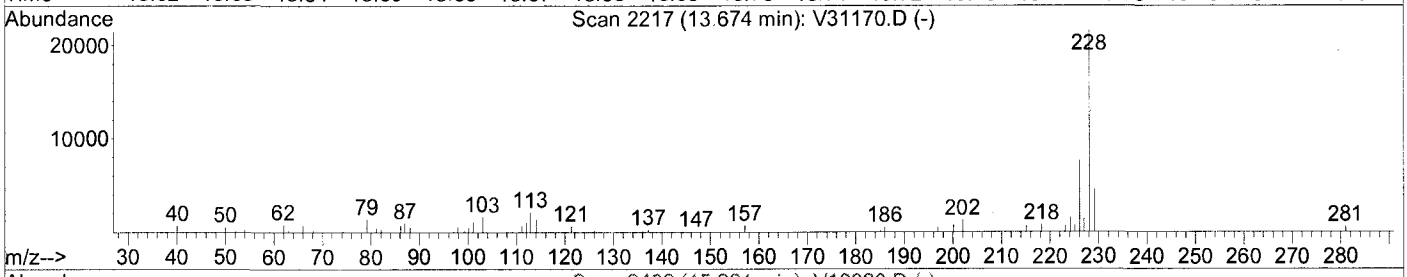
Quantitation Report (Qedit)

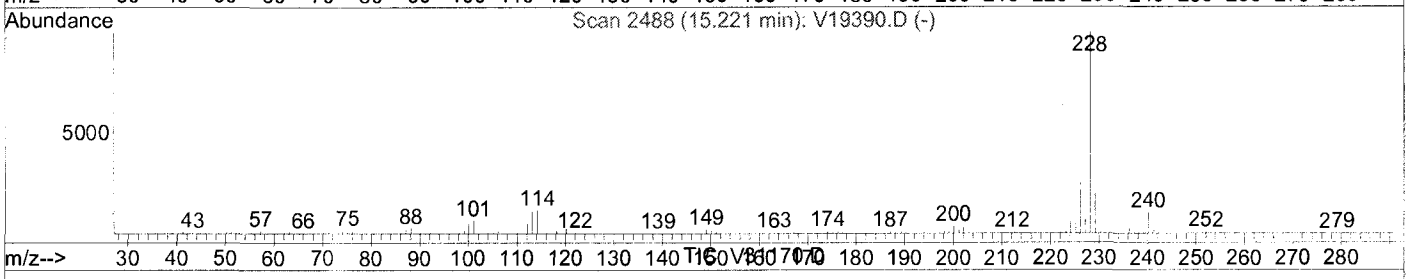
Data File : D:\DATA\090508\V31170.D
Acq On : 5 Sep 2008 20:57
Sample : A8A62905 AS80011345
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:21 2008

Vial: 18
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration





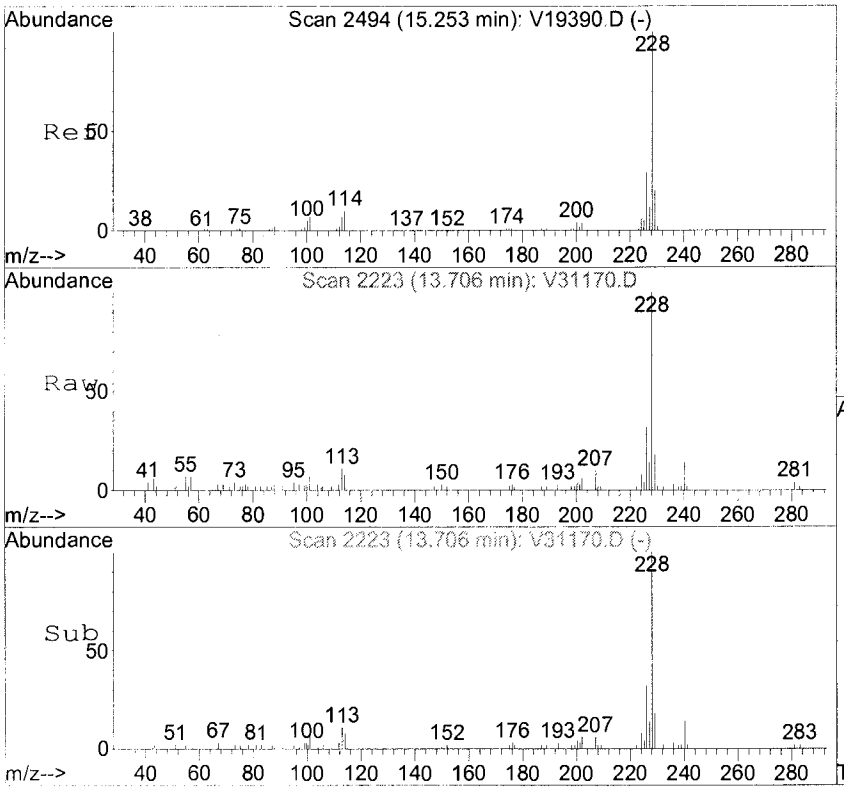


(74) C730 Benzo[a]anthracene (T)

13.67min 1.39ng

response 25568

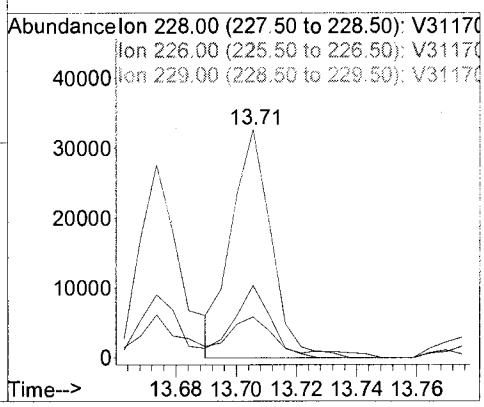
Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.25
226.00	25.60	32.54
0.00	0.00	0.00

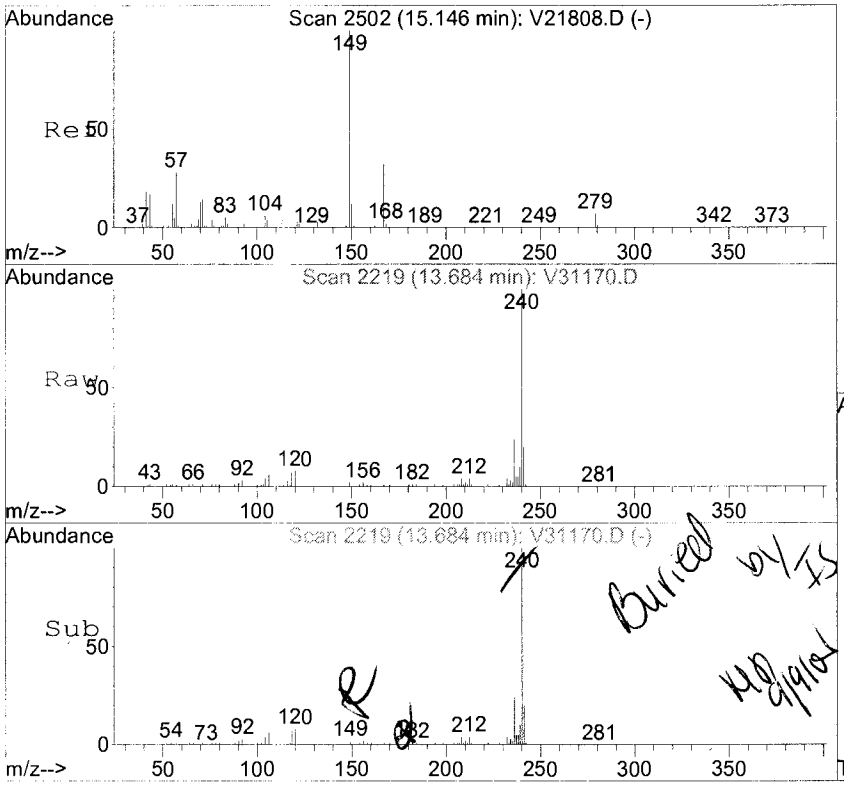


#75
C735 Chrysene
Concen: 1.69 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:228 Resp: 30343

Ion	Ratio	Lower	Upper
228	100		
226	31.6	7.8	47.8
229	17.9	0.0	39.2

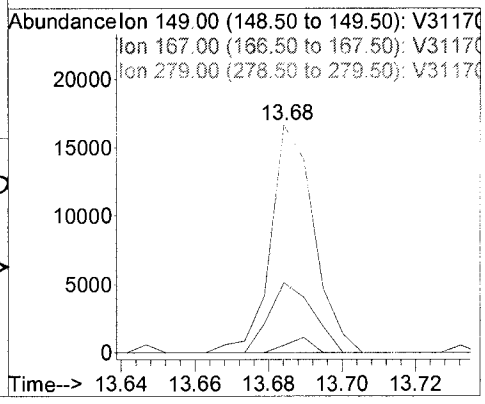




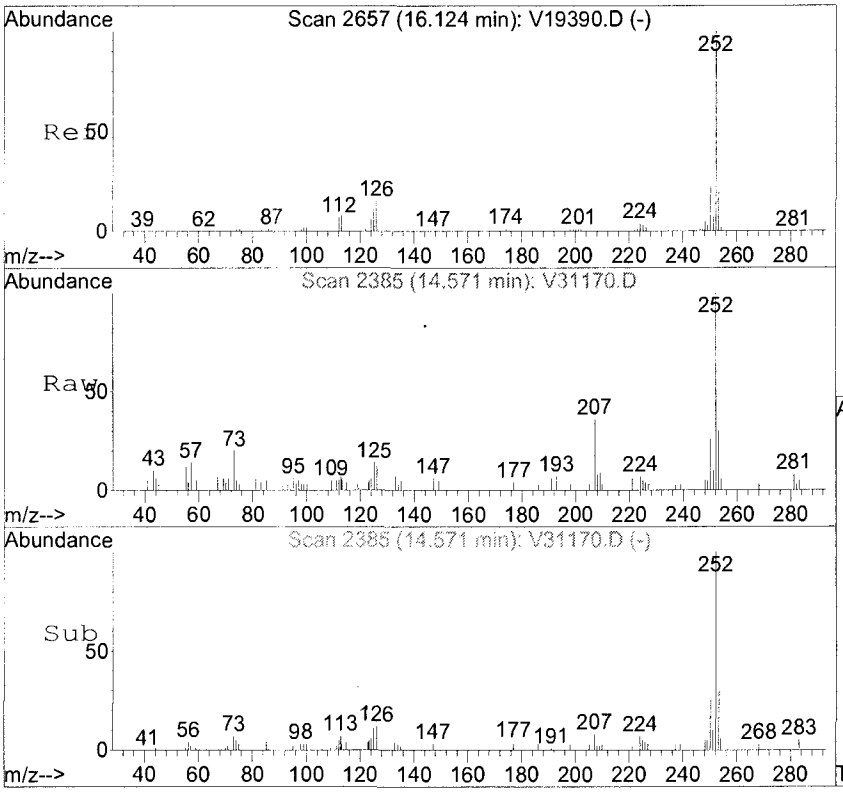
#76
C740 bis(2-Ethylhexyl)phthalat
Concen: 1.17 ng
RT: 13.68 min Scan# 2219
Delta R.T. -0.01 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:149 Resp: 13604

Ion	Ratio	Lower	Upper
149	100		
167	30.7	8.3	48.3
279	3.3	0.0	26.1



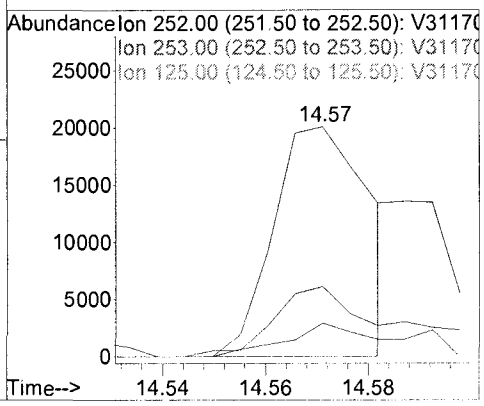
Buried 04/15
MP 9/9/08

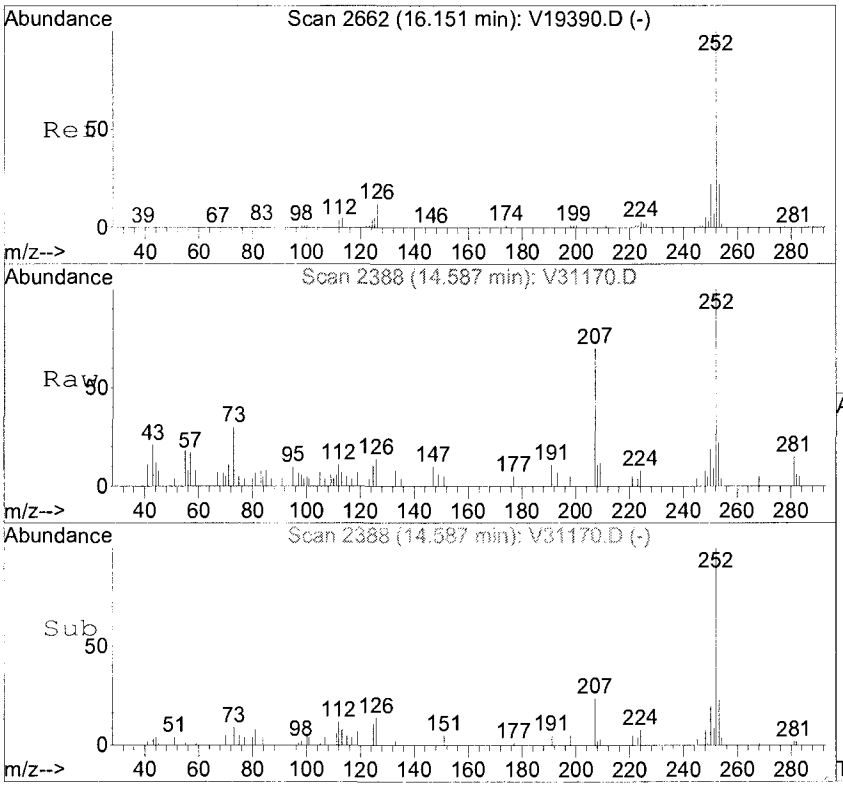


#79
C765 Benzo[b]fluoranthene
Concen: 1.13 ng m
RT: 14.57 min Scan# 2385
Delta R.T. 0.00 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:252 Resp: 25872

Ion	Ratio	Lower	Upper
252	100		
253	30.4	2.3	42.3
125	14.4	0.0	37.9

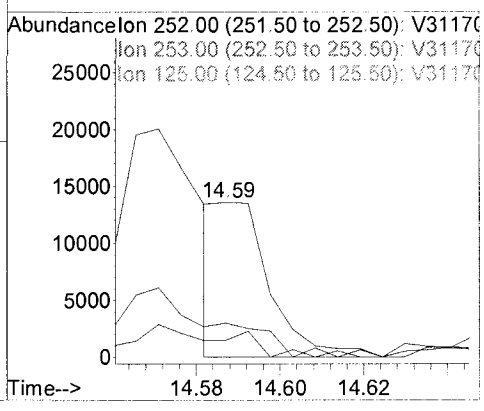


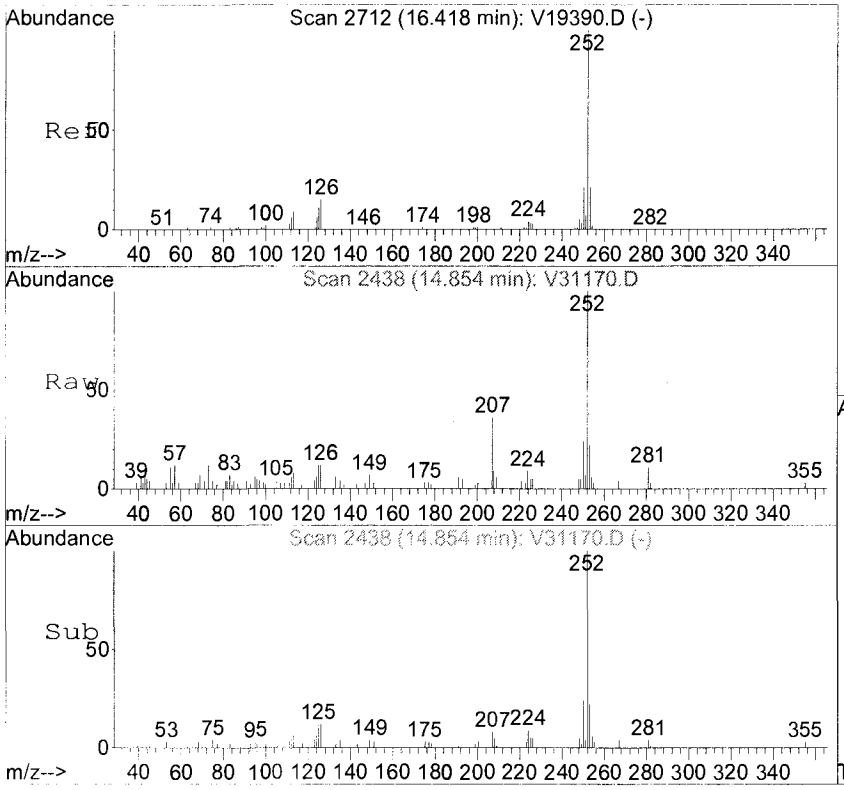


#80
C770 Benzo[k]fluoranthene
Concen: 0.57 ng m
RT: 14.59 min Scan# 2388
Delta R.T. -0.01 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:252 Resp: 12022

Ion	Ratio	Lower	Upper
252	100		
253	22.3	2.6	42.6
125	11.0	0.0	36.2

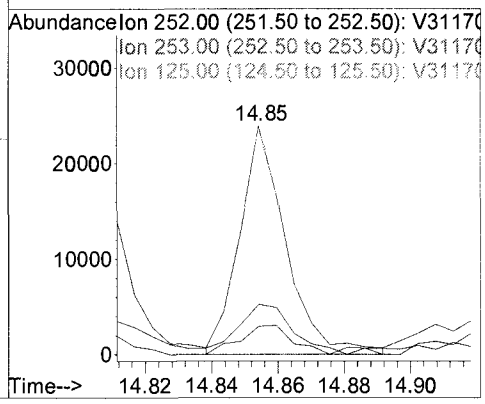


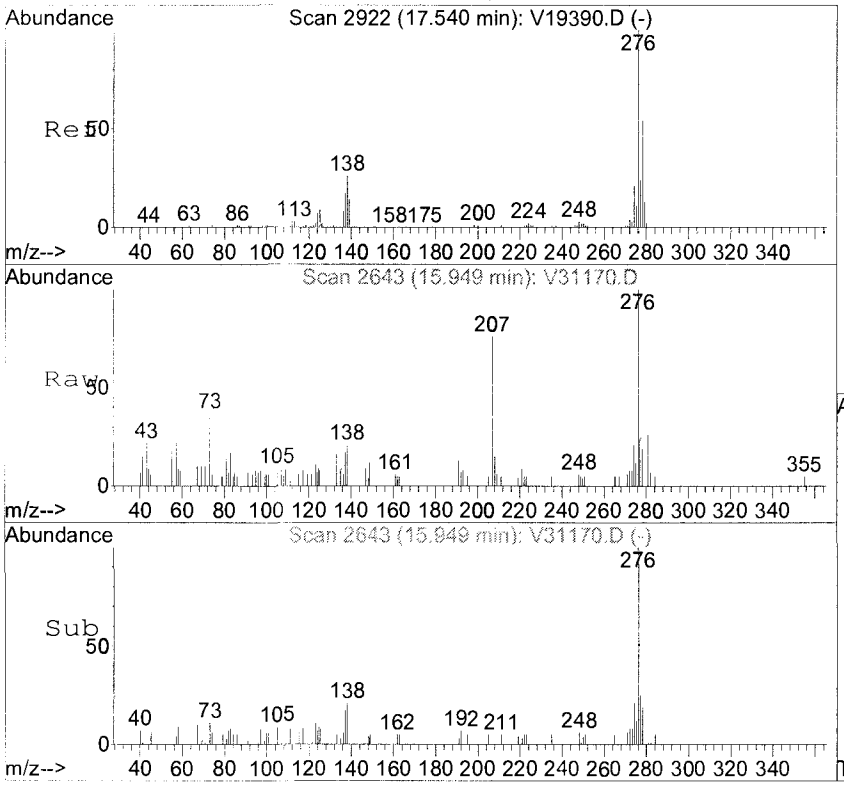


#81
C775 Benzo[a]pyrene
Concen: 1.17 ng
RT: 14.85 min Scan# 2438
Delta R.T. -0.01 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:252 Resp: 23271

Ion	Ratio	Lower	Upper
252	100		
253	22.5	1.0	41.0
125	12.7	0.0	30.8

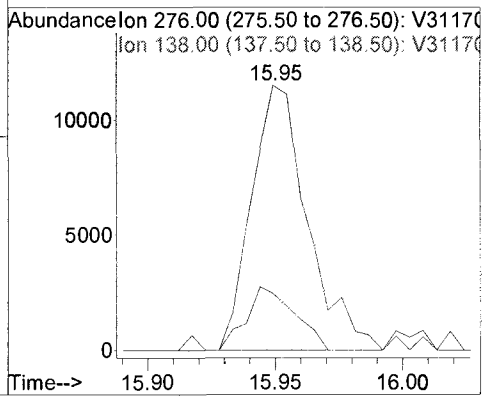


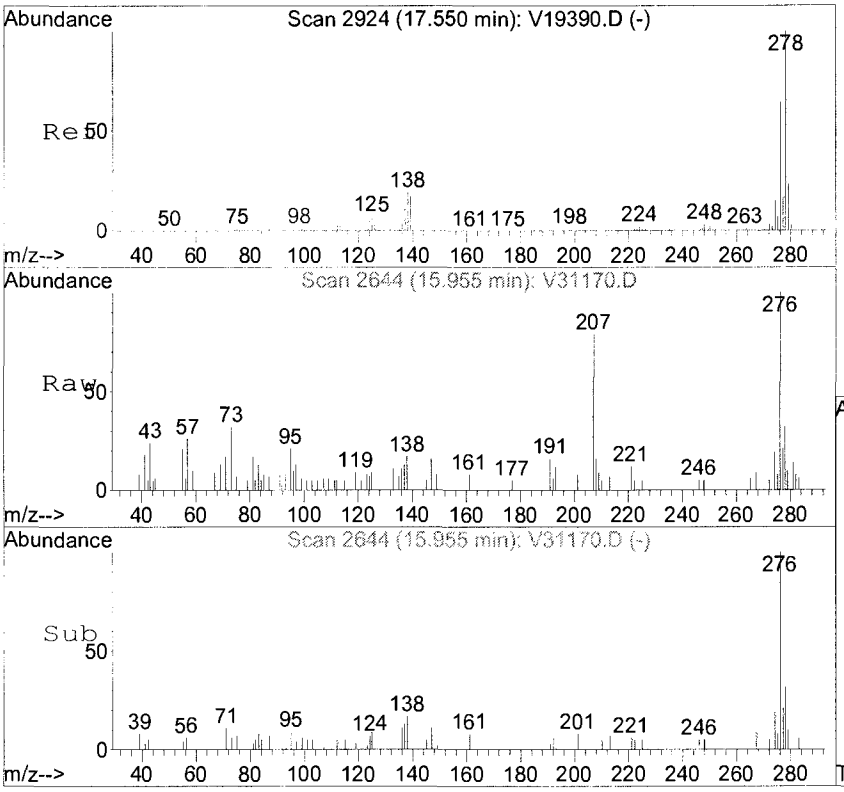


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 0.78 ng
RT: 15.95 min Scan# 2643
Delta R.T. -0.01 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:276 Resp: 17598

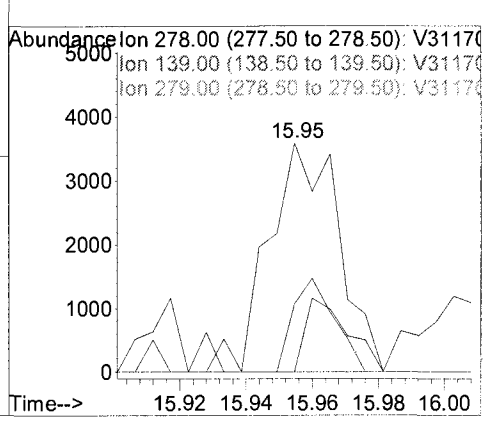
Ion	Ratio	Lower	Upper
276	100		
138	21.2	7.1	47.1

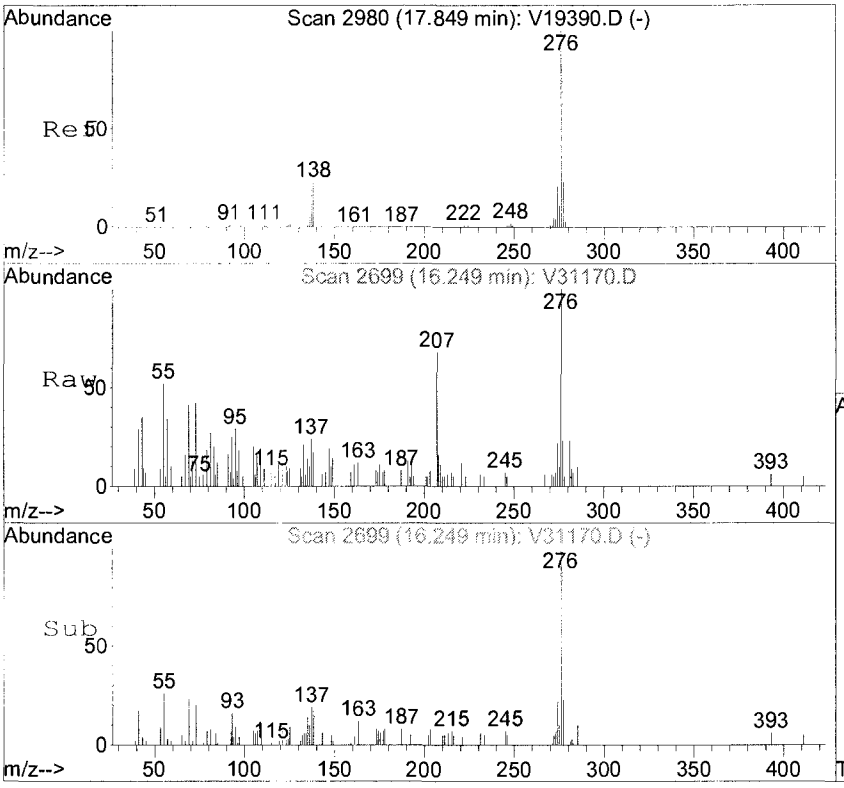




#83
C785 Dibenz[a,h]anthracene
Concen: 0.28 ng
RT: 15.95 min Scan# 2644
Delta R.T. -0.01 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

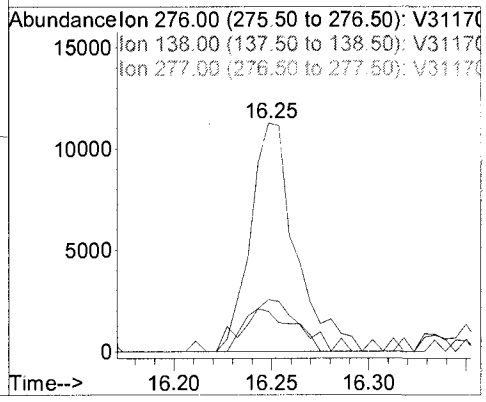
Tgt Ion:278	Resp:	5302	
Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	37.8
279	29.9	1.8	41.8





#84
C790 Benzo[g,h,i]perylene
Concen: 0.97 ng
RT: 16.25 min Scan# 2699
Delta R.T. -0.01 min
Lab File: V31170.D
Acq: 5 Sep 2008 20:57

Tgt Ion:276	Resp:	18299	
Ion	Ratio	Lower	Upper
276	100		
138	17.4	4.9	44.9
277	22.5	3.1	43.1



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26292.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	48	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26292.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	48	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	48	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71302

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26292.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

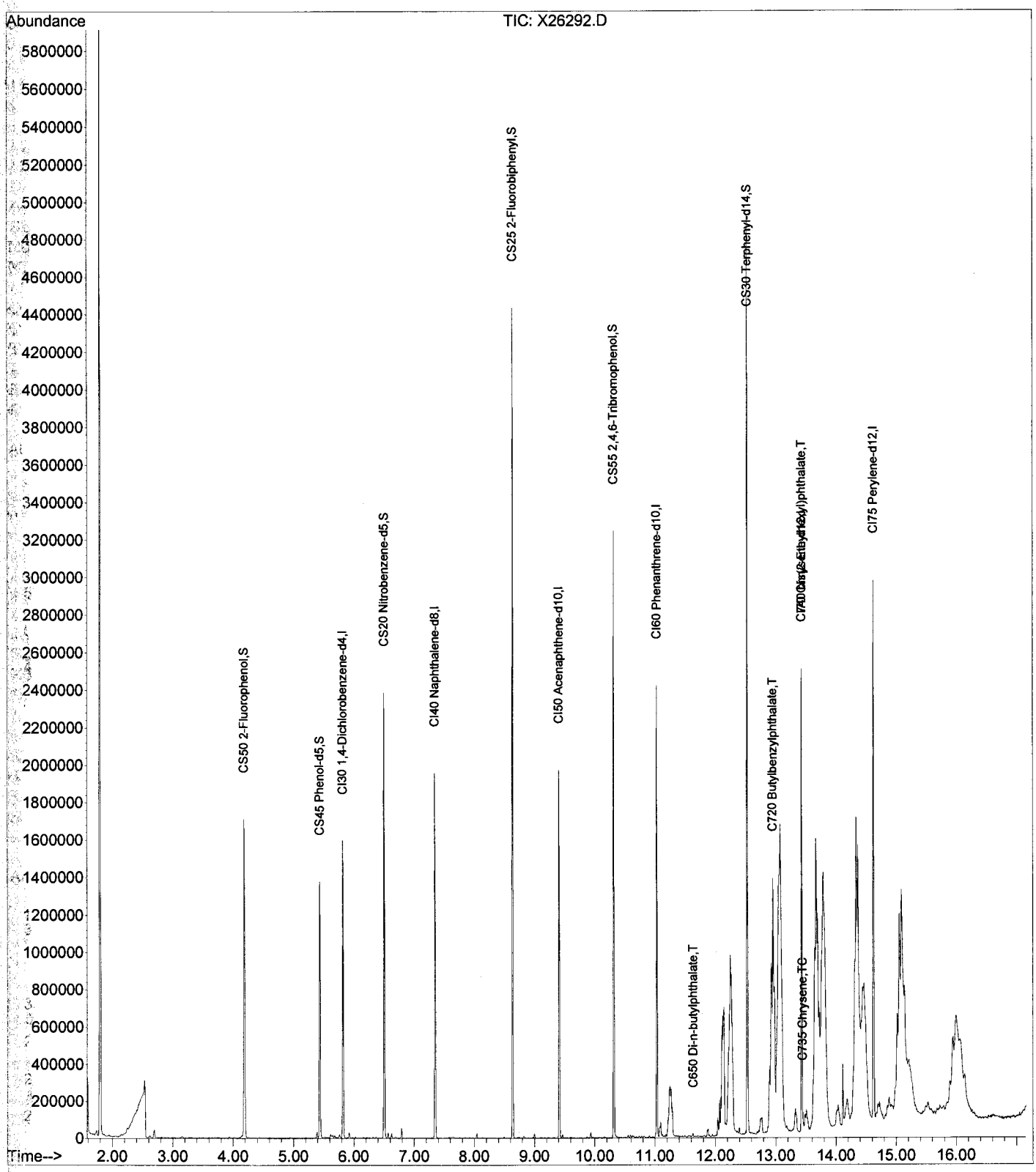
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Data File : D:\DATA\090808\X26292.D Vial: 22
Acq On : 8 Sep 2008 20:47 Operator: AJ
Sample : A8A71302 AW80015959 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 10 09:02:32 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 09 07:20:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) **1116/3648**

Data File : D:\DATA\090808\X26292.D Vial: 22
Acq On : 8 Sep 2008 20:47 Operator: AJ
Sample : A8A71302 AW80015959 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 09:02:32 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 09 07:20:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090808\X26272.D (8 Sep 2008 13:06)

SS PD 9-10-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.82	152	232770	40.00	ng	0.00 108.67%
20) CI40 Naphthalene-d8	7.35	136	836844	40.00	ng	0.00 100.68%
35) CI50 Acenaphthene-d10	9.41	164	426801	40.00	ng	0.00 89.38%
56) CI60 Phenanthrene-d10	11.03	188	789413	40.00	ng	0.00 90.45%
68) CI70 Chrysene-d12	13.43	240	767526	40.00	ng	0.00 105.97%
78) CI75 Perylene-d12	14.63	264	908212	40.00	ng	0.00 129.93%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.19	112	518287	58.25	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 38.83%			
5) CS45 Phenol-d5	5.44	99	458923	42.28	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 28.19%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.50	82	698365	80.16	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 80.16%			
39) CS25 2-Fluorobiphenyl	8.64	172	1231872	79.62	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 79.62%			
59) CS55 2,4,6-Tribromophenol	10.32	330	258134	131.05	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 87.37%			
71) CS30 Terphenyl-d14	12.53	244	1156328	70.60	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 70.60%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	5.49	93	204	N.D.	
7) C315 Phenol	5.44	94	967	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	5.43	93	199	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	6.02	108	607	N.D.	
15) C360 bis(2-chloroisoprop	6.15	45	319	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	6.51	108	249	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	6.62	82	672	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

9/9/2008

Data File : D:\DATA\090808\X26292.D Vial: 22
Acq On : 8 Sep 2008 20:47 Operator: AJ
Sample : A8A71302 AW80015959 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 09:02:32 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 09 07:20:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090808\X26272.D (8 Sep 2008 13:06)

SS AJ 9-10-08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.37	128	776	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	7.52	225	210	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D. d	
42) C540 Acenaphthylene	9.24	152	186	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45) C550 Acenaphthene	0.00	153	0	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	0.00	168	0	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	10.04	166	271	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	9.95	149	557	N.D.	
54) C620 1,2-diphenylhydrazi	0.00	77	0	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.06	178	4011	N.D.	
64) C645 Anthracene	11.06	178	4011	N.D.	
65) C647 carbazole	11.25	167	208	N.D.	
66) C650 Di-n-butylphthalate	11.63	149	7732	0.29 ng	98
67) C655 Fluoranthene	12.18	202	1152	N.D.	
69) C715 Pyrene	12.38	202	611	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	12.96	149	8167	0.64 ng	83
73) C725 3,3'-Dichlorobenzid	13.78	252	185	N.D.	
74) C730 Benzo[a]anthracene	13.43	228	1656	N.D.	
75) C735 Chrysene	13.45	228	13574	0.58 ng	90
76) C740 bis(2-Ethylhexyl)phth	13.44	149	18990	1.05 ng	96
77) C760 Di-n-octylphthalate	14.00	149	2828	N.D.	
79) C765 Benzo[b]fluoranthen	14.30	252	507	N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d	
81) C775 Benzo[a]pyrene	14.57	252	332	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.59	276	416	N.D.	
83) C785 Dibenz[a,h]anthrace	15.60	278	469	N.D.	
84) C790 Benzo[g,h,i]perylen	15.87	276	465	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

mm 9/23/08

Quantitation Report (Not Reviewed) **1118/3648**

Data File : D:\DATA\090808\X26292.D Vial: 22
Acq On : 8 Sep 2008 20:47 Operator: AJ
Sample : A8A71302 AW80015959 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 12:28:44 2008 Results File: A8I0608.RES SS

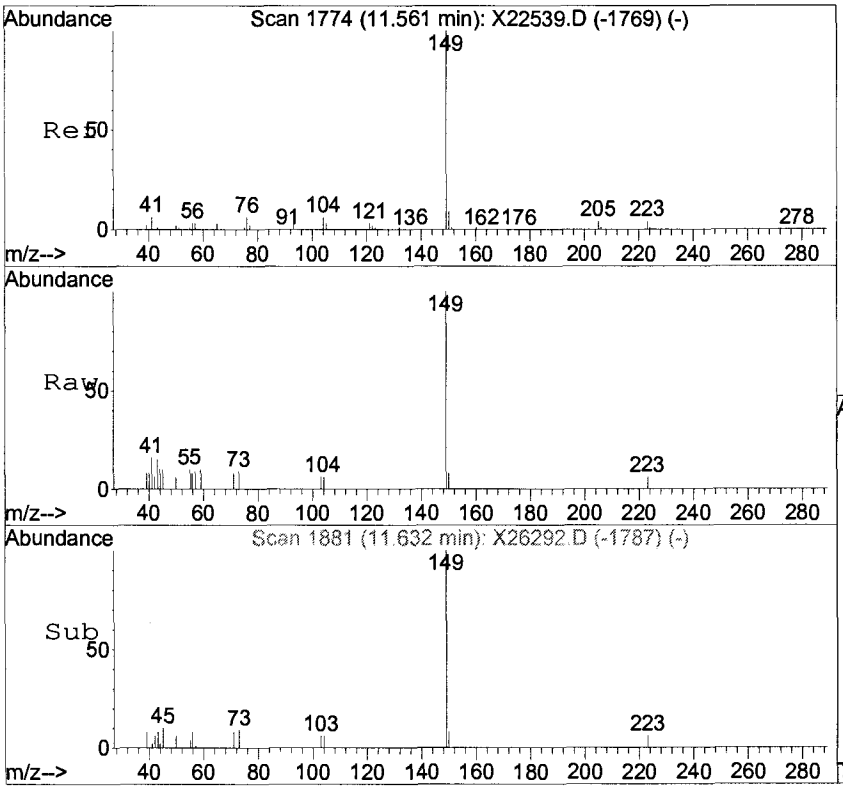
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

9-10-08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.82	152	232770	40.00 ng	-0.04 64.45%
4) CI40 Naphthalene-d8	7.35	136	836844	40.00 ng	-0.04 65.80%
7) CI50 Acenaphthene-d8	9.41	164	426801	40.00 ng	-0.03 79.54%
10) CI60 Phenanthrene-d10	11.03	188	789413	40.00 ng	-0.03 101.93%
12) CI70 Chrysene-d12	13.43	240	767526	40.00 ng	-0.03 93.01%
13) CI75 Perylene-d12	14.63	264	908212	40.00 ng	-0.03 79.41%
Target Compounds					Qvalue
2) E600 Benzaldehyde	5.29	77	188	N.D.	
3) E145 Acetophenone	6.33	105	167	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.75	154	1839	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

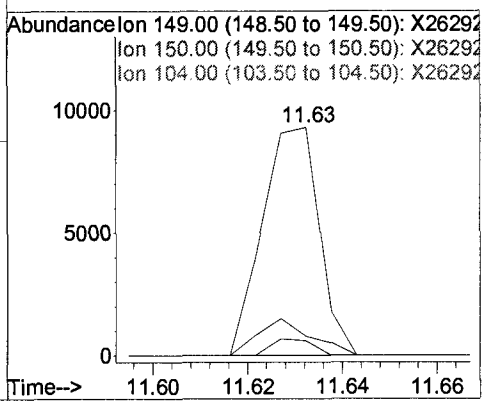
9/22/08

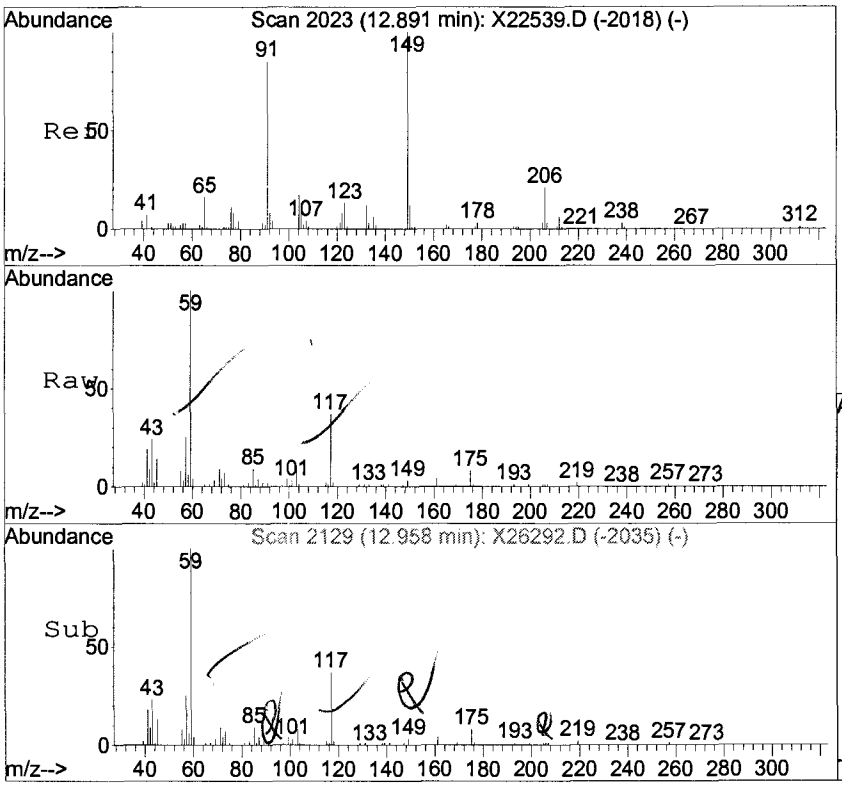


#66
C650 Di-n-butylphthalate
Concen: 0.29 ng
RT: 11.63 min Scan# 1881
Delta R.T. -0.00 min
Lab File: X26292.D
Acq: 8 Sep 2008 20:47

Tgt Ion:149 Resp: 7732

Ion	Ratio	Lower	Upper
149	100		
150	8.4	0.0	29.0
104	6.4	0.0	25.3

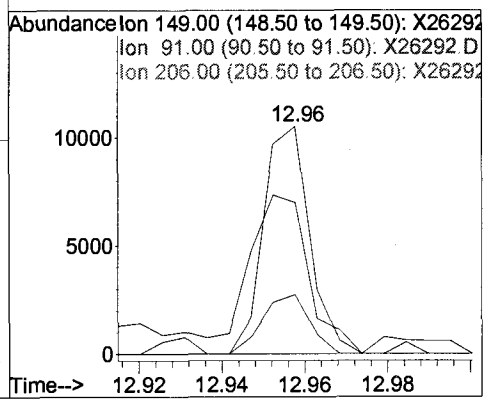


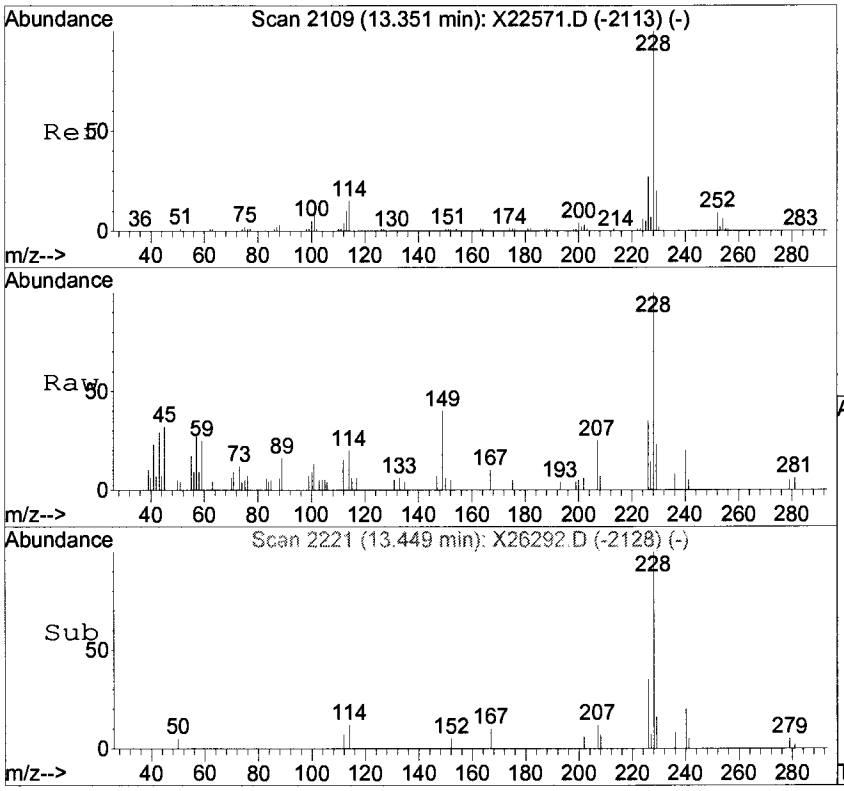


#72
C720 Butylbenzylphthalate
Concen: 0.64 ng
RT: 12.96 min Scan# 2129
Delta R.T. -0.00 min
Lab File: X26292.D
Acq: 8 Sep 2008 20:47

Tgt Ion:149 Resp: 8167

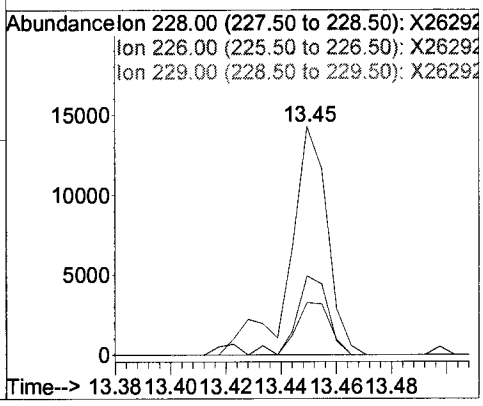
Ion	Ratio	Lower	Upper
149	100		
91	59.3	57.1	97.1
206	26.1	2.9	42.9

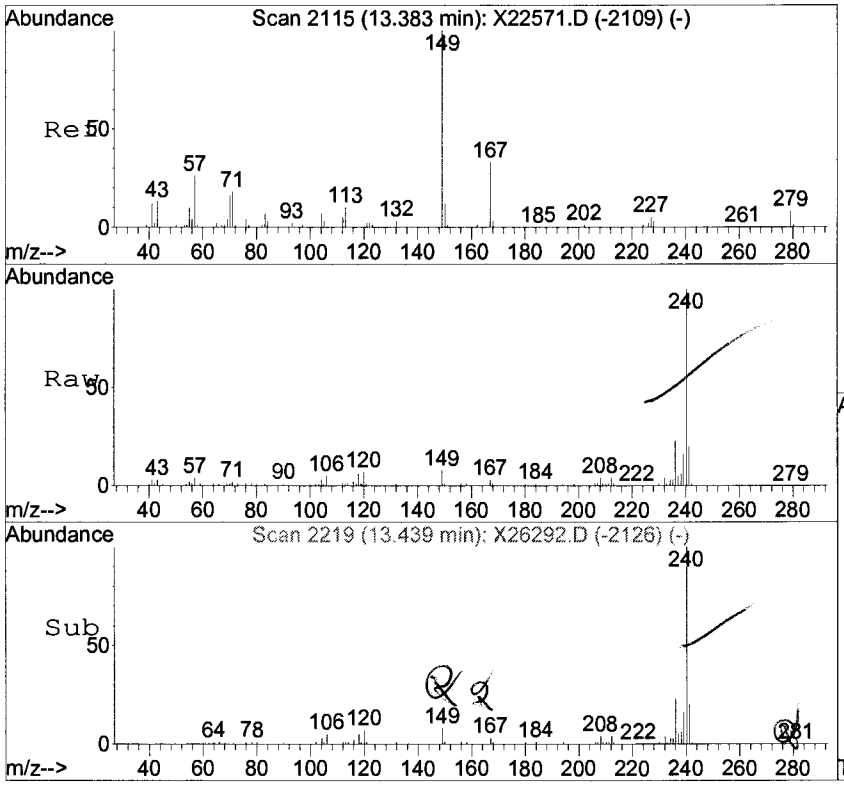




#75
C735 Chrysene
Concen: 0.58 ng
RT: 13.45 min Scan# 2221
Delta R.T. -0.01 min
Lab File: X26292.D
Acq: 8 Sep 2008 20:47

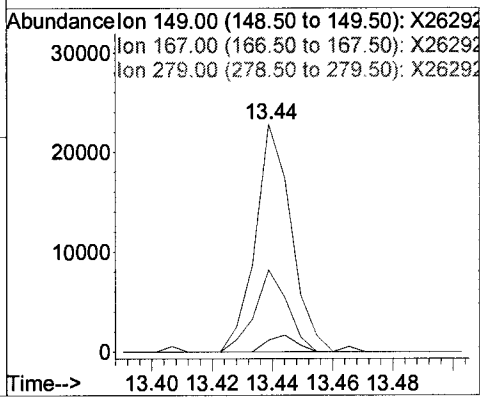
Tgt Ion:228	Resp:	13574	
Ion	Ratio	Lower	Upper
228	100		
226	34.7	8.5	48.5
229	22.9	0.0	39.5





#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 1.05 ng
RT: 13.44 min Scan# 2219
Delta R.T. -0.01 min
Lab File: X26292.D
Acq: 8 Sep 2008 20:47

Tgt Ion:149	Resp:	18990	
Ion	Ratio	Lower	Upper
149	100		
167	35.9	16.2	56.2
279	5.2	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: X26293.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	48	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: X26293.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	48	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	48	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A71802

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: X26293.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0

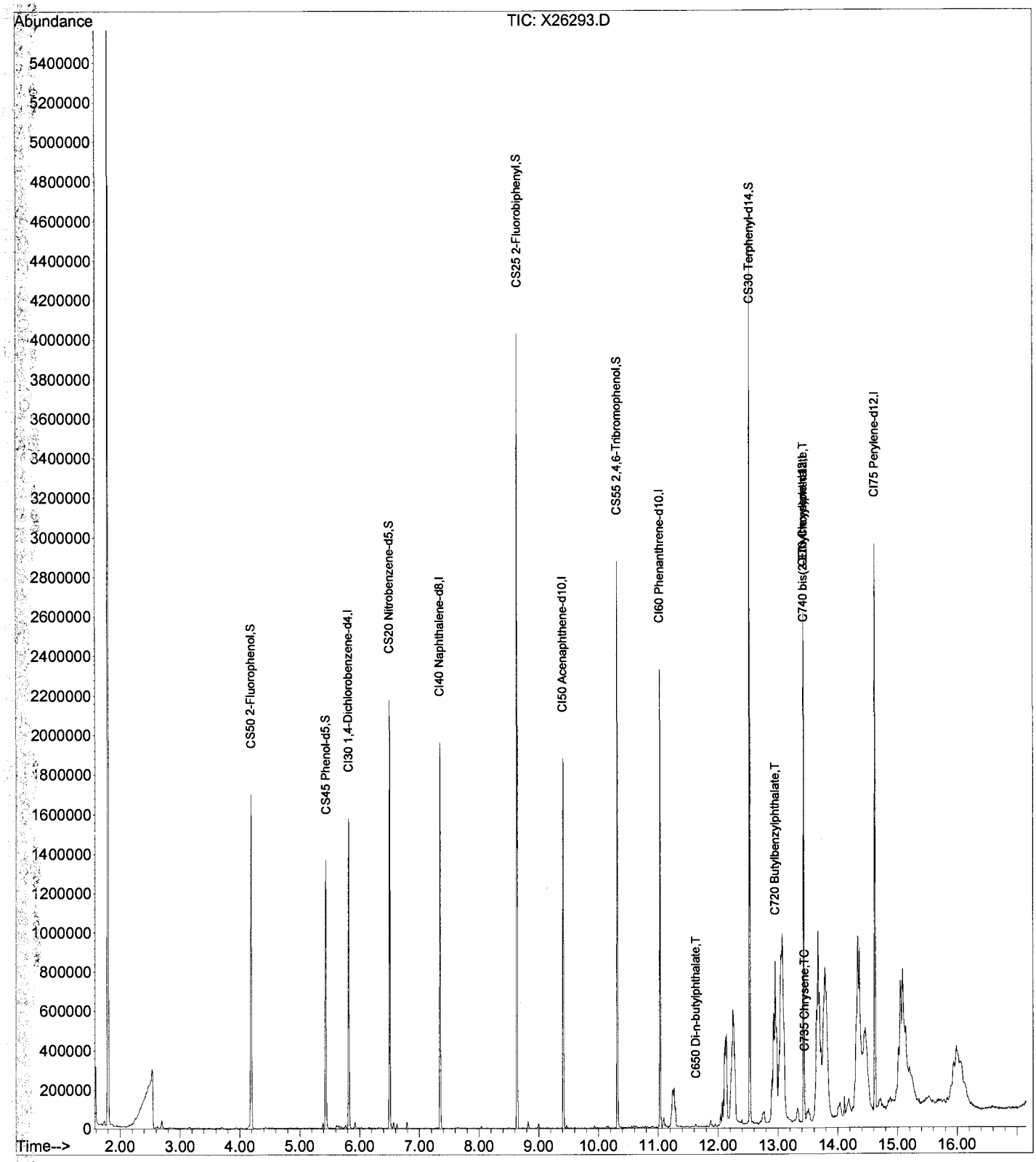
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090808\X26293.D
Acq On : 8 Sep 2008 21:10
Sample : A8A71802 AW80015960
Misc :
MS Integration Params: rteint.p

Vial: 23
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 10 09:04:44 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 09 07:20:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) **1125/3648**

Data File : D:\DATA\090808\X26293.D Vial: 23
Acq On : 8 Sep 2008 21:10 Operator: AJ
Sample : A8A71802 AW80015960 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 09:04:44 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 09 07:20:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090808\X26272.D (8 Sep 2008 13:06)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.82	152	233058	40.00 ng	0.00 108.81%
20) CI40 Naphthalene-d8	7.35	136	830019	40.00 ng	0.00 99.86%
35) CI50 Acenaphthene-d10	9.41	164	414154	40.00 ng	0.00 86.73%
56) CI60 Phenanthrene-d10	11.03	188	762581	40.00 ng	0.00 87.37%
68) CI70 Chrysene-d12	13.43	240	772116	40.00 ng	0.00 106.61%
78) CI75 Perylene-d12	14.63	264	915680	40.00 ng	0.00 131.00%
System Monitoring Compounds					
3) CS50 2-Fluorophenol	4.19	112	494489	55.50 ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 37.00%		
5) CS45 Phenol-d5	5.44	99	429625	39.53 ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.35%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00 ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00 ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#		
21) CS20 Nitrobenzene-d5	6.50	82	641869	74.29 ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 74.29%		
39) CS25 2-Fluorobiphenyl	8.64	172	1128086	75.14 ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 75.14%		
59) CS55 2,4,6-Tribromophenol	10.32	330	233863	122.91 ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 81.94%		
71) CS30 Terphenyl-d14	12.53	244	1097629	66.62 ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 66.62%		

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	5.44	93	200	N.D.	
7) C315 Phenol	5.45	94	957	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	5.44	93	200	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	6.02	108	322	N.D.	
15) C360 bis(2-chloroisoprop	6.15	45	173	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	6.53	77	201	N.D.	
23) C415 Isophorone	6.62	82	724	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

Data File : D:\DATA\090808\X26293.D Vial: 23
Acq On : 8 Sep 2008 21:10 Operator: AJ
Sample : A8A71802 AW80015960 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 09:04:44 2008 Results File: A8I0619.RES

SS AJ 9-10-08

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 09 07:20:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090808\X26272.D (8 Sep 2008 13:06)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.37	128	1345	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D. d	
42) C540 Acenaphthylene	0.00	152	0	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	9.17	165	199	N.D.	
45) C550 Acenaphthene	9.45	153	165	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	0.00	168	0	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	10.05	166	162	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	9.95	149	425	N.D.	
54) C620 1,2-diphenylhydrazi	10.27	77	177	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.06	178	3729	N.D.	
64) C645 Anthracene	11.11	178	181	N.D.	
65) C647 carbazole	11.29	167	172	N.D.	
66) C650 Di-n-butylphthalate	11.63	149	6512	0.25 ng	94
67) C655 Fluoranthene	12.18	202	1194	N.D.	
69) C715 Pyrene	12.38	202	671	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	12.96	149	6175	0.48 ng	86
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	
74) C730 Benzo[a]anthracene	13.43	228	1334	N.D.	
75) C735 Chrysene	13.45	228	14695	0.62 ng	96
76) C740 bis(2-Ethylhexyl)phth	13.44	149	19540	1.08 ng	91
77) C760 Di-n-octylphthalate	13.98	149	2949	N.D.	
79) C765 Benzo[b]fluoranthen	14.31	252	214	N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d	
81) C775 Benzo[a]pyrene	14.63	252	5285	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.58	276	662	N.D.	
83) C785 Dibenz[a,h]anthrace	15.60	278	612	N.D.	
84) C790 Benzo[g,h,i]perylen	15.87	276	627	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

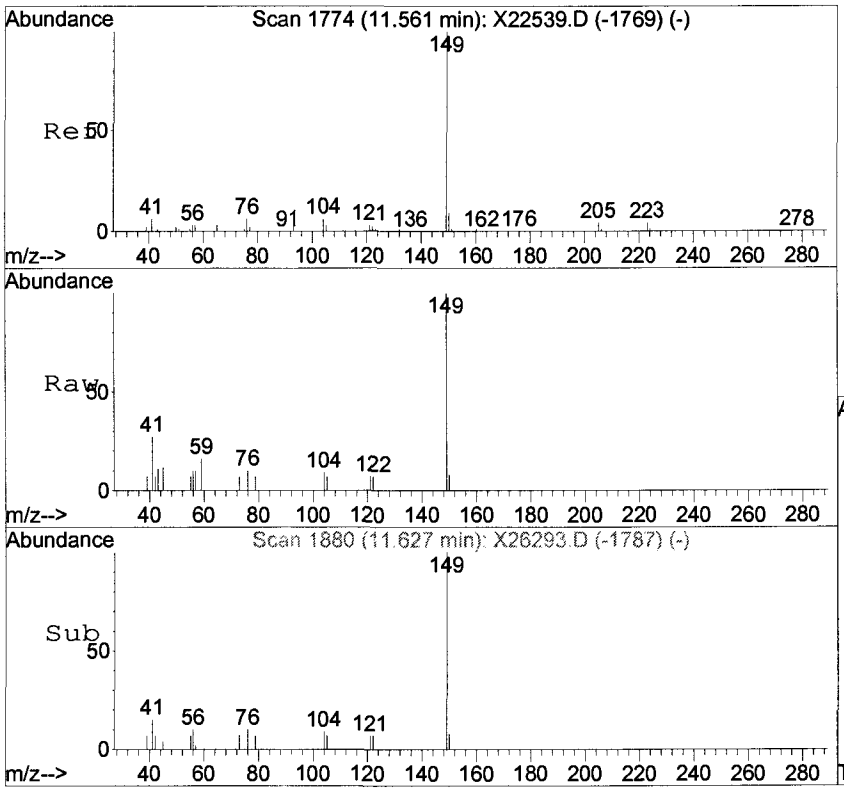
Data File : D:\DATA\090808\X26293.D
Acq On : 8 Sep 2008 21:10
Sample : A8A71802 AW80015960
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 10 12:15:34 2008

Via1: 23
Operator: AJ
Inst : HP5973X
Multip1r: 1.00
Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Wed Sep 10 12:15:21 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.82	152	233058	40.00 ng	0.00 64.53%
4) CI40 Naphthalene-d8	7.35	136	830019	40.00 ng	0.00 65.27%
7) CI50 Acenaphthene-d8	9.41	164	414154	40.00 ng	0.00 77.18%
10) CI60 Phenanthrene-d10	11.03	188	762581	40.00 ng	0.00 98.46%
12) CI70 Chrysene-d12	13.43	240	772116	40.00 ng	0.00 93.57%
13) CI75 Perylene-d12	14.63	264	915680	40.00 ng	0.00 80.06%
Target Compounds					Qvalue
2) E600 Benzaldehyde	5.29	77	705	N.D.	
3) E145 Acetophenone	6.21	105	488	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.75	154	1132	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	10.32	200	166	N.D.	

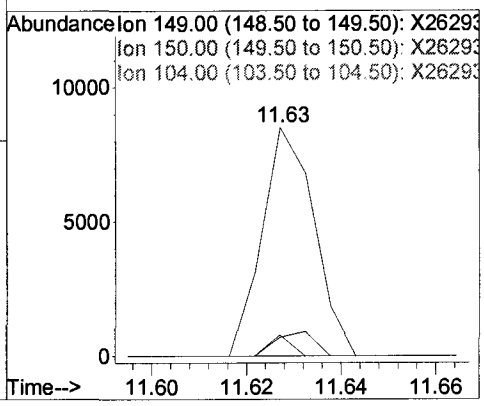
(#) = qualifier out of range (m) = manual integration (+) = signals summed

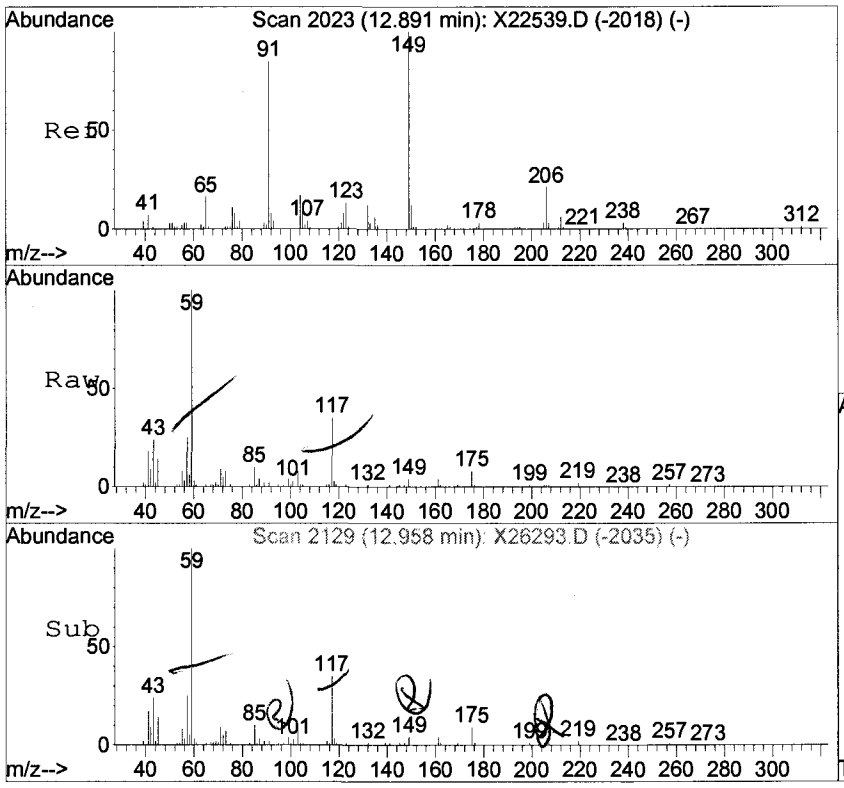


#66
C650 Di-n-butylphthalate
Concen: 0.25 ng
RT: 11.63 min Scan# 1880
Delta R.T. -0.01 min
Lab File: X26293.D
Acq: 8 Sep 2008 21:10

Tgt Ion:149 Resp: 6512

Ion	Ratio	Lower	Upper
149	100		
150	8.1	0.0	29.0
104	9.1	0.0	25.3

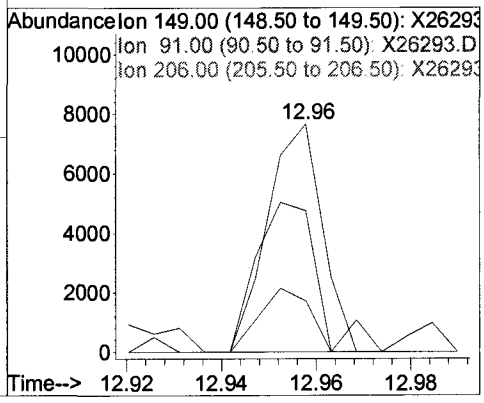


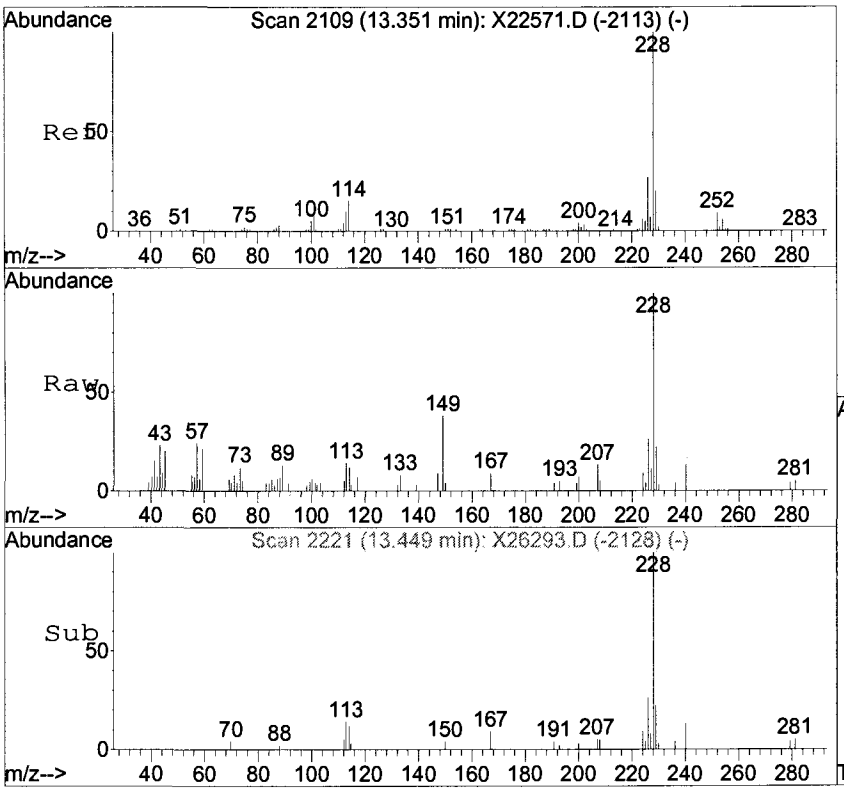


#72
C720 Butylbenzylphthalate
Concen: 0.48 ng
RT: 12.96 min Scan# 2129
Delta R.T. 0.00 min
Lab File: X26293.D
Acq: 8 Sep 2008 21:10

Tgt Ion:149 Resp: 6175

Ion	Ratio	Lower	Upper
149	100		
91	62.0	57.1	97.1
206	22.5	2.9	42.9

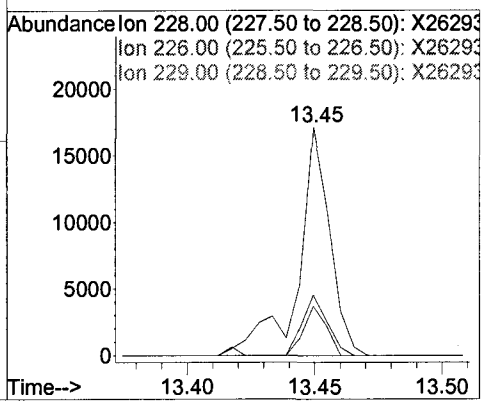


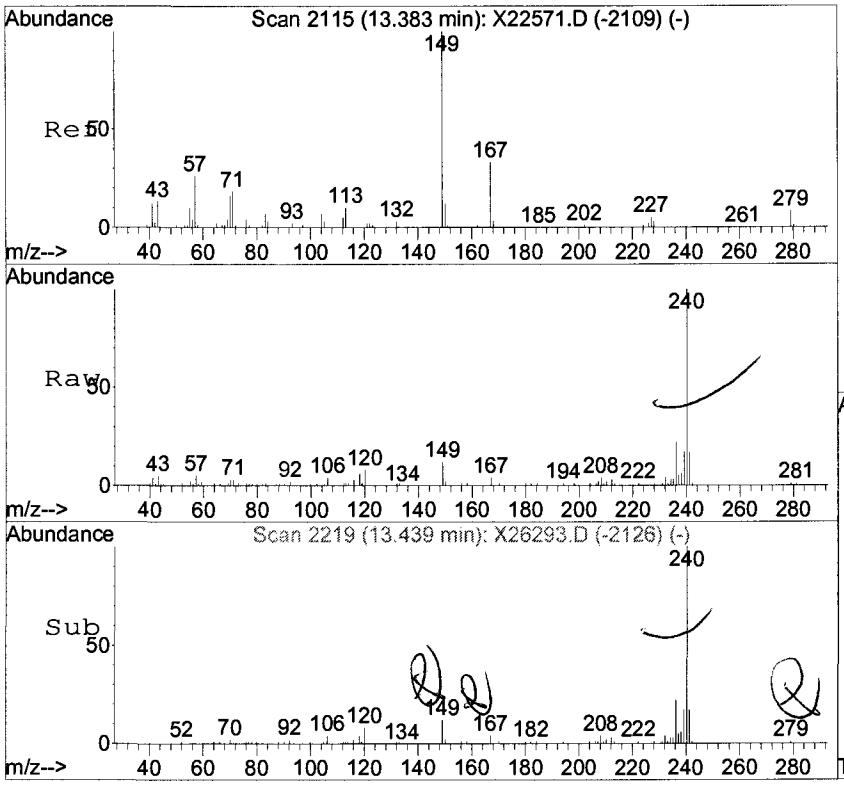


#75
C735 Chrysene
Concen: 0.62 ng
RT: 13.45 min Scan# 2221
Delta R.T. -0.01 min
Lab File: X26293.D
Acq: 8 Sep 2008 21:10

Tgt Ion:228 Resp: 14695

Ion	Ratio	Lower	Upper
228	100		
226	26.4	8.5	48.5
229	21.6	0.0	39.5

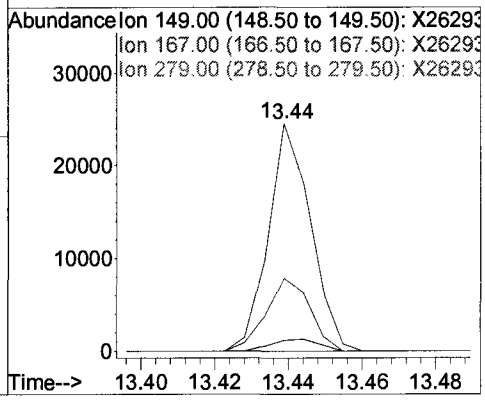




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 1.08 ng
RT: 13.44 min Scan# 2219
Delta R.T. -0.01 min
Lab File: X26293.D
Acq: 8 Sep 2008 21:10

Tgt Ion:149 Resp: 19540

Ion	Ratio	Lower	Upper
149	100		
167	32.1	16.2	56.2
279	4.7	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: V31079.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	12	U
208-96-8	Acenaphthylene	12	U
98-86-2	Acetophenone	12	U
120-12-7	Anthracene	12	U
1912-24-9	Atrazine	12	U
100-52-7	Benzaldehyde	12	U
56-55-3	Benzo(a)anthracene	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
191-24-2	Benzo(ghi)perylene	12	U
50-32-8	Benzo(a)pyrene	12	U
92-52-4	Biphenyl	12	U
111-91-1	Bis(2-chloroethoxy) methane	12	U
111-44-4	Bis(2-chloroethyl) ether	12	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	12	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	U
101-55-3	4-Bromophenyl phenyl ether	12	U
85-68-7	Butyl benzyl phthalate	2	BJ
106-47-8	4-Chloroaniline	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-58-7	2-Chloronaphthalene	12	U
95-57-8	2-Chlorophenol	12	U
7005-72-3	4-Chlorophenyl phenyl ether	12	U
105-60-2	Caprolactam	61	U
86-74-8	Carbazole	12	U
218-01-9	Chrysene	0.7	BJ
53-70-3	Dibenzo(a,h)anthracene	12	U
132-64-9	Dibenzofuran	12	U
84-74-2	Di-n-butyl phthalate	0.4	BJ
91-94-1	3,3'-Dichlorobenzidine	12	U
120-83-2	2,4-Dichlorophenol	12	U
84-66-2	Diethyl phthalate	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: V31079.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	U
131-11-3	Dimethyl phthalate	12	U
534-52-1	4,6-Dinitro-2-methylphenol	61	U
51-28-5	2,4-Dinitrophenol	61	U
121-14-2	2,4-Dinitrotoluene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
117-84-0	Di-n-octyl phthalate	12	U
206-44-0	Fluoranthene	12	U
86-73-7	Fluorene	12	U
118-74-1	Hexachlorobenzene	12	U
87-68-3	Hexachlorobutadiene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
67-72-1	Hexachloroethane	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
78-59-1	Isophorone	12	U
91-57-6	2-Methylnaphthalene	12	U
95-48-7	2-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
91-20-3	Naphthalene	12	U
88-74-4	2-Nitroaniline	61	U
99-09-2	3-Nitroaniline	61	U
100-01-6	4-Nitroaniline	61	U
98-95-3	Nitrobenzene	12	U
88-75-5	2-Nitrophenol	12	U
100-02-7	4-Nitrophenol	61	U
86-30-6	N-nitrosodiphenylamine	12	U
621-64-7	N-Nitroso-Di-n-propylamine	12	U
87-86-5	Pentachlorophenol	61	U
85-01-8	Phenanthrene	12	U
108-95-2	Phenol	12	U
129-00-0	Pyrene	12	U
95-95-4	2,4,5-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47508

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: V31079.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	12	U

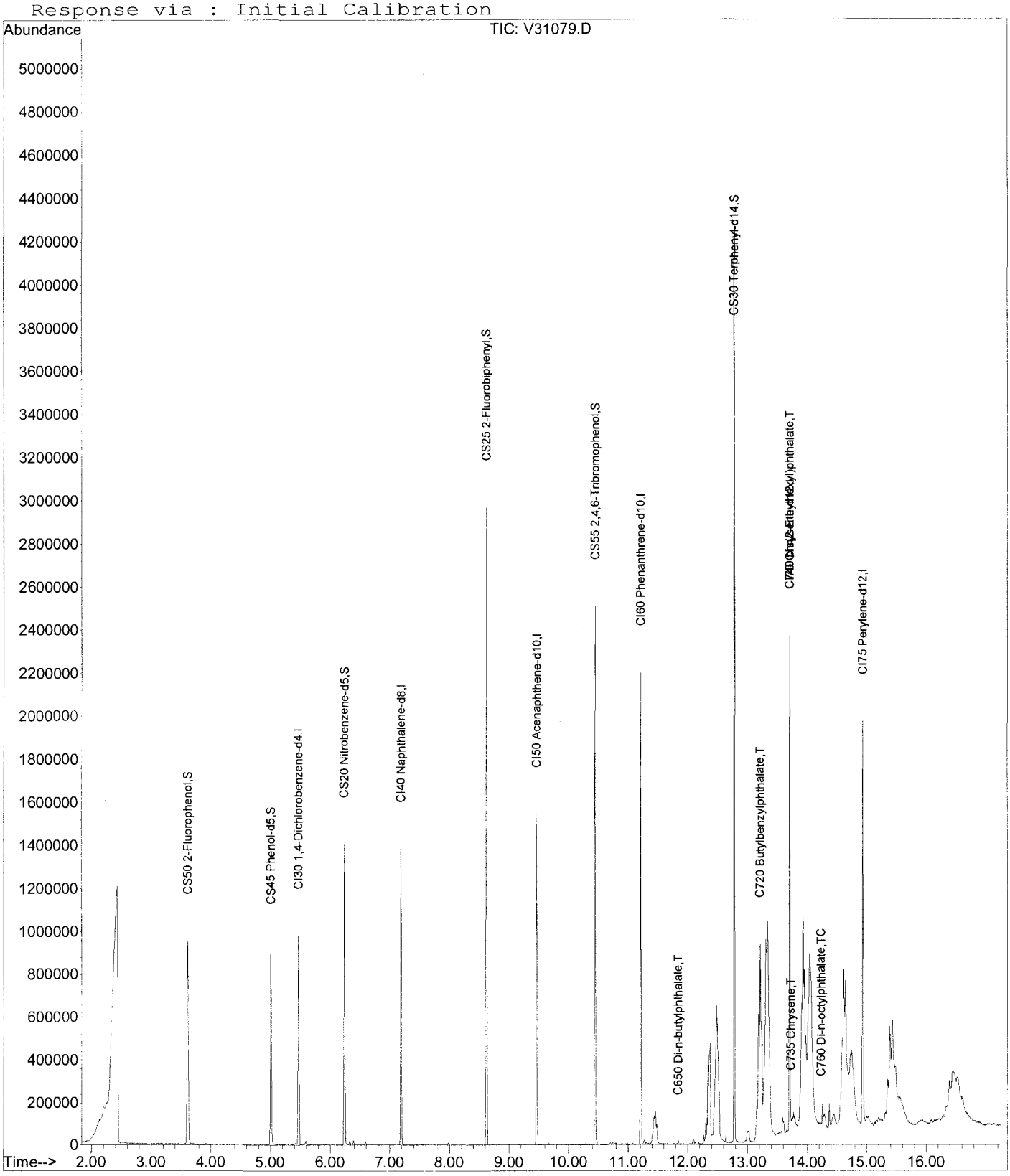
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:15 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	157566	40.00	ng	0.00 81.16%
20) CI40 Naphthalene-d8	7.19	136	578759	40.00	ng	0.00 79.65%
35) CI50 Acenaphthene-d10	9.46	164	339828	40.00	ng	0.00 82.60%
56) CI60 Phenanthrene-d10	11.21	188	768248	40.00	ng	0.00 88.05%
68) CI70 Chrysene-d12	13.71	240	717852	40.00	ng	0.00 88.04%
78) CI75 Perylene-d12	14.93	264	671080	40.00	ng	0.00 108.33%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	335257	56.46	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 37.64%			
5) CS45 Phenol-d5	5.01	99	358518	47.03	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 31.35%			
6) CS70 2-chlorophenol-d4	5.47	132	169	0.03	ng	0.32
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	499860	67.43	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.43%			
39) CS25 2-Fluorobiphenyl	8.62	172	921318	72.22	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 72.22%			
59) CS55 2,4,6-Tribromophenol	10.45	330	234463	147.25	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 98.17%			
71) CS30 Terphenyl-d14	12.78	244	1208353	74.33	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 74.33%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.	
7) C315 Phenol	5.03	94	437	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisopropyl	5.90	45	260	N.D.	
16) C355 2-Methylphenol	5.47	108	670	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	d
23) C415 Isophorone	6.53	82	180	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:15 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.			
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.			
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.			
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.			
30)	C450 Naphthalene	7.21	128	707	N.D.			
31)	C455 4-Chloroaniline	0.00	127	0	N.D.			
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.			
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41)	C530 2-Nitroaniline	0.00	65	0	N.D.			
42)	C540 Acenaphthylene	0.00	152	0	N.D.			
43)	C535 Dimethylphthalate	0.00	163	0	N.D.			
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45)	C550 Acenaphthene	0.00	153	0	N.D.			
46)	C545 3-Nitroaniline	8.63	138	362	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	0.00	168	0	N.D.			
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50)	C560 4-Nitrophenol	0.00	109	0	N.D.			
51)	C590 Fluorene	0.00	166	0	N.D.			
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.			
53)	C580 Diethylphthalate	10.06	149	376	N.D.			
54)	C620 1,2 diphenylhydrazine	10.38	77	182	N.D.			
55)	C595 4-Nitroaniline	0.00	138	0	N.D.			
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.			
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	0.00	266	0	N.D.			
63)	C640 Phenanthrene	11.24	178	2586	N.D.			
64)	C645 Anthracene	11.24	178	2586	N.D.			
65)	C647 carbazole	12.17	167	388	N.D.			
66)	C650 Di-n-butylphthalate	11.84	149	6369	0.29	ng		94
67)	C655 Fluoranthene	12.41	202	1130	N.D.			
69)	C715 Pyrene	12.63	202	432	N.D.			
70)	C710 benzidine	0.00	184	0	N.D.			
72)	C720 Butylbenzylphthalate	13.21	149	13513	1.31	ng	#	74
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.			
74)	C730 Benzo[a]anthracene	13.71	228	2612	N.D.			
75)	C735 Chrysene	13.73	228	11959m	0.54	ng		95
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	9631	0.68	ng		82
77)	C760 Di-n-octylphthalate	14.23	149	4855m	0.20	ng		71
79)	C765 Benzo[b]fluoranthene	14.59	252	1626	N.D.			
80)	C770 Benzo[k]fluoranthene	14.89	252	2131	N.D.			
81)	C775 Benzo[a]pyrene	14.89	252	2131	N.D.			
82)	C780 Indeno[1,2,3-cd]pyren	16.00	276	1575	N.D.			
83)	C785 Dibenz[a,h]anthracene	15.99	278	845	N.D.			
84)	C790 Benzo[g,h,i]perylene	16.29	276	993	N.D.			

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:47 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	157566	40.00	ng	0.00 99.58%
4) CI40 Naphthalene-d8	7.19	136	578759	40.00	ng	0.00 103.57%
7) CI50 Acenaphthene-d10	9.46	164	339828	40.00	ng	0.00 105.38%
10) CI60 Phenanthrene-d10	11.21	188	768248	40.00	ng	0.00 121.16%
12) CI70 Chrysene-d12	13.71	240	717852	40.00	ng	0.00 105.78%
13) CI75 Perylene-d12	14.93	264	671080	40.00	ng	0.00 123.56%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.01	77	472	N.D.	
3) E145 Acetophenone	5.87	105	723	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Bipheny1	8.74	154	1625	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

9/9/08

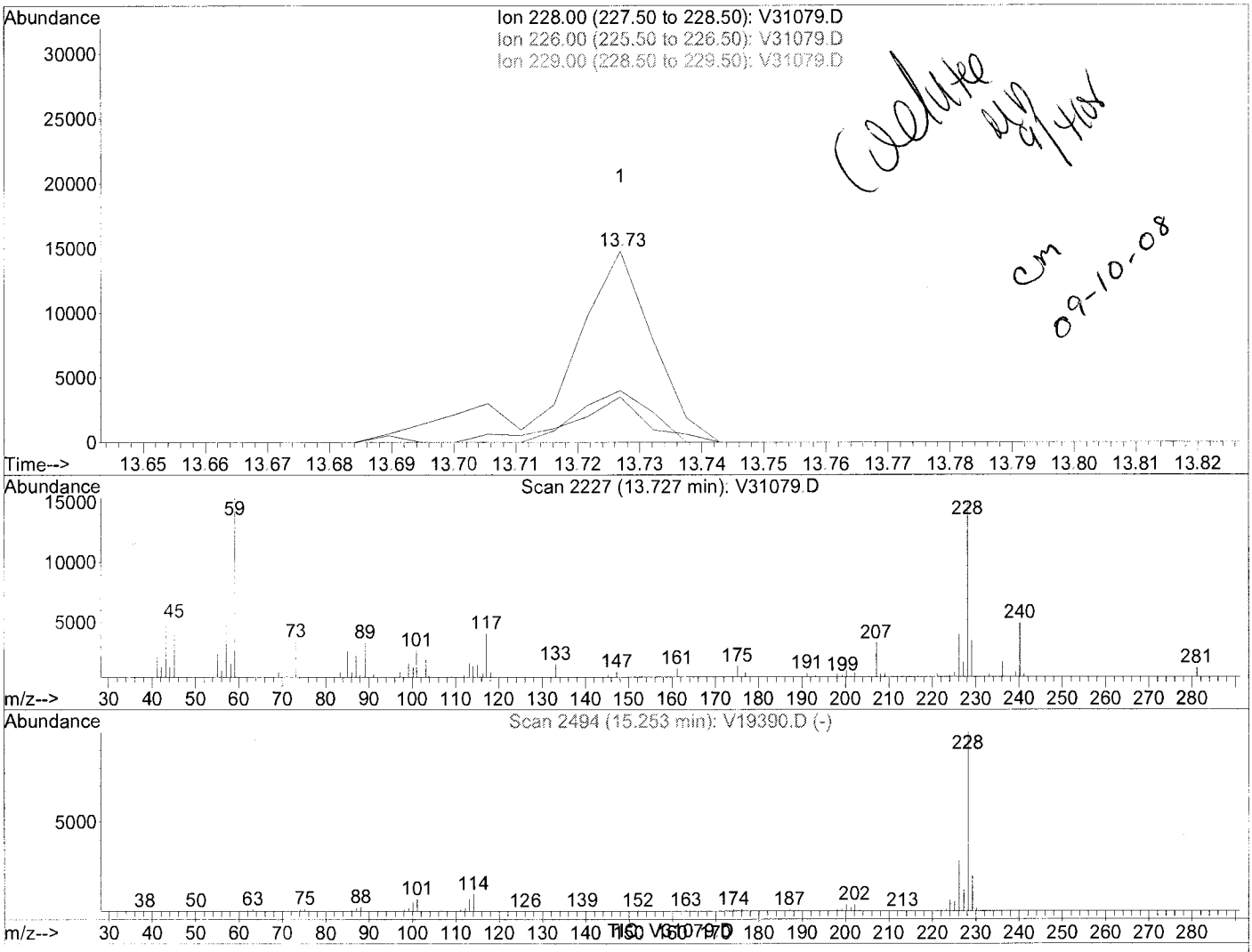
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration



(75) C735 Chrysene (T)

13.73min 0.66ng

response 14567

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	27.16
229.00	19.20	23.78
0.00	0.00	0.00

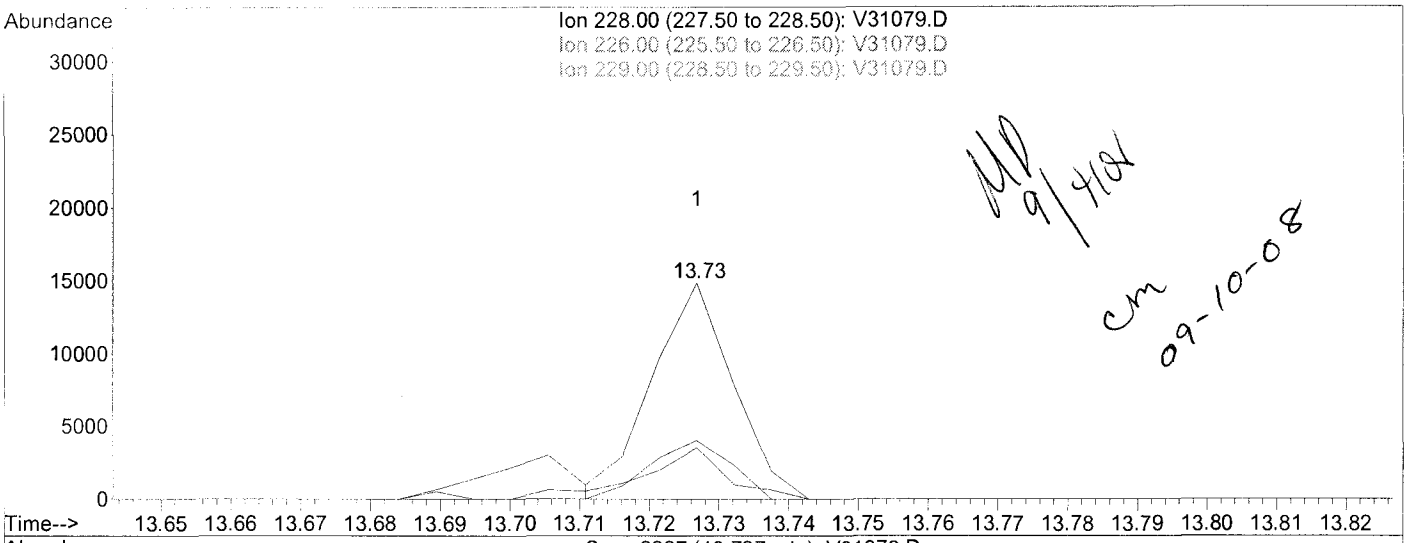
Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

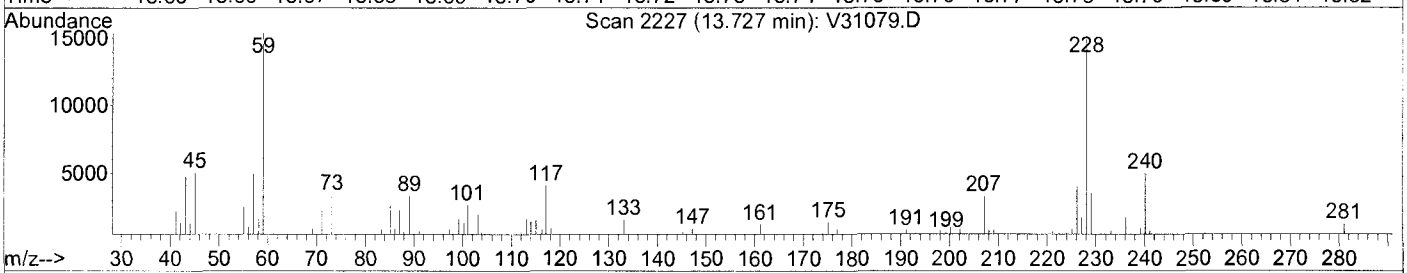
Quant Results File: temp.res

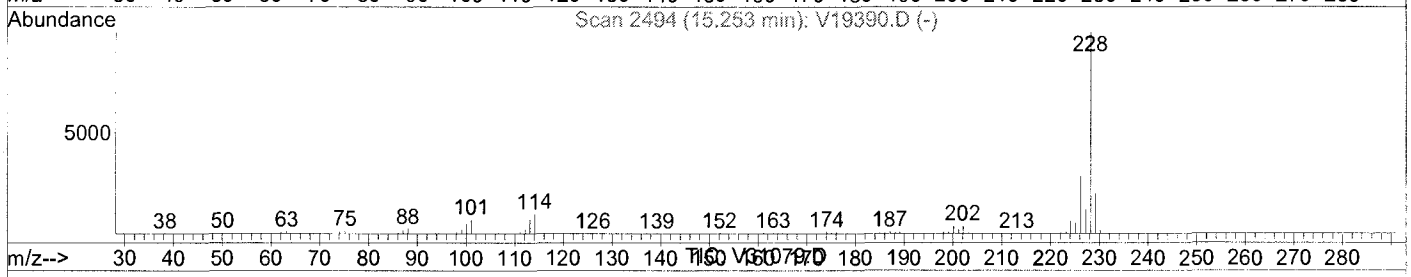
Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration



MP 9/4/08

CM 09-10-08





(75) C735 Chrysene (T)

13.73min 0.54ng m

response 11959

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	27.16
229.00	19.20	23.78
0.00	0.00	0.00

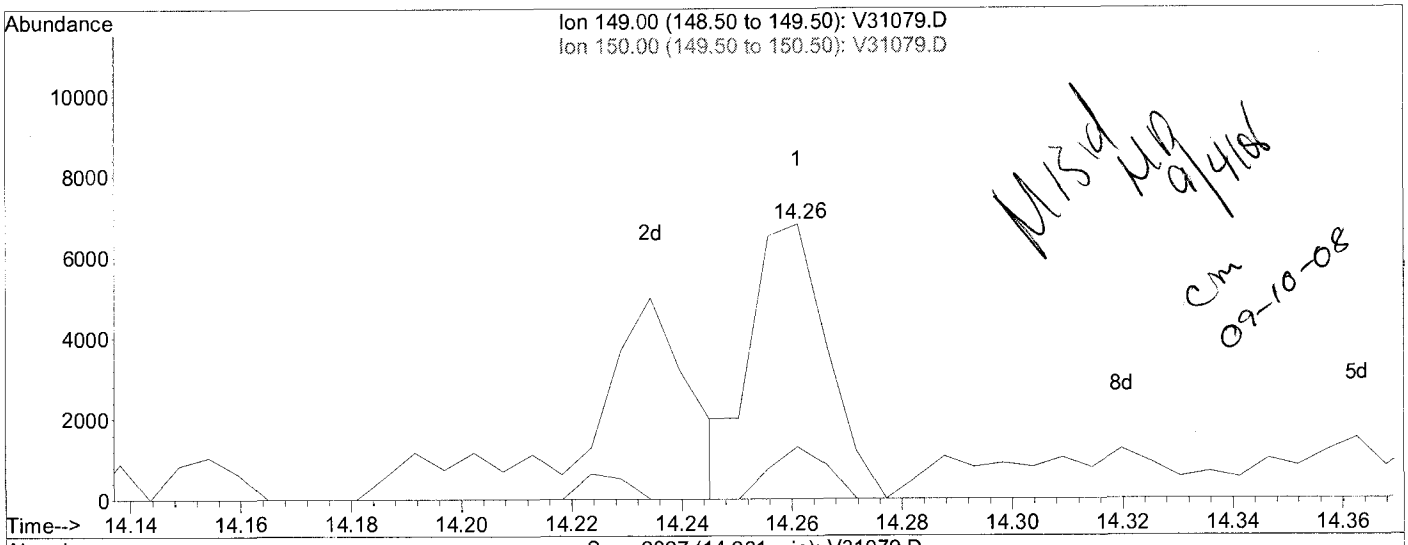
Quantitation Report (Qedit)

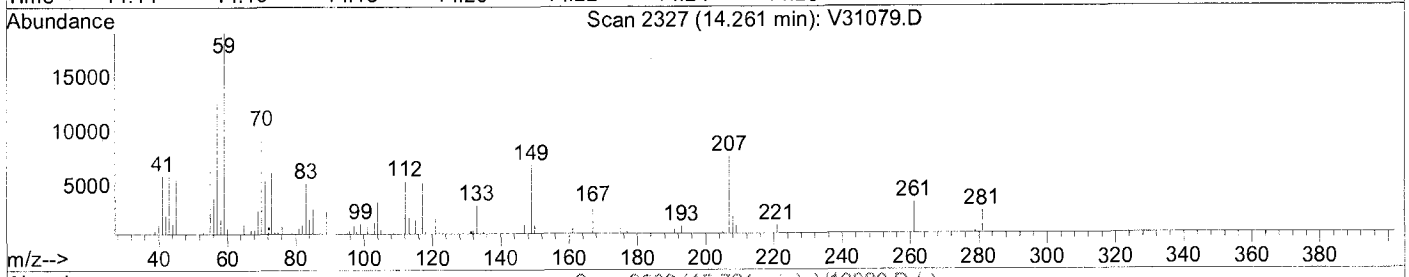
Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

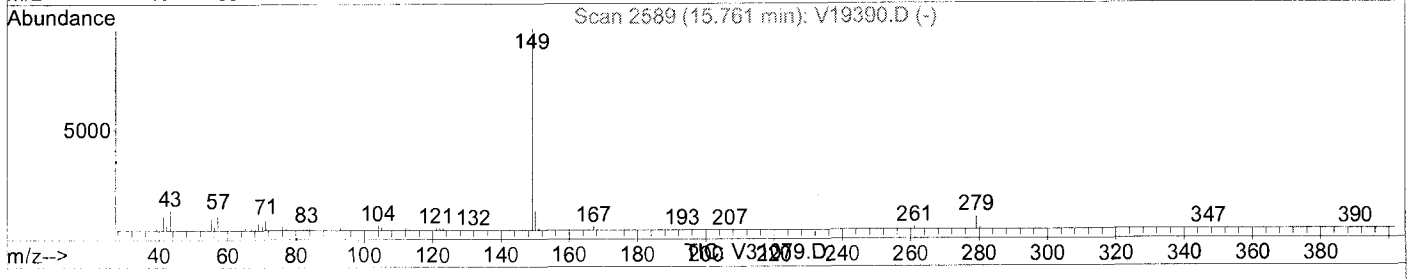
Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration







(77) C760 Di-n-octylphthalate (TC)

14.26min 0.27ng

response 6502

Ion	Exp%	Act%
149.00	100	100
150.00	8.60	19.00
0.00	0.00	0.00
0.00	0.00	0.00

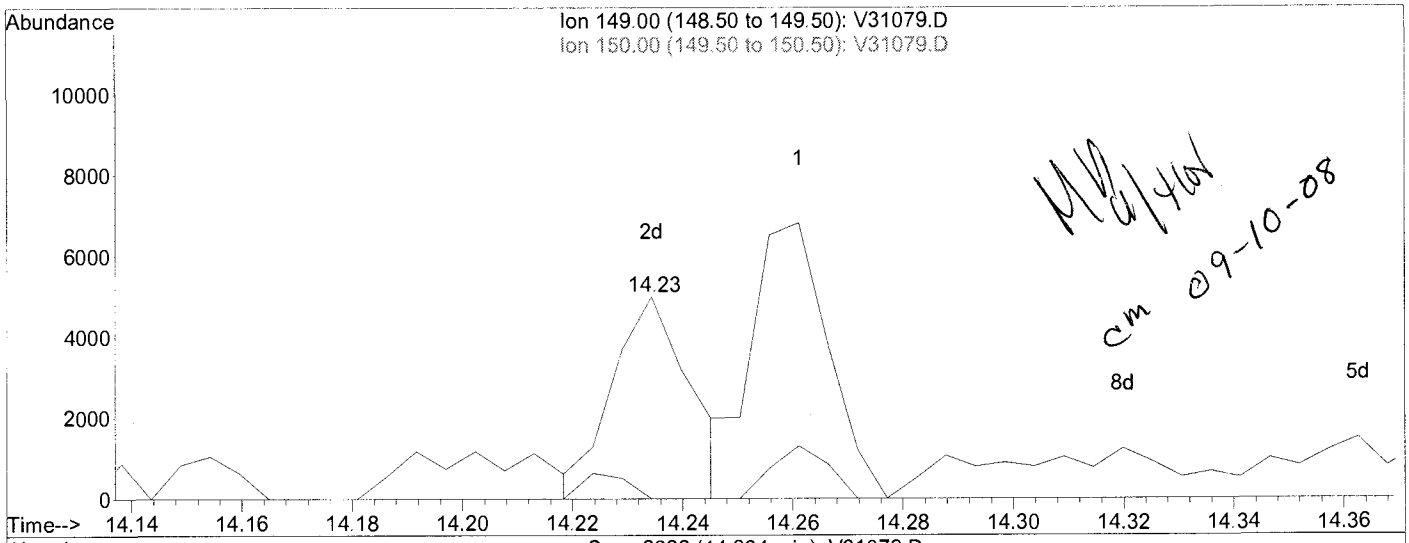
Quantitation Report (Qedit)

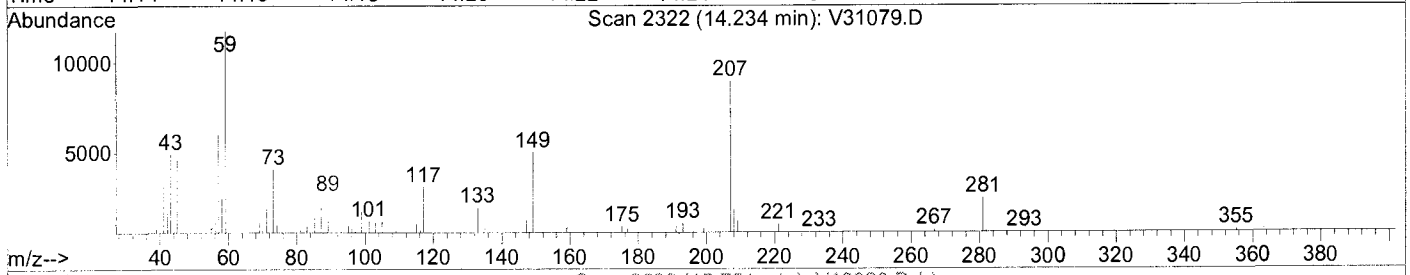
Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

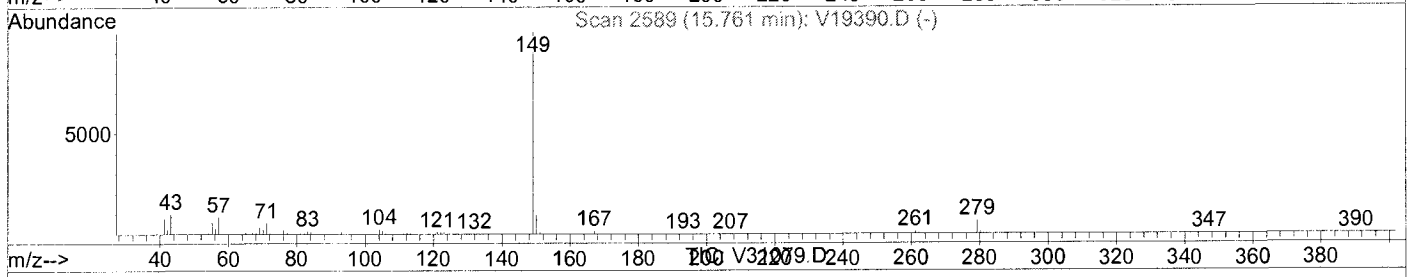
Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration





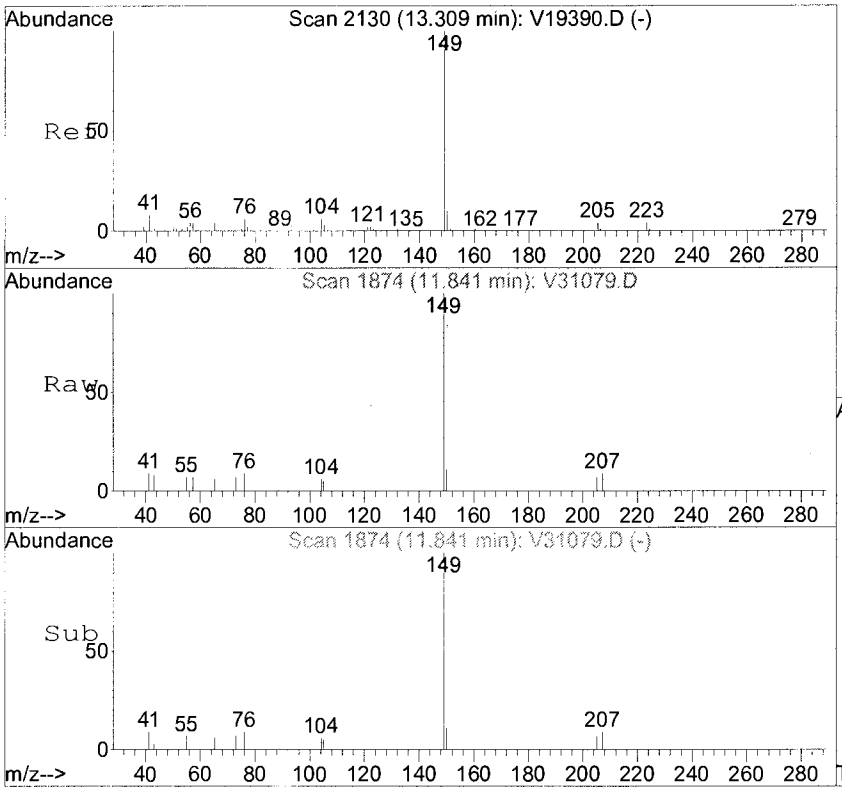


(77) C760 Di-n-octylphthalate (TC)

14.23min 0.20ng m

response 4855

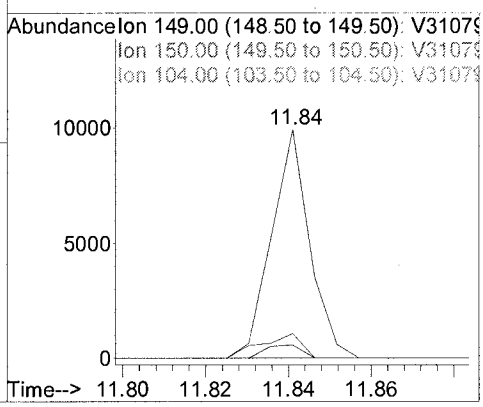
Ion	Exp%	Act%
149.00	100	100
150.00	8.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

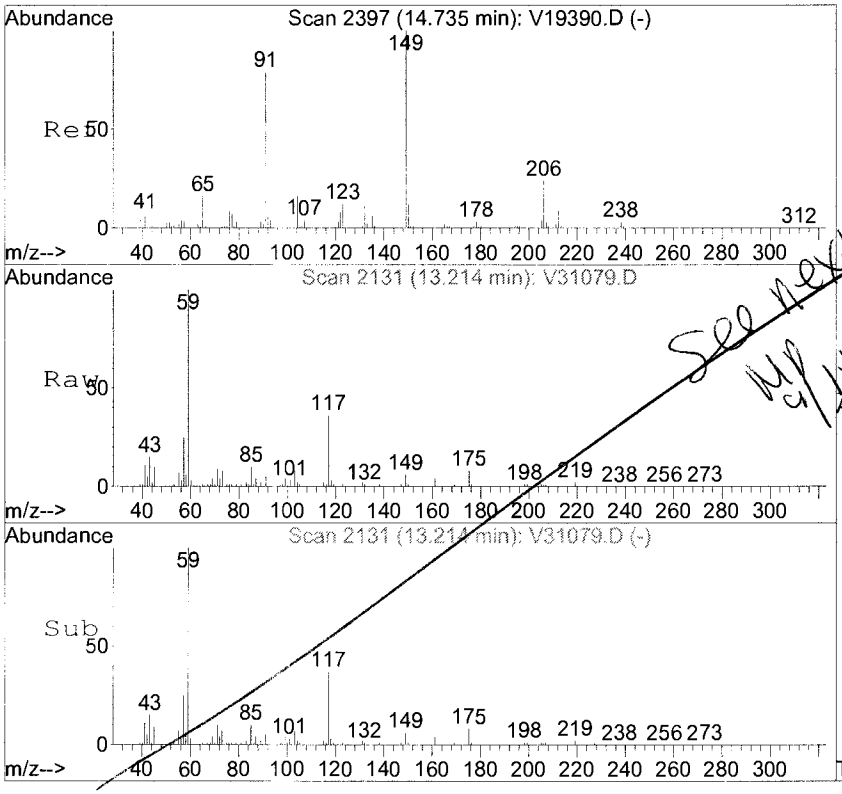


#66
C650 Di-n-butylphthalate
Concen: 0.29 ng
RT: 11.84 min Scan# 1874
Delta R.T. 0.00 min
Lab File: V31079.D
Acq: 4 Sep 2008 5:36

Tgt Ion:149 Resp: 6369

Ion	Ratio	Lower	Upper
149	100		
150	10.8	0.0	28.3
104	5.8	0.0	24.7

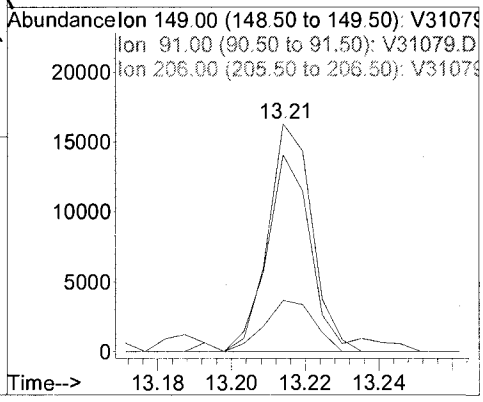




#72
C720 Butylbenzylphthalate
Concen: 1.31 ng
RT: 13.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: V31079.D
Acq: 4 Sep 2008 5:36

Tgt Ion:149 Resp: 13513

Ion	Ratio	Lower	Upper
149	100		
91	82.4	38.2	78.2#
206	22.4	0.0	39.3



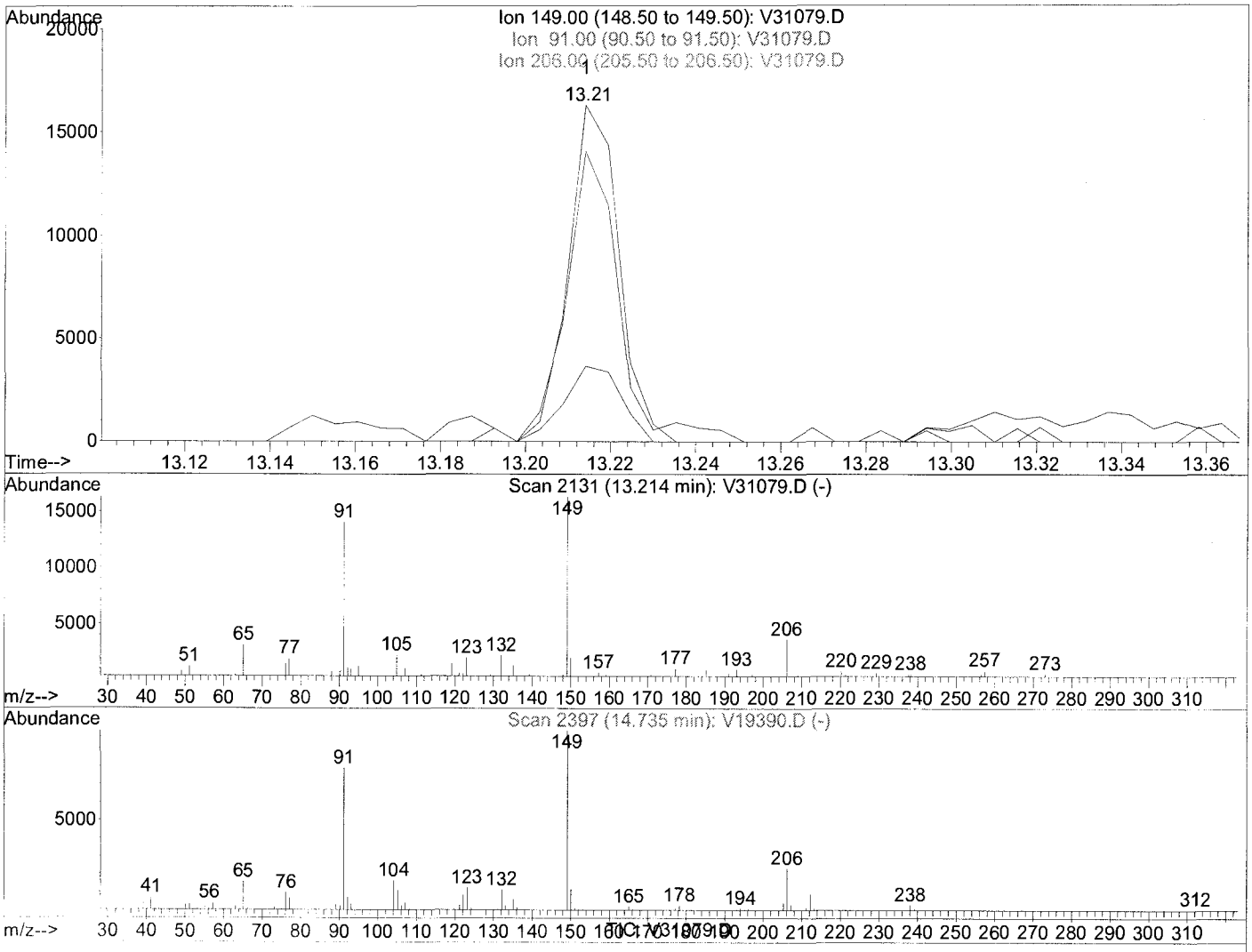
See next Page

Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration

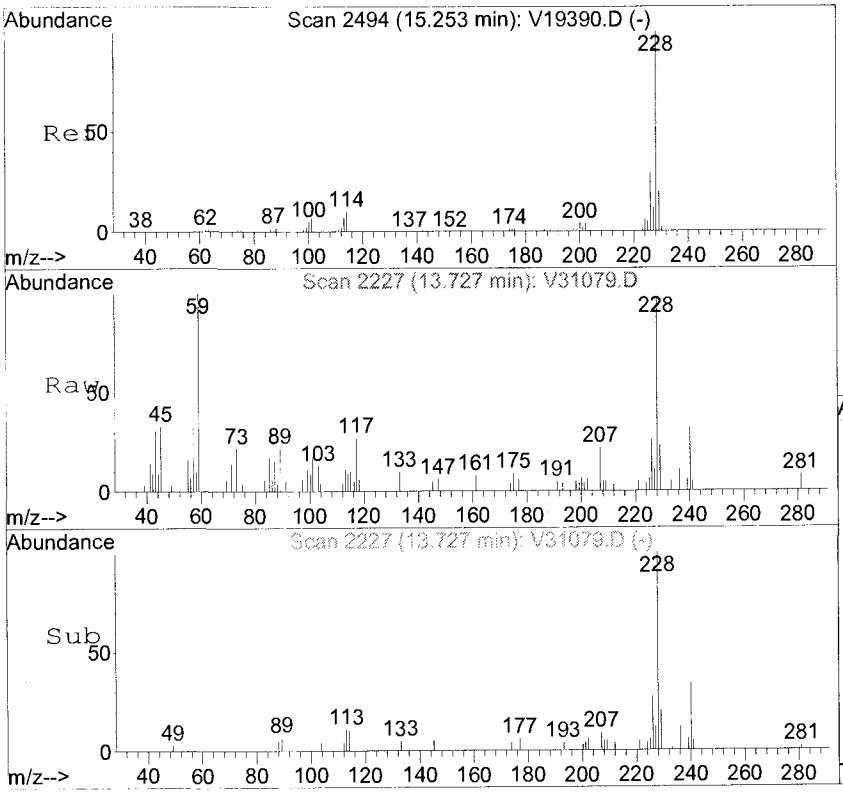


(72) C720 Butylbenzylphthalate (T)

13.21min 1.31ng

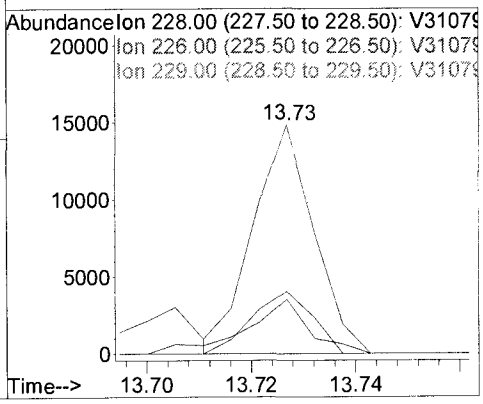
response 13513

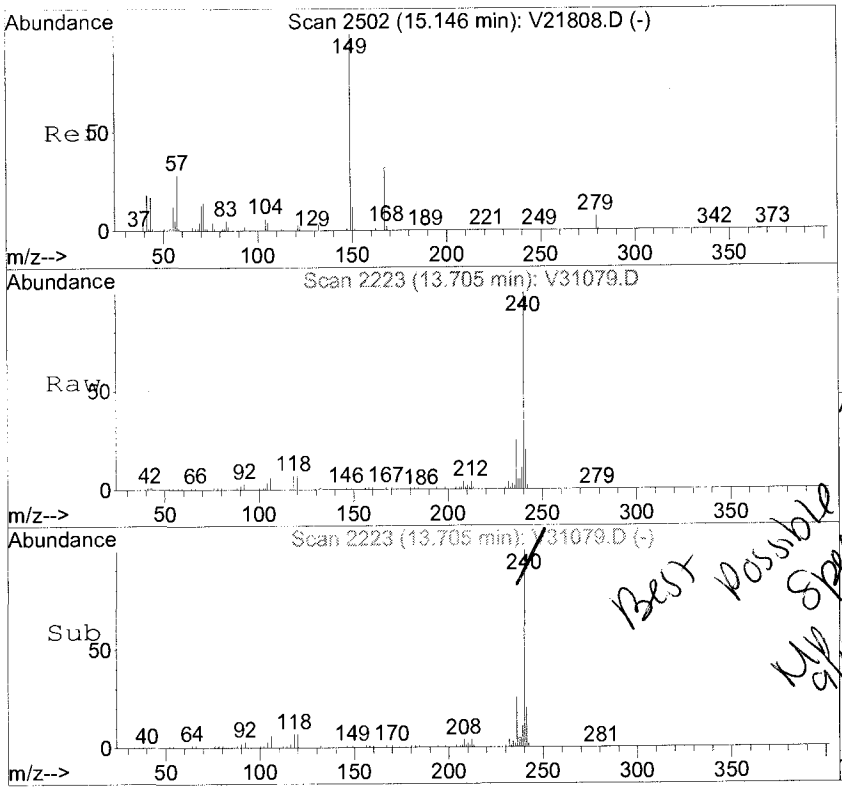
Ion	Exp%	Act%
149.00	100	100
91.00	58.20	82.42#
206.00	19.30	22.42
0.00	0.00	0.00



#75
C735 Chrysene
Concen: 0.54 ng m
RT: 13.73 min Scan# 2227
Delta R.T. 0.00 min
Lab File: V31079.D
Acq: 4 Sep 2008 5:36

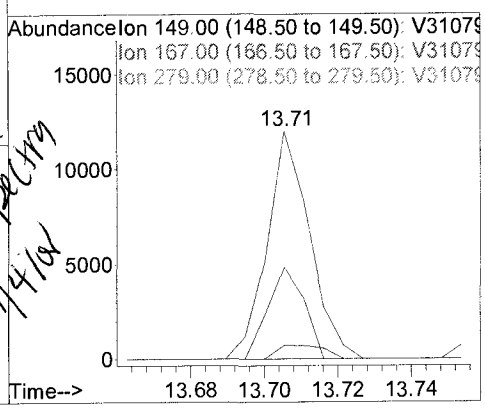
Tgt Ion:228	Resp:	11959
Ion	Ratio	Lower	Upper
228	100		
226	27.2	7.8	47.8
229	23.8	0.0	39.2

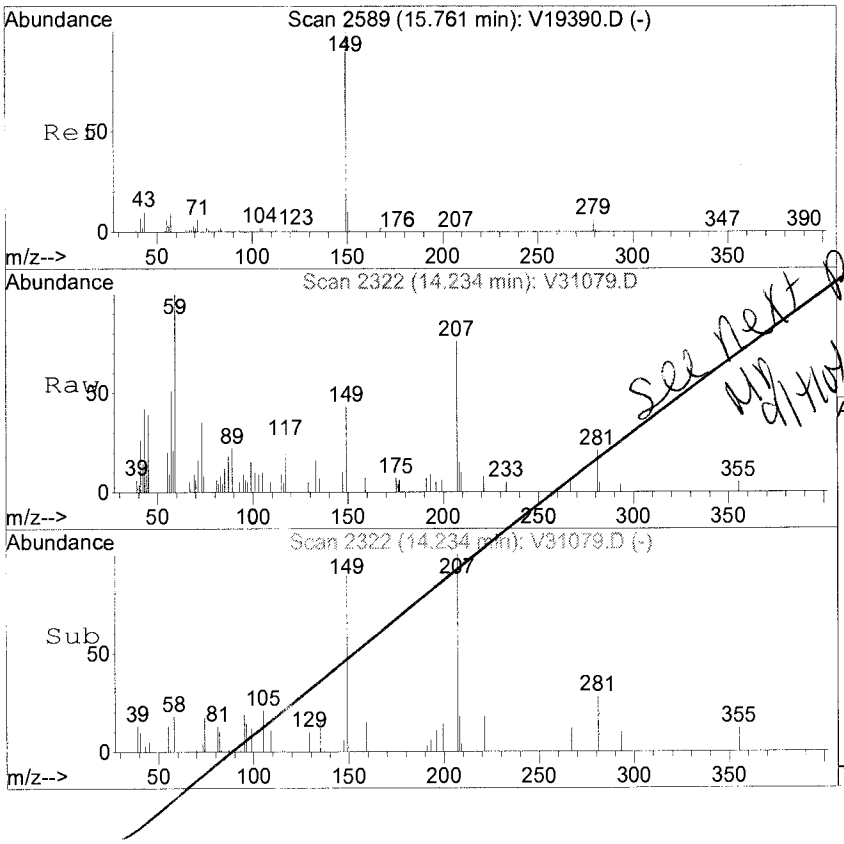




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.68 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31079.D
Acq: 4 Sep 2008 5:36

Tgt Ion:149	Resp:	9631
Ion	Ratio	Lower	Upper
149	100		
167	40.1	8.3	48.3
279	6.1	0.0	26.1

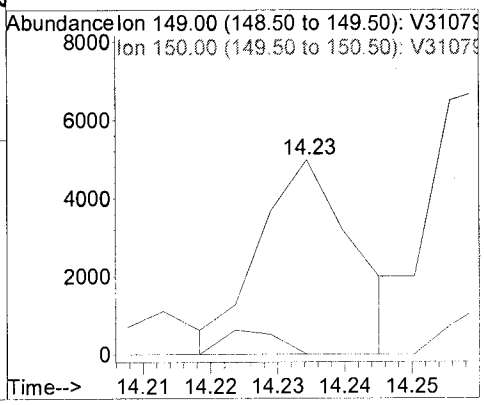




#77
C760 Di-n-octylphthalate
Concen: 0.20 ng m
RT: 14.23 min Scan# 2322
Delta R.T. 0.00 min
Lab File: V31079.D
Acq: 4 Sep 2008 5:36

Qual Ion:149 Resp: 4855

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	28.6



See next page

MW 9/4/08

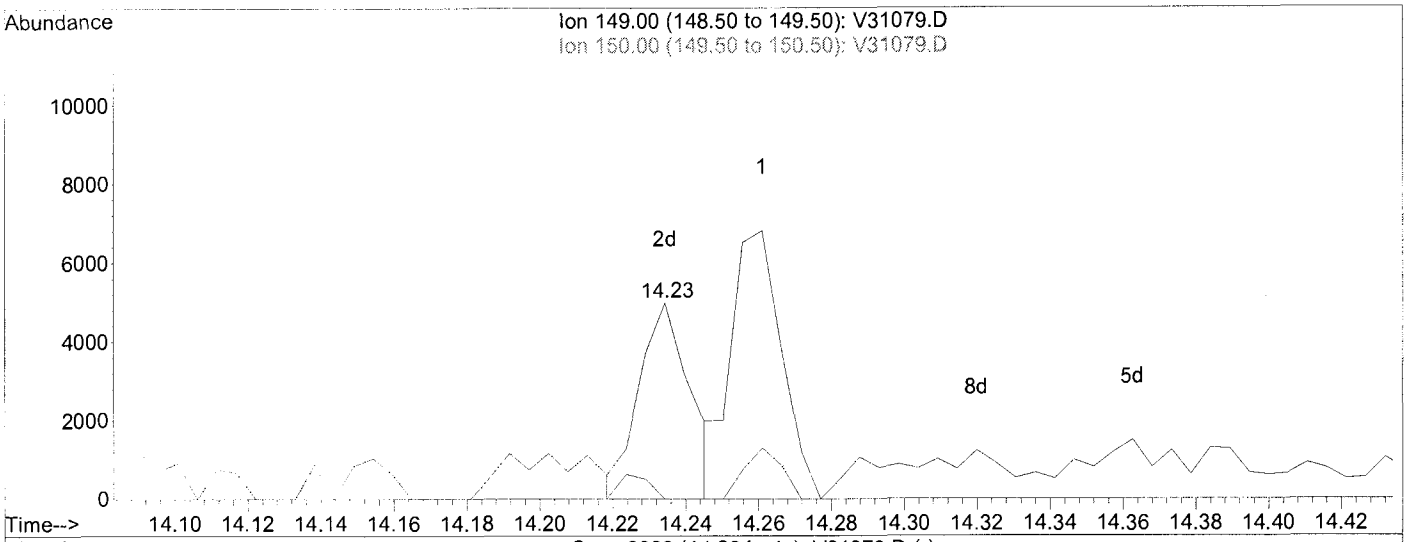
Quantitation Report (Qedit)

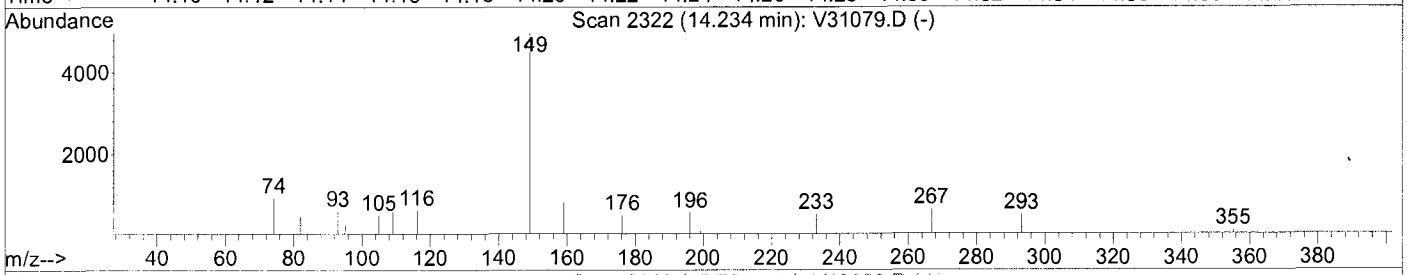
Data File : D:\DATA\090308\V31079.D
Acq On : 4 Sep 2008 5:36
Sample : A8A47508 AW80015623
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:47 2008

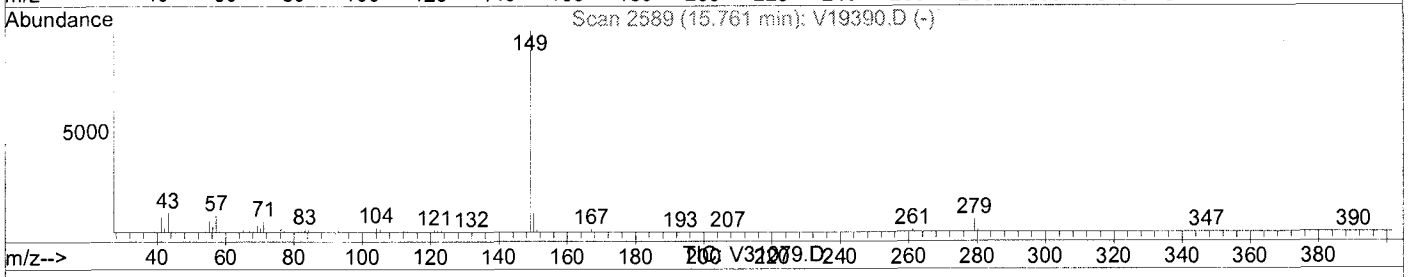
Vial: 26
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration







(77) C760 Di-n-octylphthalate (TC)

14.23min 0.20ng m

response 4855

Ion	Exp%	Act%
149.00	100	100
150.00	8.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 780.00 (g/mL) ML Lab File ID: V31123.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	13	U
208-96-8	Acenaphthylene	13	U
98-86-2	Acetophenone	13	U
120-12-7	Anthracene	13	U
1912-24-9	Atrazine	13	U
100-52-7	Benzaldehyde	13	U
56-55-3	Benzo(a)anthracene	13	U
205-99-2	Benzo(b)fluoranthene	13	U
207-08-9	Benzo(k)fluoranthene	13	U
191-24-2	Benzo(ghi)perylene	13	U
50-32-8	Benzo(a)pyrene	13	U
92-52-4	Biphenyl	13	U
111-91-1	Bis(2-chloroethoxy) methane	13	U
111-44-4	Bis(2-chloroethyl) ether	13	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	13	U
117-81-7	Bis(2-ethylhexyl) phthalate	13	U
101-55-3	4-Bromophenyl phenyl ether	13	U
85-68-7	Butyl benzyl phthalate	13	U
106-47-8	4-Chloroaniline	4	J
59-50-7	4-Chloro-3-methylphenol	13	U
91-58-7	2-Chloronaphthalene	13	U
95-57-8	2-Chlorophenol	13	U
7005-72-3	4-Chlorophenyl phenyl ether	13	U
105-60-2	Caprolactam	64	U
86-74-8	Carbazole	13	U
218-01-9	Chrysene	0.7	BJ
53-70-3	Dibenzo(a,h)anthracene	13	U
132-64-9	Dibenzofuran	13	U
84-74-2	Di-n-butyl phthalate	13	U
91-94-1	3,3'-Dichlorobenzidine	13	U
120-83-2	2,4-Dichlorophenol	13	U
84-66-2	Diethyl phthalate	13	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 780.00 (g/mL) ML Lab File ID: V31123.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	13	U
131-11-3	Dimethyl phthalate	13	U
534-52-1	4,6-Dinitro-2-methylphenol	64	U
51-28-5	2,4-Dinitrophenol	64	U
121-14-2	2,4-Dinitrotoluene	13	U
606-20-2	2,6-Dinitrotoluene	13	U
117-84-0	Di-n-octyl phthalate	13	U
206-44-0	Fluoranthene	13	U
86-73-7	Fluorene	13	U
118-74-1	Hexachlorobenzene	13	U
87-68-3	Hexachlorobutadiene	13	U
77-47-4	Hexachlorocyclopentadiene	13	U
67-72-1	Hexachloroethane	13	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	U
78-59-1	Isophorone	13	U
91-57-6	2-Methylnaphthalene	13	U
95-48-7	2-Methylphenol	13	U
106-44-5	4-Methylphenol	13	U
91-20-3	Naphthalene	13	U
88-74-4	2-Nitroaniline	64	U
99-09-2	3-Nitroaniline	64	U
100-01-6	4-Nitroaniline	64	U
98-95-3	Nitrobenzene	4	J
88-75-5	2-Nitrophenol	13	U
100-02-7	4-Nitrophenol	64	U
86-30-6	N-nitrosodiphenylamine	13	U
621-64-7	N-Nitroso-Di-n-propylamine	13	U
87-86-5	Pentachlorophenol	64	U
85-01-8	Phenanthrene	0.3	BJ
108-95-2	Phenol	13	U
129-00-0	Pyrene	13	U
95-95-4	2,4,5-Trichlorophenol	13	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A47509

Sample wt/vol: 780.00 (g/mL) ML Lab File ID: V31123.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	13	U

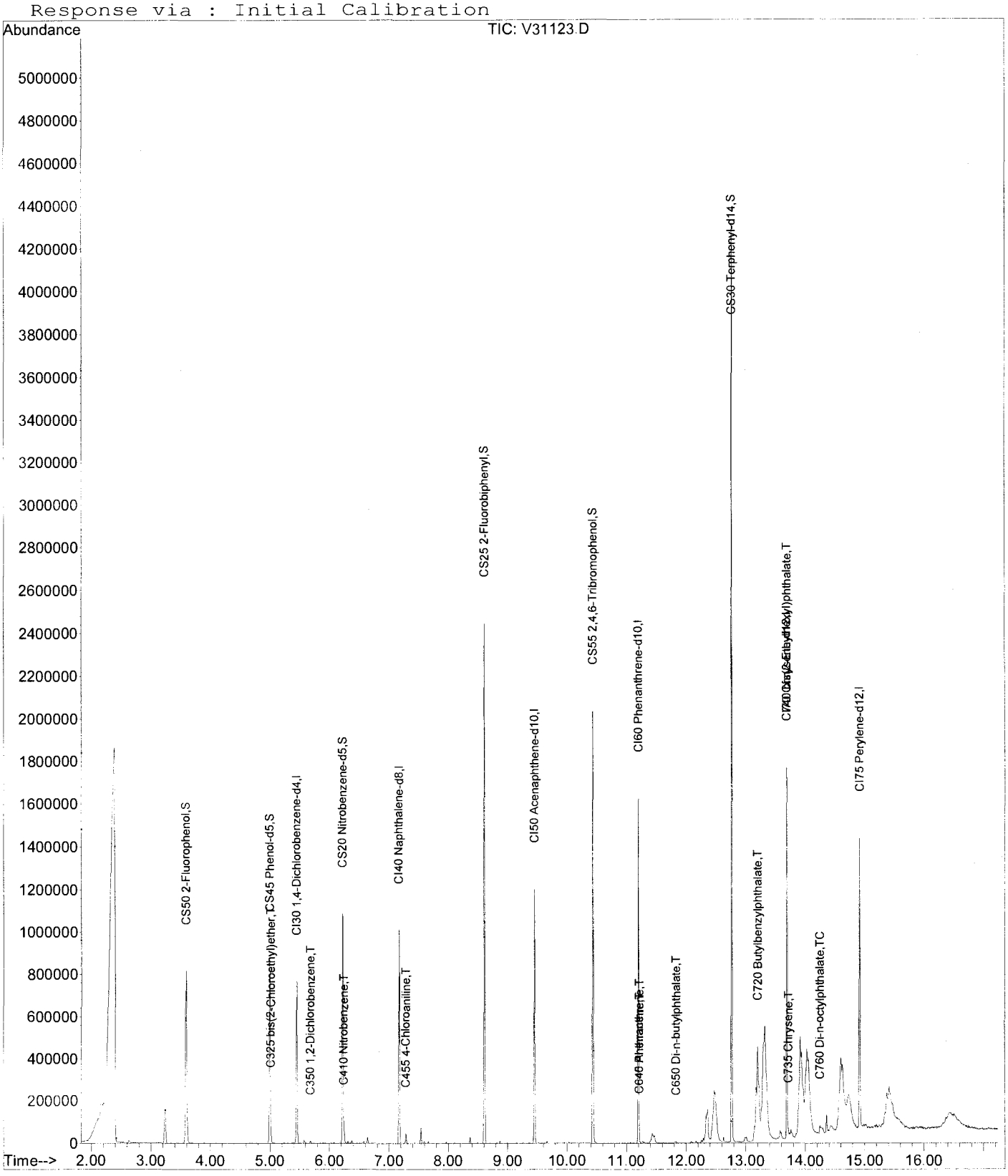
Quantitation Report (Not Reviewed)

Data File : D:\DATA\090408\V31123.D
Acq On : 5 Sep 2008 00:57
Sample : A8A47509 AW80015776
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:49 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31123.D
Acq On : 5 Sep 2008 00:57
Sample : A8A47509 AW80015776
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 05 15:49:12 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

SS 9/6/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	118248	40.00	ng	0.00 84.83%
20) CI40 Naphthalene-d8	7.17	136	446402	40.00	ng	0.00 86.81%
35) CI50 Acenaphthene-d10	9.45	164	258499	40.00	ng	0.00 86.90%
56) CI60 Phenanthrene-d10	11.20	188	566689	40.00	ng	0.00 89.82%
68) CI70 Chrysene-d12	13.69	240	558262	40.00	ng	0.00 87.51%
78) CI75 Perylene-d12	14.92	264	468819	40.00	ng	0.00 88.01%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.59	112	291124	65.33	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 43.55%			
5) CS45 Phenol-d5	5.00	99	324689	56.76	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 37.84%			
6) CS70 2-chlorophenol-d4	5.46	132	204	0.05	ng	0.31
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.22	82	397070	69.45	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 69.45%			
39) CS25 2-Fluorobiphenyl	8.61	172	722666	74.47	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 74.47%			
59) CS55 2,4,6-Tribromophenol	10.44	330	196049	166.92	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 111.28%			
71) CS30 Terphenyl-d14	12.77	244	1164425	92.10	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 92.10%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.17	74	209	N.D.		
~~4) C325 bis(2-Chloroethyl)eth~~	~~5.02~~	~~93~~	~~1293~~	~~0.25~~	~~ng~~	~~# 62~~
7) C315 Phenol	5.01	94	574	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	5.02	93	1293	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.47	146	264	N.D.		
13) C350 1,2-Dichlorobenzene	5.68	146	2476	0.58	ng	80
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	5.88	45	199	N.D.		
16) C355 2-Methylphenol	5.45	108	231	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.25	77	20197	3.20	ng	84
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

9/22/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31123.D
Acq On : 5 Sep 2008 00:57
Sample : A8A47509 AW80015776
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 05 15:49:12 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

SS 9/6/08

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.		
30)	C450 Naphthalene	7.28	128	765	N.D.		
31)	C455 4-Chloroaniline	7.28	127	14669	2.95 ng		87
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	8.36	162	229	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	0.00	152	0	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45)	C550 Acenaphthene	0.00	153	0	N.D.		
46)	C545 3-Nitroaniline	8.60	138	465	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	0.00	168	0	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	0.00	149	0	N.D.		
54)	C620 1,2 diphenylhydrazine	10.43	77	1451	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	11.22	178	3081	0.22 ng		74
~~64)~~	~~C645 Anthracene~~	~~11.22~~	~~178~~	~~3081~~	~~0.21 ng~~		~~74~~
65)	C647 carbazole	12.17	167	358	N.D.		
66)	C650 Di-n-butylphthalate	11.83	149	4126	0.25 ng		83
67)	C655 Fluoranthene	12.41	202	1427	N.D.		
69)	C715 Pyrene	12.62	202	832	N.D.		
70)	C710 benzidine	12.57	184	162	N.D.		
72)	C720 Butylbenzylphthalate	13.20	149	7693	0.96 ng	#	58
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	13.69	228	2222	N.D.		
75)	C735 Chrysene	13.72	228	9163	0.54 ng		90
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	8609	0.78 ng		95
~~77)~~	~~C760 Di-n-octylphthalate~~	~~14.25~~	~~149~~	~~4067~~	~~0.22 ng~~		~~76~~
79)	C765 Benzo[b]fluoranthene	14.59	252	1381	N.D.		
80)	C770 Benzo[k]fluoranthene	14.60	252	1113	N.D.		
81)	C775 Benzo[a]pyrene	14.86	252	404	N.D.		
82)	C780 Indeno[1,2,3-cd]pyren	15.97	276	521	N.D.		
83)	C785 Dibenz[a,h]anthracene	15.98	278	1155	N.D.		
84)	C790 Benzo[g,h,i]perylene	16.28	276	219	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31123.D
Acq On : 5 Sep 2008 00:57
Sample : A8A47509 AW80015776
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 08 09:45:38 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

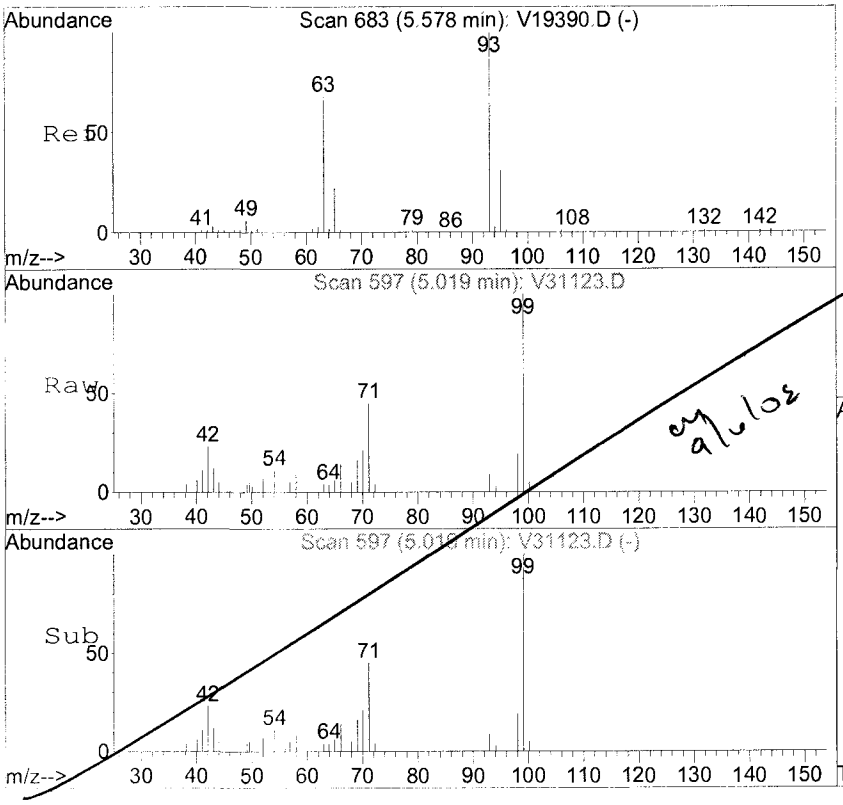
Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	118248	40.00	ng	0.00 74.73%
4) CI40 Naphthalene-d8	7.17	136	446402	40.00	ng	0.00 79.89%
7) CI50 Acenaphthene-d10	9.45	164	258499	40.00	ng	0.00 80.16%
10) CI60 Phenanthrene-d10	11.20	188	566689	40.00	ng	0.00 89.37%
12) CI70 Chrysene-d12	13.69	240	558262	40.00	ng	0.00 82.26%
13) CI75 Perylene-d12	14.92	264	468819	40.00	ng	0.00 86.32%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.00	77	547	N.D.		
3) E145 Acetophenone	6.03	105	210	N.D.		
~~5) E655 Caprolactam~~	~~7.66~~	~~113~~	~~350~~	~~3.43~~	~~ng~~	~~# 1~~
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.73	154	879	N.D.		
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

MV 9/18/08

9/23/08

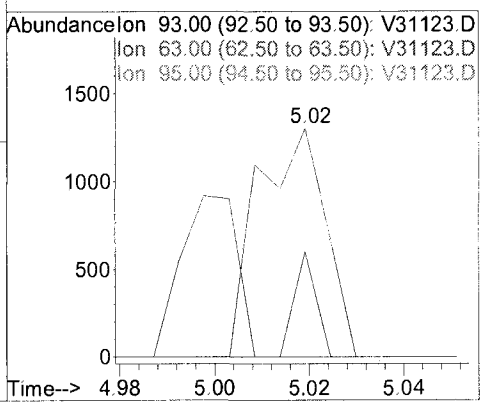
(#) = qualifier out of range (m) = manual integration

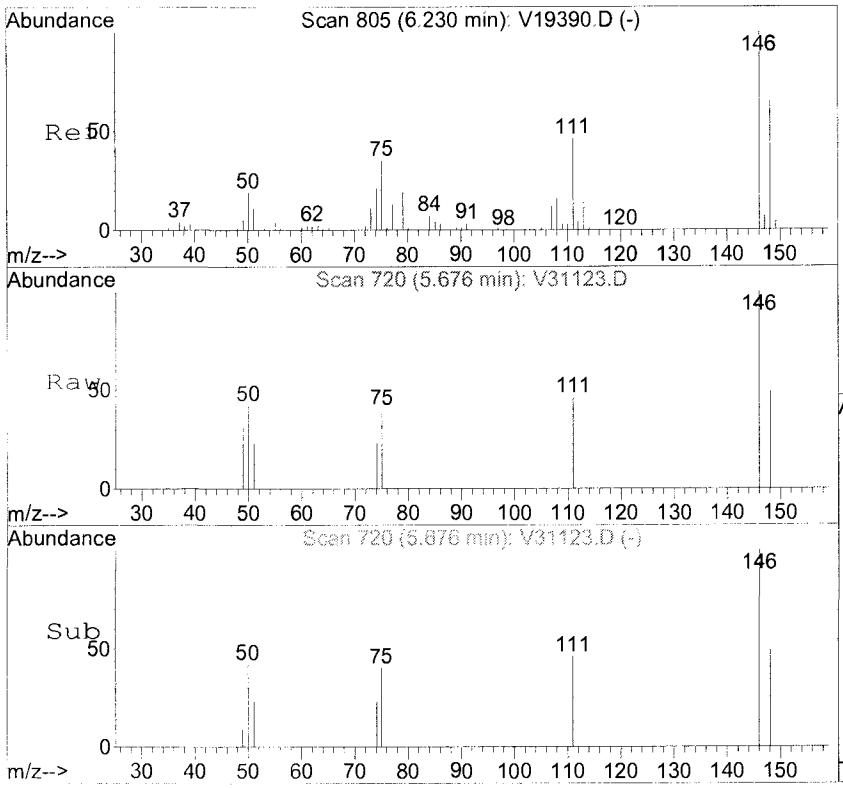


#4
C325 bis(2-Chloroethyl)ether
Concen: 0.25 ng
RT: 5.02 min Scan# 597
Delta R.T. -0.09 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion: 93 Resp: 1293

Ion	Ratio	Lower	Upper
93	100		
63	46.2	50.8	90.8#
95	0.0	11.3	51.3#

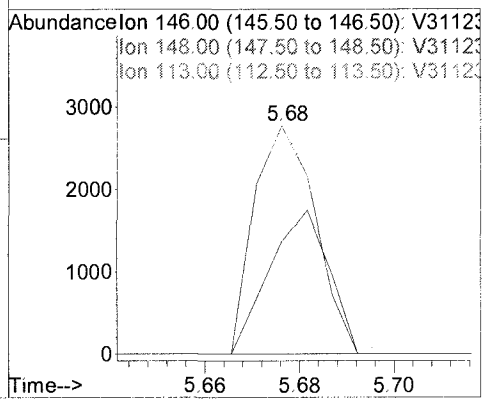


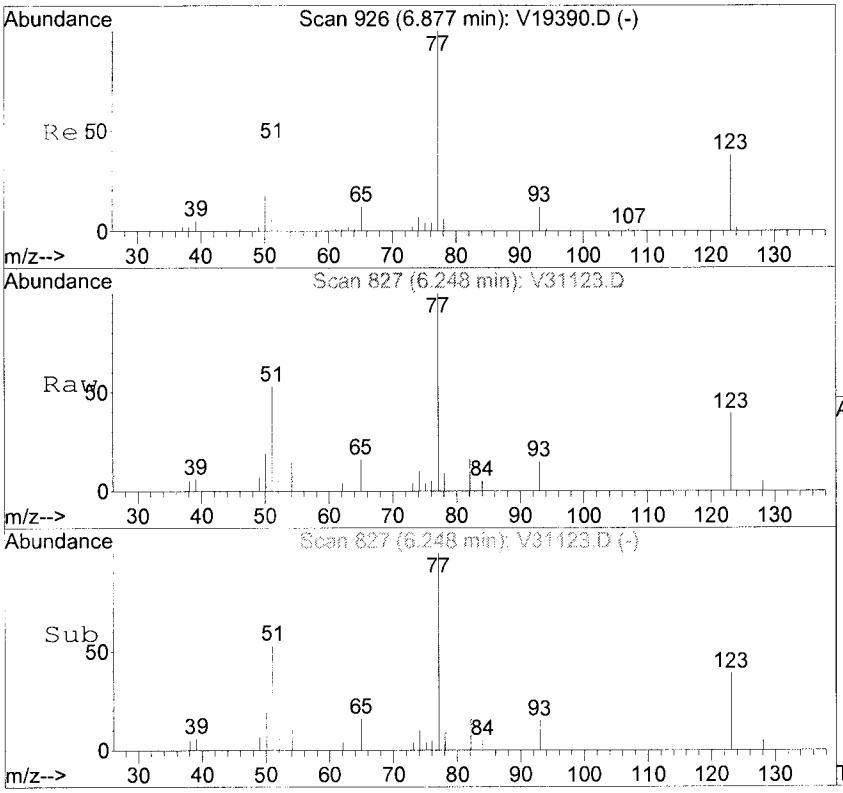


#13
C350 1,2-Dichlorobenzene
Concen: 0.58 ng
RT: 5.68 min Scan# 720
Delta R.T. -0.01 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:146 Resp: 2476

Ion	Ratio	Lower	Upper
146	100		
148	49.2	42.6	82.6
113	0.0	0.0	32.1

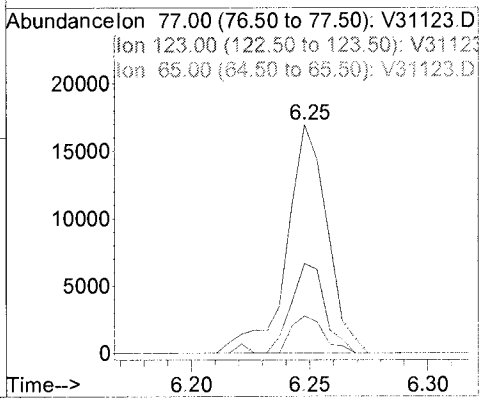


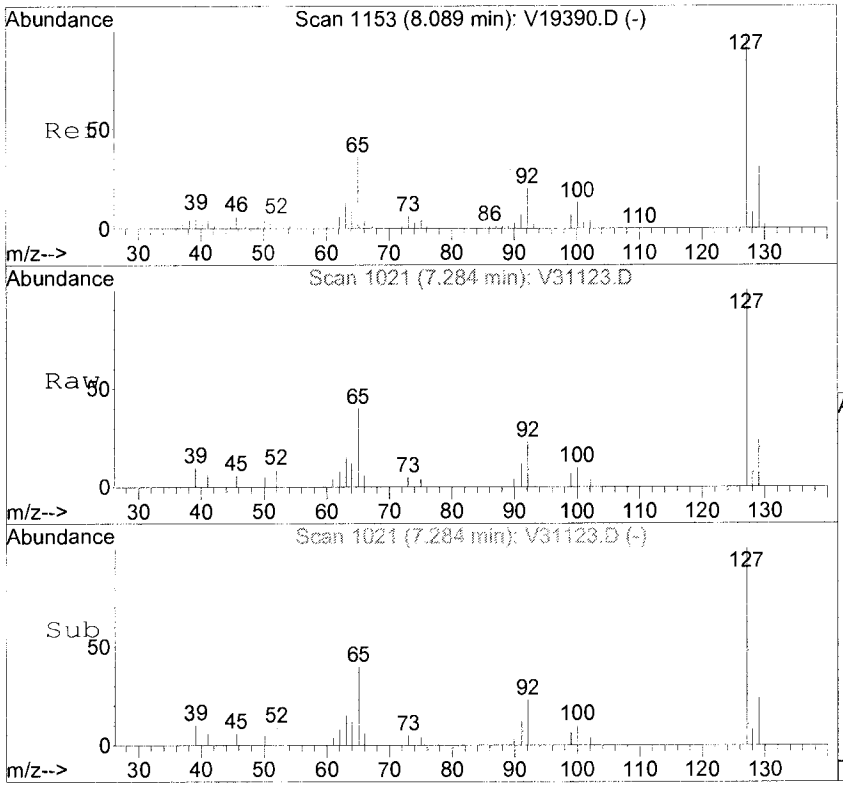


#22
C410 Nitrobenzene
Concen: 3.20 ng
RT: 6.25 min Scan# 827
Delta R.T. -0.01 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion: 77 Resp: 20197

Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.9	71.9
65	16.1	0.0	33.3

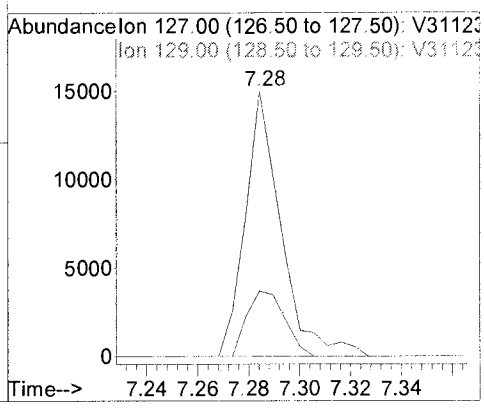


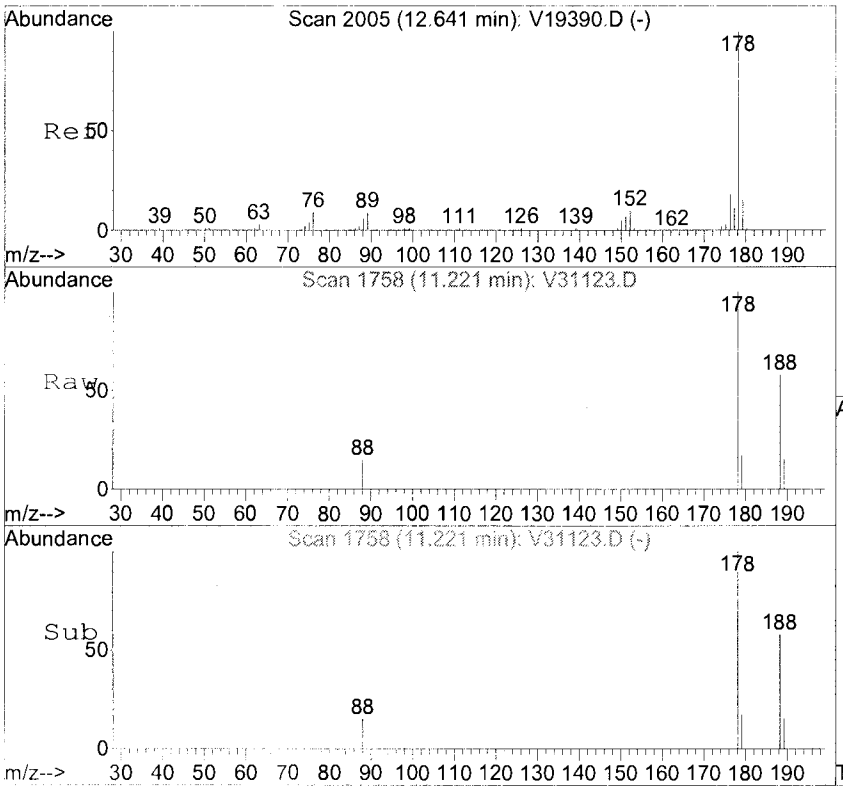


#31
C455 4-Chloroaniline
Concen: 2.95 ng
RT: 7.28 min Scan# 1021
Delta R.T. -0.03 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:127 Resp: 14669

Ion	Ratio	Lower	Upper
127	100		
129	24.5	12.0	52.0

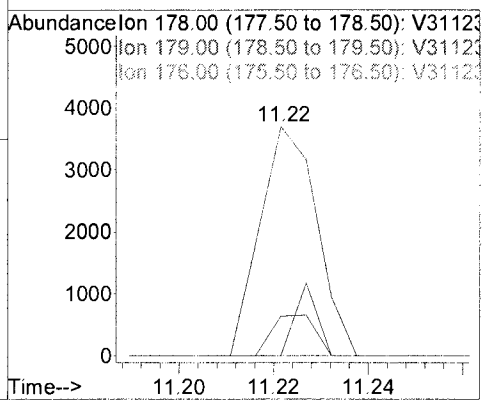


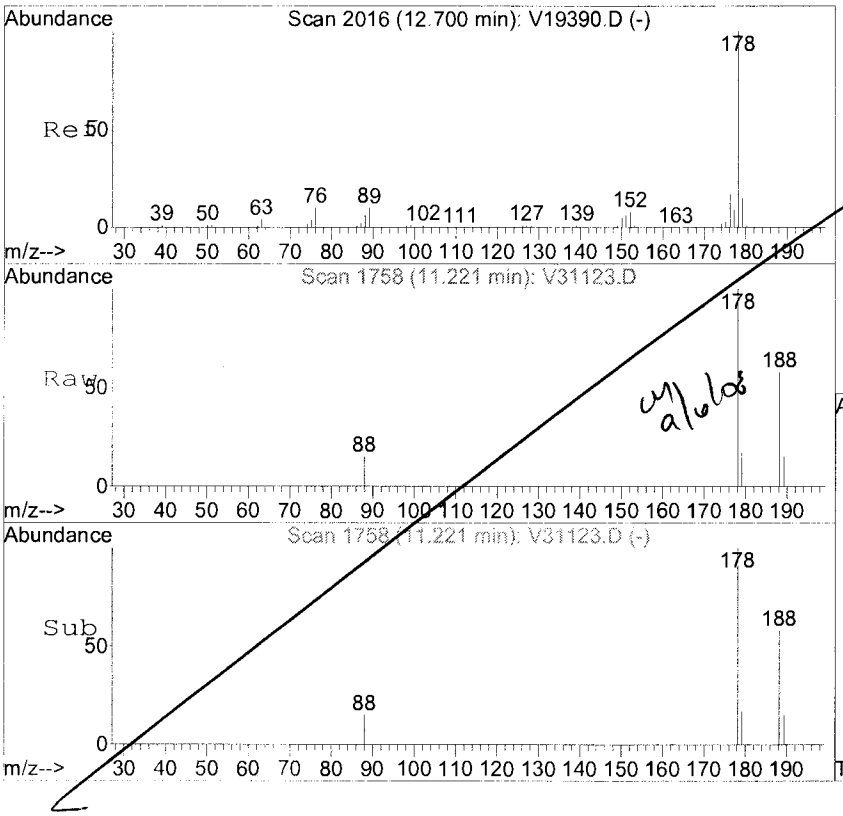


#63
C640 Phenanthrene
Concen: 0.22 ng
RT: 11.22 min Scan# 1758
Delta R.T. -0.01 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:178 Resp: 3081

Ion	Ratio	Lower	Upper
178	100		
179	17.1	0.0	34.2
176	0.0	0.0	38.0

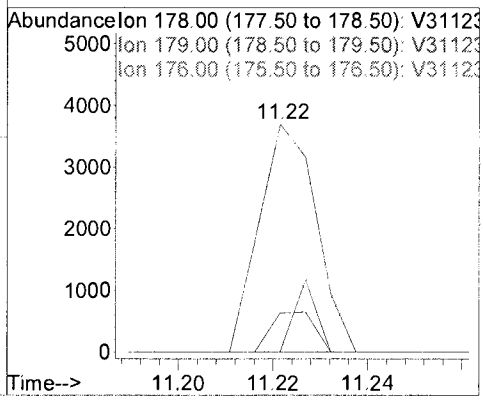


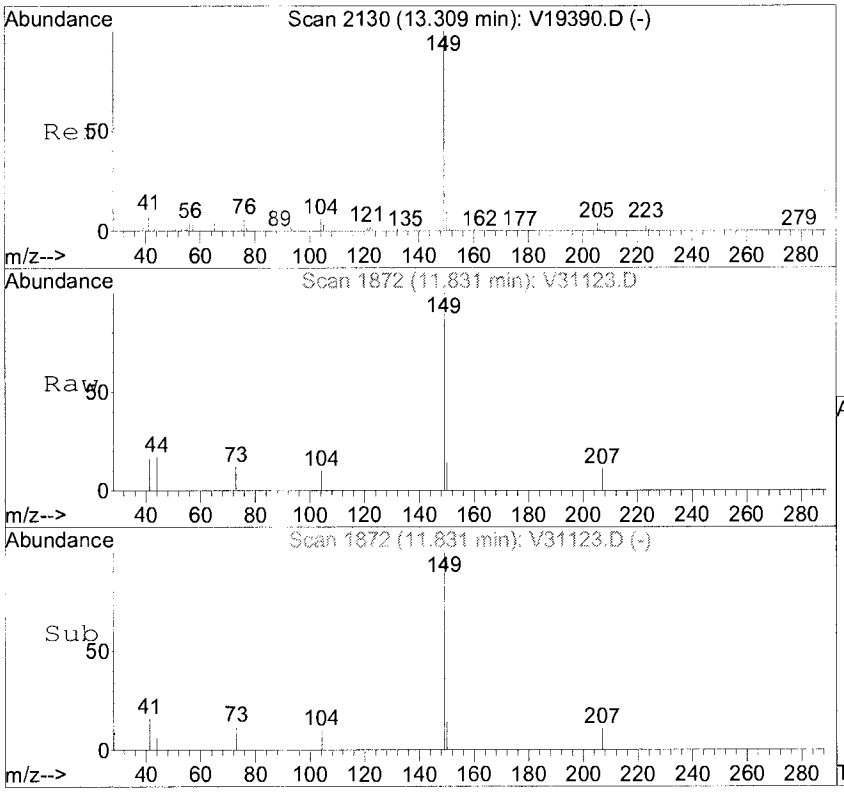


#64
C645 Anthracene
Concen: 0.21 ng
RT: 11.22 min Scan# 1758
Delta R.T. -0.06 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:178 Resp: 3081

Ion	Ratio	Lower	Upper
178	100		
179	17.1	0.0	33.6
176	0.0	0.0	37.1

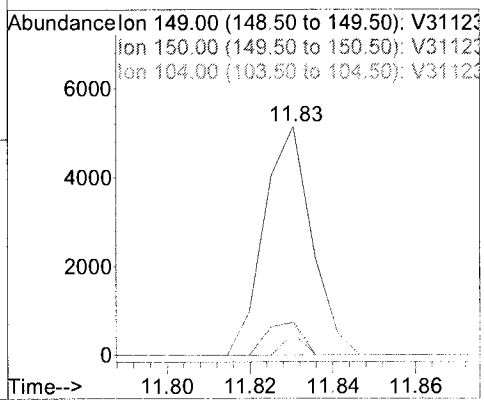


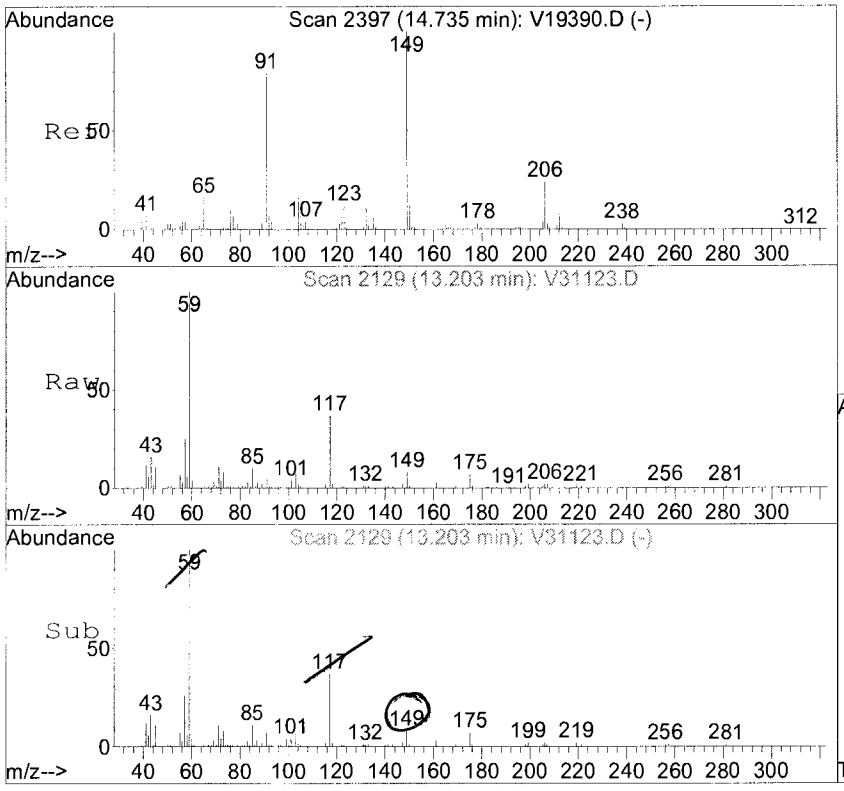


#66
C650 Di-n-butylphthalate
Concen: 0.25 ng
RT: 11.83 min Scan# 1872
Delta R.T. 0.00 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:149 Resp: 4126

Ion	Ratio	Lower	Upper
149	100		
150	14.4	0.0	28.3
104	9.7	0.0	24.7

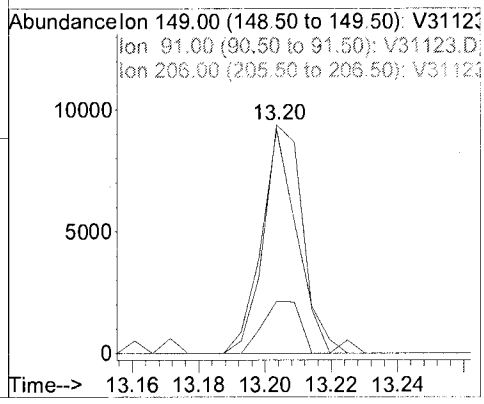




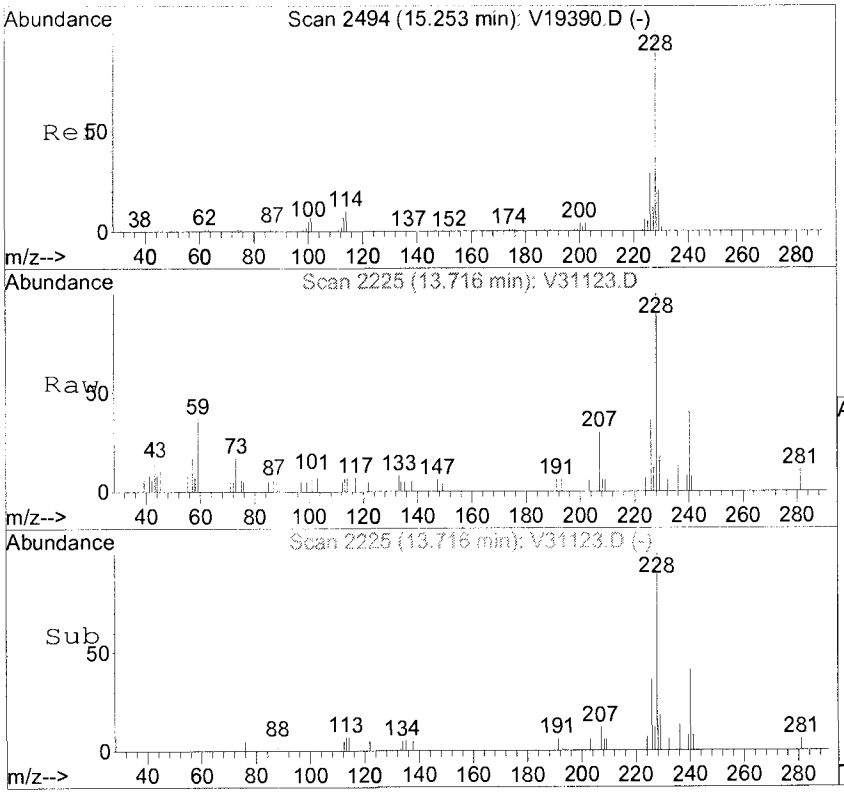
#72
C720 Butylbenzylphthalate
Concen: 0.96 ng
RT: 13.20 min Scan# 2129
Delta R.T. -0.01 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:149 Resp: 7693

Ion	Ratio	Lower	Upper
149	100		
91	98.0	38.2	78.2#
206	22.7	0.0	39.3

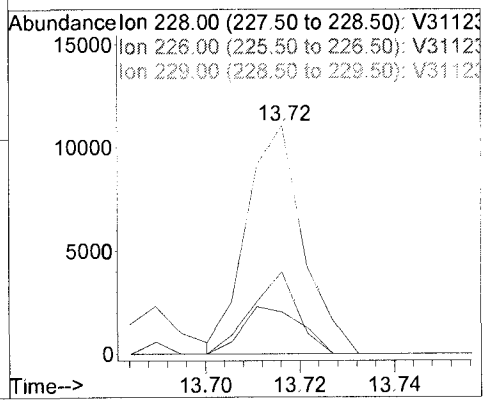


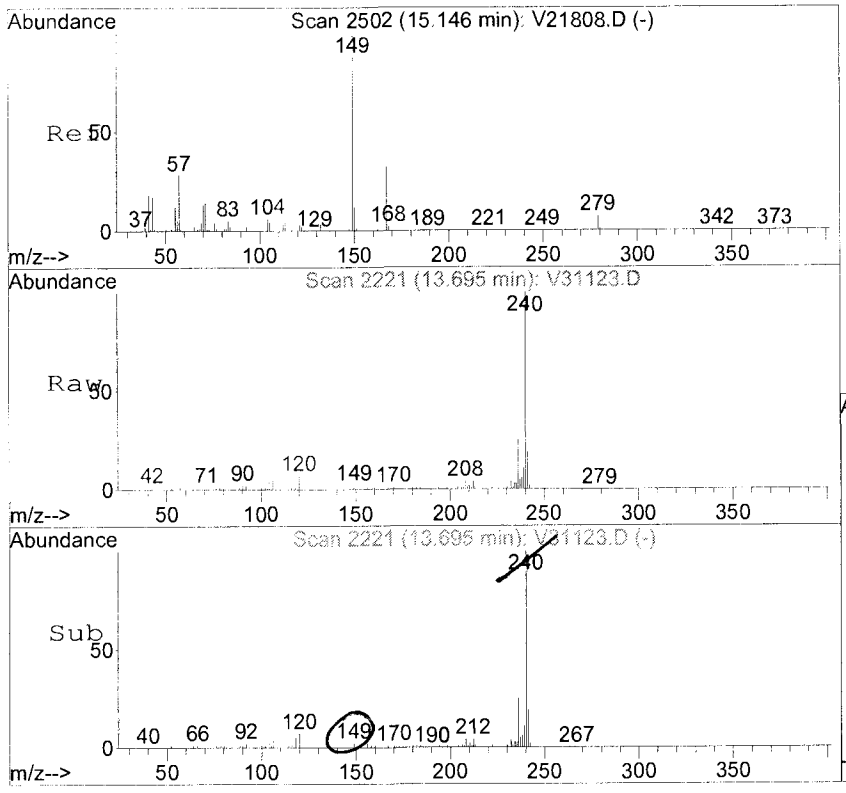
9/6/02



#75
C735 Chrysene
Concen: 0.54 ng
RT: 13.72 min Scan# 2225
Delta R.T. 0.00 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

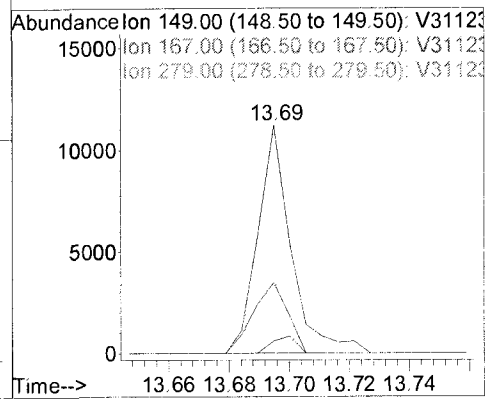
Tgt Ion:228	Resp:	9163	
Ion	Ratio	Lower	Upper
228	100		
226	36.0	7.8	47.8
229	18.5	0.0	39.2



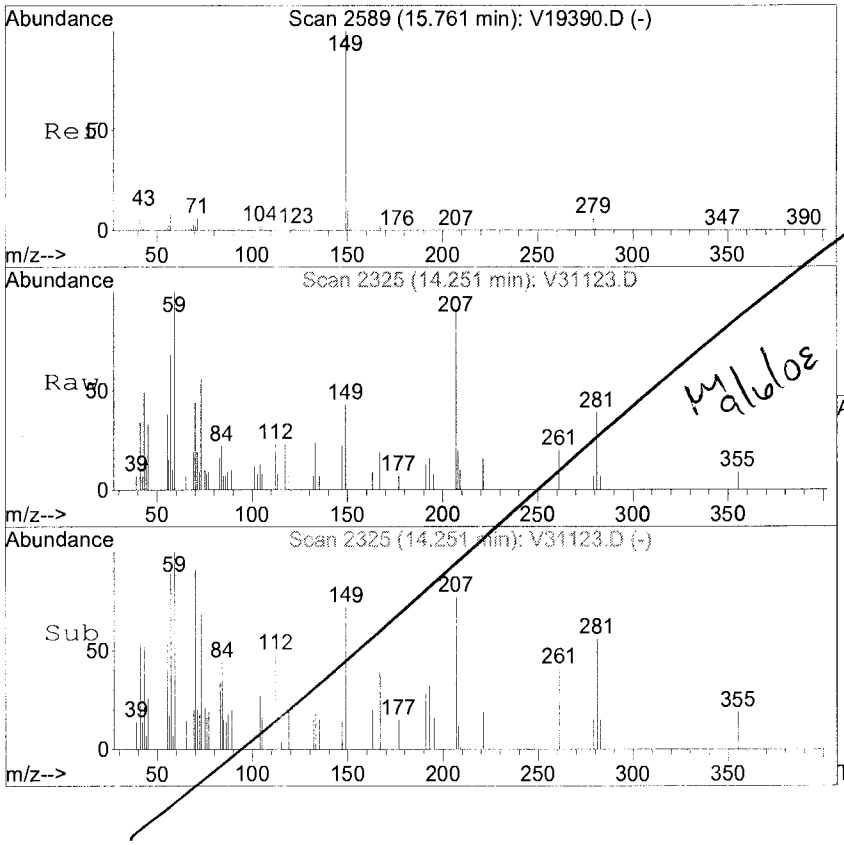


#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.78 ng
RT: 13.69 min Scan# 2221
Delta R.T. 0.00 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:149	Resp:	8609	
Ion	Ratio	Lower	Upper
149	100		
167	31.1	8.3	48.3
279	5.3	0.0	26.1



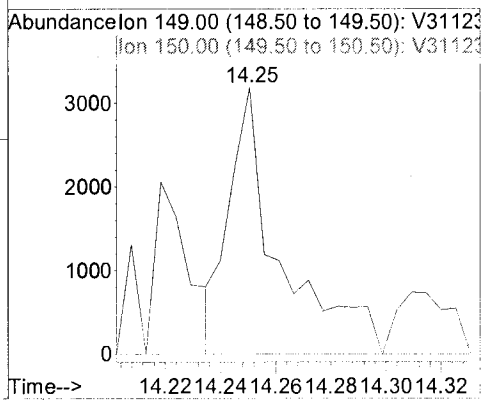
MJ 9/16

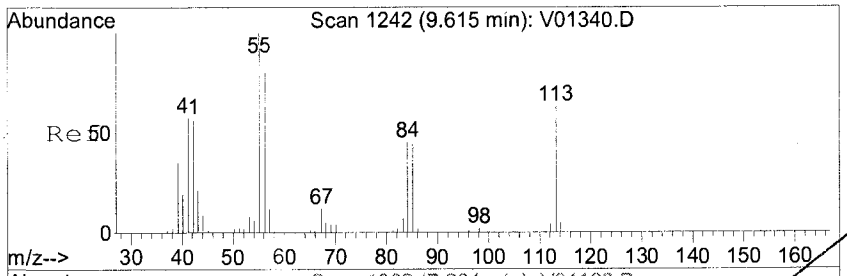


#77
C760 Di-n-octylphthalate
Concen: 0.22 ng
RT: 14.25 min Scan# 2325
Delta R.T. 0.03 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:149 Resp: 4067

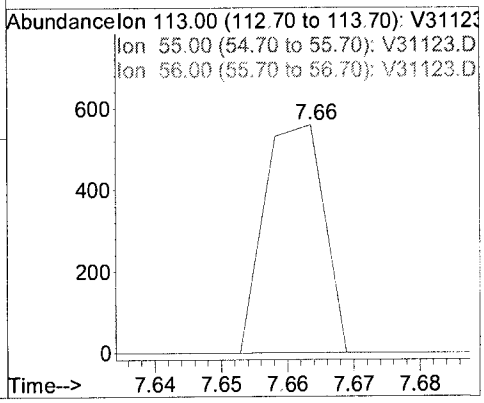
Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	28.6





#5
E655 Caprolactam
Concen: 3.43 ng
RT: 7.66 min Scan# 1092
Delta R.T. -0.09 min
Lab File: V31123.D
Acq: 5 Sep 2008 00:57

Tgt Ion:113	Resp:	350	
Ion	Ratio	Lower	Upper
113	100		
55	0.0	127.3	167.3#
56	0.0	86.0	126.0#



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26232.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	48	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.5	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26232.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
51-28-5	2,4-Dinitrophenol	48	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	48	U
99-09-2	3-Nitroaniline	48	U
100-01-6	4-Nitroaniline	48	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	48	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	48	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8A62902

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: X26232.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

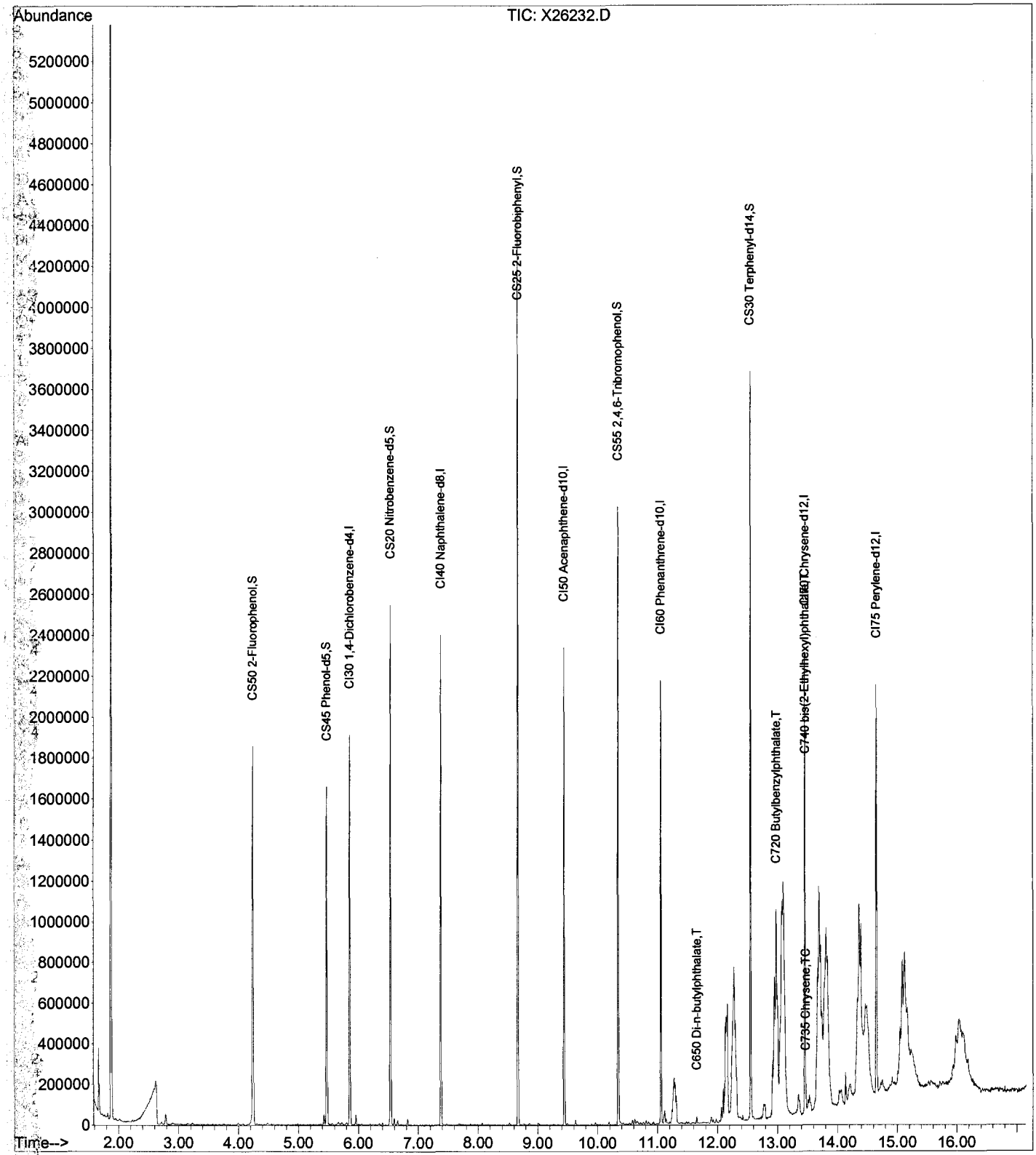
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Data File : D:\DATA\090508\X26232.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62902 AW80015878
Misc :
MS Integration Params: rteint.p

Vial: 27
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 08 10:08:59 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\X26232.D Vial: 27
Acq On : 5 Sep 2008 20:12 Operator: AJ
Sample : A8A62902 AW80015878 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 10:08:59 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	266554	40.00	ng	0.00 92.30%
20) CI40 Naphthalene-d8	7.38	136	972168	40.00	ng	0.00 97.13%
35) CI50 Acenaphthene-d10	9.44	164	475505	40.00	ng	0.00 95.17%
56) CI60 Phenanthrene-d10	11.06	188	738967	40.00	ng	0.00 95.62%
68) CI70 Chrysene-d12	13.45	240	628823	40.00	ng	0.00 90.91%
78) CI75 Perylene-d12	14.65	264	627631	40.00	ng	0.00 102.07%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.24	112	555569	54.52	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 36.35%			
5) CS45 Phenol-d5	5.47	99	526967	42.40	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 28.27%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.53	82	764750	75.57	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 75.57%			
39) CS25 2-Fluorobiphenyl	8.67	172	1270421	73.70	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 73.70%			
59) CS55 2,4,6-Tribromophenol	10.34	330	253597	137.54	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 91.69%			
71) CS30 Terphenyl-d14	12.56	244	969552	72.25	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 72.25%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	d
4) C325 bis(2-Chloroethyl)e	5.49	93	651	N.D.	
7) C315 Phenol	5.49	94	1113	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	5.49	93	651	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	6.06	108	754	N.D.	
15) C360 bis(2-chloroisoprop	6.21	45	674	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	6.53	108	405	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	d
23) C415 Isophorone	6.66	82	1061	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

Data File : D:\DATA\090508\X26232.D Vial: 27
Acq On : 5 Sep 2008 20:12 Operator: AJ
Sample : A8A62902 AW80015878 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 10:08:59 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

SS PD 9/8/08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.40	128	1339	N.D.	
31) C455 4-Chloroaniline	7.47	127	1931	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D. d	
42) C540 Acenaphthylene	0.00	152	0	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45) C550 Acenaphthene	0.00	153	0	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.63	168	416	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	0.00	166	0	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	9.99	149	200	N.D.	
54) C620 1,2-diphenylhydrazi	10.28	77	387	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.08	178	1962	N.D.	
64) C645 Anthracene	11.08	178	1962	N.D.	
65) C647 carbazole	11.27	167	428	N.D.	
66) C650 Di-n-butylphthalate	11.65	149	13295	0.52 ng	83
67) C655 Fluoranthene	12.20	202	1552	N.D.	
69) C715 Pyrene	12.40	202	648	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	12.98	149	10279	0.99 ng	98
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	
74) C730 Benzo[a]anthracene	13.45	228	1928	N.D.	
75) C735 Chrysene	13.48	228	11736	0.61 ng	90
76) C740 bis(2-Ethylhexyl)phth	13.47	149	18327	1.24 ng	97
77) C760 Di-n-octylphthalate	14.36	149	4454	N.D.	
79) C765 Benzo[b]fluoranthen	14.33	252	481	N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d	
81) C775 Benzo[a]pyrene	14.60	252	205	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.63	276	209	N.D.	
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.	
84) C790 Benzo[g,h,i]perylen	15.91	276	183	N.D.	

9/8/08

6#) = qualifier out of range (m) = manual integration (+) = signals summed

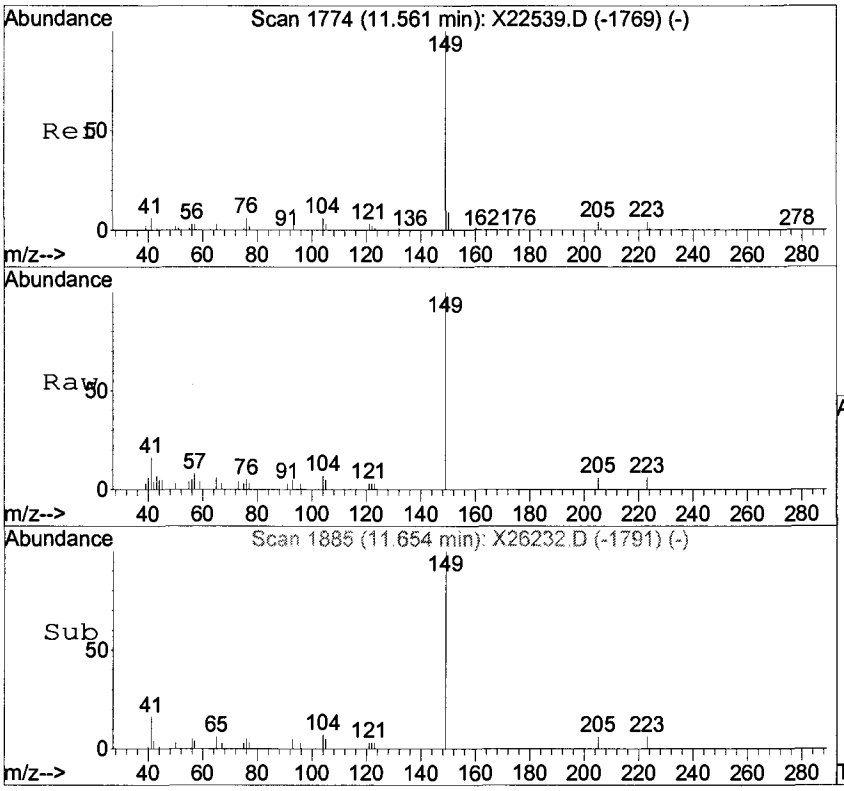
Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\X26232.D Vial: 27
Acq On : 5 Sep 2008 20:12 Operator: AJ
Sample : A8A62902 AW80015878 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 12:53:20 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Sep 08 12:52:57 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	266554	40.00	ng	0.00 73.81%
4) CI40 Naphthalene-d8	7.38	136	972168	40.00	ng	0.00 76.44%
7) CI50 Acenaphthene-d8	9.44	164	475505	40.00	ng	0.00 88.61%
10) CI60 Phenanthrene-d10	11.06	188	738967	40.00	ng	0.00 95.41%
12) CI70 Chrysene-d12	13.45	240	628823	40.00	ng	0.00 76.20%
13) CI75 Perylene-d12	14.65	264	627631	40.00	ng	0.00 54.88%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.33	77	267	N.D.		
3) E145 Acetophenone	6.33	105	431	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.78	154	1816	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

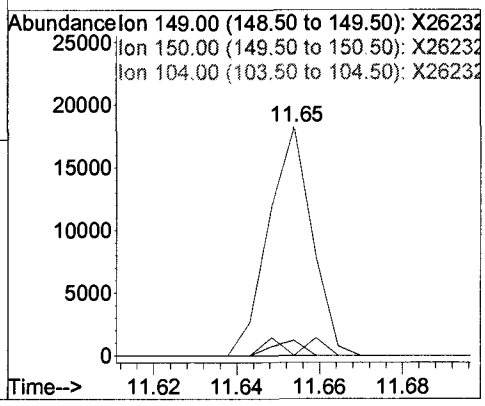
(#) = qualifier out of range (m) = manual integration (+) = signals summed

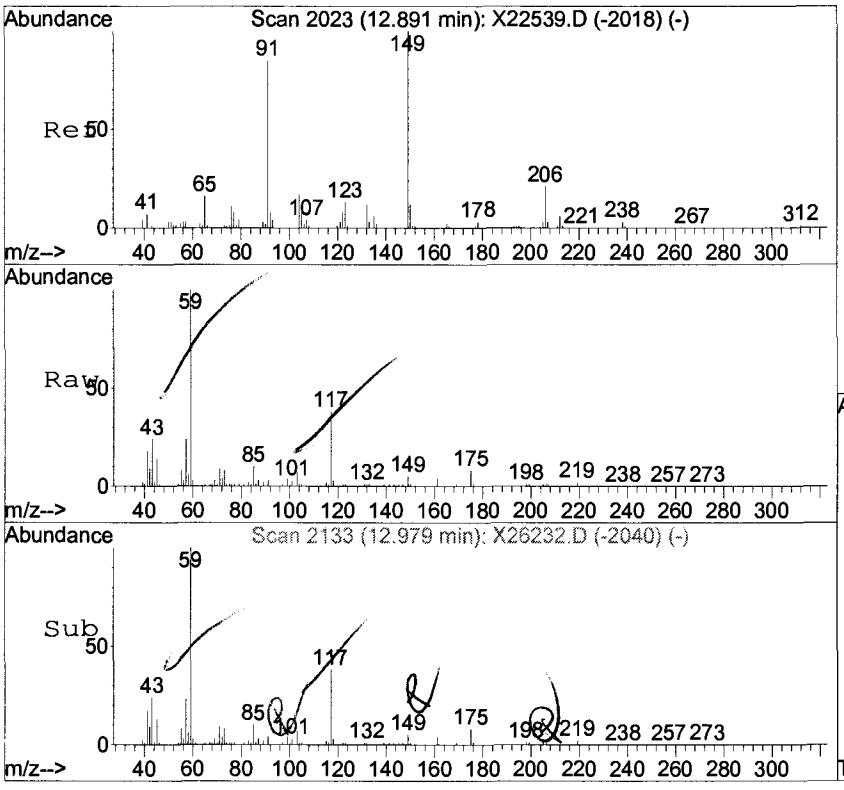


#66
C650 Di-n-butylphthalate
Concen: 0.52 ng
RT: 11.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: X26232.D
Acq: 5 Sep 2008 20:12

Tgt Ion:149 Resp: 13295

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	29.0
104	6.6	0.0	25.3

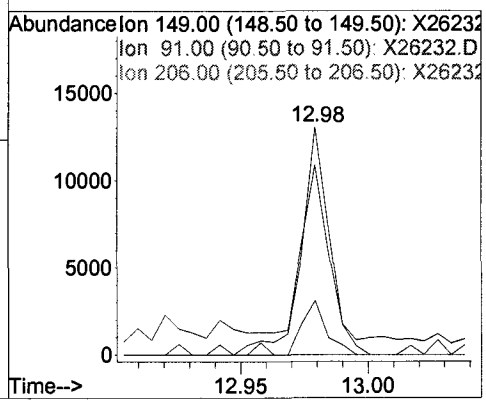


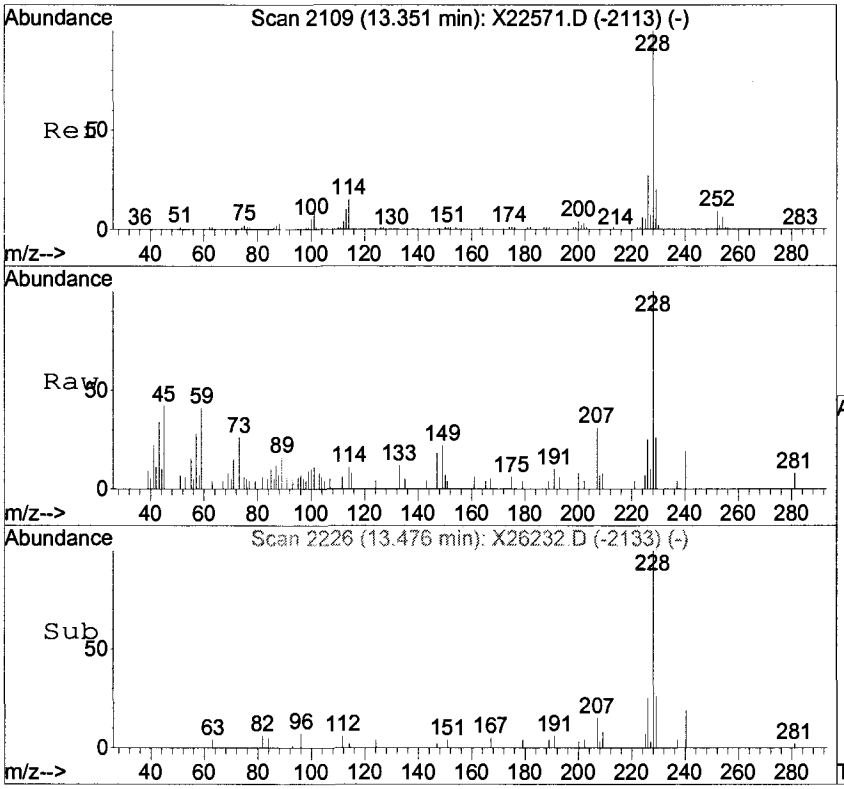


#72
C720 Butylbenzylphthalate
Concen: 0.99 ng
RT: 12.98 min Scan# 2133
Delta R.T. -0.01 min
Lab File: X26232.D
Acq: 5 Sep 2008 20:12

Tgt Ion:149 Resp: 10279

Ion	Ratio	Lower	Upper
149	100		
91	75.8	57.1	97.1
206	23.8	2.9	42.9

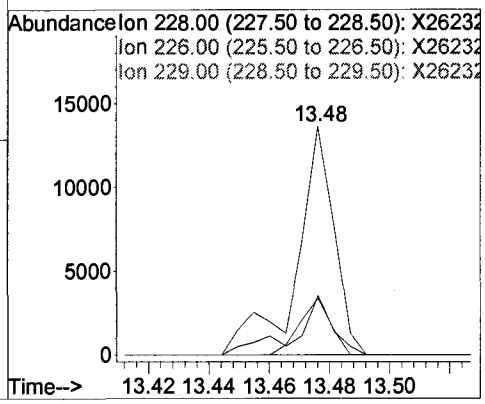


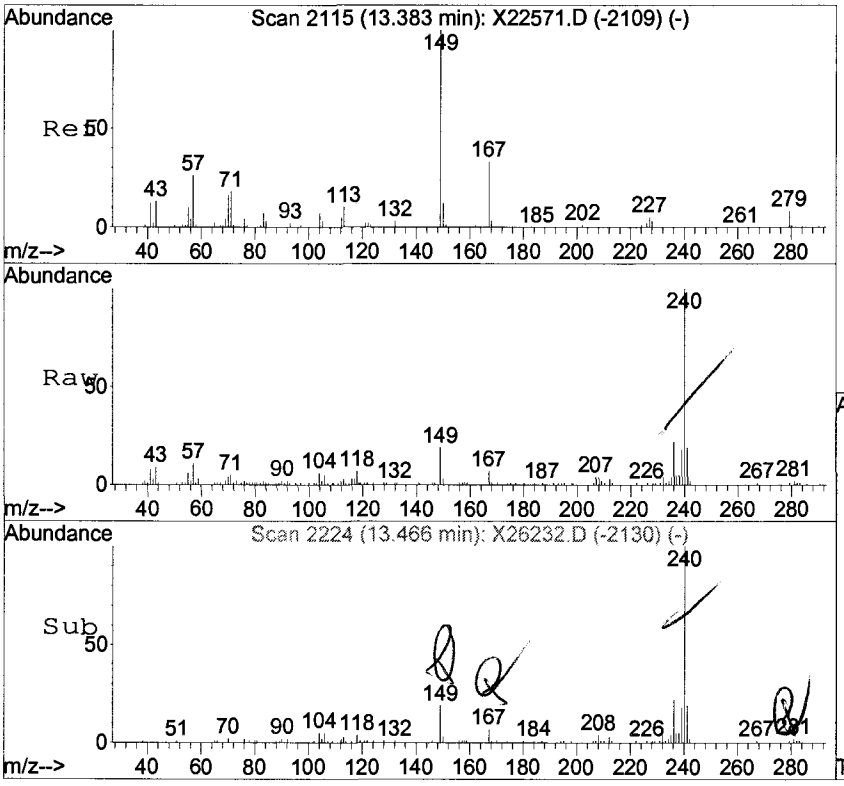


#75
C735 Chrysene
Concen: 0.61 ng
RT: 13.48 min Scan# 2226
Delta R.T. -0.01 min
Lab File: X26232.D
Acq: 5 Sep 2008 20:12

Tgt Ion:228 Resp: 11736

Ion	Ratio	Lower	Upper
228	100		
226	24.8	8.5	48.5
229	25.9	0.0	39.5

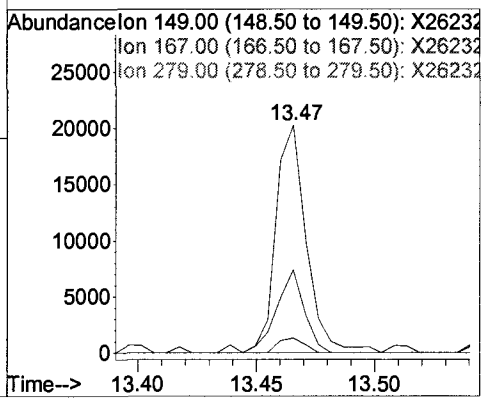




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 1.24 ng
RT: 13.47 min Scan# 2224
Delta R.T. -0.00 min
Lab File: X26232.D
Acq: 5 Sep 2008 20:12

Tgt Ion:149 Resp: 18327

Ion	Ratio	Lower	Upper
149	100		
167	36.4	16.2	56.2
279	6.4	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 30.52 (g/mL) G Lab File ID: V31171.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: 25 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2200	U
208-96-8	Acenaphthylene	2200	U
98-86-2	Acetophenone	2200	U
120-12-7	Anthracene	2200	U
1912-24-9	Atrazine	2200	U
100-52-7	Benzaldehyde	2200	U
56-55-3	Benzo(a)anthracene	2200	U
205-99-2	Benzo(b)fluoranthene	2200	U
207-08-9	Benzo(k)fluoranthene	2200	U
191-24-2	Benzo(ghi)perylene	2200	U
50-32-8	Benzo(a)pyrene	2200	U
92-52-4	Biphenyl	2200	U
111-91-1	Bis(2-chloroethoxy) methane	2200	U
111-44-4	Bis(2-chloroethyl) ether	2200	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	2200	U
117-81-7	Bis(2-ethylhexyl) phthalate	2200	U
101-55-3	4-Bromophenyl phenyl ether	2200	U
85-68-7	Butyl benzyl phthalate	2200	U
105-60-2	Caprolactam	11000	U
106-47-8	4-Chloroaniline	2200	U
59-50-7	4-Chloro-3-methylphenol	2200	U
91-58-7	2-Chloronaphthalene	2200	U
95-57-8	2-Chlorophenol	2200	U
7005-72-3	4-Chlorophenyl phenyl ether	2200	U
86-74-8	Carbazole	2200	U
218-01-9	Chrysene	110	BJ
53-70-3	Dibenzo(a,h)anthracene	2200	U
132-64-9	Dibenzofuran	2200	U
84-74-2	Di-n-butyl phthalate	2200	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
120-83-2	2,4-Dichlorophenol	2200	U
84-66-2	Diethyl phthalate	2200	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 30.52 (g/mL) G Lab File ID: V31171.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: 25 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	2200	U
131-11-3	Dimethyl phthalate	2200	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	2200	U
606-20-2	2,6-Dinitrotoluene	2200	U
117-84-0	Di-n-octyl phthalate	2200	U
206-44-0	Fluoranthene	2200	U
86-73-7	Fluorene	2200	U
118-74-1	Hexachlorobenzene	2200	U
87-68-3	Hexachlorobutadiene	2200	U
77-47-4	Hexachlorocyclopentadiene	2200	U
67-72-1	Hexachloroethane	2200	U
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U
78-59-1	Isophorone	2200	U
91-57-6	2-Methylnaphthalene	2200	U
95-48-7	2-Methylphenol	2200	U
106-44-5	4-Methylphenol	2200	U
91-20-3	Naphthalene	2200	U
88-74-4	2-Nitroaniline	11000	U
99-09-2	3-Nitroaniline	11000	U
100-01-6	4-Nitroaniline	11000	U
98-95-3	Nitrobenzene	2200	U
88-75-5	2-Nitrophenol	2200	U
100-02-7	4-Nitrophenol	11000	U
86-30-6	N-nitrosodiphenylamine	2200	U
621-64-7	N-Nitroso-Di-n-propylamine	2200	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	Phenanthrene	2200	U
108-95-2	Phenol	2200	U
129-00-0	Pyrene	2200	U
95-95-4	2,4,5-Trichlorophenol	2200	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71301

Sample wt/vol: 30.52 (g/mL) G Lab File ID: V31171.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2008 09/02/2008

% Moisture: 25 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	2200	U

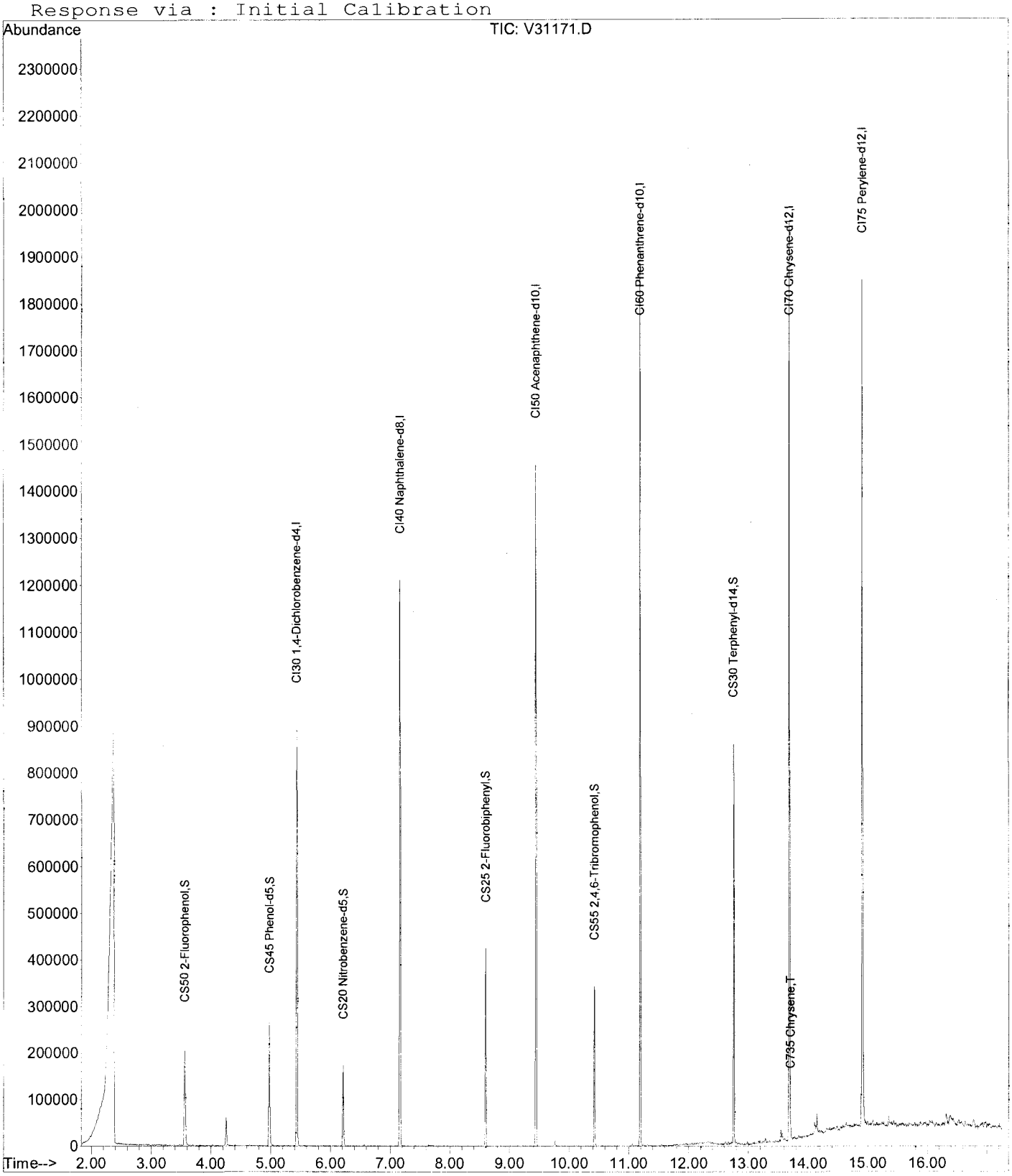
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\V31171.D
Acq On : 5 Sep 2008 21:20
Sample : A8A71301 DF5 AS80011346
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:22 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090508\V31171.D
Acq On : 5 Sep 2008 21:20
Sample : A8A71301 DF5 AS80011346
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:45 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

SVOA 9/4/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	143911	40.00	ng	0.00 90.20%
20) CI40 Naphthalene-d8	7.17	136	525240	40.00	ng	0.00 95.10%
35) CI50 Acenaphthene-d10	9.44	164	314260	40.00	ng	0.00 99.01%
56) CI60 Phenanthrene-d10	11.19	188	667686	40.00	ng	0.00 101.81%
68) CI70 Chrysene-d12	13.68	240	601820	40.00	ng	0.00 99.62%
78) CI75 Perylene-d12	14.91	264	621956	40.00	ng	0.00 131.79%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.56	112	71478	13.18	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 8.79%#			
5) CS45 Phenol-d5	4.98	99	105829	15.20	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 10.13%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.21	82	62617	9.31	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 9.31%#			
39) CS25 2-Fluorobiphenyl	8.60	172	127398	10.80	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 10.80%#			
59) CS55 2,4,6-Tribromophenol	10.43	330	31850	23.02	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 15.35%			
71) CS30 Terphenyl-d14	12.75	244	215377	15.80	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 15.80%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.		
16) C355 2-Methylphenol	5.44	108	458	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31171.D
Acq On : 5 Sep 2008 21:20
Sample : A8A71301 DF5 AS80011346
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:45 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	7.17	93	166	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.		
30)	C450 Naphthalene	7.19	128	164	N.D.		
31)	C455 4-Chloroaniline	0.00	127	0	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	0.00	152	0	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45)	C550 Acenaphthene	0.00	153	0	N.D.		
46)	C545 3-Nitroaniline	0.00	138	0	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	0.00	168	0	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	0.00	149	0	N.D.		
54)	C620 1,2 diphenylhydrazine	10.41	77	175	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	11.22	178	440	N.D.		
64)	C645 Anthracene	11.22	178	440	N.D.		
65)	C647 carbazole	0.00	167	0	N.D.		
66)	C650 Di-n-butylphthalate	11.82	149	558	N.D.		
67)	C655 Fluoranthene	12.40	202	435	N.D.		
69)	C715 Pyrene	12.61	202	194	N.D.		
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.20	149	1364	N.D.		
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	13.68	228	2207	N.D.		
75)	C735 Chrysene	13.71	228	9163m	0.50	ng	90
76)	C740 bis(2-Ethylhexyl)phth	0.00	149	0	N.D.	d	
77)	C760 Di-n-octylphthalate	14.17	149	1414	N.D.		
79)	C765 Benzo[b]fluoranthene	14.59	252	1332	N.D.		
80)	C770 Benzo[k]fluoranthene	14.59	252	1332	N.D.		
81)	C775 Benzo[a]pyrene	0.00	252	0	N.D.	d	
82)	C780 Indeno[1,2,3-cd]pyren	15.95	276	1998	N.D.		
83)	C785 Dibenz[a,h]anthracene	15.97	278	683	N.D.		
84)	C790 Benzo[g,h,i]perylene	16.26	276	866	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31171.D
Acq On : 5 Sep 2008 21:20
Sample : A8A71301 DF5 AS80011346
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 09 14:39:01 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	143911	40.00 ng	-0.02 90.95%
4) CI40 Naphthalene-d8	7.17	136	525240	40.00 ng	-0.01 93.99%
7) CI50 Acenaphthene-d10	9.44	164	314260	40.00 ng	-0.01 97.45%
10) CI60 Phenanthrene-d10	11.19	188	667686	40.00 ng	-0.01 105.30%
12) CI70 Chrysene-d12	13.68	240	601820	40.00 ng	0.00 88.68%
13) CI75 Perylene-d12	14.91	264	621956	40.00 ng	-0.01 114.52%

MD91405

Target Compounds					Qvalue
~~2) E600 Benzaldehyde~~	~~5.44~~	~~77~~	~~10580~~	~~1.95 ng~~	~~# 1~~
3) E145 Acetophenone	0.00	105	0	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	9.44	154	1345	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

9/23/08

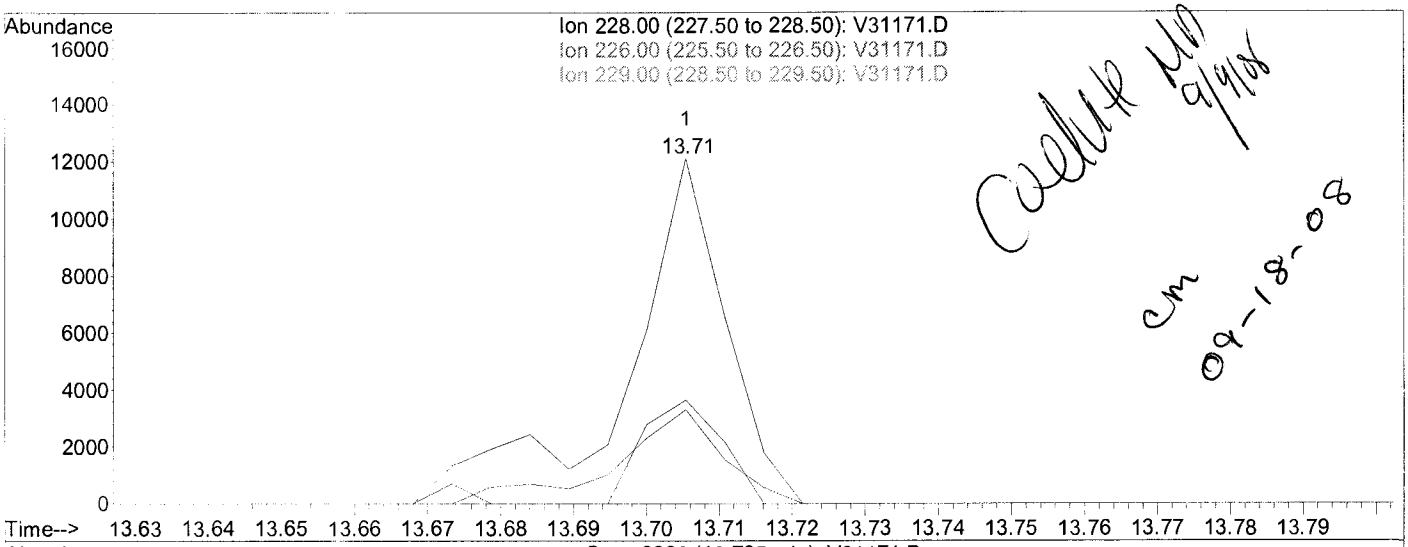
(#) = qualifier out of range (m) = manual integration

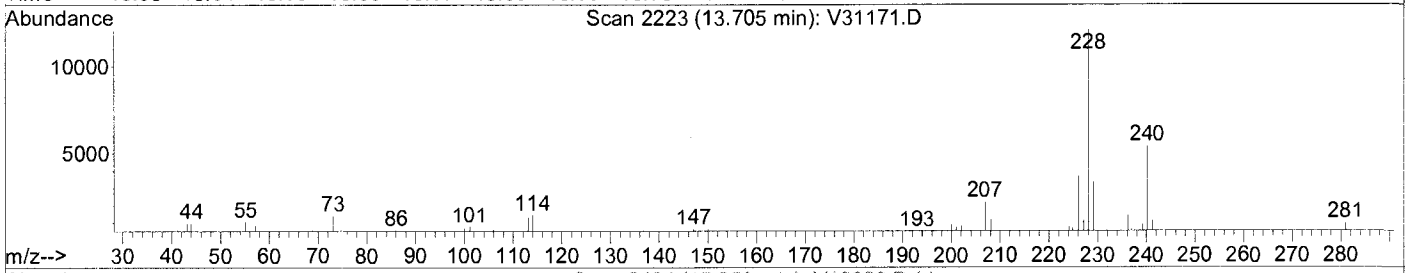
Quantitation Report (Qedit)

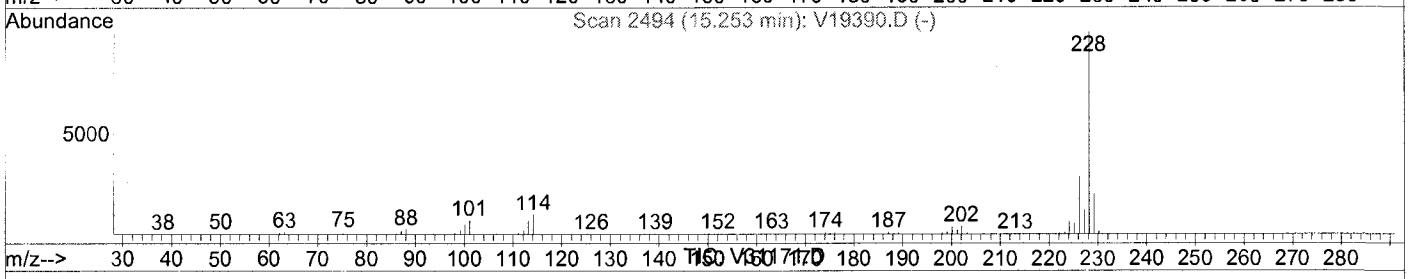
Data File : D:\DATA\090508\V31171.D
Acq On : 5 Sep 2008 21:20
Sample : A8A71301 DF5 AS80011346
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:22 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.71min 0.62ng

response 11372

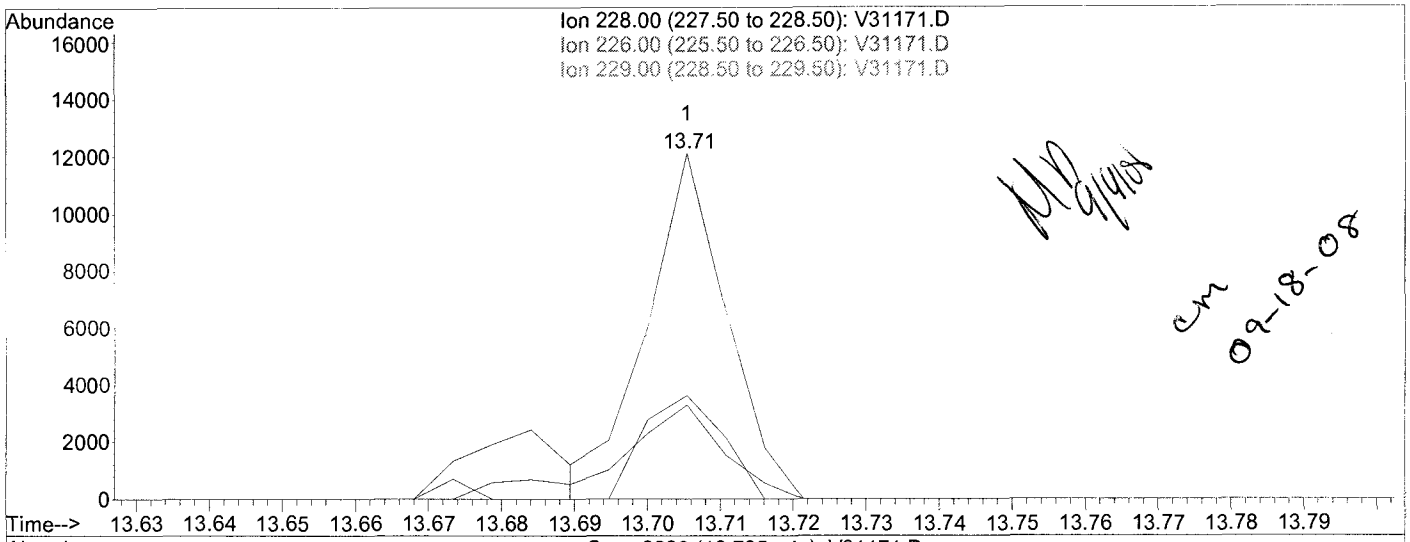
Ion	Exp%	Act%
228.00	100	100
226.00	27.80	30.03
229.00	19.20	27.25
0.00	0.00	0.00

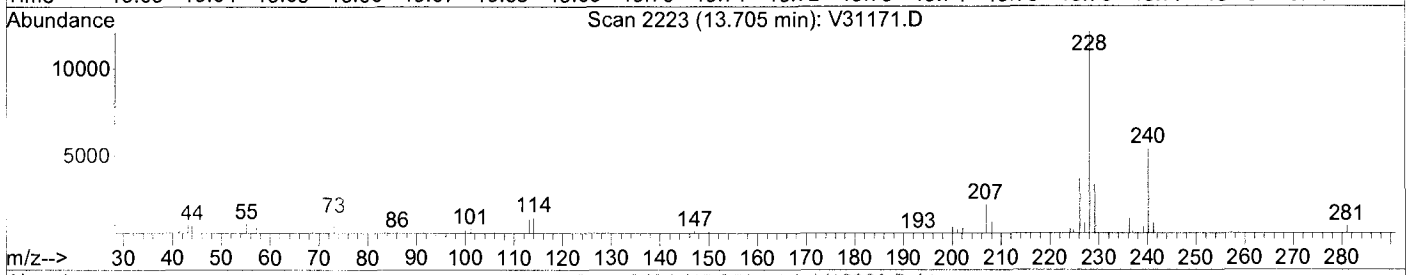
Quantitation Report (Qedit)

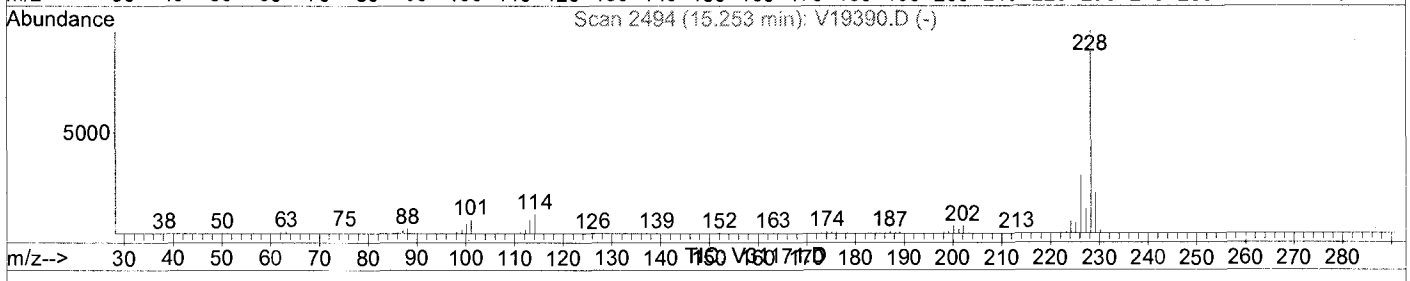
Data File : D:\DATA\090508\V31171.D
Acq On : 5 Sep 2008 21:20
Sample : A8A71301 DF5 AS80011346
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:22 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration





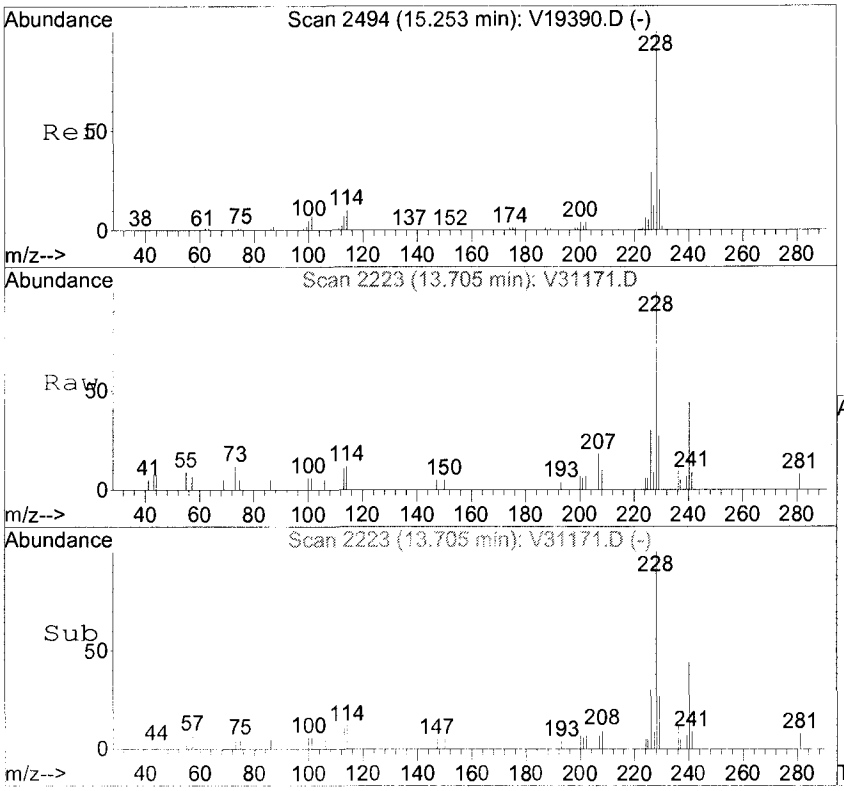


(75) C735 Chrysene (T)

13.71min 0.50ng m

response 9163

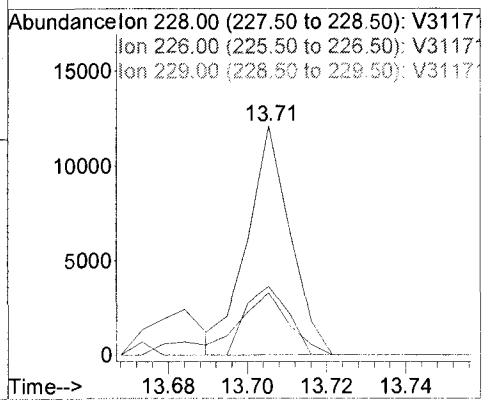
Ion	Exp%	Act%
228.00	100	100
226.00	27.80	30.03
229.00	19.20	27.25
0.00	0.00	0.00



#75
C735 Chrysene
Concen: 0.50 ng m
RT: 13.71 min Scan# 2223
Delta R.T. -0.00 min
Lab File: V31171.D
Acq: 5 Sep 2008 21:20

Tgt Ion:228 Resp: 9163

Ion	Ratio	Lower	Upper
228	100		
226	30.0	7.8	47.8
229	27.2	0.0	39.2



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 30.31 (g/mL) G Lab File ID: W26165.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
208-96-8	Acenaphthylene	370	U
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	370	U
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
191-24-2	Benzo(ghi)perylene	370	U
50-32-8	Benzo(a)pyrene	370	U
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	1900	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	22	BJ
53-70-3	Dibenzo(a,h)anthracene	370	U
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 30.31 (g/mL) G Lab File ID: W26165.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	370	U
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	370	U
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	1900	U
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
87-86-5	Pentachlorophenol	370	U
85-01-8	Phenanthrene	370	U
108-95-2	Phenol	370	U
129-00-0	Pyrene	370	U
95-95-4	2,4,5-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801

Sample wt/vol: 30.31 (g/mL) G Lab File ID: W26165.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

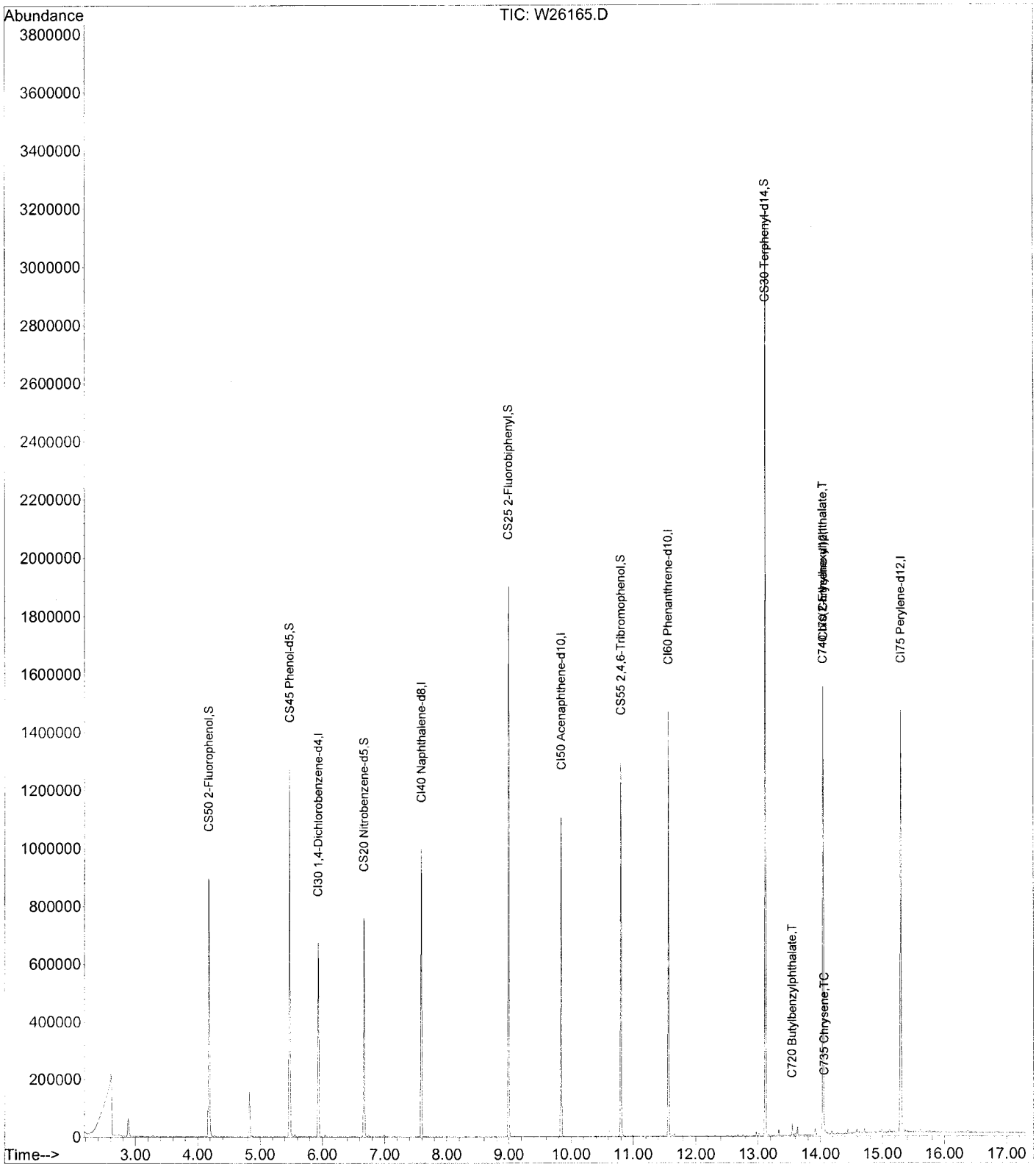
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

Data File : C:\MSDChem\1\DATA\090508\W26165.D Vial: 19
Acq On : 5 Sep 2008 18:40 Operator: JLG
Sample : A8A71801 AS80011358 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 08 11:36:26 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090508\W26165.D Vial: 19
Acq On : 5 Sep 2008 18:40 Operator: JLG
Sample : A8A71801 AS80011358 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 11:36:26 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	113590	40.00	ng	0.00 111.33%
20) CI40 Naphthalene-d8	7.59	136	484815	40.00	ng	0.00 111.91%
35) CI50 Acenaphthene-d10	9.84	164	283097	40.00	ng	0.00 110.53%
56) CI60 Phenanthrene-d10	11.56	188	531519	40.00	ng	0.00 112.05%
68) CI70 Chrysene-d12	14.04	240	536779	40.00	ng	0.00 110.66%
78) CI75 Perylene-d12	15.29	264	556281	40.00	ng	0.00 135.18%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.18	112	349749	86.52	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 57.68%			
5) CS45 Phenol-d5	5.48	99	539666	99.23	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 66.15%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.67	82	282082	67.08	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.08%			
39) CS25 2-Fluorobiphenyl	9.00	172	624453	66.85	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 66.85%			
59) CS55 2,4,6-Tribromophenol	10.80	330	139536	116.86	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 77.91%			
71) CS30 Terphenyl-d14	13.12	244	968391	75.66	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 75.66%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.
7) C315 Phenol	5.49	94	179	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.
16) C355 2-Methylphenol	0.00	108	0	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D.
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.67	77	630	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.

Data File : C:\MSDChem\1\DATA\090508\W26165.D Vial: 19
Acq On : 5 Sep 2008 18:40 Operator: JLG
Sample : A8A71801 AS80011358 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 11:36:26 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.62	128	382	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D.	
42) C540 Acenaphthylene	0.00	152	0	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45) C550 Acenaphthene	0.00	153	0	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	0.00	168	0	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D. d	
51) C590 Fluorene	0.00	166	0	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	0.00	149	0	N.D.	
54) C620 1,2 diphenylhydrazi	10.80	77	650	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.59	178	2549	N.D.	
64) C645 Anthracene	0.00	178	0	N.D.	
65) C647 carbazole	0.00	167	0	N.D.	
66) C650 Di-n-butylphthalate	12.18	149	1763	N.D.	
67) C655 Fluoranthene	12.76	202	2597	N.D.	
69) C715 Pyrene	12.76	202	2597	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	13.55	149	8935	1.16 ng	98
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	
74) C730 Benzo[a]anthracene	0.00	228	0	N.D. d	
76) C735 Chrysene	14.07	228	9303	0.57 ng	92
78) C740 bis(2-Ethylhexyl)phth	14.03	149	10738	0.96 ng	94
77) C760 Di-n-octylphthalate	14.56	149	1482	N.D.	
79) C765 Benzo[b]fluoranthen	14.95	252	363	N.D.	
80) C770 Benzo[k]fluoranthen	14.95	252	363	N.D.	
81) C775 Benzo[a]pyrene	15.29	252	2780	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.	
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.	
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.	

9/9/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26165.D Vial: 19
Acq On : 5 Sep 2008 18:40 Operator: JLG
Sample : A8A71801 AS80011358 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 11:58:08 2008 Results File: TCLADDS...0559.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0559.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Sep 08 10:55:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090808\W26189.D (8 Sep 2008 10:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	113590	40.00	ng	0.03 100.82%
4) CI40 Naphthalene-d8	7.59	136	484815	40.00	ng	0.03 103.01%
7) CI50 Acenaphthene-d8	9.84	164	283097	40.00	ng	0.03 108.43%
10) CI60 Phenanthrene-d10	11.56	188	531519	40.00	ng	0.02 111.80%
12) CI70 Chrysene-d12	14.04	240	536779	40.00	ng	0.03 110.52%
13) CI75 Perylene-d12	15.29	264	556281	40.00	ng	0.03 124.66%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.47	77	512	N.D.	
3) E145 Acetophenone	0.00	105	0	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	9.12	154	431	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

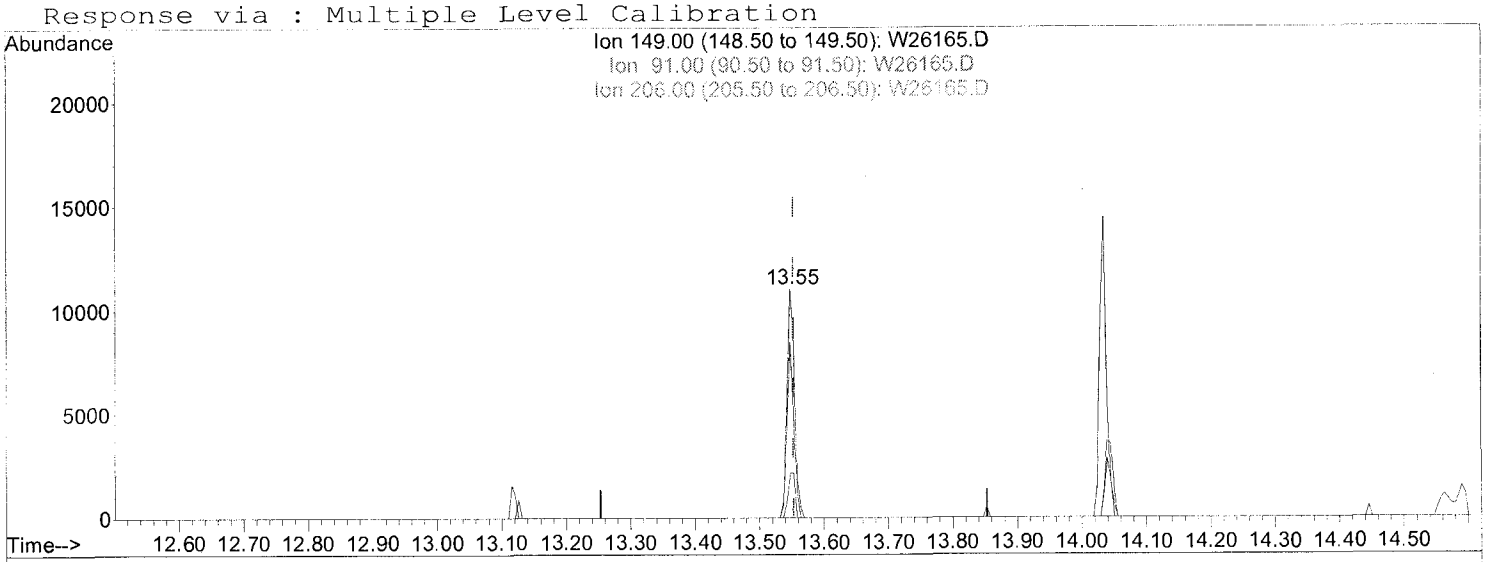
(#) = qualifier out of range (m) = manual integration (+) = signals summed

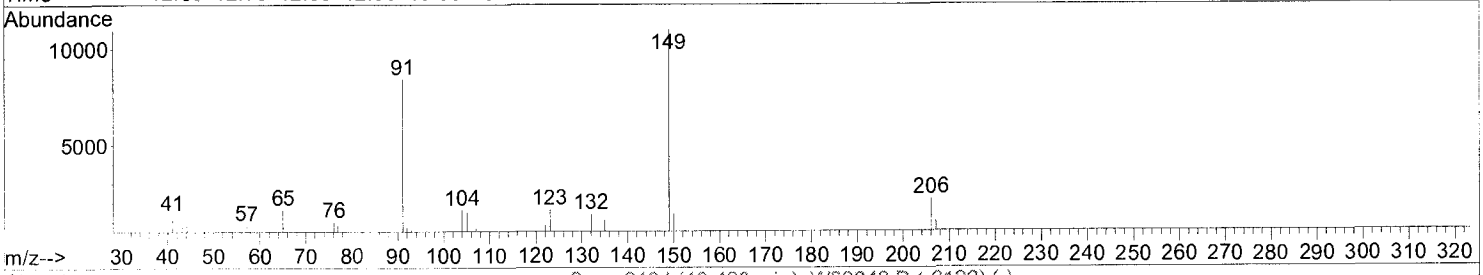
Quantitation Report (Qedit)

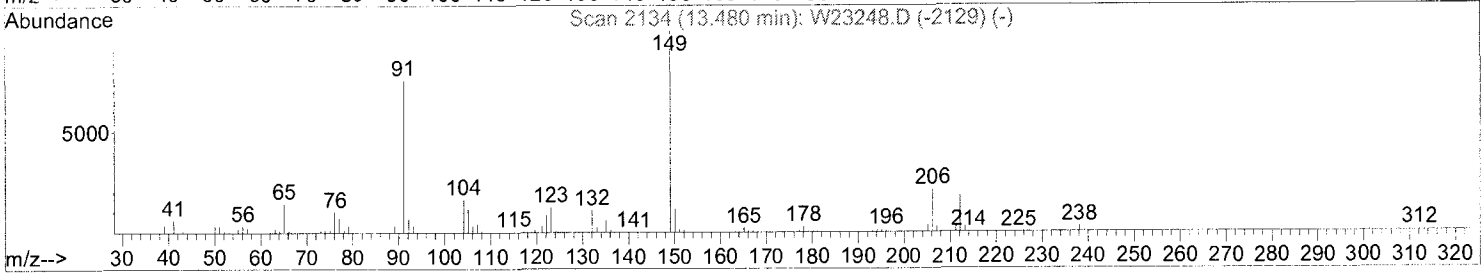
Data File : C:\MSDChem\1\DATA\090508\W26165.D
Acq On : 5 Sep 2008 18:40
Sample : A8A71801 AS80011358
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:54 2008

Vial: 19
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 10:54:48 2008
Response via : Multiple Level Calibration







TIC: W26165.D

(72) C720 Butylbenzylphthalate (T)

13.55min (-0.005) 1.16ng

response 8935

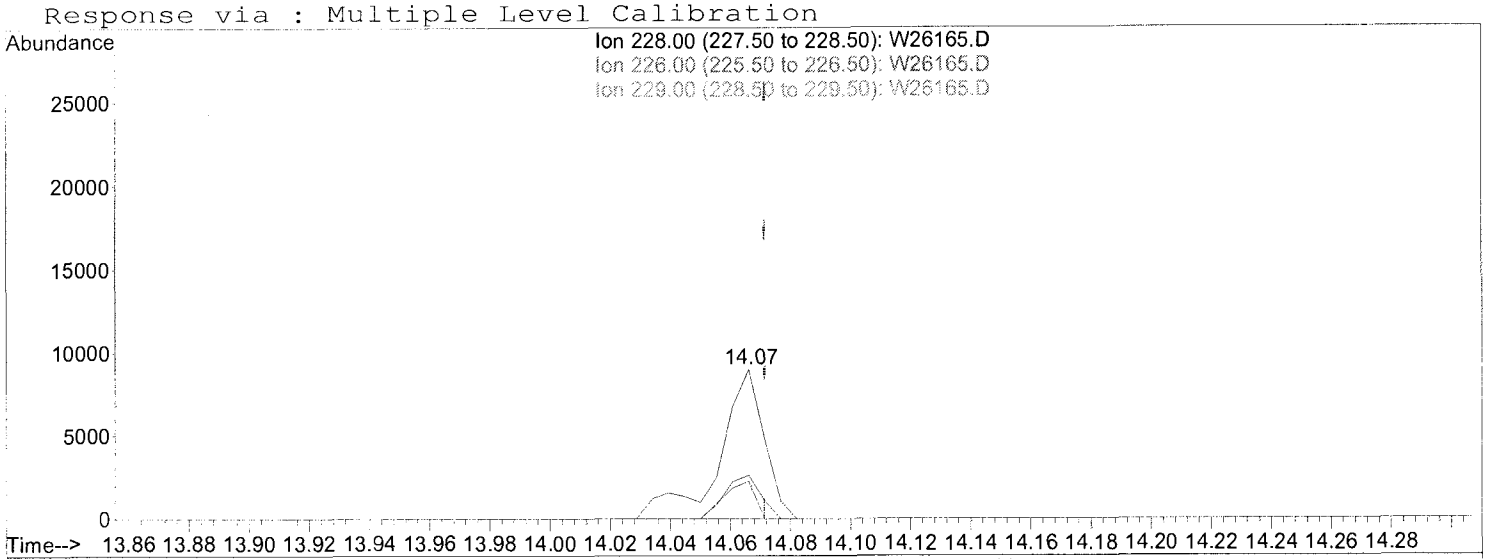
Ion	Exp%	Act%
149.00	100	100
91.00	77.00	76.84
206.00	22.70	19.73
0.00	0.00	0.00

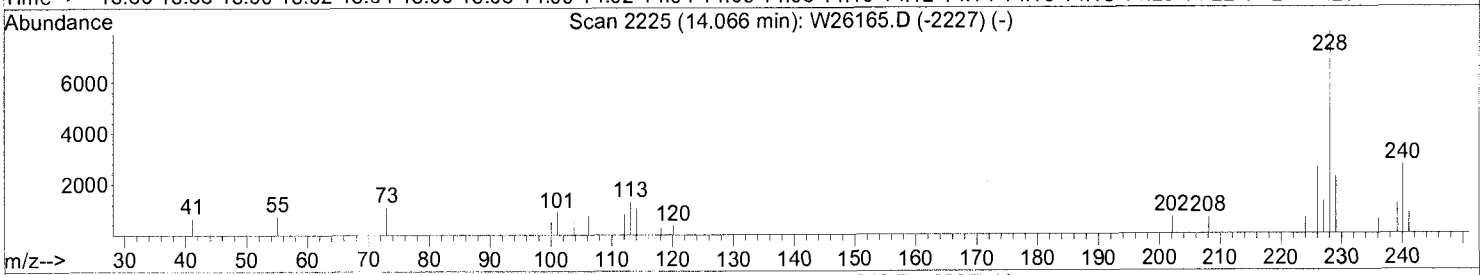
Quantitation Report (Qedit)

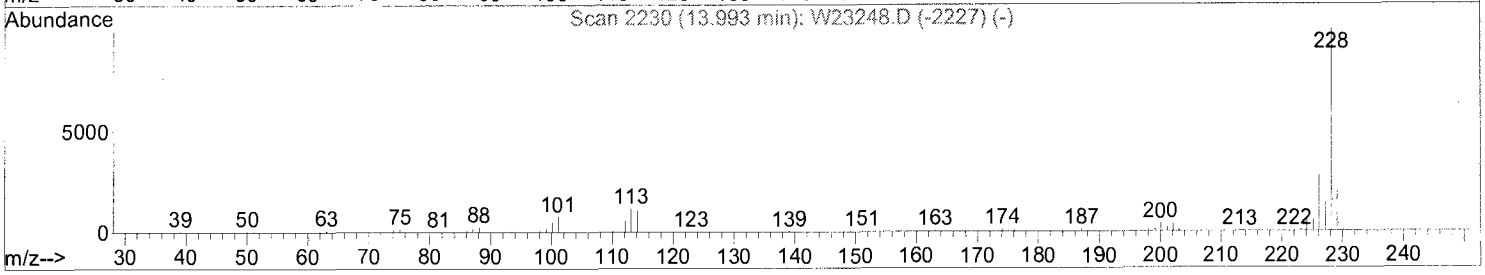
Data File : C:\MSDChem\1\DATA\090508\W26165.D
Acq On : 5 Sep 2008 18:40
Sample : A8A71801 AS80011358
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:54 2008

Vial: 19
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 10:54:48 2008
Response via : Multiple Level Calibration







TIC: W26165.D

(75) C735 Chrysene (TC)

14.07min (-0.005) 0.57ng

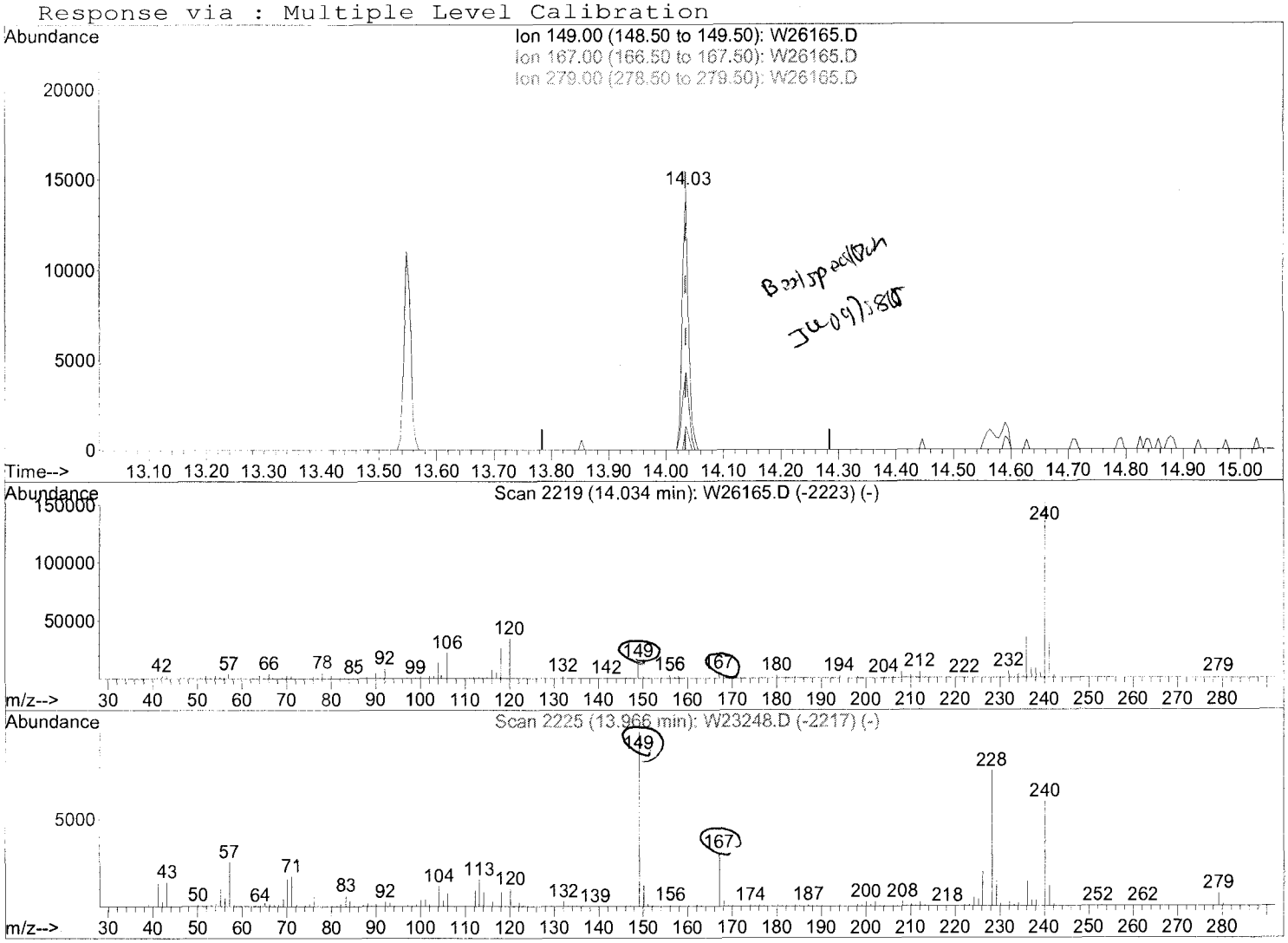
response 9303

Ion	Exp%	Act%
228.00	100	100
226.00	27.10	29.18
229.00	18.80	24.88
0.00	0.00	0.00

Data File : C:\MSDChem\1\DATA\090508\W26165.D
Acq On : 5 Sep 2008 18:40
Sample : A8A71801 AS80011358
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:54 2008

Vial: 19
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 10:54:48 2008
Response via : Multiple Level Calibration



TIC: W26165.D

(76) C740 bis(2-Ethylhexyl)phthalate (T)

14.03min (+0.000) 0.96ng

response 10738

Ion	Exp%	Act%
149.00	100	100
167.00	33.10	29.87
279.00	7.50	9.17
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V31058.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: 18 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	100	J
208-96-8	Acenaphthylene	63	J
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	220	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	650	
205-99-2	Benzo(b)fluoranthene	550	
207-08-9	Benzo(k)fluoranthene	250	J
191-24-2	Benzo(ghi)perylene	420	
50-32-8	Benzo(a)pyrene	560	
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	230	J
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	59	J
218-01-9	Chrysene	600	B
53-70-3	Dibenzo(a,h)anthracene	120	J
132-64-9	Dibenzofuran	66	J
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V31058.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: 18 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	1100	
86-73-7	Fluorene	120	J
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	28	J
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	42	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	1000	
108-95-2	Phenol	390	U
129-00-0	Pyrene	1100	
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47507

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V31058.RR

Level: (low/med) LOW Date Samp/Recv: 08/26/2008 08/27/2008

% Moisture: 18 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

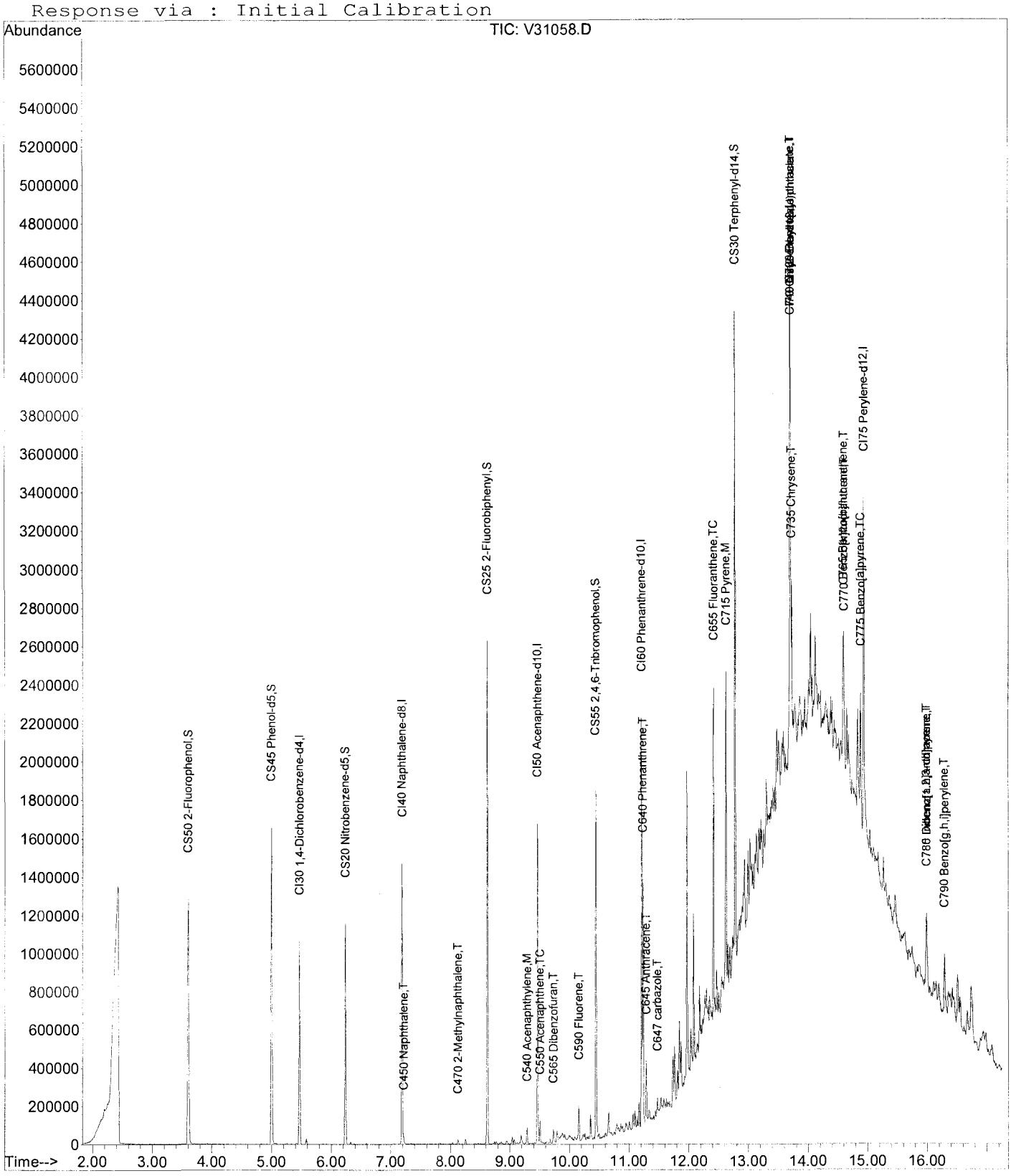
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:39 2008

Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:46 2008

Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	170354	40.00	ng	0.00 87.75%
20) CI40 Naphthalene-d8	7.19	136	635456	40.00	ng	0.00 87.45%
35) CI50 Acenaphthene-d10	9.46	164	365641	40.00	ng	0.00 88.88%
56) CI60 Phenanthrene-d10	11.21	188	749820	40.00	ng	0.00 85.93%
68) CI70 Chrysene-d12	13.71	240	671608	40.00	ng	0.00 82.37%
78) CI75 Perylene-d12	14.94	264	624638	40.00	ng	0.00 100.83%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.60	112	446280	69.51	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 46.34%			
5) CS45 Phenol-d5	5.00	99	645897	78.37	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 52.25%			
6) CS70 2-chlorophenol-d4	5.46	132	163	0.03	ng	0.30
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	409396	50.30	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 50.30%			
39) CS25 2-Fluorobiphenyl	8.62	172	789486	57.52	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 57.52%			
59) CS55 2,4,6-Tribromophenol	10.44	330	160623	103.36	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 68.91%			
71) CS30 Terphenyl-d14	12.78	244	917193	60.30	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 60.30%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	5.01	94	866	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	4.95	93	247	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	5.43	45	413	N.D.
16) C355 2-Methylphenol	6.09	108	615	N.D.
17) C375 Hexachloroethane	5.70	117	204	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	6.09	108	615	N.D.
22) C410 Nitrobenzene	6.24	77	1365	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D. d
25) C420 2-Nitrophenol	0.00	139	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:46 2008

Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

MD 9/4/08

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	6.96	107	161	N.D.	
27)	C435 bis(2-Chloroethoxy)me	7.18	93	164	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.21	128	18484	1.07 ng	96
31)	C455 4-Chloroaniline	0.00	127	0	N.D. d	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	8.13	142	7857	0.70 ng	100
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	8.96	162	197	N.D.	
41)	C530 2-Nitroaniline	8.84	65	161	N.D.	
42)	C540 Acenaphthylene	9.29	152	29643	1.60 ng	96
43)	C535 Dimethylphthalate	9.19	163	727	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	9.51	153	29709	2.59 ng	85
46)	C545 3-Nitroaniline	8.62	138	331	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	9.73	168	28136	1.67 ng	83
49)	C570 2,4-Dinitrotoluene	9.68	165	519	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D. d	
51)	C590 Fluorene	10.15	166	43380	3.16 ng	86
52)	C585 4-Chlorophenyl-phenyl	9.76	204	187	N.D.	
53)	C580 Diethylphthalate	0.00	149	0	N.D.	
54)	C620 1,2 diphenylhydrazine	10.35	77	1412	N.D.	
55)	C595 4-Nitroaniline	10.15	138	418	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	10.31	169	1595	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.24	178	471380	25.52 ng	100
64)	C645 Anthracene	11.29	178	109125	5.70 ng	95
65)	C647 carbazole	11.47	167	27834	1.50 ng	62
66)	C650 Di-n-butylphthalate	11.79	149	656	N.D.	
67)	C655 Fluoranthene	12.42	202	672380	28.51 ng	92
69)	C715 Pyrene	12.63	202	650319	28.98 ng	90
70)	C710 benzidine	12.56	184	1076	N.D.	
72)	C720 Butylbenzylphthalate	0.00	149	0	N.D. d	
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D. d	
74)	C730 Benzo[a]anthracene	13.69	228	346671	16.56 ng	92
75)	C735 Chrysene	13.73	228	312268	15.21 ng	94
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	77654	5.83 ng	95
77)	C760 Di-n-octylphthalate	0.00	149	0	N.D. d	
79)	C765 Benzo[b]fluoranthene	14.60	252	320810m	13.89 ng	89
80)	C770 Benzo[k]fluoranthene	14.61	252	136647m	6.40 ng	91
81)	C775 Benzo[a]pyrene	14.89	252	283921	14.17 ng	93
82)	C780 Indeno[1,2,3-cd]pyren	15.99	276	189574	8.32 ng	77
83)	C785 Dibenz[a,h]anthracene	16.00	278	58818	3.04 ng	89
84)	C790 Benzo[g,h,i]perylene	16.30	276	201192	10.56 ng	90

MD 9/4/08

MD 9/24/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:37 2008

Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	170354	40.00	ng	0.00 107.66%
4) CI40 Naphthalene-d8	7.19	136	635456	40.00	ng	0.00 113.72%
7) CI50 Acenaphthene-d10	9.46	164	365641	40.00	ng	0.00 113.39%
10) CI60 Phenanthrene-d10	11.21	188	749820	40.00	ng	0.00 118.26%
12) CI70 Chrysene-d12	13.71	240	671608	40.00	ng	0.00 98.96%
13) CI75 Perylene-d12	14.94	264	624638	40.00	ng	0.00 115.01%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.87	77	617	N.D.		
3) E145 Acetophenone	6.05	105	181	N.D.		
5) E655 Caprolactam	8.13	113	173	3.28	ng	# 37
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Bipheny1	8.74	154	4345	0.29	ng	77
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	11.32	200	185	N.D.		

9/23/08

(#) = qualifier out of range (m) = manual integration

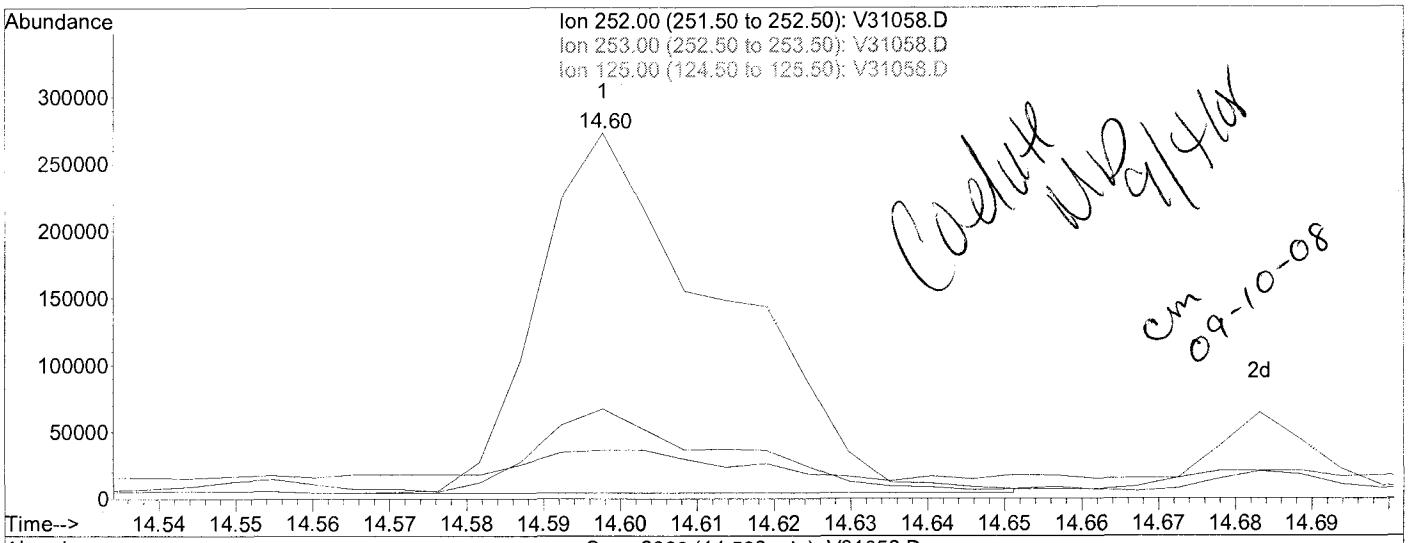
Quantitation Report (Qedit)

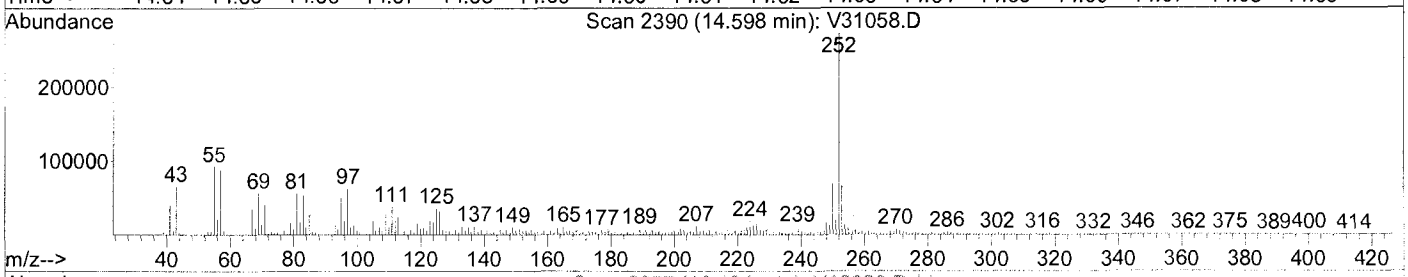
Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:39 2008

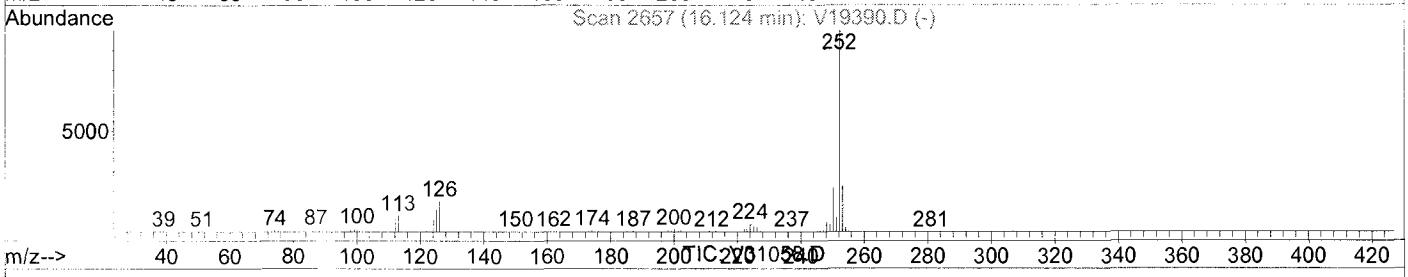
Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.60min 19.35ng

response 446854

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.41
125.00	17.90	6.89
0.00	0.00	0.00

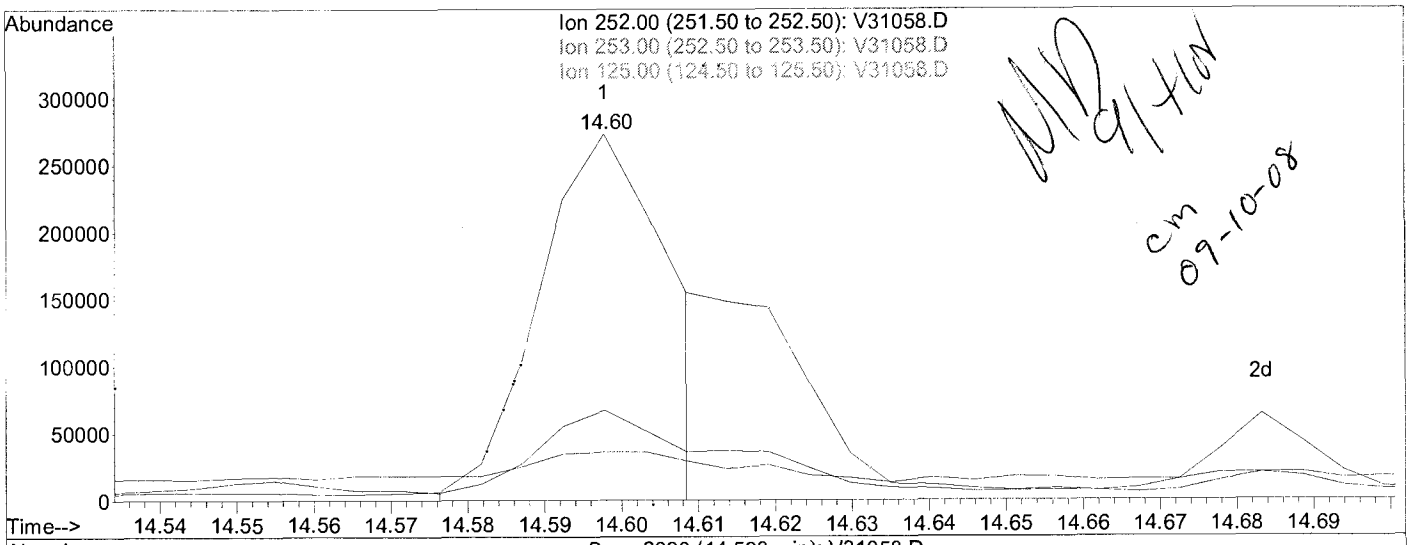
Quantitation Report (Qedit)

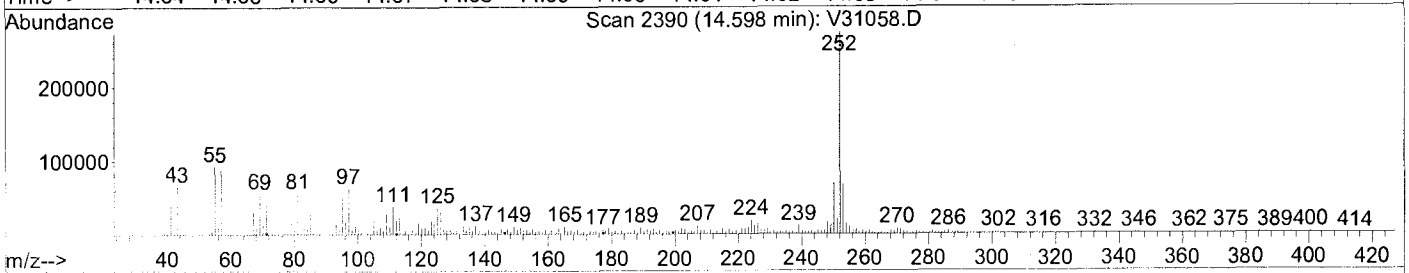
Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:39 2008

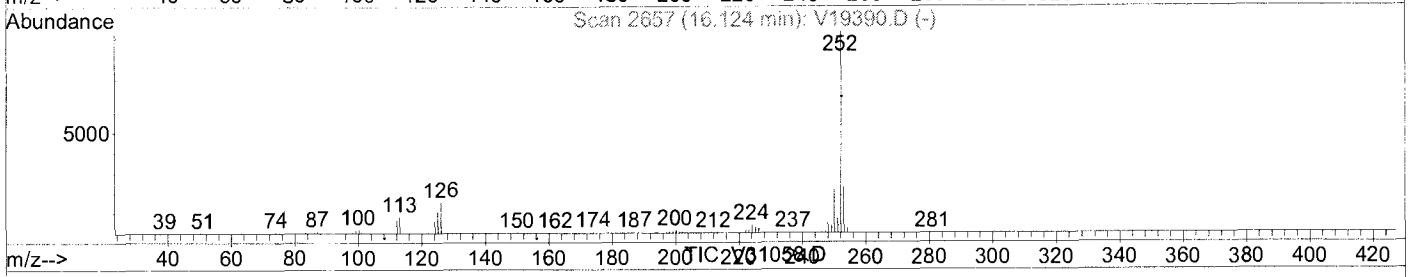
Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.60min 13.89ng m

response 320810

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.62
125.00	17.90	13.27
0.00	0.00	0.00

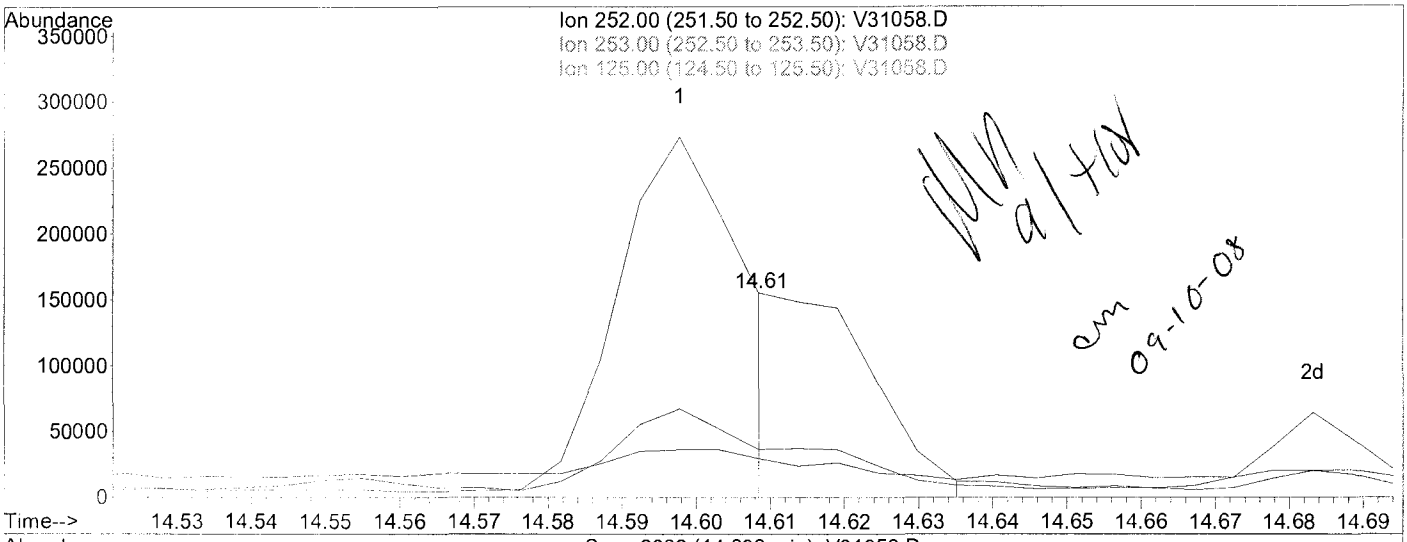
Quantitation Report (Qedit)

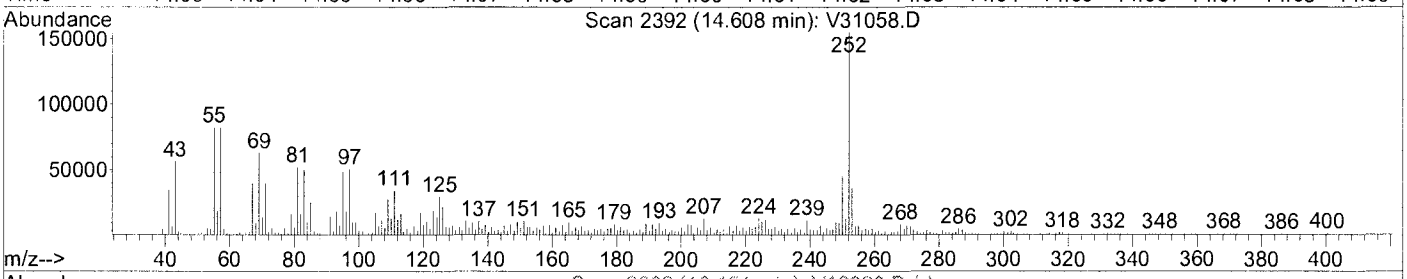
Data File : D:\DATA\090308\V31058.D
Acq On : 3 Sep 2008 21:37
Sample : A8A47507 AS80010964
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:39 2008

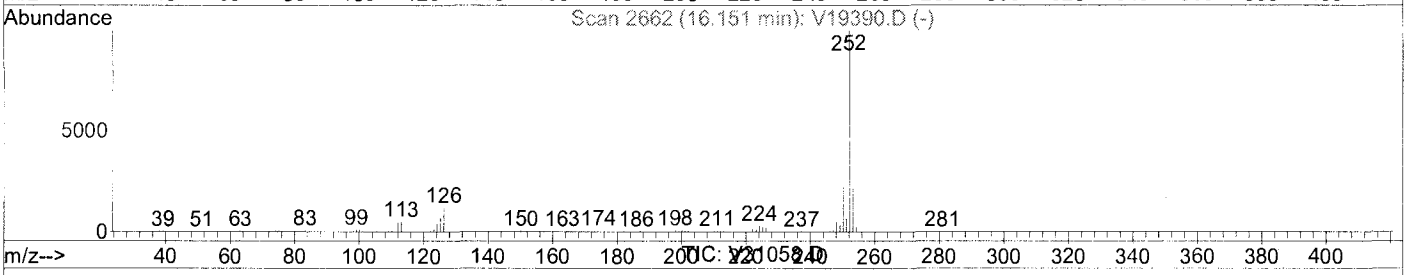
Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration





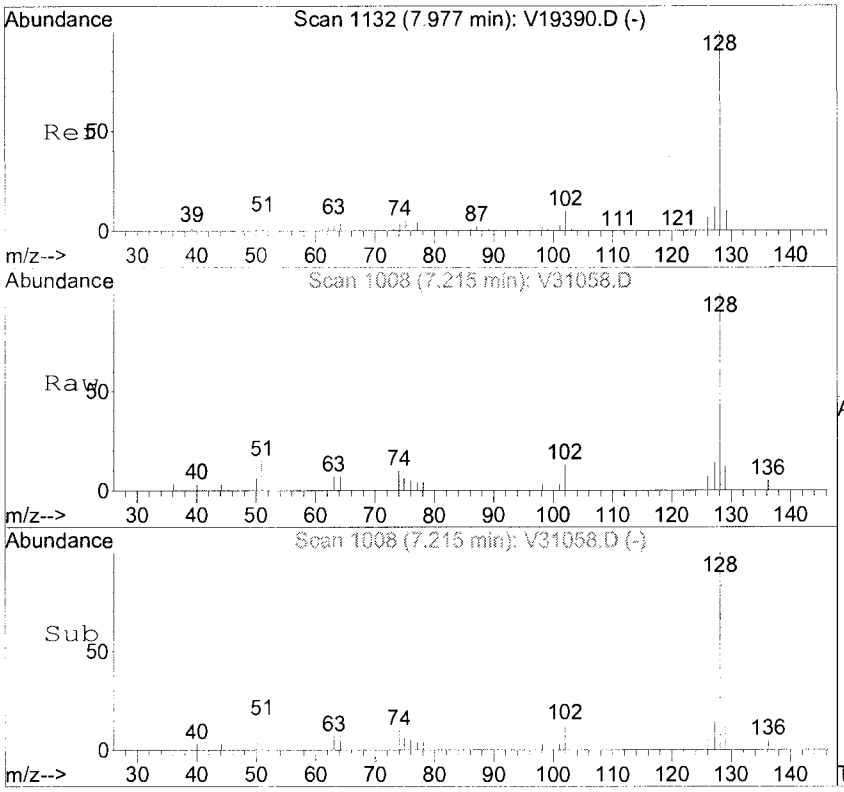


(80) C770 Benzo[k]fluoranthene (T)

14.61min 6.40ng m

response 136647

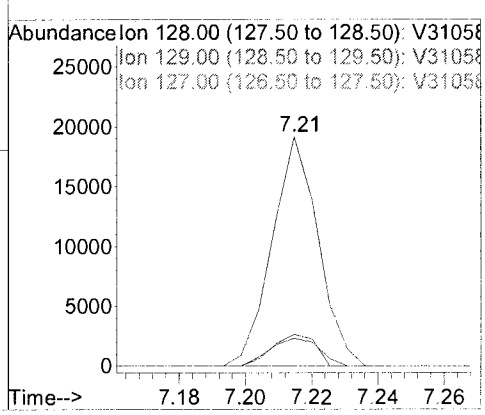
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.46
125.00	16.20	19.06
0.00	0.00	0.00

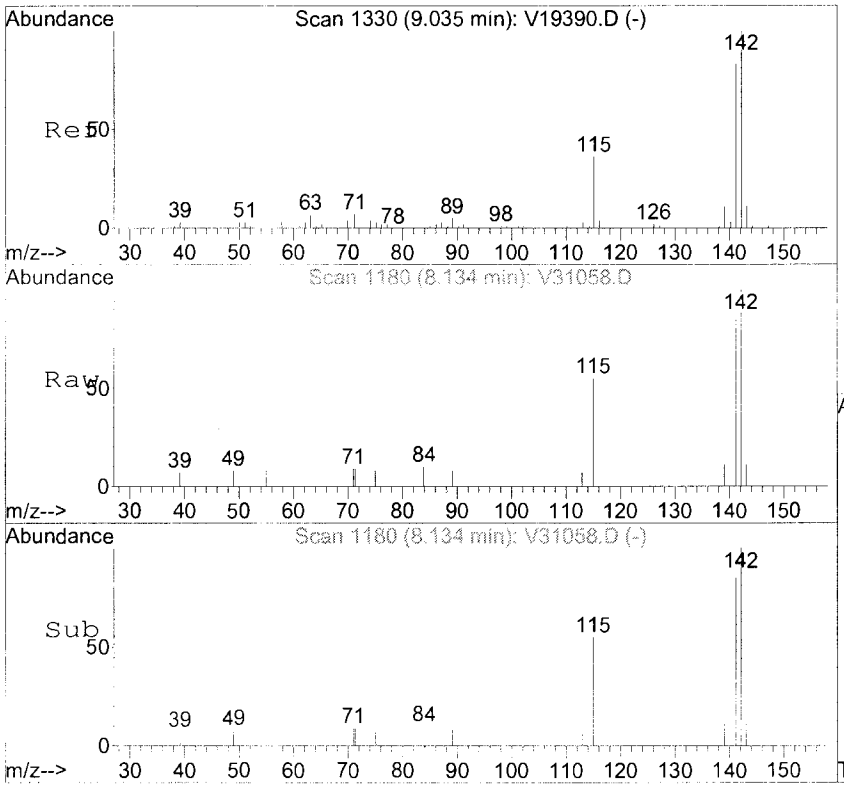


#30
C450 Naphthalene
Concen: 1.07 ng
RT: 7.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:128 Resp: 18484

Ion	Ratio	Lower	Upper
128	100		
129	12.0	0.0	30.6
127	13.7	0.0	32.0

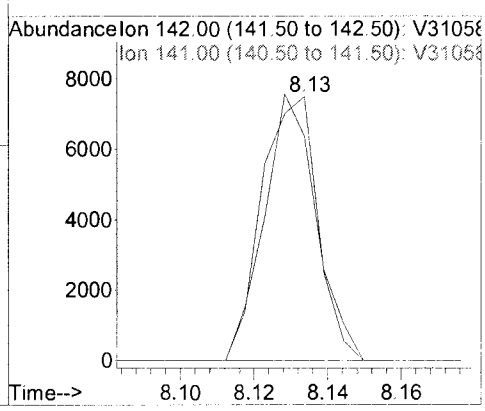


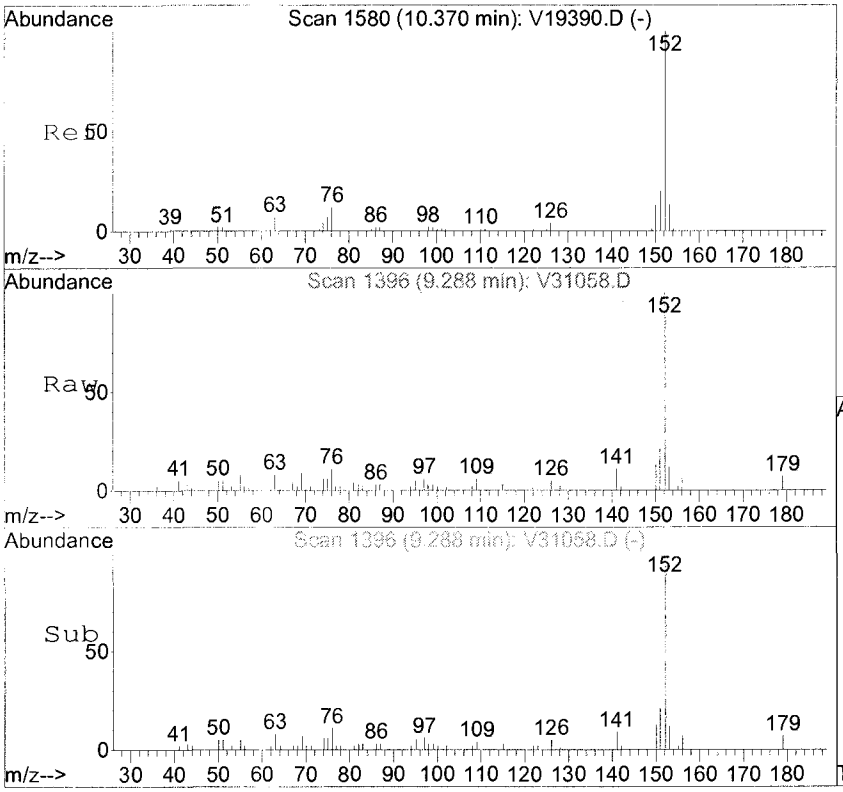


#34
C470 2-Methylnaphthalene
Concen: 0.70 ng
RT: 8.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:142 Resp: 7857

Ion	Ratio	Lower	Upper
142	100		
141	85.0	65.1	105.1

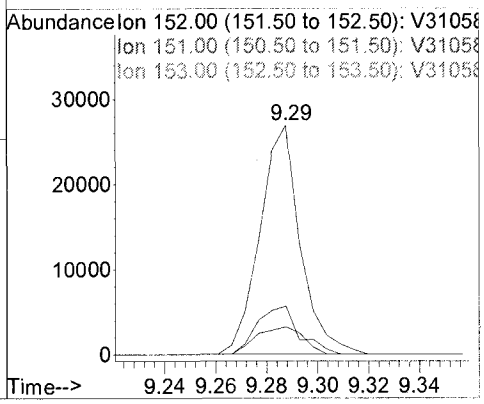


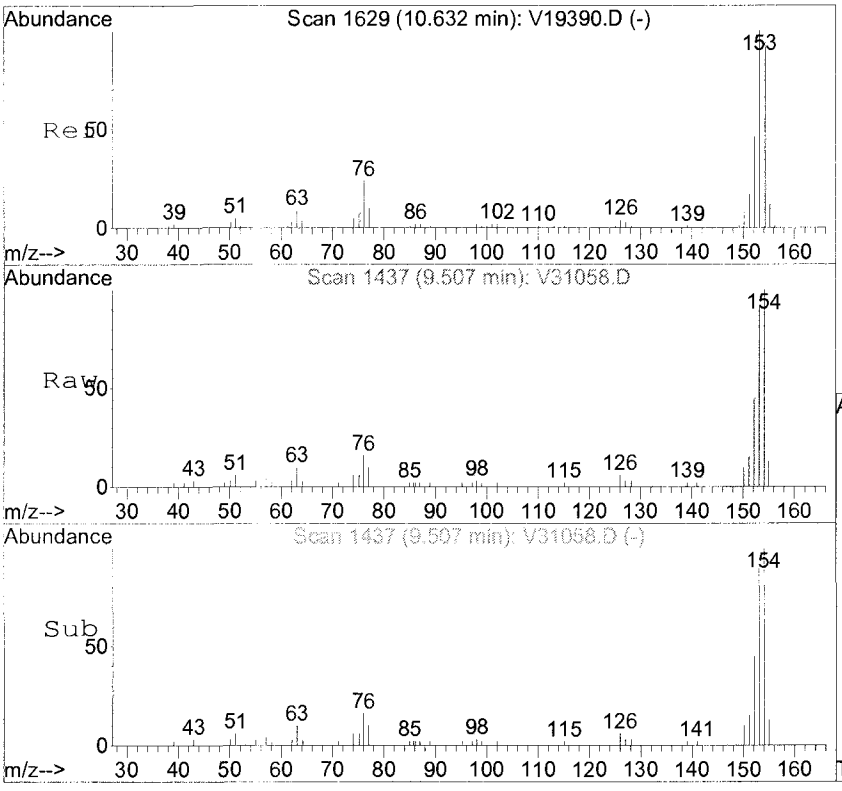


#42
C540 Acenaphthylene
Concen: 1.60 ng
RT: 9.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:152 Resp: 29643

Ion	Ratio	Lower	Upper
152	100		
151	21.0	0.0	38.2
153	12.1	0.0	32.8

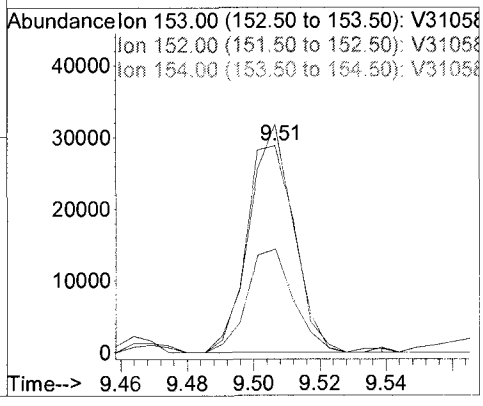


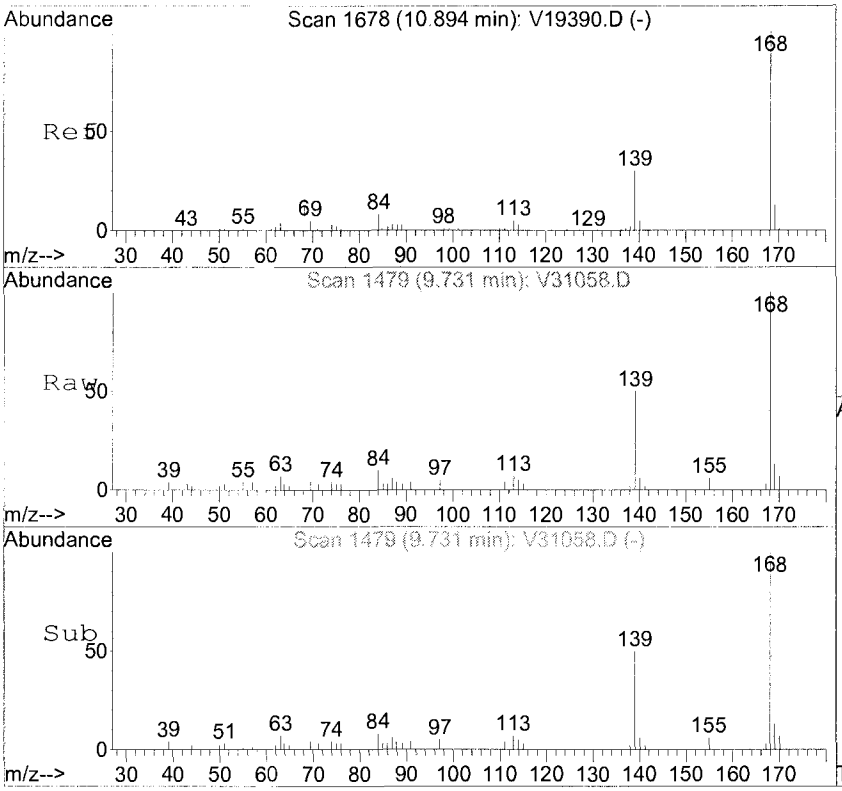


#45
C550 Acenaphthene
Concen: 2.59 ng
RT: 9.51 min Scan# 1437
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:153 Resp: 29709

Ion	Ratio	Lower	Upper
153	100		
152	49.8	24.7	64.7
154	110.4	72.6	112.6

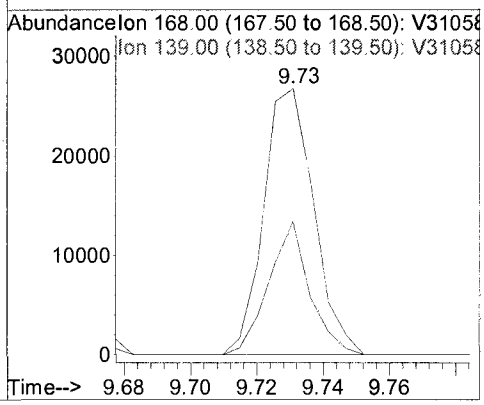


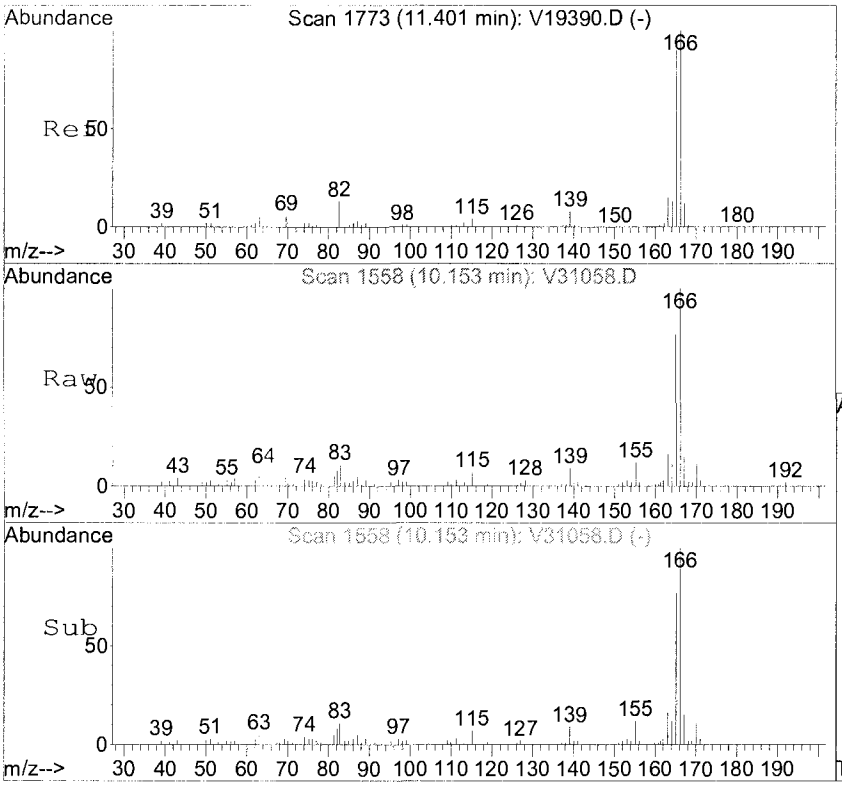


#48
C565 Dibenzofuran
Concen: 1.67 ng
RT: 9.73 min Scan# 1479
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:168 Resp: 28136

Ion	Ratio	Lower	Upper
168	100		
139	50.2	19.5	59.5

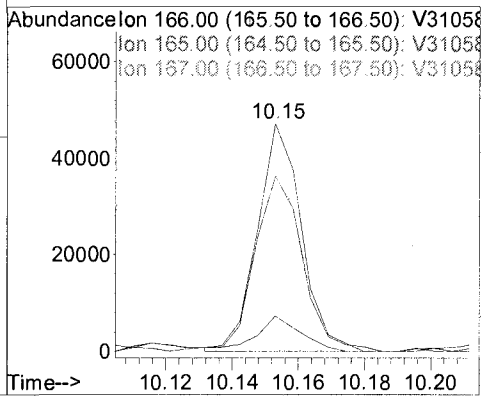


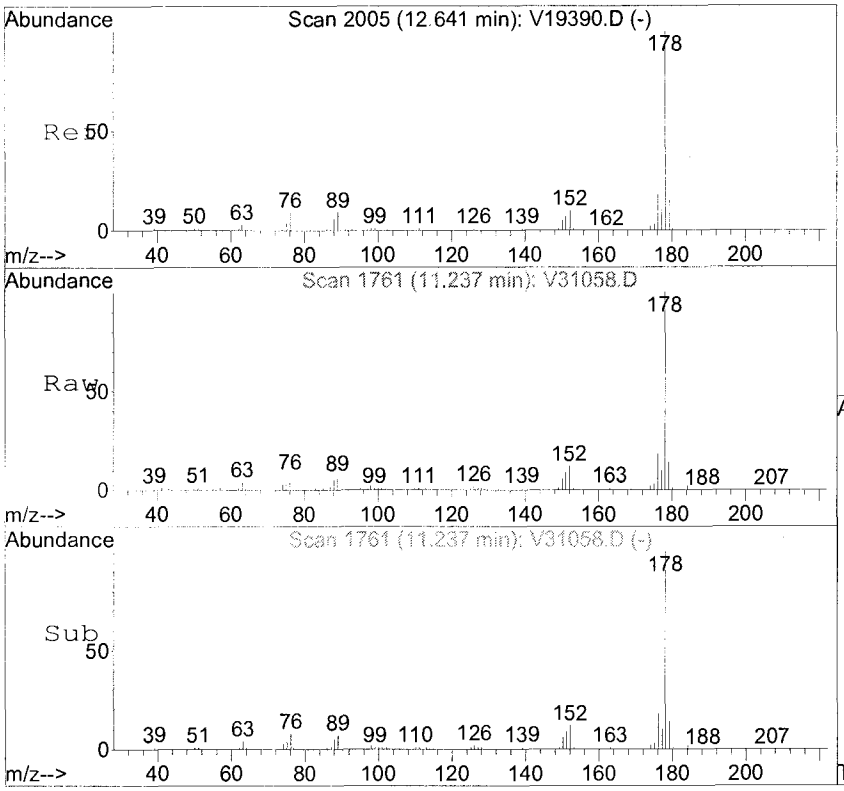


#51
C590 Fluorene
Concen: 3.16 ng
RT: 10.15 min Scan# 1558
Delta R.T. -0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:166 Resp: 43380

Ion	Ratio	Lower	Upper
166	100		
165	76.8	71.4	111.4
167	15.4	0.0	33.1

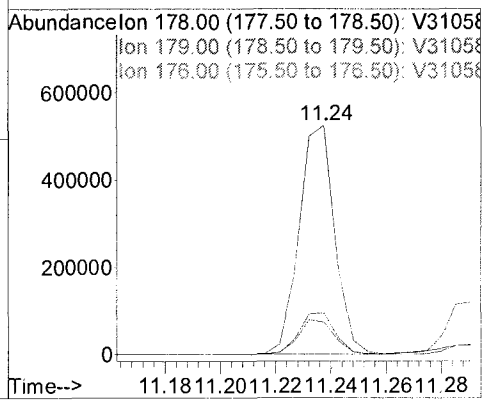


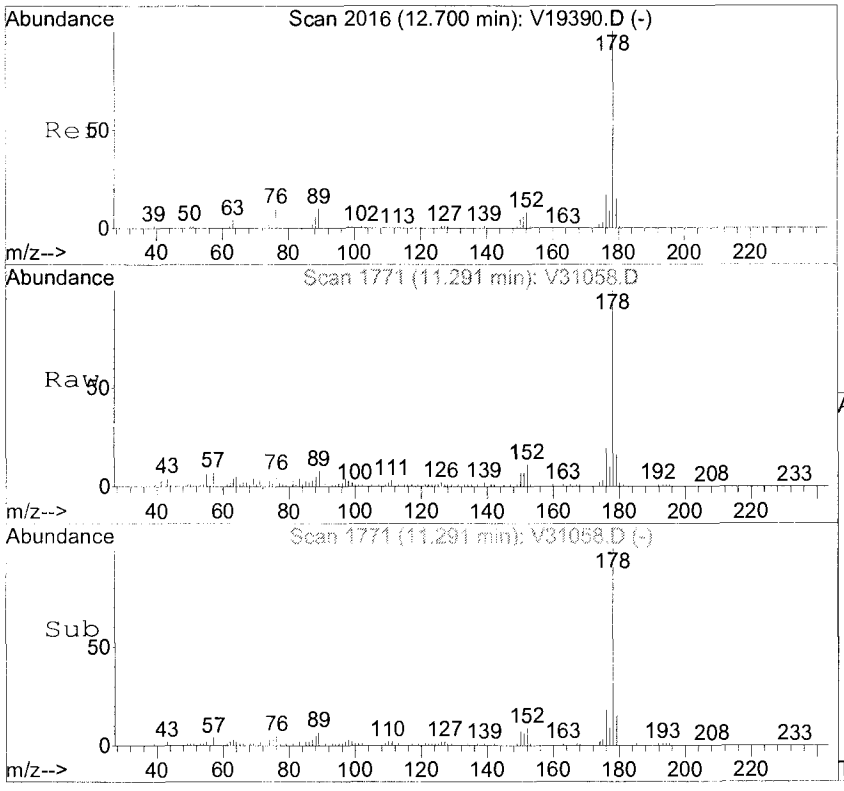


#63
C640 Phenanthrene
Concen: 25.52 ng
RT: 11.24 min Scan# 1761
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:178 Resp: 471380

Ion	Ratio	Lower	Upper
178	100		
179	14.0	0.0	34.2
176	18.2	0.0	38.0

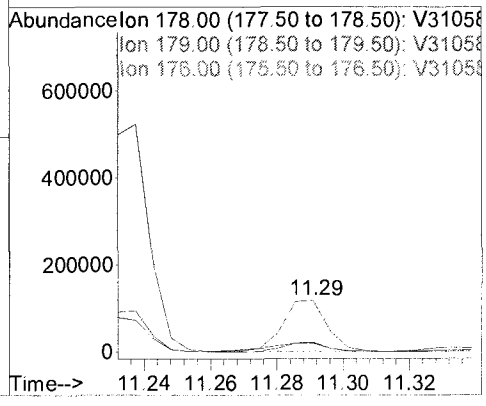


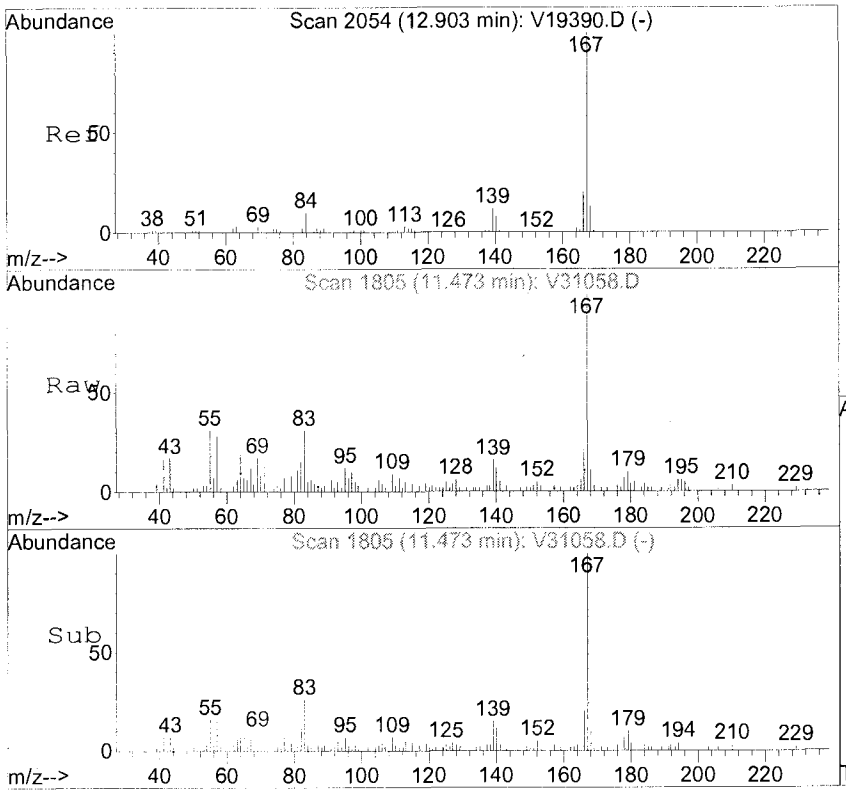


#64
C645 Anthracene
Concen: 5.70 ng
RT: 11.29 min Scan# 1771
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:178 Resp: 109125

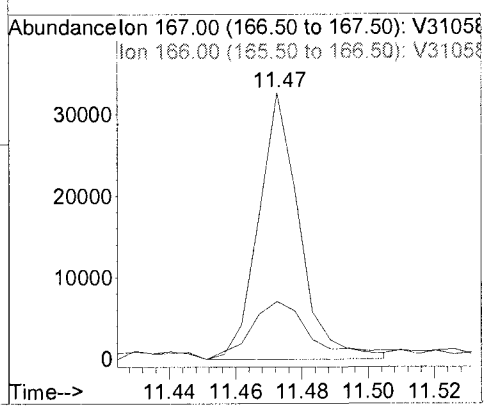
Ion	Ratio	Lower	Upper
178	100		
179	16.0	0.0	33.6
176	18.8	0.0	37.1

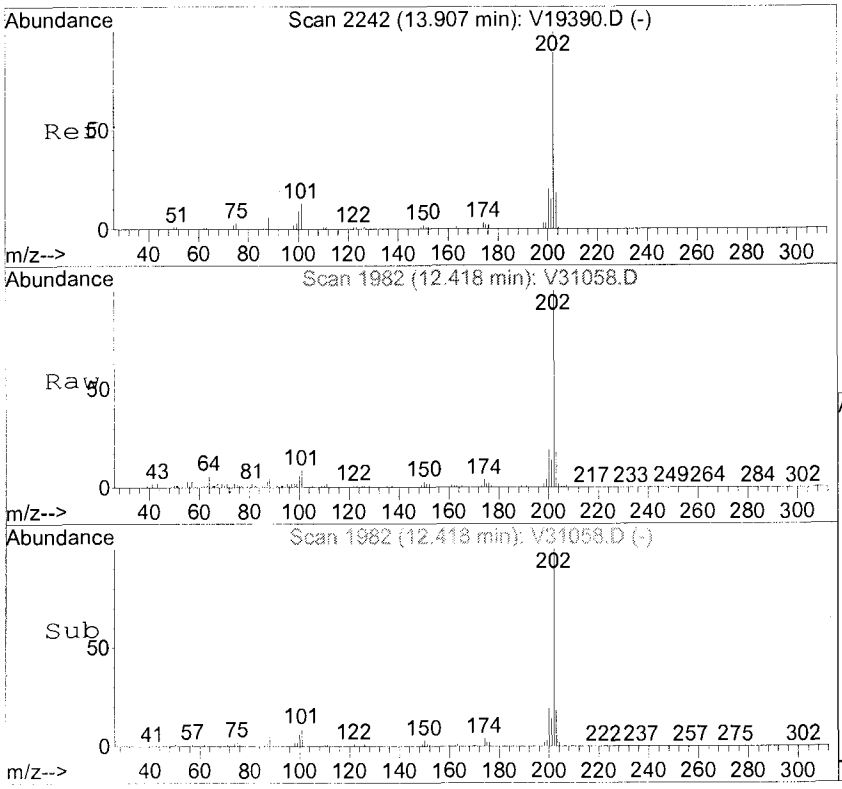




#65
C647 carbazole
Concen: 1.50 ng
RT: 11.47 min Scan# 1805
Delta R.T. -0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

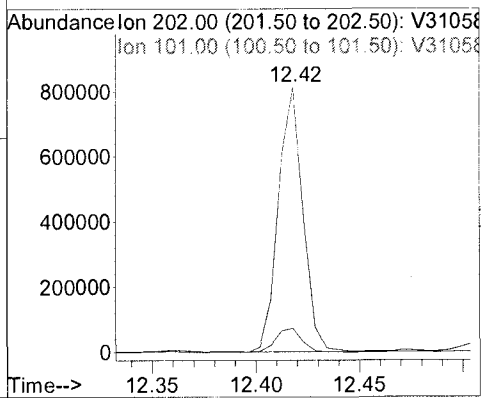
Tgt Ion:167	Resp:	27834
Ion	Ratio	Lower	Upper
167	100		
166	36.5	0.0	39.2

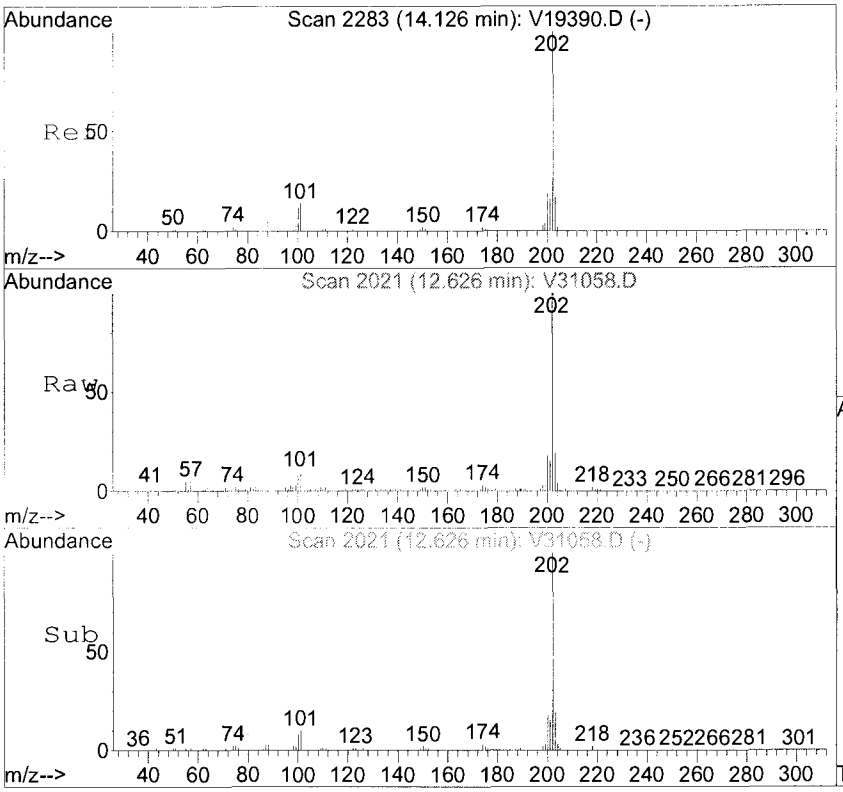




#67
C655 Fluoranthene
Concen: 28.51 ng
RT: 12.42 min Scan# 1982
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:202	Resp:	672380
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	31.9

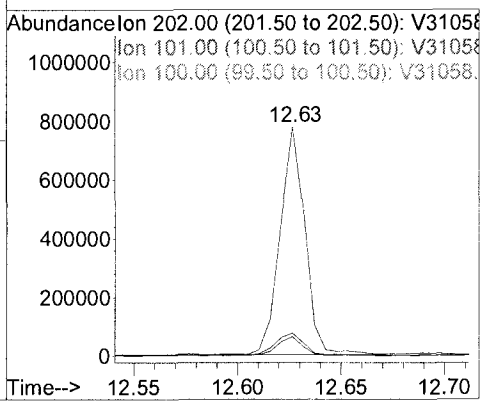


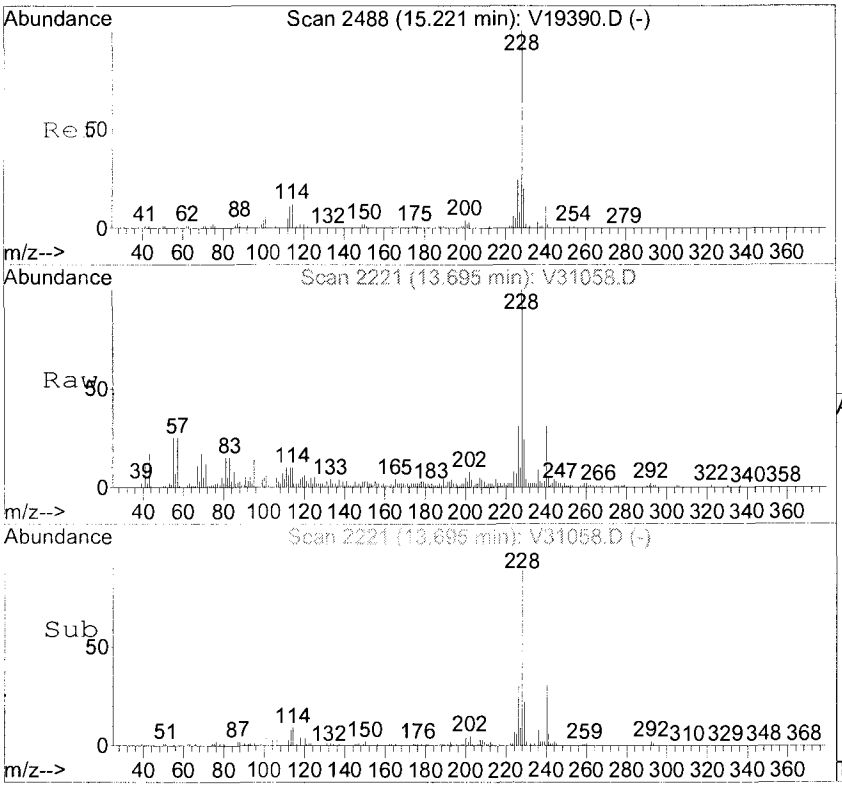


#69
C715 Pyrene
Concen: 28.98 ng
RT: 12.63 min Scan# 2021
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:202 Resp: 650319

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.7
100	8.3	0.0	31.3

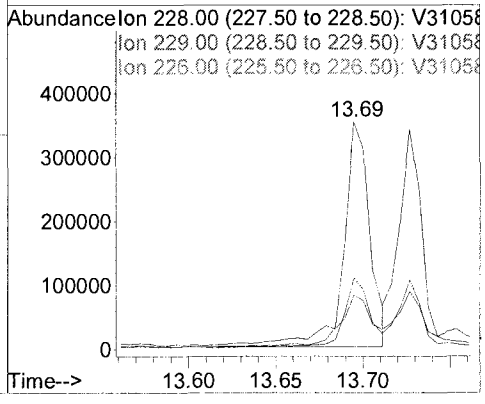


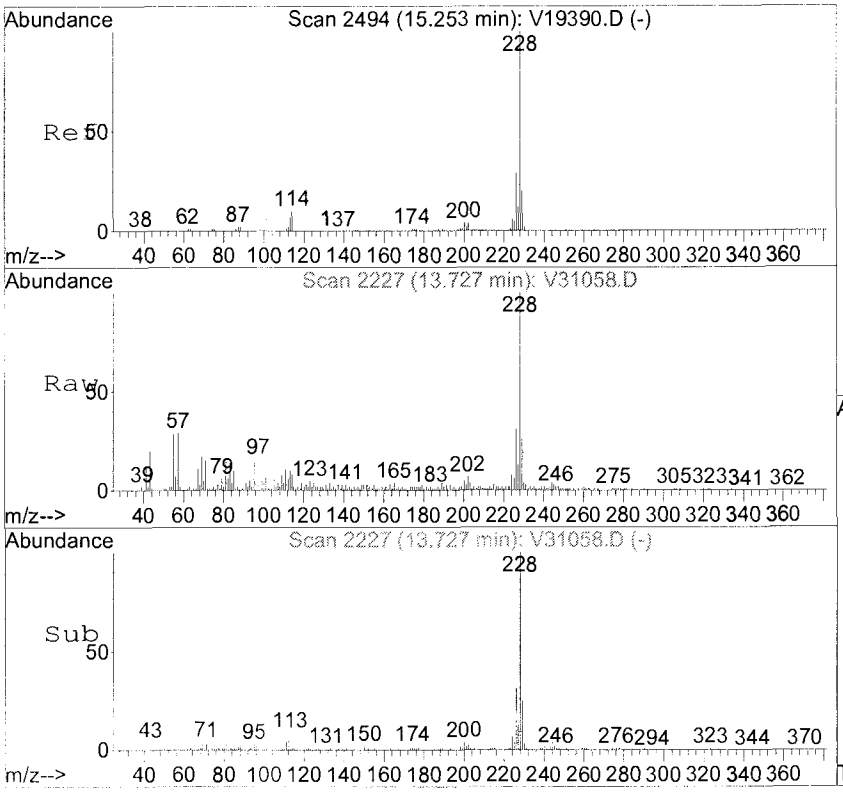


#74
C730 Benzo[a]anthracene
Concen: 16.56 ng
RT: 13.69 min Scan# 2221
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:228 Resp: 346671

Ion	Ratio	Lower	Upper
228	100		
229	22.3	0.0	39.5
226	30.5	5.6	45.6

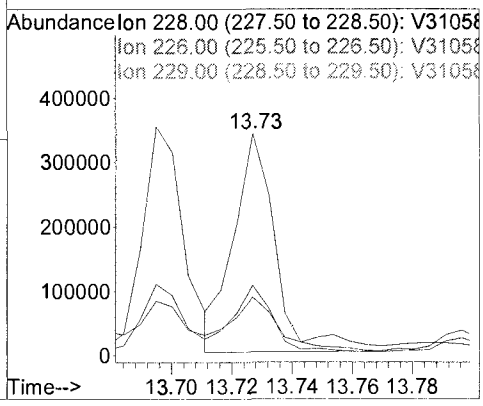


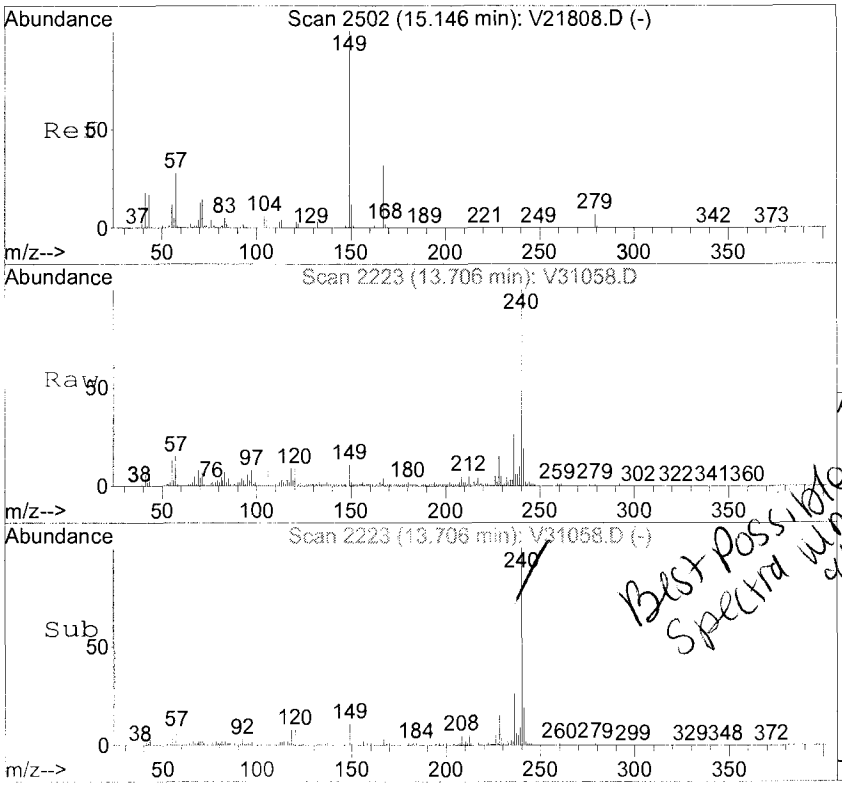


#75
C735 Chrysene
Concen: 15.21 ng
RT: 13.73 min Scan# 2227
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:228 Resp: 312268

Ion	Ratio	Lower	Upper
228	100		
226	30.4	7.8	47.8
229	22.6	0.0	39.2



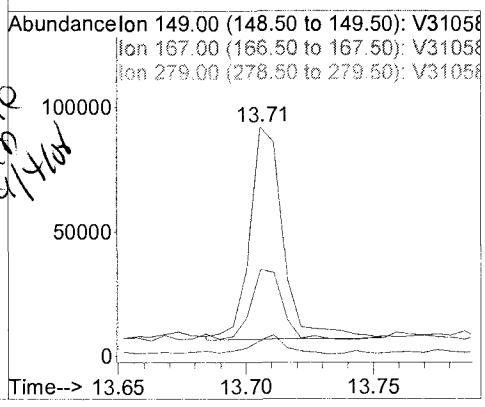


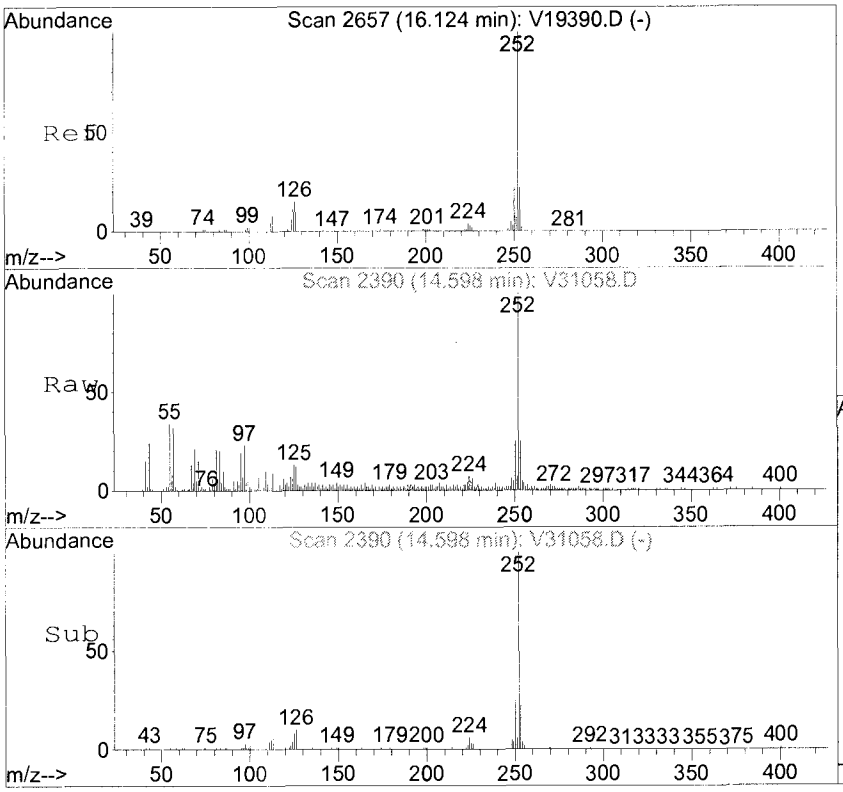
Best Possible Spectra w/in 4/14w

#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 5.83 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:149 Resp: 77654

Ion	Ratio	Lower	Upper
149	100		
167	31.4	8.3	48.3
279	6.1	0.0	26.1

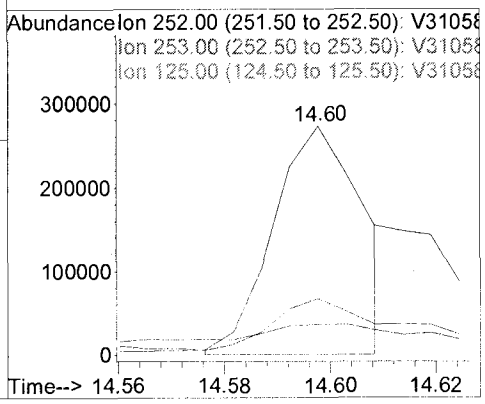


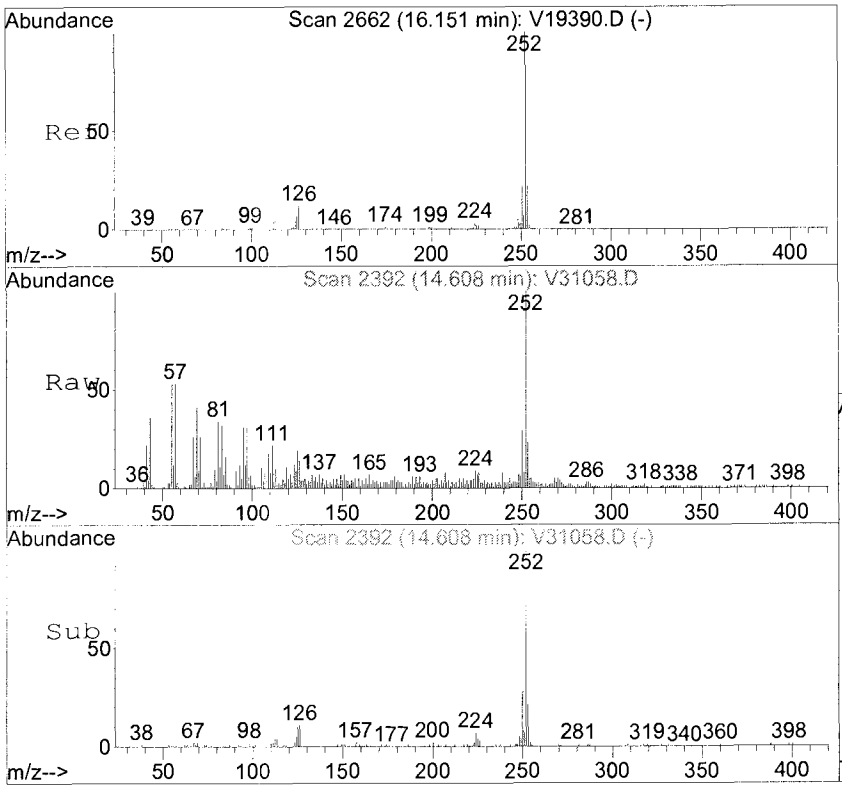


#79
C765 Benzo[b]fluoranthene
Concen: 13.89 ng m
RT: 14.60 min Scan# 2390
Delta R.T. 0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:252 Resp: 320810

Ion	Ratio	Lower	Upper
252	100		
253	24.6	2.3	42.3
125	13.3	0.0	37.9

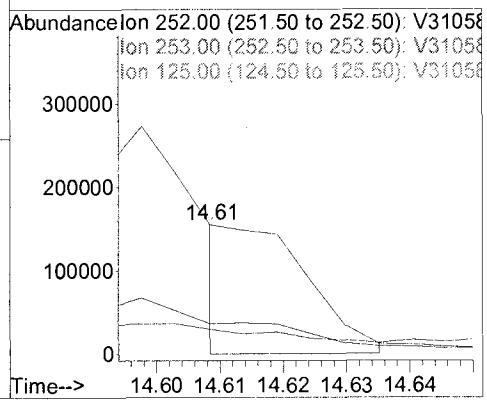


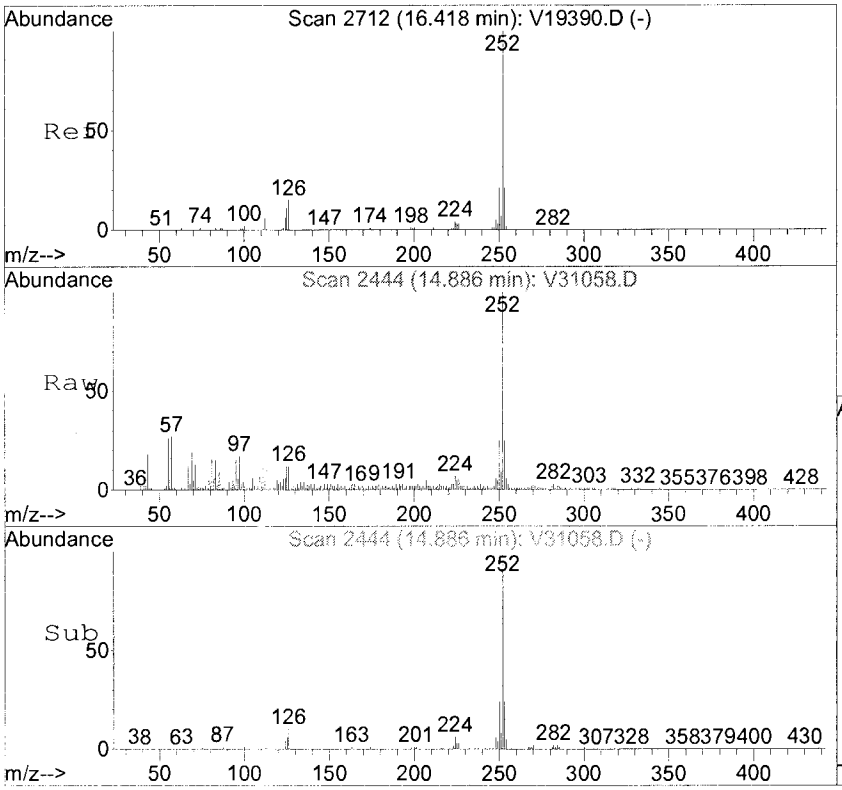


#80
C770 Benzo[k]fluoranthene
Concen: 6.40 ng m
RT: 14.61 min Scan# 2392
Delta R.T. -0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:252 Resp: 136647

Ion	Ratio	Lower	Upper
252	100		
253	23.5	2.6	42.6
125	19.1	0.0	36.2

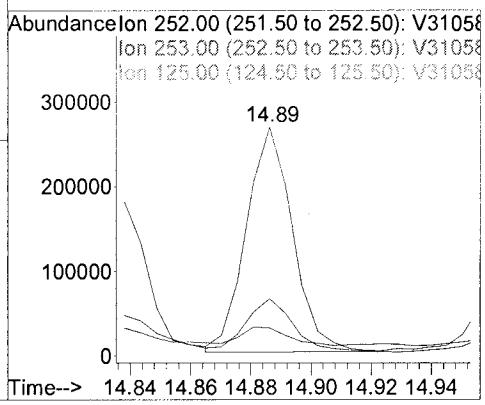


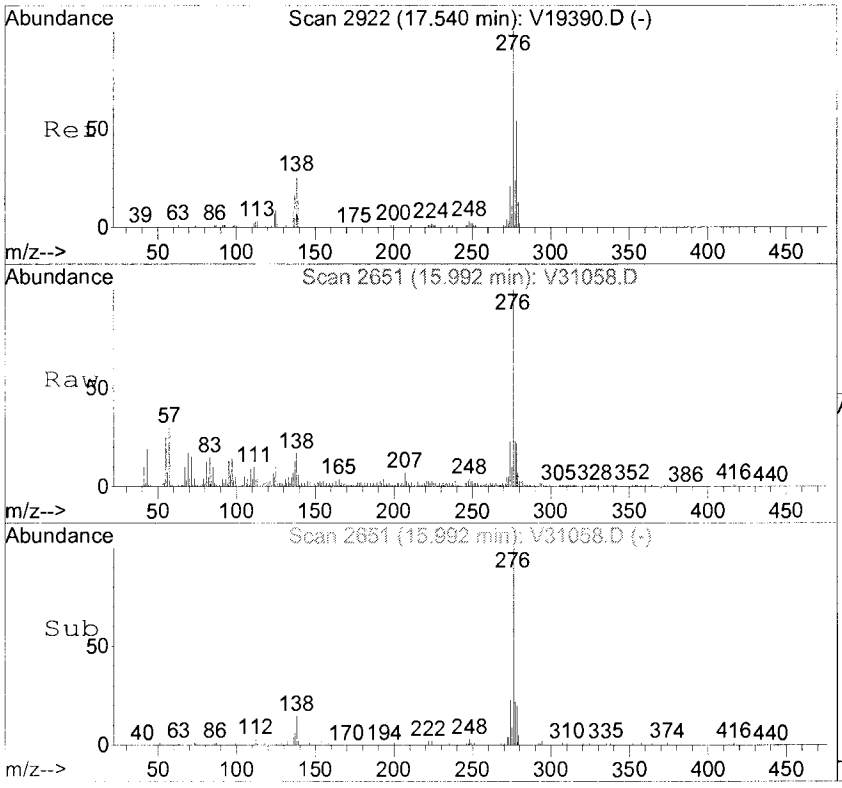


#81
C775 Benzo[a]pyrene
Concen: 14.17 ng
RT: 14.89 min Scan# 2444
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:252 Resp: 283921

Ion	Ratio	Lower	Upper
252	100		
253	23.7	1.0	41.0
125	7.1	0.0	30.8

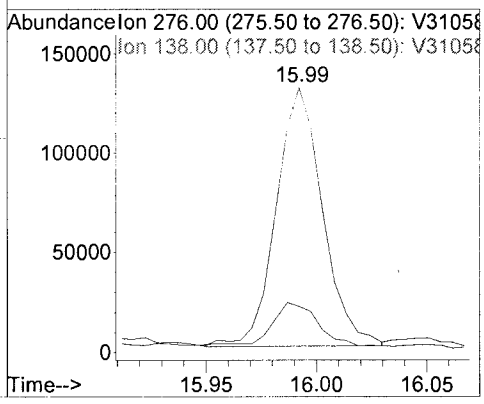


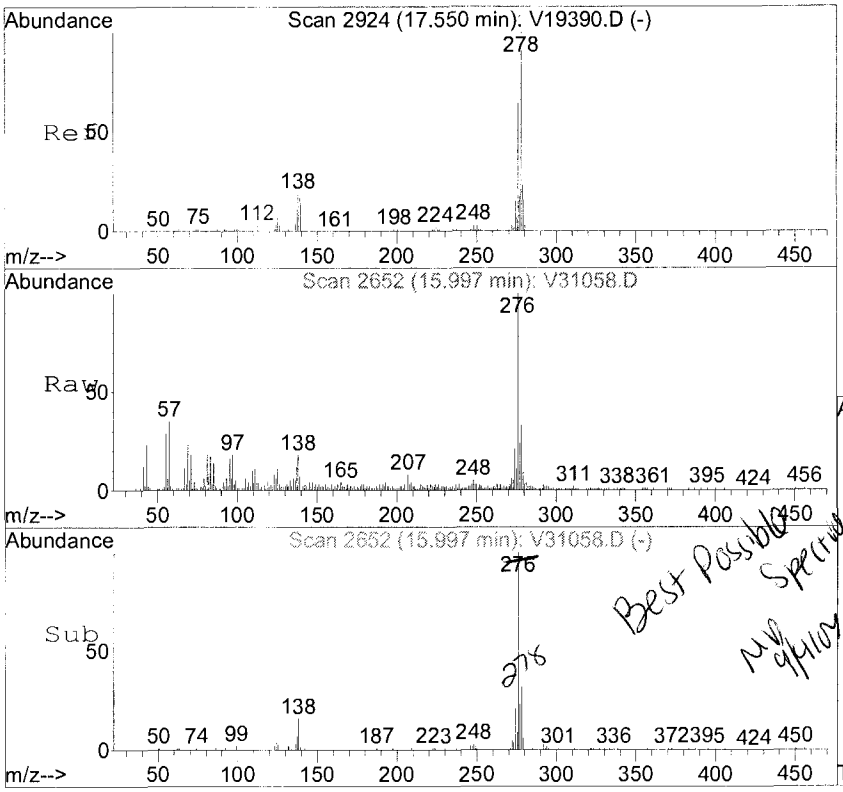


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 8.32 ng
RT: 15.99 min Scan# 2651
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:276 Resp: 189574

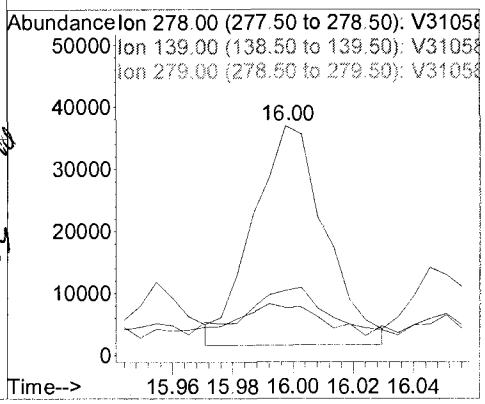
Ion	Ratio	Lower	Upper
276	100		
138	15.1	7.1	47.1

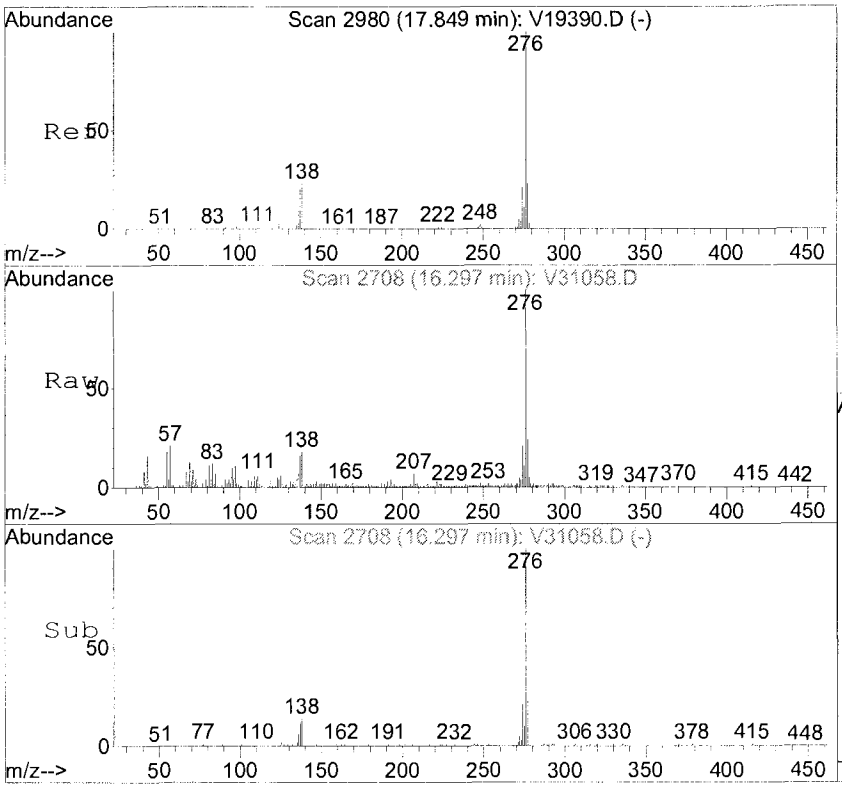




#83
C785 Dibenz[a,h]anthracene
Concen: 3.04 ng
RT: 16.00 min Scan# 2652
Delta R.T. -0.01 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

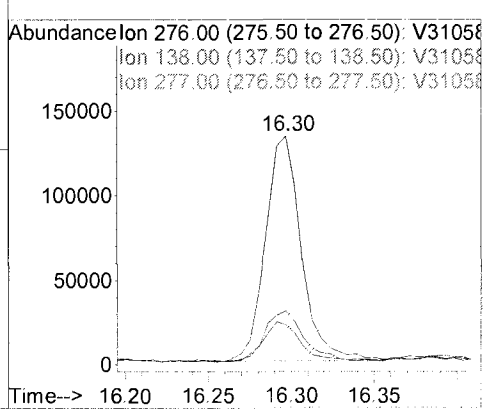
Tgt Ion:278	Resp:	58818	
Ion	Ratio	Lower	Upper
278	100		
139	9.5	0.0	37.8
279	19.2	1.8	41.8

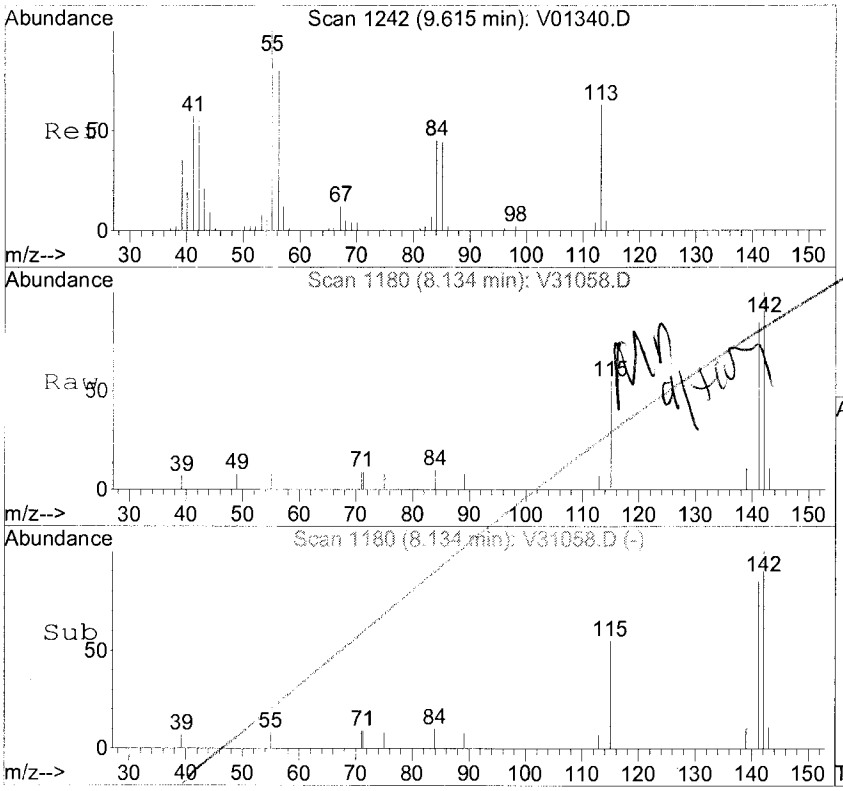




#84
C790 Benzo[g,h,i]perylene
Concen: 10.56 ng
RT: 16.30 min Scan# 2708
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:276	Resp:	201192	
Ion	Ratio	Lower	Upper
276	100		
138	16.4	4.9	44.9
277	22.2	3.1	43.1

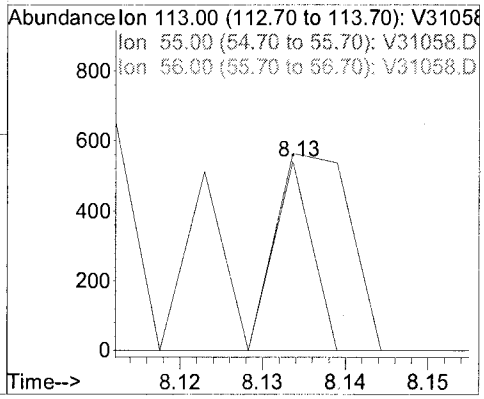


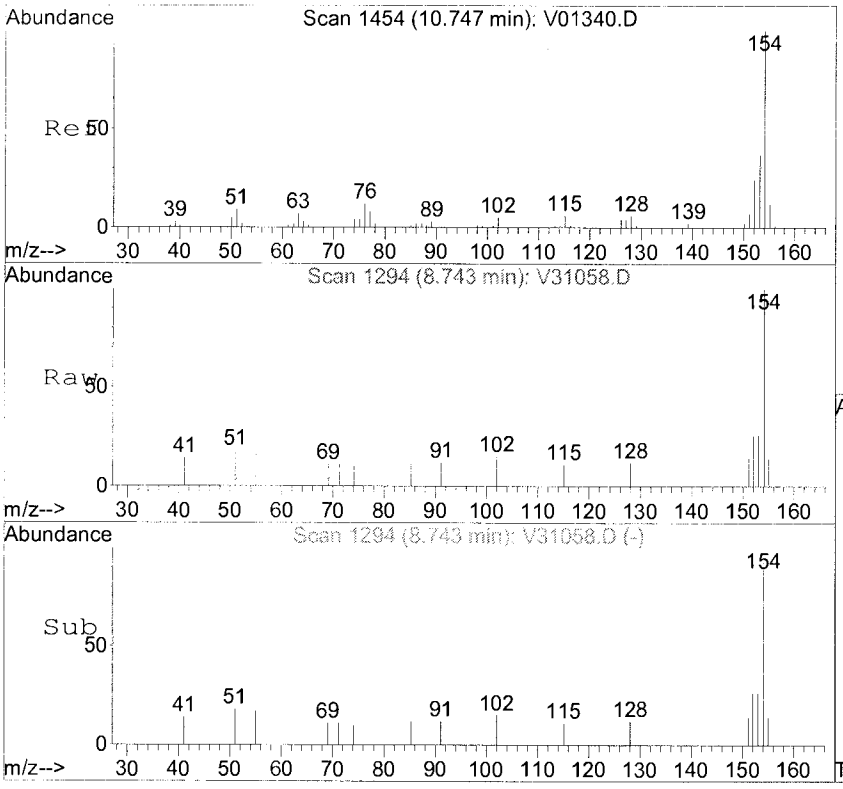


#5
E655 Caprolactam
Concen: 3.28 ng
RT: 8.13 min Scan# 1180
Delta R.T. 0.37 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:113 Resp: 173

Ion	Ratio	Lower	Upper
113	100		
55	104.3	127.3	167.3#
56	0.0	86.0	126.0#

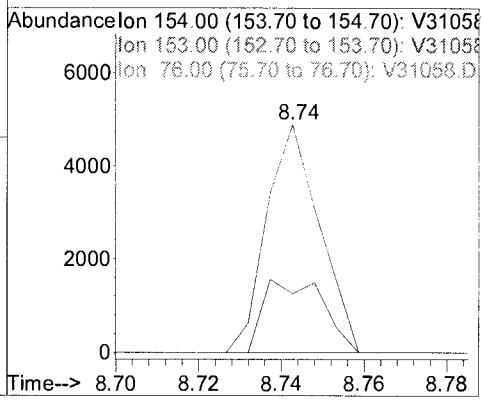




#8
C811 1,1'-Biphenyl
Concen: 0.29 ng
RT: 8.74 min Scan# 1294
Delta R.T. 0.00 min
Lab File: V31058.D
Acq: 3 Sep 2008 21:37

Tgt Ion:154 Resp: 4345

Ion	Ratio	Lower	Upper
154	100		
153	25.5	16.2	56.2
76	0.0	0.0	34.8



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 30.10 (g/mL) G Lab File ID: V31168.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 12 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3700	U
208-96-8	Acenaphthylene	3700	U
98-86-2	Acetophenone	3700	U
120-12-7	Anthracene	3700	U
1912-24-9	Atrazine	3700	U
100-52-7	Benzaldehyde	3700	U
56-55-3	Benzo(a)anthracene	340	J
205-99-2	Benzo(b)fluoranthene	410	J
207-08-9	Benzo(k)fluoranthene	98	J
191-24-2	Benzo(ghi)perylene	400	J
50-32-8	Benzo(a)pyrene	200	J
92-52-4	Biphenyl	3700	U
111-91-1	Bis(2-chloroethoxy) methane	3700	U
111-44-4	Bis(2-chloroethyl) ether	3700	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	3700	U
117-81-7	Bis(2-ethylhexyl) phthalate	3700	U
101-55-3	4-Bromophenyl phenyl ether	3700	U
85-68-7	Butyl benzyl phthalate	3700	U
105-60-2	Caprolactam	19000	U
106-47-8	4-Chloroaniline	3700	U
59-50-7	4-Chloro-3-methylphenol	3700	U
91-58-7	2-Chloronaphthalene	3700	U
95-57-8	2-Chlorophenol	3700	U
7005-72-3	4-Chlorophenyl phenyl ether	3700	U
86-74-8	Carbazole	3700	U
218-01-9	Chrysene	500	BJ
53-70-3	Dibenzo(a,h)anthracene	3700	U
132-64-9	Dibenzofuran	3700	U
84-74-2	Di-n-butyl phthalate	3700	U
91-94-1	3,3'-Dichlorobenzidine	18000	U
120-83-2	2,4-Dichlorophenol	3700	U
84-66-2	Diethyl phthalate	3700	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 30.10 (g/mL) G Lab File ID: V31168.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 12 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	3700	U
131-11-3	Dimethyl phthalate	3700	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
51-28-5	2,4-Dinitrophenol	19000	U
121-14-2	2,4-Dinitrotoluene	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U
117-84-0	Di-n-octyl phthalate	3700	U
206-44-0	Fluoranthene	430	J
86-73-7	Fluorene	3700	U
118-74-1	Hexachlorobenzene	3700	U
87-68-3	Hexachlorobutadiene	3700	U
77-47-4	Hexachlorocyclopentadiene	3700	U
67-72-1	Hexachloroethane	3700	U
193-39-5	Indeno(1,2,3-cd)pyrene	300	J
78-59-1	Isophorone	3700	U
91-57-6	2-Methylnaphthalene	3700	U
95-48-7	2-Methylphenol	3700	U
106-44-5	4-Methylphenol	3700	U
91-20-3	Naphthalene	78	J
88-74-4	2-Nitroaniline	19000	U
99-09-2	3-Nitroaniline	19000	U
100-01-6	4-Nitroaniline	19000	U
98-95-3	Nitrobenzene	3700	U
88-75-5	2-Nitrophenol	3700	U
100-02-7	4-Nitrophenol	19000	U
86-30-6	N-nitrosodiphenylamine	3700	U
621-64-7	N-Nitroso-Di-n-propylamine	3700	U
87-86-5	Pentachlorophenol	3700	U
85-01-8	Phenanthrene	280	J
108-95-2	Phenol	3700	U
129-00-0	Pyrene	610	J
95-95-4	2,4,5-Trichlorophenol	3700	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62903

Sample wt/vol: 30.10 (g/mL) G Lab File ID: V31168.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 12 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	3700	U

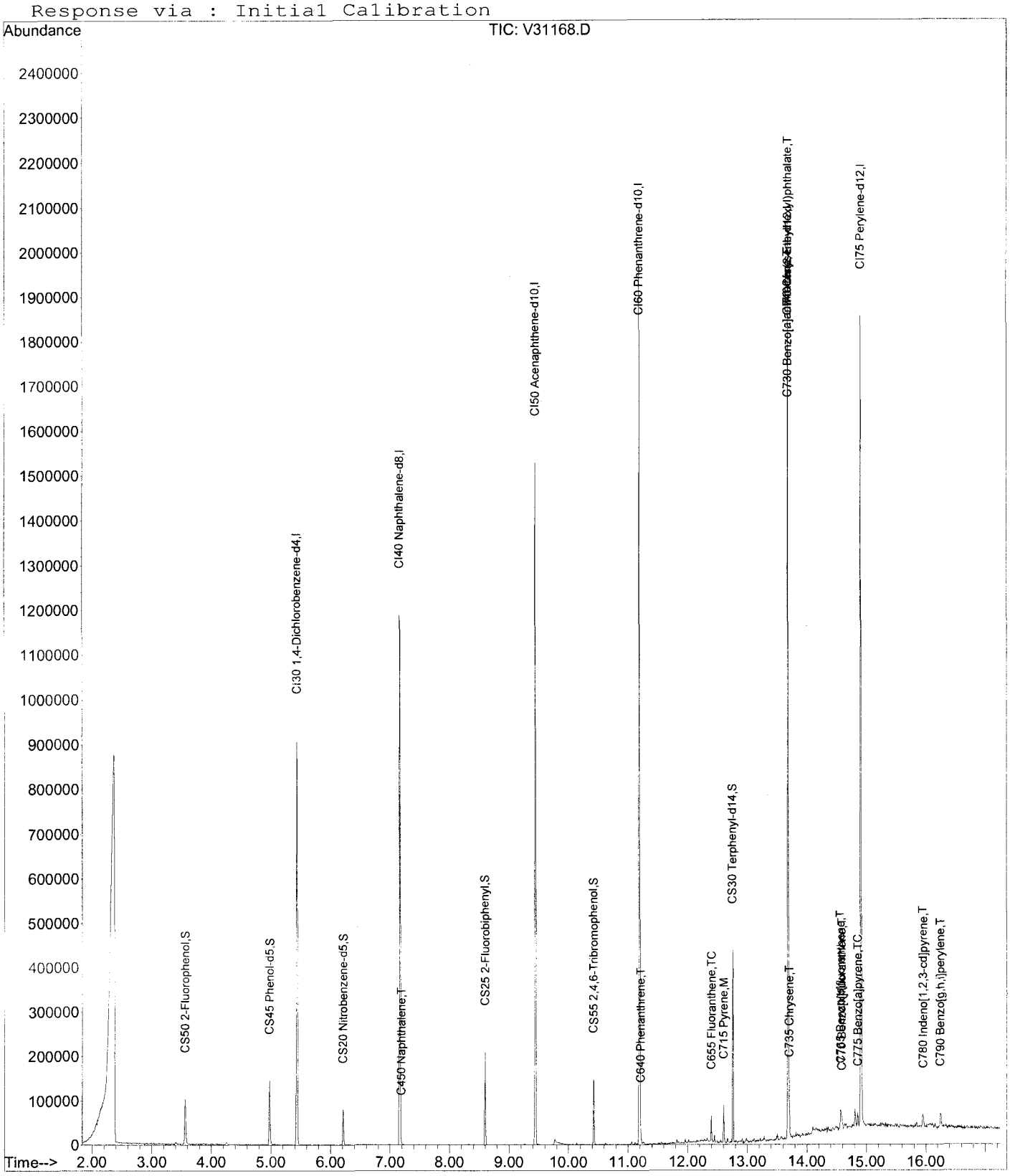
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:19 2008

Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:41 2008

Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	142077	40.00	ng	0.00 89.05%
20) CI40 Naphthalene-d8	7.17	136	547380	40.00	ng	0.00 99.11%
35) CI50 Acenaphthene-d10	9.44	164	322175	40.00	ng	0.00 101.51%
56) CI60 Phenanthrene-d10	11.19	188	683927	40.00	ng	0.00 104.28%
68) CI70 Chrysene-d12	13.68	240	612746	40.00	ng	0.00 101.43%
78) CI75 Perylene-d12	14.91	264	628209	40.00	ng	0.00 133.12%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.56	112	36703	6.85	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery =	4.57%#		
5) CS45 Phenol-d5	4.98	99	58258	8.48	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	5.65%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.21	82	30206	4.31	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	4.31%#		
39) CS25 2-Fluorobiphenyl	8.60	172	68508	5.66	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	5.66%#		
59) CS55 2,4,6-Tribromophenol	10.43	330	14371	10.14	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	6.76%#		
71) CS30 Terphenyl-d14	12.75	244	113159	8.15	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	8.15%#		
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.		
16) C355 2-Methylphenol	5.44	108	257	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:41 2008

Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29) C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30) C450 Naphthalene	7.19	128	3113	0.21 ng	70
31) C455 4-Chloroaniline	7.19	127	207	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D.	
42) C540 Acenaphthylene	9.27	152	1603	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45) C550 Acenaphthene	9.49	153	594	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	0.00	168	0	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	10.14	166	1417	N.D.	
52) C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53) C580 Diethylphthalate	0.00	149	0	N.D.	
54) C620 1,2 diphenylhydrazine	0.00	77	0	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.22	178	12804	0.76 ng	97
64) C645 Anthracene	11.27	178	2120	N.D.	
65) C647 carbazole	11.46	167	183	N.D.	
66) C650 Di-n-butylphthalate	11.83	149	166	N.D.	
67) C655 Fluoranthene	12.40	202	24700	1.15 ng	95
69) C715 Pyrene	12.61	202	33449	1.63 ng	85
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	13.19	149	377	N.D.	
73) C725 3,3'-Dichlorobenzidin	13.73	252	221	N.D.	
74) C730 Benzo[a]anthracene	13.67	228	17220	0.90 ng	84
75) C735 Chrysene	13.71	228	24986	1.33 ng	96
76) C740 bis(2-Ethylhexyl)phth	13.68	149	5326	0.44 ng	92
77) C760 Di-n-octylphthalate	14.17	149	1635	N.D.	
79) C765 Benzo[b]fluoranthene	14.57	252	25477m	1.10 ng	85
80) C770 Benzo[k]fluoranthene	14.59	252	5589m	0.26 ng	87
81) C775 Benzo[a]pyrene	14.85	252	10482	0.52 ng	98
82) C780 Indeno[1,2,3-cd]pyren	15.95	276	18044	0.79 ng	82
83) C785 Dibenz[a,h]anthracene	15.95	278	3838	N.D.	
84) C790 Benzo[g,h,i]perylene	16.25	276	20215	1.06 ng	97

MD 9/9/08

MD 9/12/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 09 14:38:59 2008

Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	142077	40.00	ng	-0.02 89.79%
4) CI40 Naphthalene-d8	7.17	136	547380	40.00	ng	-0.01 97.96%
7) CI50 Acenaphthene-d10	9.44	164	322175	40.00	ng	-0.01 99.91%
10) CI60 Phenanthrene-d10	11.19	188	683927	40.00	ng	-0.01 107.86%
12) CI70 Chrysene-d12	13.68	240	612746	40.00	ng	0.00 90.29%
13) CI75 Perylene-d12	14.91	264	628209	40.00	ng	-0.01 115.67%

Target Compounds						Qvalue
2) ~~E600 Benzaldehyde~~	5.44	77	10368	1.93	ng	# 1
3) E145 Acetophenone	5.52	105	259	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.44	154	682	N.D.		
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

9/22/08

(#) = qualifier out of range (m) = manual integration

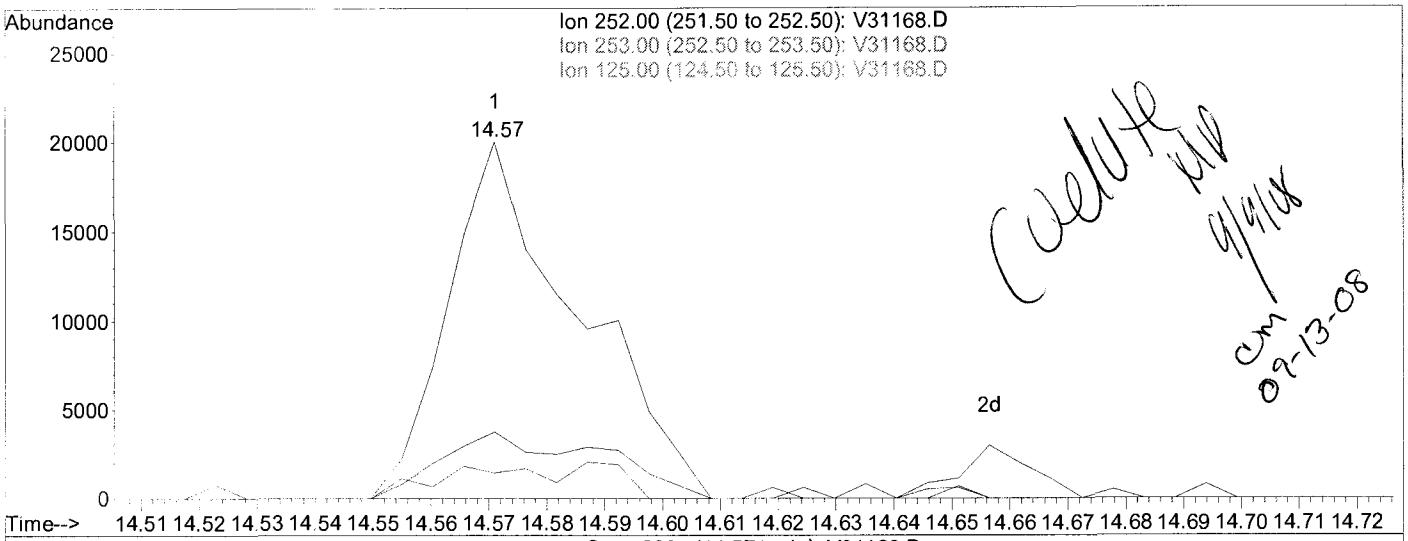
Quantitation Report (Qedit)

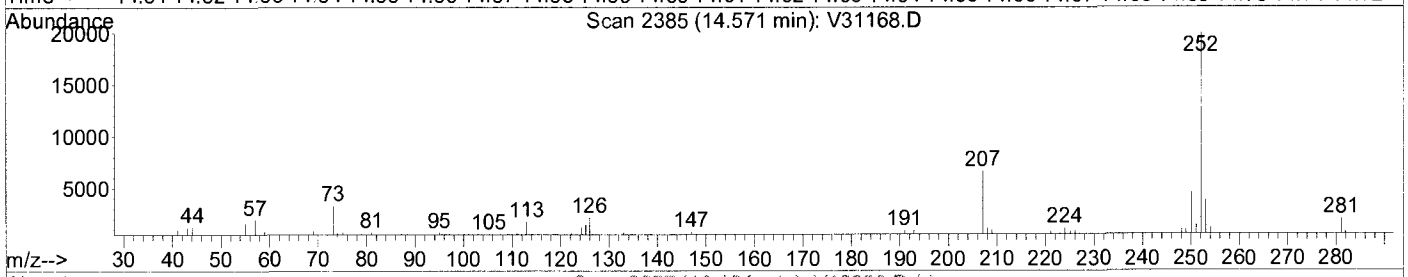
Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 8 6:59 2008

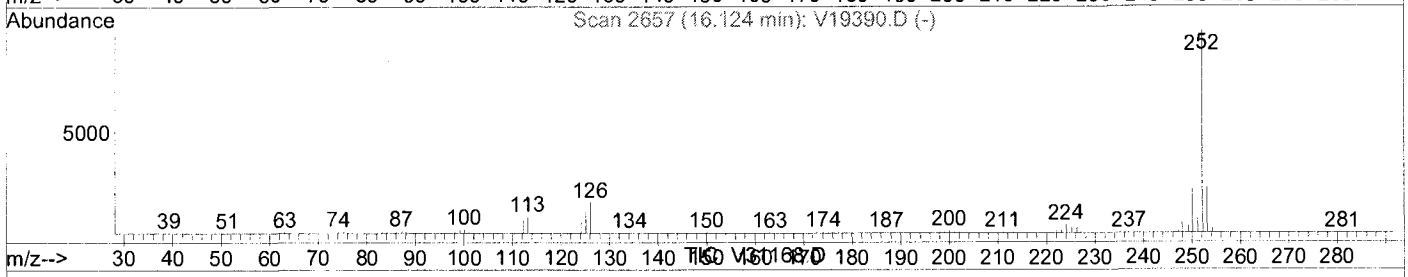
Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.57min 1.34ng

response 31071

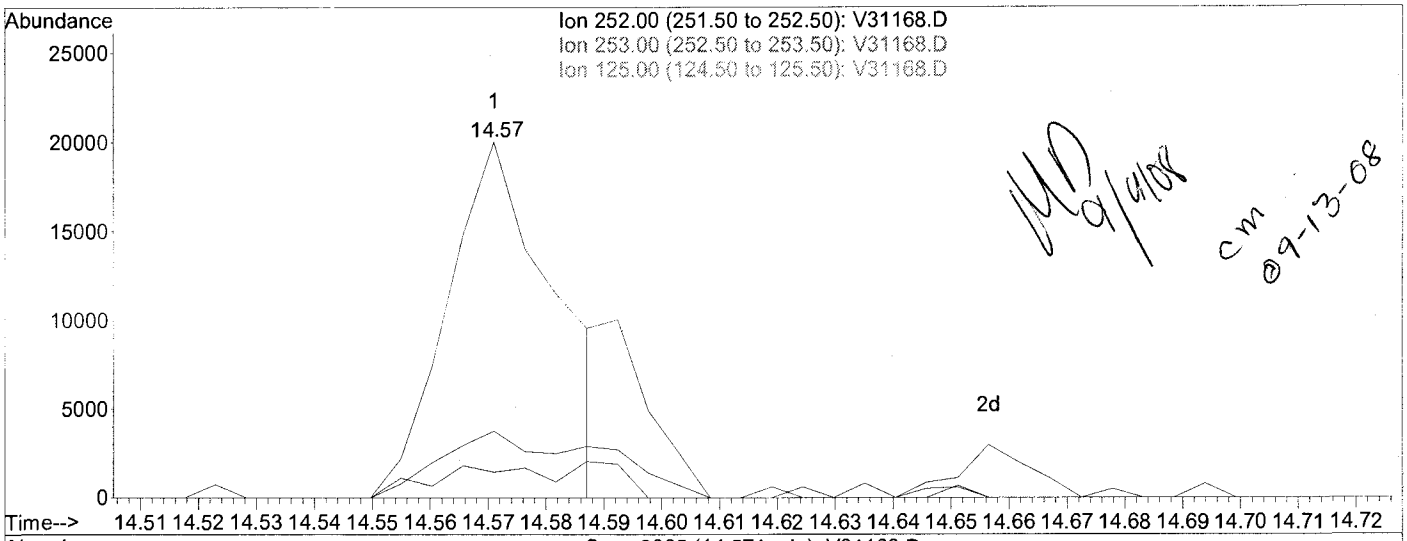
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	18.78
125.00	17.90	7.25
0.00	0.00	0.00

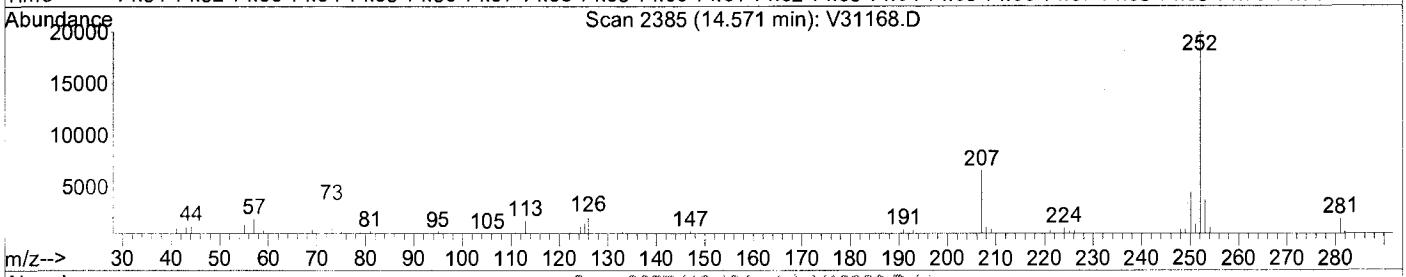
Quantitation Report (Qedit)

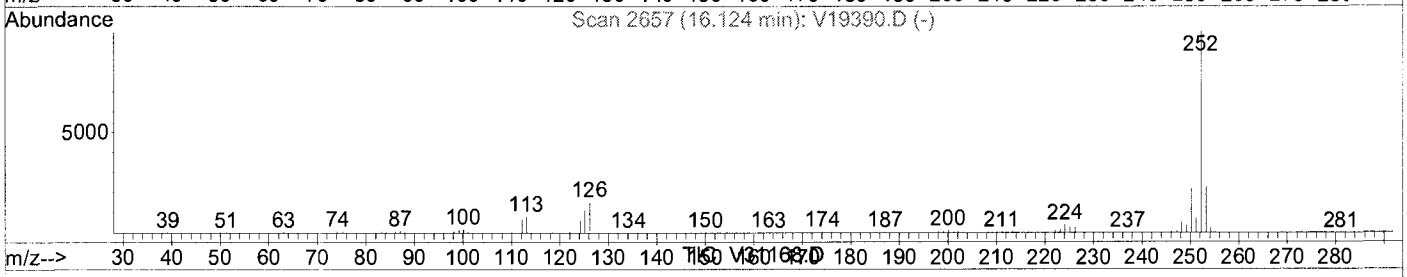
Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:19 2008

Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.57min 1.10ng m

response 25477

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	18.78
125.00	17.90	7.25
0.00	0.00	0.00

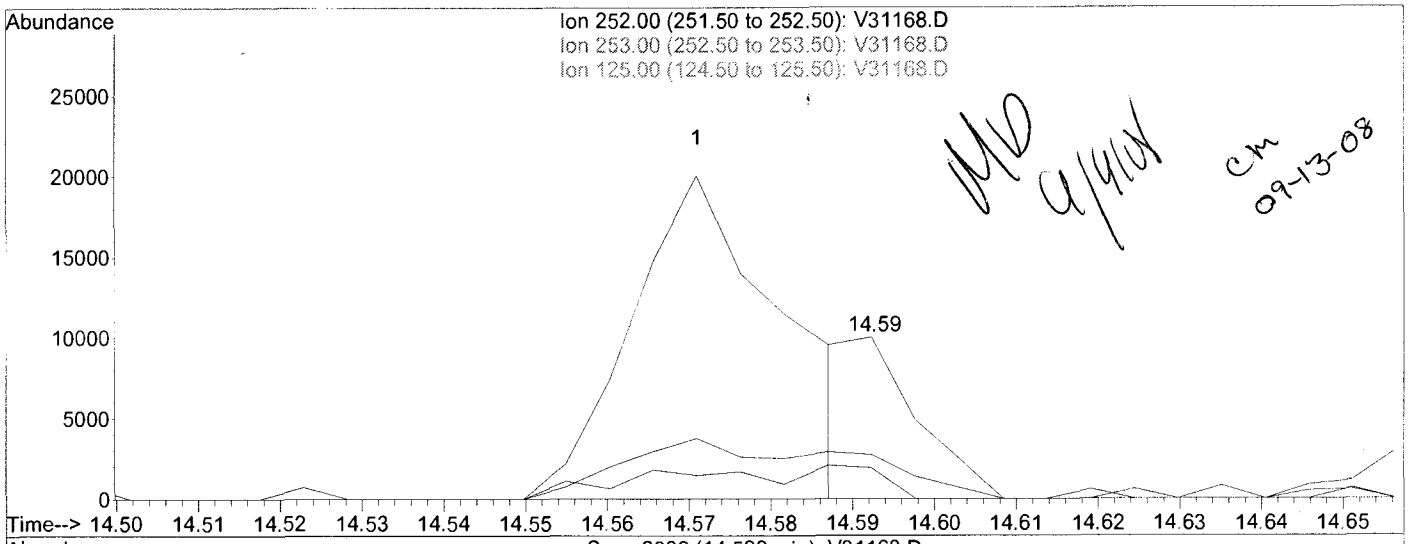
Quantitation Report (Qedit)

Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:19 2008

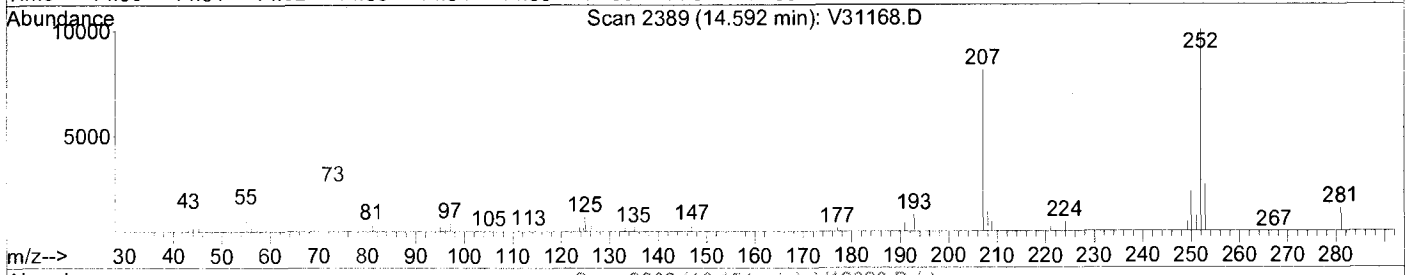
Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00

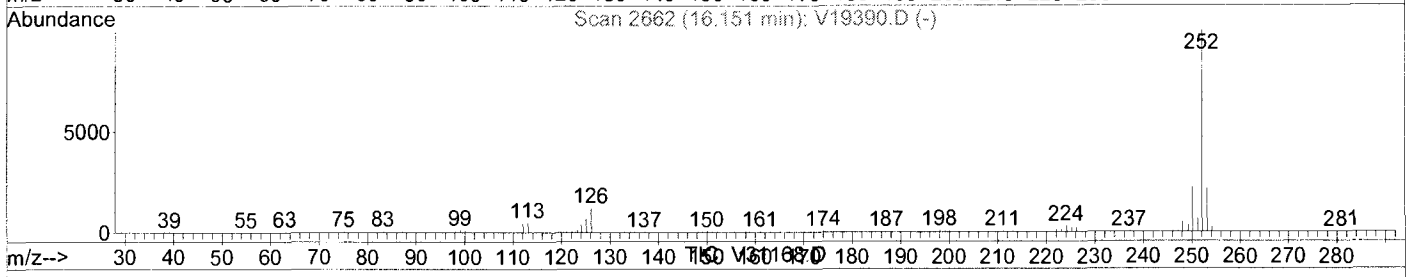
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration



MD 9/9/08 CM 09-13-08



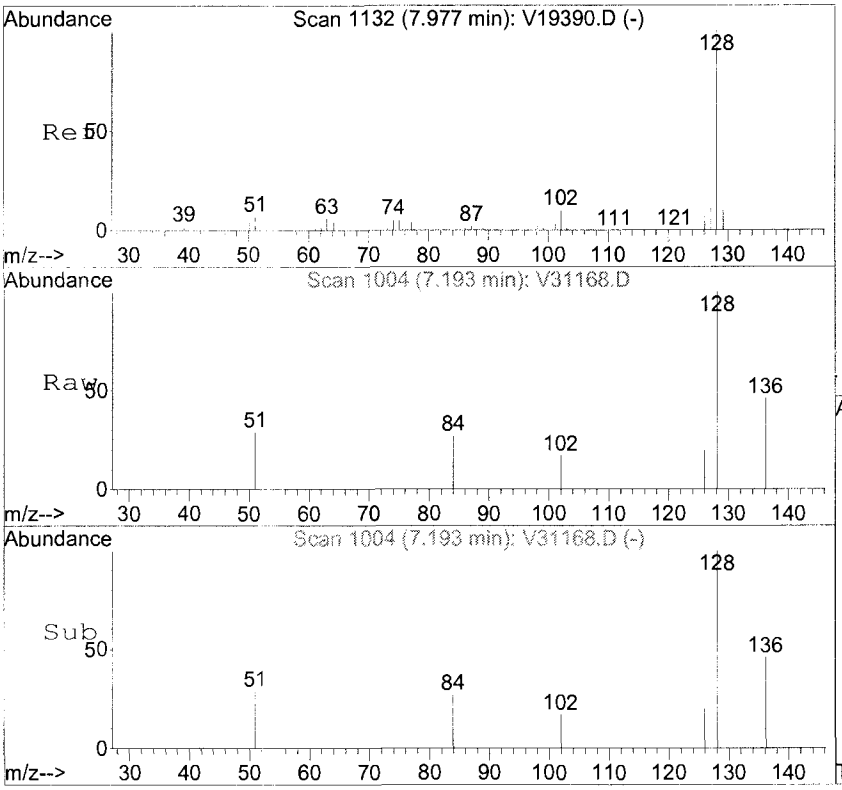


(80) C770 Benzo[k]fluoranthene (T)

14.59min 0.26ng m

response 5589

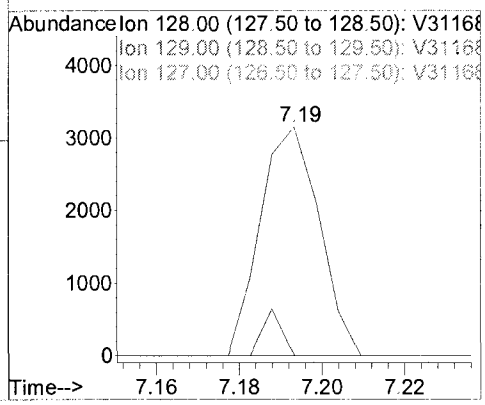
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.11
125.00	16.20	12.12
0.00	0.00	0.00

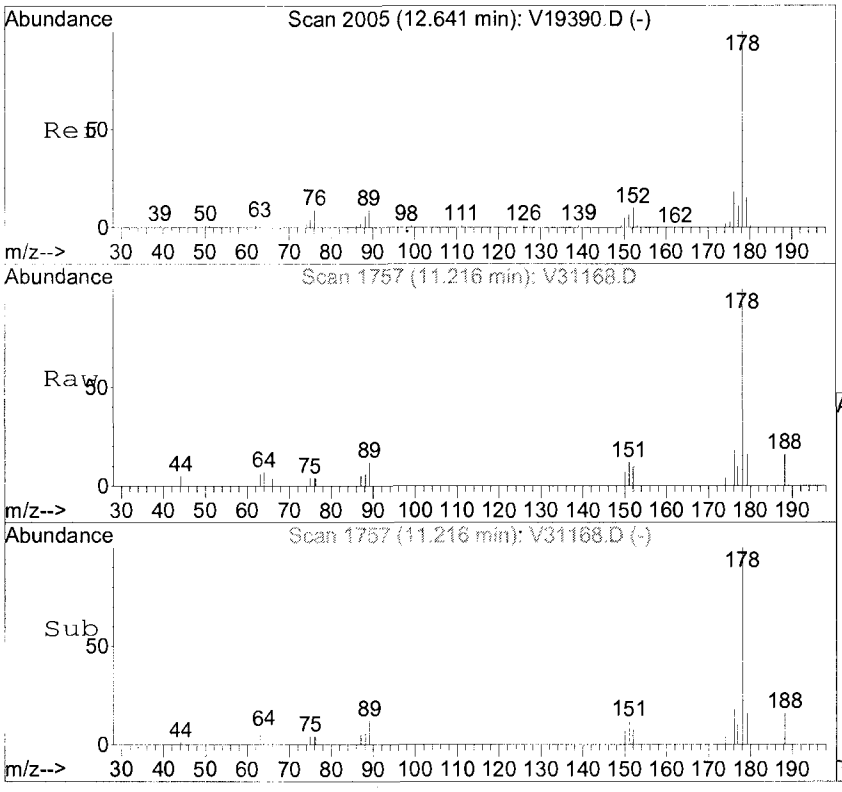


#30
C450 Naphthalene
Concen: 0.21 ng
RT: 7.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:128 Resp: 3113

Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	30.6
127	0.0	0.0	32.0

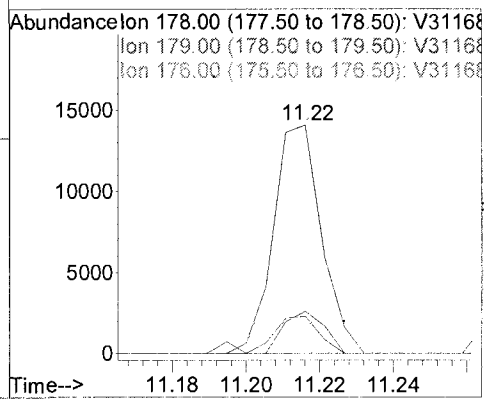


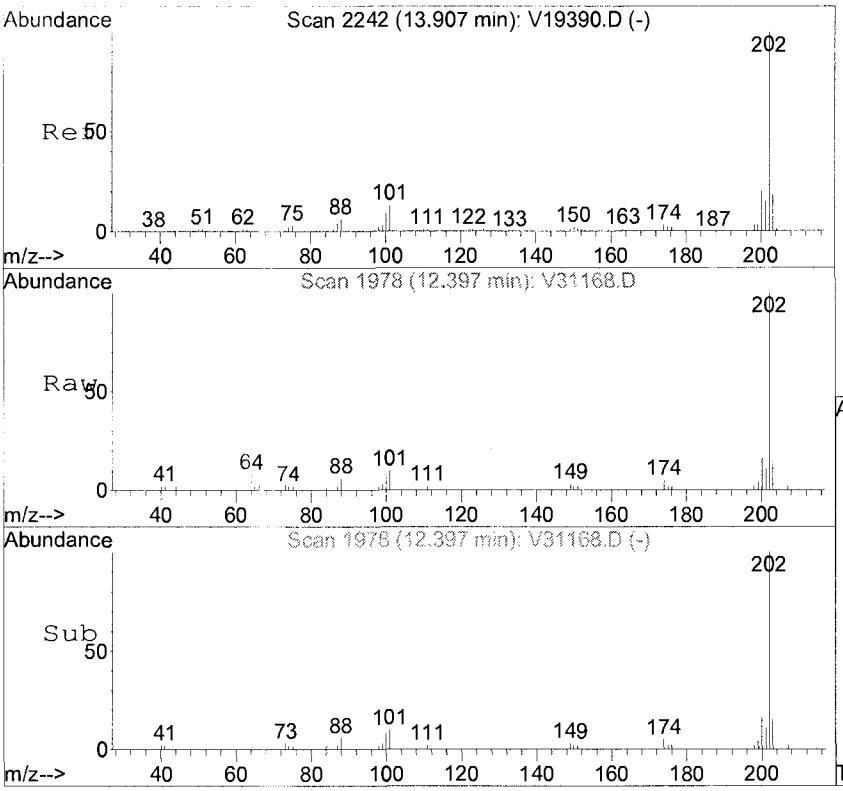


#63
C640 Phenanthrene
Concen: 0.76 ng
RT: 11.22 min Scan# 1757
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:178 Resp: 12804

Ion	Ratio	Lower	Upper
178	100		
179	16.3	0.0	34.2
176	18.4	0.0	38.0

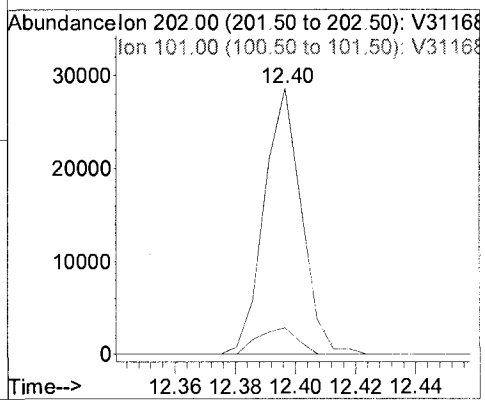


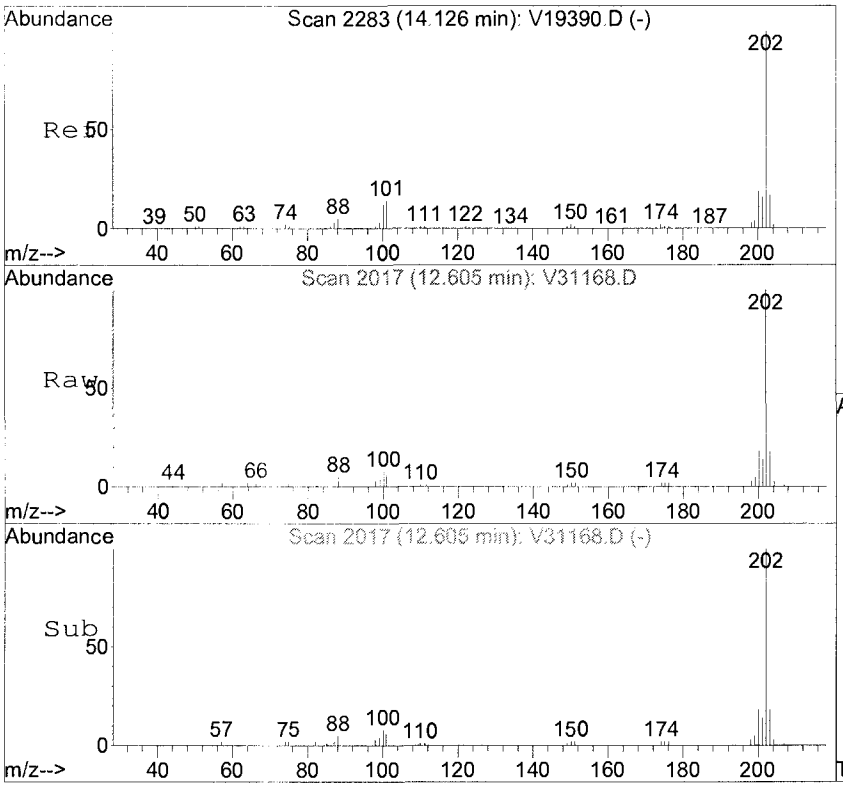


#67
C655 Fluoranthene
Concen: 1.15 ng
RT: 12.40 min Scan# 1978
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:202 Resp: 24700

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.9

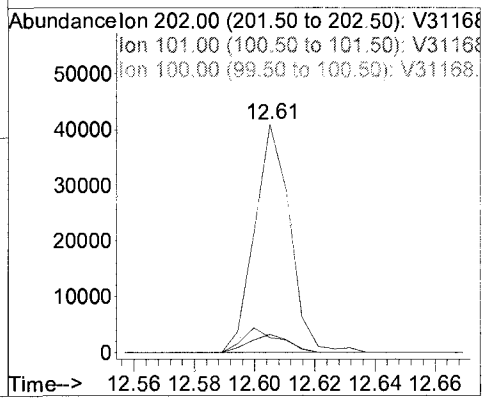


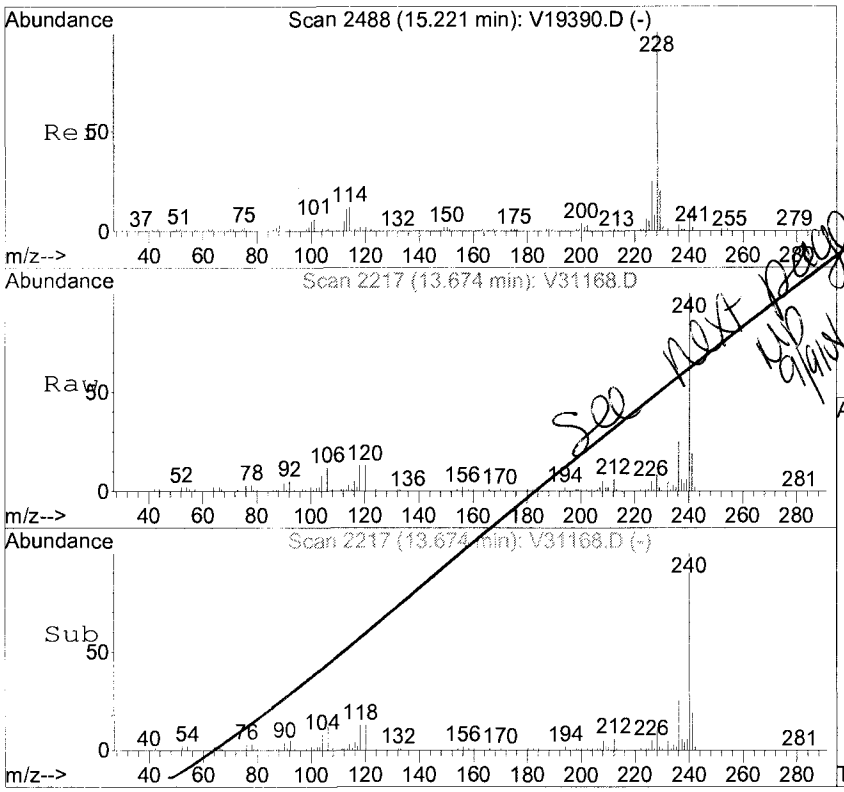


#69
C715 Pyrene
Concen: 1.63 ng
RT: 12.61 min Scan# 2017
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:202 Resp: 33449

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	34.7
100	7.9	0.0	31.3

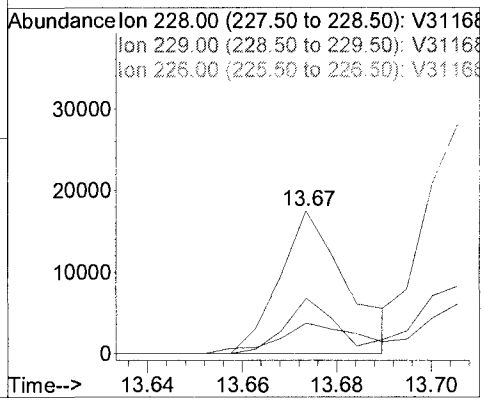


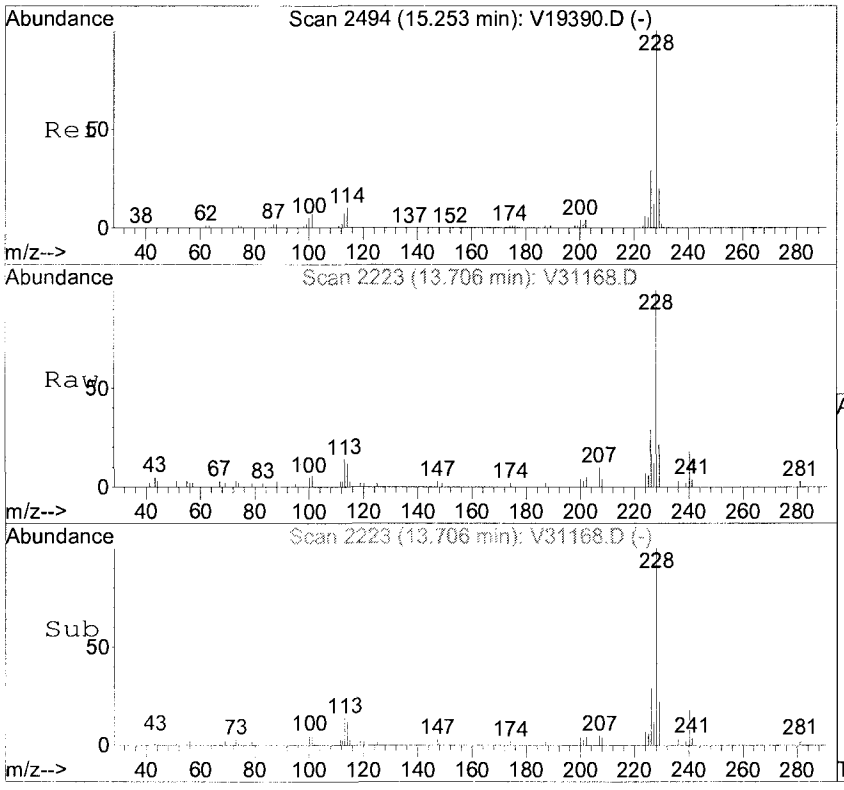


#74
C730 Benzo[a]anthracene
Concen: 0.90 ng
RT: 13.67 min Scan# 2217
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:228 Resp: 17220

Ion	Ratio	Lower	Upper
228	100		
229	21.2	0.0	39.5
226	38.6	5.6	45.6

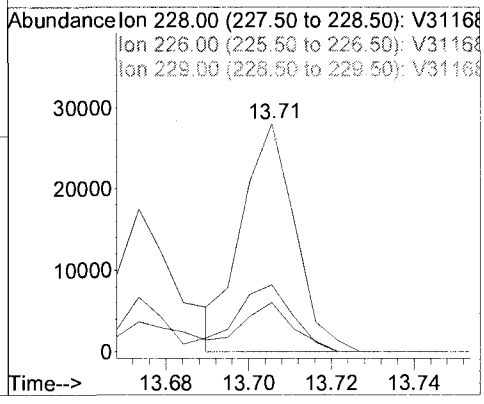




#75
C735 Chrysene
Concen: 1.33 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:228 Resp: 24986

Ion	Ratio	Lower	Upper
228	100		
226	29.3	7.8	47.8
229	21.6	0.0	39.2

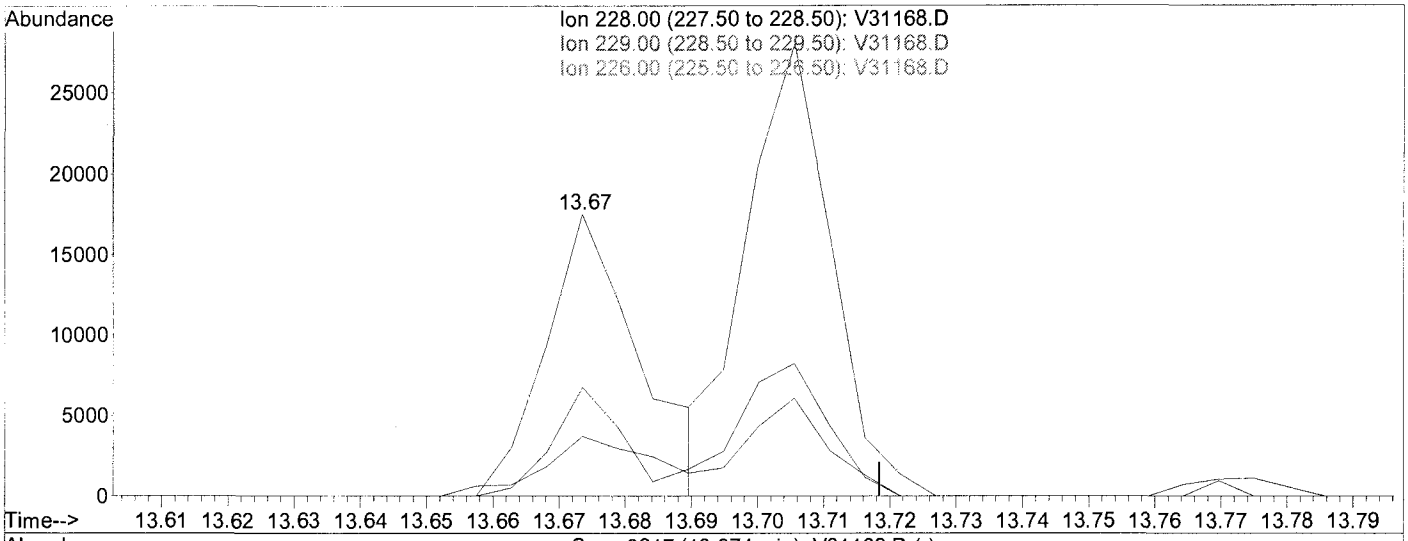


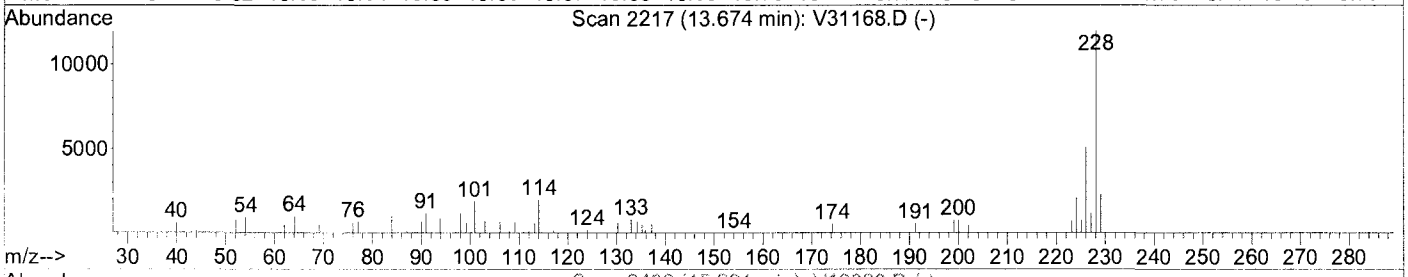
Quantitation Report (Qedit)

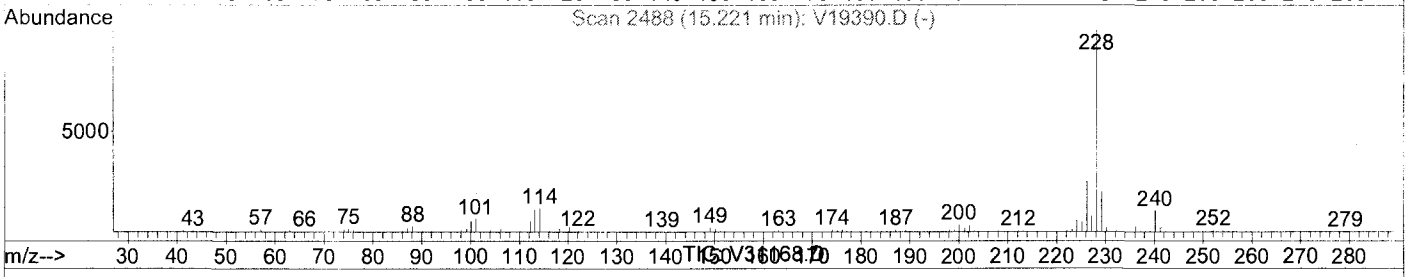
Data File : D:\DATA\090508\V31168.D
Acq On : 5 Sep 2008 20:12
Sample : A8A62903 DF10 AS80011343
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:19 2008

Vial: 16
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration





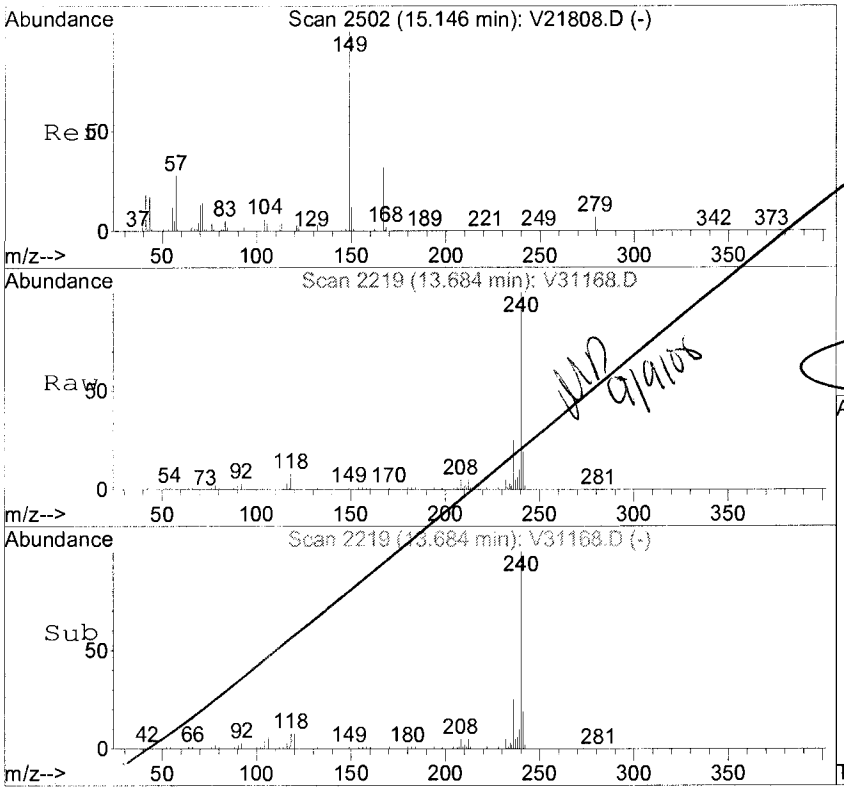


(74) C730 Benzo[a]anthracene (T)

13.67min 0.90ng

response 17220

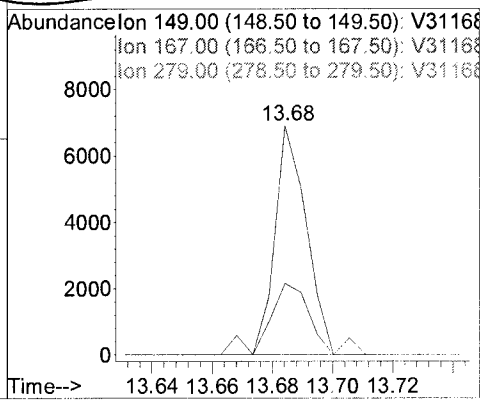
Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.18
226.00	25.60	38.57
0.00	0.00	0.00

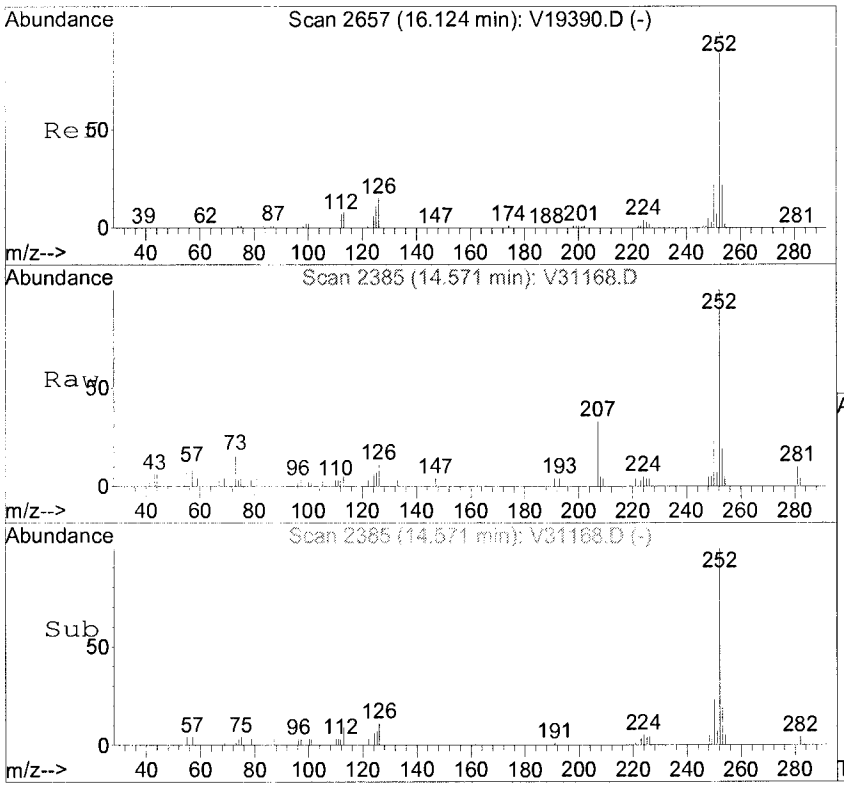


#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.44 ng
RT: 13.68 min Scan# 2219
Delta R.T. -0.01 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:149 Resp: 5326

Ion	Ratio	Lower	Upper
149	100		
167	31.2	8.3	48.3
279	0.0	0.0	26.1

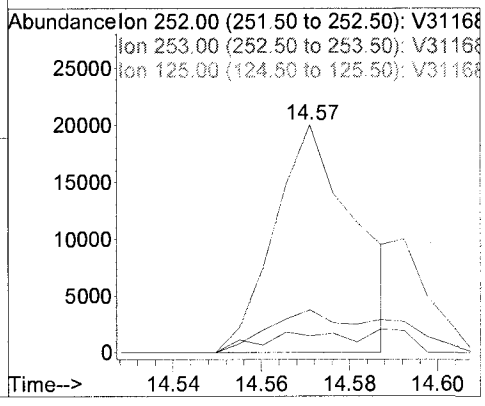


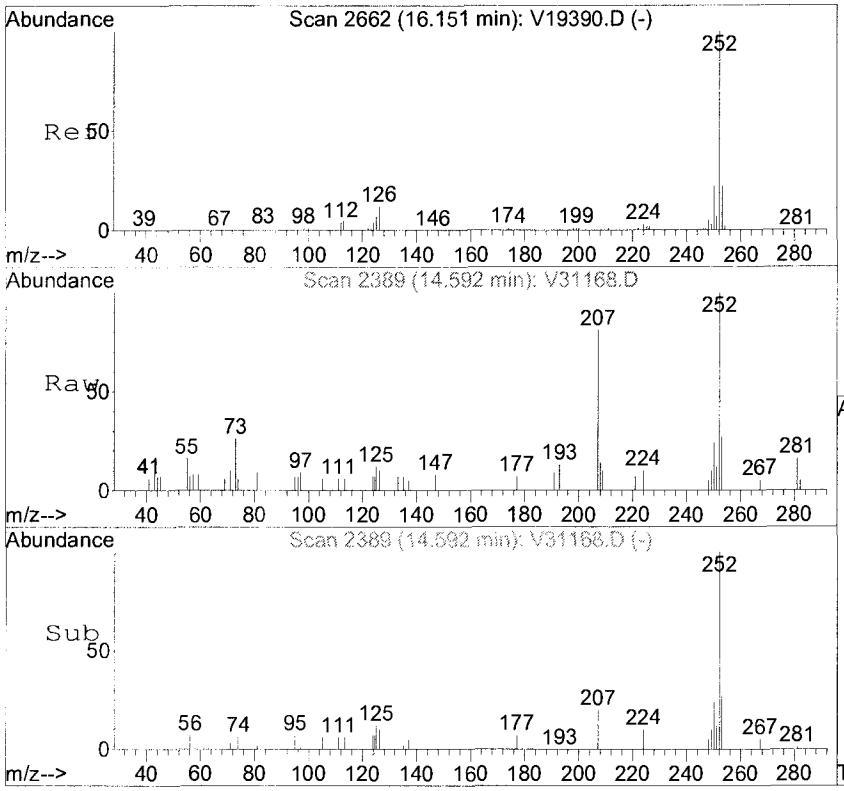


#79
C765 Benzo[b]fluoranthene
Concen: 1.10 ng m
RT: 14.57 min Scan# 2385
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:252 Resp: 25477

Ion	Ratio	Lower	Upper
252	100		
253	18.8	2.3	42.3
125	7.2	0.0	37.9

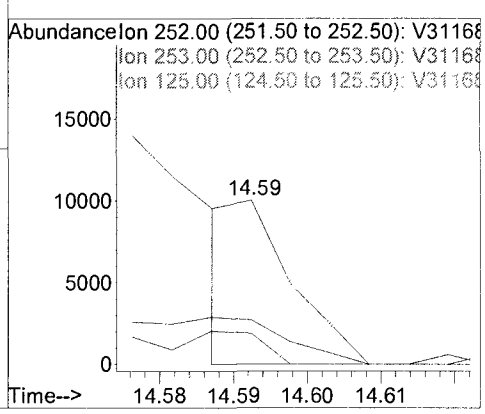


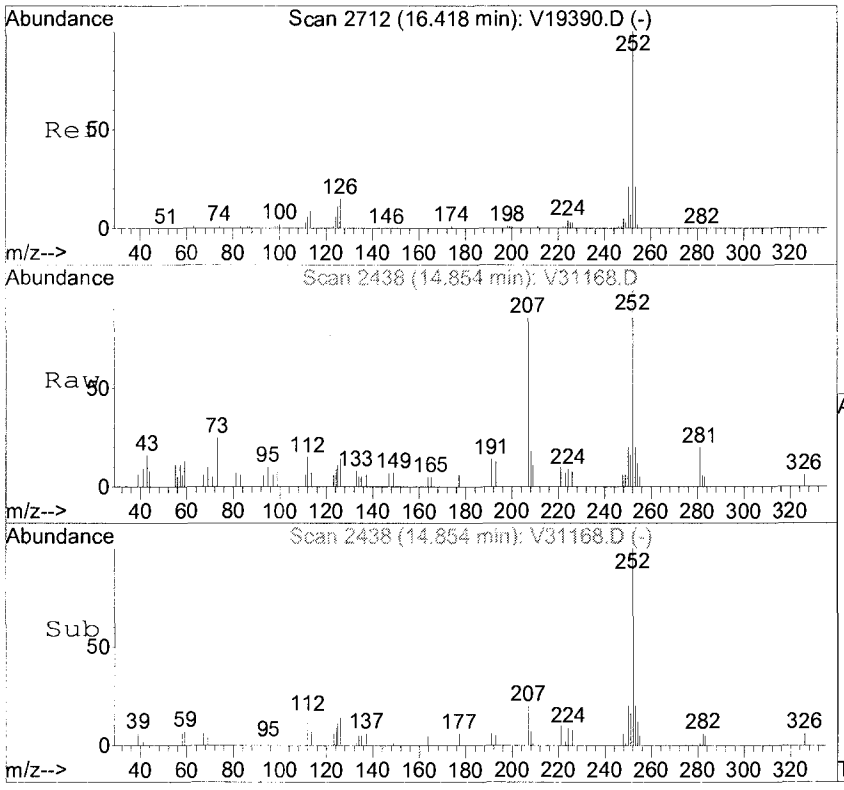


#80
C770 Benzo[k]fluoranthene
Concen: 0.26 ng m
RT: 14.59 min Scan# 2389
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:252 Resp: 5589

Ion	Ratio	Lower	Upper
252	100		
253	27.1	2.6	42.6
125	12.1	0.0	36.2

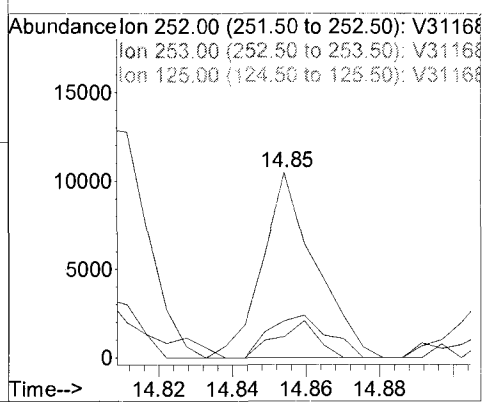


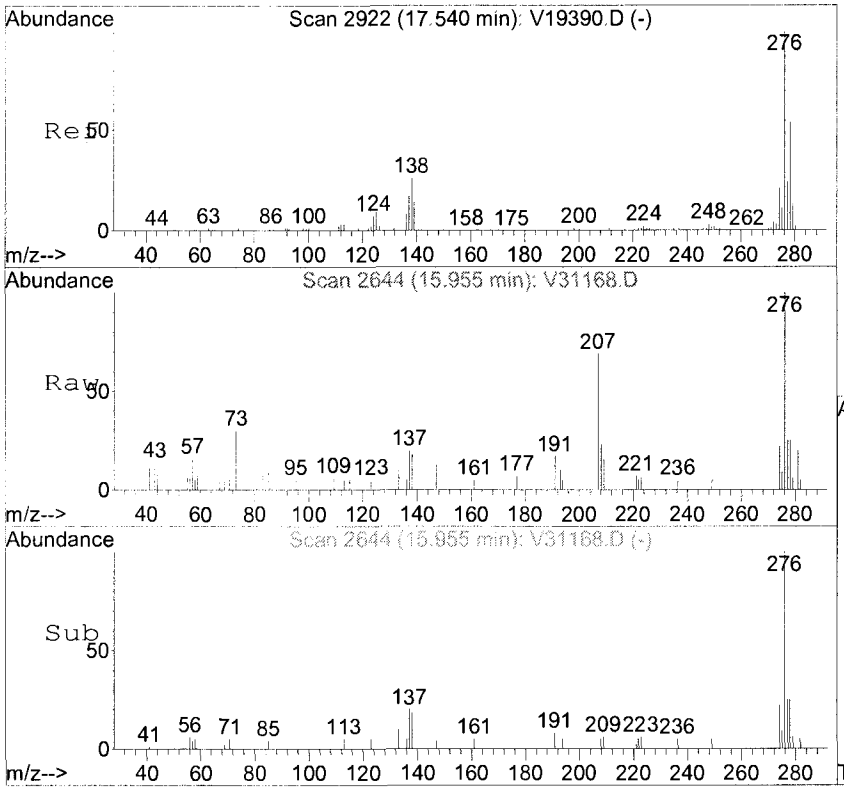


#81
C775 Benzo[a]pyrene
Concen: 0.52 ng
RT: 14.85 min Scan# 2438
Delta R.T. -0.01 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:252 Resp: 10482

Ion	Ratio	Lower	Upper
252	100		
253	19.7	1.0	41.0
125	11.3	0.0	30.8

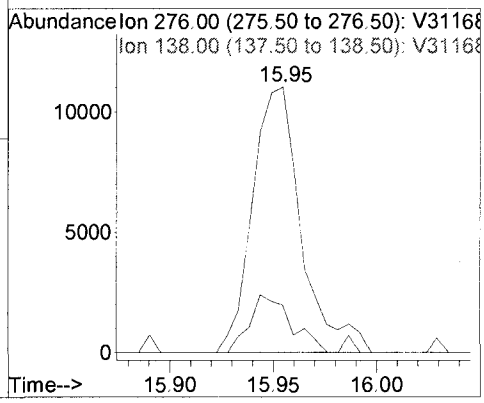


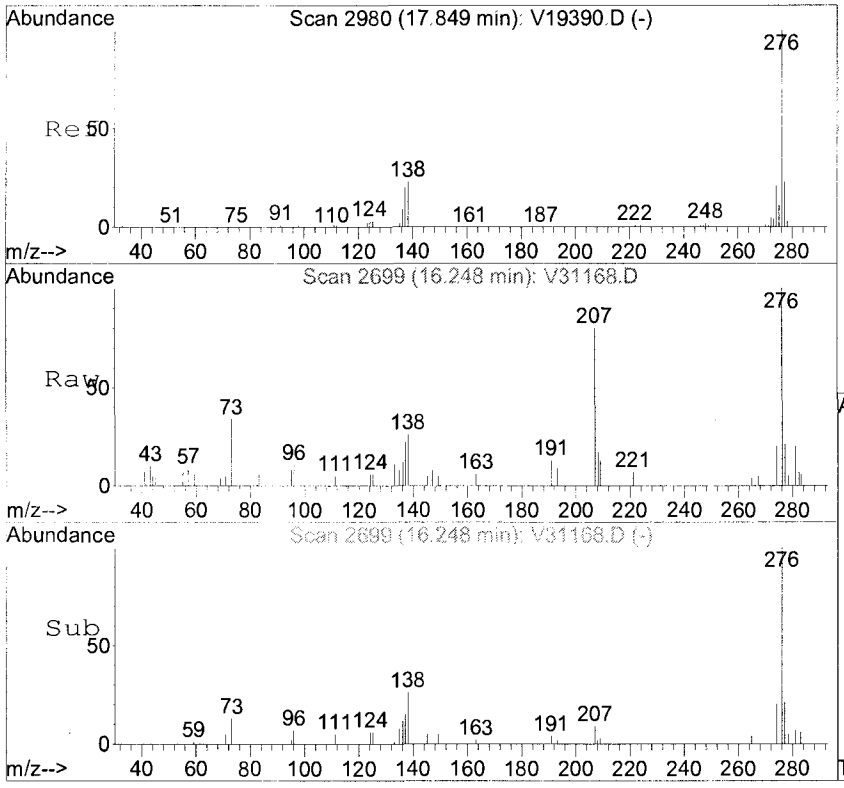


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 0.79 ng
RT: 15.95 min Scan# 2644
Delta R.T. 0.00 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:276 Resp: 18044

Ion	Ratio	Lower	Upper
276	100		
138	18.0	7.1	47.1

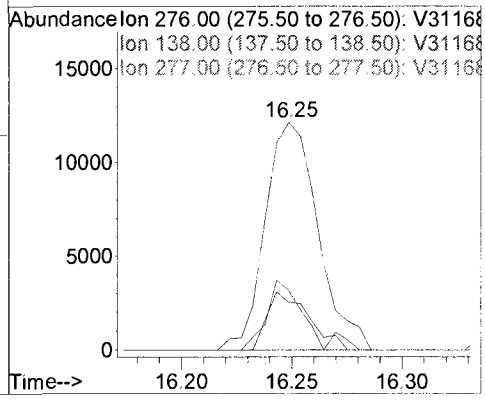




#84
C790 Benzo[g,h,i]perylene
Concen: 1.06 ng
RT: 16.25 min Scan# 2699
Delta R.T. -0.01 min
Lab File: V31168.D
Acq: 5 Sep 2008 20:12

Tgt Ion:276 Resp: 20215

Ion	Ratio	Lower	Upper
276	100		
138	26.0	4.9	44.9
277	20.9	3.1	43.1



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 30.41 (g/mL) G Lab File ID: V31169.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	23	J
205-99-2	Benzo(b)fluoranthene	20	J
207-08-9	Benzo(k)fluoranthene	10	J
191-24-2	Benzo(ghi)perylene	20	J
50-32-8	Benzo(a)pyrene	25	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	36	BJ
53-70-3	Dibenzo(a,h)anthracene	8	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 30.41 (g/mL) G Lab File ID: V31169.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	20	J
86-73-7	Fluorene	390	U
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	18	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	9	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	17	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	20	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A62904

Sample wt/vol: 30.41 (g/mL) G Lab File ID: V31169.RR

Level: (low/med) LOW Date Samp/Recv: 08/28/2008 08/29/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

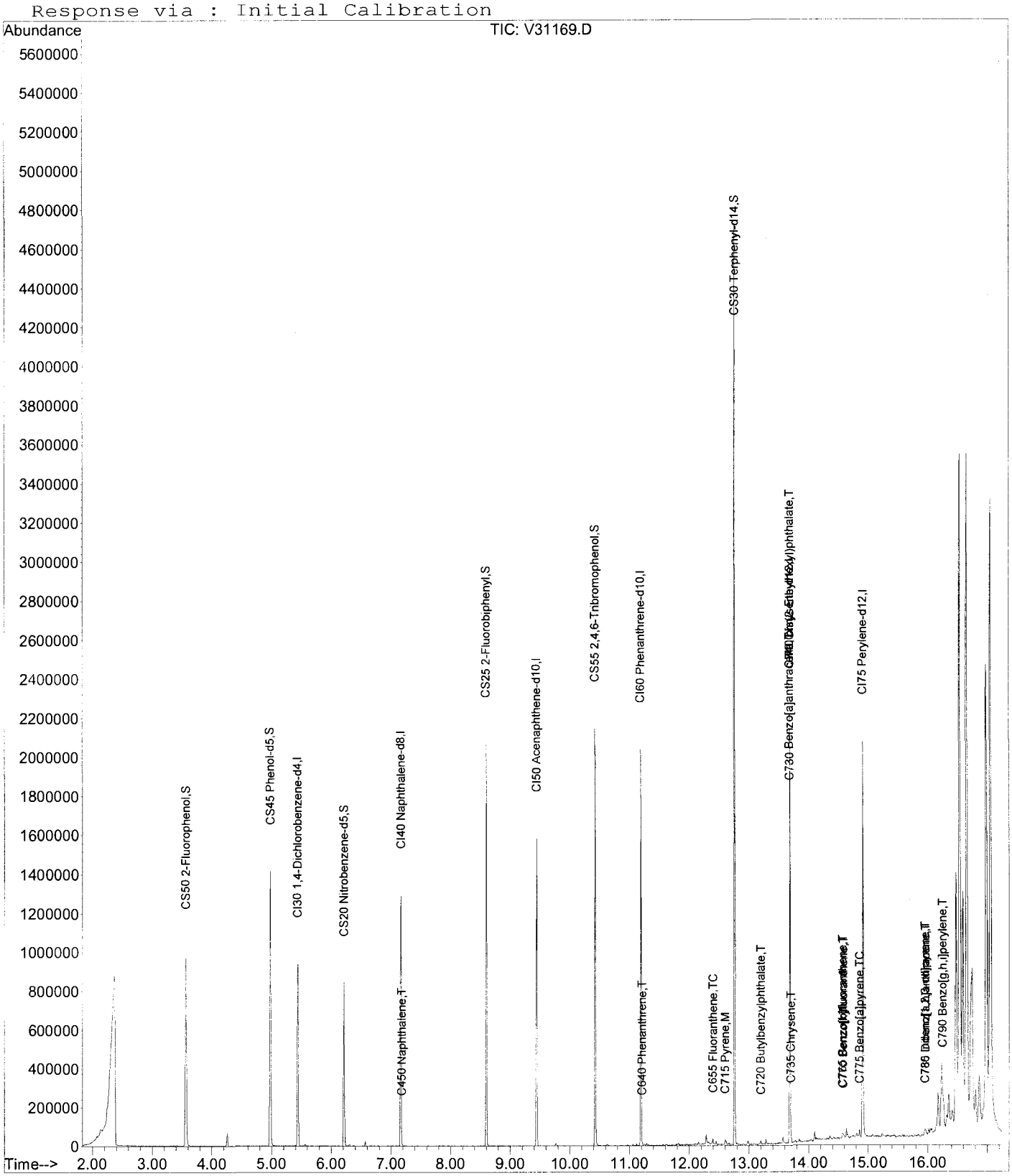
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:20 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:42 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	153980	40.00	ng	0.00 96.51%
20) CI40 Naphthalene-d8	7.17	136	577258	40.00	ng	0.00 104.52%
35) CI50 Acenaphthene-d10	9.44	164	335407	40.00	ng	0.00 105.67%
56) CI60 Phenanthrene-d10	11.19	188	712573	40.00	ng	0.00 108.65%
68) CI70 Chrysene-d12	13.68	240	652621	40.00	ng	0.00 108.03%
78) CI75 Perylene-d12	14.91	264	697847	40.00	ng	0.00 147.88%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.57	112	331558	57.14	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 38.09%			
5) CS45 Phenol-d5	4.98	99	516758	69.37	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 46.25%			
6) CS70 2-chlorophenol-d4	5.04	132	214	0.04	ng	-0.09
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.21	82	297611	40.25	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 40.25%			
39) CS25 2-Fluorobiphenyl	8.60	172	608846	48.36	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 48.36%			
59) CS55 2,4,6-Tribromophenol	10.43	330	196359	132.96	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 88.64%			
71) CS30 Terphenyl-d14	12.76	244	1167349	78.98	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 78.98%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	1.87	74	168	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	0.00	94	0	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.
16) C355 2-Methylphenol	5.44	108	484	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.22	77	1427	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 08 06:59:42 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.19	128	3432	0.22 ng	70
31)	C455 4-Chloroaniline	7.19	127	270	N.D.	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	8.99	162	354	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D.	
42)	C540 Acenaphthylene	9.27	152	748	N.D.	
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	0.00	153	0	N.D.	
46)	C545 3-Nitroaniline	8.59	138	373	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	0.00	168	0	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D.	
51)	C590 Fluorene	10.14	166	433	N.D.	
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	0.00	149	0	N.D.	
54)	C620 1,2 diphenylhydrazine	10.43	77	1823	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.22	178	7481	0.43 ng	89
64)	C645 Anthracene	11.27	178	1262	N.D.	
65)	C647 carbazole	11.46	167	788	N.D.	
66)	C650 Di-n-butylphthalate	11.82	149	1536	N.D.	
67)	C655 Fluoranthene	12.40	202	11193	0.50 ng	94
69)	C715 Pyrene	12.60	202	10850	0.50 ng	89
70)	C710 benzidine	0.00	184	0	N.D.	
72)	C720 Butylbenzylphthalate	13.20	149	3733	0.40 ng	89
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.	
74)	C730 Benzo[a]anthracene	13.67	228	11906	0.59 ng	91
75)	C735 Chrysene	13.71	228	18246	0.91 ng	94
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	10052	0.78 ng	95
77)	C760 Di-n-octylphthalate	14.68	149	2392	N.D.	
79)	C765 Benzo[b]fluoranthene	14.57	252	13133m	0.51 ng	93
80)	C770 Benzo[k]fluoranthene	14.59	252	6115m	0.26 ng	95
81)	C775 Benzo[a]pyrene	14.85	252	14268	0.64 ng	92
82)	C780 Indeno[1,2,3-cd]pyren	15.95	276	11434	0.45 ng	76
83)	C785 Dibenz[a,h]anthracene	15.96	278	4626	0.21 ng	69
84)	C790 Benzo[g,h,i]perylene	16.25	276	10671	0.50 ng	83

MD 9/9/08

9/12/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 09 14:39:00 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	153980	40.00	ng	-0.01 97.31%
4) CI40 Naphthalene-d8	7.17	136	577258	40.00	ng	-0.01 103.30%
7) CI50 Acenaphthene-d10	9.44	164	335407	40.00	ng	-0.01 104.01%
10) CI60 Phenanthrene-d10	11.19	188	712573	40.00	ng	-0.01 112.38%
12) CI70 Chrysene-d12	13.68	240	652621	40.00	ng	0.00 96.17%
13) CI75 Perylene-d12	14.91	264	697847	40.00	ng	-0.01 128.49%

Target Compounds					Qvalue
2) E600 Benzaldehyde	4.98	77	628	N.D.	
3) E145 Acetophenone	0.00	105	0	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.73	154	944	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

9/23/08

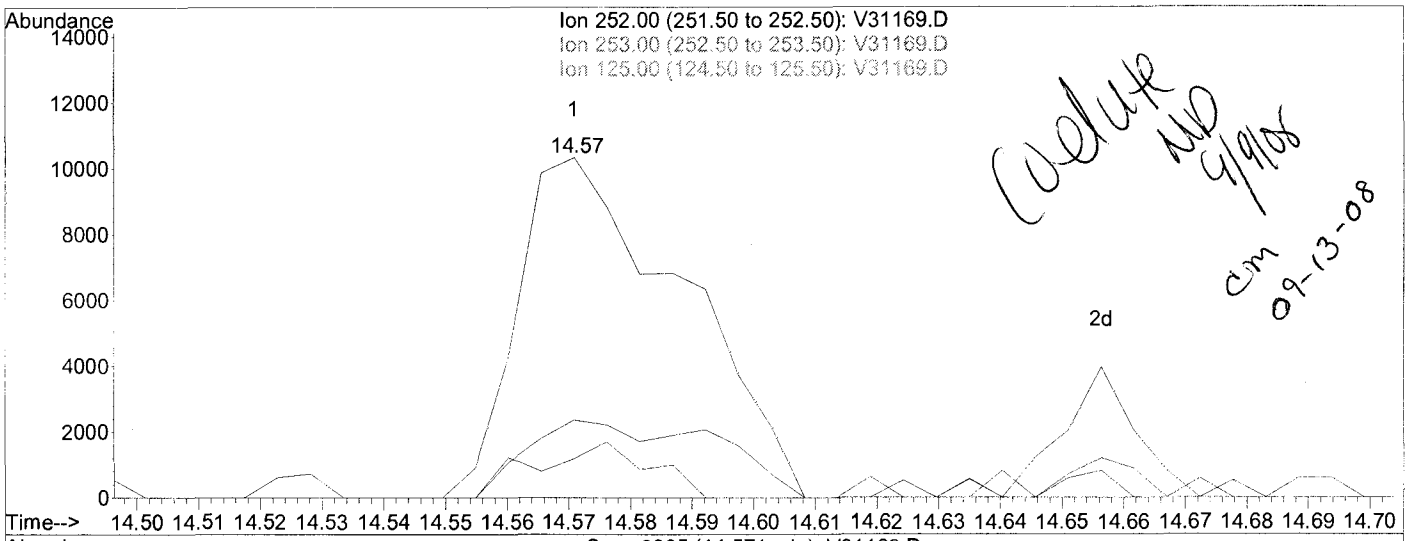
(#) = qualifier out of range (m) = manual integration

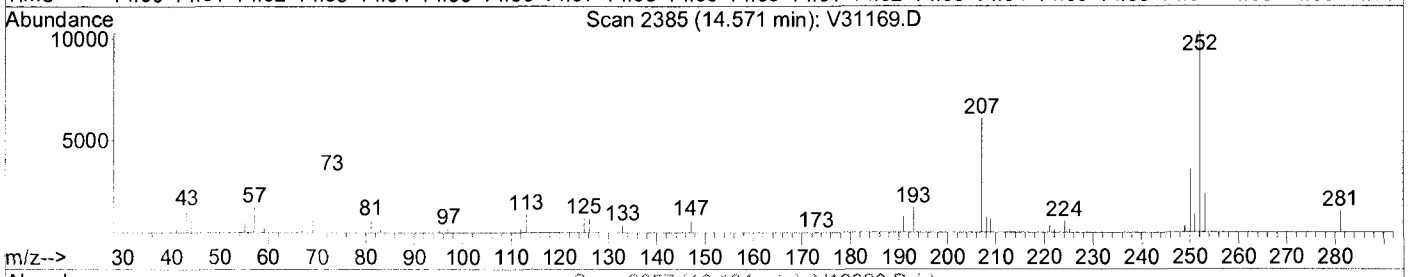
Quantitation Report (Qedit)

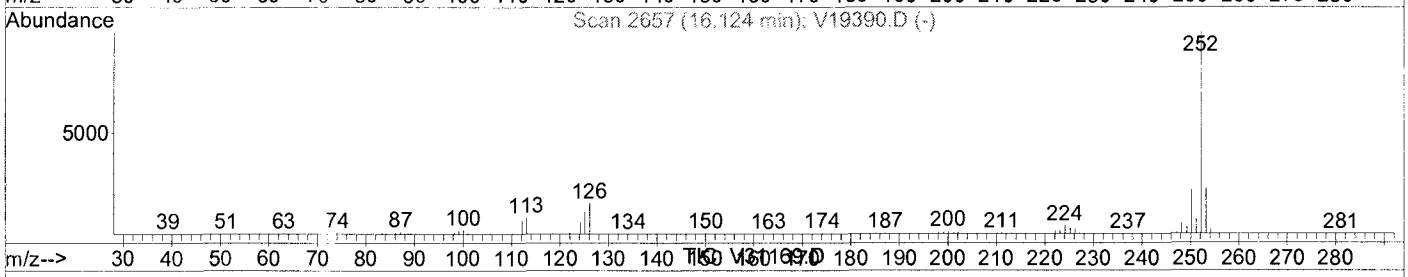
Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 8 6:59 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.57min 0.75ng

response 19251

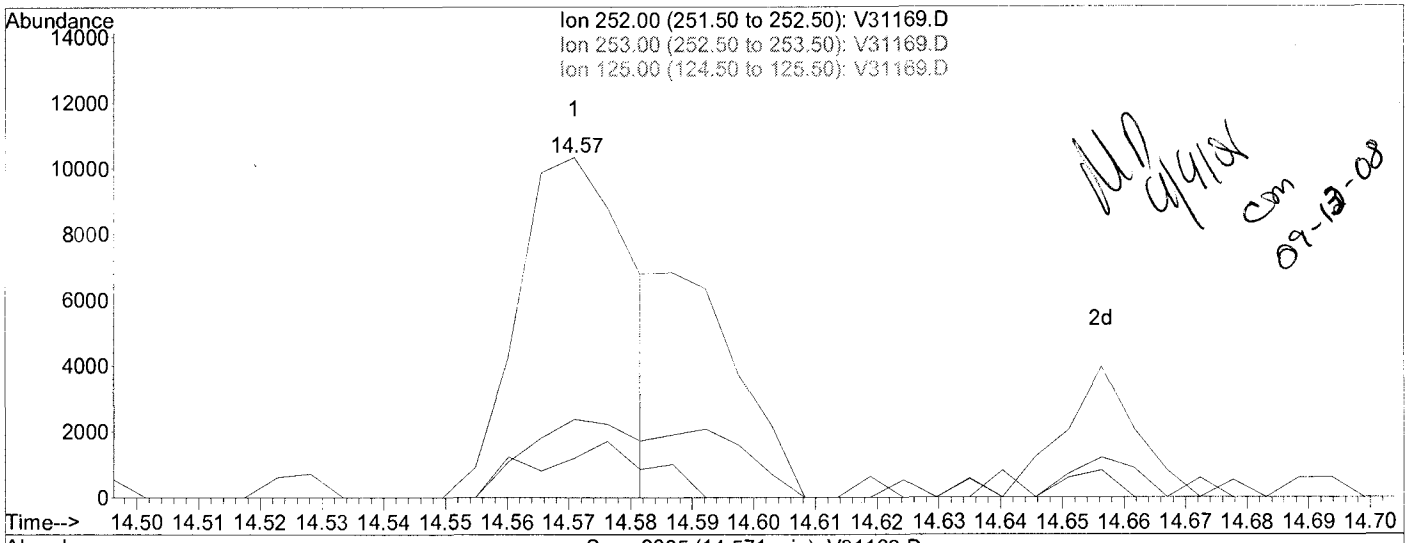
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.94
125.00	17.90	11.55
0.00	0.00	0.00

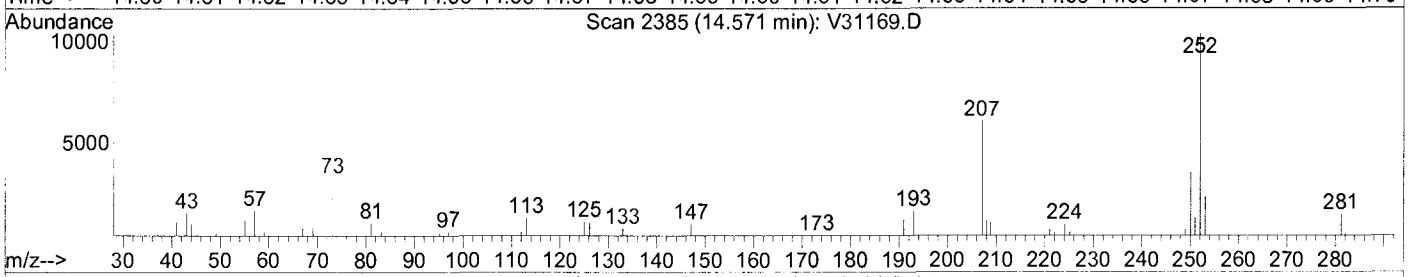
Quantitation Report (Qedit)

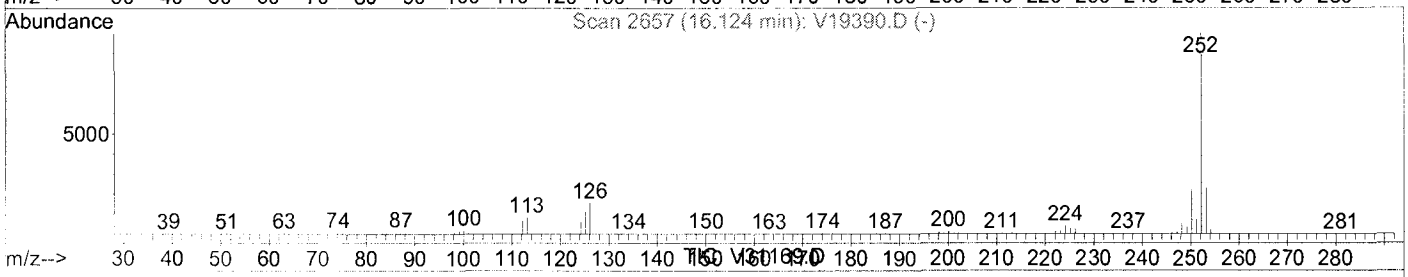
Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:20 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.57min 0.51ng m

response 13133

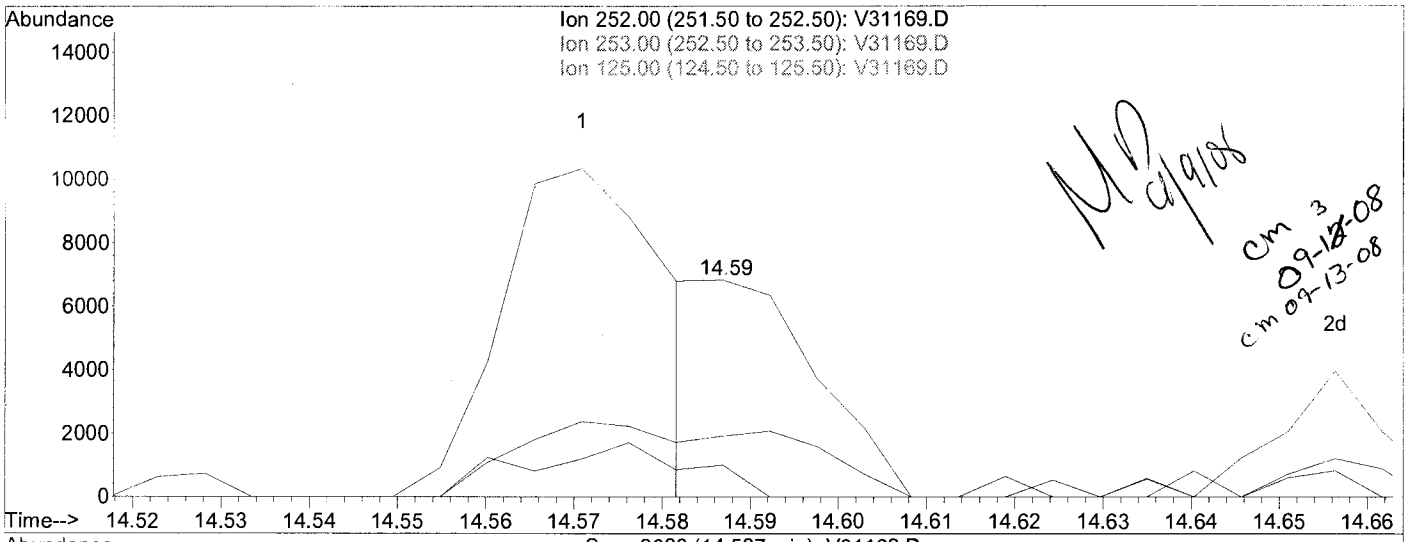
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.94
125.00	17.90	11.55
0.00	0.00	0.00

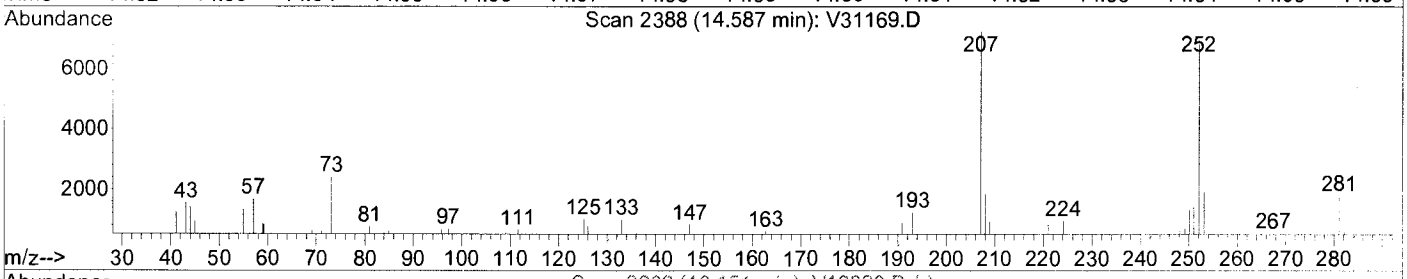
Quantitation Report (Qedit)

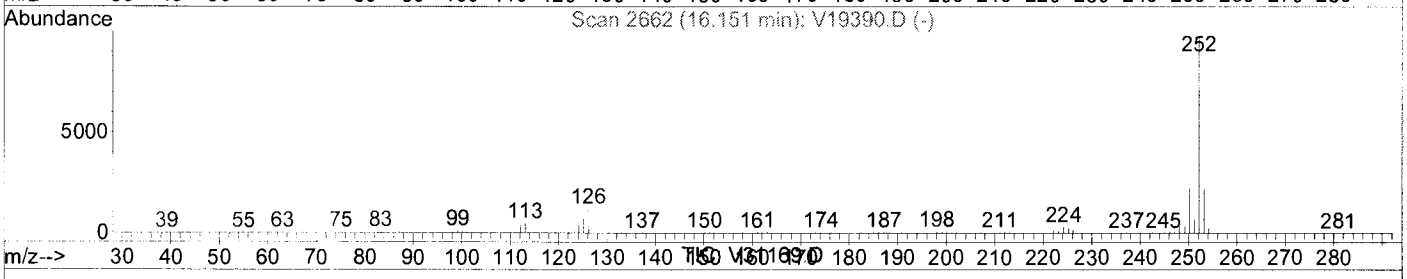
Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:20 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration





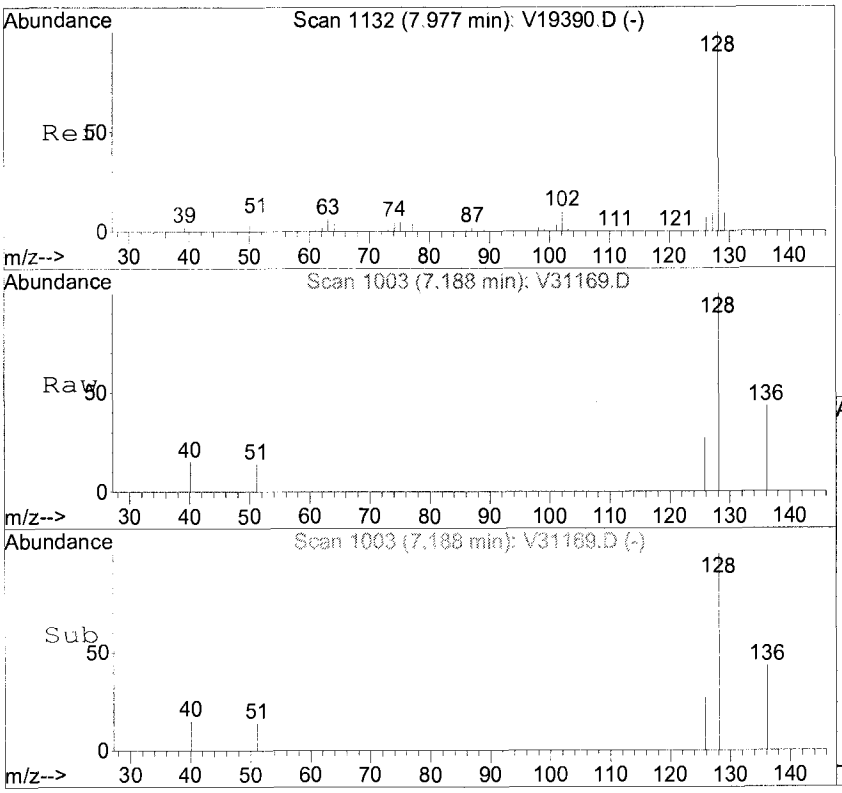


(80) C770 Benzo[k]fluoranthene (T)

14.59min 0.26ng m

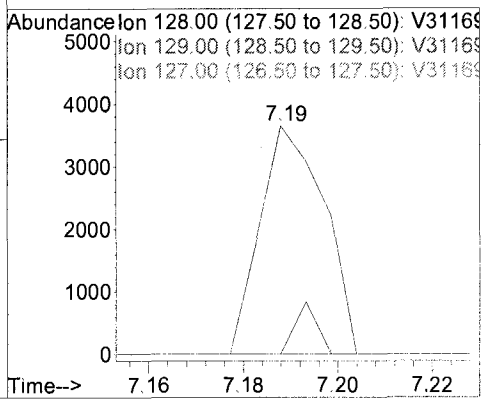
response 6115

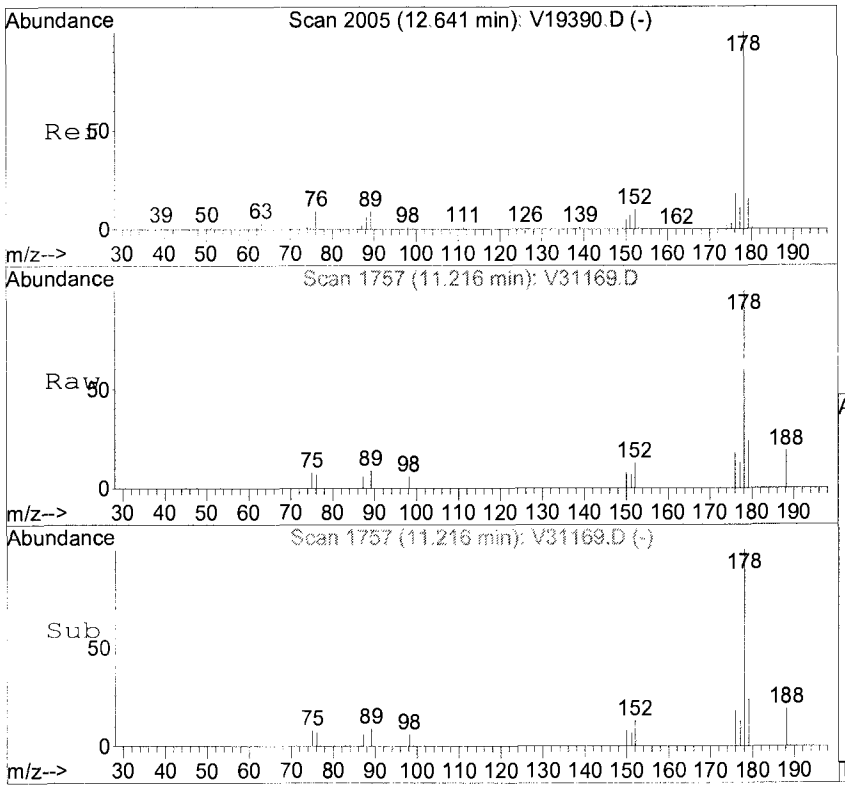
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.93
125.00	16.20	14.63
0.00	0.00	0.00



#30
C450 Naphthalene
Concen: 0.22 ng
RT: 7.19 min Scan# 1003
Delta R.T. -0.01 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

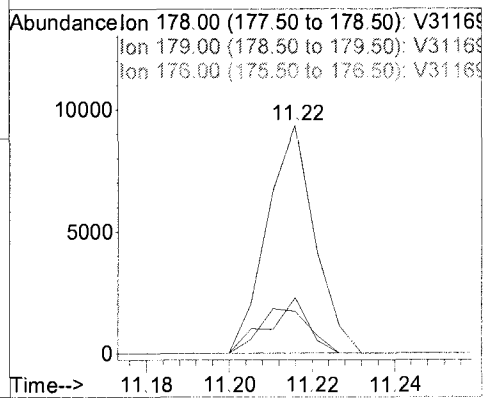
Tgt Ion:128	Resp:	3432
Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	30.6
127	0.0	0.0	32.0

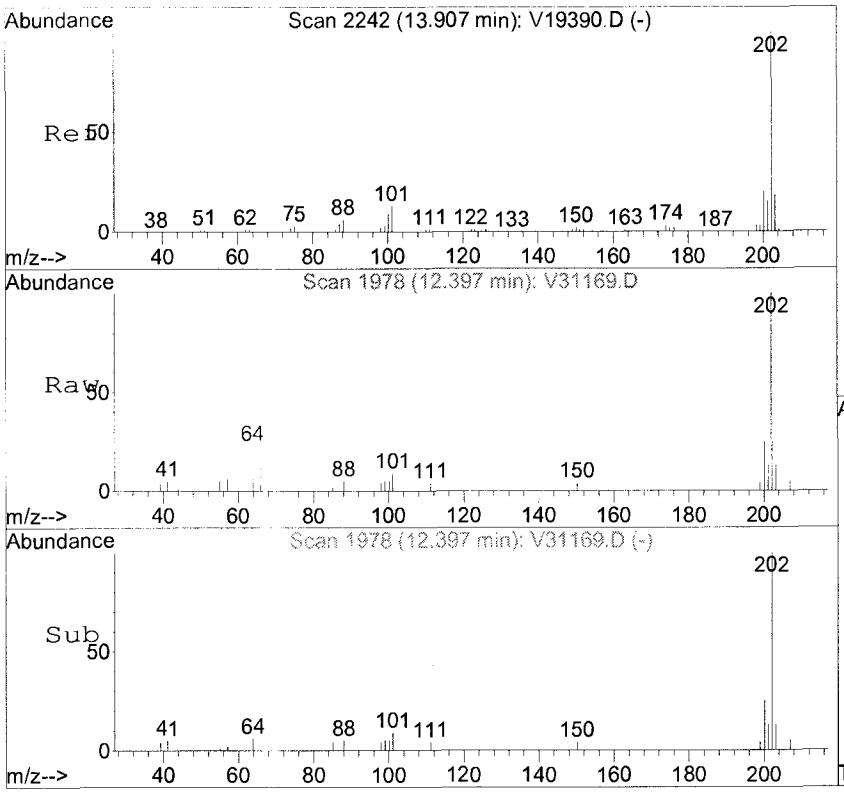




#63
C640 Phenanthrene
Concen: 0.43 ng
RT: 11.22 min Scan# 1757
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:178	Resp:	7481
Ion	Ratio	Lower	Upper
178	100		
179	24.3	0.0	34.2
176	18.3	0.0	38.0

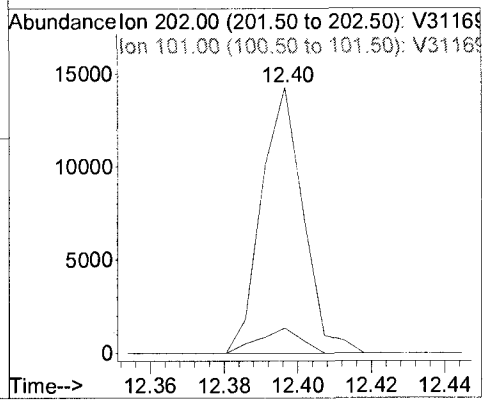


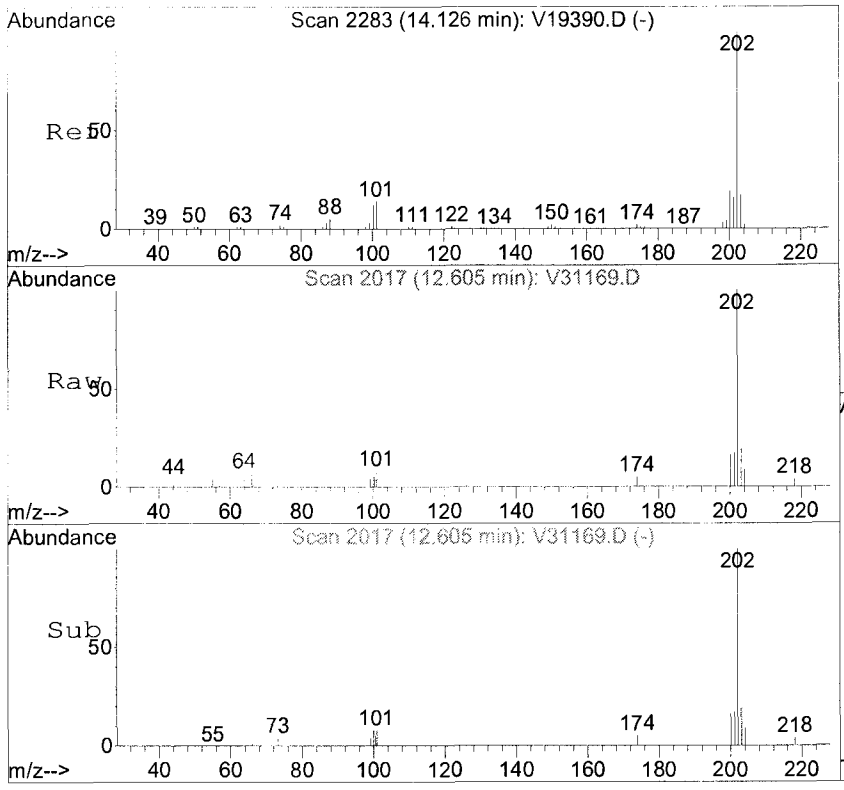


#67
C655 Fluoranthene
Concen: 0.50 ng
RT: 12.40 min Scan# 1978
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:202 Resp: 11193

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.9

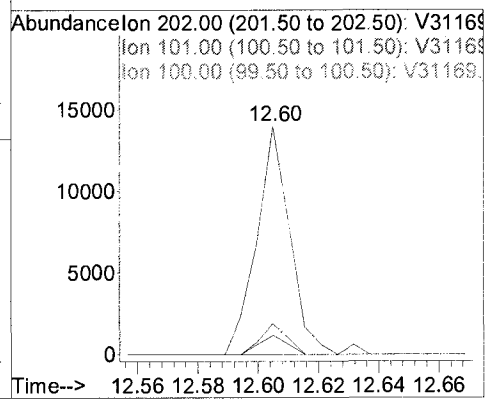


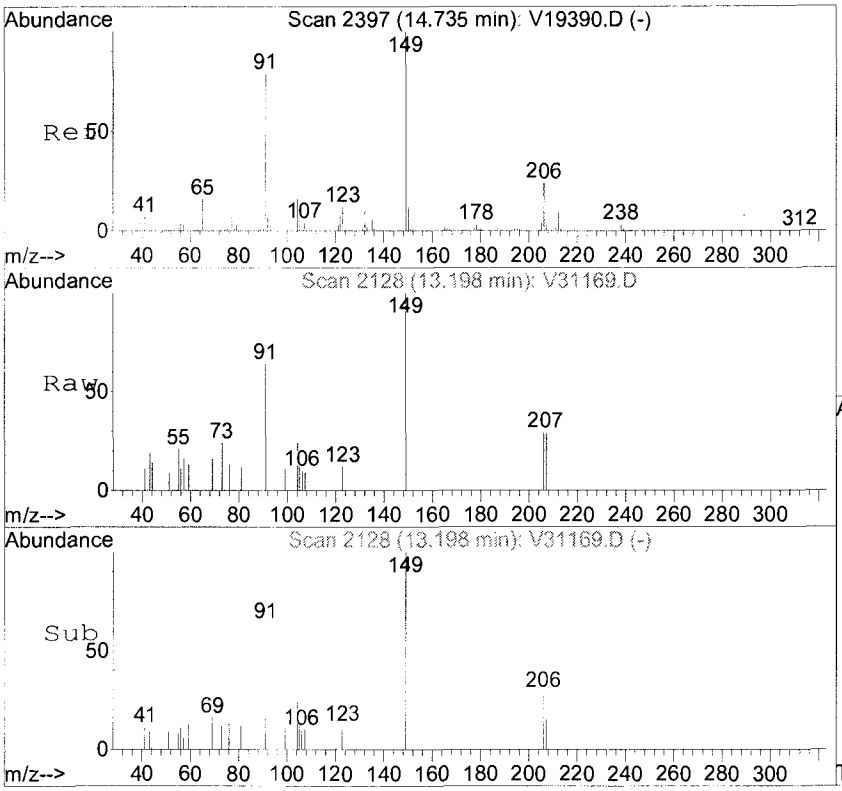


#69
C715 Pyrene
Concen: 0.50 ng
RT: 12.60 min Scan# 2017
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:202 Resp: 10850

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	34.7
100	13.6	0.0	31.3

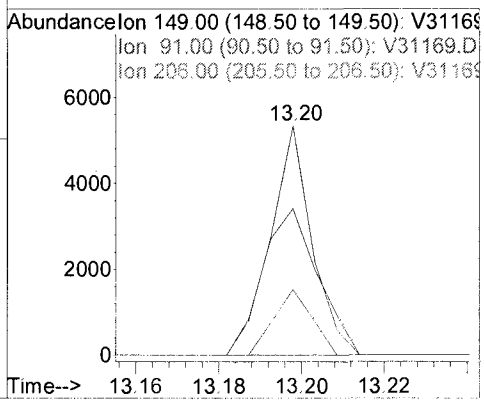


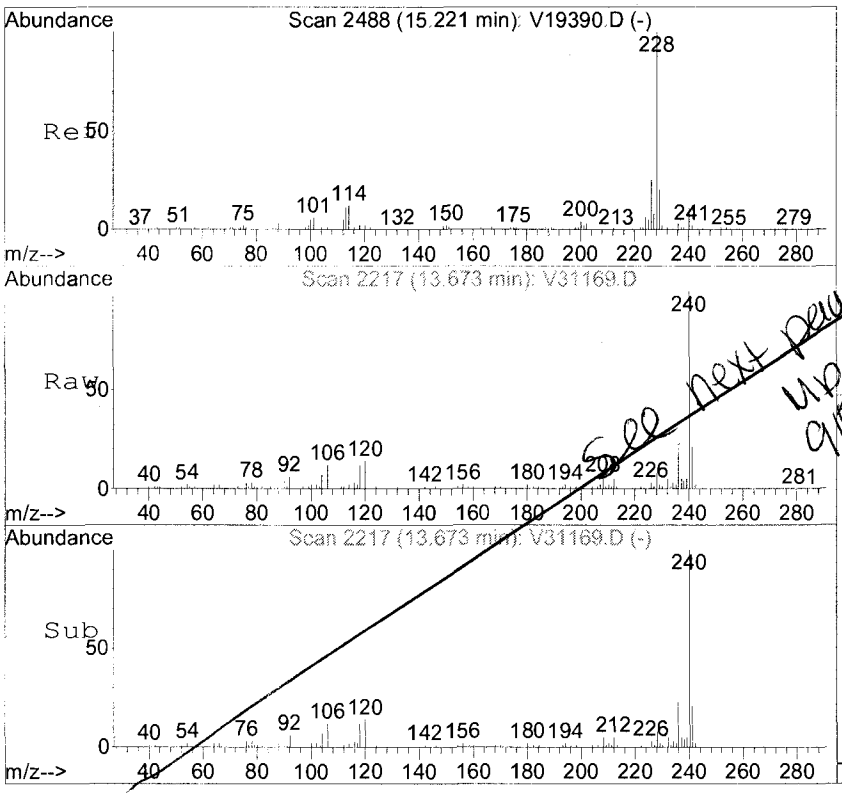


#72
C720 Butylbenzylphthalate
Concen: 0.40 ng
RT: 13.20 min Scan# 2128
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:149 Resp: 3733

Ion	Ratio	Lower	Upper
149	100		
91	64.0	38.2	78.2
206	28.6	0.0	39.3

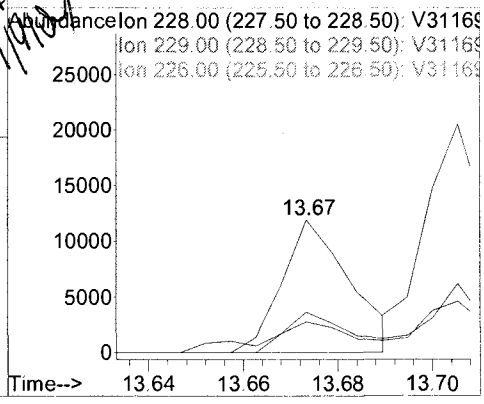




#74
C730 Benzo[a]anthracene
Concen: 0.59 ng
RT: 13.67 min Scan# 2217
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:228 Resp: 11906

Ion	Ratio	Lower	Upper
228	100		
229	16.1	0.0	39.5
226	30.7	5.6	45.6

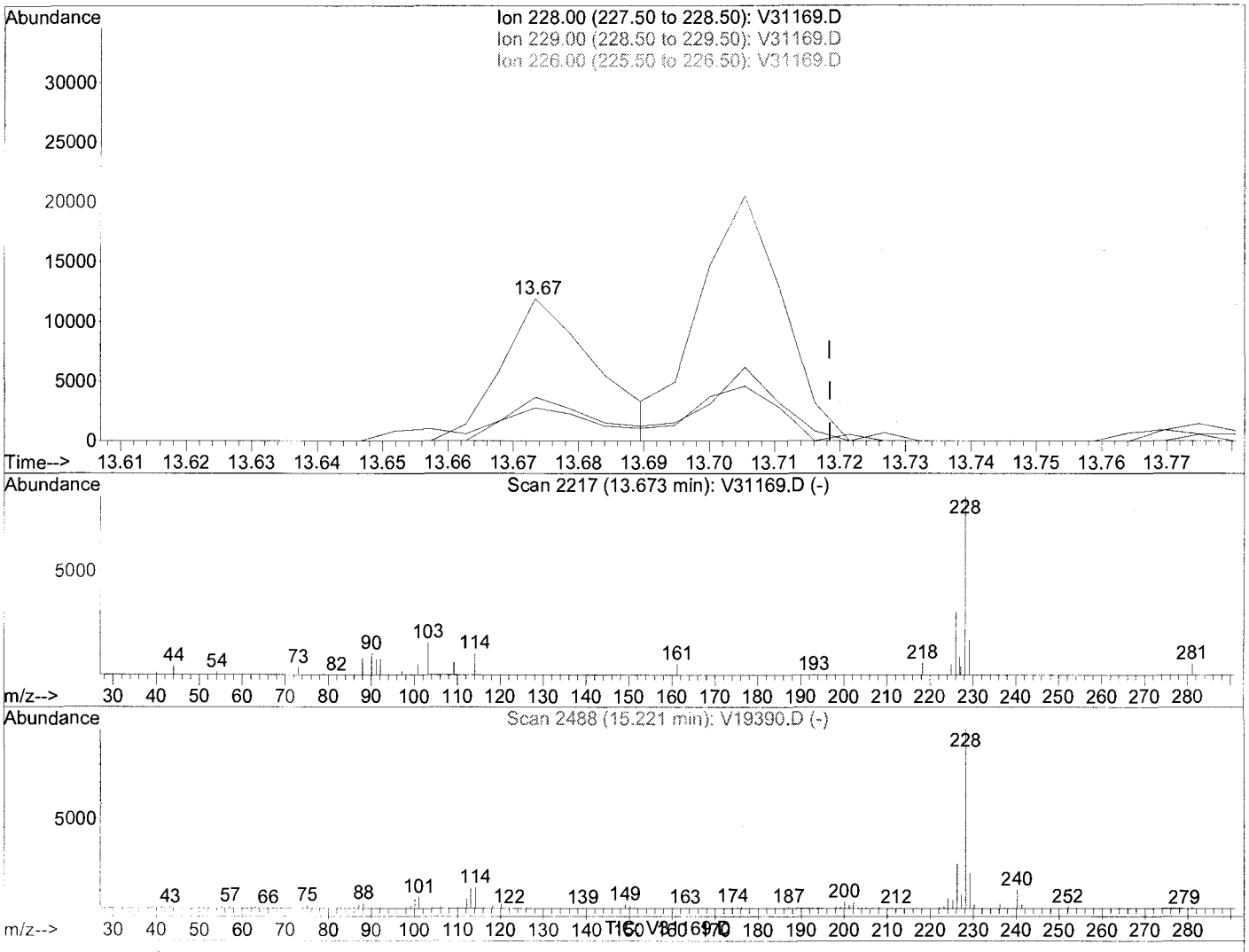


Quantitation Report (Qedit)

Data File : D:\DATA\090508\V31169.D
Acq On : 5 Sep 2008 20:34
Sample : A8A62904 AS80011344
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 9 13:20 2008

Vial: 17
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration

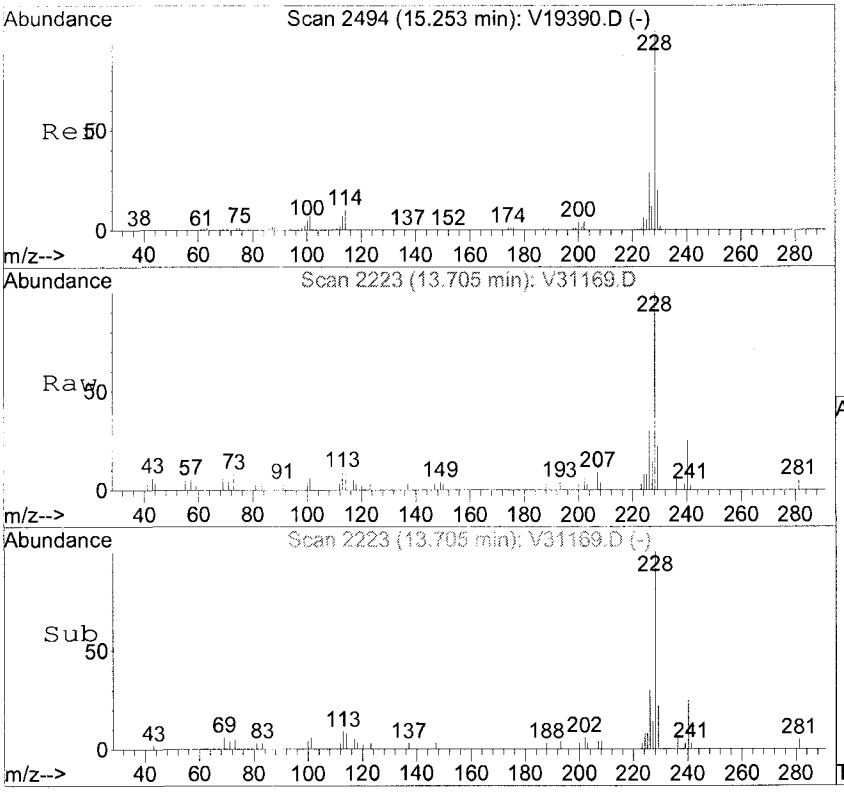


(74) C730 Benzo[a]anthracene (T)

13.67min 0.59ng

response 11906

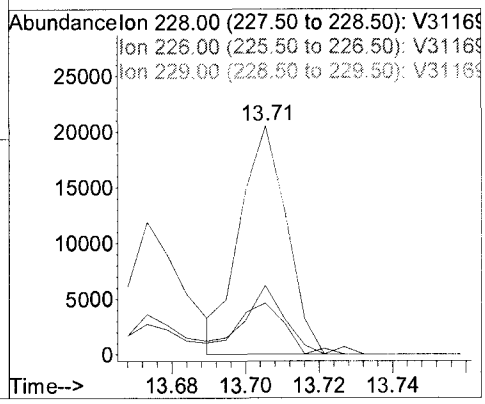
Ion	Exp%	Act%
228.00	100	100
229.00	19.50	16.09
226.00	25.60	30.66
0.00	0.00	0.00

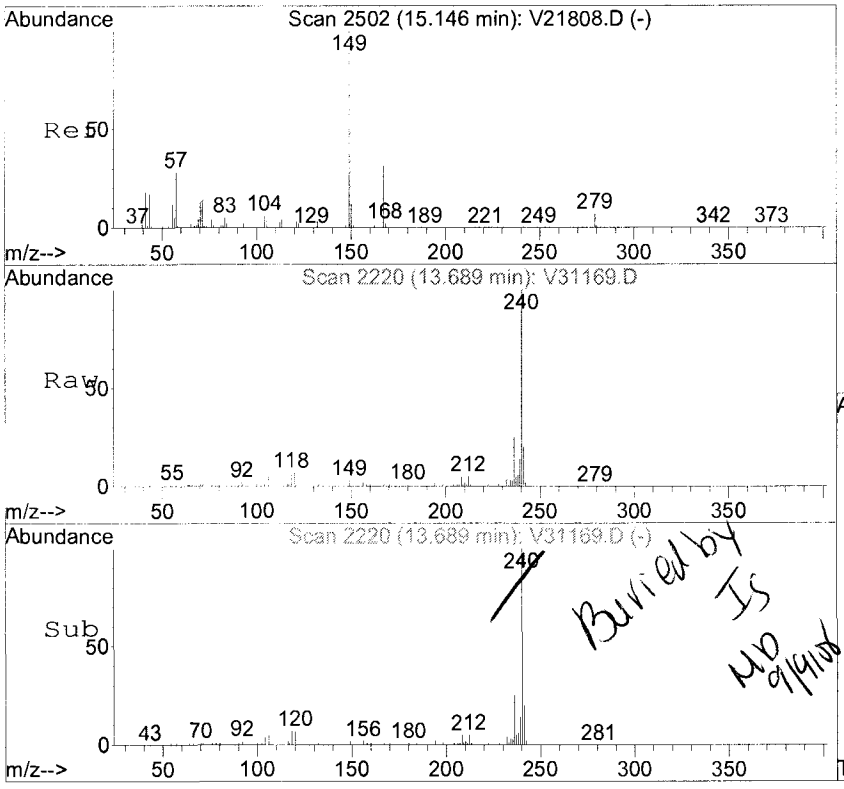


#75
C735 Chrysene
Concen: 0.91 ng
RT: 13.71 min Scan# 2223
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:228 Resp: 18246

Ion	Ratio	Lower	Upper
228	100		
226	30.2	7.8	47.8
229	22.4	0.0	39.2

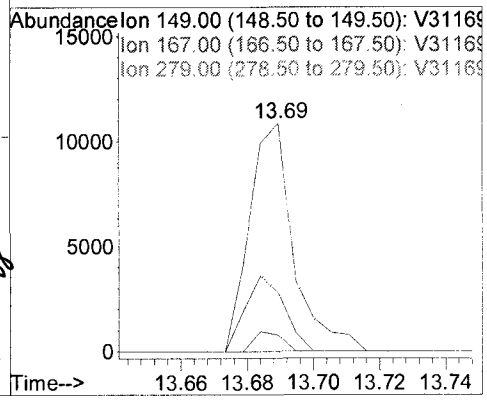




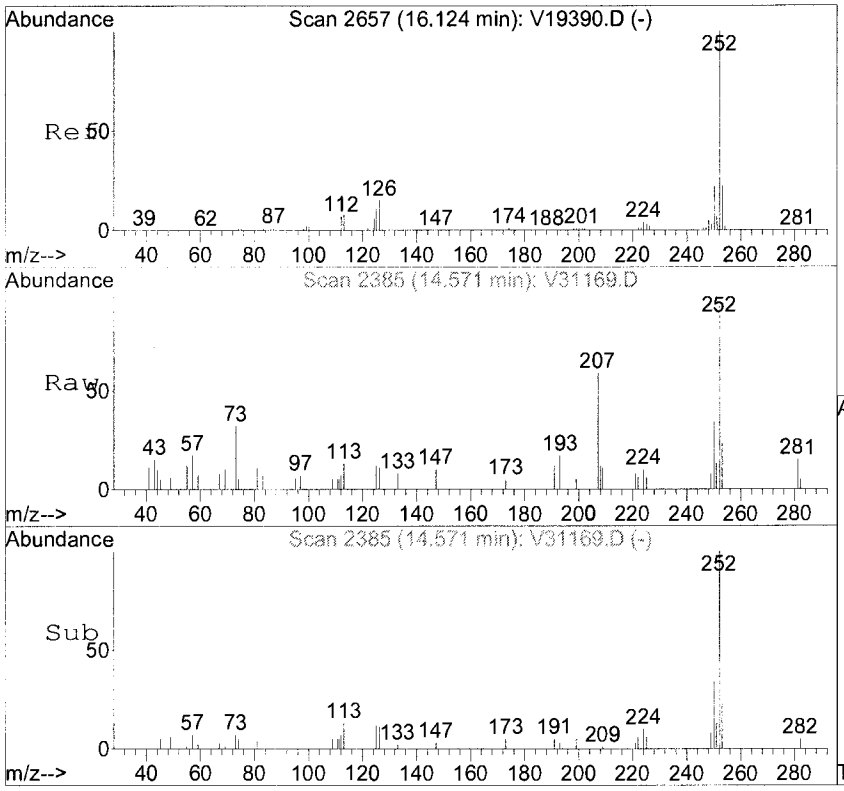
#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.78 ng
RT: 13.69 min Scan# 2220
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:149 Resp: 10052

Ion	Ratio	Lower	Upper
149	100		
167	25.5	8.3	48.3
279	7.2	0.0	26.1

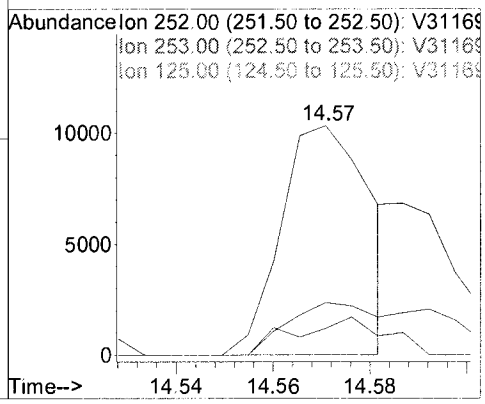


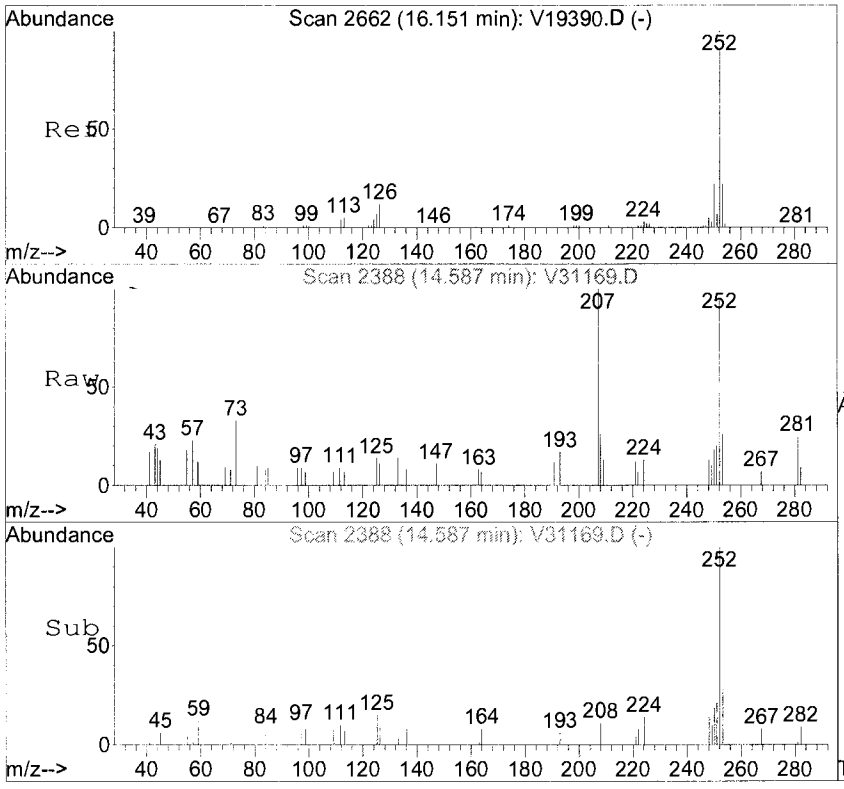
Buried by IS MD 9/19/08



#79
C765 Benzo[b]fluoranthene
Concen: 0.51 ng m
RT: 14.57 min Scan# 2385
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

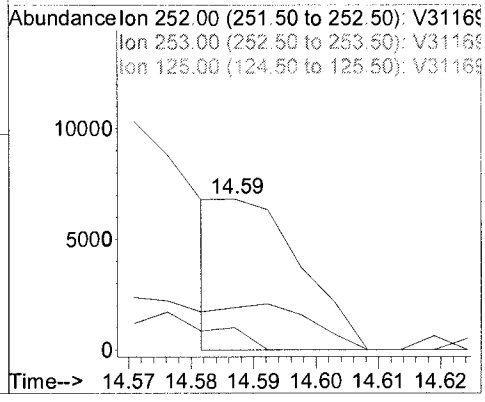
Tgt Ion:252	Resp:	13133	
Ion	Ratio	Lower	Upper
252	100		
253	22.9	2.3	42.3
125	11.5	0.0	37.9

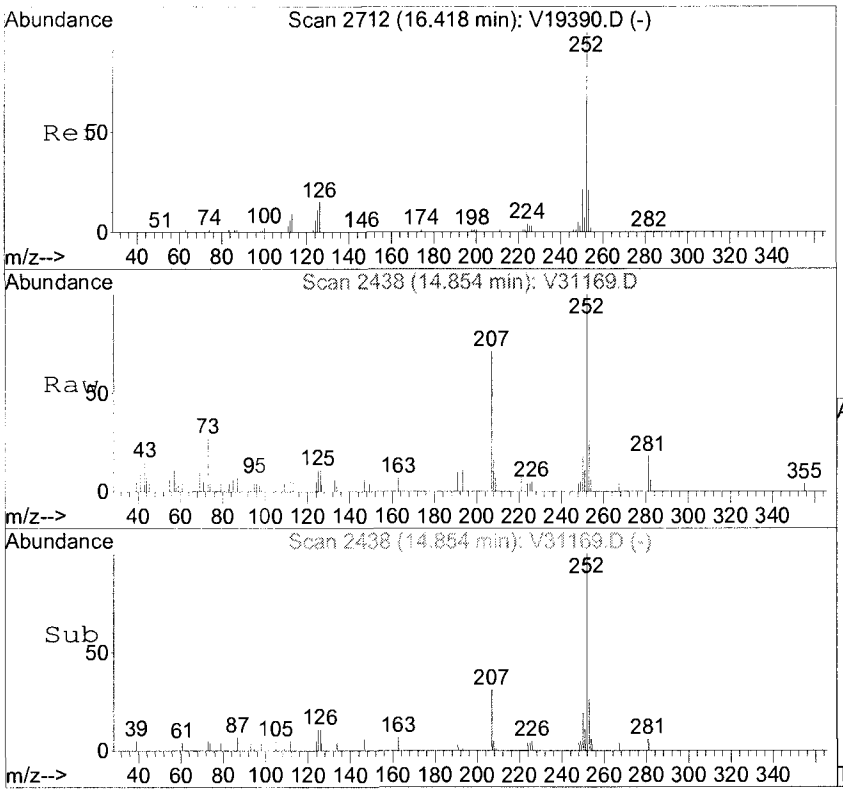




#80
C770 Benzo[k]fluoranthene
Concen: 0.26 ng m
RT: 14.59 min Scan# 2388
Delta R.T. -0.01 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:252	Resp:	6115	
Ion	Ratio	Lower	Upper
252	100		
253	27.9	2.6	42.6
125	14.6	0.0	36.2

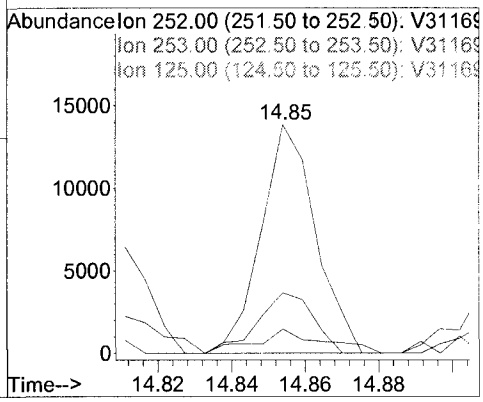


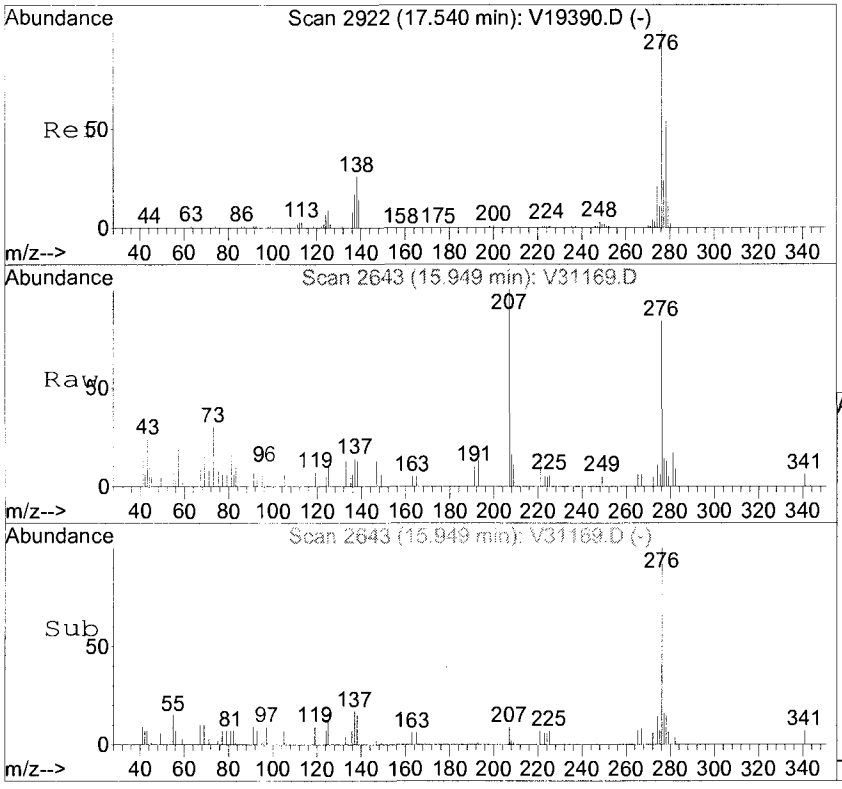


#81
C775 Benzo[a]pyrene
Concen: 0.64 ng
RT: 14.85 min Scan# 2438
Delta R.T. -0.01 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:252 Resp: 14268

Ion	Ratio	Lower	Upper
252	100		
253	26.4	1.0	41.0
125	10.5	0.0	30.8

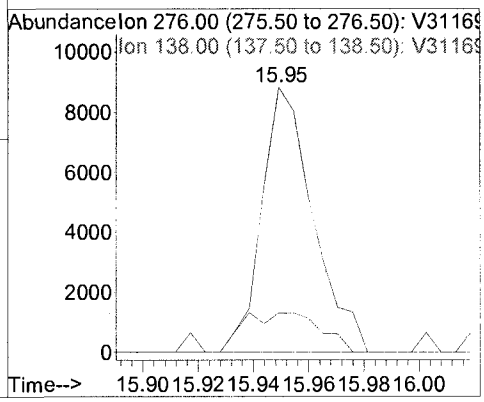


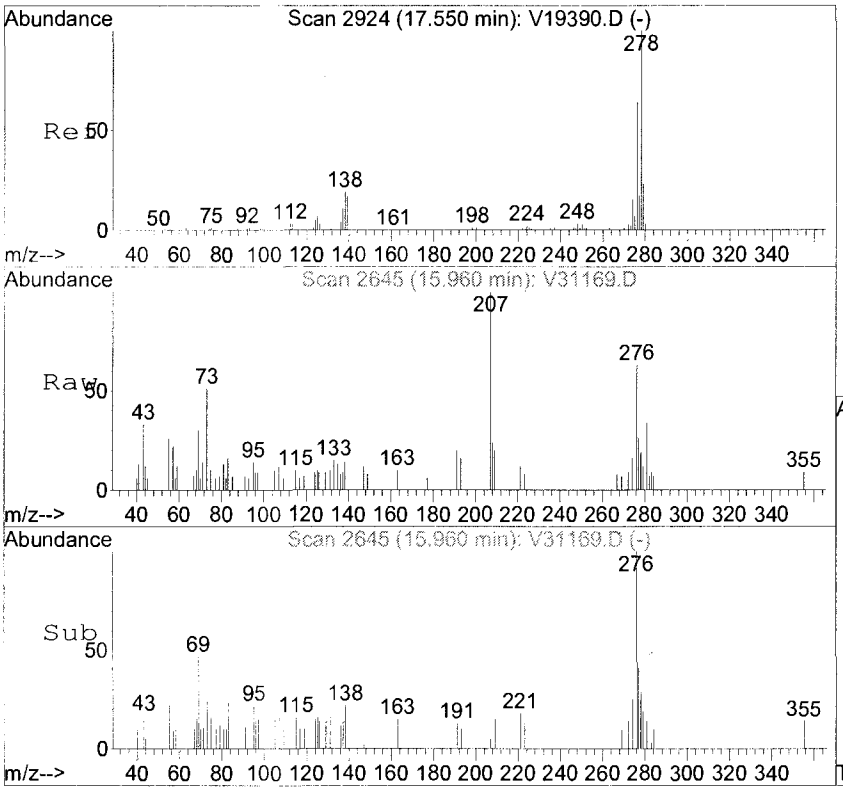


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 0.45 ng
RT: 15.95 min Scan# 2643
Delta R.T. -0.01 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:276 Resp: 11434

Ion	Ratio	Lower	Upper
276	100		
138	14.9	7.1	47.1

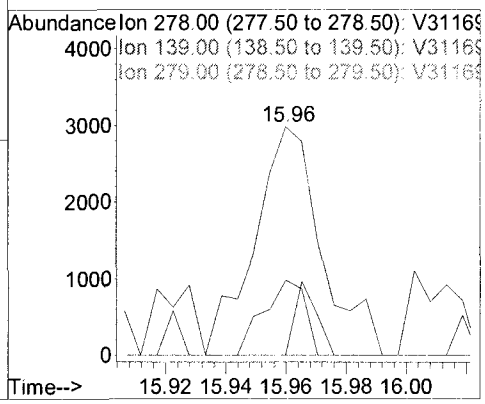


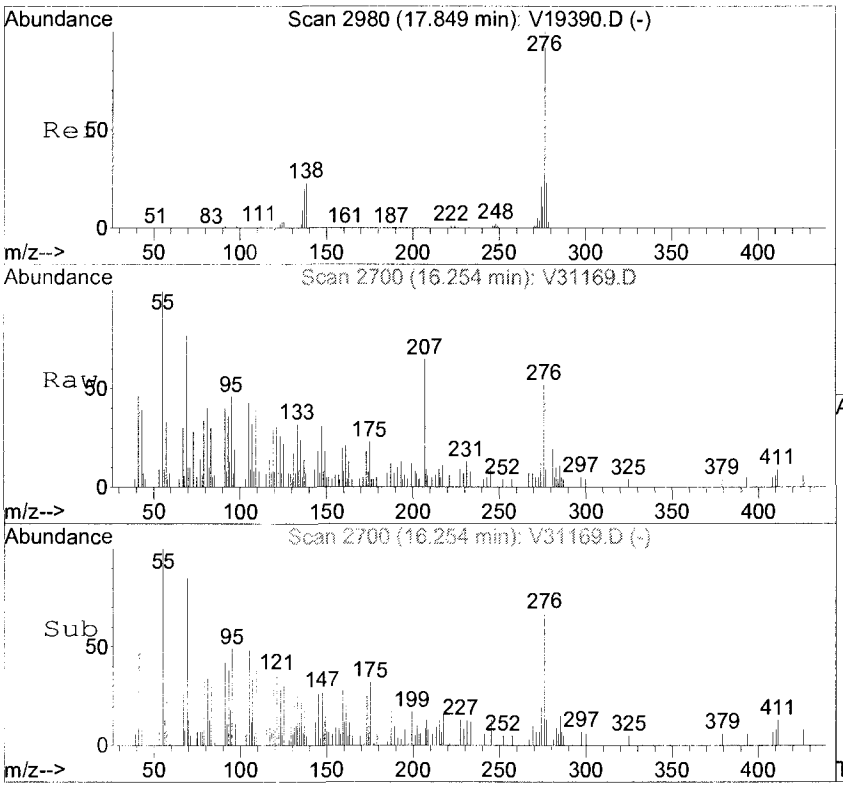


#83
C785 Dibenz[a,h]anthracene
Concen: 0.21 ng
RT: 15.96 min Scan# 2645
Delta R.T. -0.01 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:278 Resp: 4626

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	37.8
279	33.0	1.8	41.8

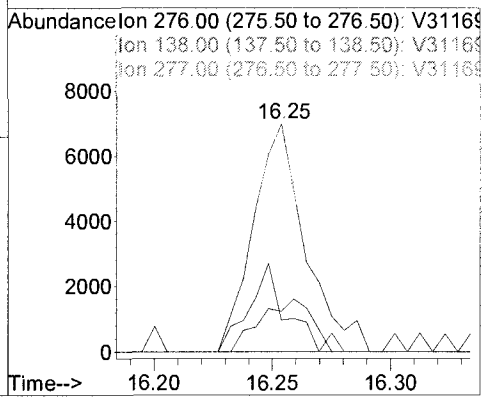




#84
C790 Benzo[g,h,i]perylene
Concen: 0.50 ng
RT: 16.25 min Scan# 2700
Delta R.T. -0.00 min
Lab File: V31169.D
Acq: 5 Sep 2008 20:34

Tgt Ion:276 Resp: 10671

Ion	Ratio	Lower	Upper
276	100		
138	13.9	4.9	44.9
277	17.6	3.1	43.1



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 30.29 (g/mL) G Lab File ID: V30997.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	U
208-96-8	Acenaphthylene	400	U
98-86-2	Acetophenone	400	U
120-12-7	Anthracene	12	J
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
56-55-3	Benzo(a)anthracene	30	J
205-99-2	Benzo(b)fluoranthene	35	J
207-08-9	Benzo(k)fluoranthene	7	J
191-24-2	Benzo(ghi)perylene	20	J
50-32-8	Benzo(a)pyrene	28	J
92-52-4	Biphenyl	400	U
111-91-1	Bis(2-chloroethoxy) methane	400	U
111-44-4	Bis(2-chloroethyl) ether	400	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	400	U
117-81-7	Bis(2-ethylhexyl) phthalate	77	J
101-55-3	4-Bromophenyl phenyl ether	400	U
85-68-7	Butyl benzyl phthalate	400	U
105-60-2	Caprolactam	2100	U
106-47-8	4-Chloroaniline	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-58-7	2-Chloronaphthalene	400	U
95-57-8	2-Chlorophenol	400	U
7005-72-3	4-Chlorophenyl phenyl ether	400	U
86-74-8	Carbazole	400	U
218-01-9	Chrysene	43	BJ
53-70-3	Dibenzo(a,h)anthracene	400	U
132-64-9	Dibenzofuran	400	U
84-74-2	Di-n-butyl phthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
120-83-2	2,4-Dichlorophenol	400	U
84-66-2	Diethyl phthalate	400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 30.29 (g/mL) G Lab File ID: V30997.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	400	U
131-11-3	Dimethyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
51-28-5	2,4-Dinitrophenol	2100	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
117-84-0	Di-n-octyl phthalate	400	U
206-44-0	Fluoranthene	44	J
86-73-7	Fluorene	400	U
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	17	J
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	400	U
95-48-7	2-Methylphenol	400	U
106-44-5	4-Methylphenol	400	U
91-20-3	Naphthalene	78	J
88-74-4	2-Nitroaniline	2100	U
99-09-2	3-Nitroaniline	2100	U
100-01-6	4-Nitroaniline	2100	U
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	2100	U
86-30-6	N-nitrosodiphenylamine	400	U
621-64-7	N-Nitroso-Di-n-propylamine	400	U
87-86-5	Pentachlorophenol	400	U
85-01-8	Phenanthrene	35	J
108-95-2	Phenol	400	U
129-00-0	Pyrene	38	J
95-95-4	2,4,5-Trichlorophenol	400	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47501

Sample wt/vol: 30.29 (g/mL) G Lab File ID: V30997.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	400	U

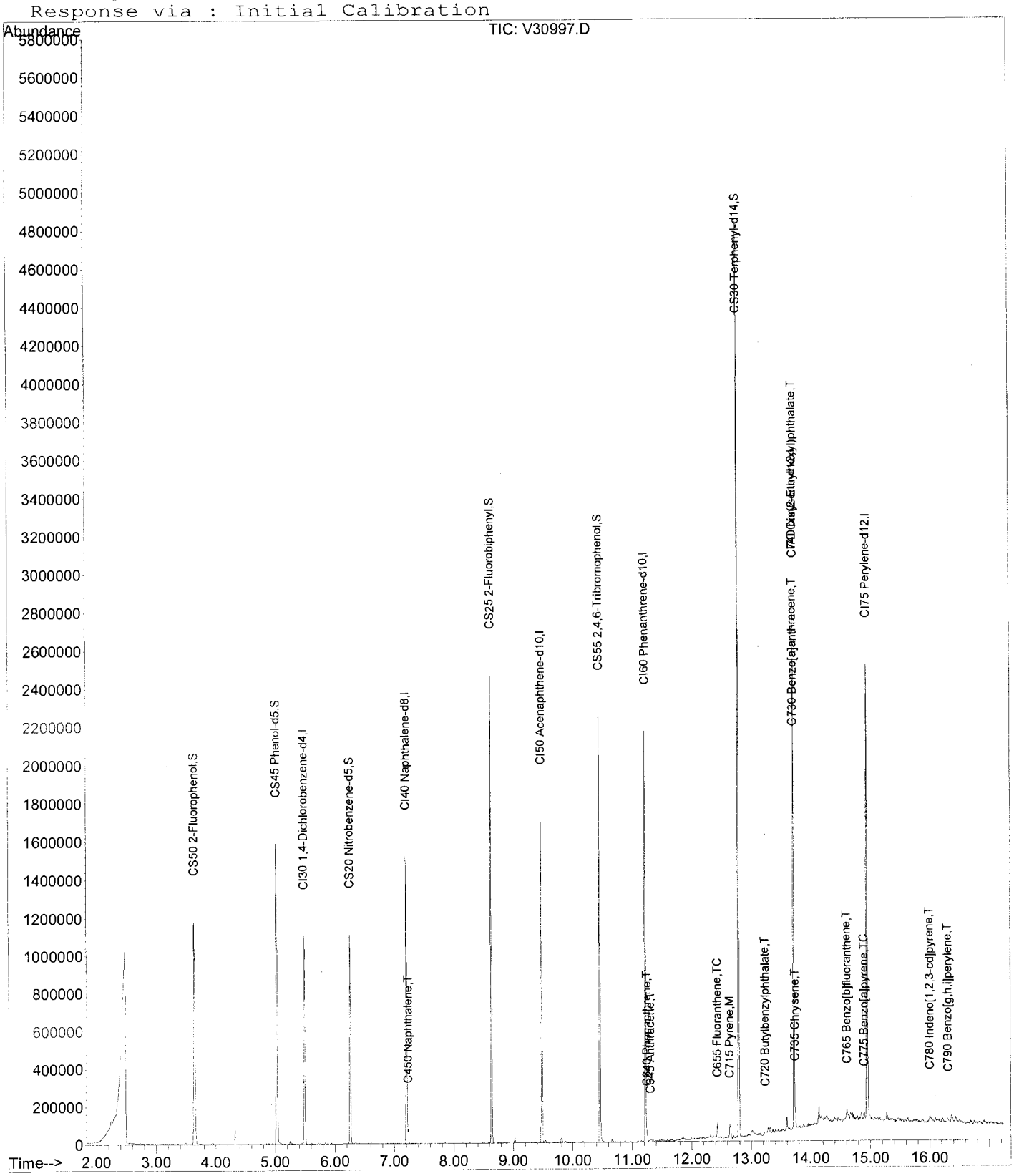
Quantitation Report (QT Reviewed) **1248/3648** No ADD

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:26 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:17 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	182382	40.00	ng	0.00 96.65%
20) CI40 Naphthalene-d8	7.20	136	658467	40.00	ng	0.00 94.86%
35) CI50 Acenaphthene-dl0	9.48	164	390017	40.00	ng	0.00 99.45%
56) CI60 Phenanthrene-dl0	11.23	188	811059	40.00	ng	0.00 101.50%
68) CI70 Chrysene-d12	13.72	240	811925	40.00	ng	0.00 114.59%
78) CI75 Perylene-d12	14.95	264	855318	40.00	ng	0.00 149.46%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.65	112	418178	60.84	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 40.56%			
5) CS45 Phenol-d5	5.02	99	627100	71.07	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 47.38%			
6) CS70 2-chlorophenol-d4	5.49	132	170	0.03	ng	0.31
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.26	82	398656	47.27	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 47.27%			
39) CS25 2-Fluorobiphenyl	8.64	172	736671	50.32	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 50.32%			
59) CS55 2,4,6-Tribromophenol	10.46	330	213459	126.98	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 84.65%			
71) CS30 Terphenyl-d14	12.79	244	1260893	68.57	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 68.57%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	2.18	74	186	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	5.05	94	661	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	5.54	45	191	N.D.
16) C355 2-Methylphenol	5.49	108	572	N.D.
17) C375 Hexachloroethane	6.25	117	320	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.25	77	1169	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D. d
25) C420 2-Nitrophenol	0.00	139	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:17 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	7.21	93	220	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.23	128	34112	1.90 ng	99
31)	C455 4-Chloroaniline	0.00	127	0	N.D. d	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	8.15	142	1368	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D. d	
41)	C530 2-Nitroaniline	8.94	65	167	N.D.	
42)	C540 Acenaphthylene	9.30	152	2063	N.D.	
43)	C535 Dimethylphthalate	9.03	163	273	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	9.52	153	2385	N.D.	
46)	C545 3-Nitroaniline	8.64	138	224	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	9.75	168	1333	N.D.	
49)	C570 2,4-Dinitrotoluene	9.60	165	163	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D.	
51)	C590 Fluorene	10.17	166	2628	N.D.	
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	0.00	149	0	N.D.	
54)	C620 1,2 diphenylhydrazine	10.31	77	161	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.25	178	17078	0.85 ng	98
64)	C645 Anthracene	11.31	178	6049	0.29 ng	96
65)	C647 carbazole	11.49	167	2446	N.D.	
66)	C650 Di-n-butylphthalate	11.85	149	2892	N.D.	
67)	C655 Fluoranthene	12.43	202	27760	1.09 ng	90
69)	C715 Pyrene	12.64	202	25396	0.94 ng	89
70)	C710 benzidine	0.00	184	0	N.D.	
72)	C720 Butylbenzylphthalate	13.23	149	3354	0.29 ng	93
73)	C725 3,3'-Dichlorobenzidin	13.67	252	207	N.D.	
74)	C730 Benzo[a]anthracene	13.71	228	18343	0.72 ng	89
75)	C735 Chrysene	13.74	228	26403	1.06 ng	91
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	30286	1.88 ng	94
77)	C760 Di-n-octylphthalate	0.00	149	0	N.D. d	
79)	C765 Benzo[b]fluoranthene	14.61	252	27004m	0.85 ng	89
80)	C770 Benzo[k]fluoranthene	14.62	252	5295	~~N.D.~~ .18ng@a 9.9.08	
81)	C775 Benzo[a]pyrene	14.90	252	18669	0.68 ng	92
82)	C780 Indeno[1,2,3-cd]pyren	16.01	276	13097	0.42 ng	87
83)	C785 Dibenz[a,h]anthracene	16.01	278	3986	N.D.	
84)	C790 Benzo[g,h,i]perylene	16.31	276	12624	0.48 ng	84

9/12/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 03 18:46:40 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

clom 9/3/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	182382	40.00	ng	-0.09 115.26%
4) CI40 Naphthalene-d8	7.20	136	658467	40.00	ng	-0.08 117.84%
7) CI50 Acenaphthene-d10	9.48	164	390017	40.00	ng	-0.07 120.95%
10) CI60 Phenanthrene-d10	11.23	188	811059	40.00	ng	-0.06 127.92%
12) CI70 Chrysene-d12	13.72	240	811925	40.00	ng	-0.06 119.64%
13) CI75 Perylene-d12	14.95	264	855318	40.00	ng	-0.06 157.48%

Target Compounds					Qvalue
2) E600 Benzaldehyde	4.89	77	618	N.D.	
3) E145 Acetophenone	6.03	105	662	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.76	154	1985	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

9/3/08

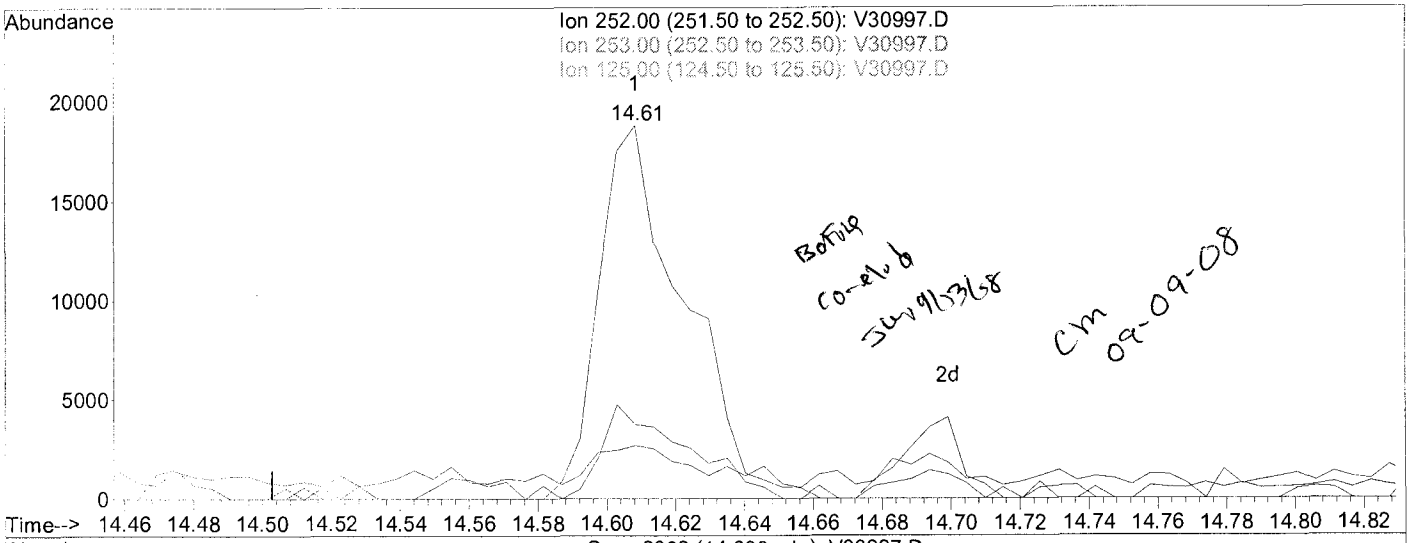
(#) = qualifier out of range (m) = manual integration

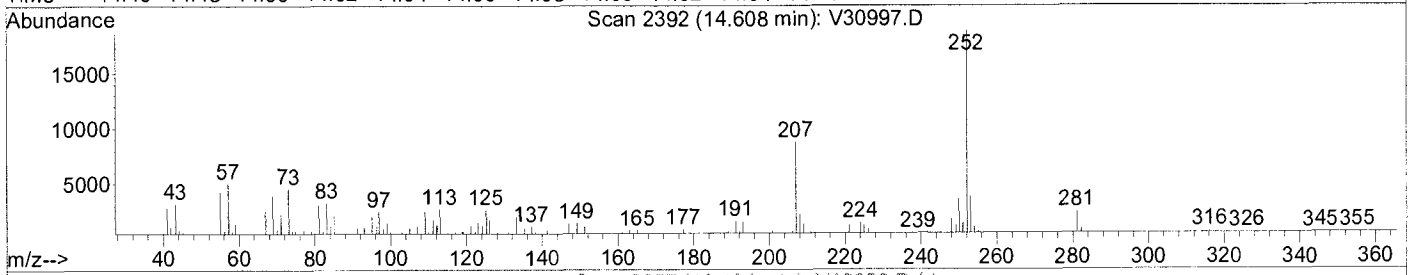
Quantitation Report (Qedit)

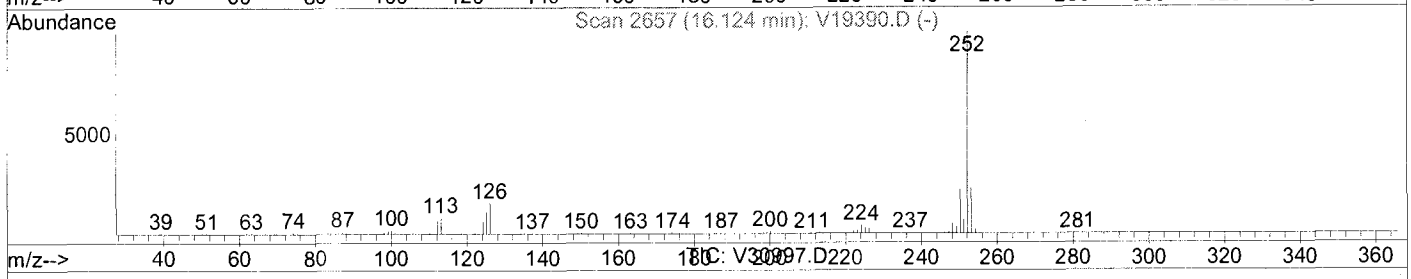
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:25 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.61min 1.02ng

response 32301

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	19.92
125.00	17.90	9.46
0.00	0.00	0.00

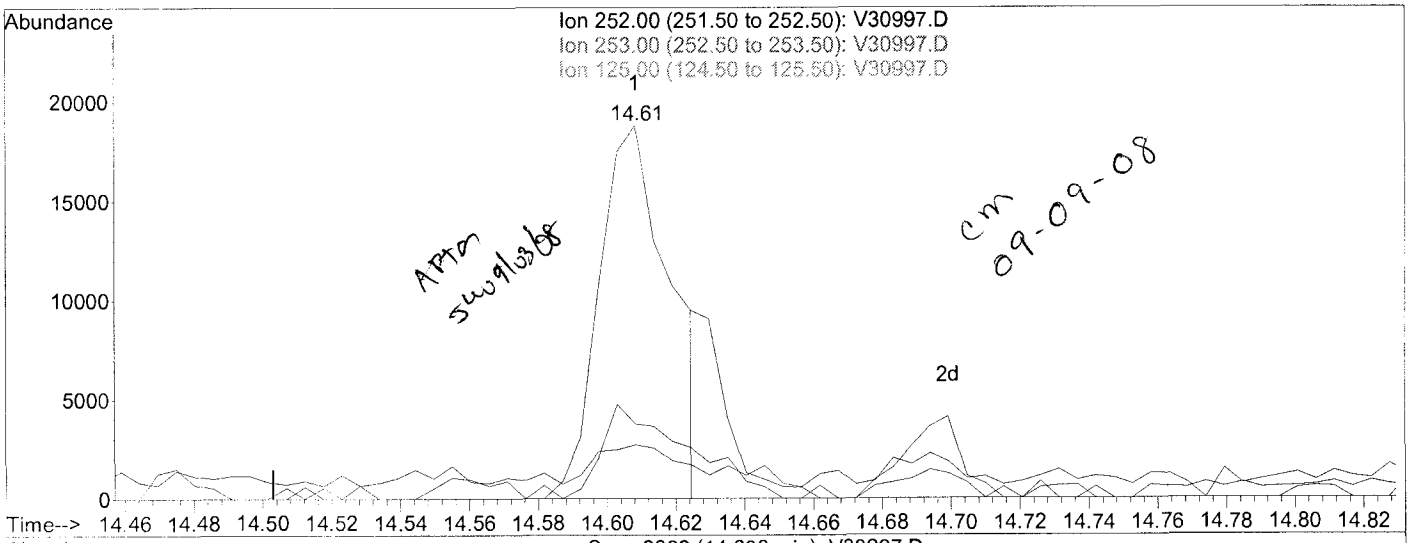
Quantitation Report (Qedit)

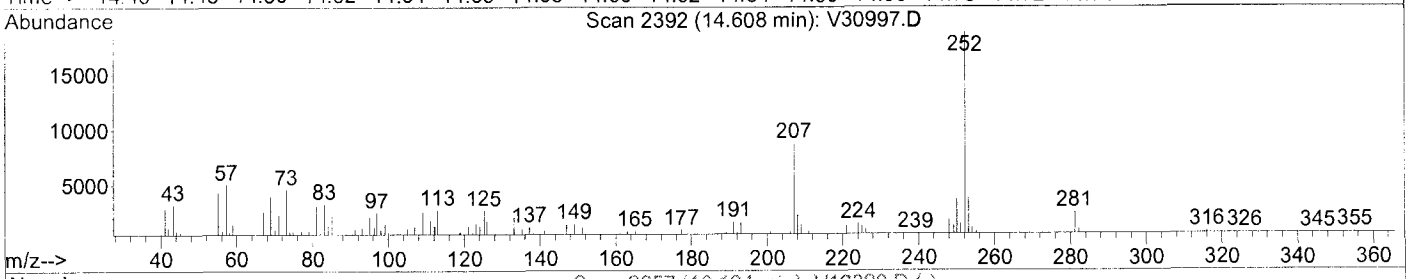
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:25 2008

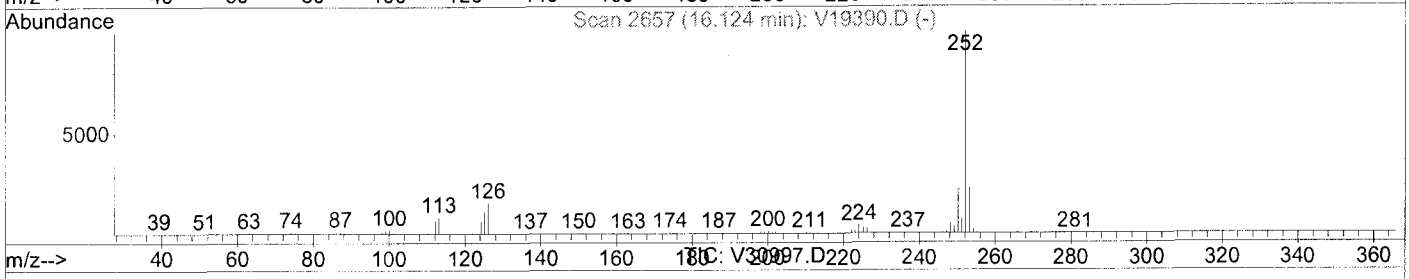
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.61min 0.85ng m

response 27004

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	19.92
125.00	17.90	14.30
0.00	0.00	0.00

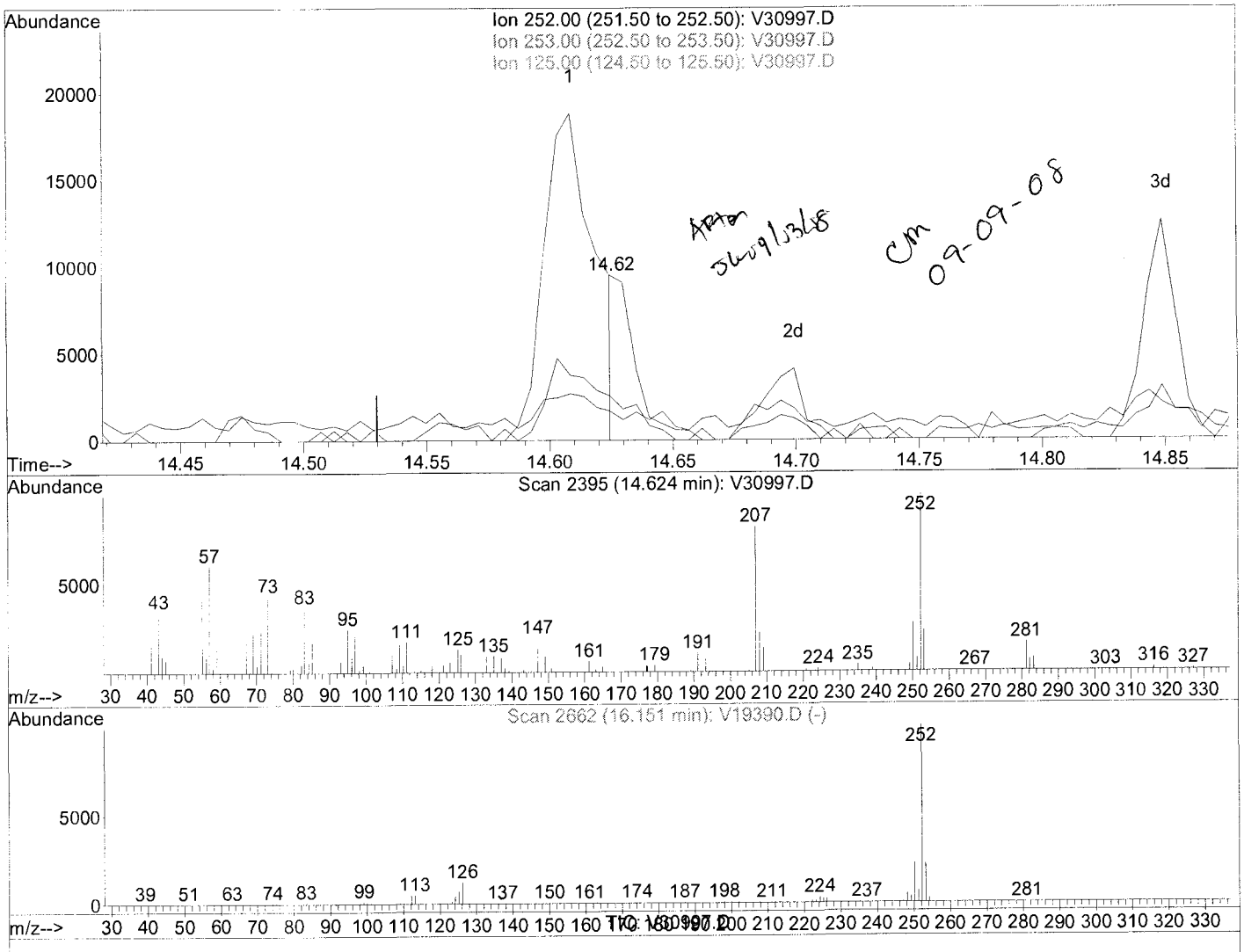
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:26 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(80) C770 Benzo[k]fluoranthene (T)

14.62min 0.18ng m

response 5295

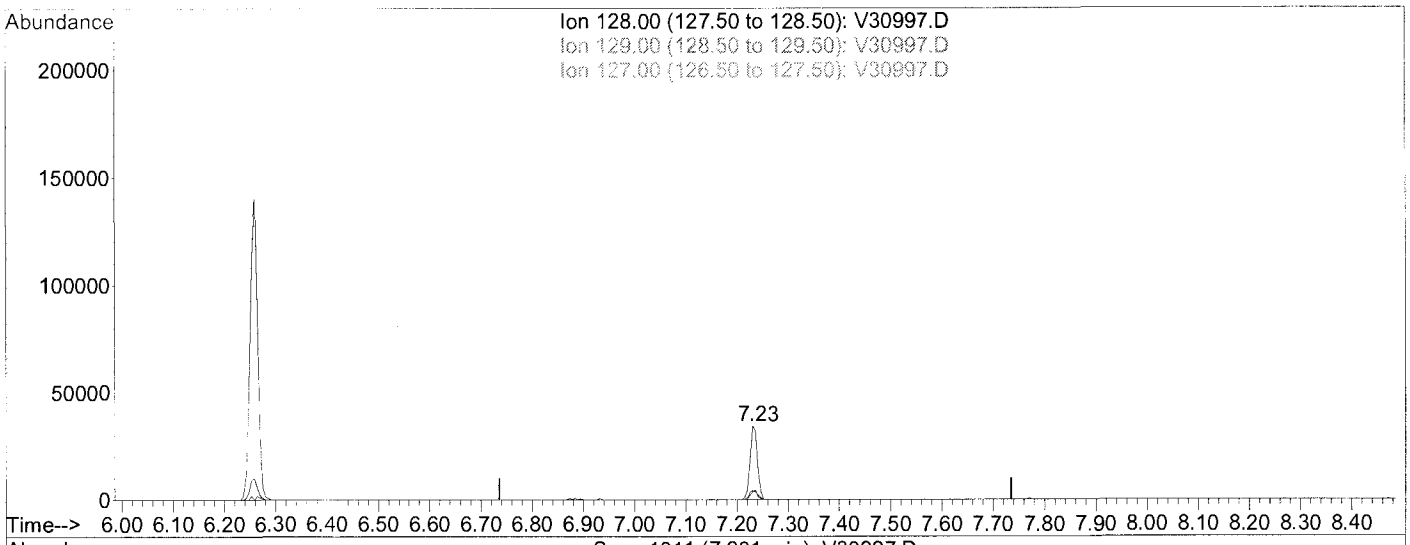
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	26.92
125.00	16.20	17.67
0.00	0.00	0.00

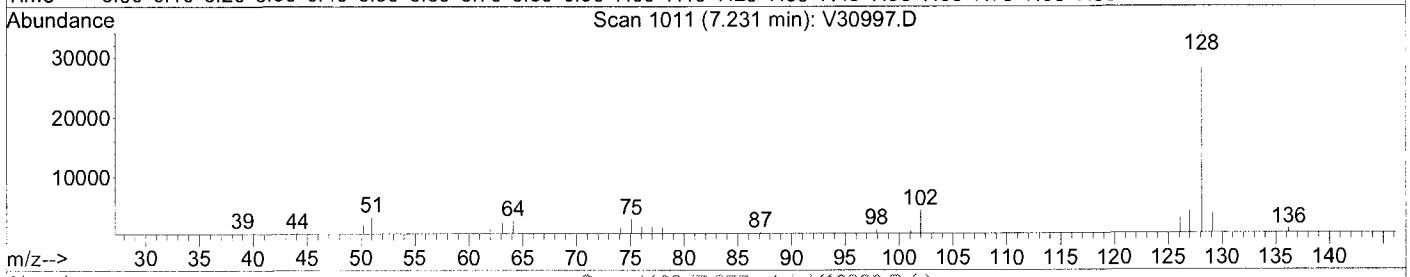
Quantitation Report (Qedit)

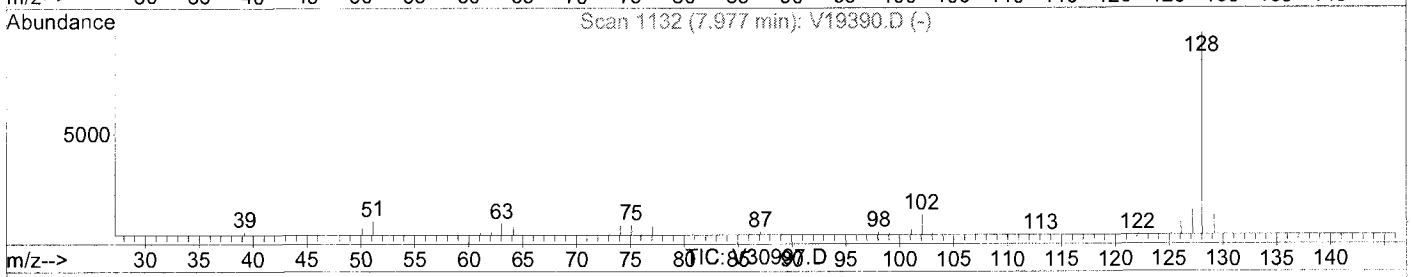
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(30) C450 Naphthalene (T)

7.23min 1.90ng

response 34112

Ion	Exp%	Act%
128.00	100	100
129.00	10.60	10.90
127.00	12.00	12.30
0.00	0.00	0.00

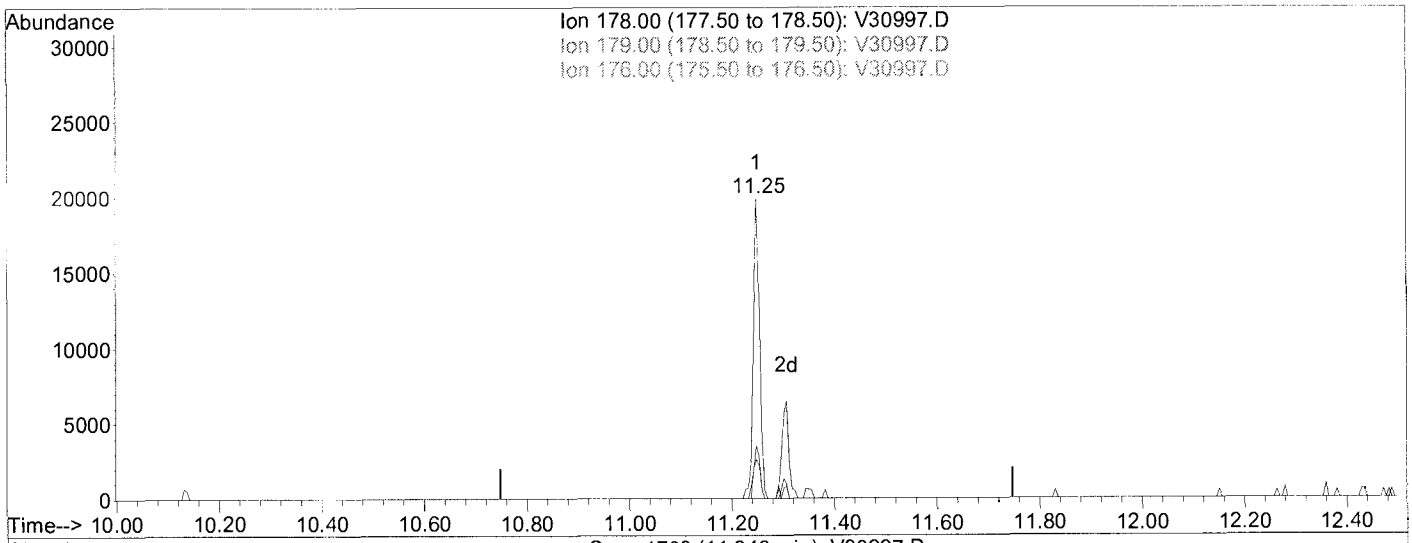
Quantitation Report (Qedit)

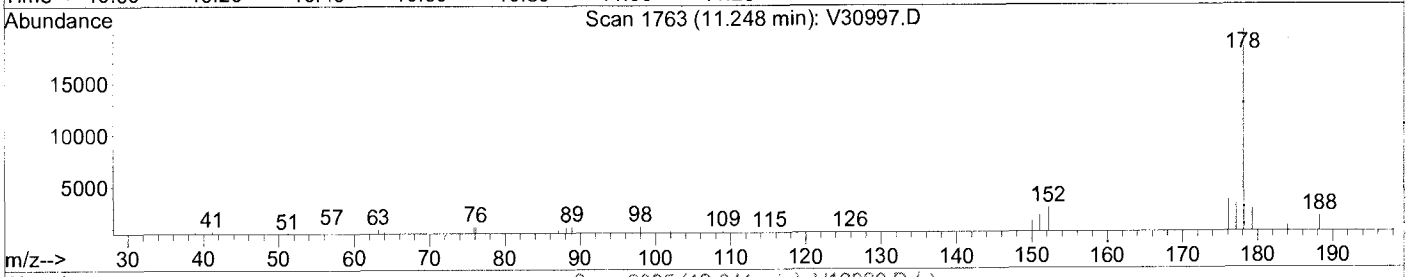
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

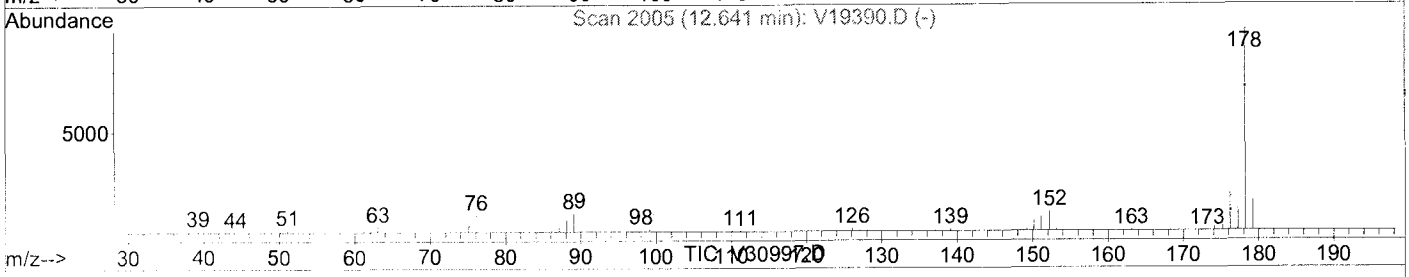
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(63) C640 Phenanthrene (T)

11.25min 0.85ng

response 17078

Ion	Exp%	Act%
178.00	100	100
179.00	14.20	13.03
176.00	18.00	17.65
0.00	0.00	0.00

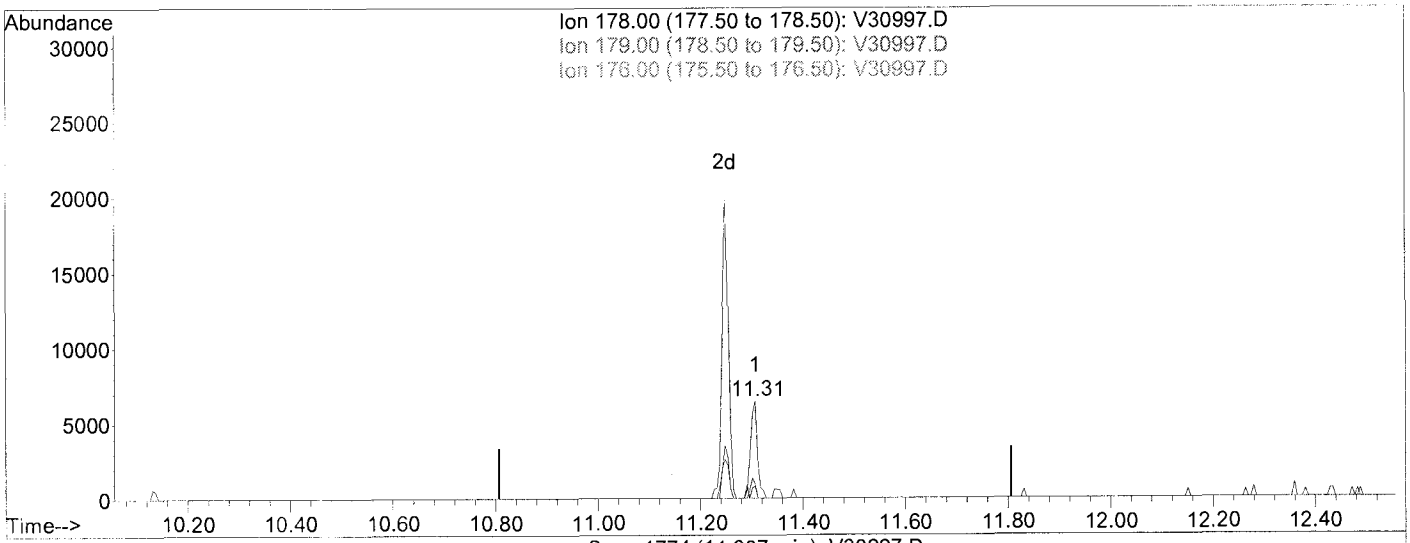
Quantitation Report (Qedit)

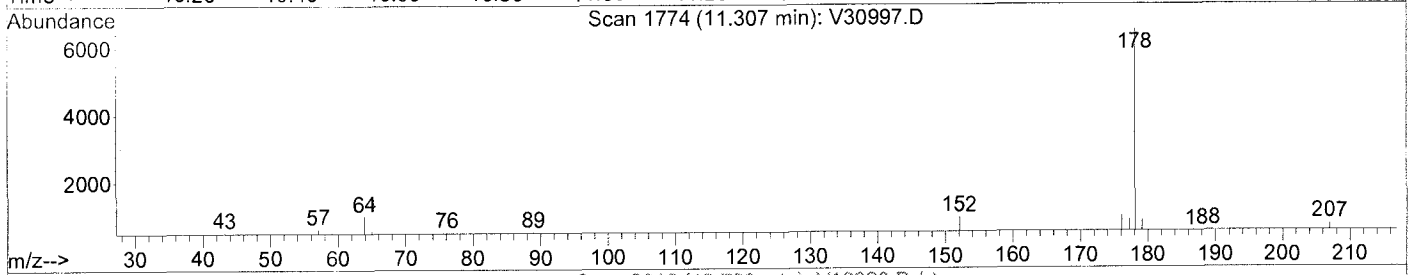
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

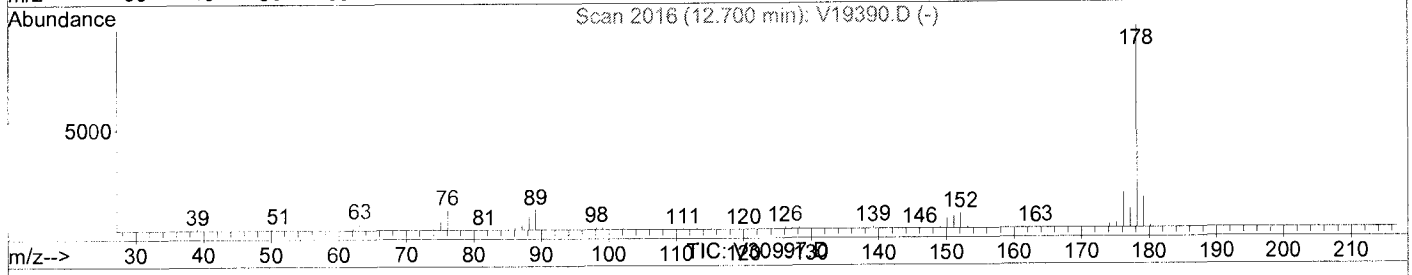
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(64) C645 Anthracene (T)

11.31min 0.29ng

response 6049

Ion	Exp%	Act%
178.00	100	100
179.00	13.60	12.47
176.00	17.10	14.78
0.00	0.00	0.00

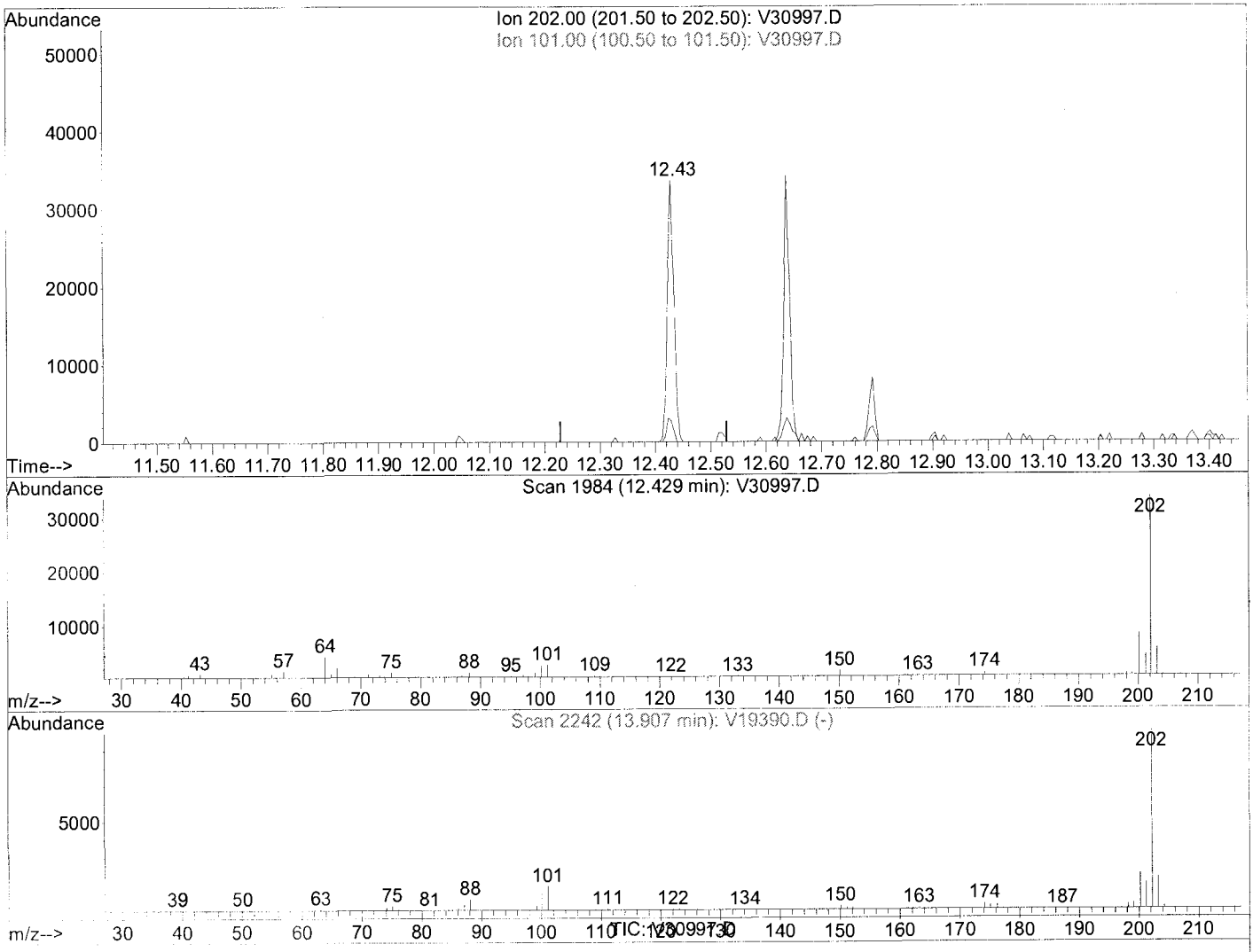
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(67) C655 Fluoranthene (TC)

12.43min 1.09ng

response 27760

Ion	Exp%	Act%
202.00	100	100
101.00	11.90	8.11
0.00	0.00	0.00
0.00	0.00	0.00

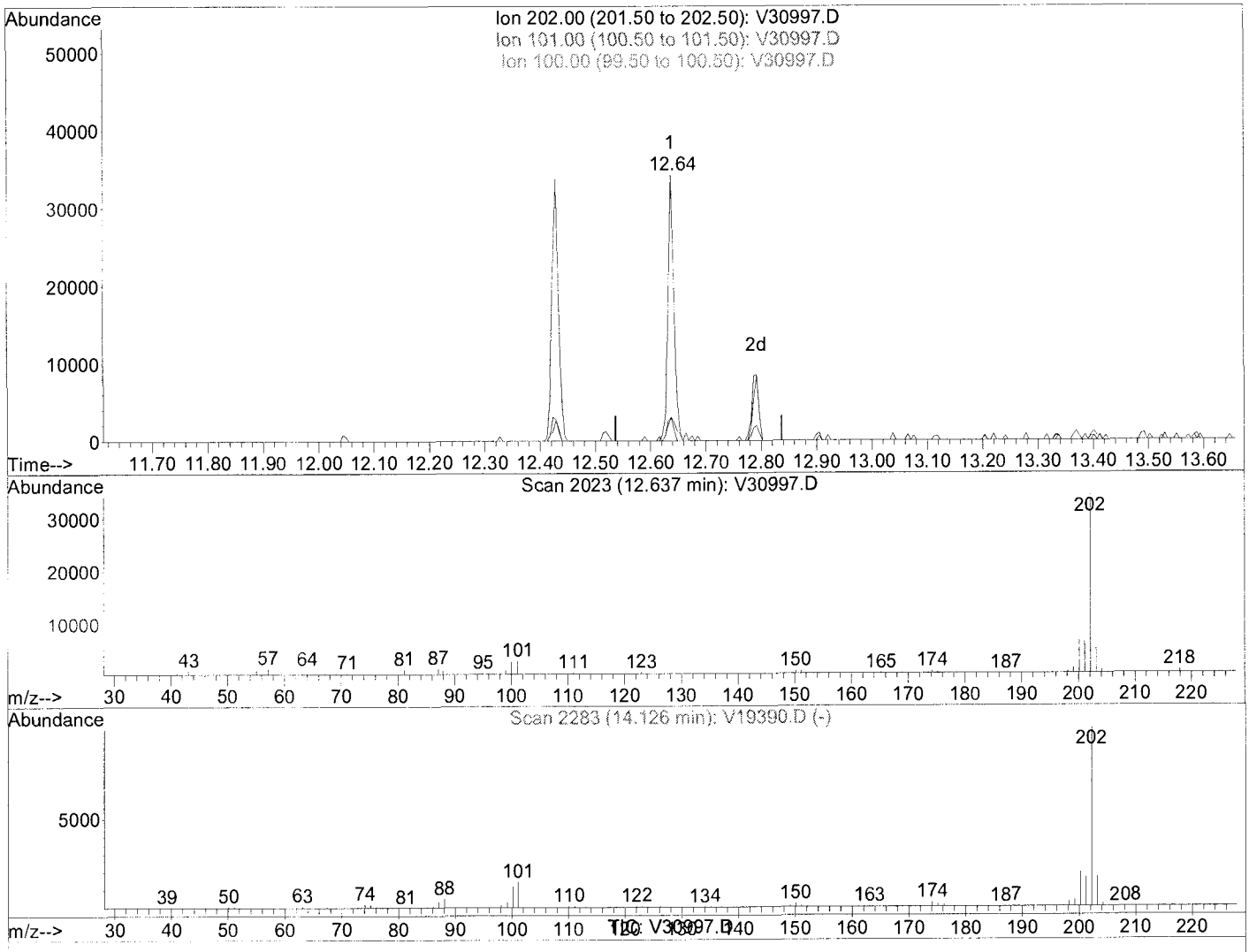
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(69) C715 Pyrene (M)

12.64min 0.94ng

response 25396

Ion	Exp%	Act%
202.00	100	100
101.00	14.70	8.80
100.00	11.30	8.67
0.00	0.00	0.00

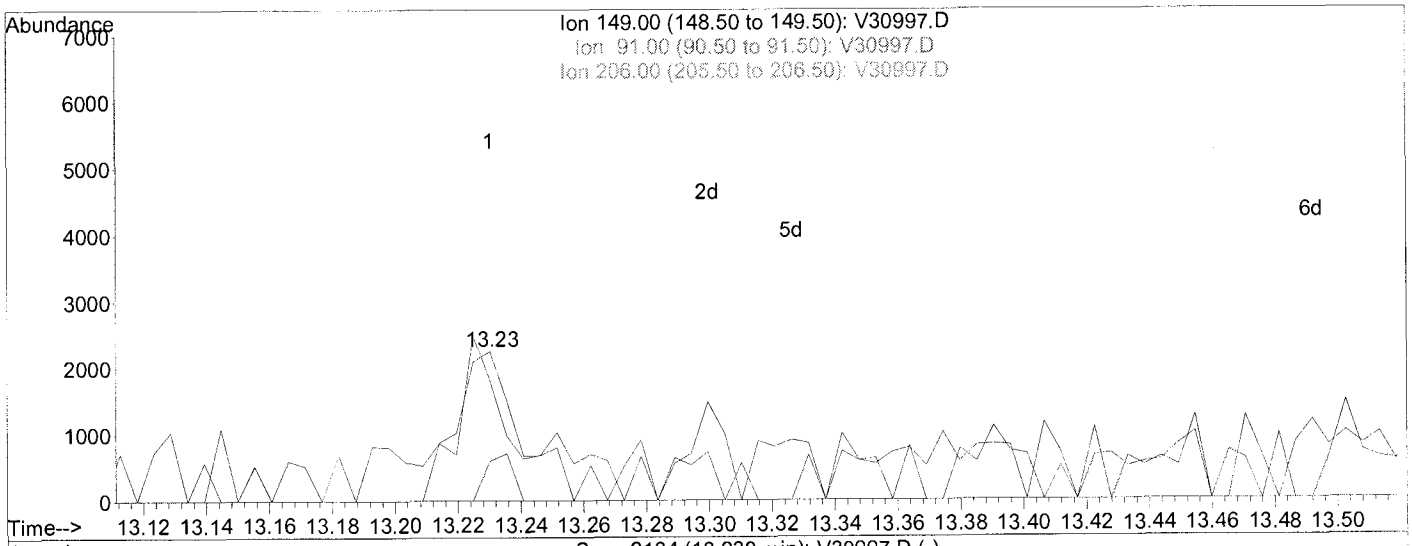
Quantitation Report (Qedit)

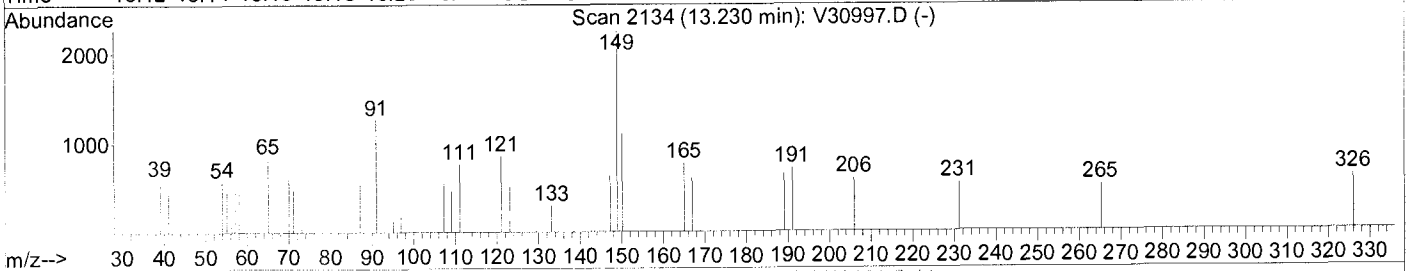
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

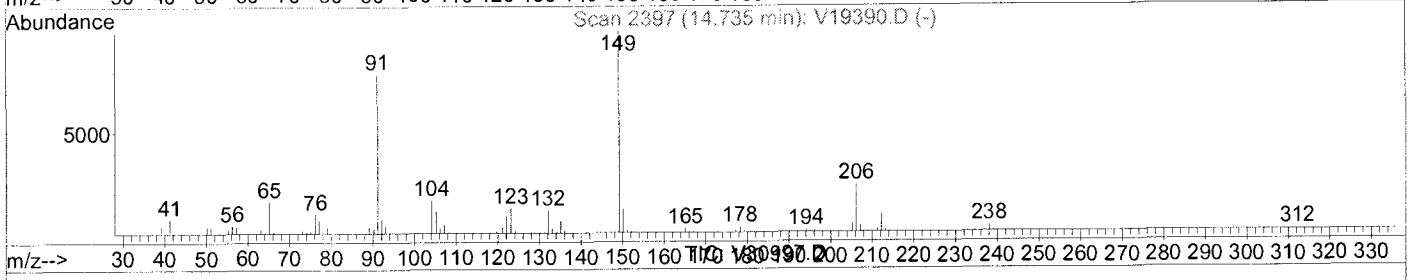
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(72) C720 Butylbenzylphthalate (T)

13.23min 0.29ng

response 3354

Ion	Exp%	Act%
149.00	100	100
91.00	58.20	55.06
206.00	19.30	26.62
0.00	0.00	0.00

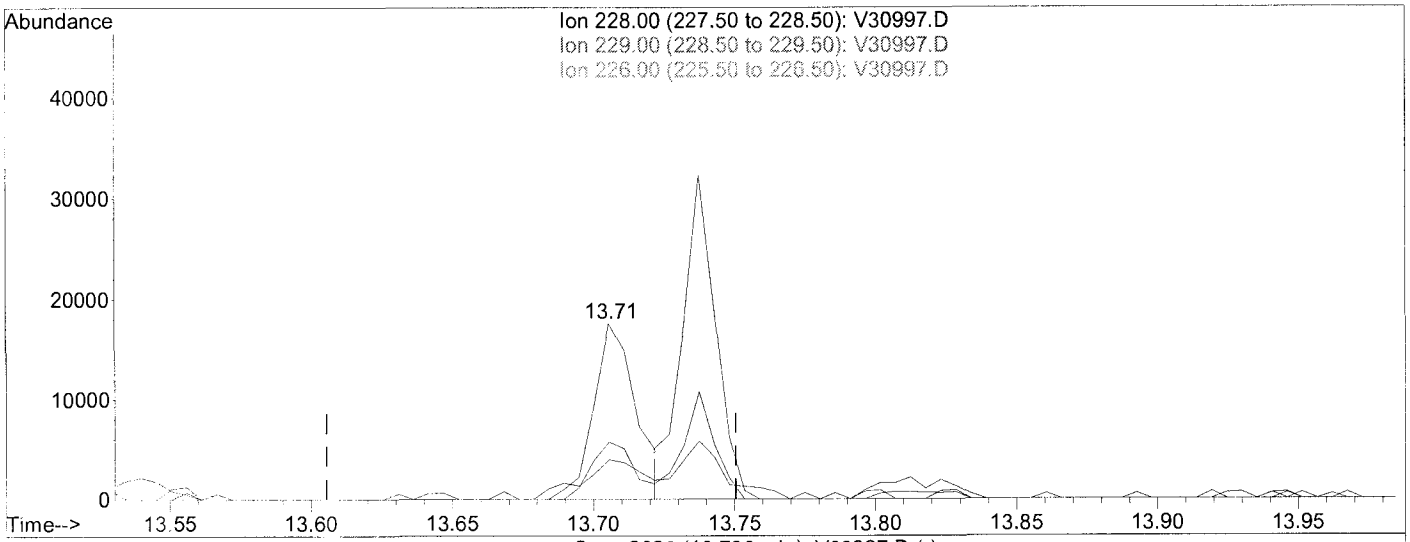
Quantitation Report (Qedit)

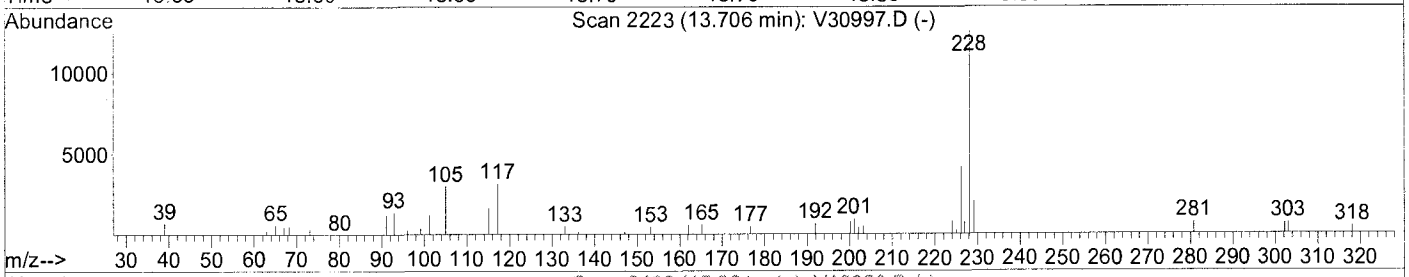
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

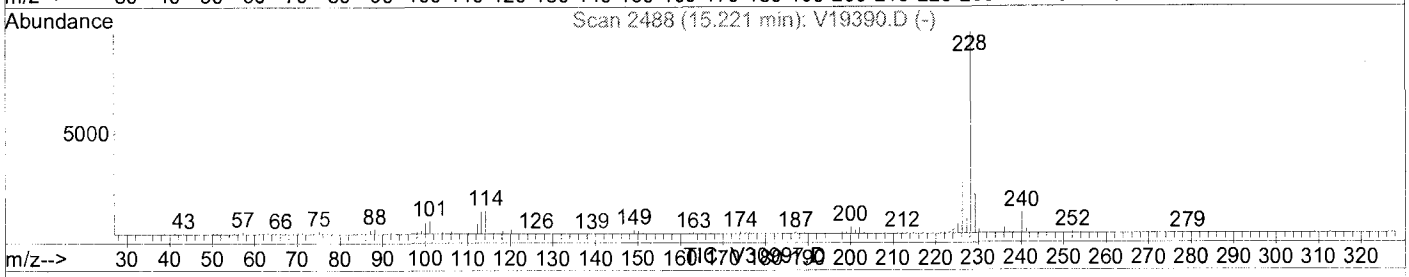
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(74) C730 Benzo[a]anthracene (T)

13.71min 0.72ng

response 18343

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.40
226.00	25.60	32.54
0.00	0.00	0.00

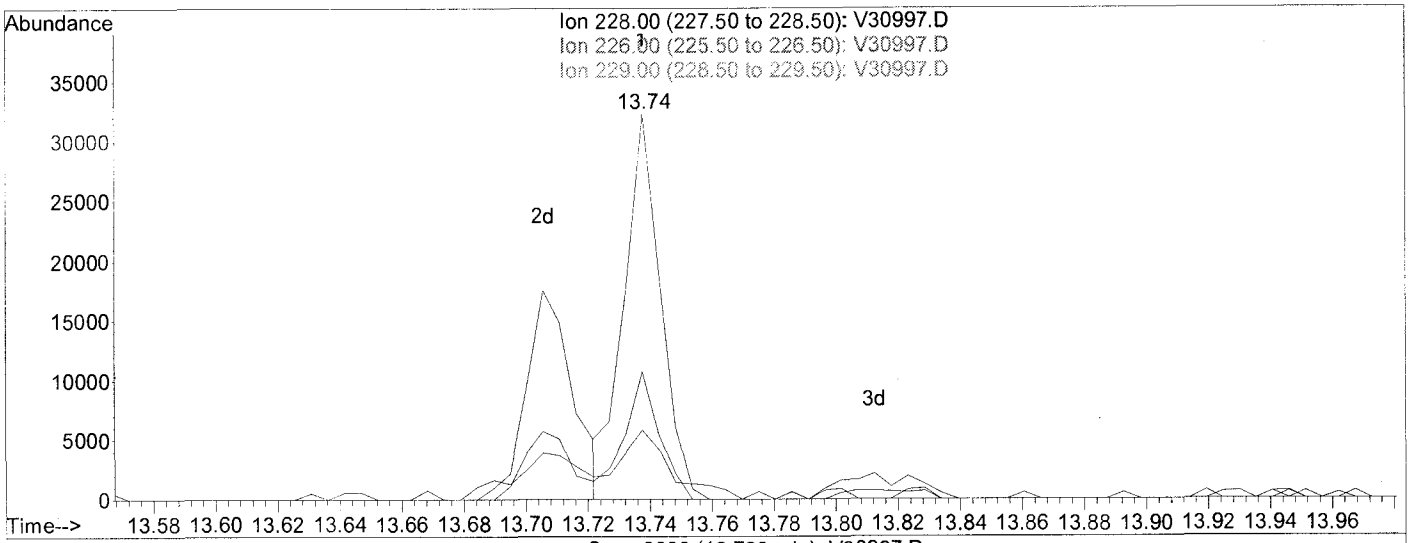
Quantitation Report (Qedit)

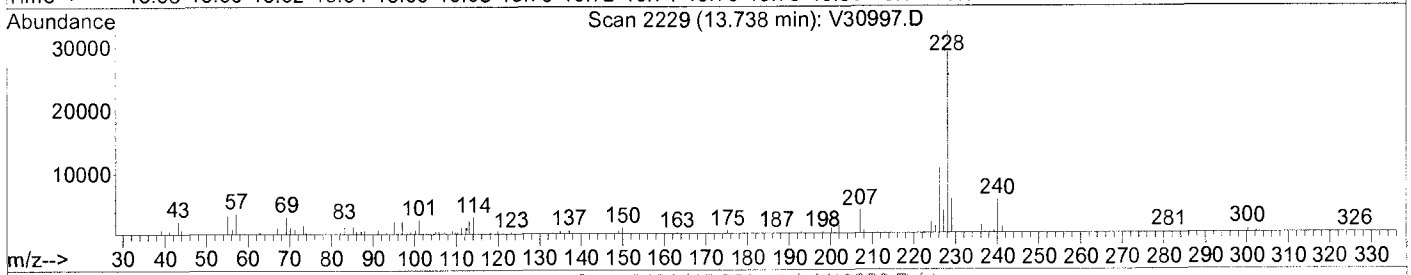
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

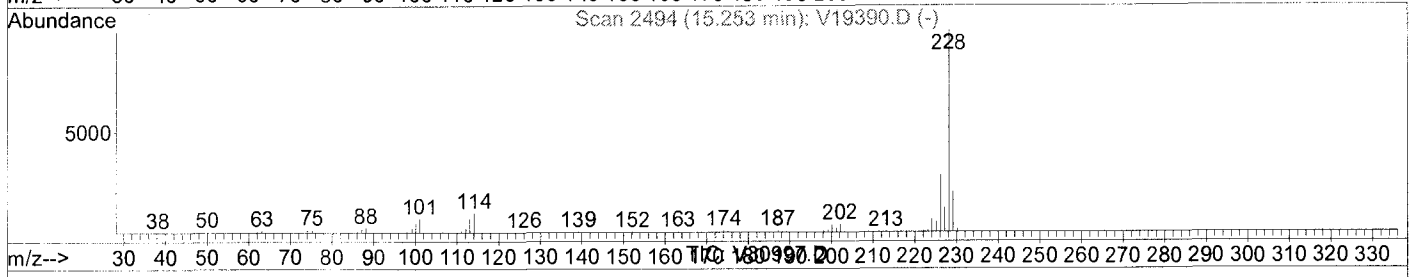
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.74min 1.06ng

response 26403

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	33.17
229.00	19.20	15.50
0.00	0.00	0.00

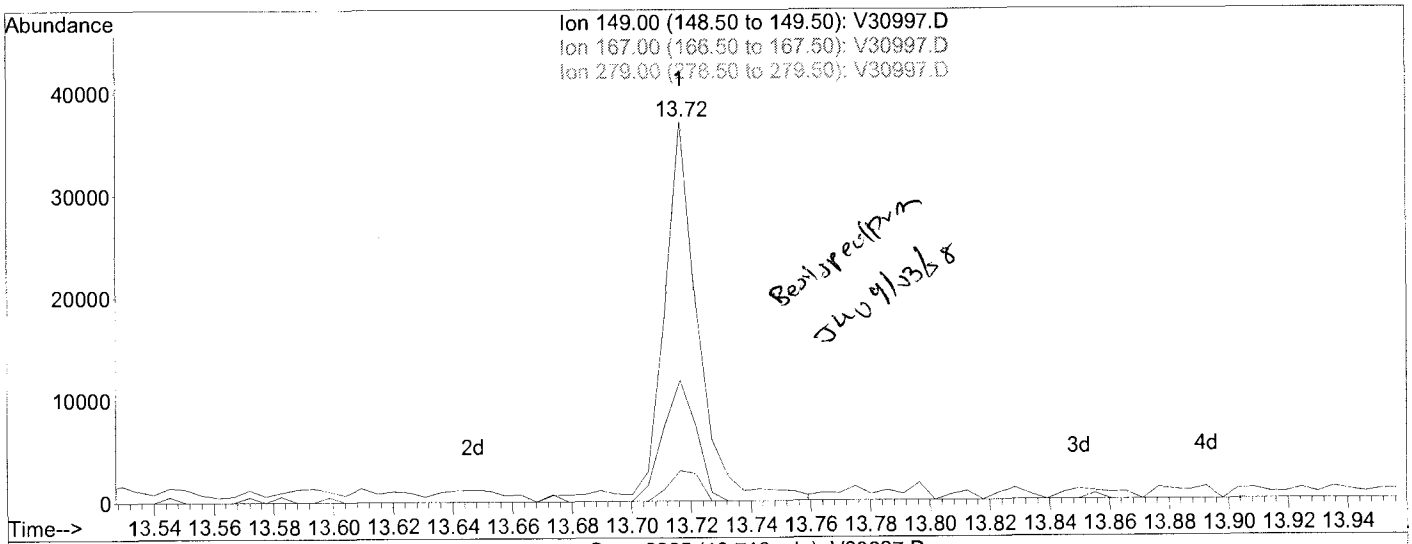
Quantitation Report (Qedit)

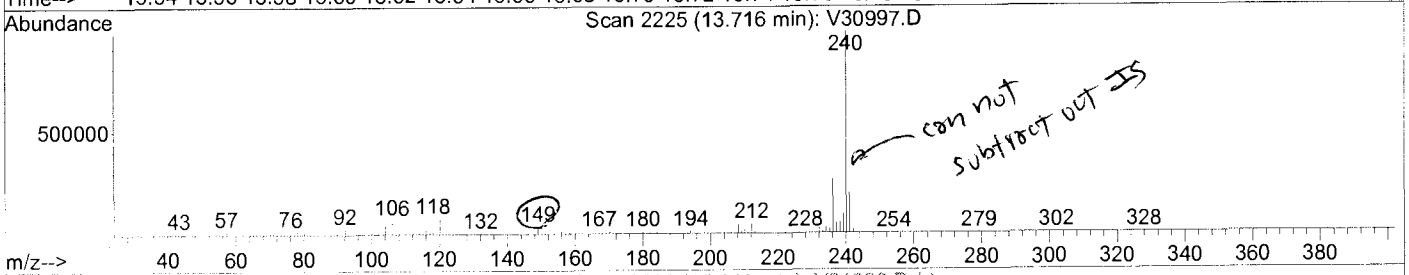
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:24 2008

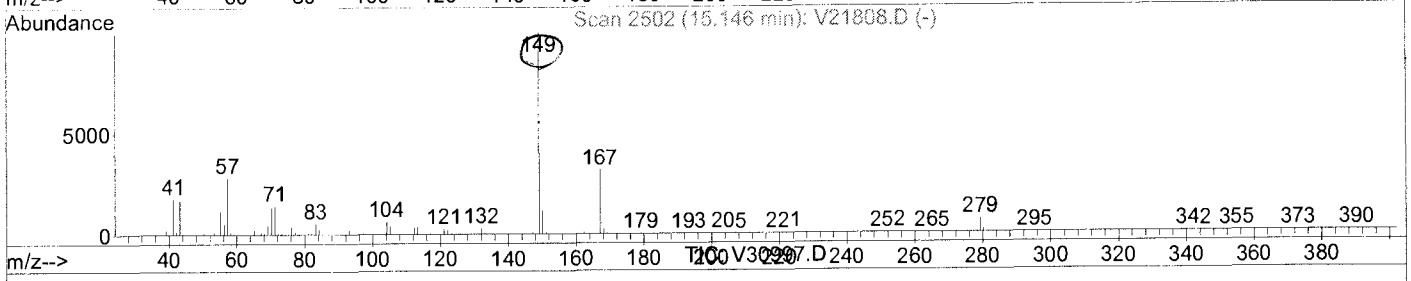
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(76) C740 bis(2-Ethylhexyl)phthalate (T)

13.72min 1.88ng

response 30286

Ion	Exp%	Act%
149.00	100	100
167.00	28.30	31.75
279.00	6.10	7.93
0.00	0.00	0.00

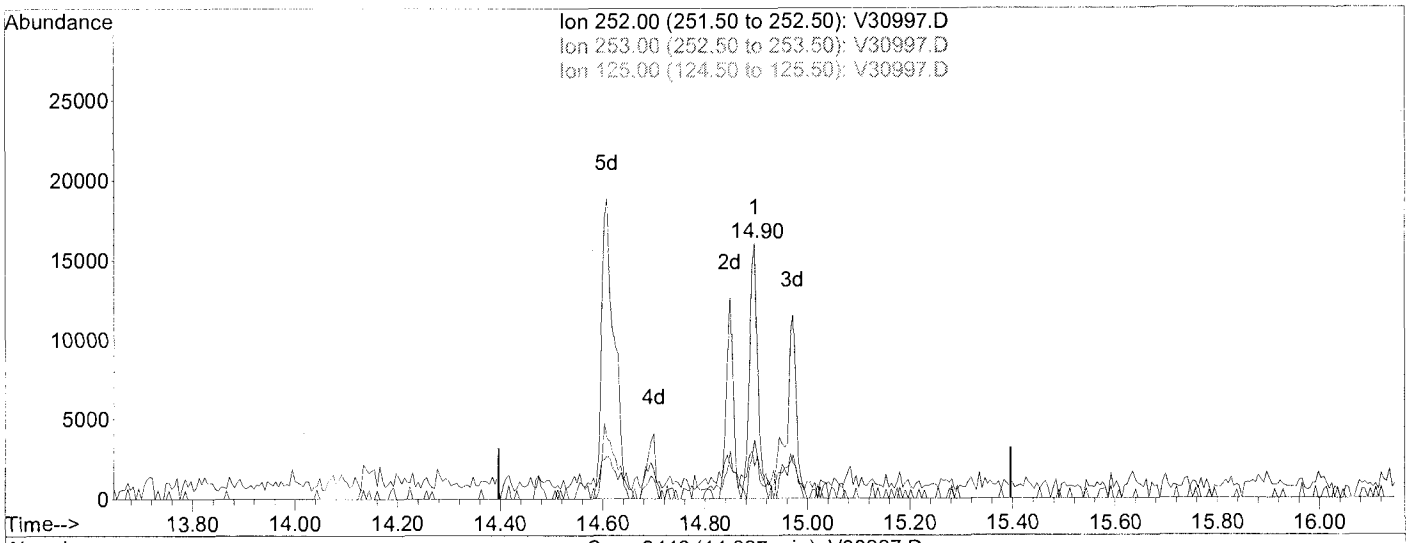
Quantitation Report (Qedit)

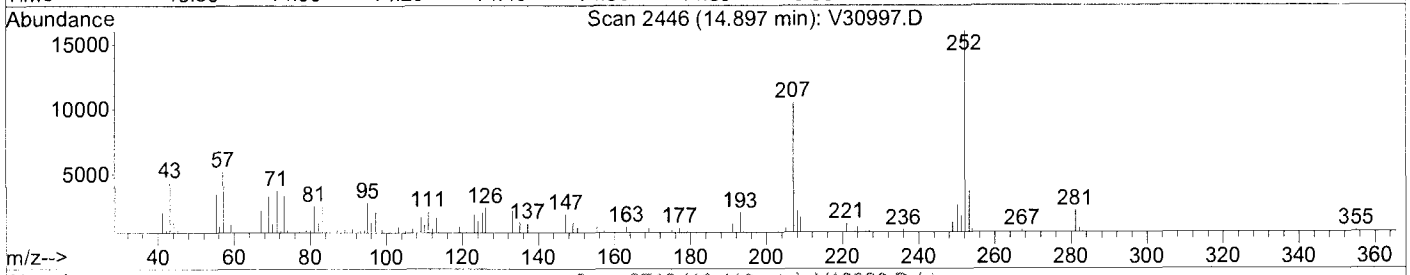
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:26 2008

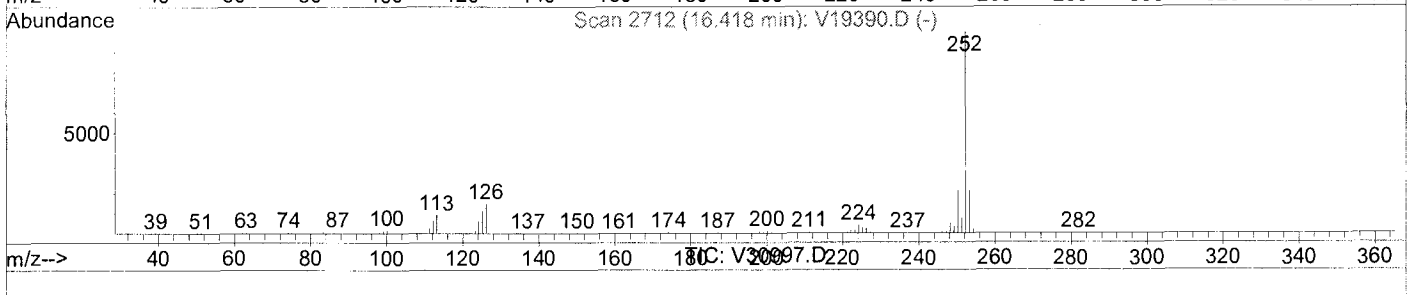
Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(81) C775 Benzo[a]pyrene (TC)

14.90min 0.68ng

response 18669

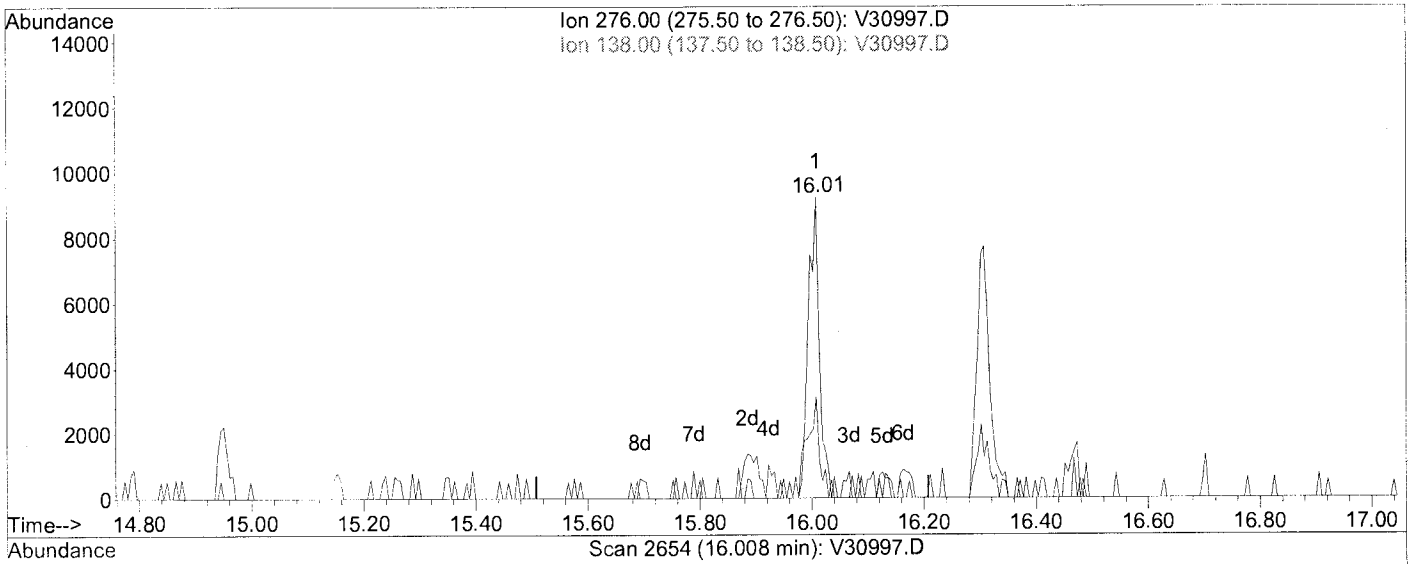
Ion	Exp%	Act%
252.00	100	100
253.00	21.00	18.51
125.00	10.80	5.44
0.00	0.00	0.00

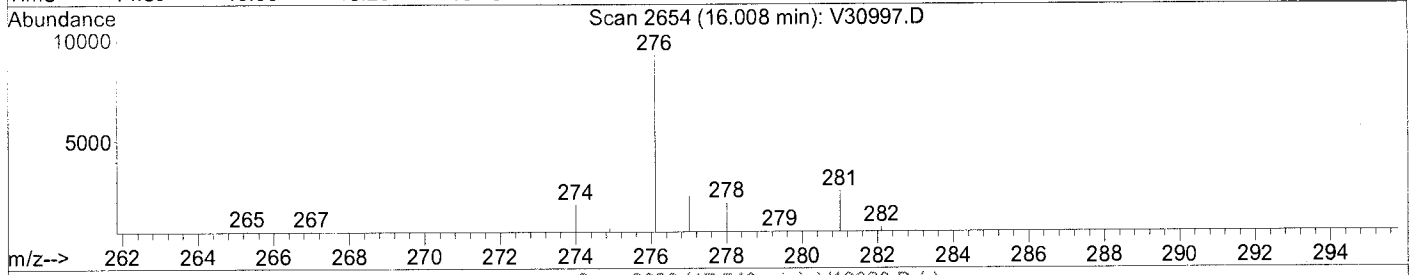
Quantitation Report (Qedit)

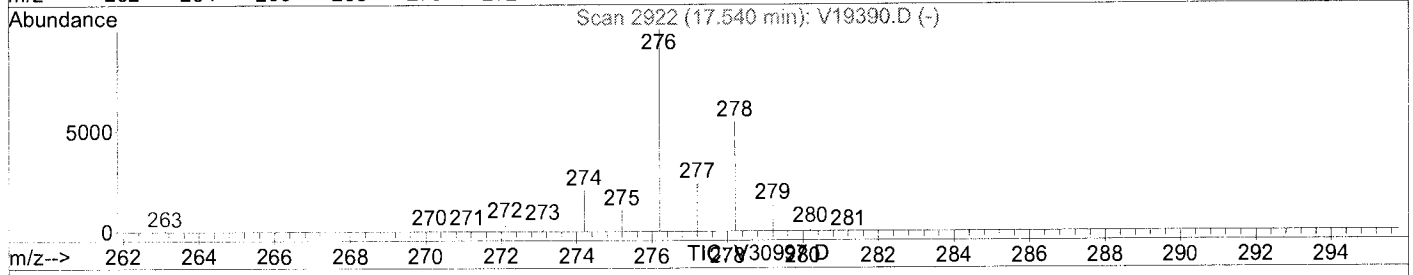
Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:26 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(82) C780 Indeno[1,2,3-cd]pyrene (T)

16.01min 0.42ng

response 13097

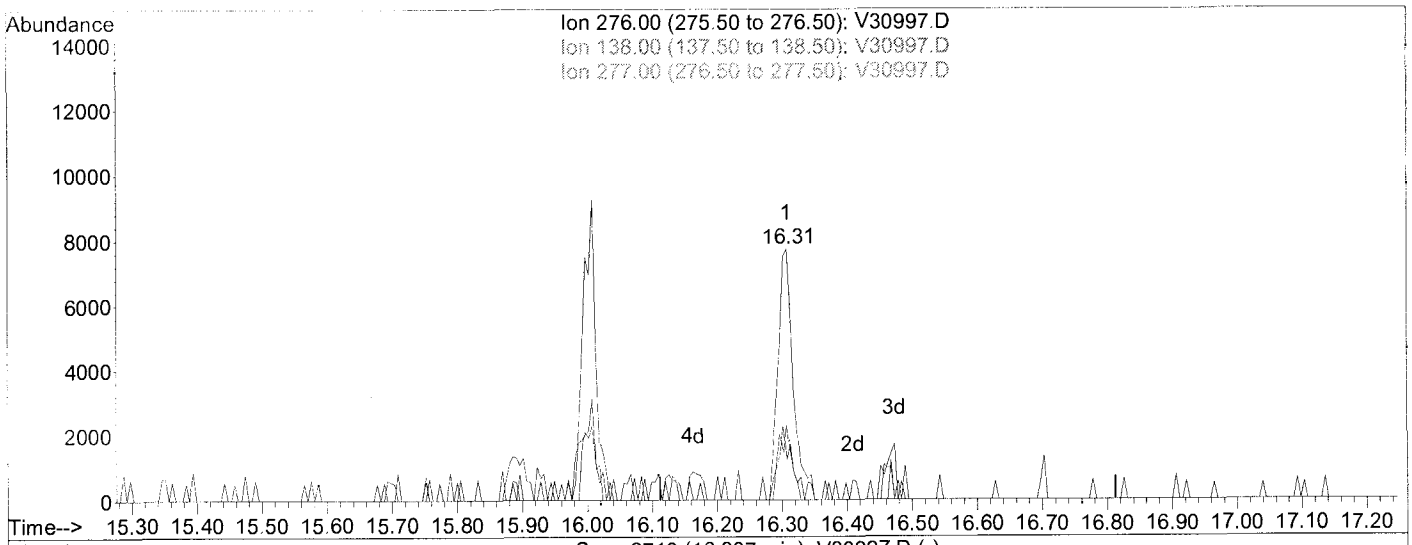
Ion	Exp%	Act%
276.00	100	100
138.00	27.10	33.88
0.00	0.00	0.00
0.00	0.00	0.00

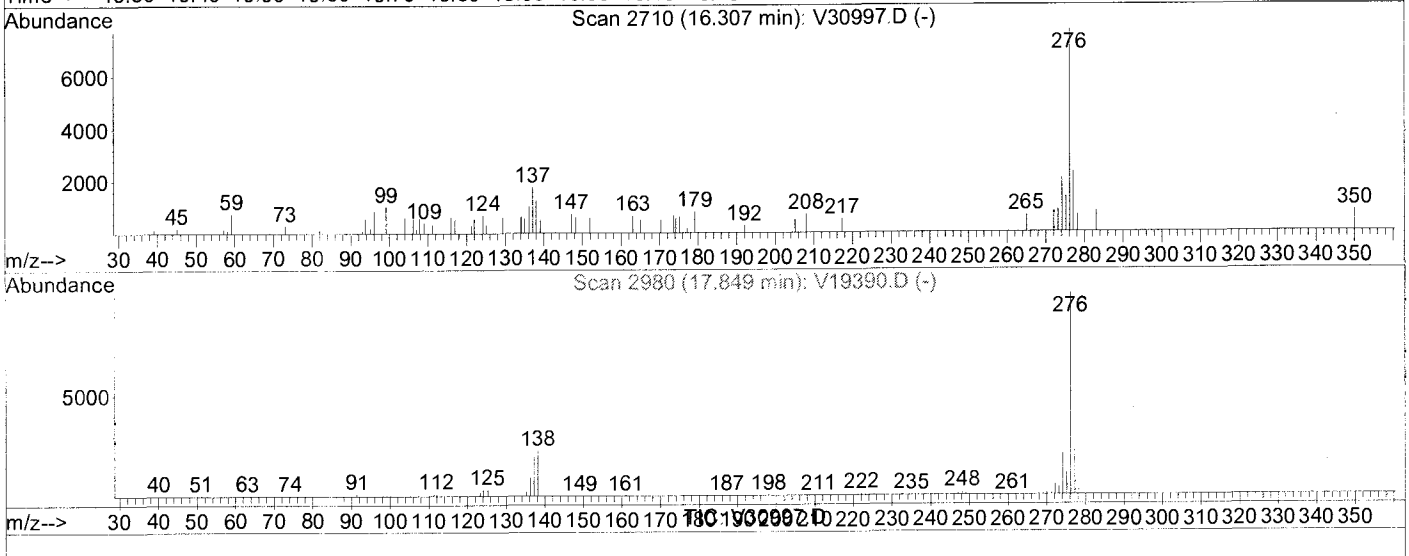
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30997.D
Acq On : 2 Sep 2008 18:43
Sample : A8A47501 AS80010958
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:26 2008

Vial: 27
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration





(84) C790 Benzo[g,h,i]perylene (T)

16.31min 0.48ng

response 12624

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	16.17
277.00	23.10	29.80
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 30.59 (g/mL) G Lab File ID: V30998.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 33 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	J
208-96-8	Acenaphthylene	1600	J
98-86-2	Acetophenone	9600	U
120-12-7	Anthracene	2600	J
1912-24-9	Atrazine	9600	U
100-52-7	Benzaldehyde	9600	U
56-55-3	Benzo(a)anthracene	15000	
205-99-2	Benzo(b)fluoranthene	18000	
207-08-9	Benzo(k)fluoranthene	4600	J
191-24-2	Benzo(ghi)perylene	18000	
50-32-8	Benzo(a)pyrene	19000	
92-52-4	Biphenyl	9600	U
111-91-1	Bis(2-chloroethoxy) methane	9600	U
111-44-4	Bis(2-chloroethyl) ether	9600	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9600	U
117-81-7	Bis(2-ethylhexyl) phthalate	9600	U
101-55-3	4-Bromophenyl phenyl ether	9600	U
85-68-7	Butyl benzyl phthalate	9600	U
105-60-2	Caprolactam	50000	U
106-47-8	4-Chloroaniline	9600	U
59-50-7	4-Chloro-3-methylphenol	9600	U
91-58-7	2-Chloronaphthalene	9600	U
95-57-8	2-Chlorophenol	9600	U
7005-72-3	4-Chlorophenyl phenyl ether	9600	U
86-74-8	Carbazole	650	J
218-01-9	Chrysene	15000	B
53-70-3	Dibenzo(a,h)anthracene	7400	J
132-64-9	Dibenzofuran	450	J
84-74-2	Di-n-butyl phthalate	9600	U
91-94-1	3,3'-Dichlorobenzidine	47000	U
120-83-2	2,4-Dichlorophenol	9600	U
84-66-2	Diethyl phthalate	9600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 30.59 (g/mL) G Lab File ID: V30998.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 33 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	9600	U
131-11-3	Dimethyl phthalate	9600	U
534-52-1	4,6-Dinitro-2-methylphenol	50000	U
51-28-5	2,4-Dinitrophenol	50000	U
121-14-2	2,4-Dinitrotoluene	9600	U
606-20-2	2,6-Dinitrotoluene	9600	U
117-84-0	Di-n-octyl phthalate	9600	U
206-44-0	Fluoranthene	19000	
86-73-7	Fluorene	630	J
118-74-1	Hexachlorobenzene	9600	U
87-68-3	Hexachlorobutadiene	9600	U
77-47-4	Hexachlorocyclopentadiene	9600	U
67-72-1	Hexachloroethane	9600	U
193-39-5	Indeno(1,2,3-cd)pyrene	10000	
78-59-1	Isophorone	9600	U
91-57-6	2-Methylnaphthalene	9600	U
95-48-7	2-Methylphenol	9600	U
106-44-5	4-Methylphenol	9600	U
91-20-3	Naphthalene	330	J
88-74-4	2-Nitroaniline	50000	U
99-09-2	3-Nitroaniline	50000	U
100-01-6	4-Nitroaniline	50000	U
98-95-3	Nitrobenzene	9600	U
88-75-5	2-Nitrophenol	9600	U
100-02-7	4-Nitrophenol	50000	U
86-30-6	N-nitrosodiphenylamine	9600	U
621-64-7	N-Nitroso-Di-n-propylamine	9600	U
87-86-5	Pentachlorophenol	9600	U
85-01-8	Phenanthrene	11000	
108-95-2	Phenol	9600	U
129-00-0	Pyrene	16000	
95-95-4	2,4,5-Trichlorophenol	9600	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47502

Sample wt/vol: 30.59 (g/mL) G Lab File ID: V30998.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 33 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	9600	U

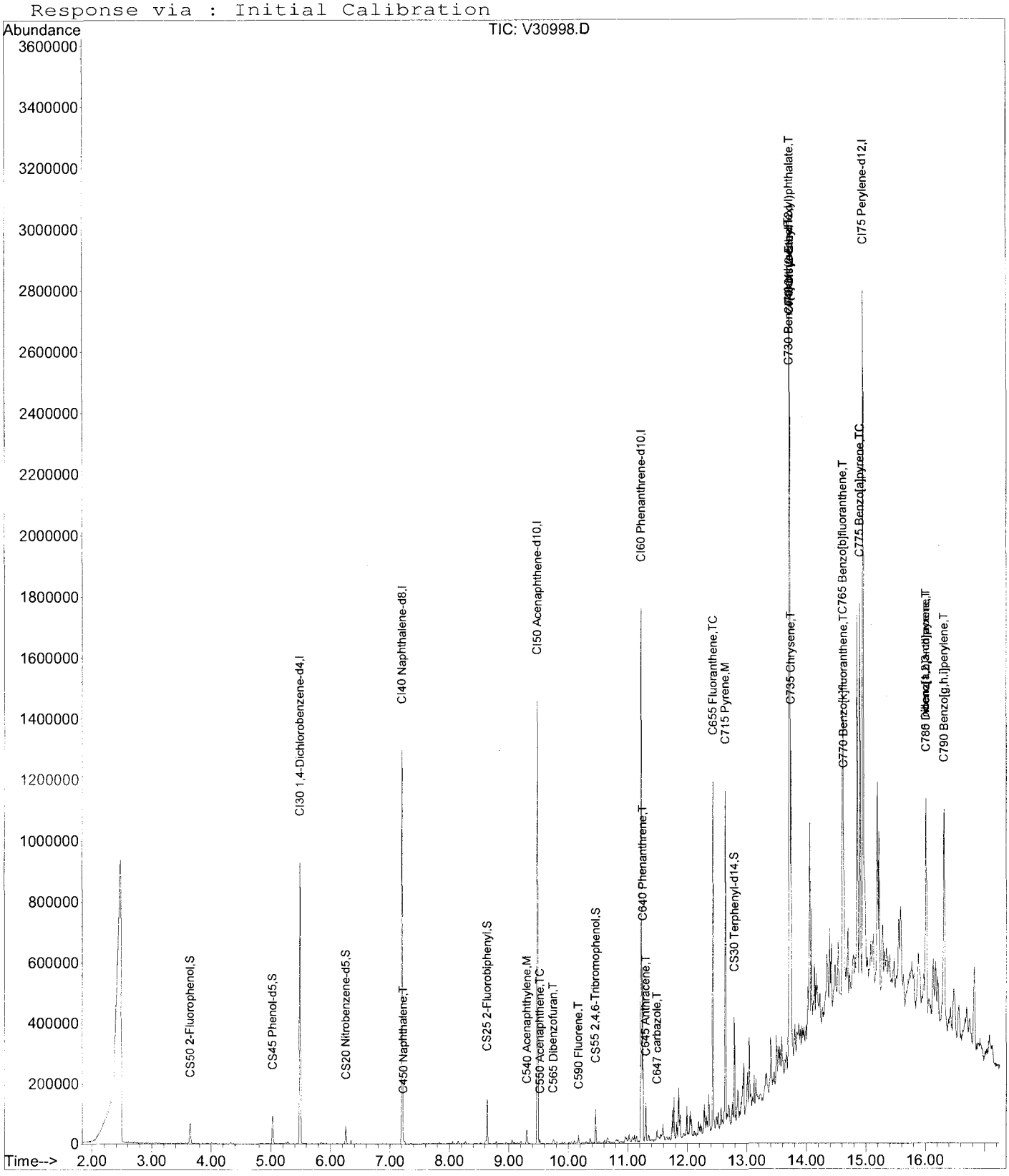
Quantitation Report (QT Reviewed) **1270/3648** No Add

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:19 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	152893	40.00	ng	0.00 81.02%
20) CI40 Naphthalene-d8	7.20	136	564652	40.00	ng	0.00 81.34%
35) CI50 Acenaphthene-d10	9.48	164	326168	40.00	ng	0.00 83.17%
56) CI60 Phenanthrene-d10	11.23	188	684502	40.00	ng	0.00 85.66%
68) CI70 Chrysene-d12	13.72	240	745556	40.00	ng	0.00 105.22%
78) CI75 Perylene-d12	14.95	264	810018	40.00	ng	0.00 141.55%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.65	112	24395	4.23	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	2.82%#		
5) CS45 Phenol-d5	5.03	99	40261	5.44	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	3.63%#		
6) CS70 2-chlorophenol-d4	5.49	132	328	0.06	ng	0.32
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.04%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.26	82	24882	3.44	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	3.44%#		
39) CS25 2-Fluorobiphenyl	8.64	172	48619	3.97	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	3.97%#		
59) CS55 2,4,6-Tribromophenol	10.46	330	9032	6.37	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	4.25%#		
71) CS30 Terphenyl-d14	12.79	244	68283	4.04	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	4.04%#		

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	0.00	94	0	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	5.47	45	202	N.D.
16) C355 2-Methylphenol	6.12	108	255	N.D.
17) C375 Hexachloroethane	5.73	117	161	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	6.12	108	255	N.D.
22) C410 Nitrobenzene	0.00	77	0	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:19 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.88	107	174	N.D.			
27)	C435 bis(2-Chloroethoxy)me	6.74	93	185	N.D.			
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.			
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.			
30)	C450 Naphthalene	7.23	128	5153	0.34	ng		78
31)	C455 4-Chloroaniline	7.23	127	487	N.D.			
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylphen	8.46	107	195	N.D.			
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.	d		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41)	C530 2-Nitroaniline	9.05	65	187	N.D.			
42)	C540 Acenaphthylene	9.30	152	27741	1.68	ng		93
43)	C535 Dimethylphthalate	0.00	163	0	N.D.			
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45)	C550 Acenaphthene	9.52	153	4250	0.42	ng		96
46)	C545 3-Nitroaniline	0.00	138	0	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	9.75	168	6949	0.46	ng		95
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50)	C560 4-Nitrophenol	0.00	109	0	N.D.			
51)	C590 Fluorene	10.17	166	7903	0.64	ng	#	78
52)	C585 4-Chlorophenyl-phenyl	9.77	204	162	N.D.			
53)	C580 Diethylphthalate	0.00	149	0	N.D.			
54)	C620 1,2 diphenylhydrazine	10.35	77	180	N.D.			
55)	C595 4-Nitroaniline	0.00	138	0	N.D.			
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylamin	10.30	169	165	N.D.			
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	0.00	266	0	N.D.			
63)	C640 Phenanthrene	11.25	178	190117	11.28	ng		97
64)	C645 Anthracene	11.30	178	46547	2.66	ng		92
65)	C647 carbazole	11.49	167	11315	0.67	ng		78
66)	C650 Di-n-butylphthalate	11.81	149	197	N.D.			
67)	C655 Fluoranthene	12.43	202	418698	19.45	ng		93
68)	C715 Pyrene	12.64	202	411236	16.51	ng		94
70)	C710 benzidine	12.60	184	167	N.D.			
72)	C720 Butylbenzylphthalate	13.26	149	798	N.D.			
73)	C725 3,3'-Dichlorobenzidin	13.92	252	1145	N.D.			
74)	C730 Benzo[a]anthracene	13.71	228	358683	15.43	ng		93
75)	C735 Chrysene	13.74	228	345243	15.15	ng		96
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	20379	1.38	ng		85
77)	C760 Di-n-octylphthalate	14.61	149	3166	N.D.			
78)	C765 Benzo[b]fluoranthene	14.61	252	549510m	18.35	ng		90
80)	C770 Benzo[k]fluoranthene	14.62	252	131470m	4.75	ng		92
81)	C775 Benzo[a]pyrene	14.90	252	500459	19.26	ng		94
82)	C780 Indeno[1,2,3-cd]pyren	16.01	276	316326	10.71	ng		87
83)	C785 Dibenz[a,h]anthracene	16.01	278	190153	7.59	ng		92
84)	C790 Benzo[g,h,i]perylene	16.32	276	450878	18.25	ng		90

9/2/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 03 18:46:41 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	152893	40.00	ng	-0.10 96.62%
4) CI40 Naphthalene-d8	7.20	136	564652	40.00	ng	-0.08 101.05%
7) CI50 Acenaphthene-d10	9.48	164	326168	40.00	ng	-0.07 101.15%
10) CI60 Phenanthrene-d10	11.23	188	684502	40.00	ng	-0.06 107.96%
12) CI70 Chrysene-d12	13.72	240	745556	40.00	ng	-0.06 109.86%
13) CI75 Perylene-d12	14.95	264	810018	40.00	ng	-0.06 149.14%

Target Compounds						Qvalue
~~2) E600 Benzaldehyde~~	~~5.49~~	~~77~~	~~10326~~	~~1.79~~	~~ng~~	~~# 1~~
3) E145 Acetophenone	6.04	105	424	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.76	154	578	N.D.		
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	11.55	200	305	N.D.		

(#) = qualifier out of range (m) = manual integration

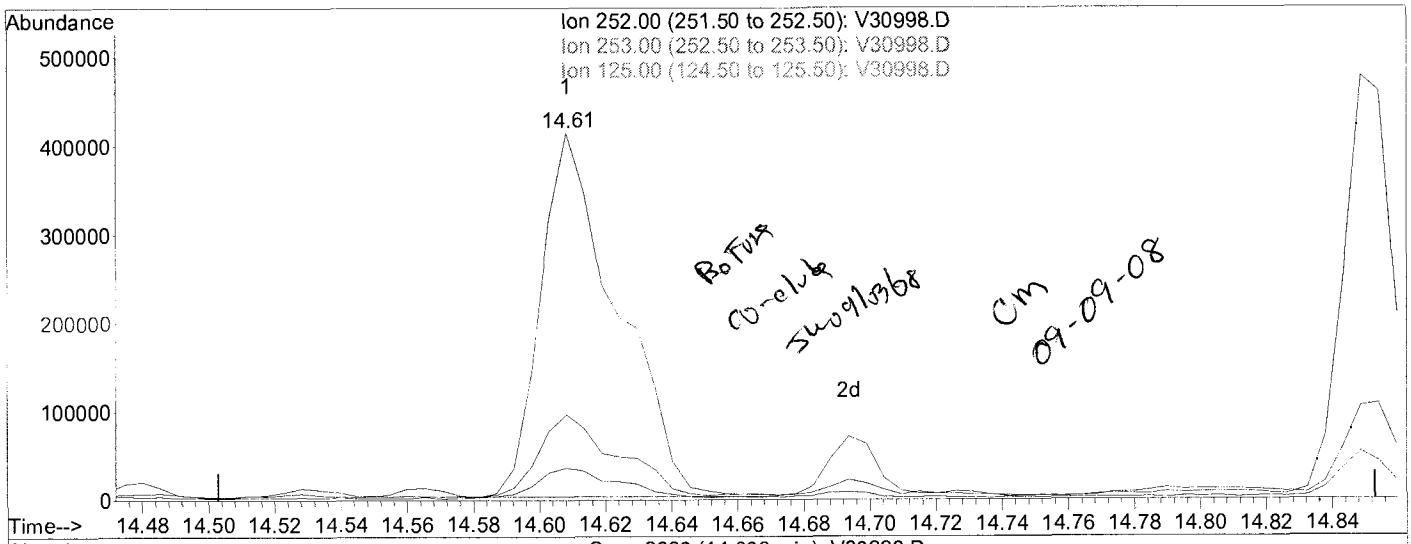
Quantitation Report (Qedit)

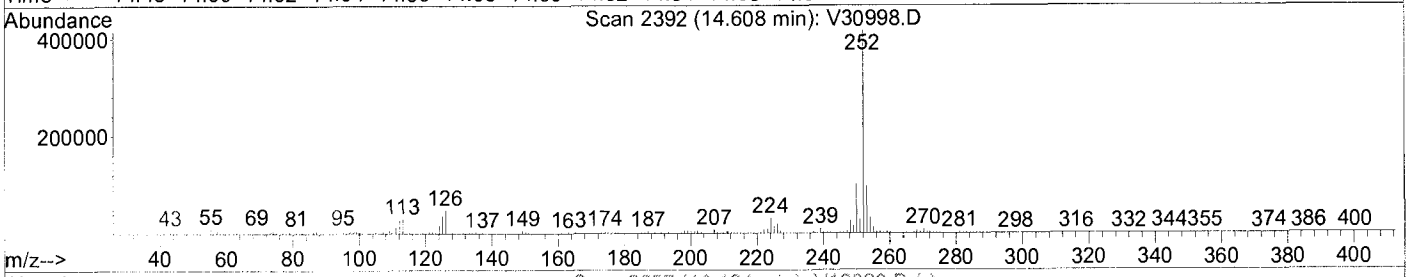
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

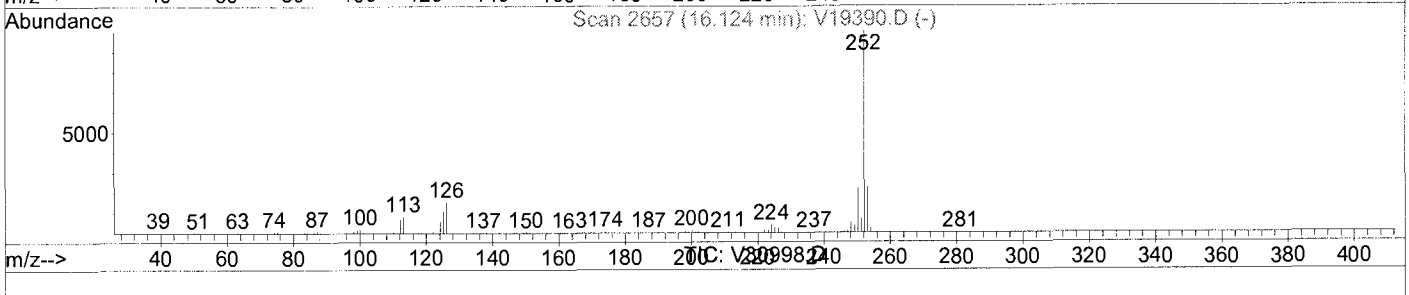
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.61min 22.12ng

response 662279

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.34
125.00	17.90	8.48
0.00	0.00	0.00

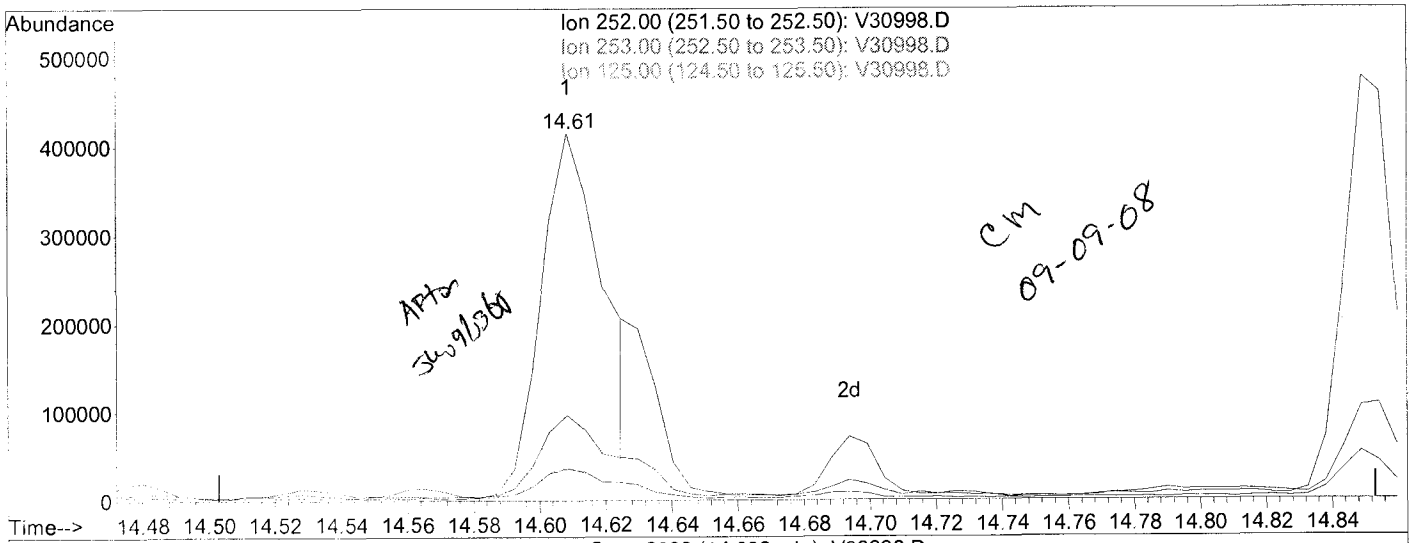
Quantitation Report (Qedit)

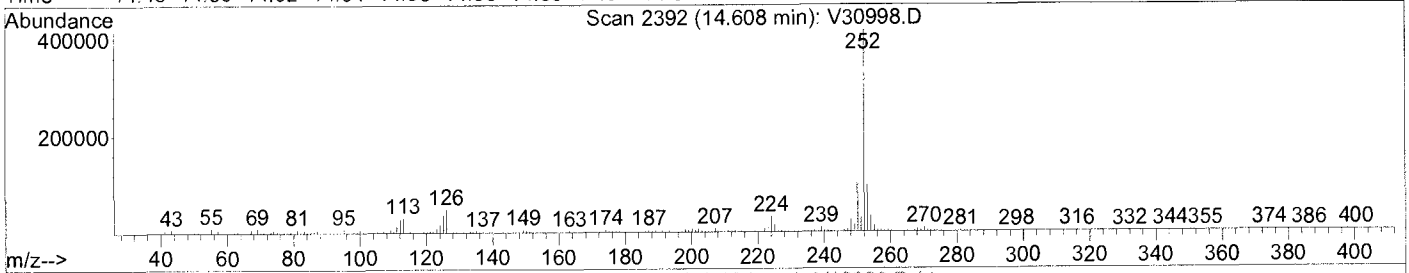
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

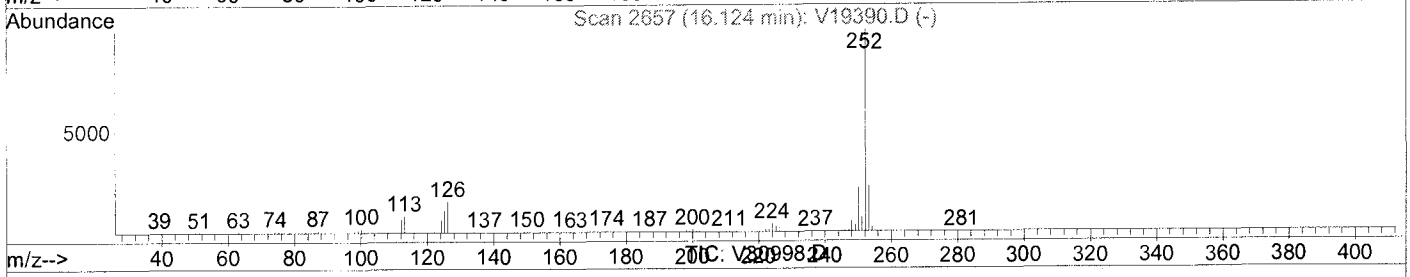
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.61min 18.35ng m

response 549510

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.26
125.00	17.90	8.77
0.00	0.00	0.00

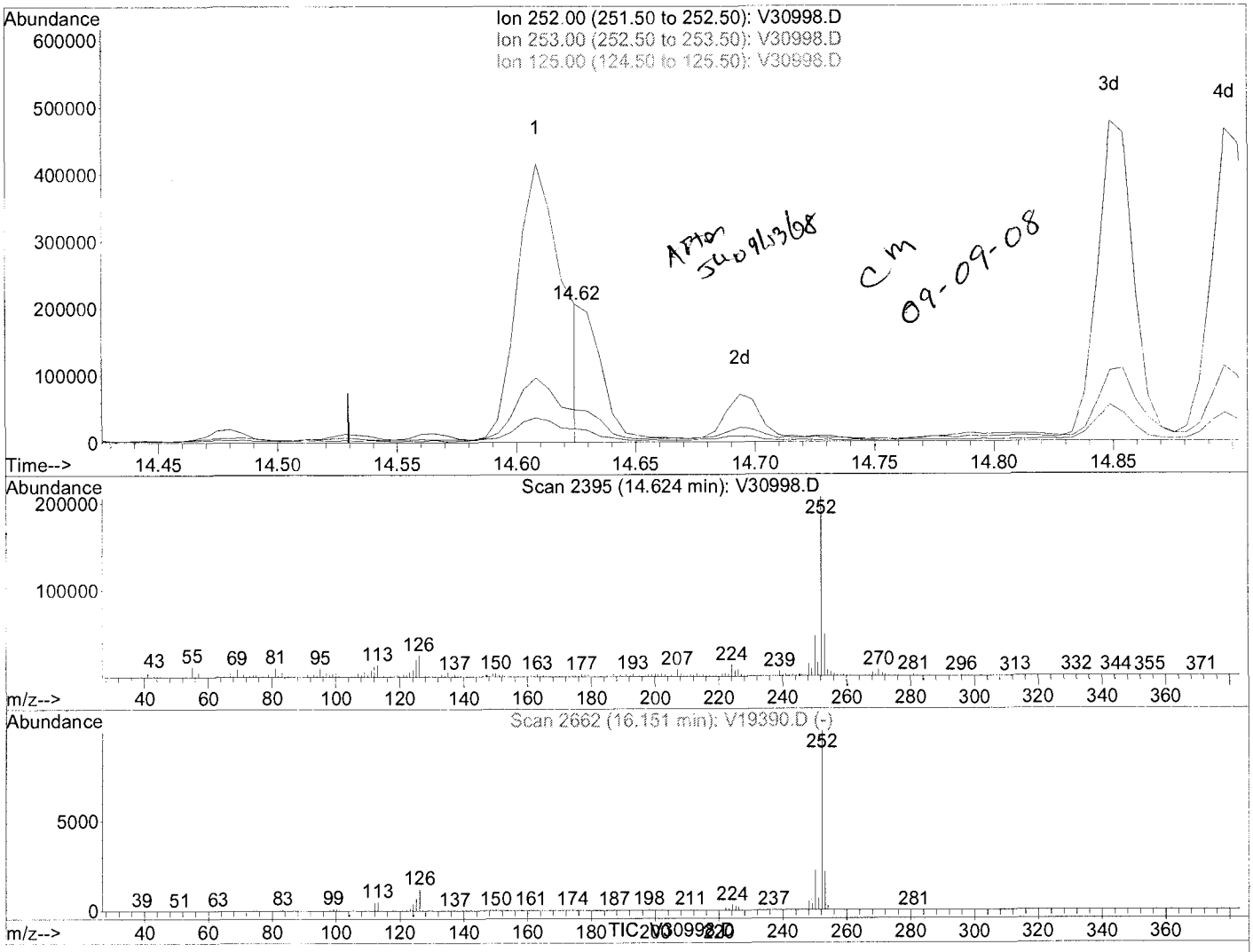
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(80) C770 Benzo[k]fluoranthene (T)

14.62min 4.75ng m

response 131470

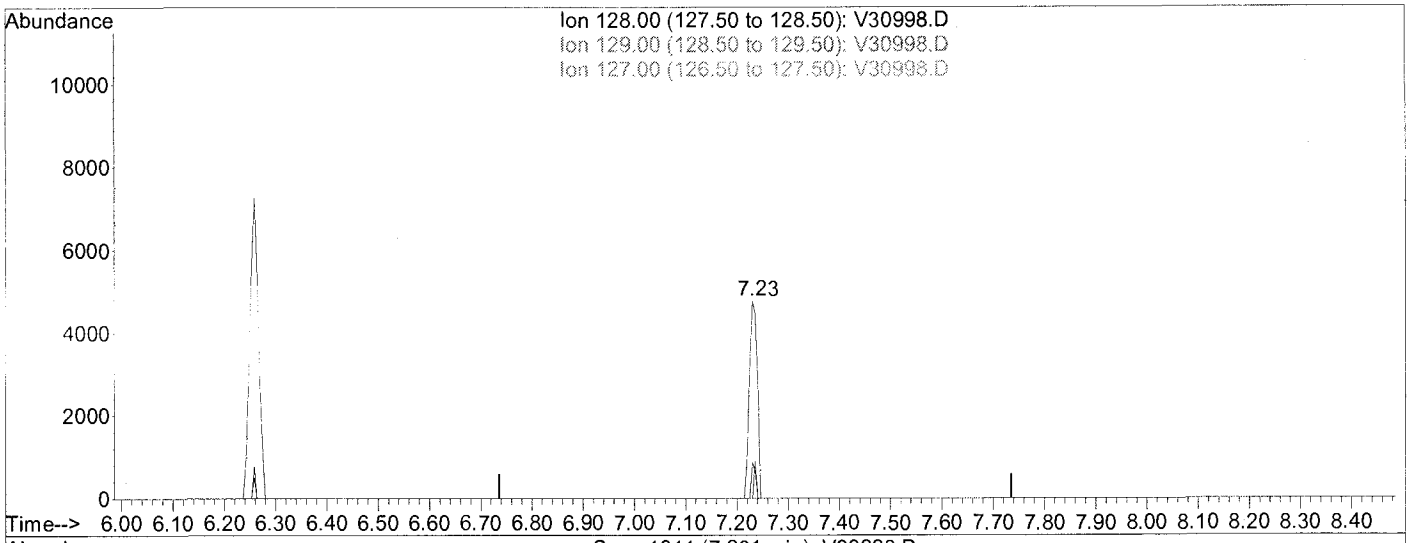
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.45
125.00	16.20	9.90
0.00	0.00	0.00

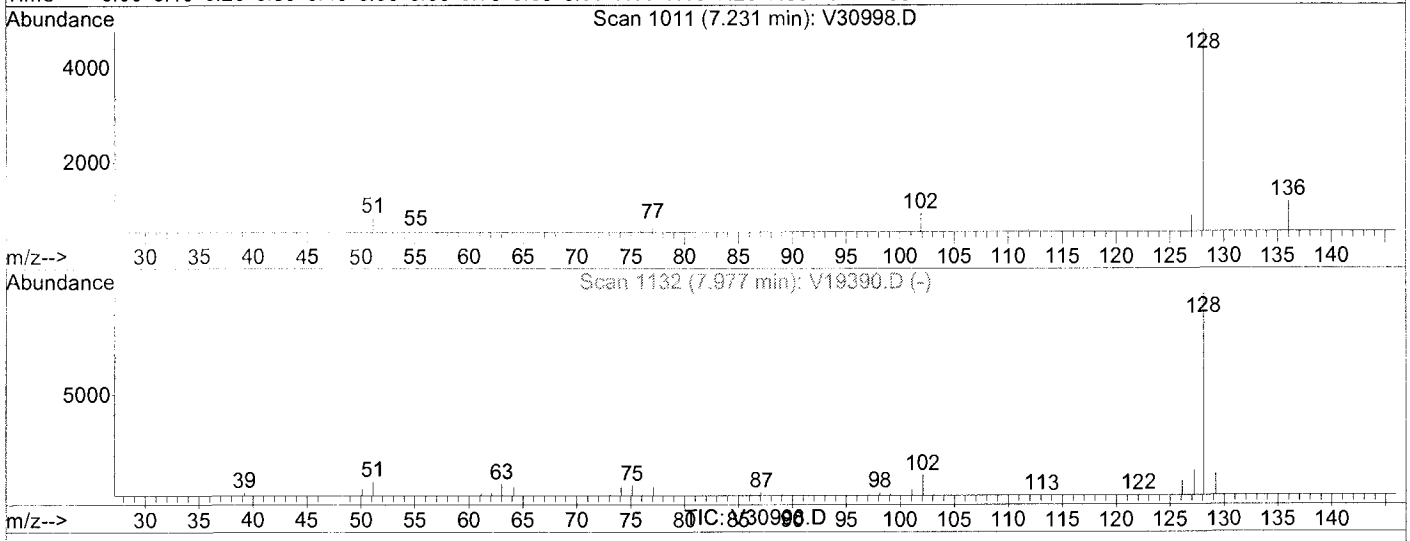
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 7:05 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration





(30) C450 Naphthalene (T)

7.23min 0.34ng

response 5153

Ion	Exp%	Act%
128.00	100	100
129.00	10.60	0.00
127.00	12.00	18.27
0.00	0.00	0.00

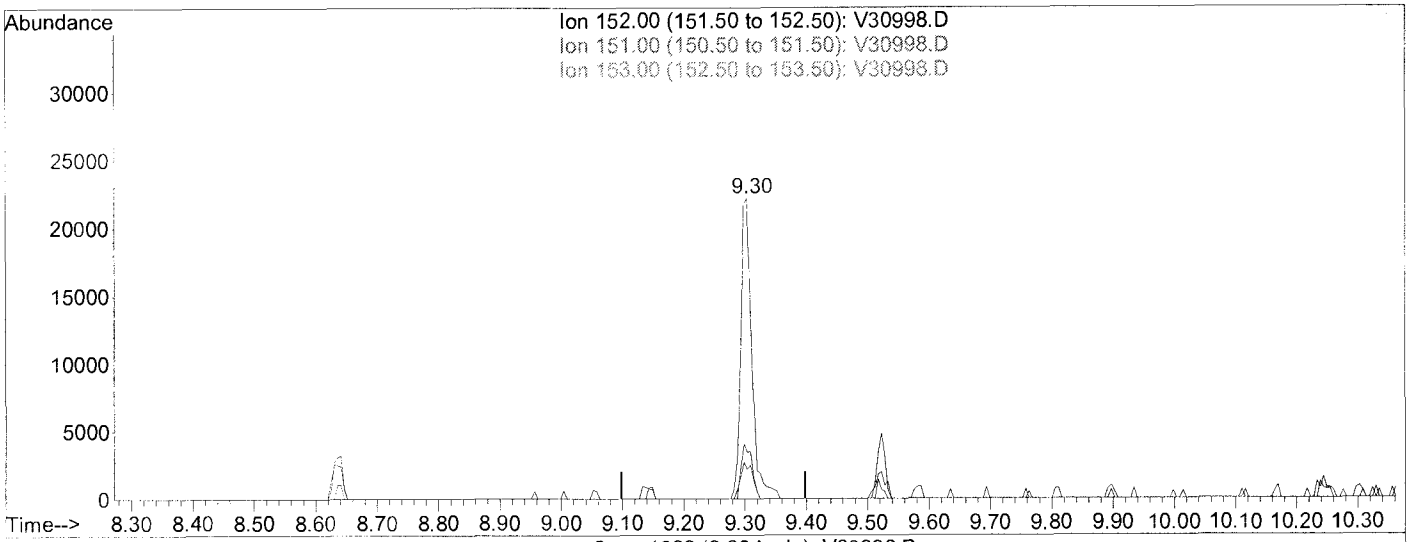
Quantitation Report (Qedit)

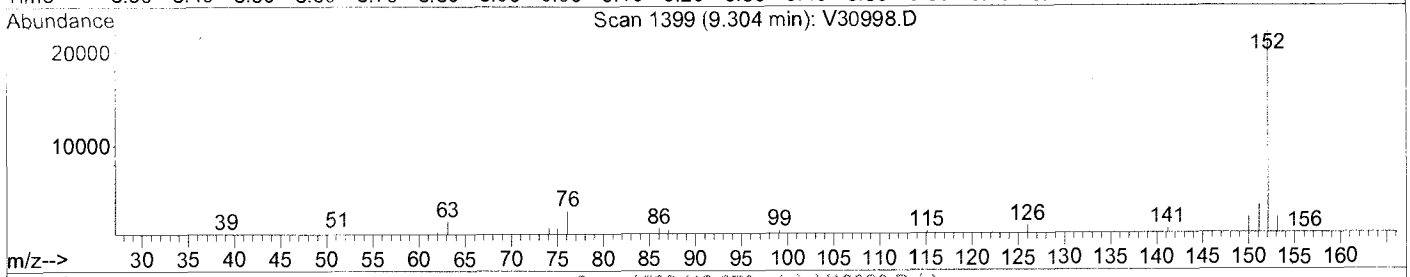
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

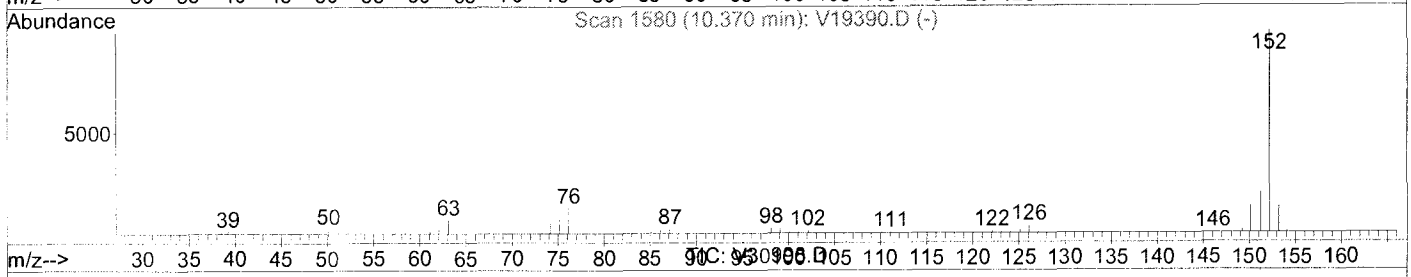
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(42) C540 Acenaphthylene (M)

9.30min 1.68ng

response 27741

Ion	Exp%	Act%
152.00	100	100
151.00	18.20	15.60
153.00	12.80	9.77
0.00	0.00	0.00

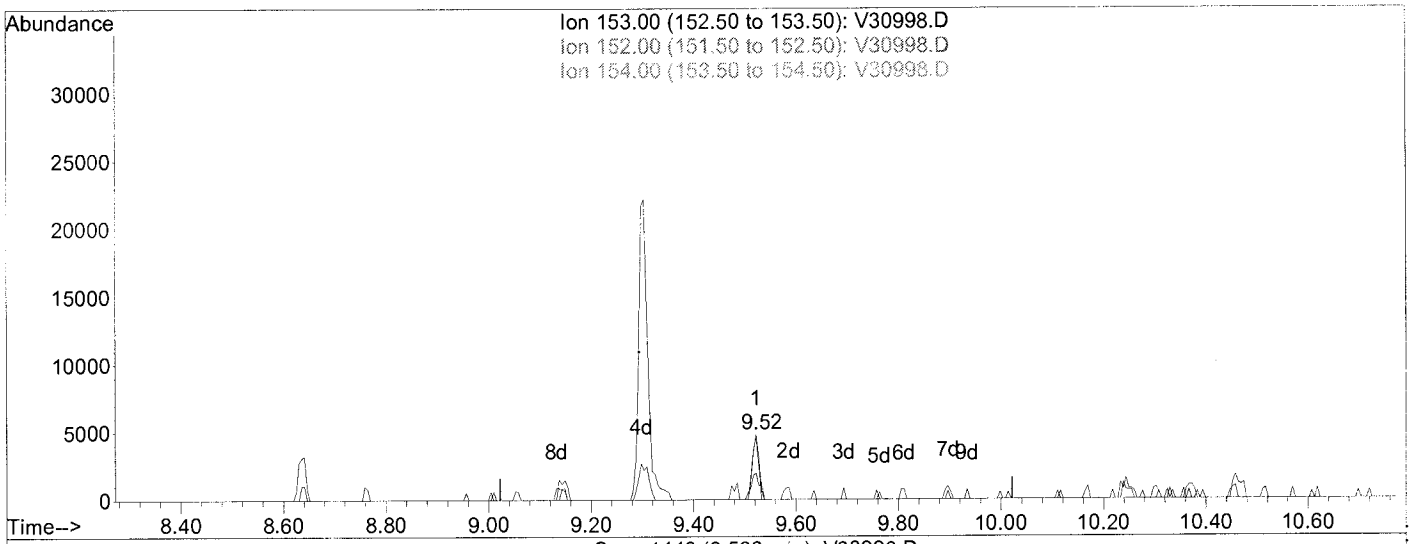
Quantitation Report (Qedit)

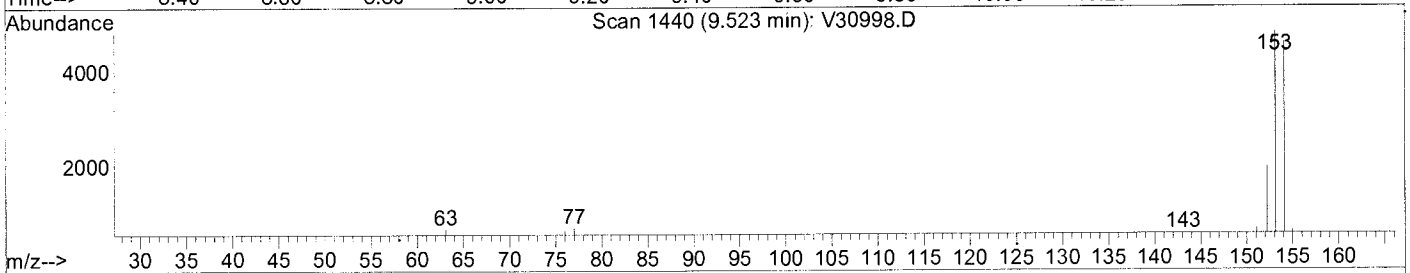
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

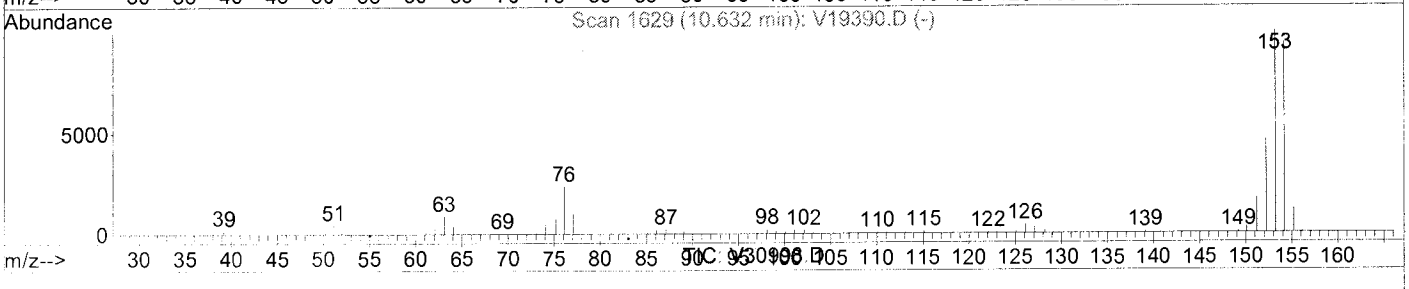
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(45) C550 Acenaphthene (TC)

9.52min 0.42ng

response 4250

Ion	Exp%	Act%
153.00	100	100
152.00	44.70	40.60
154.00	92.60	95.36
0.00	0.00	0.00

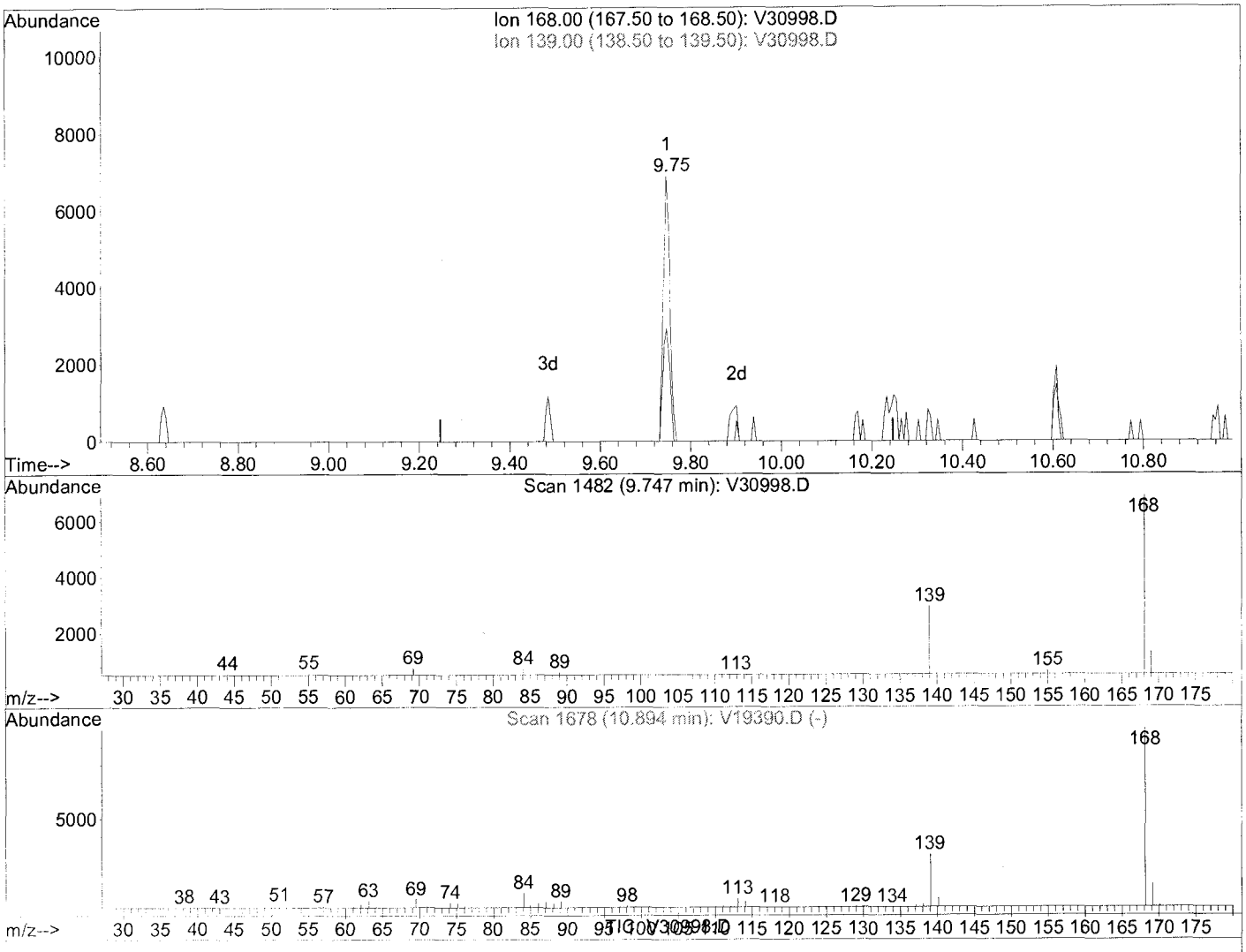
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(48) C565 Dibenzofuran (T)

9.75min 0.46ng

response 6949

Ion	Exp%	Act%
168.00	100	100
139.00	39.50	42.68
0.00	0.00	0.00
0.00	0.00	0.00

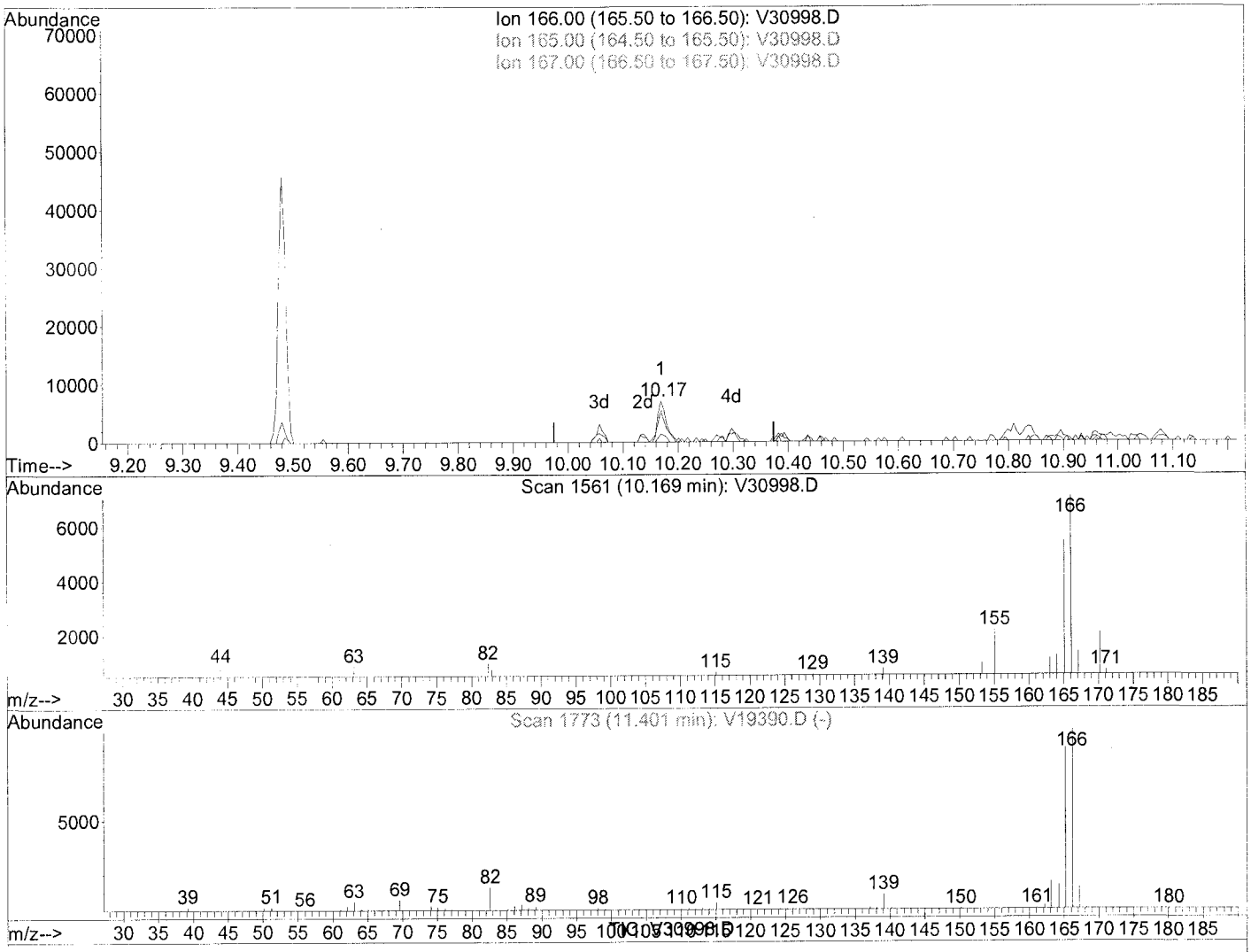
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(51) C590 Fluorene (T)

10.17min 0.64ng

response 7903

Ion	Exp%	Act%
166.00	100	100
165.00	91.40	69.77#
167.00	13.10	19.15
0.00	0.00	0.00

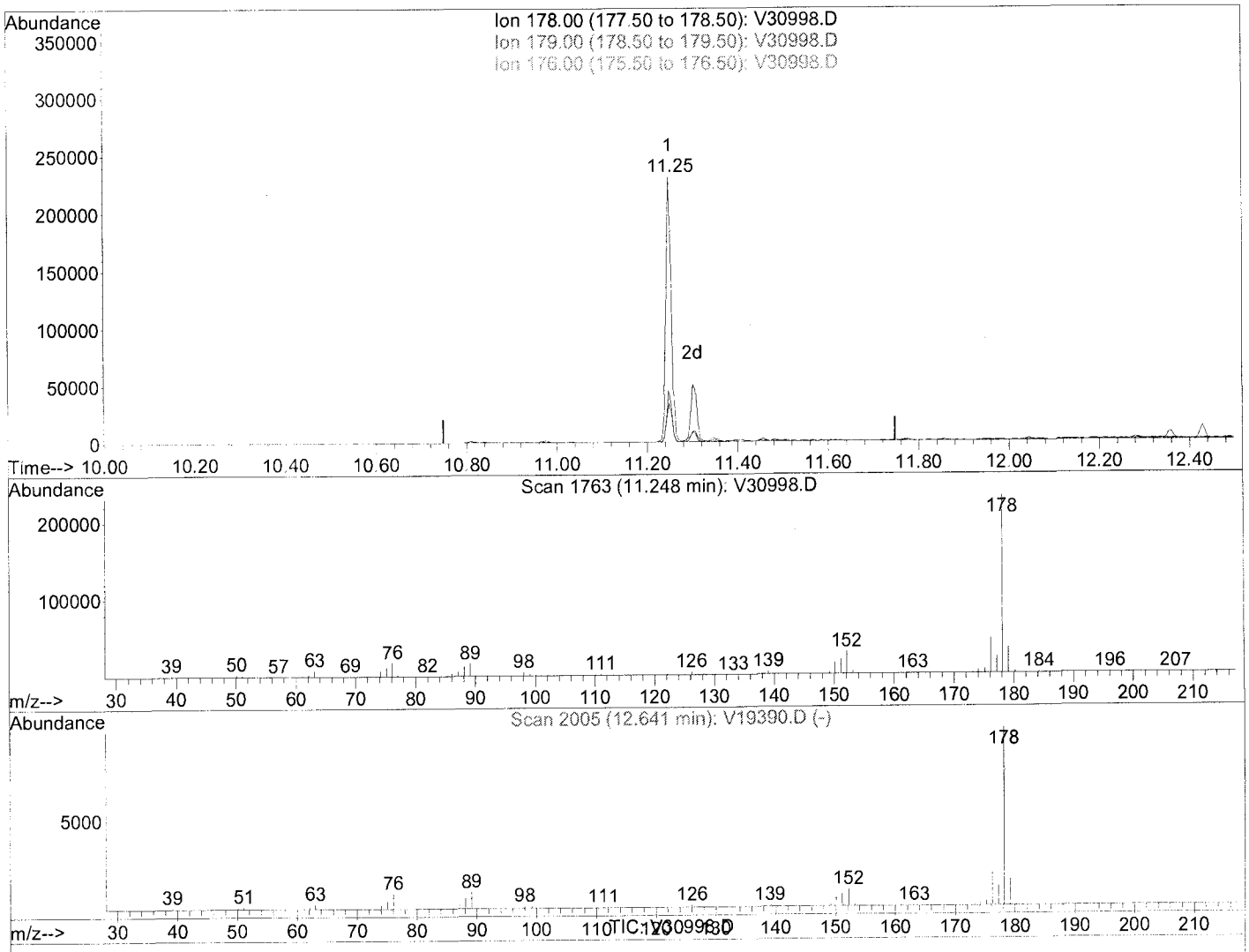
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(63) C640 Phenanthrene (T)

11.25min 11.28ng

response 190117

Ion	Exp%	Act%
178.00	100	100
179.00	14.20	14.67
176.00	18.00	19.63
0.00	0.00	0.00

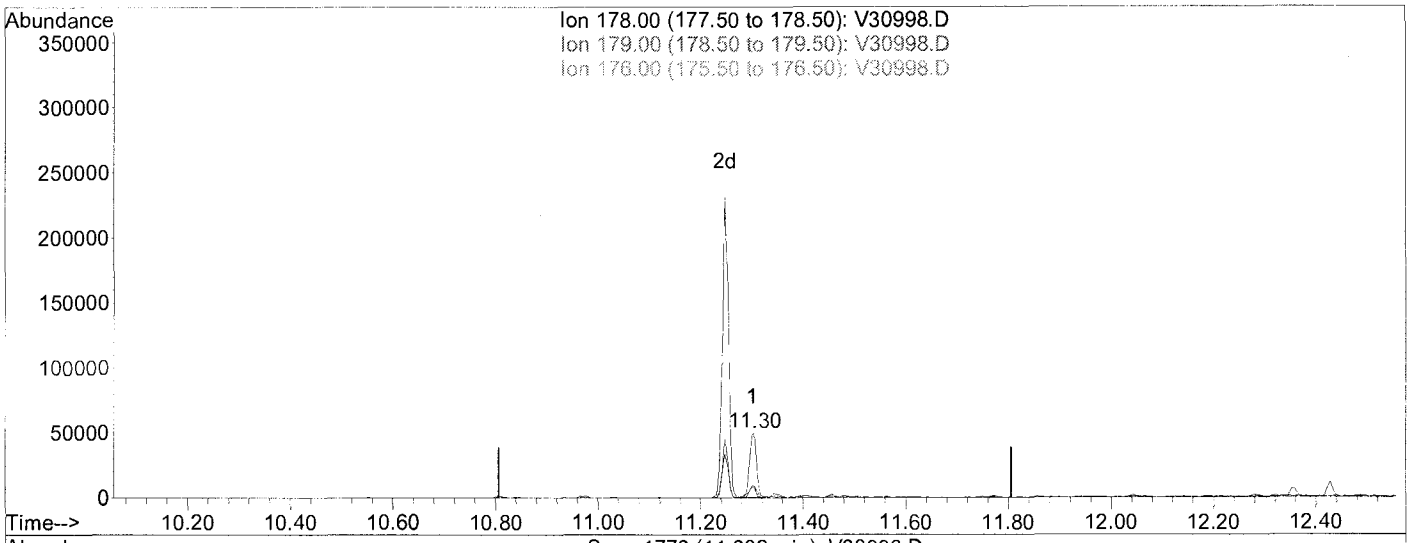
Quantitation Report (Qedit)

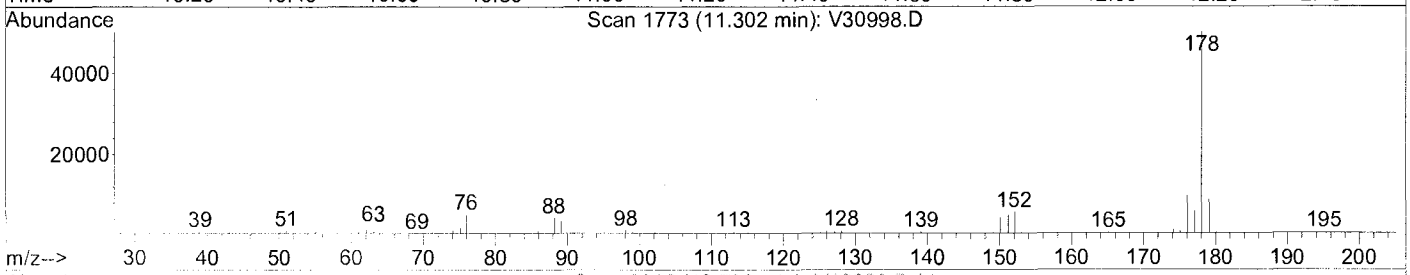
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

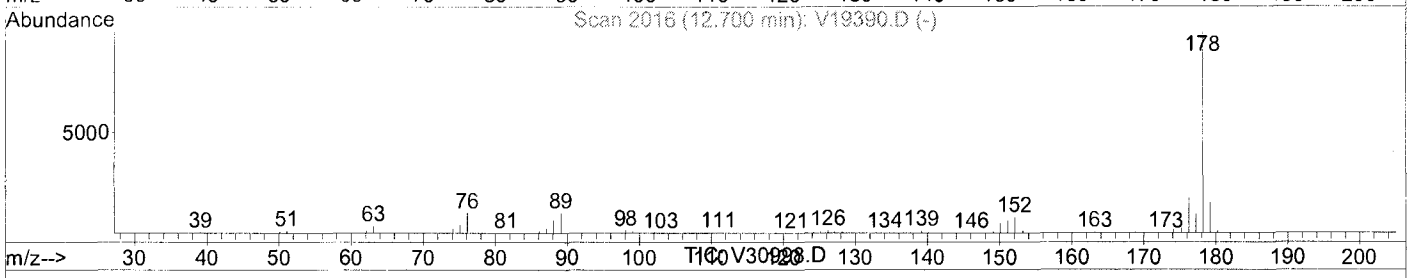
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(64) C645 Anthracene (T)

11.30min 2.66ng

response 46547

Ion	Exp%	Act%
178.00	100	100
179.00	13.60	17.80
176.00	17.10	19.82
0.00	0.00	0.00

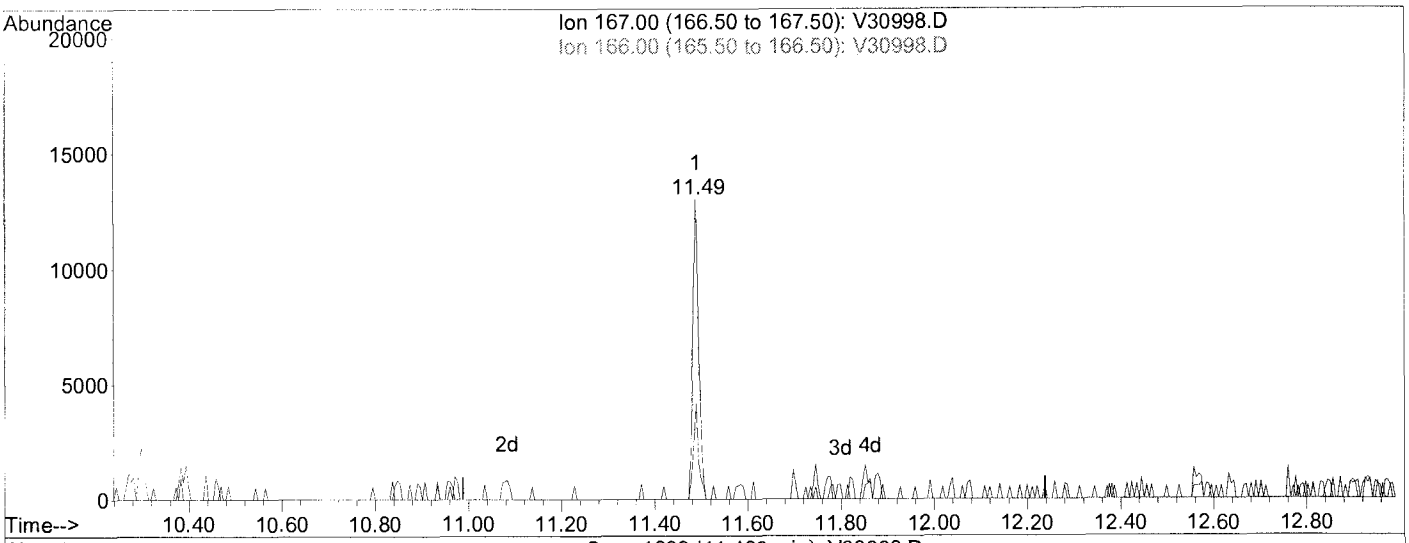
Quantitation Report (Qedit)

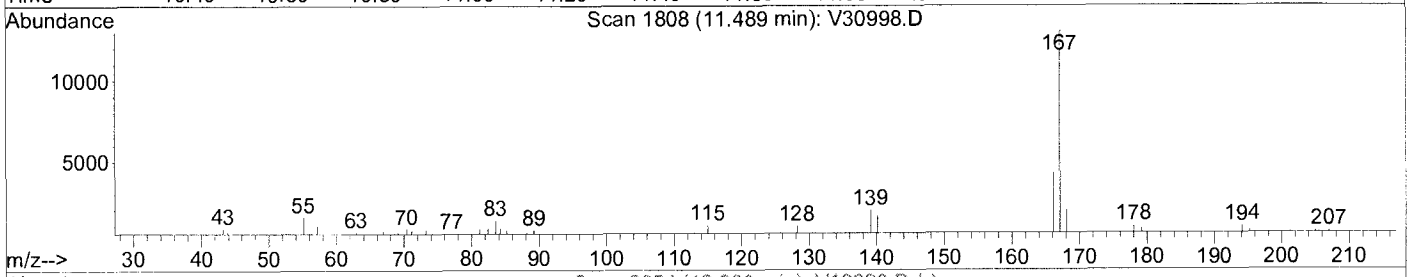
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

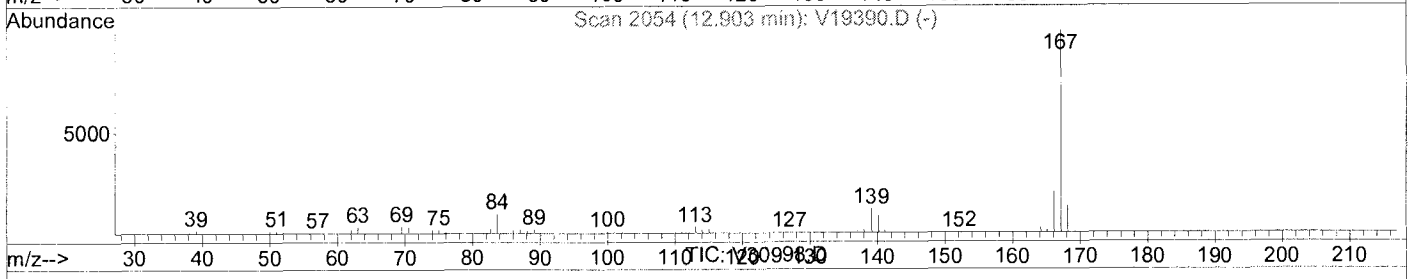
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(65) C647 carbazole (T)

11.49min 0.67ng

response 11315

Ion	Exp%	Act%
167.00	100	100
166.00	19.20	28.98
0.00	0.00	0.00
0.00	0.00	0.00

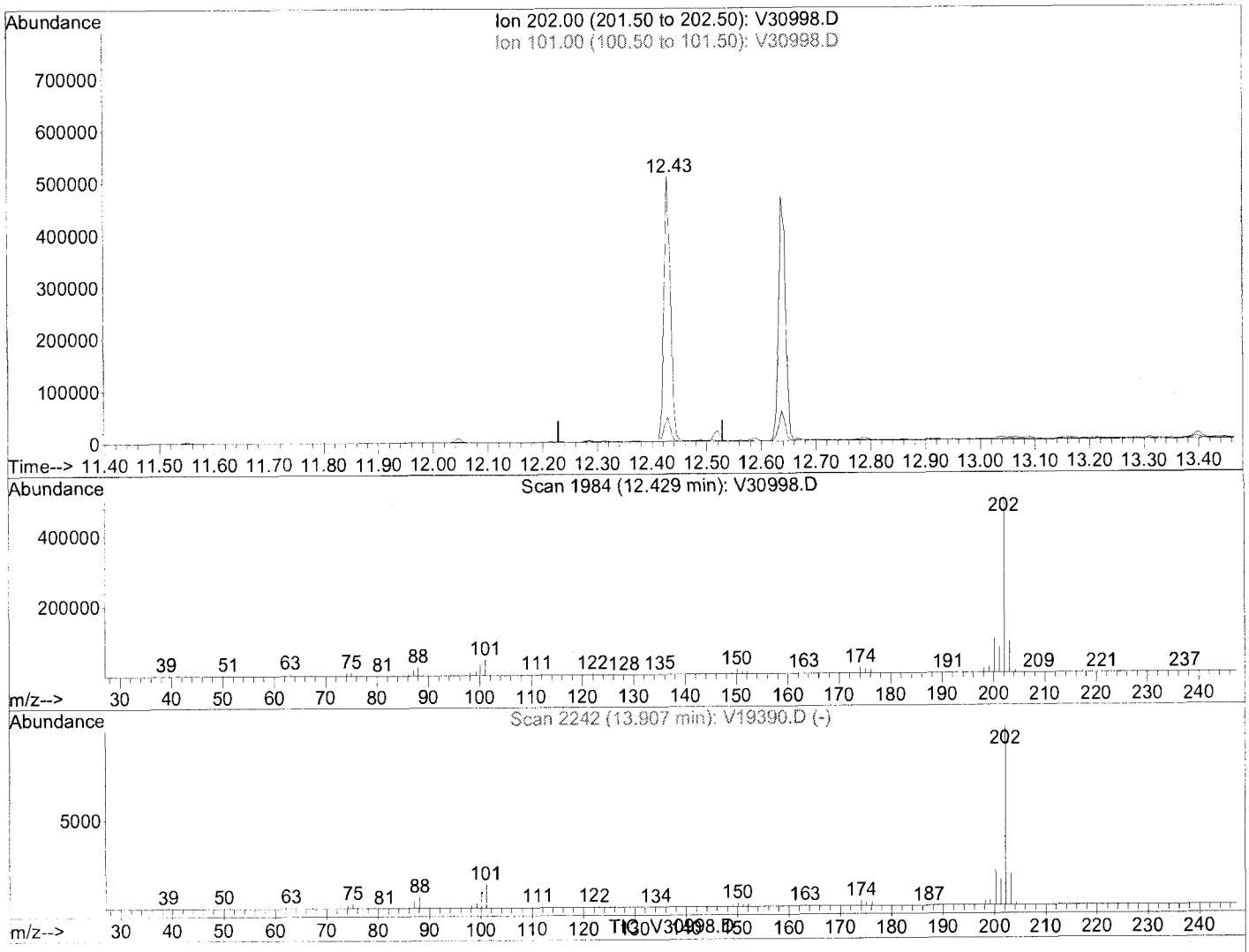
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(67) C655 Fluoranthene (TC)

12.43min 19.45ng

response 418698

Ion	Exp%	Act%
202.00	100	100
101.00	11.90	9.10
0.00	0.00	0.00
0.00	0.00	0.00

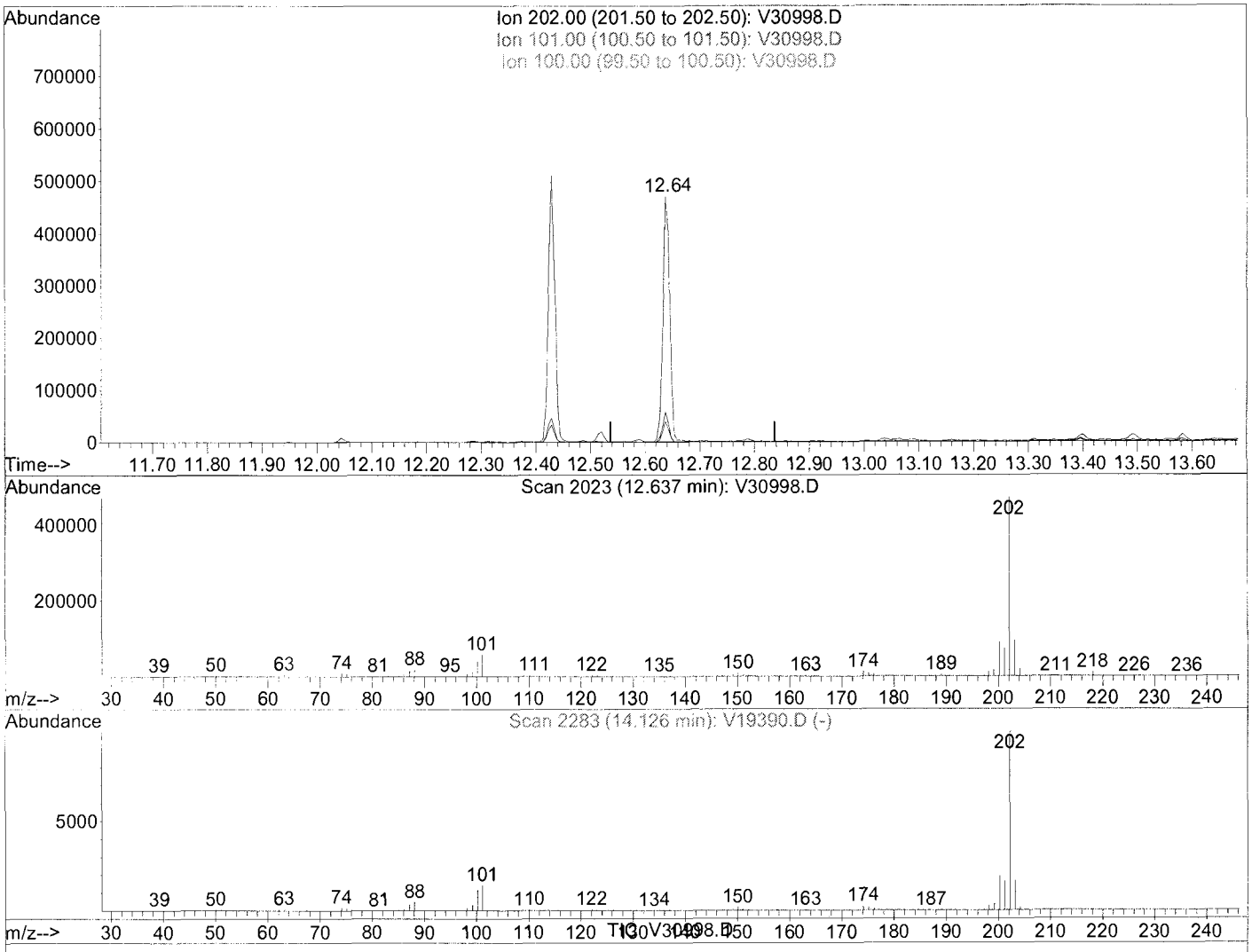
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(69) C715 Pyrene (M)

12.64min 16.51ng

response 411236

Ion	Exp%	Act%
202.00	100	100
101.00	14.70	12.33
100.00	11.30	8.54
0.00	0.00	0.00

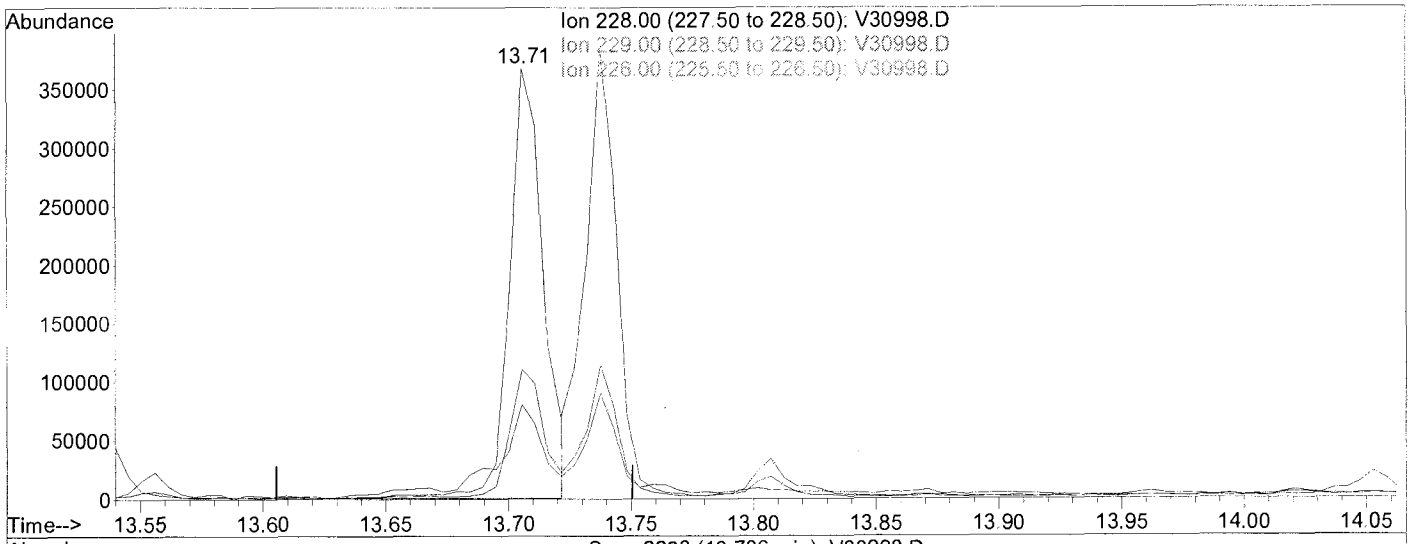
Quantitation Report (Qedit)

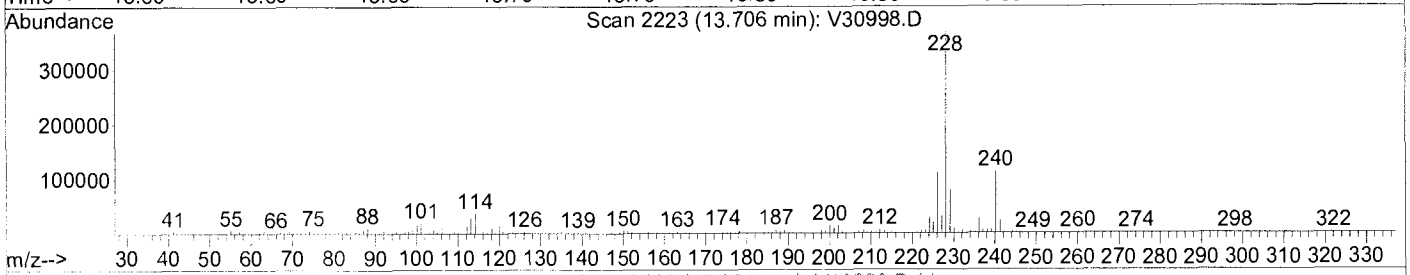
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

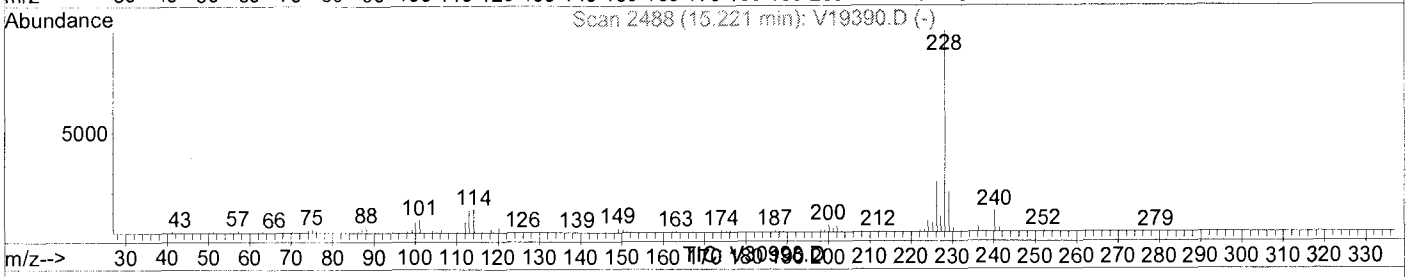
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(74) C730 Benzo[a]anthracene (T)

13.71min 15.43ng

response 358683

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.59
226.00	25.60	29.92
0.00	0.00	0.00

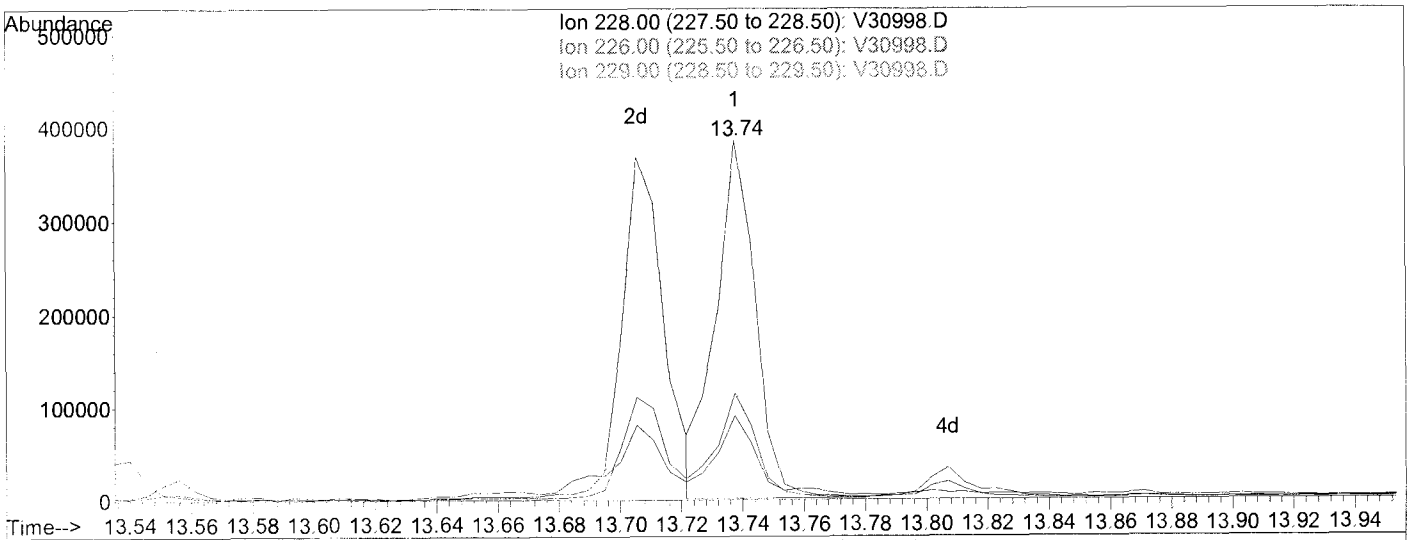
Quantitation Report (Qedit)

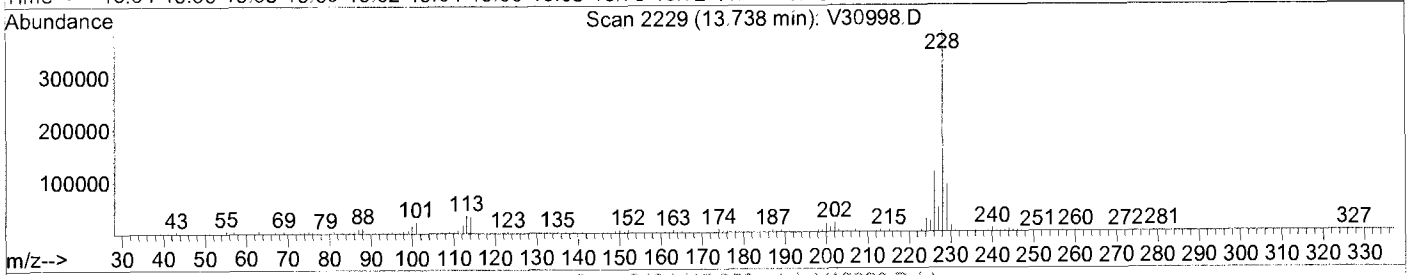
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

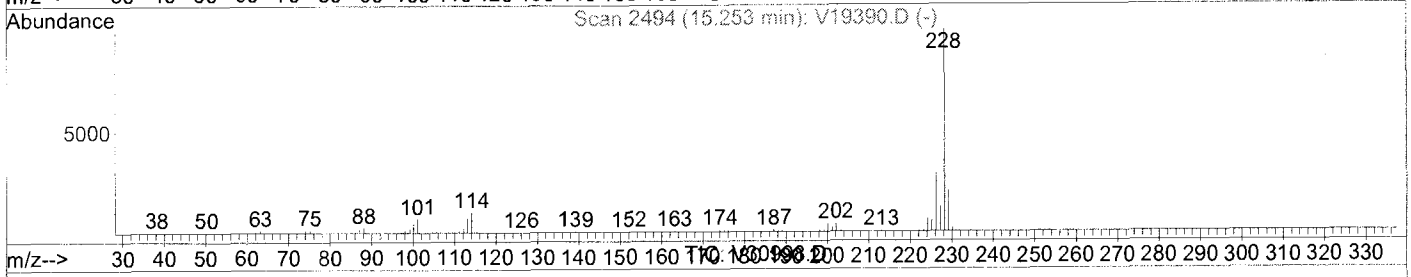
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.74min 15.15ng

response 345243

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	29.31
229.00	19.20	22.04
0.00	0.00	0.00

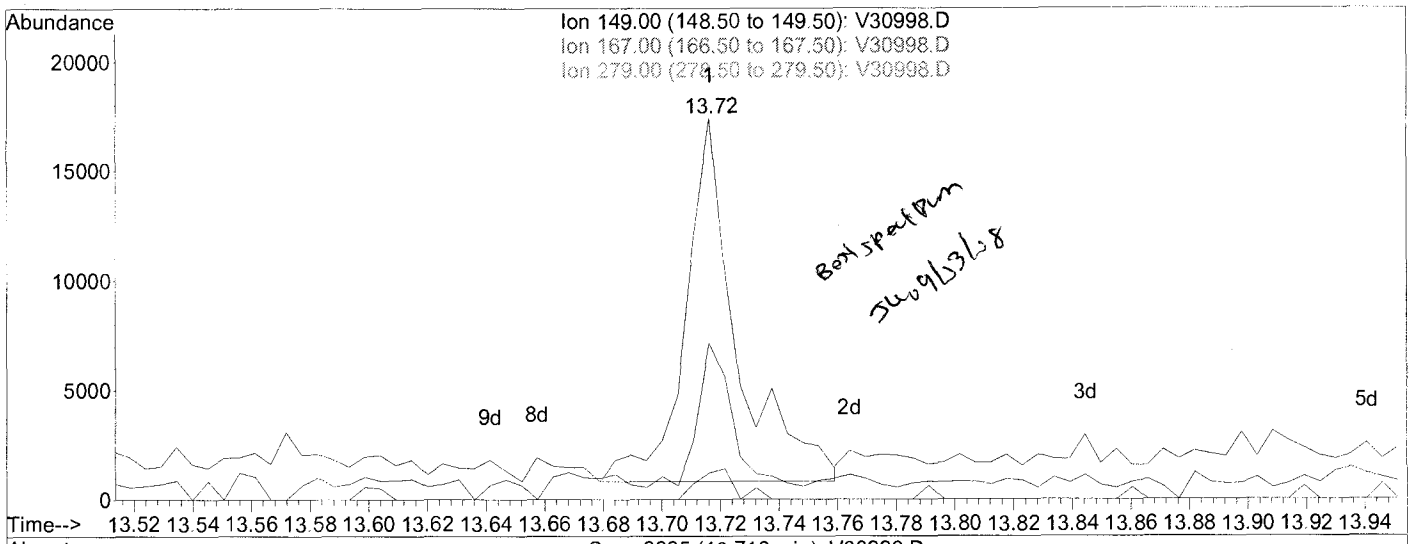
Quantitation Report (Qedit)

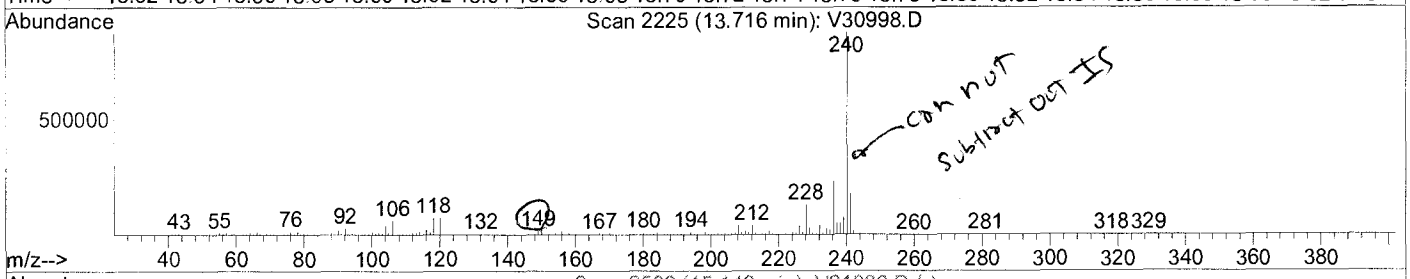
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:27 2008

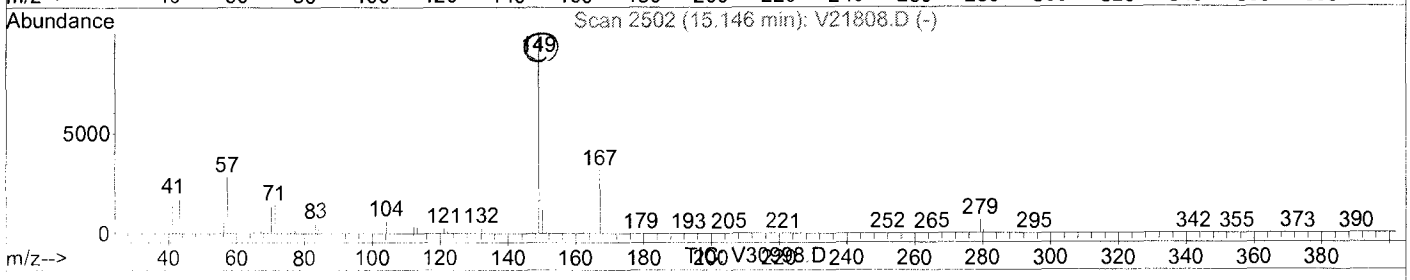
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(76) C740 bis(2-Ethylhexyl)phthalate (T)

13.72min 1.38ng

response 20379

Ion	Exp%	Act%
149.00	100	100
167.00	28.30	37.38
279.00	6.10	7.39
0.00	0.00	0.00

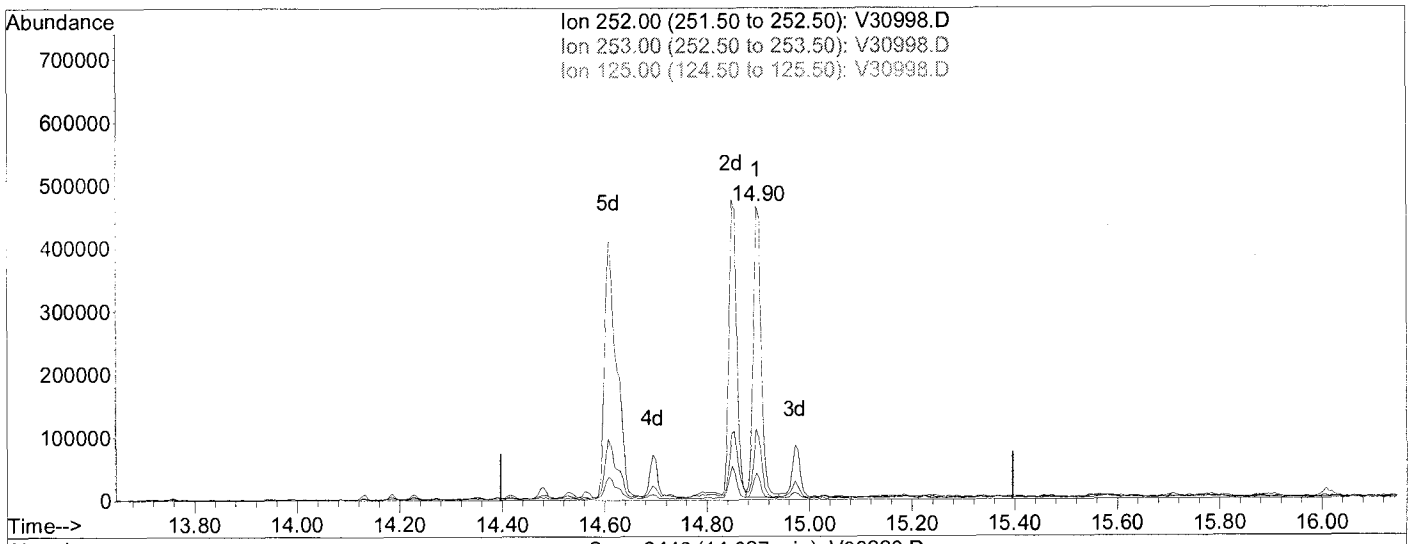
Quantitation Report (Qedit)

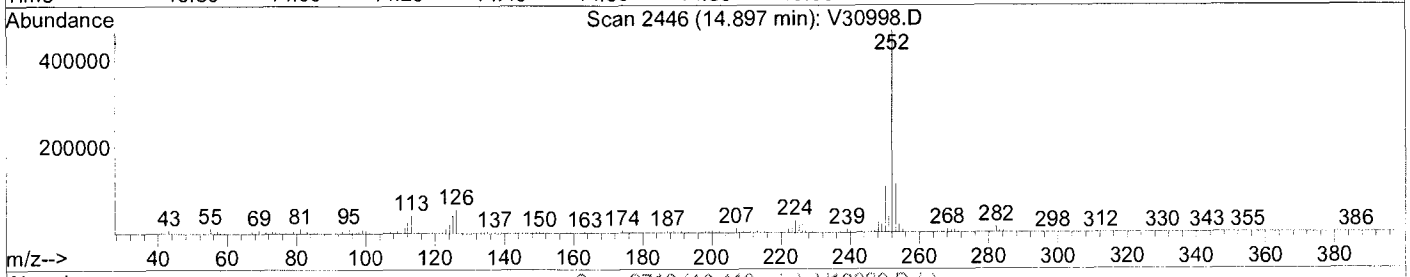
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

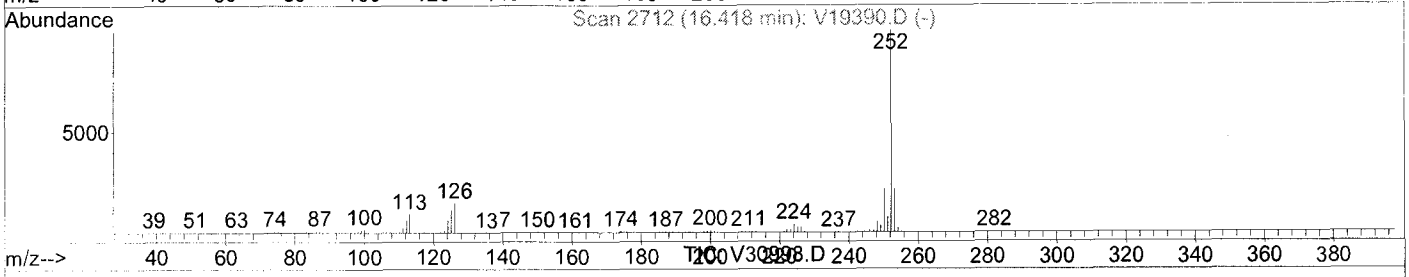
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(81) C775 Benzo[a]pyrene (TC)

14.90min 19.26ng

response 500459

Ion	Exp%	Act%
252.00	100	100
253.00	21.00	23.50
125.00	10.80	8.43
0.00	0.00	0.00

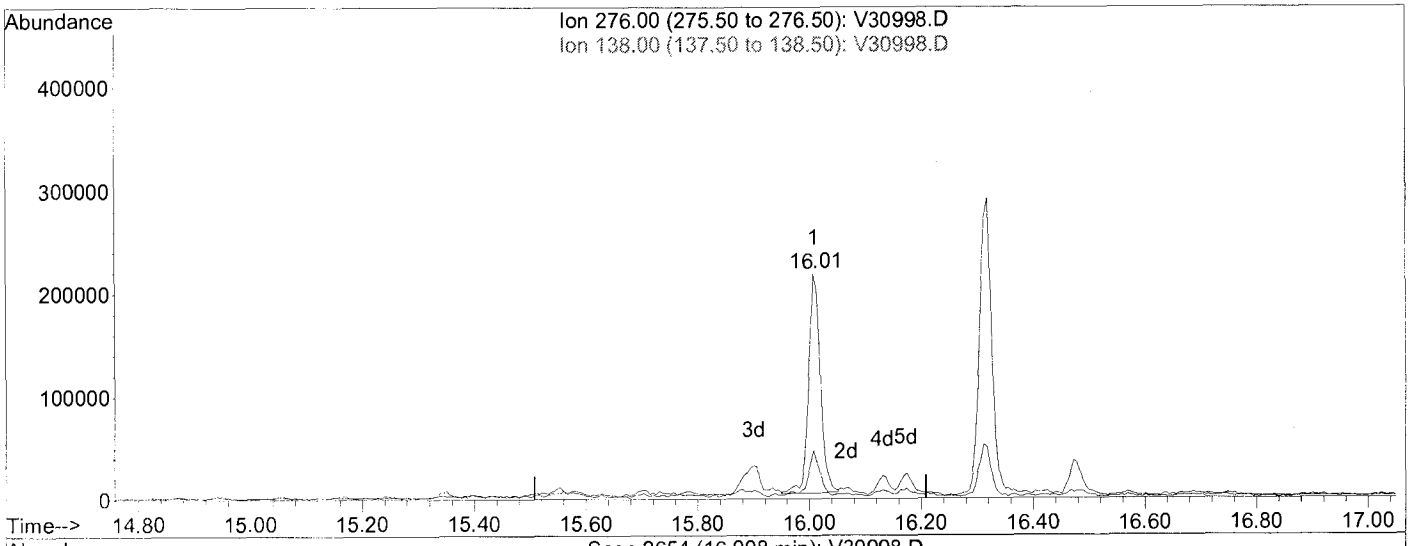
Quantitation Report (Qedit)

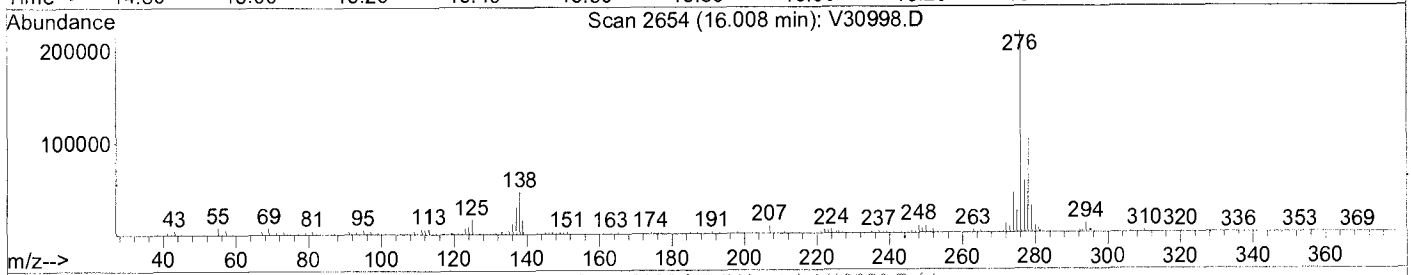
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

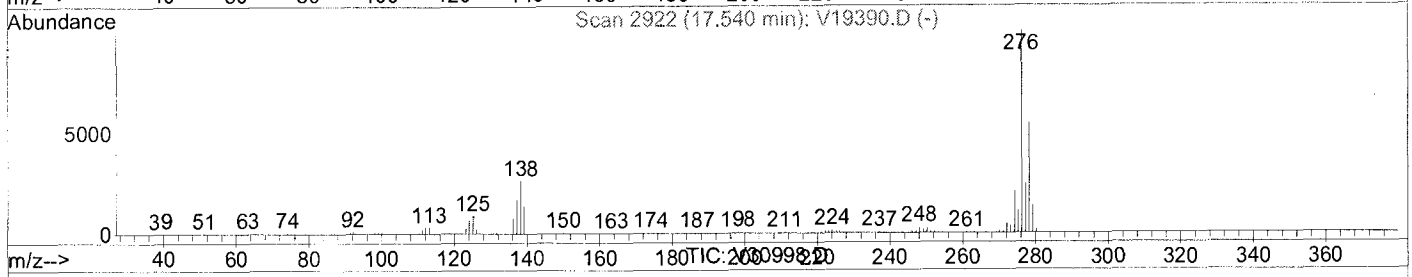
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(82) C780 Indeno[1,2,3-cd]pyrene (T)

16.01min 10.71ng

response 316326

Ion	Exp%	Act%
276.00	100	100
138.00	27.10	20.30
0.00	0.00	0.00
0.00	0.00	0.00

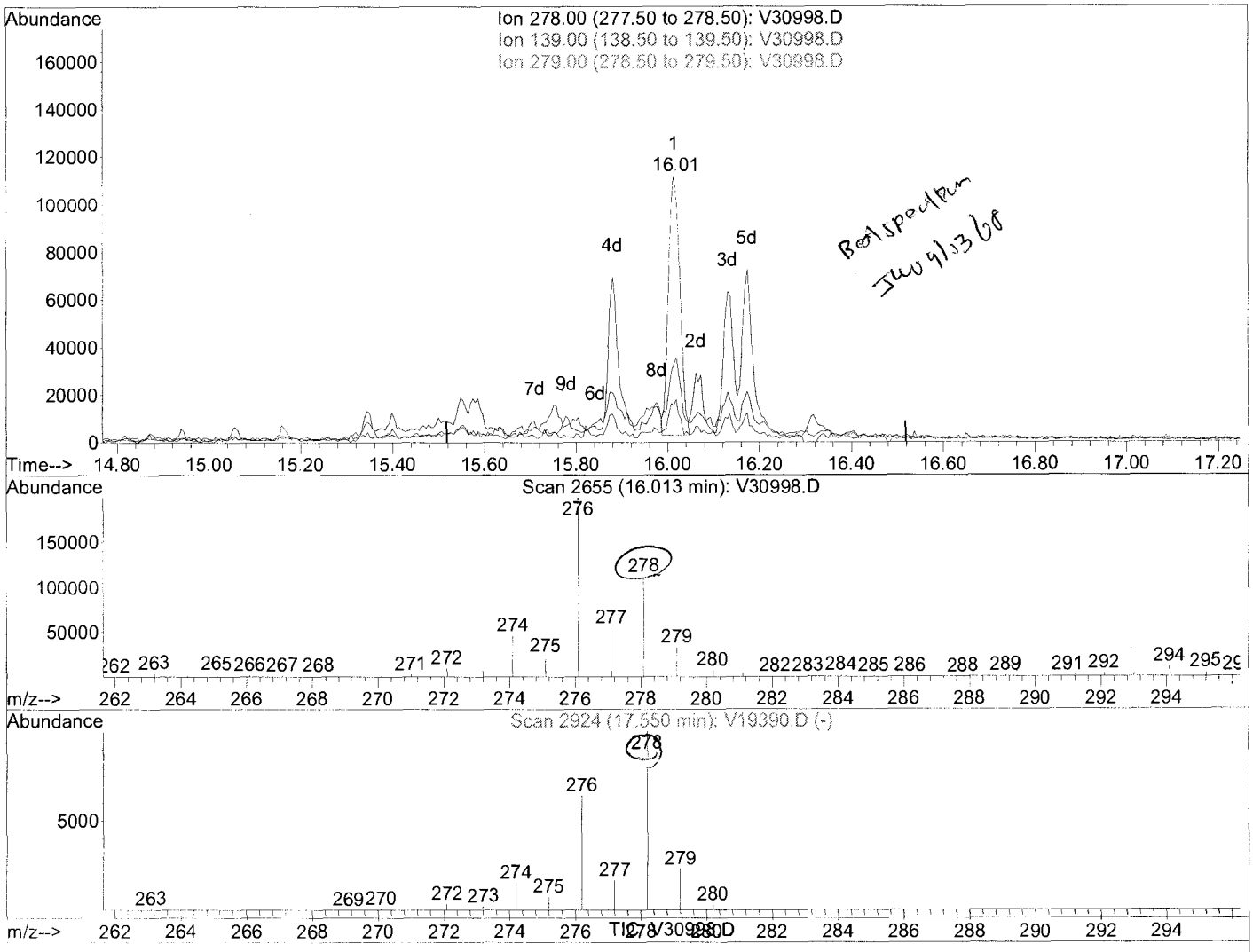
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(83) C785 Dibenz[a,h]anthracene (T)

16.01min 7.59ng

response 190153

Ion	Exp%	Act%
278.00	100	100
139.00	17.80	11.64
279.00	21.80	23.60
0.00	0.00	0.00

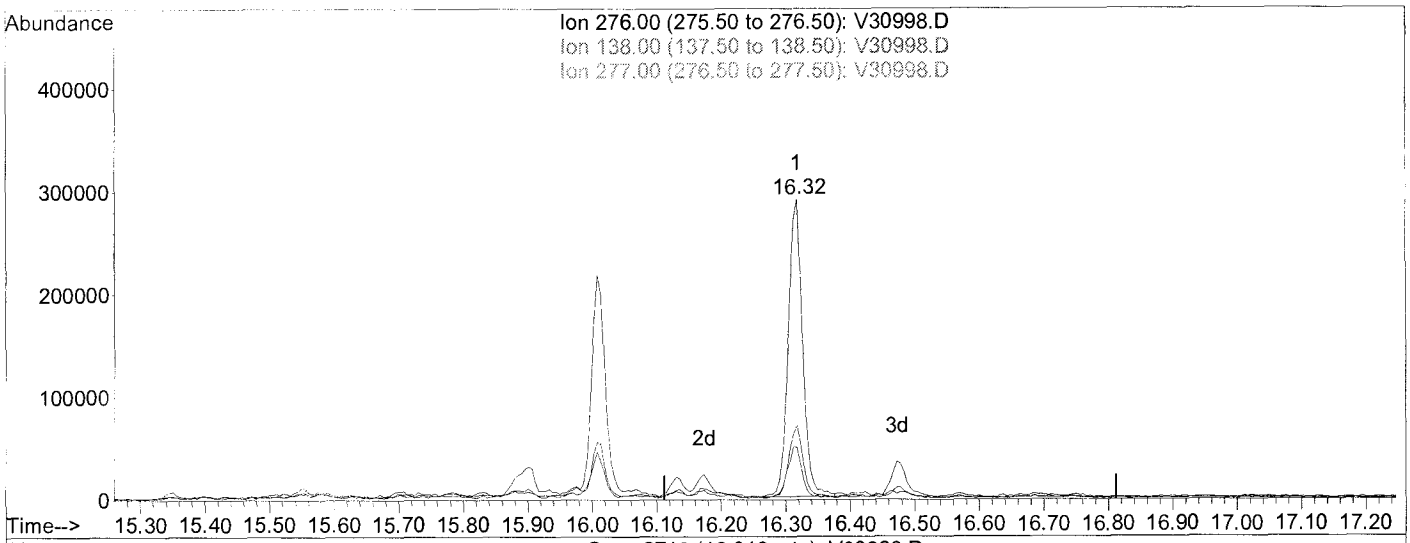
Quantitation Report (Qedit)

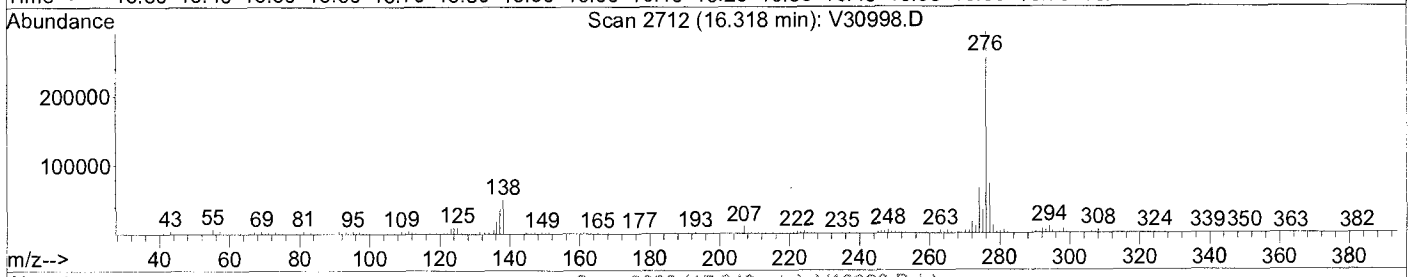
Data File : D:\DATA\090208\V30998.D
Acq On : 2 Sep 2008 19:05
Sample : A8A47502 DF20 AS80010959
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:28 2008

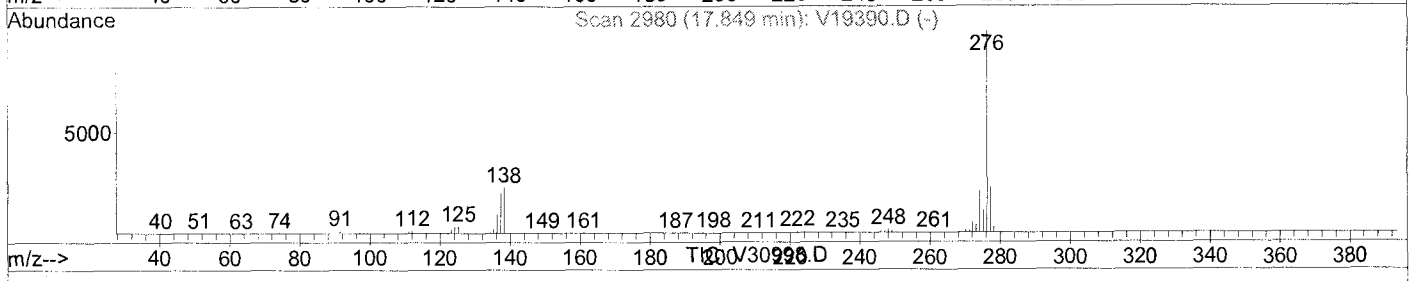
Vial: 28
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(84) C790 Benzo[g,h,i]perylene (T)

16.32min 18.25ng

response 450878

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	16.62
277.00	23.10	24.12
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 30.30 (g/mL) G Lab File ID: V30999.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	21	J
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	37	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	160	J
205-99-2	Benzo(b)fluoranthene	140	J
207-08-9	Benzo(k)fluoranthene	60	J
191-24-2	Benzo(ghi)perylene	76	J
50-32-8	Benzo(a)pyrene	140	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	8	J
218-01-9	Chrysene	150	BJ
53-70-3	Dibenzo(a,h)anthracene	26	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 30.30 (g/mL) G Lab File ID: V30999.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	230	J
86-73-7	Fluorene	12	J
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	73	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	390	U
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	110	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	200	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47503

Sample wt/vol: 30.30 (g/mL) G Lab File ID: V30999.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

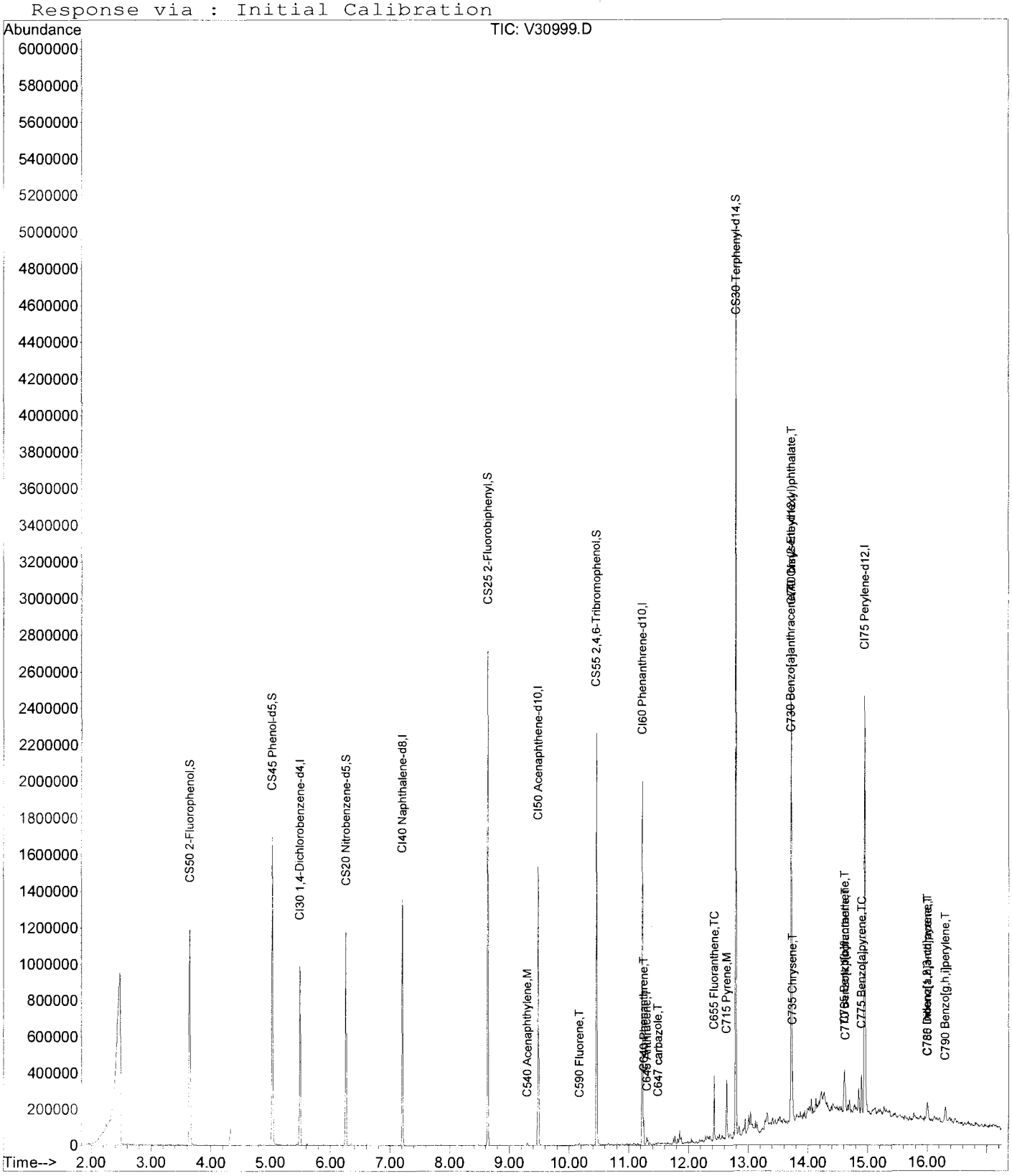
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:20 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

JL 09/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	161607	40.00	ng	0.00 85.64%
20) CI40 Naphthalene-d8	7.20	136	597406	40.00	ng	0.00 86.06%
35) CI50 Acenaphthene-d10	9.48	164	347113	40.00	ng	0.00 88.51%
56) CI60 Phenanthrene-d10	11.23	188	727113	40.00	ng	0.00 91.00%
68) CI70 Chrysene-d12	13.72	240	767267	40.00	ng	0.00 108.29%
78) CI75 Perylene-d12	14.95	264	813250	40.00	ng	0.00 142.11%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.65	112	434001	71.26	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 47.51%			
5) CS45 Phenol-d5	5.02	99	667561	85.38	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 56.92%			
6) CS70 2-chlorophenol-d4	5.09	132	185	0.03	ng	-0.09
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.26	82	418770	54.73	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 54.73%			
39) CS25 2-Fluorobiphenyl	8.64	172	815639	62.60	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 62.60%			
59) CS55 2,4,6-Tribromophenol	10.46	330	220815	146.53	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 97.69%			
71) CS30 Terphenyl-d14	12.79	244	1278219	73.56	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 73.56%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)eth	5.28	93	192	N.D.	
7) C315 Phenol	5.06	94	530	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisopropyl	5.45	45	437	N.D.	
16) C355 2-Methylphenol	5.95	108	171	N.D.	
17) C375 Hexachloroethane	6.18	117	223	N.D.	
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.	
19) C365 4-Methylphenol	5.95	108	171	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	d
23) C415 Isophorone	0.00	82	0	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:20 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	7.20	93	183	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.23	128	1848	N.D.	
31)	C455 4-Chloroaniline	0.00	127	0	N.D.	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	7.88	107	176	N.D.	
34)	C470 2-Methylnaphthalene	8.15	142	187	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D.	
42)	C540 Acenaphthylene	9.30	152	9280	0.53 ng	87
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	9.52	153	1616	N.D.	
46)	C545 3-Nitroaniline	8.64	138	181	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	9.75	168	1509	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D.	
51)	C590 Fluorene	10.17	166	4043	0.31 ng	85
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	0.00	149	0	N.D.	
54)	C620 1,2 diphenylhydrazine	10.46	77	1801	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	10.39	169	180	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.25	178	50662	2.83 ng	88
64)	C645 Anthracene	11.30	178	17152	0.92 ng	84
65)	C647 carbazole	11.49	167	3703	0.21 ng	91
66)	C650 Di-n-butylphthalate	11.85	149	2512	N.D.	
67)	C655 Fluoranthene	12.43	202	132483	5.79 ng	91
69)	C715 Pyrene	12.64	202	127459	4.97 ng	91
70)	C710 benzidine	0.00	184	0	N.D.	
72)	C720 Butylbenzylphthalate	0.00	149	0	N.D. d	
73)	C725 3,3'-Dichlorobenzidin	13.70	252	585	N.D.	
74)	C730 Benzo[a]anthracene	13.71	228	94957	3.97 ng	90
75)	C735 Chrysene	13.74	228	87255	3.72 ng	96
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	15364	1.01 ng	83
77)	C760 Di-n-octylphthalate	0.00	149	0	N.D. d	
79)	C765 Benzo[b]fluoranthene	14.61	252	106749m	3.55 ng	90
80)	C770 Benzo[k]fluoranthene	14.62	252	41744m	1.50 ng	92
81)	C775 Benzo[a]pyrene	14.90	252	88917	3.41 ng	97
82)	C780 Indeno[1,2,3-cd]pyren	16.00	276	54222	1.83 ng	79
83)	C785 Dibenz[a,h]anthracene	16.01	278	16680	0.66 ng	75
84)	C790 Benzo[g,h,i]perylene	16.31	276	47536	1.92 ng	93

mm 9/2/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 03 18:46:41 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

clem 9/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	161607	40.00	ng	-0.10 102.13%
4) CI40 Naphthalene-d8	7.20	136	597406	40.00	ng	-0.08 106.91%
7) CI50 Acenaphthene-d10	9.48	164	347113	40.00	ng	-0.07 107.64%
10) CI60 Phenanthrene-d10	11.23	188	727113	40.00	ng	-0.06 114.68%
12) CI70 Chrysene-d12	13.72	240	767267	40.00	ng	-0.06 113.06%
13) CI75 Perylene-d12	14.95	264	813250	40.00	ng	-0.06 149.74%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.02	77	1166	N.D.		
3) E145 Acetophenone	5.57	105	186	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Bipheny1	8.76	154	1574	N.D.		
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

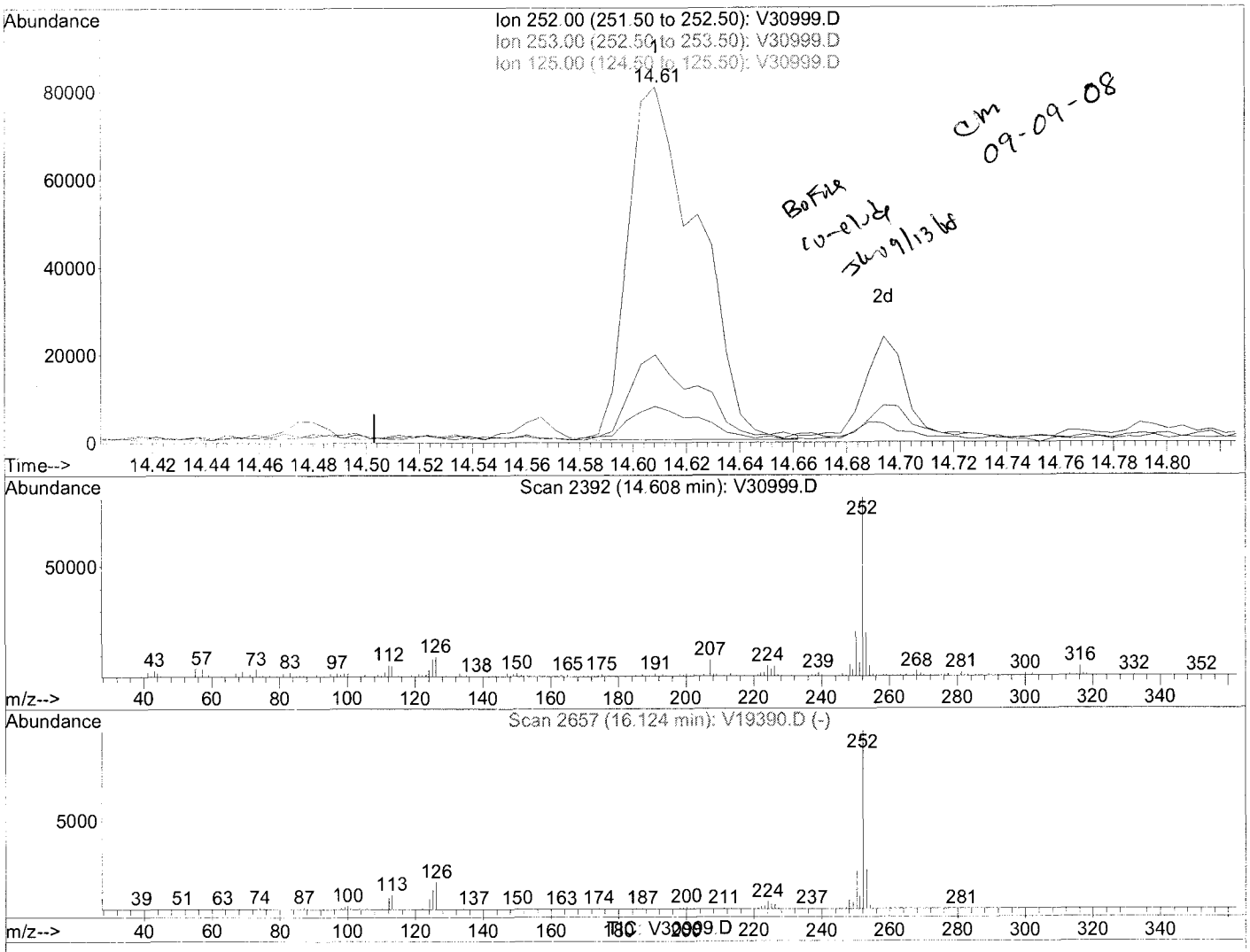
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:31 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(79) C765 Benzo[b]fluoranthene (T)

14.61min 4.86ng

response 146225

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.46
125.00	17.90	9.32
0.00	0.00	0.00

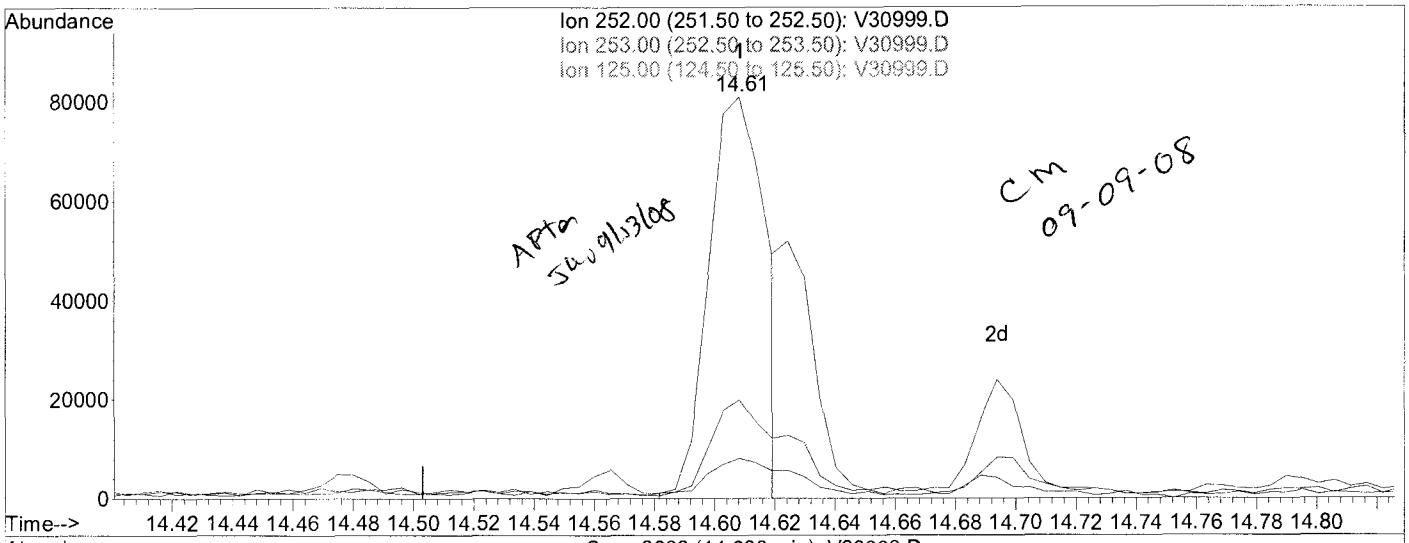
Quantitation Report (Qedit)

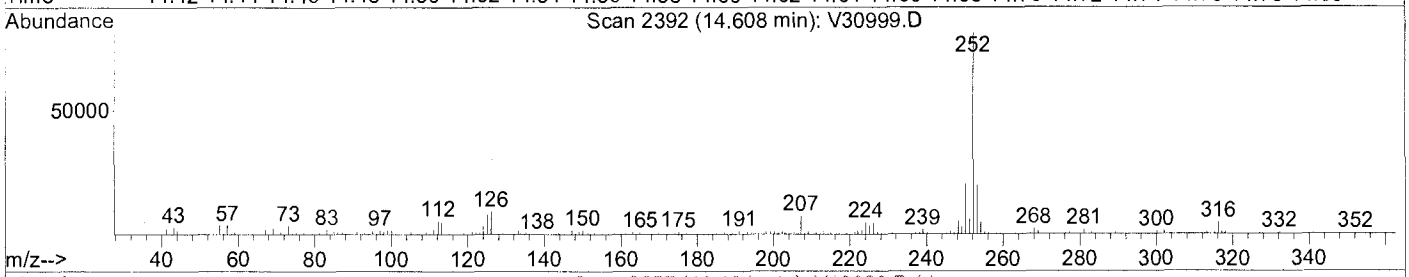
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

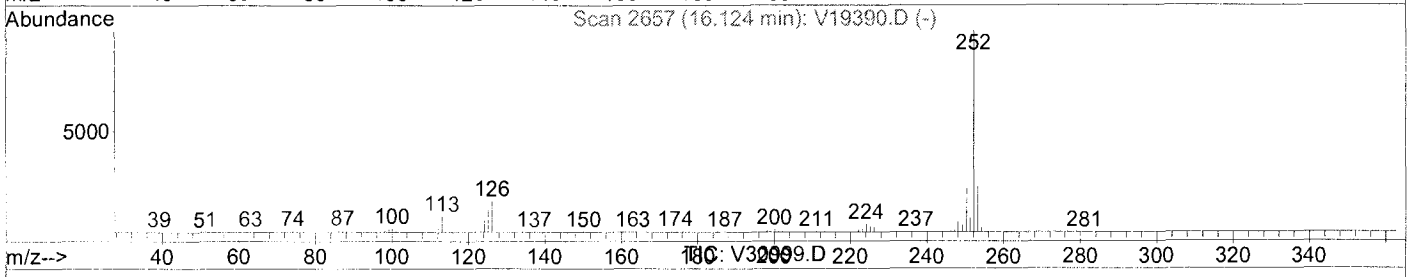
Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.61min 3.55ng m

response 106749

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.63
125.00	17.90	10.19
0.00	0.00	0.00

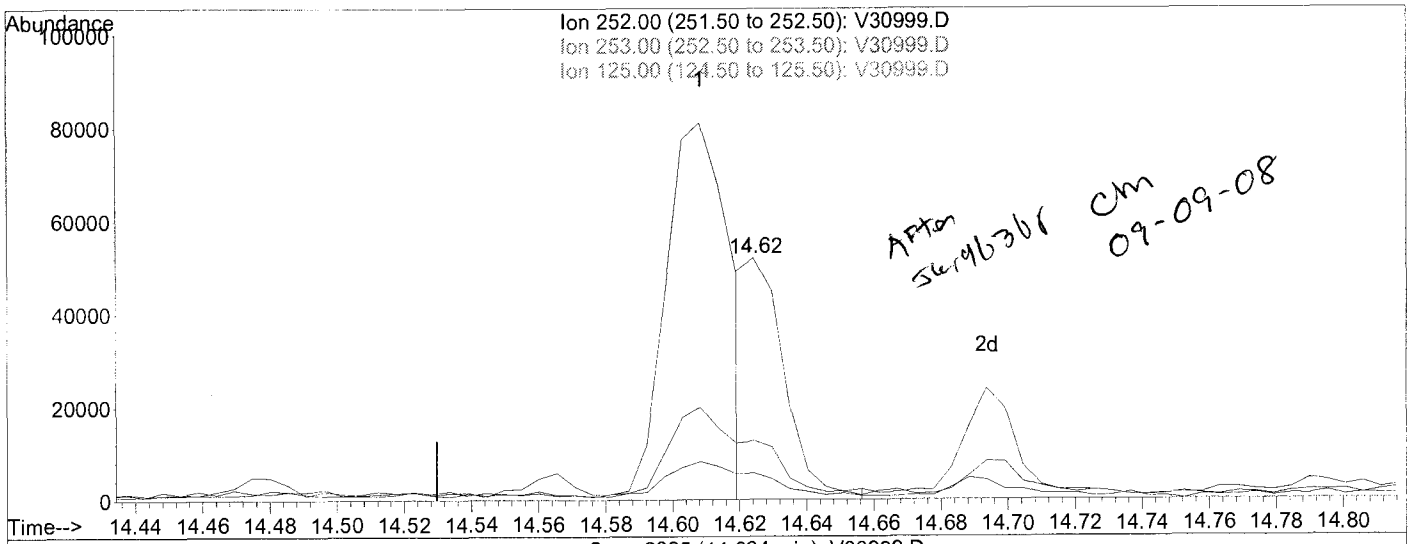
Quantitation Report (Qedit)

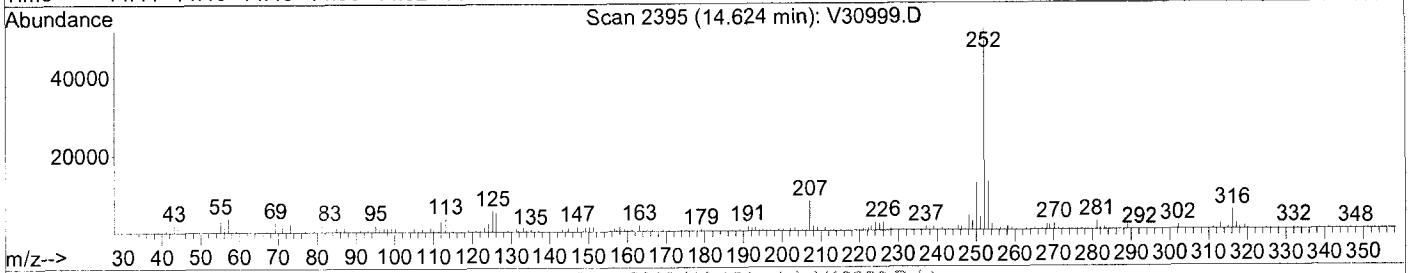
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

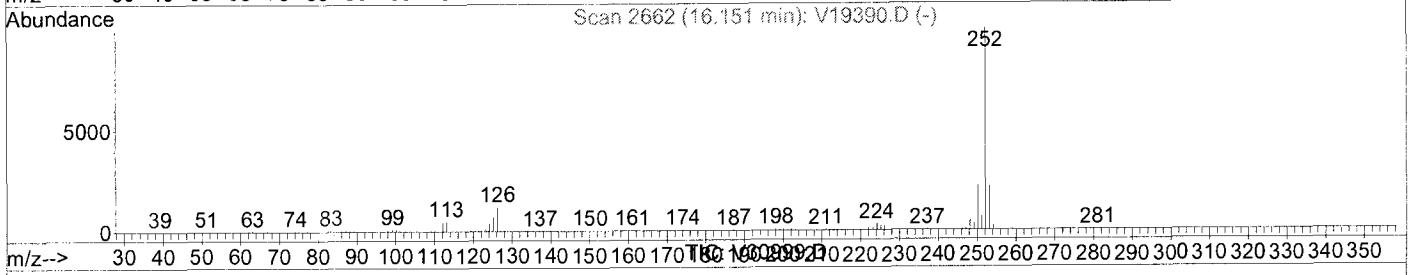
Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(80) C770 Benzo[k]fluoranthene (T)

14.62min 1.50ng m

response 41744

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.53
125.00	16.20	10.93
0.00	0.00	0.00

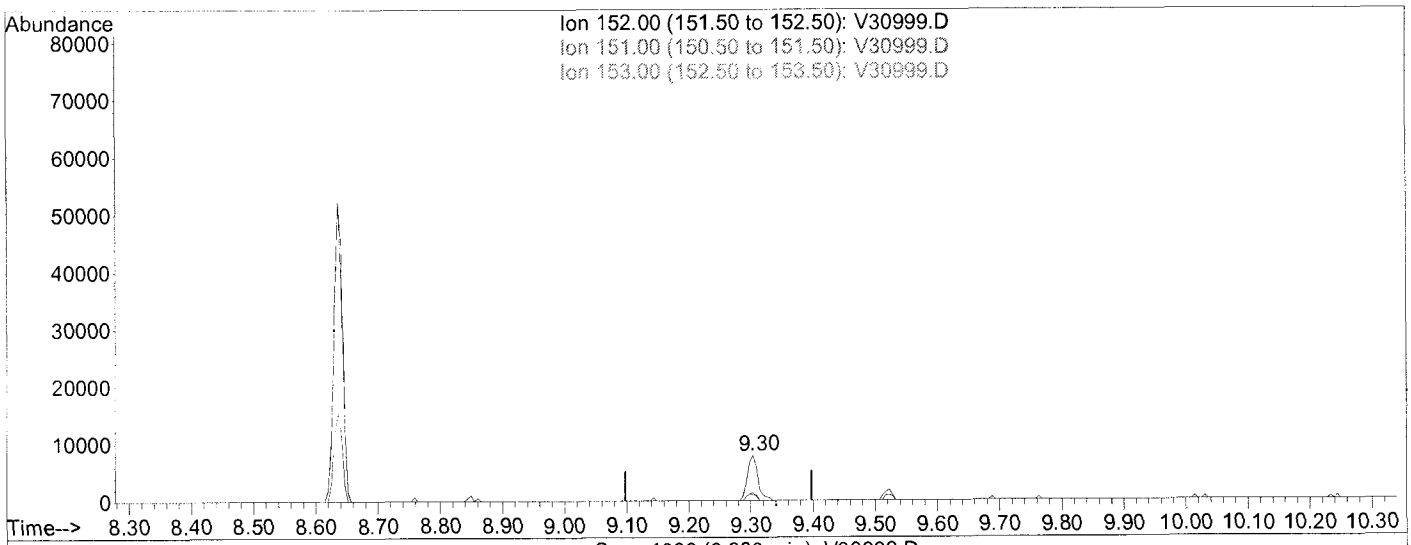
Quantitation Report (Qedit)

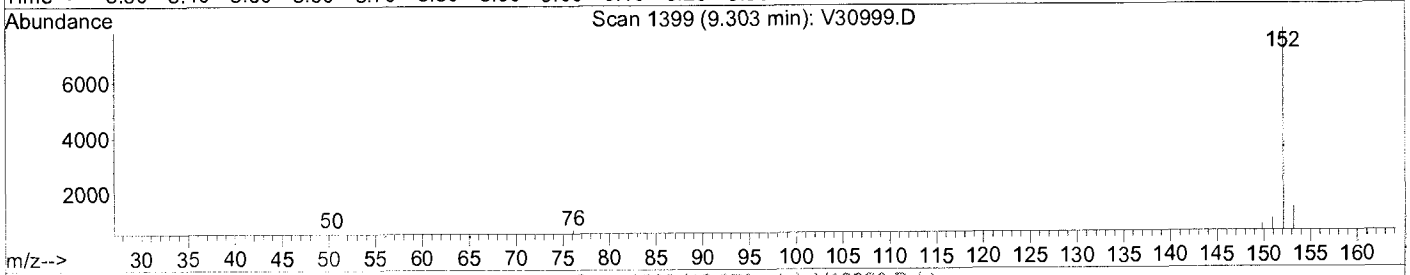
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

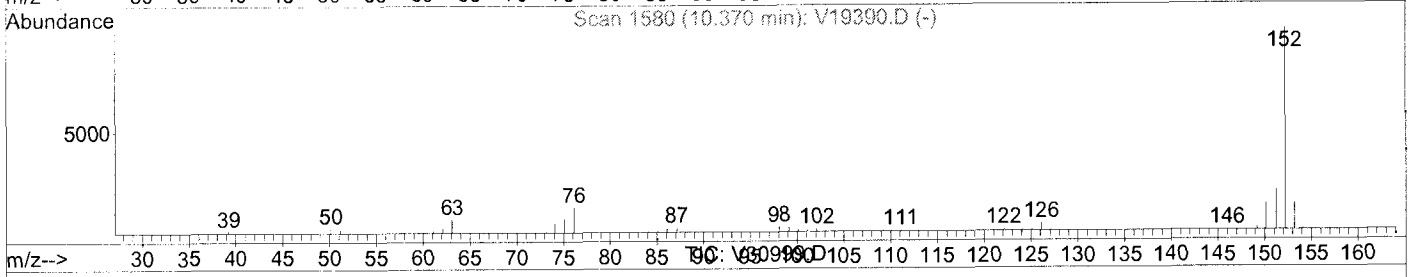
Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(42) C540 Acenaphthylene (M)

9.30min 0.53ng

response 9280

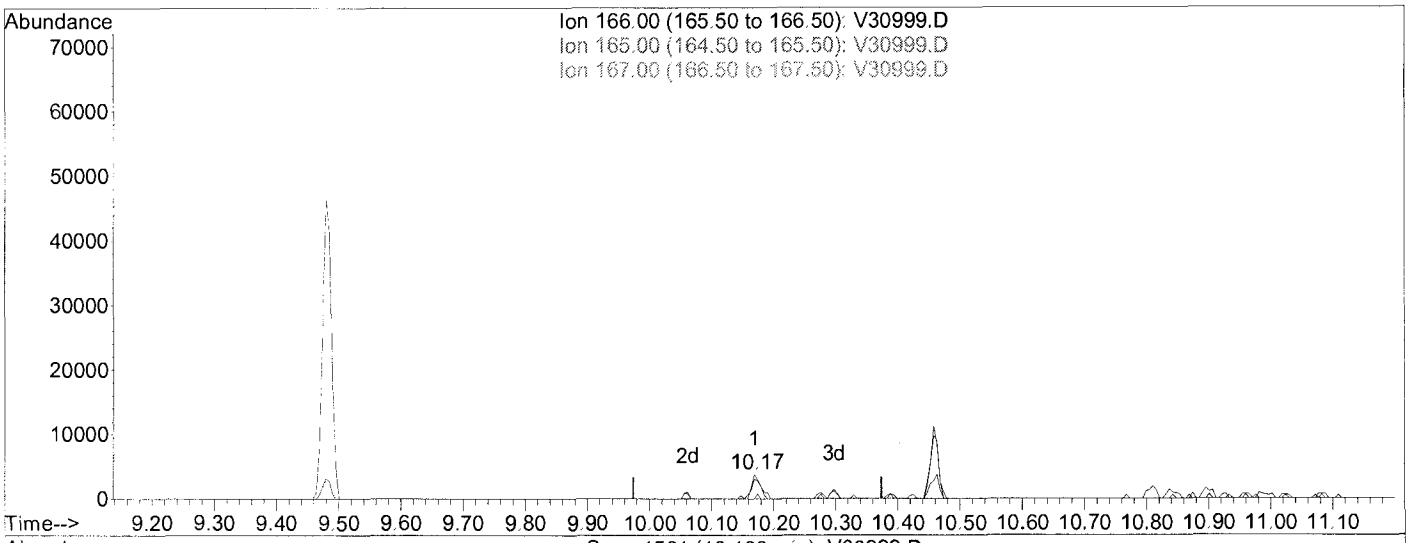
Ion	Exp%	Act%
152.00	100	100
151.00	18.20	12.33
153.00	12.80	17.66
0.00	0.00	0.00

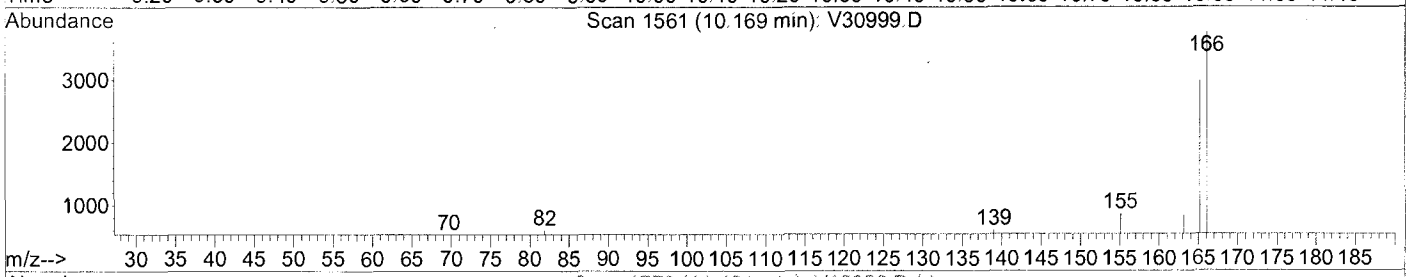
Quantitation Report (Qedit)

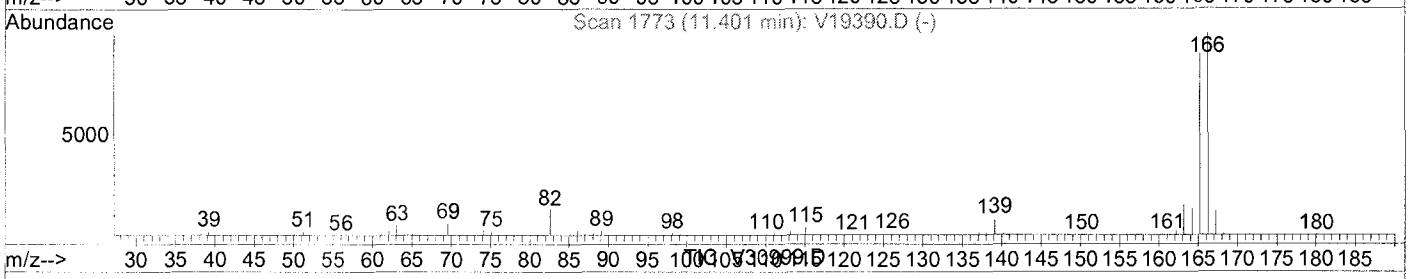
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(51) C590 Fluorene (T)

10.17min 0.31ng

response 4043

Ion	Exp%	Act%
166.00	100	100
165.00	91.40	79.27
167.00	13.10	0.00
0.00	0.00	0.00

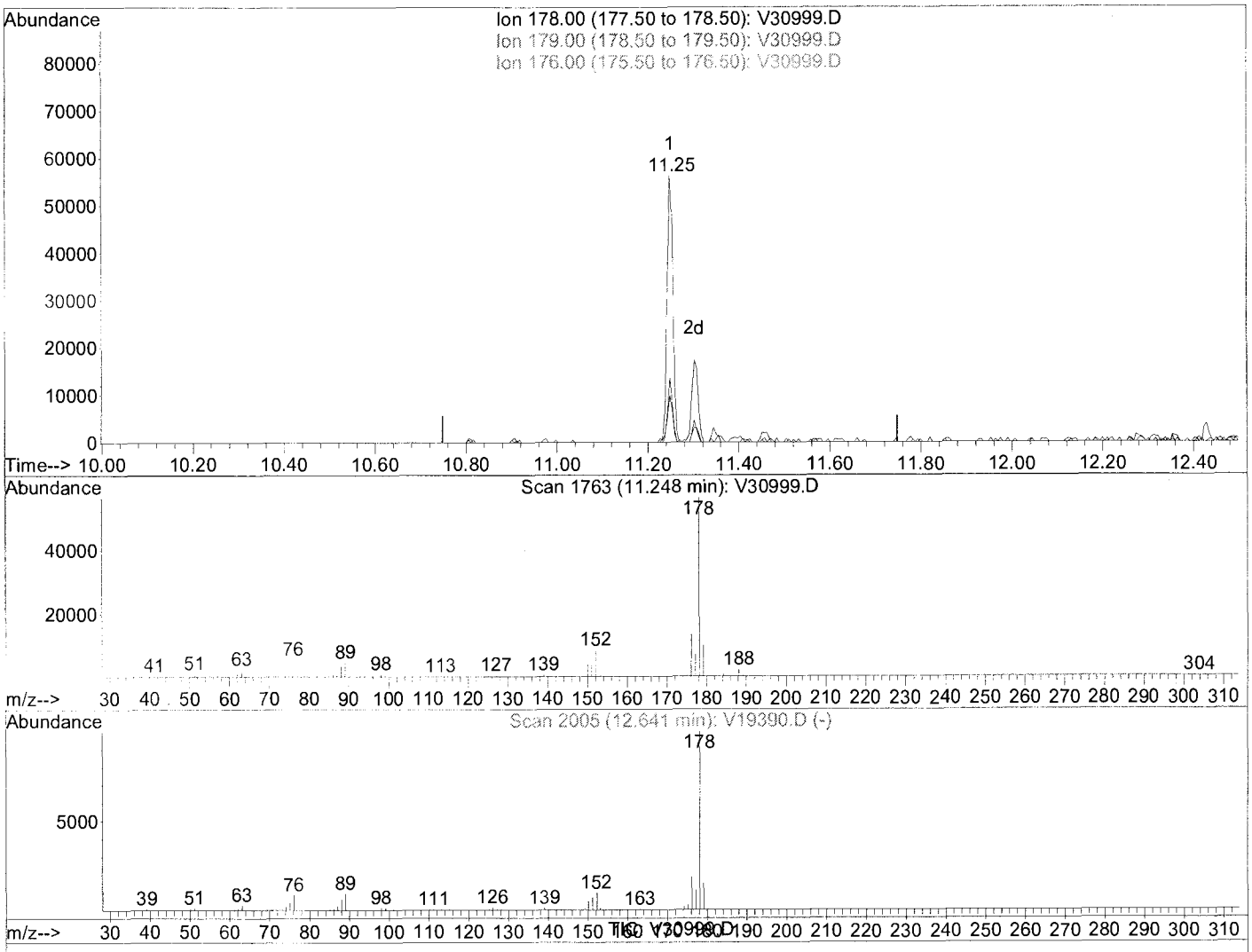
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(63) C640 Phenanthrene (T)

11.25min 2.83ng

response 50662

Ion	Exp%	Act%
178.00	100	100
179.00	14.20	17.79
176.00	18.00	24.44
0.00	0.00	0.00

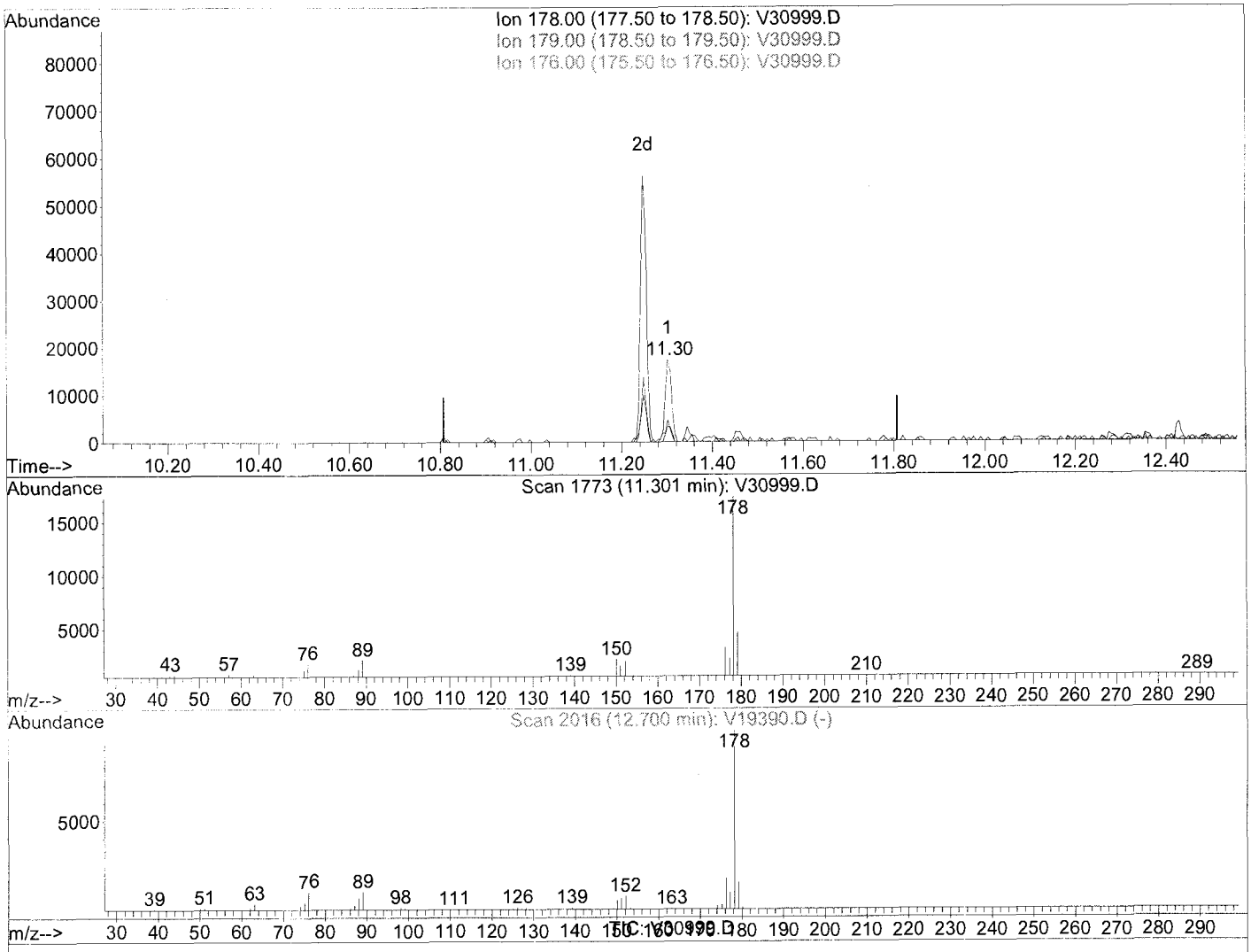
Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(64) C645 Anthracene (T)

11.30min 0.92ng

response 17152

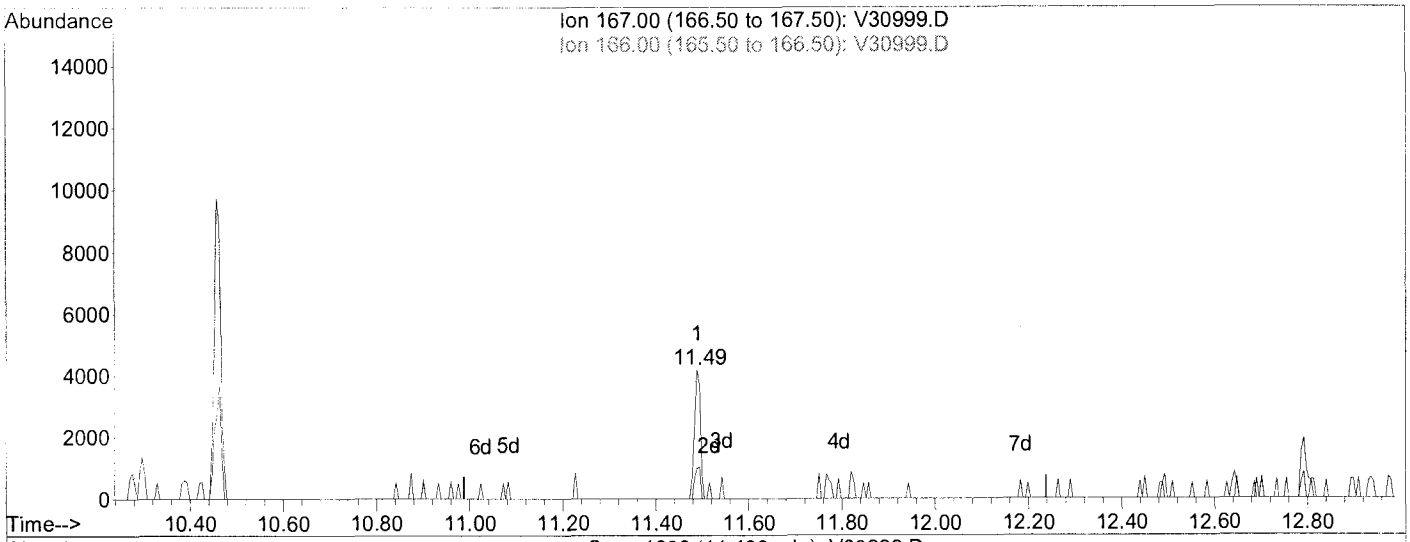
Ion	Exp%	Act%
178.00	100	100
179.00	13.60	26.75
176.00	17.10	18.27
0.00	0.00	0.00

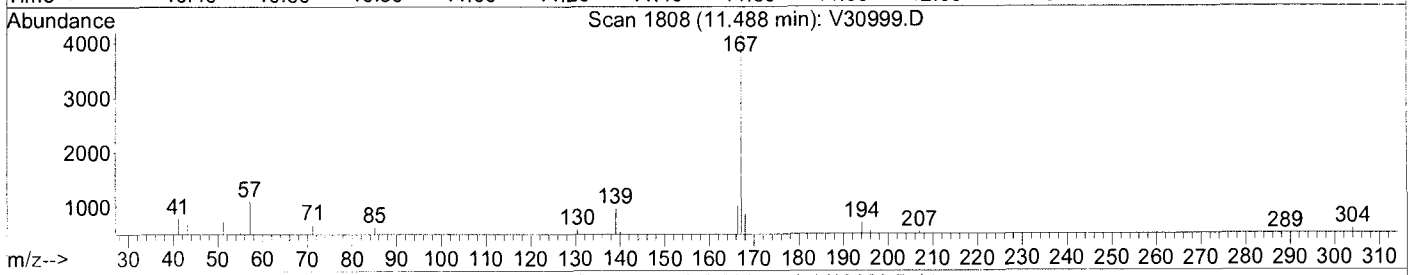
Quantitation Report (Qedit)

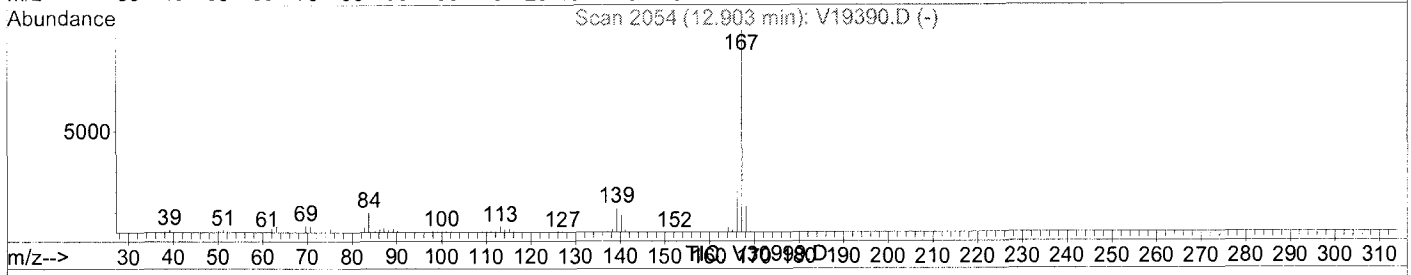
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(65) C647 carbazole (T)

11.49min 0.21ng

response 3703

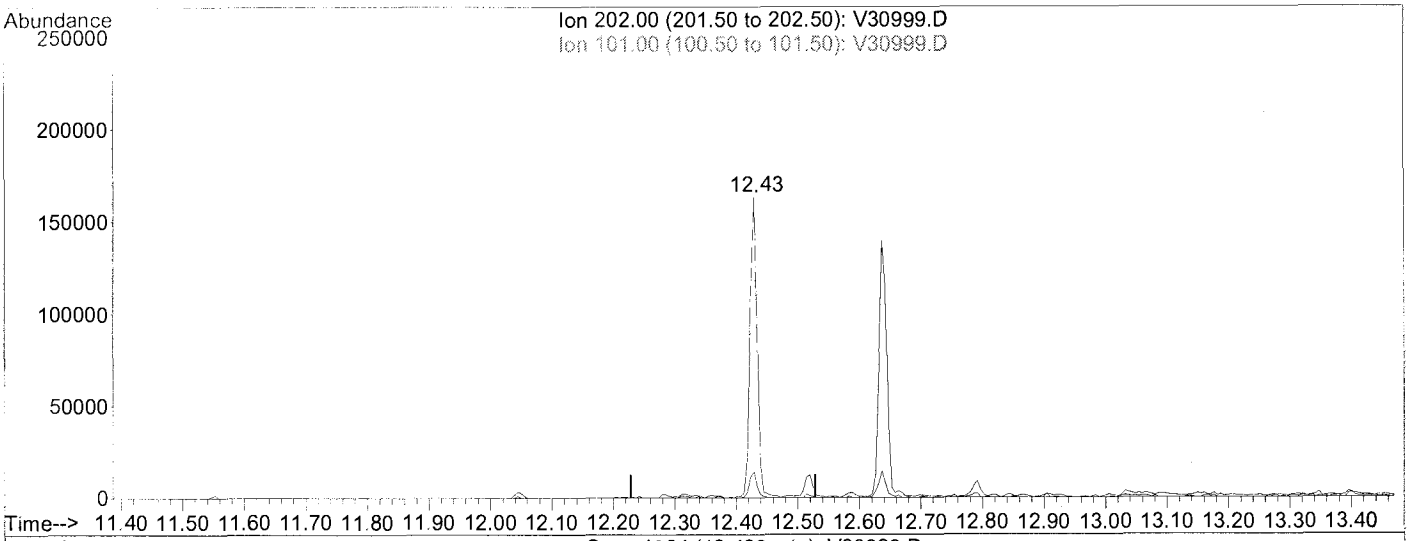
Ion	Exp%	Act%
167.00	100	100
166.00	19.20	23.17
0.00	0.00	0.00
0.00	0.00	0.00

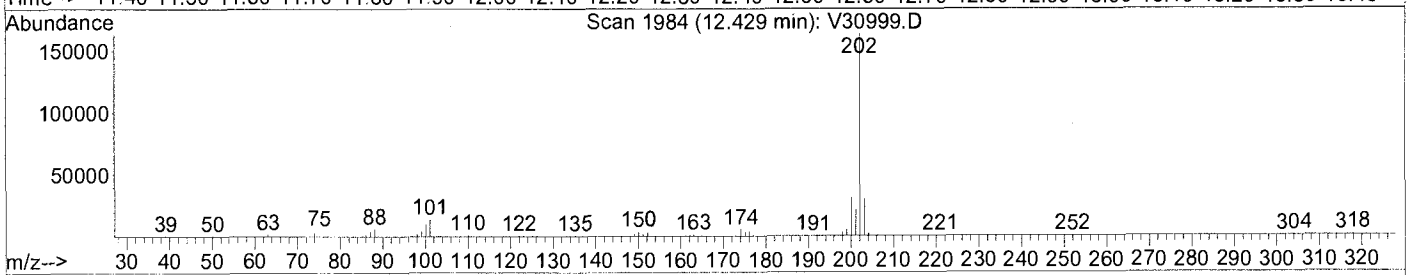
Quantitation Report (Qedit)

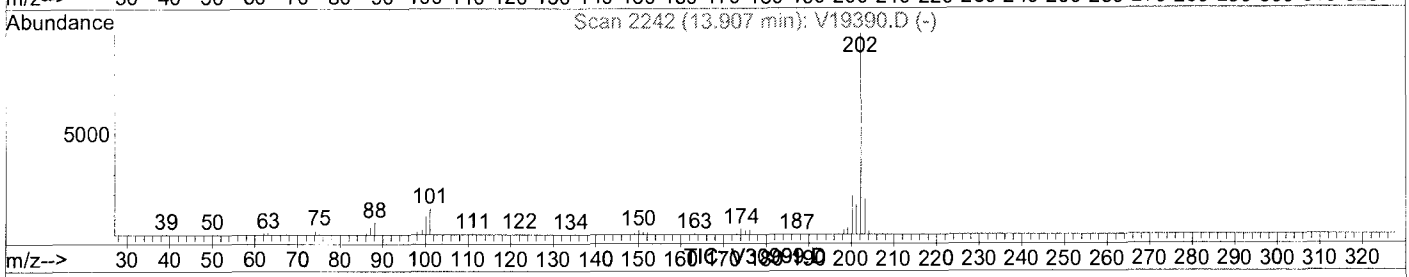
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(67) C655 Fluoranthene (TC)

12.43min 5.79ng

response 132483

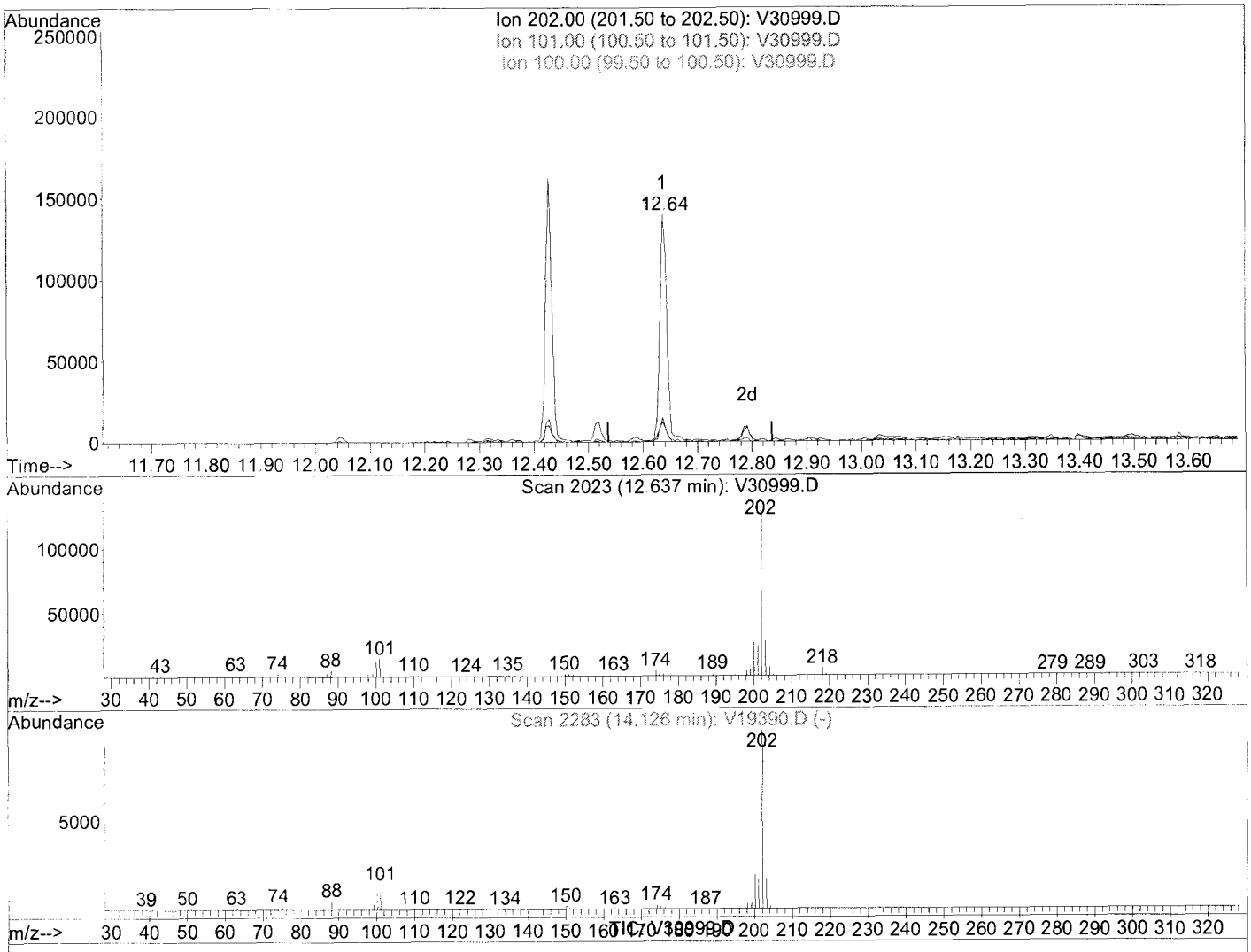
Ion	Exp%	Act%
202.00	100	100
101.00	11.90	8.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:30 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(69) C715 Pyrene (M)

12.64min 4.97ng

response 127459

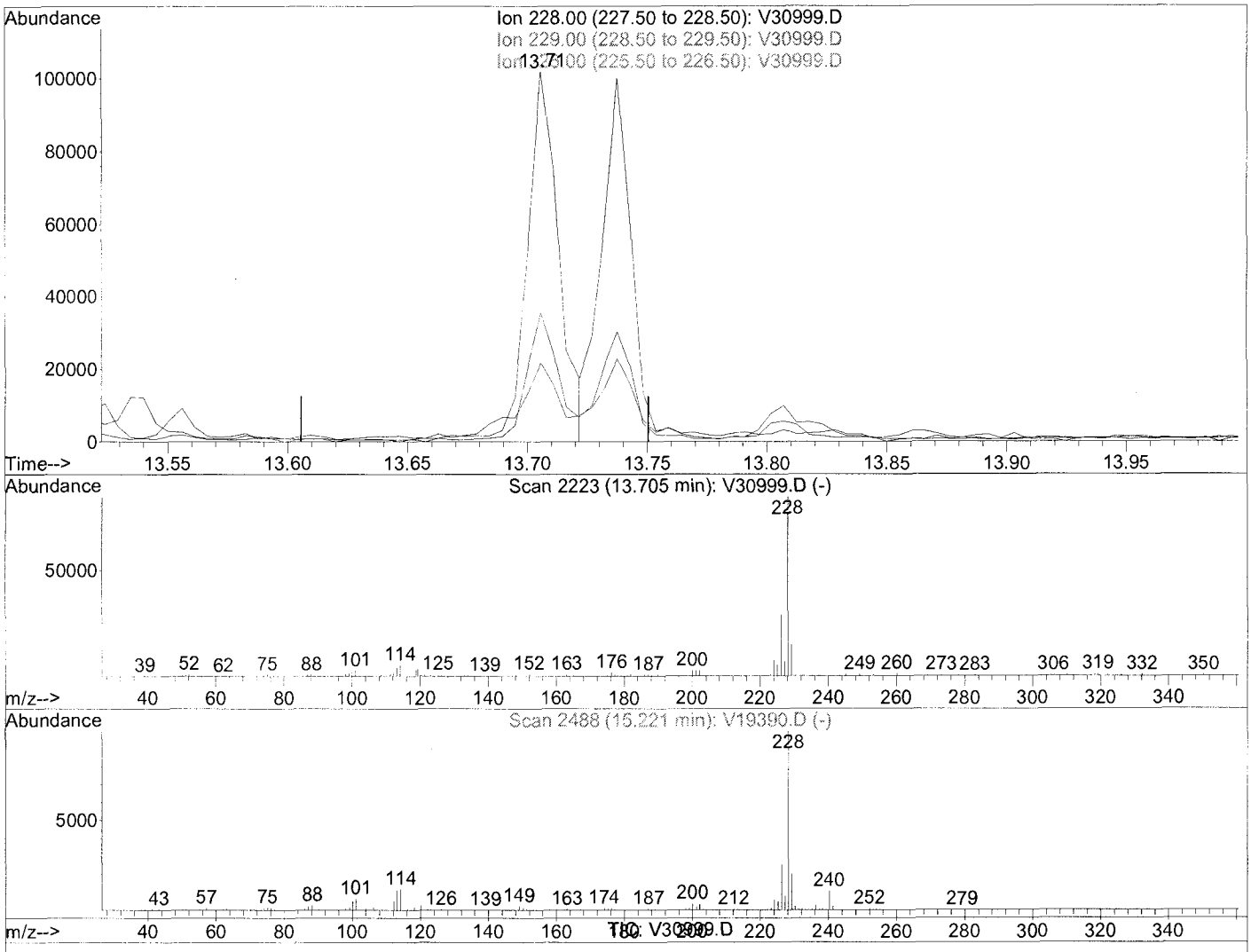
Ion	Exp%	Act%
202.00	100	100
101.00	14.70	10.45
100.00	11.30	8.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:31 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(74) C730 Benzo[a]anthracene (T)

13.71min 3.97ng

response 94957

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	20.37
226.00	25.60	34.03
0.00	0.00	0.00

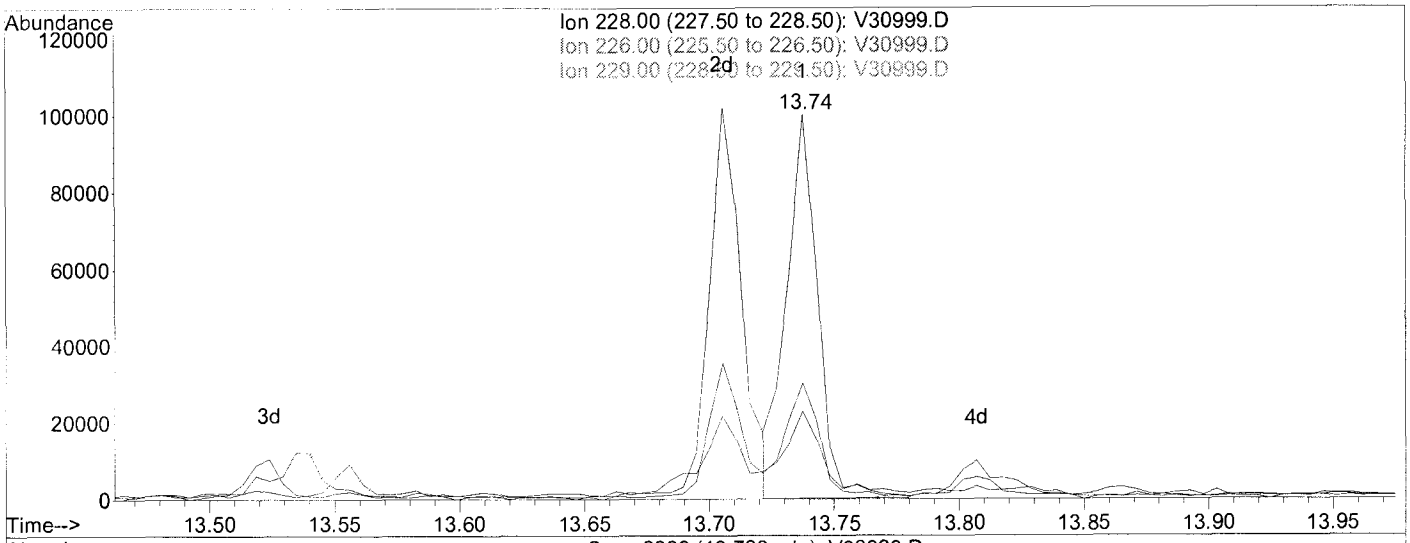
Quantitation Report (Qedit)

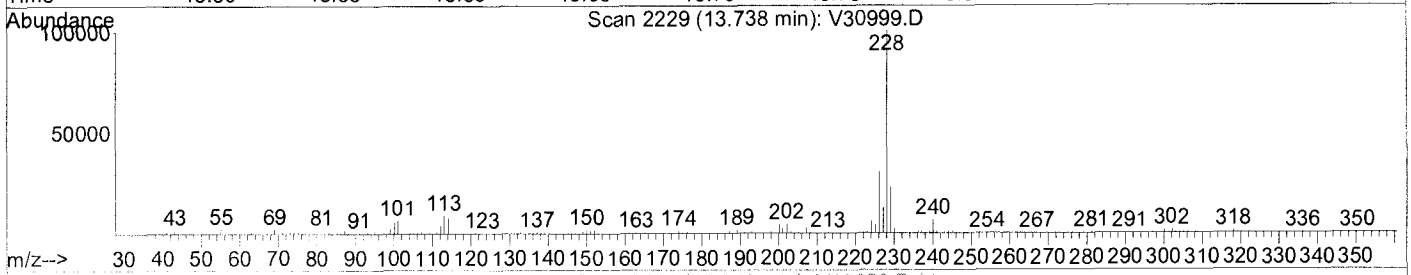
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:31 2008

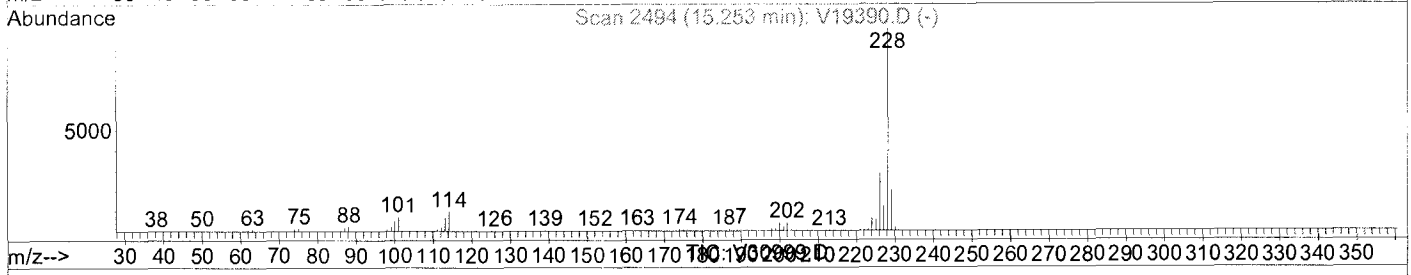
Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.74min 3.72ng

response 87255

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	29.81
229.00	19.20	21.42
0.00	0.00	0.00

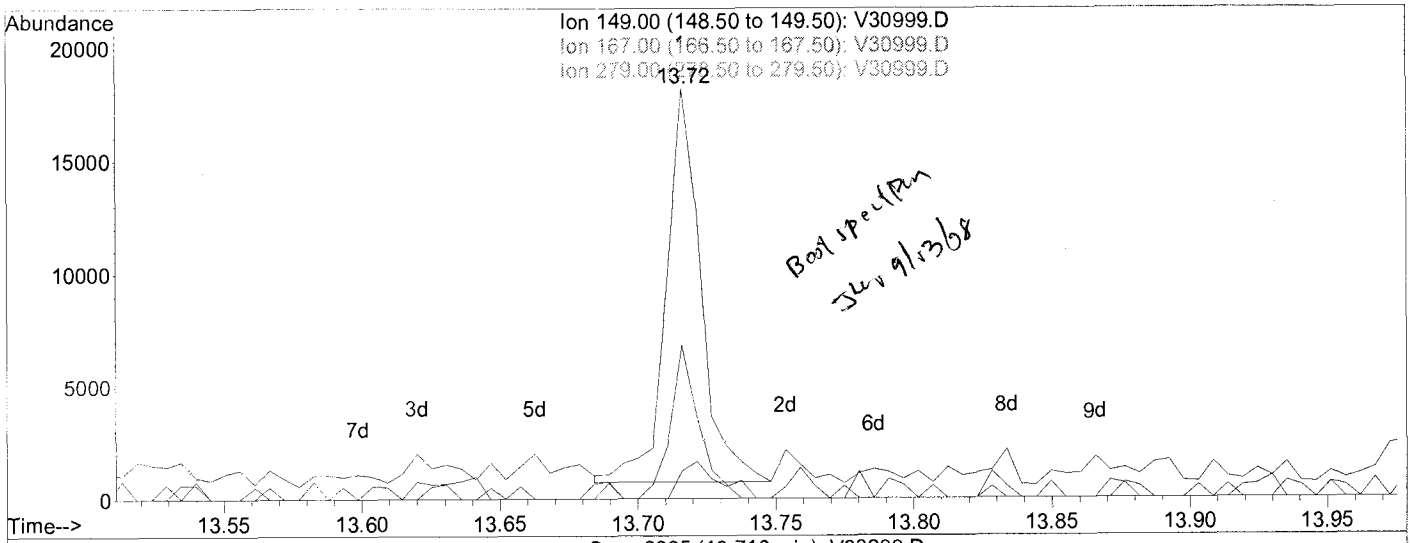
Quantitation Report (Qedit)

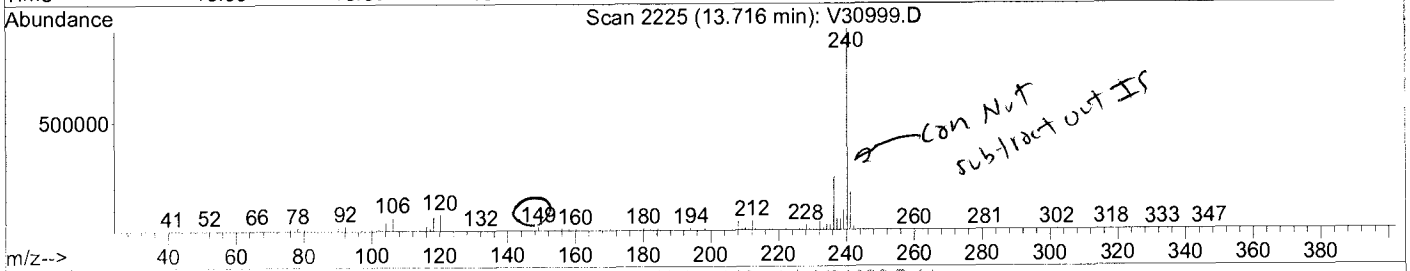
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:31 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration





(76) C740 bis(2-Ethylhexyl)phthalate (T)

13.72min 1.01ng

response 15364

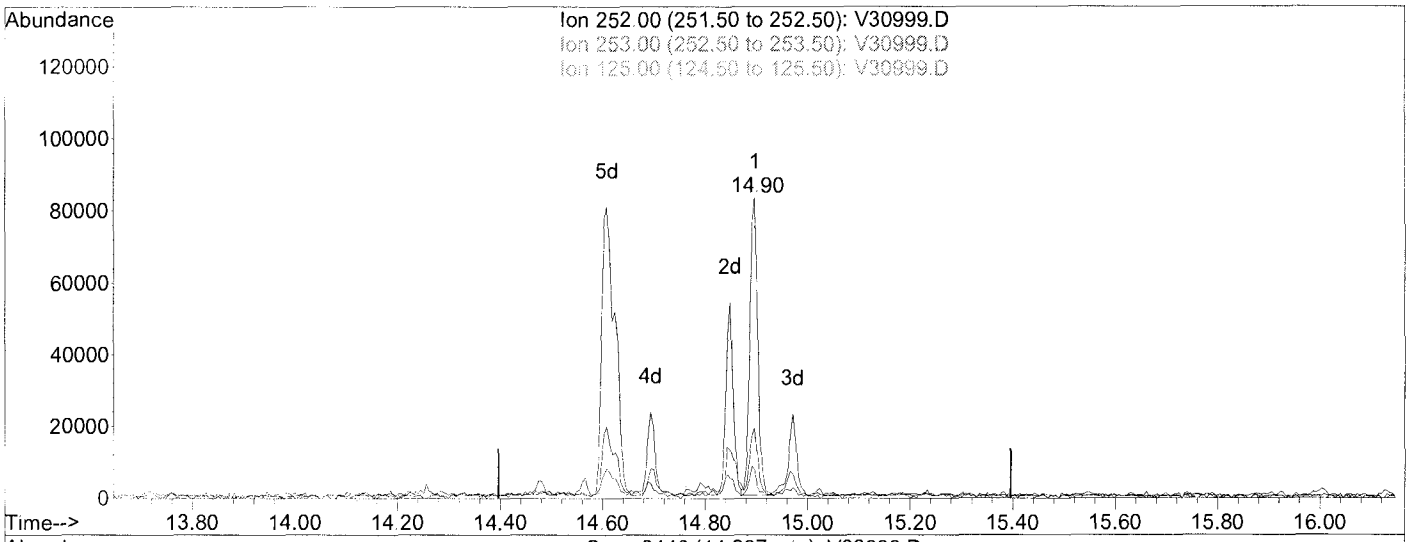
Ion	Exp%	Act%
149.00	100	100
167.00	28.30	39.05
279.00	6.10	7.17
0.00	0.00	0.00

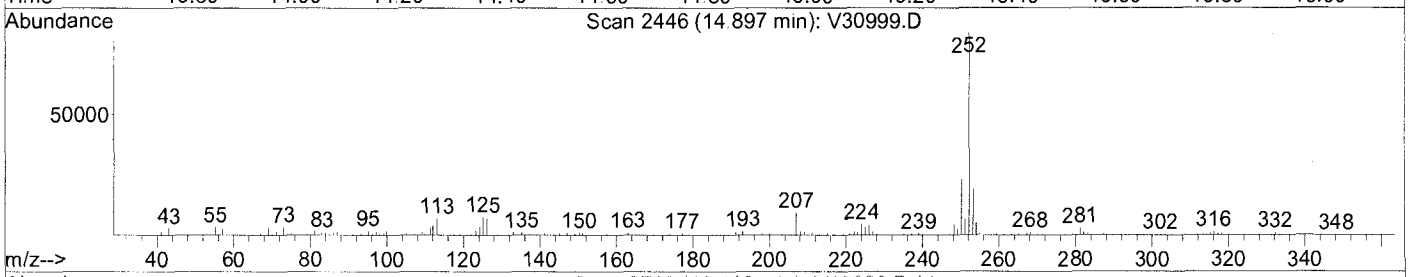
Quantitation Report (Qedit)

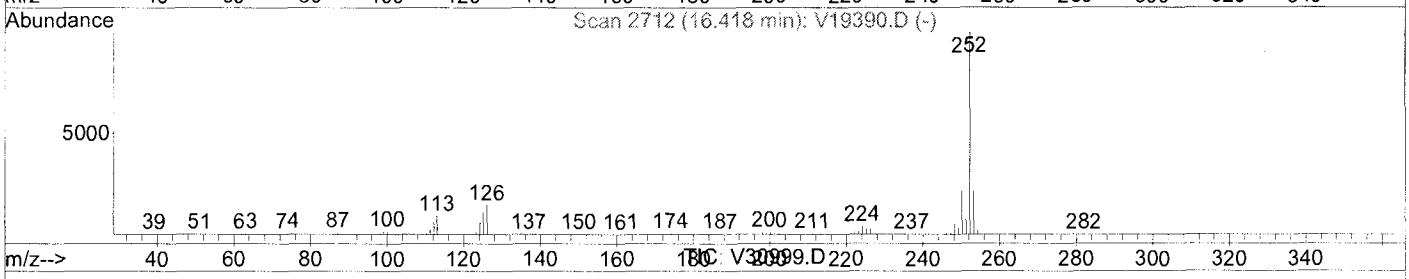
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(81) C775 Benzo[a]pyrene (TC)

14.90min 3.41ng

response 88917

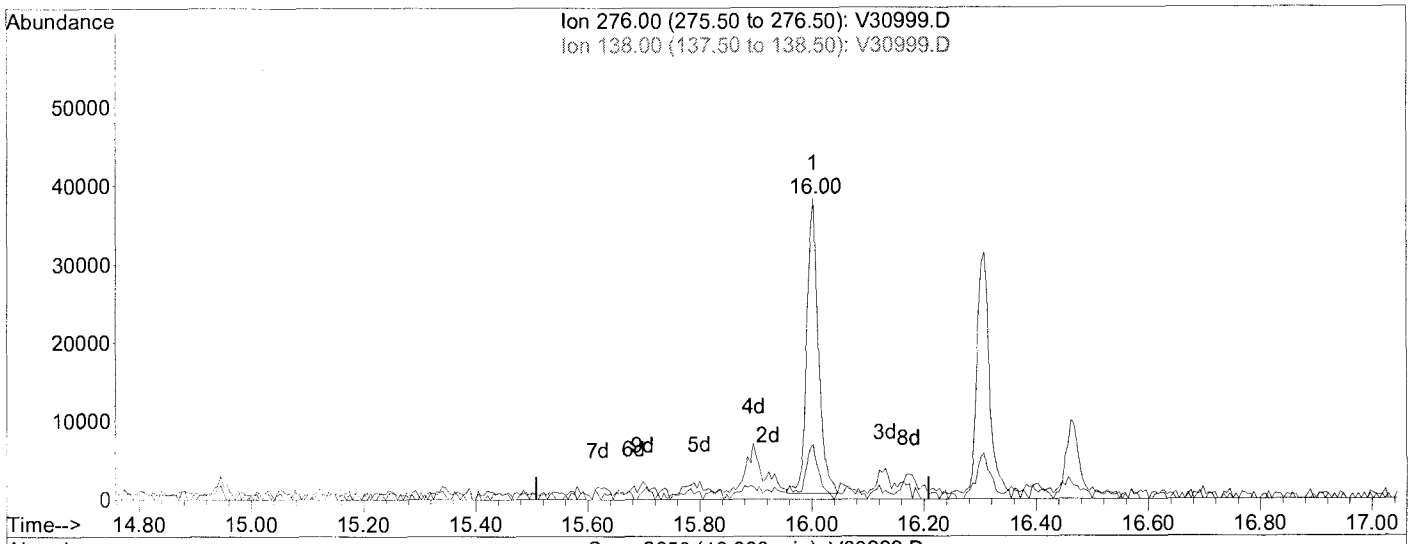
Ion	Exp%	Act%
252.00	100	100
253.00	21.00	22.07
125.00	10.80	8.88
0.00	0.00	0.00

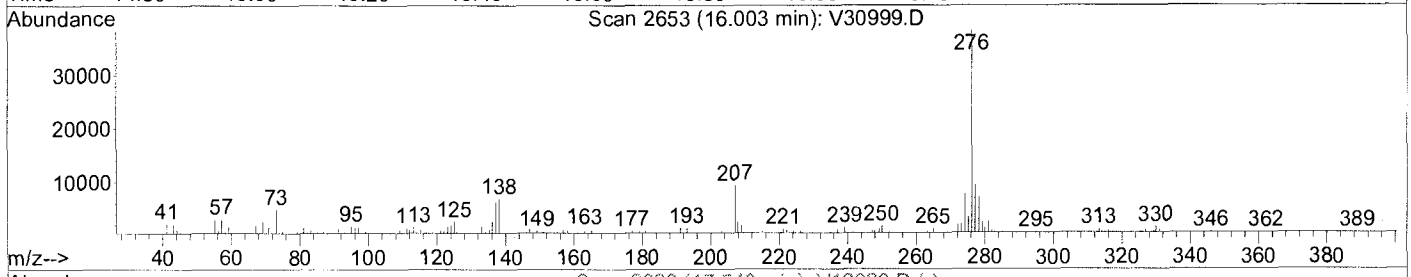
Quantitation Report (Qedit)

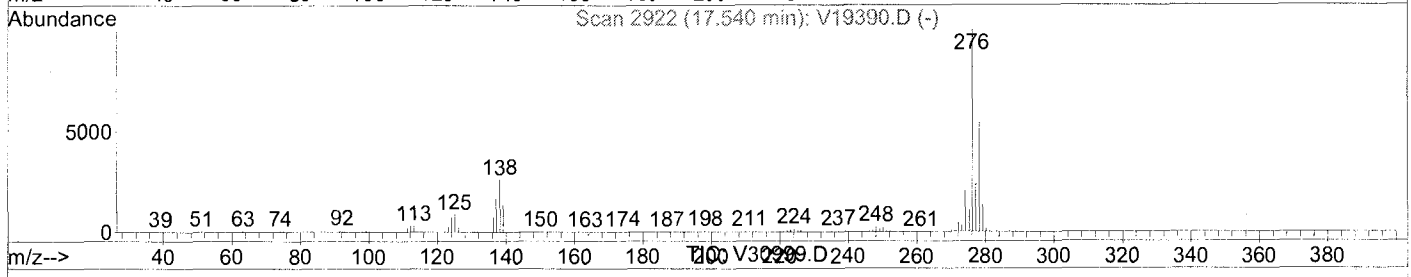
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(82) C780 Indeno[1,2,3-cd]pyrene (T)

16.00min 1.83ng

response 54222

Ion	Exp%	Act%
276.00	100	100
138.00	27.10	16.15
0.00	0.00	0.00
0.00	0.00	0.00

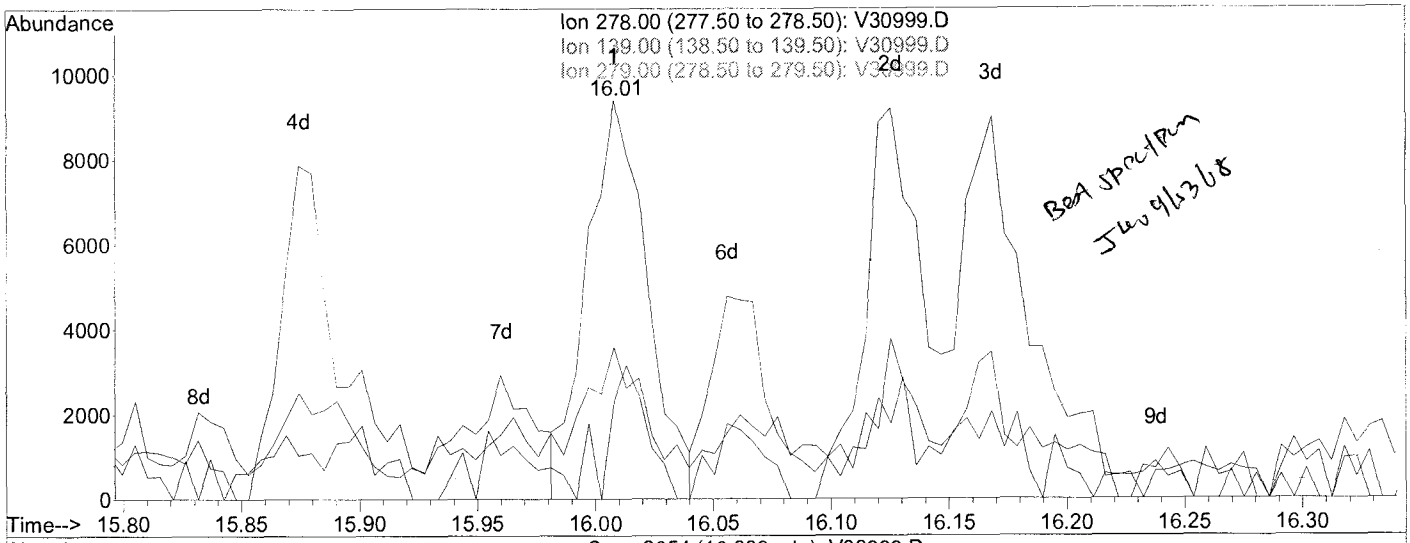
Quantitation Report (Qedit)

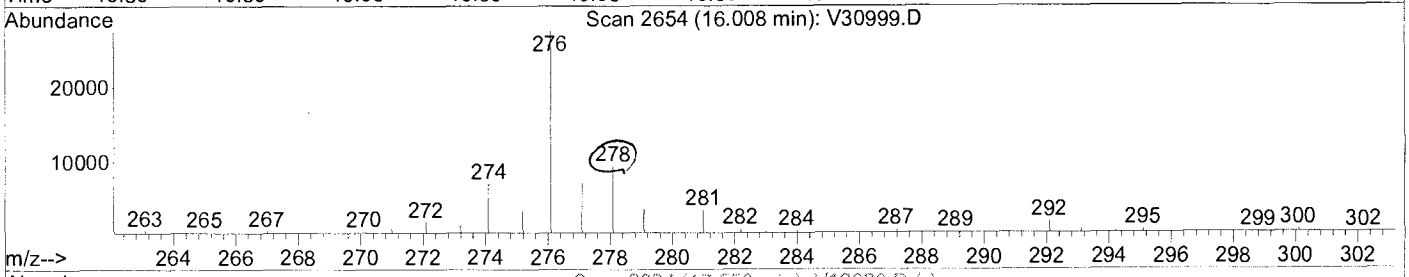
Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

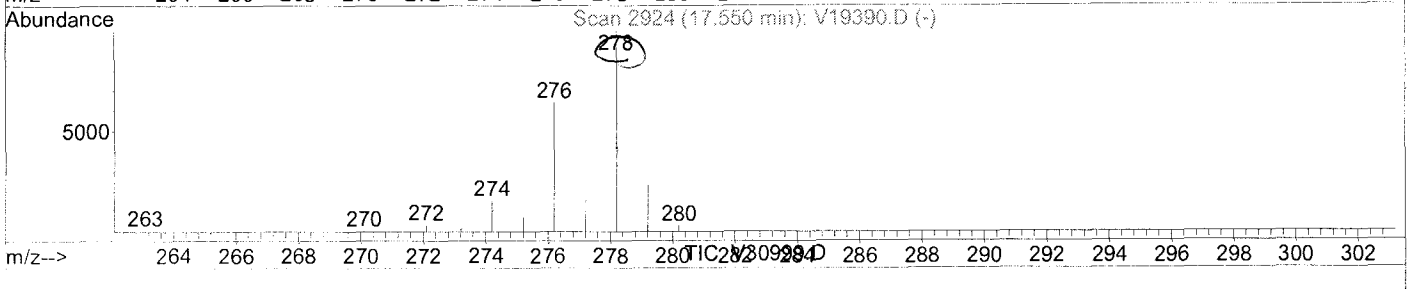
Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(83) C785 Dibenz[a,h]anthracene (T)

16.01min 0.66ng

response 16680

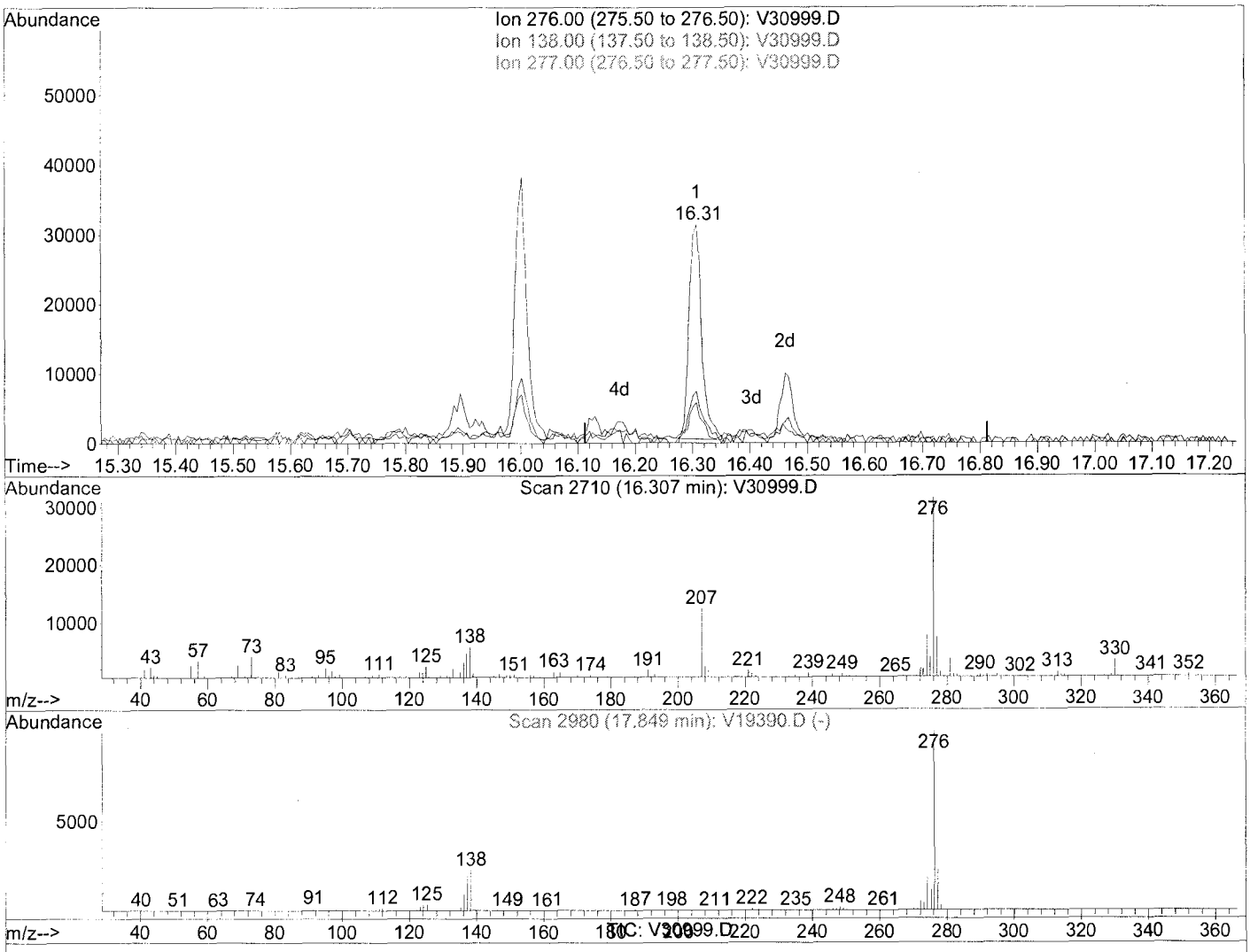
Ion	Exp%	Act%
278.00	100	100
139.00	17.80	27.96
279.00	21.80	34.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30999.D
Acq On : 2 Sep 2008 19:28
Sample : A8A47503 AS80010960
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:32 2008

Vial: 29
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(84) C790 Benzo[g,h,i]perylene (T)

16.31min 1.92ng

response 47536

Ion	Exp%	Act%
276.00	100	100
138.00	24.90	18.74
277.00	23.10	24.11
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 30.14 (g/mL) G Lab File ID: V31055.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
208-96-8	Acenaphthylene	8	J
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	370	U
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	18	J
205-99-2	Benzo(b)fluoranthene	25	J
207-08-9	Benzo(k)fluoranthene	14	J
191-24-2	Benzo(ghi)perylene	41	J
50-32-8	Benzo(a)pyrene	17	J
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	1900	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	31	BJ
53-70-3	Dibenzo(a,h)anthracene	370	U
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 30.14 (g/mL) G Lab File ID: V31055.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	9	J
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	J
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	370	U
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	1900	U
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
87-86-5	Pentachlorophenol	370	U
85-01-8	Phenanthrene	370	U
108-95-2	Phenol	370	U
129-00-0	Pyrene	18	J
95-95-4	2,4,5-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47504

Sample wt/vol: 30.14 (g/mL) G Lab File ID: V31055.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

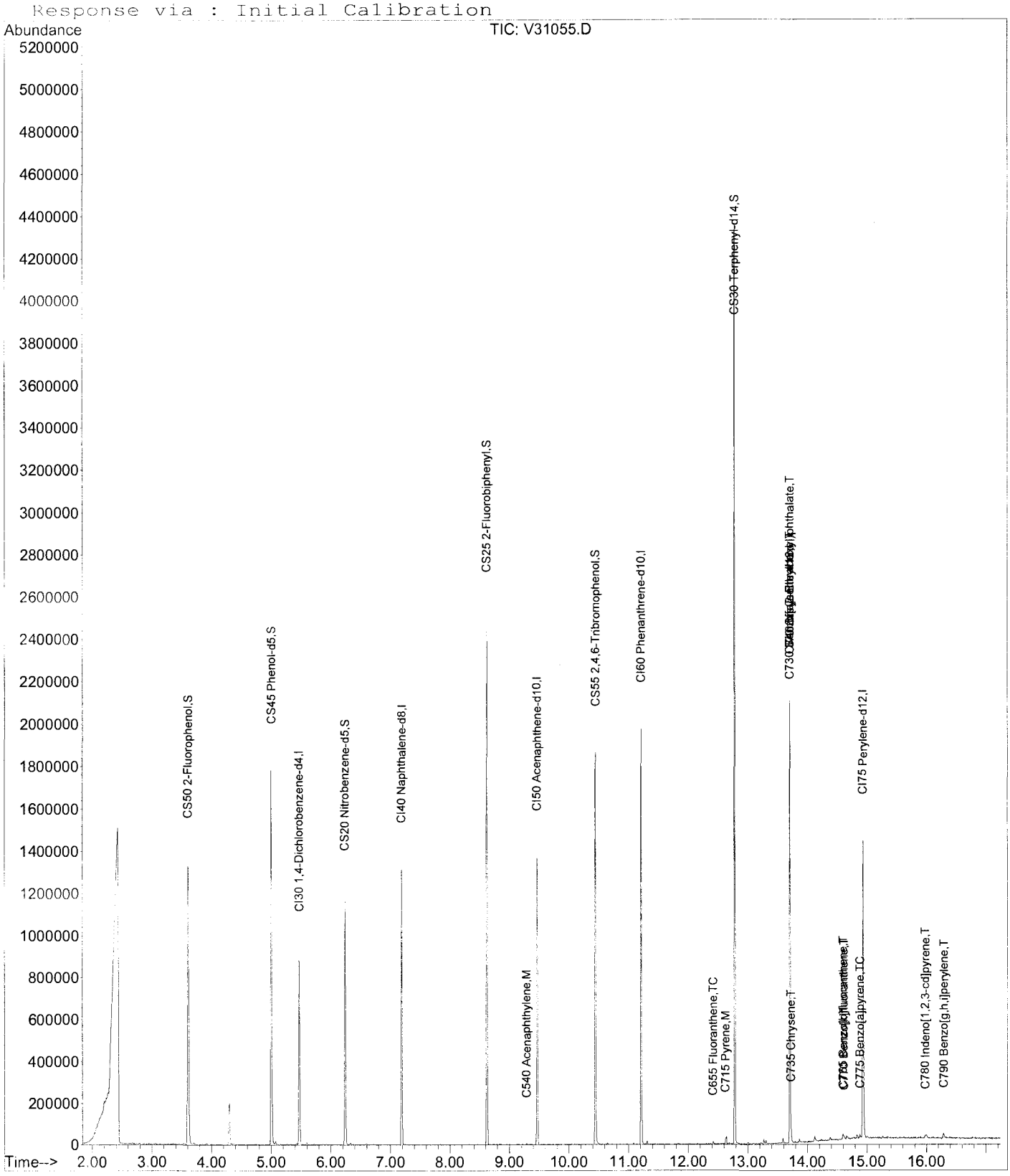
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:36 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:42 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

SDW 9/4/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	155909	40.00	ng	0.00 80.31%
20) CI40 Naphthalene-d8	7.19	136	568445	40.00	ng	0.00 78.23%
35) CI50 Acenaphthene-d10	9.46	164	325414	40.00	ng	0.00 79.10%
56) CI60 Phenanthrene-d10	11.21	188	703934	40.00	ng	0.00 80.67%
68) CI70 Chrysene-d12	13.71	240	702312	40.00	ng	0.00 86.14%
78) CI75 Perylene-d12	14.93	264	502584	40.00	ng	0.00 81.13%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	490261	83.44	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 55.63%			
5) CS45 Phenol-d5	5.00	99	708987	93.99	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 62.66%			
6) CS70 2-chlorophenol-d4	5.07	132	595	0.11	ng	-0.09
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.07%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	423804	58.21	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 58.21%			
39) CS25 2-Fluorobiphenyl	8.62	172	790156	64.69	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 64.69%			
59) CS55 2,4,6-Tribromophenol	10.45	330	175217	120.10	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 80.07%			
71) CS30 Terphenyl-d14	12.78	244	1255167	78.92	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 78.92%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.		
7) C315 Phenol	5.01	94	395	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	5.51	45	192	N.D.		
16) C355 2-Methylphenol	6.24	108	193	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
19) C365 4-Methylphenol	6.24	108	193	N.D.		
22) C410 Nitrobenzene	6.24	77	1426	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

9/4/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:42 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

MD 9/4/08

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.21	128	404	N.D.	
31)	C455 4-Chloroaniline	0.00	127	0	N.D.	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D.	
42)	C540 Acenaphthylene	9.29	152	3761	0.23 ng	86
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	9.12	153	173	N.D.	
46)	C545 3-Nitroaniline	8.62	138	200	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	0.00	168	0	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D.	
51)	C590 Fluorene	0.00	166	0	N.D.	
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	0.00	149	0	N.D.	
54)	C620 1,2 diphenylhydrazine	10.45	77	1622	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.24	178	3295	N.D.	
64)	C645 Anthracene	11.30	178	340	N.D.	
65)	C647 carbazole	0.00	167	0	N.D.	
66)	C650 Di-n-butylphthalate	11.84	149	1751	N.D.	
67)	C655 Fluoranthene	12.42	202	5523	0.25 ng	81
69)	C715 Pyrene	12.63	202	11194	0.48 ng	88
70)	C710 benzidine	12.57	184	164	N.D.	
72)	C720 Butylbenzylphthalate	13.22	149	835	N.D.	
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.	
74)	C730 Benzo[a]anthracene	13.69	228	10243	0.47 ng	79
75)	C735 Chrysene	13.73	228	17928	0.84 ng	96
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	9338	0.67 ng	84
77)	C760 Di-n-octylphthalate	14.23	149	1442	N.D.	
79)	C765 Benzo[b]fluoranthene	14.59	252	12324m	0.66 ng	95
80)	C770 Benzo[k]fluoranthene	14.61	252	6208m	0.36 ng	97
81)	C775 Benzo[a]pyrene	14.88	252	7496	0.46 ng	89
82)	C780 Indeno[1,2,3-cd]pyren	15.99	276	11438	0.62 ng	74
83)	C785 Dibenz[a,h]anthracene	16.00	278	2379	N.D.	
84)	C790 Benzo[g,h,i]perylene	16.29	276	16772	1.09 ng	89

MD 9/4/08

9/2/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:35 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multip1r: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	155909	40.00	ng	0.00 98.53%
4) CI40 Naphthalene-d8	7.19	136	568445	40.00	ng	0.00 101.73%
7) CI50 Acenaphthene-d10	9.46	164	325414	40.00	ng	0.00 100.91%
10) CI60 Phenanthrene-d10	11.21	188	703934	40.00	ng	0.00 111.02%
12) CI70 Chrysene-d12	13.71	240	702312	40.00	ng	0.00 103.49%
13) CI75 Perylene-d12	14.93	264	502584	40.00	ng	0.00 92.54%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.00	77	1338	0.23	ng	# 1
3) E145 Acetophenone	5.92	105	272	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.74	154	1292	N.D.		
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

(#) = qualifier out of range (m) = manual integration

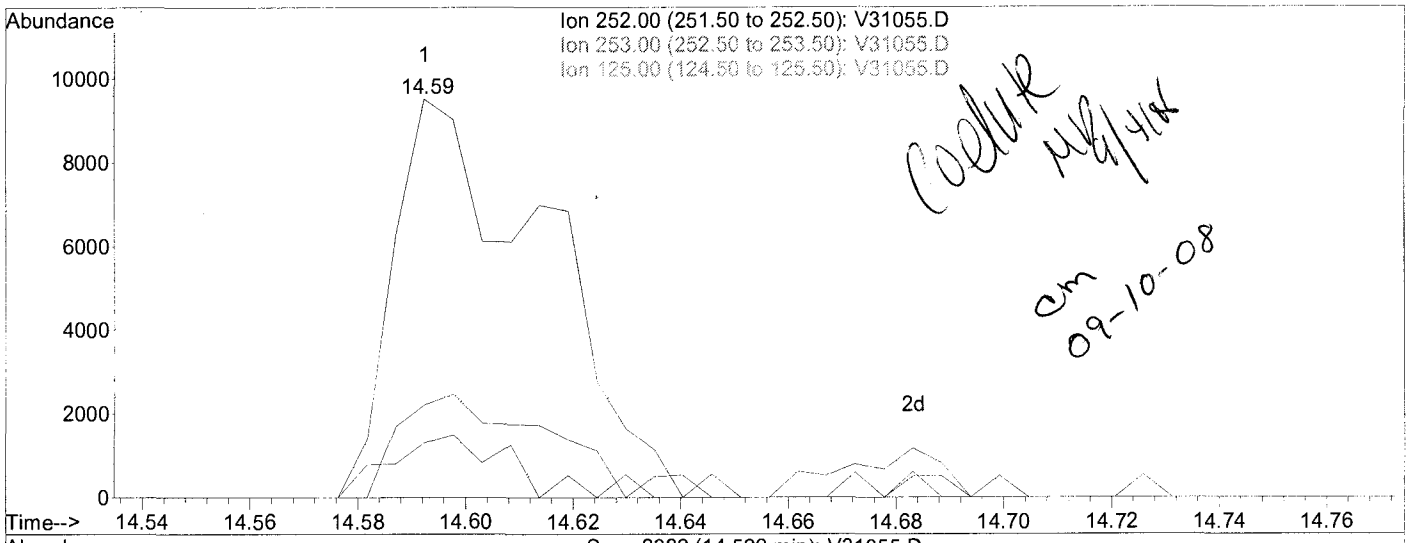
Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 7:32 2008

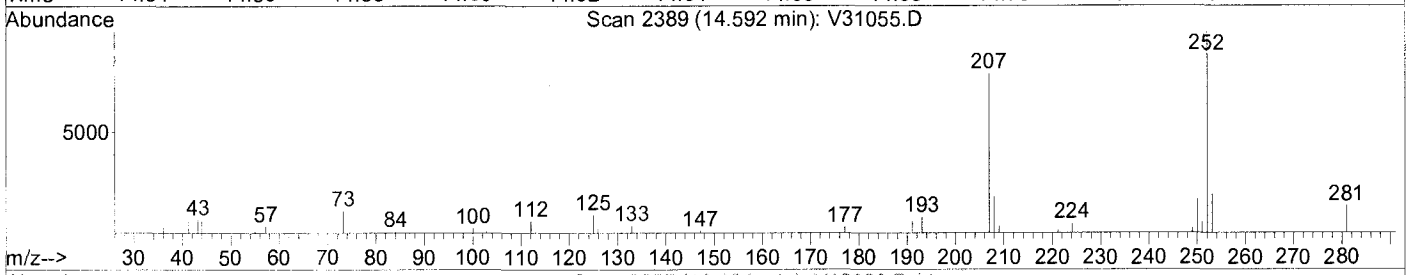
Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

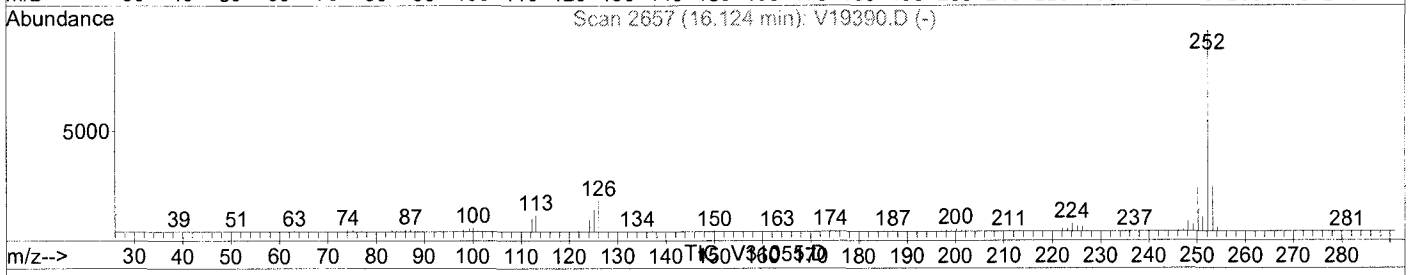
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration



Coelut
μg/μg
cm
09-10-08





(79) C765 Benzo[b]fluoranthene (T)

14.59min 1.01ng

response 18711

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.31
125.00	17.90	13.76
0.00	0.00	0.00

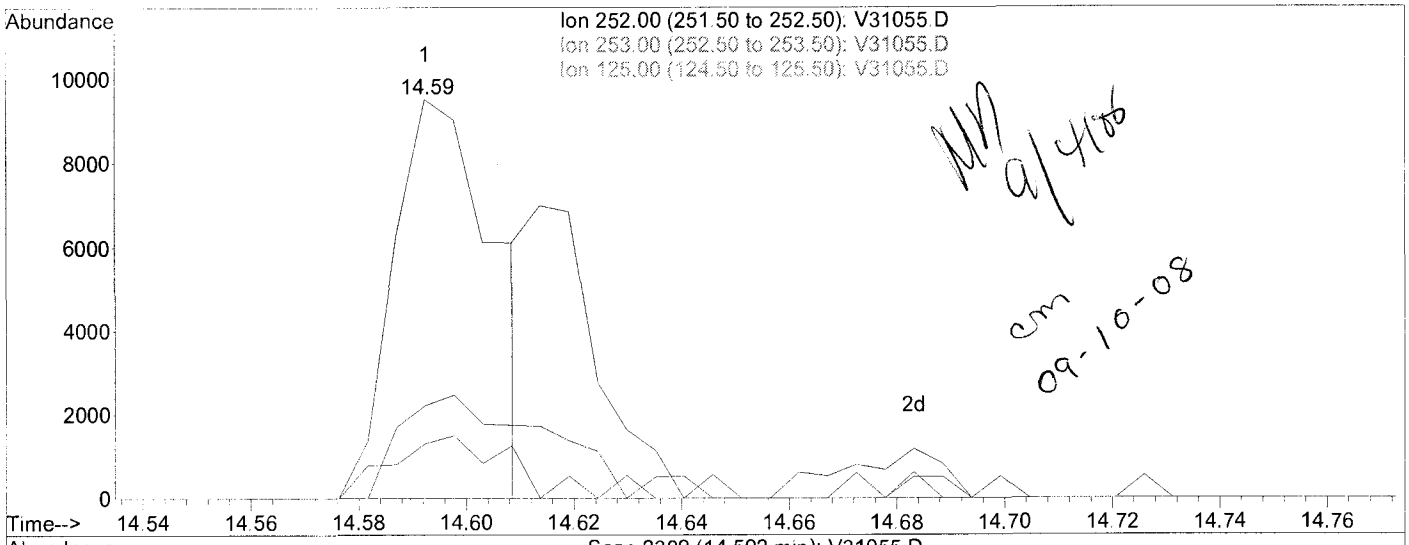
Quantitation Report (Qedit)

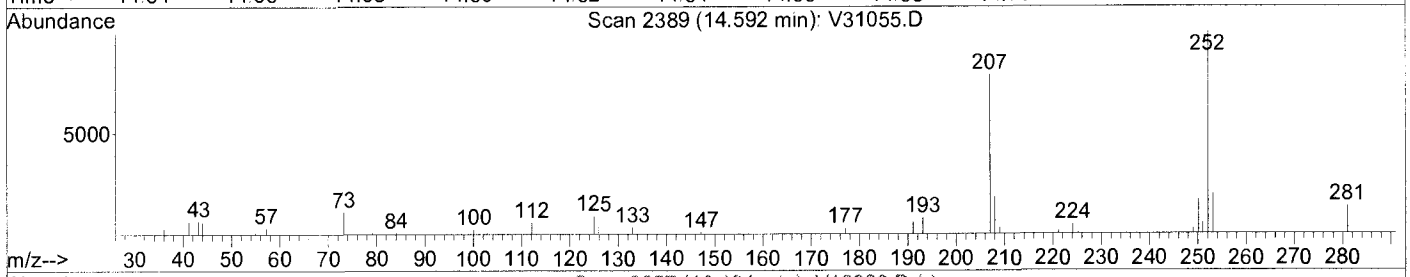
Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:36 2008

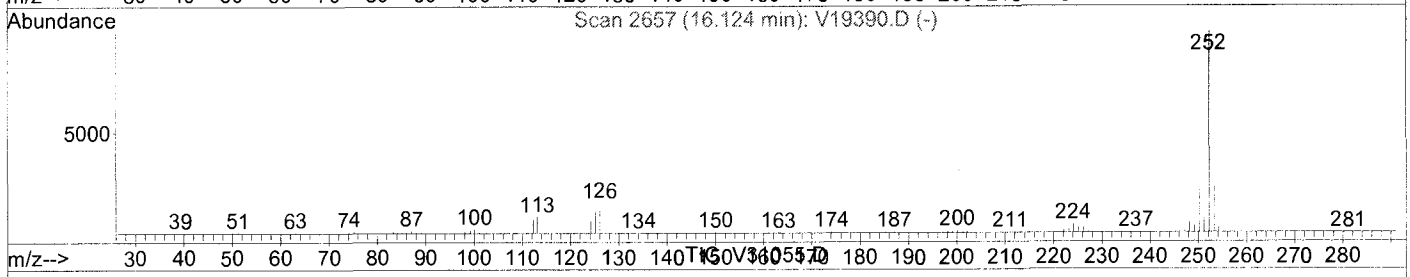
Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.59min 0.66ng m

response 12324

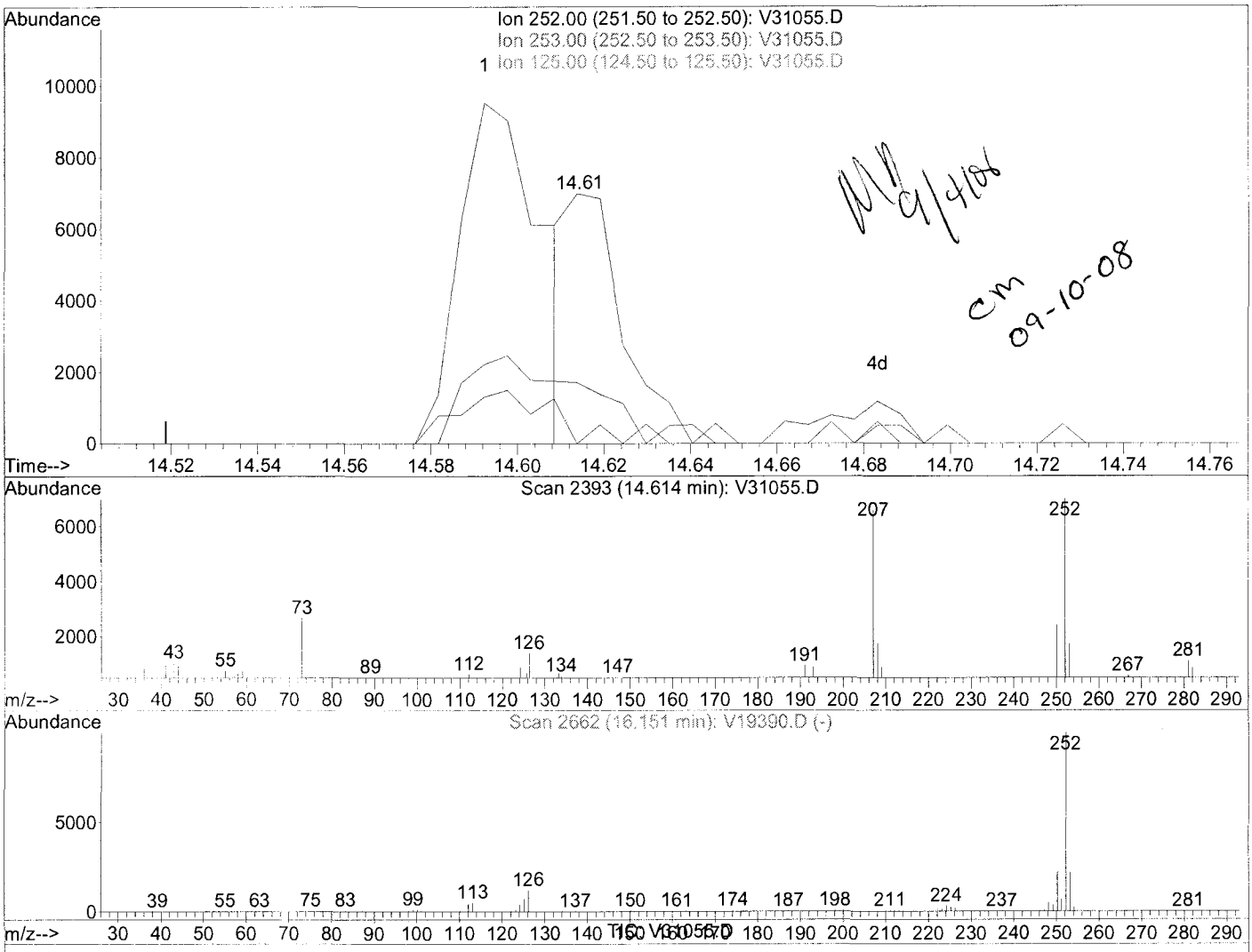
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.31
125.00	17.90	13.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:36 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration

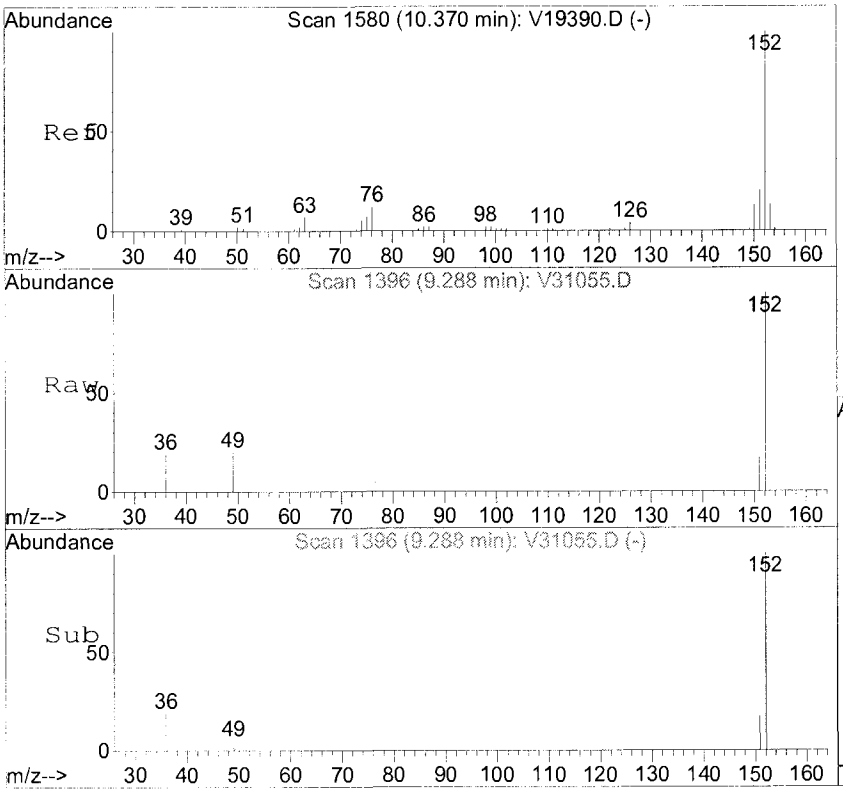


(80) C770 Benzo[k]fluoranthene (T)

14.61min 0.36ng m

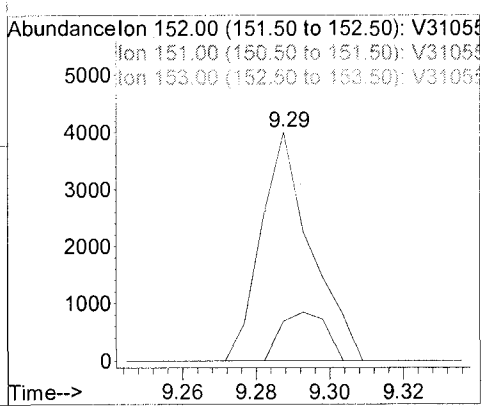
response 6208

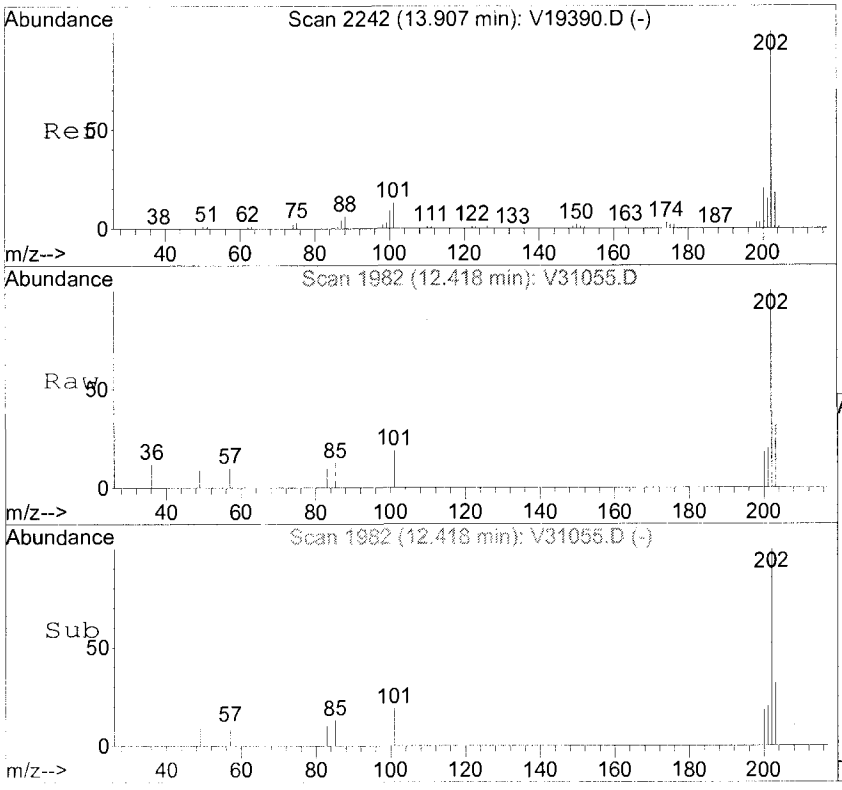
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.58
125.00	16.20	9.53
0.00	0.00	0.00



#42
C540 Acenaphthylene
Concen: 0.23 ng
RT: 9.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

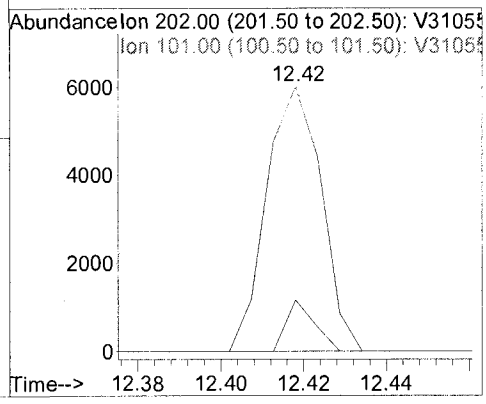
Tgt Ion:152	Resp:	3761	
Ion	Ratio	Lower	Upper
152	100		
151	17.3	0.0	38.2
153	0.0	0.0	32.8

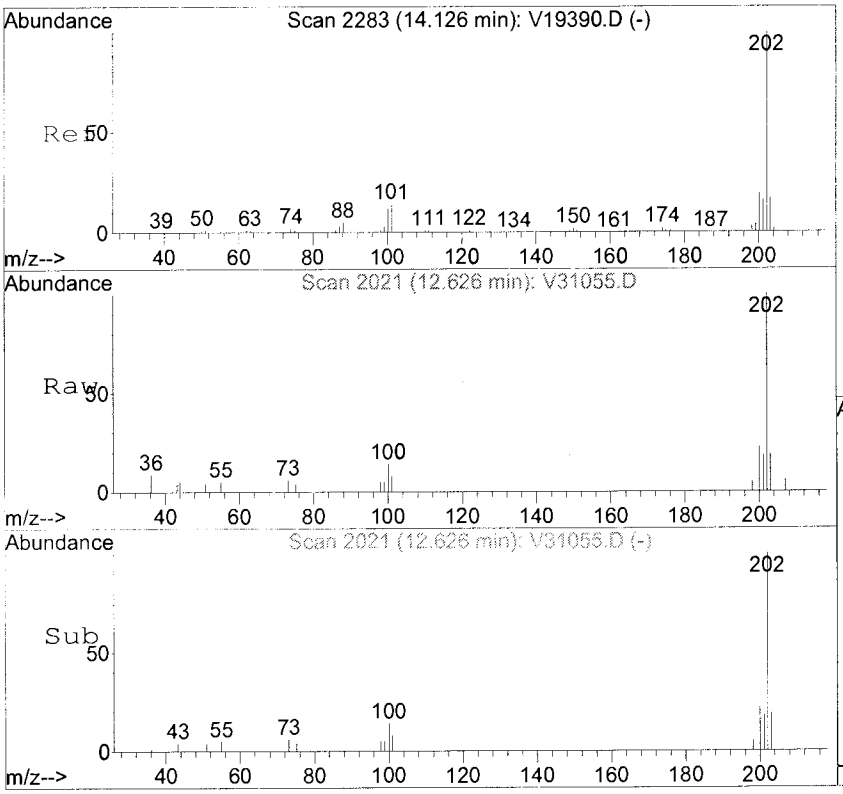




#67
C655 Fluoranthene
Concen: 0.25 ng
RT: 12.42 min Scan# 1982
Delta R.T. 0.00 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:202	Resp:	5523	
Ion	Ratio	Lower	Upper
202	100		
101	19.4	0.0	31.9

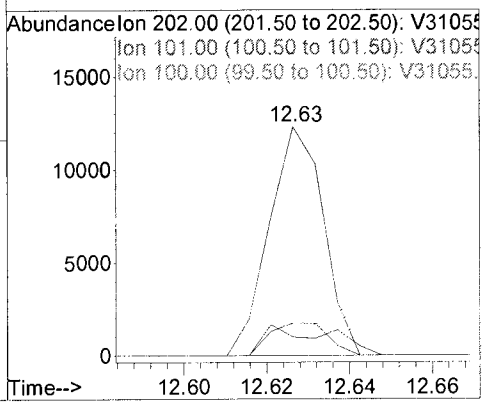


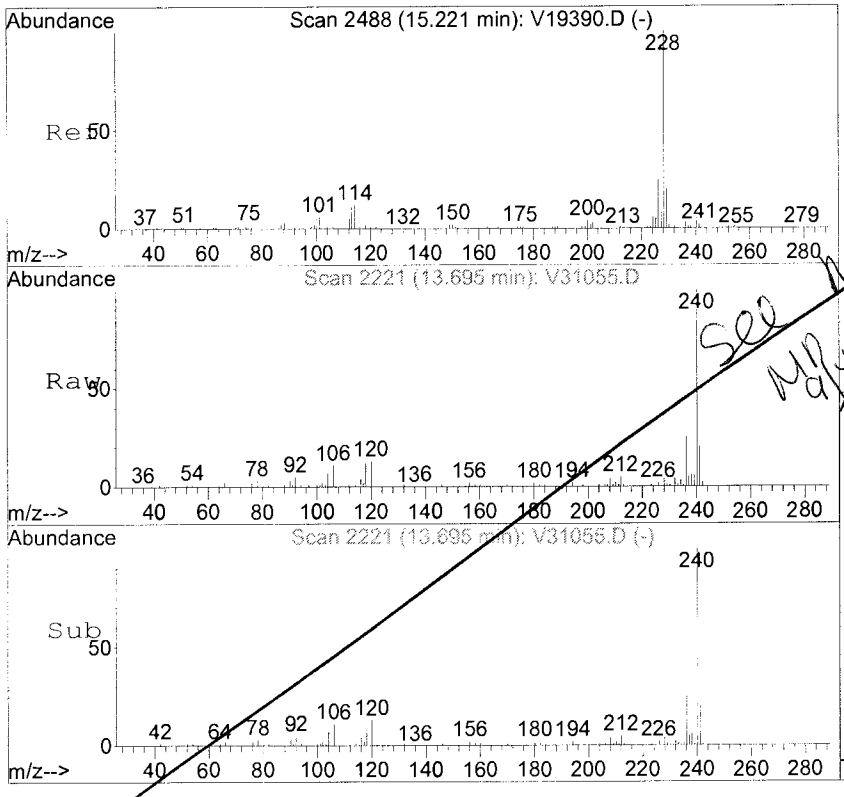


#69
C715 Pyrene
Concen: 0.48 ng
RT: 12.63 min Scan# 2021
Delta R.T. 0.00 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:202 Resp: 11194

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	34.7
100	14.1	0.0	31.3

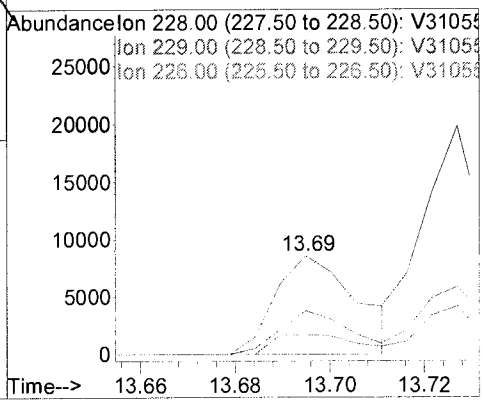




#74
C730 Benzo[a]anthracene
Concen: 0.47 ng
RT: 13.69 min Scan# 2221
Delta R.T. 0.00 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:228 Resp: 10243

Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	39.5
226	44.0	5.6	45.6



See Next Page MP 9/4/08

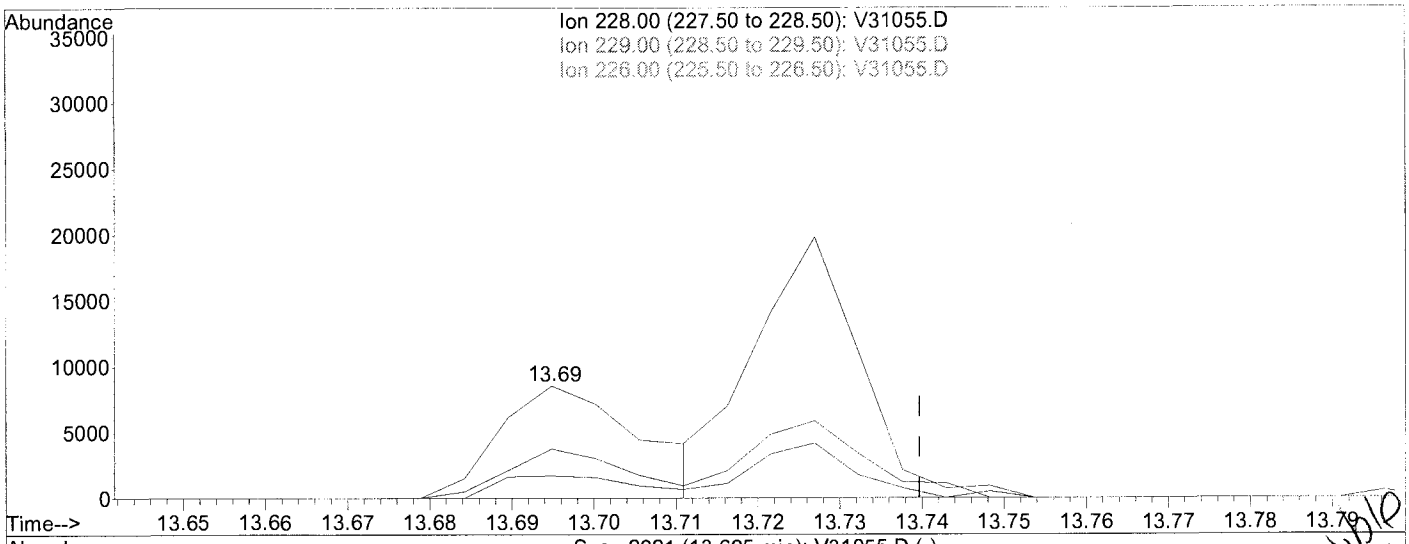
Quantitation Report (Qedit)

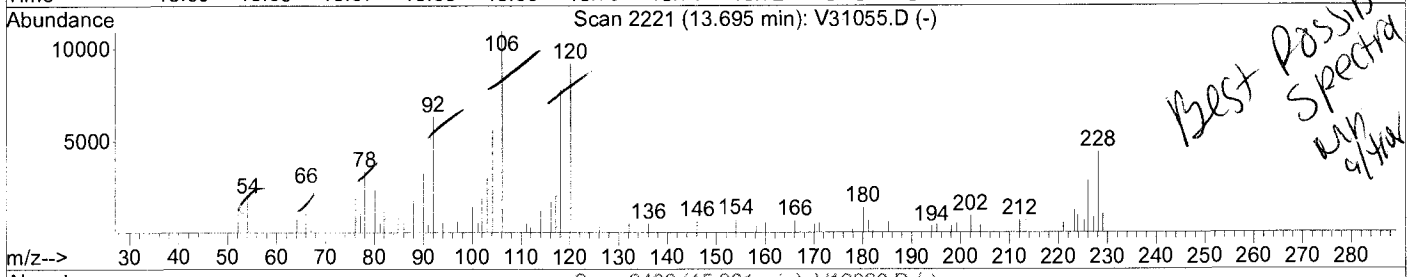
Data File : D:\DATA\090308\V31055.D
Acq On : 3 Sep 2008 20:28
Sample : A8A47504 AS80010961
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:36 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

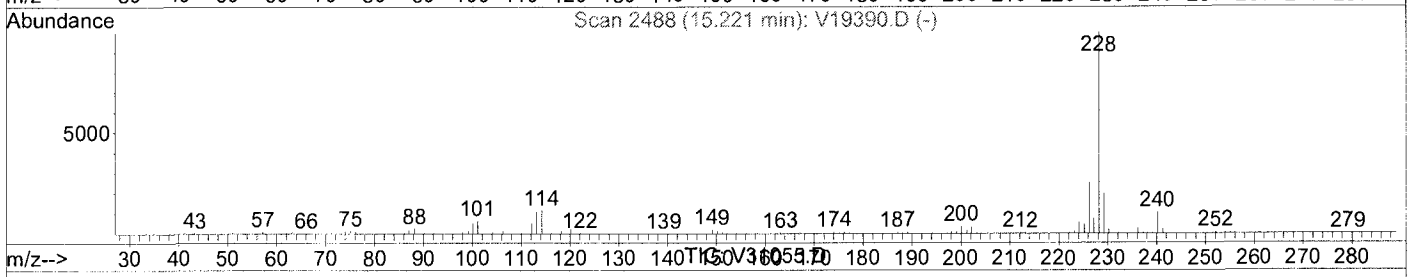
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration





Best Possible Spectra
KM 9/4/08

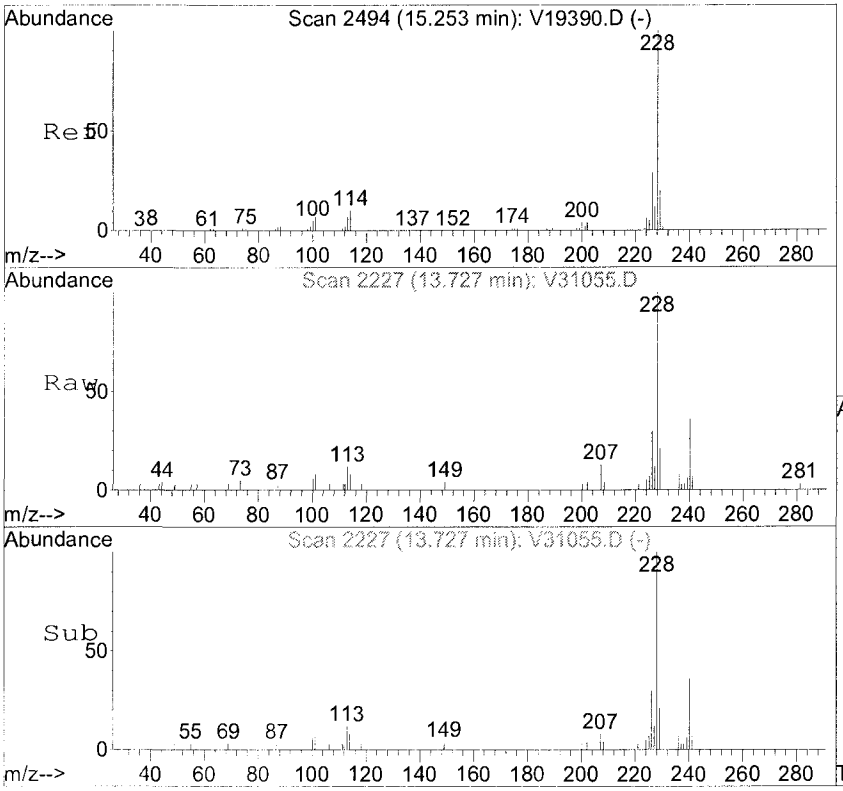


(74) C730 Benzo[a]anthracene (T)

13.69min 0.47ng

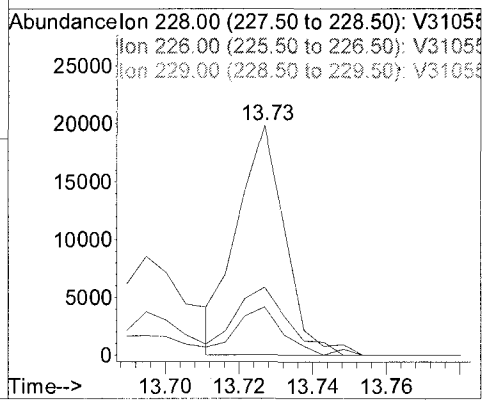
response 10243

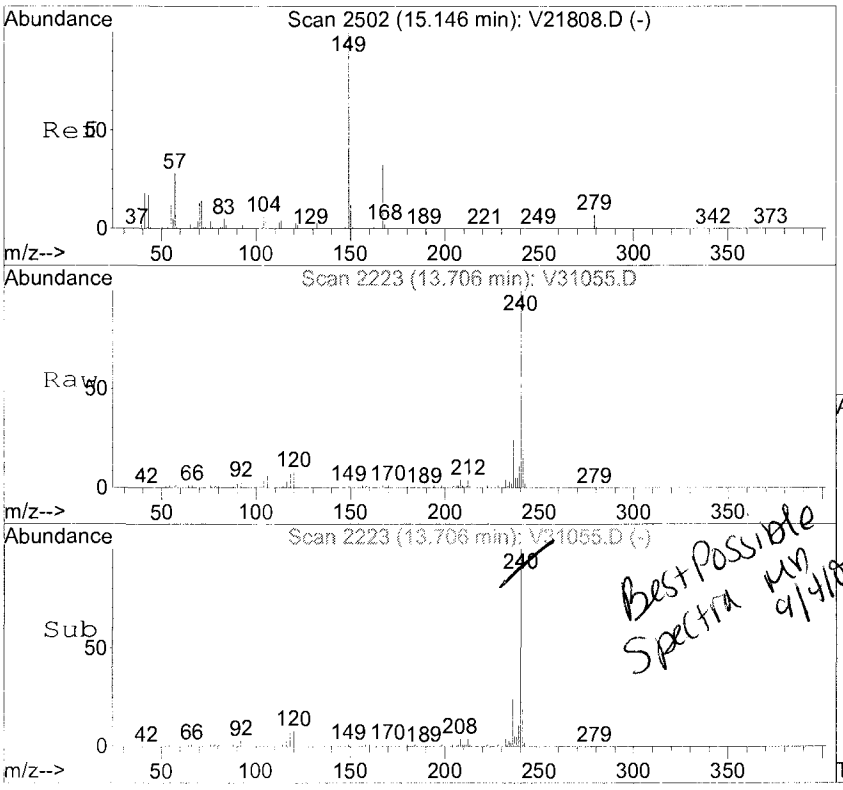
Ion	Exp%	Act%
228.00	100	100
229.00	19.50	20.00
226.00	25.60	43.99
0.00	0.00	0.00



#75
C735 Chrysene
Concen: 0.84 ng
RT: 13.73 min Scan# 2227
Delta R.T. 0.00 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

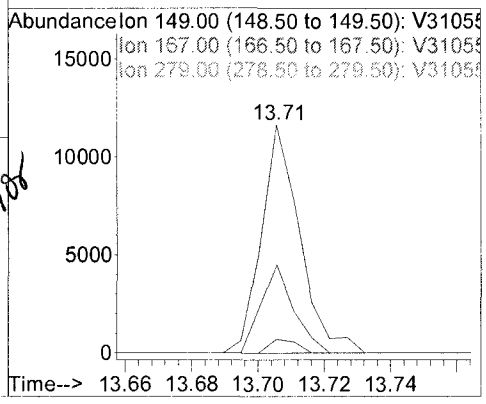
Tgt Ion:228	Resp:	17928	
Ion	Ratio	Lower	Upper
228	100		
226	29.7	7.8	47.8
229	21.1	0.0	39.2

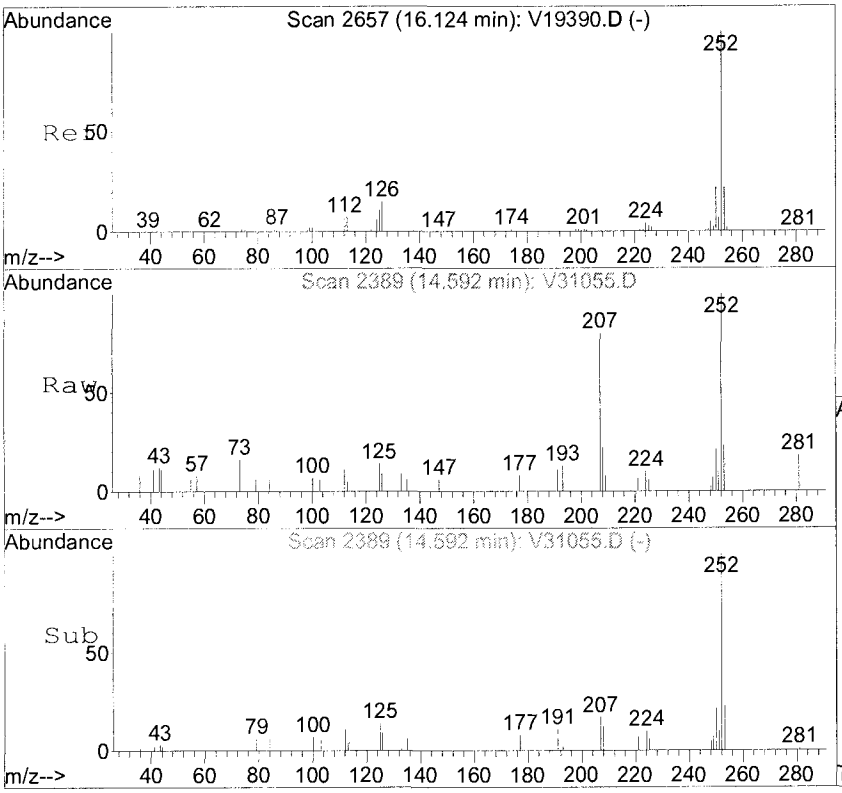




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.67 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:149	Resp:	9338	
Ion	Ratio	Lower	Upper
149	100		
167	38.7	8.3	48.3
279	6.0	0.0	26.1

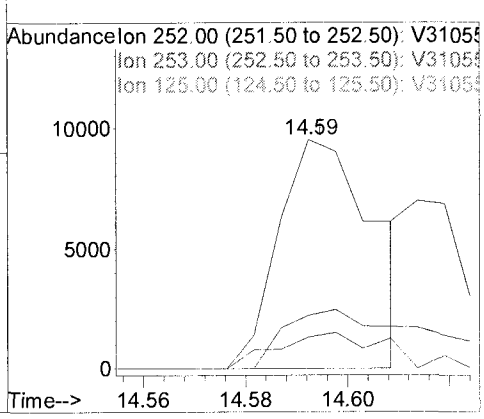


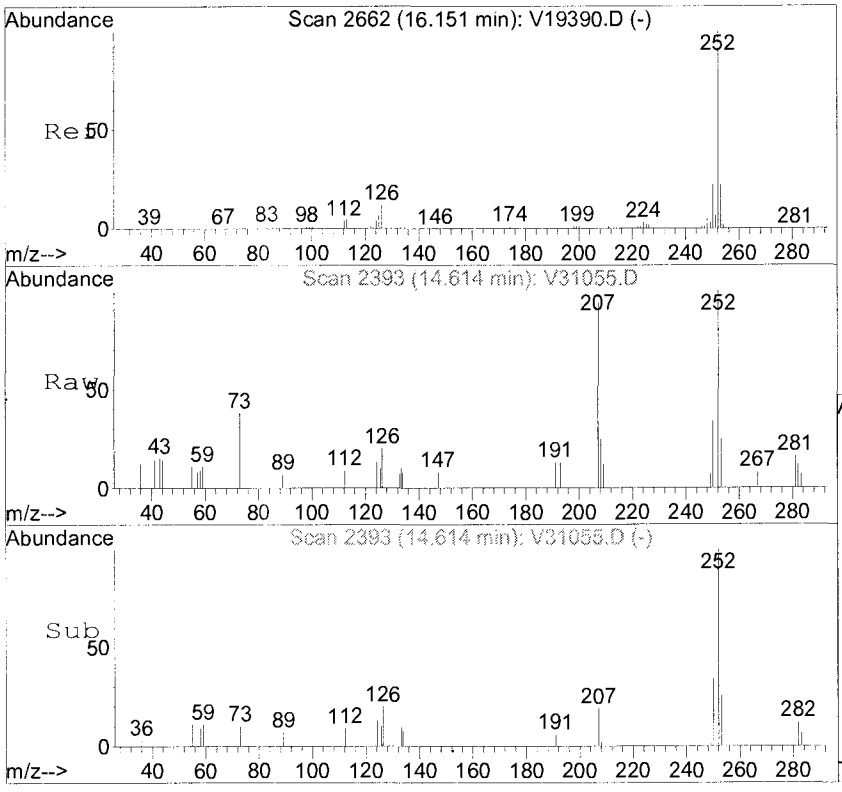


#79
C765 Benzo[b]fluoranthene
Concen: 0.66 ng m
RT: 14.59 min Scan# 2389
Delta R.T. 0.00 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:252 Resp: 12324

Ion	Ratio	Lower	Upper
252	100		
253	23.3	2.3	42.3
125	13.8	0.0	37.9

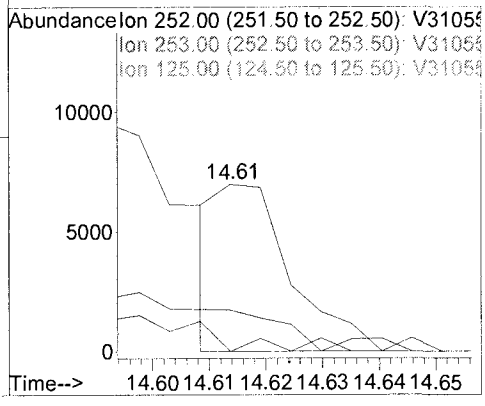


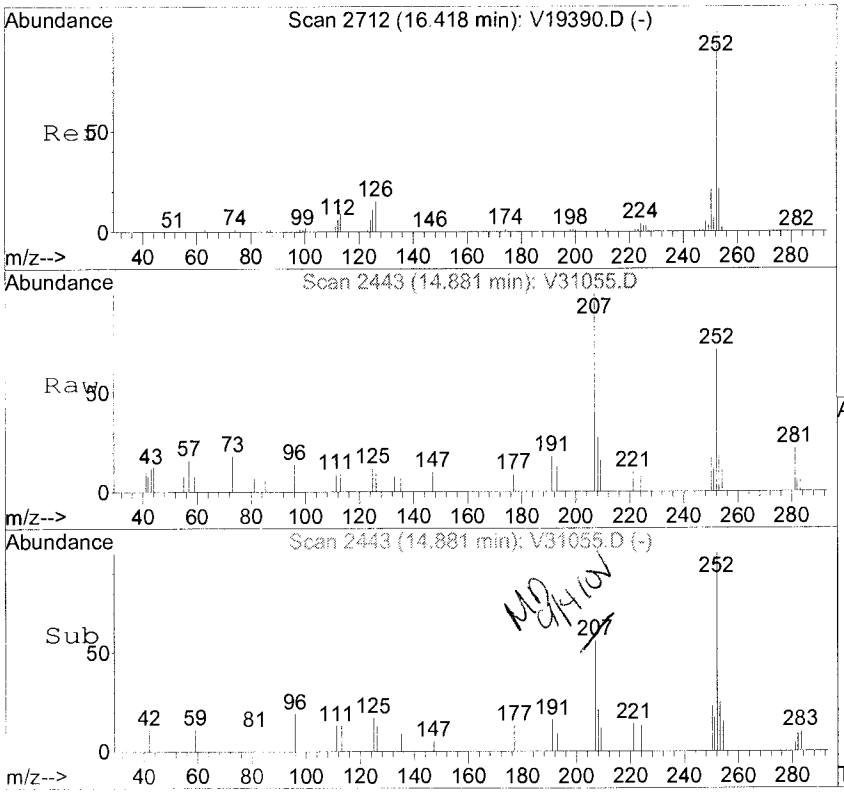


#80
C770 Benzo[k]fluoranthene
Concen: 0.36 ng m
RT: 14.61 min Scan# 2393
Delta R.T. -0.01 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:252 Resp: 6208

Ion	Ratio	Lower	Upper
252	100		
253	24.6	2.6	42.6
125	9.5	0.0	36.2

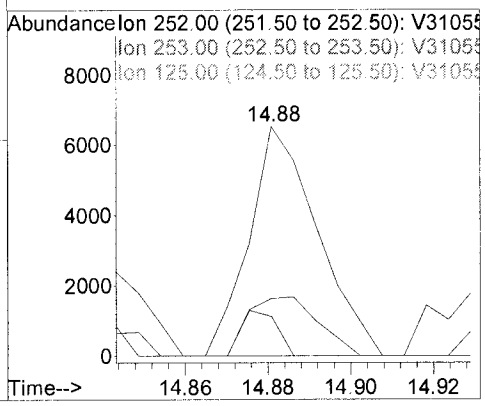


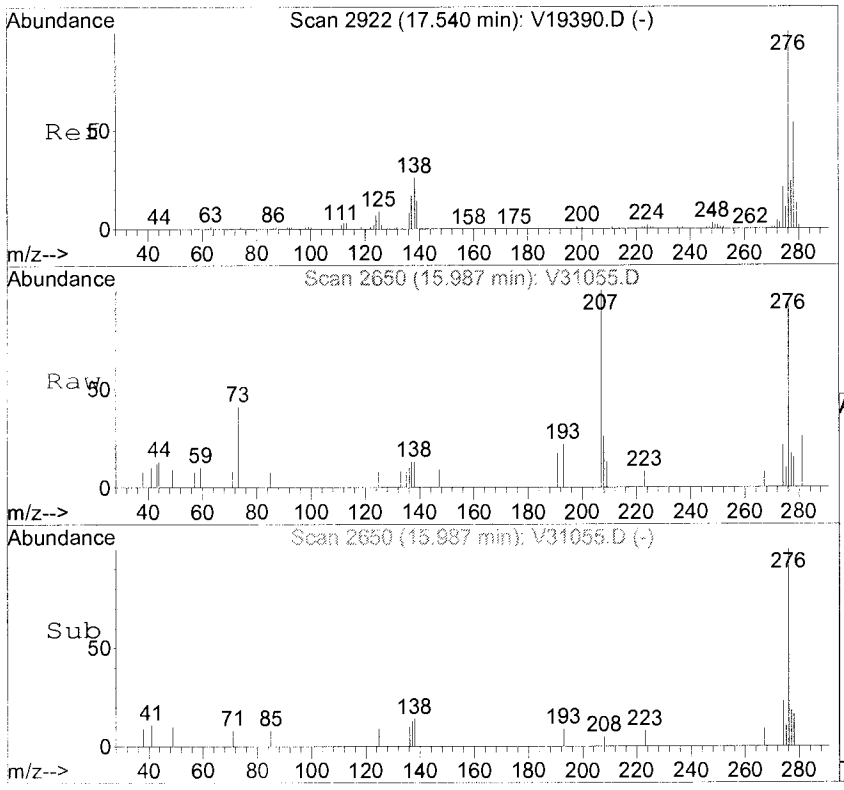


#81
C775 Benzo[a]pyrene
Concen: 0.46 ng
RT: 14.88 min Scan# 2443
Delta R.T. -0.01 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:252 Resp: 7496

Ion	Ratio	Lower	Upper
252	100		
253	25.0	1.0	41.0
125	17.2	0.0	30.8

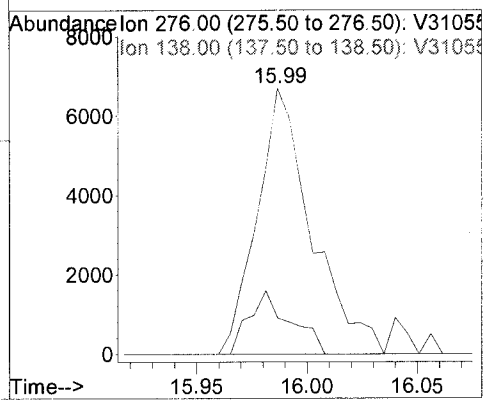


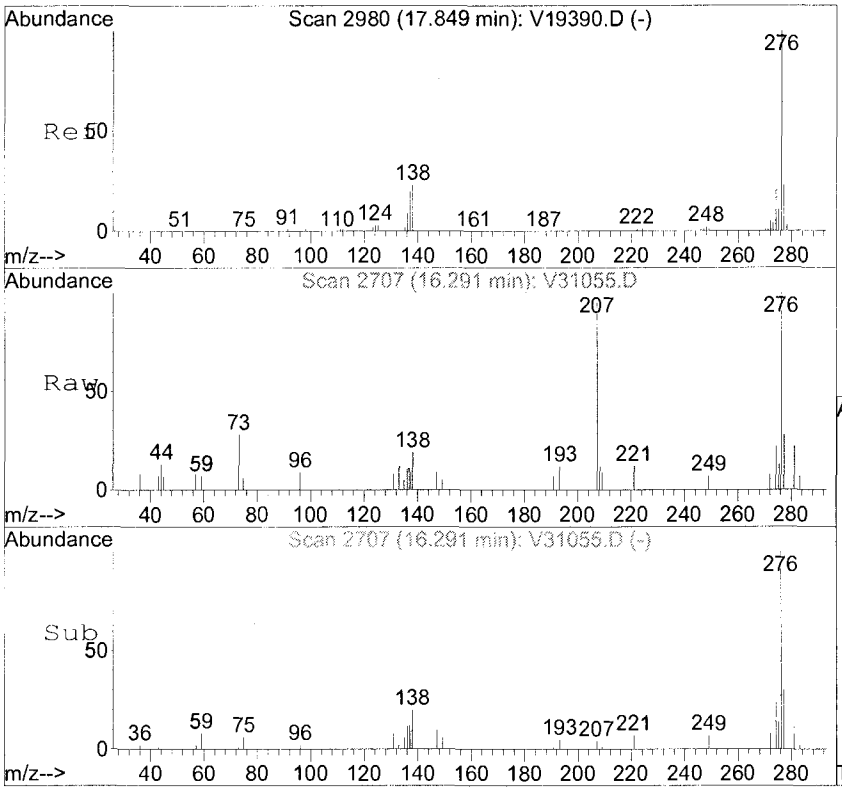


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 0.62 ng
RT: 15.99 min Scan# 2650
Delta R.T. -0.01 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:276 Resp: 11438

Ion	Ratio	Lower	Upper
276	100		
138	13.6	7.1	47.1

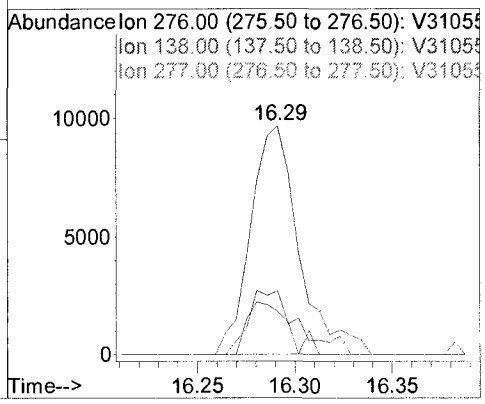


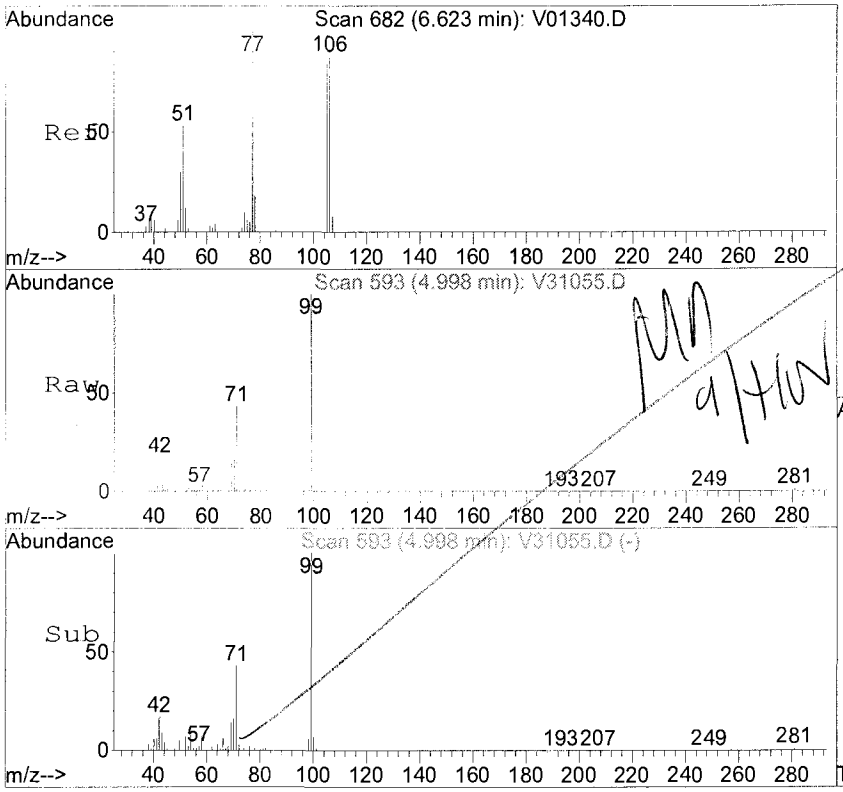


#84
C790 Benzo[g,h,i]perylene
Concen: 1.09 ng
RT: 16.29 min Scan# 2707
Delta R.T. -0.01 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion:276 Resp: 16772

Ion	Ratio	Lower	Upper
276	100		
138	19.0	4.9	44.9
277	27.9	3.1	43.1

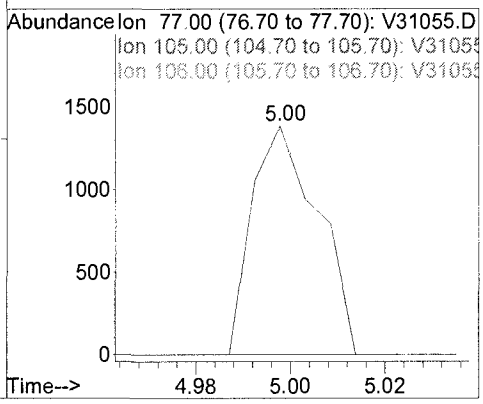




#2
E600 Benzaldehyde
Concen: 0.23 ng
RT: 5.00 min Scan# 593
Delta R.T. 0.13 min
Lab File: V31055.D
Acq: 3 Sep 2008 20:28

Tgt Ion: 77 Resp: 1338

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.1	116.1#
106	0.0	80.2	120.2#



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 30.26 (g/mL) G Lab File ID: V31056.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	23	J
208-96-8	Acenaphthylene	380	U
98-86-2	Acetophenone	380	U
120-12-7	Anthracene	12	J
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
56-55-3	Benzo(a)anthracene	21	J
205-99-2	Benzo(b)fluoranthene	23	J
207-08-9	Benzo(k)fluoranthene	10	J
191-24-2	Benzo(ghi)perylene	15	J
50-32-8	Benzo(a)pyrene	17	J
92-52-4	Biphenyl	380	U
111-91-1	Bis(2-chloroethoxy) methane	380	U
111-44-4	Bis(2-chloroethyl) ether	380	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	380	U
117-81-7	Bis(2-ethylhexyl) phthalate	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
85-68-7	Butyl benzyl phthalate	380	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-58-7	2-Chloronaphthalene	380	U
95-57-8	2-Chlorophenol	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
86-74-8	Carbazole	380	U
218-01-9	Chrysene	47	BJ
53-70-3	Dibenzo(a,h)anthracene	380	U
132-64-9	Dibenzofuran	380	U
84-74-2	Di-n-butyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	380	U
84-66-2	Diethyl phthalate	380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 30.26 (g/mL) G Lab File ID: V31056.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	380	U
131-11-3	Dimethyl phthalate	380	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
117-84-0	Di-n-octyl phthalate	380	U
206-44-0	Fluoranthene	83	J
86-73-7	Fluorene	40	J
118-74-1	Hexachlorobenzene	380	U
87-68-3	Hexachlorobutadiene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
67-72-1	Hexachloroethane	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	13	J
78-59-1	Isophorone	380	U
91-57-6	2-Methylnaphthalene	380	U
95-48-7	2-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
91-20-3	Naphthalene	8	J
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	380	U
88-75-5	2-Nitrophenol	380	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	380	U
621-64-7	N-Nitroso-Di-n-propylamine	380	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	56	J
108-95-2	Phenol	380	U
129-00-0	Pyrene	120	J
95-95-4	2,4,5-Trichlorophenol	380	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47505

Sample wt/vol: 30.26 (g/mL) G Lab File ID: V31056.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	380	U

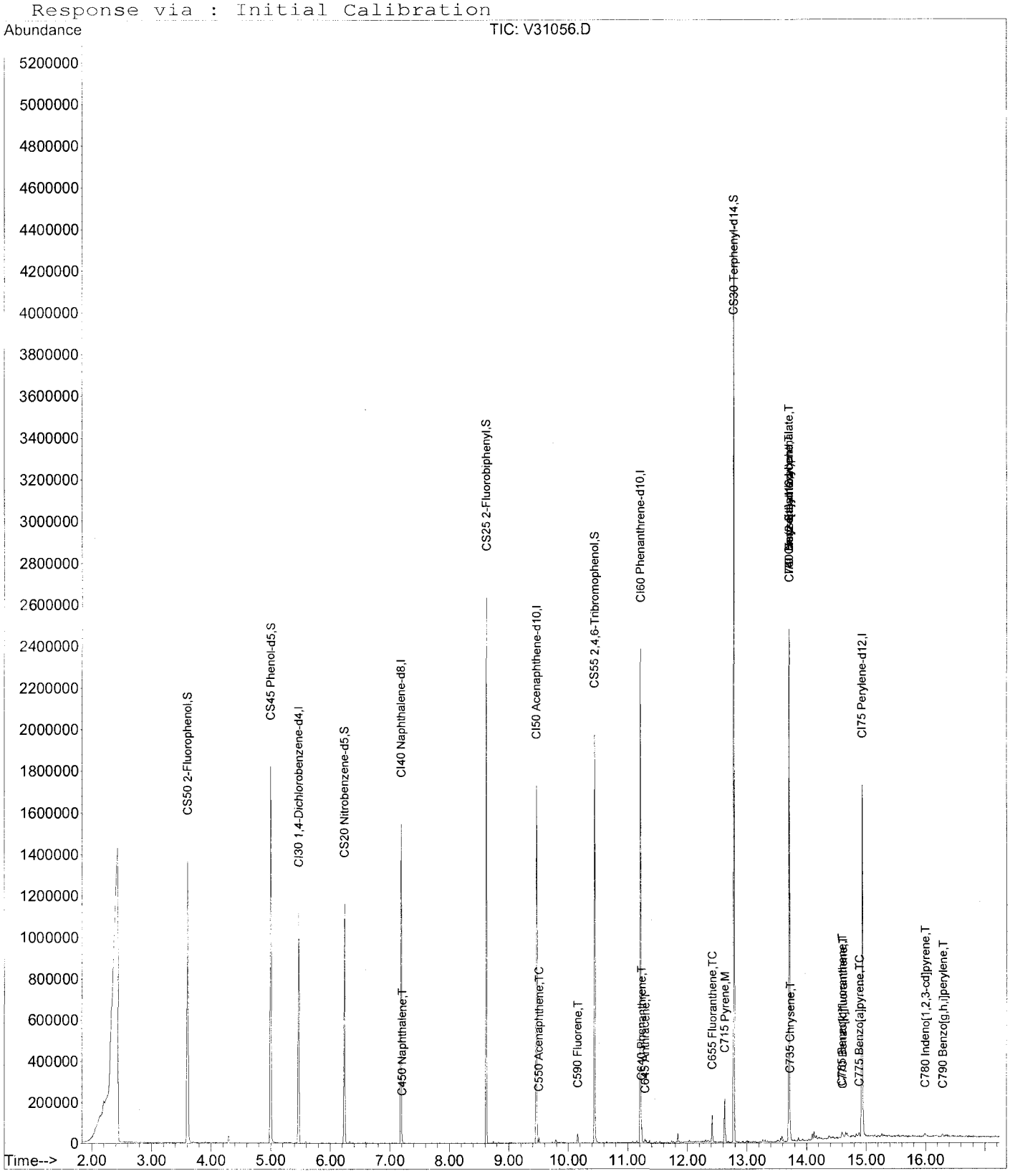
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:37 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:43 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

SMD 9/4/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	181267	40.00	ng	0.00 93.37%
20) CI40 Naphthalene-d8	7.19	136	664743	40.00	ng	0.00 91.49%
35) CI50 Acenaphthene-d10	9.46	164	395757	40.00	ng	0.00 96.20%
56) CI60 Phenanthrene-d10	11.21	188	839230	40.00	ng	0.00 96.18%
68) CI70 Chrysene-dl2	13.71	240	822774	40.00	ng	0.00 100.91%
78) CI75 Perylene-d12	14.93	264	629469	40.00	ng	0.00 101.61%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.60	112	470647	68.89	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 45.93%			
5) CS45 Phenol-d5	5.00	99	705513	80.45	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 53.63%			
6) CS70 2-chlorophenol-d4	5.47	132	162	0.03	ng	0.31
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	404649	47.53	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 47.53%			
39) CS25 2-Fluorobiphenyl	8.62	172	787026	52.98	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 52.98%			
59) CS55 2,4,6-Tribromophenol	10.45	330	182790	105.09	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 70.06%			
71) CS30 Terphenyl-d14	12.78	244	1210468	64.96	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 64.96%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	2.19	74	163	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	5.01	94	570	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.
16) C355 2-Methylphenol	5.47	108	380	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.24	77	1181	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.

mm 9/4/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:43 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.			
27)	C435 bis(2-Chloroethoxy)me	7.18	93	230	N.D.			
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.			
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.			
30)	C450 Naphthalene	7.21	128	3994	0.22	ng		88
31)	C455 4-Chloroaniline	7.22	127	457	N.D.			
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.			
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	9.01	162	1667	N.D.			
41)	C530 2-Nitroaniline	0.00	65	0	N.D.			
42)	C540 Acenaphthylene	9.28	152	1058	N.D.			
43)	C535 Dimethylphthalate	0.00	163	0	N.D.			
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45)	C550 Acenaphthene	9.51	153	7372	0.59	ng	#	86
46)	C545 3-Nitroaniline	8.62	138	235	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	9.73	168	1944	N.D.			
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50)	C560 4-Nitrophenol	0.00	109	0	N.D.			
51)	C590 Fluorene	10.16	166	15449	1.04	ng	#	77
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.			
53)	C580 Diethylphthalate	0.00	149	0	N.D.			
54)	C620 1,2 diphenylhydrazine	10.44	77	1446	N.D.			
55)	C595 4-Nitroaniline	0.00	138	0	N.D.			
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.			
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	0.00	266	0	N.D.			
63)	C640 Phenanthrene	11.24	178	29960	1.45	ng		99
64)	C645 Anthracene	11.29	178	6543	0.31	ng		97
65)	C647 carbazole	11.48	167	3778	N.D.			
66)	C650 Di-n-butylphthalate	11.84	149	1272	N.D.			
67)	C655 Fluoranthene	12.42	202	56445	2.14	ng		95
69)	C715 Pyrene	12.63	202	83466	3.04	ng		92
70)	C710 benzidine	0.00	184	0	N.D.			
72)	C720 Butylbenzylphthalate	13.21	149	1275	N.D.			
73)	C725 3,3'-Dichlorobenzidin	14.12	252	197	N.D.			
74)	C730 Benzo[a]anthracene	13.69	228	13839	0.54	ng		85
75)	C735 Chrysene	13.73	228	30437	1.21	ng		94
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	8729	0.54	ng		90
77)	C760 Di-n-octylphthalate	14.23	149	2119	N.D.			
79)	C765 Benzo[b]fluoranthene	14.59	252	13693m	0.59	ng		94
80)	C770 Benzo[k]fluoranthene	14.61	252	5319m	0.25	ng		95
81)	C775 Benzo[a]pyrene	14.88	252	8911	0.44	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	15.99	276	7773	0.34	ng		88
83)	C785 Dibenz[a,h]anthracene	16.00	278	2065	N.D.			
84)	C790 Benzo[g,h,i]perylene	16.29	276	7524	0.39	ng		85

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:36 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	181267	40.00	ng	0.00 114.56%
4) CI40 Naphthalene-d8	7.19	136	664743	40.00	ng	0.00 118.96%
7) CI50 Acenaphthene-d10	9.46	164	395757	40.00	ng	0.00 122.73%
10) CI60 Phenanthrene-dl0	11.21	188	839230	40.00	ng	0.00 132.36%
12) CI70 Chrysene-dl2	13.71	240	822774	40.00	ng	0.00 121.24%
13) CI75 Perylene-d12	14.93	264	629469	40.00	ng	0.00 115.90%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.00	77	972	N.D.		
3) E145 Acetophenone	5.92	105	181	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.74	154	3680	0.23	ng	85
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

9/23/08

(#) = qualifier out of range (m) = manual integration

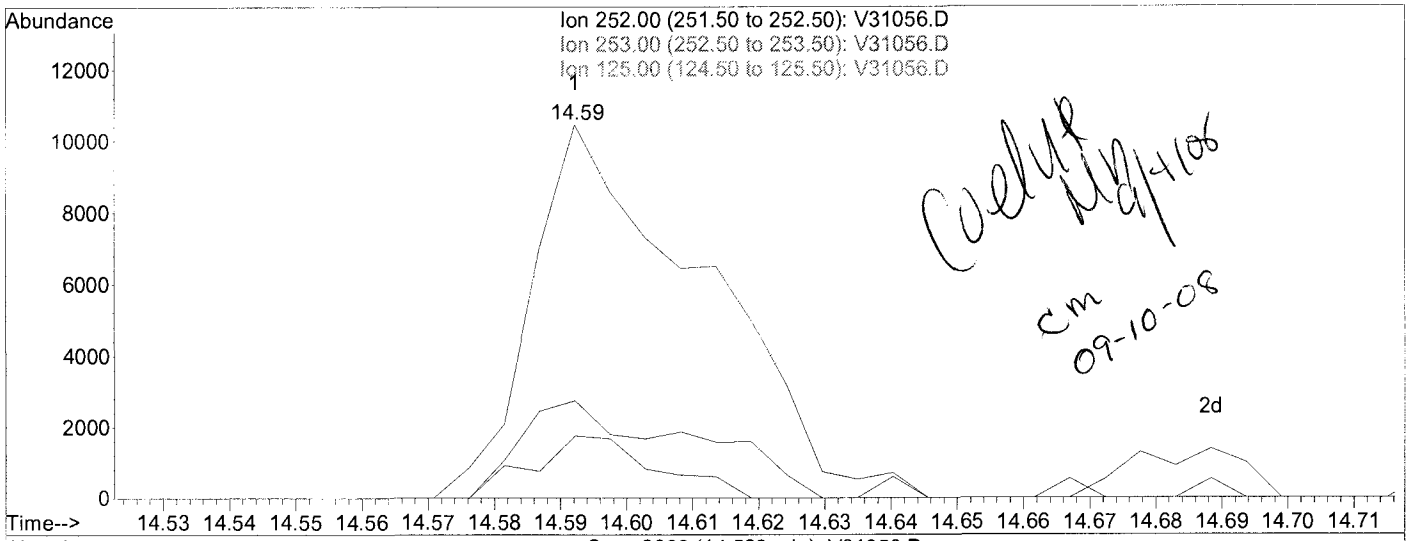
Quantitation Report (Qedit)

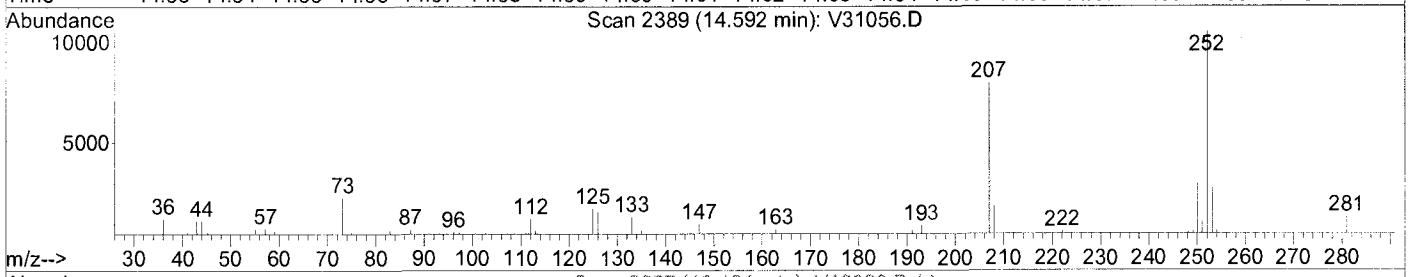
Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 7:32 2008

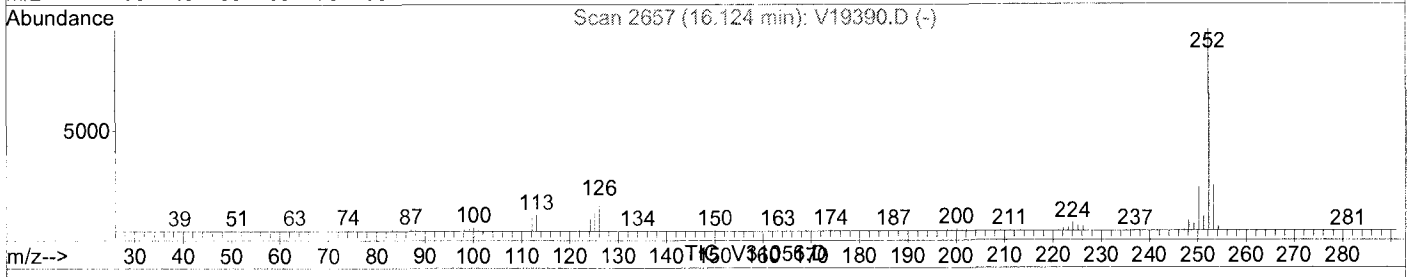
Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.59min 0.82ng

response 19017

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	26.22
125.00	17.90	16.69
0.00	0.00	0.00

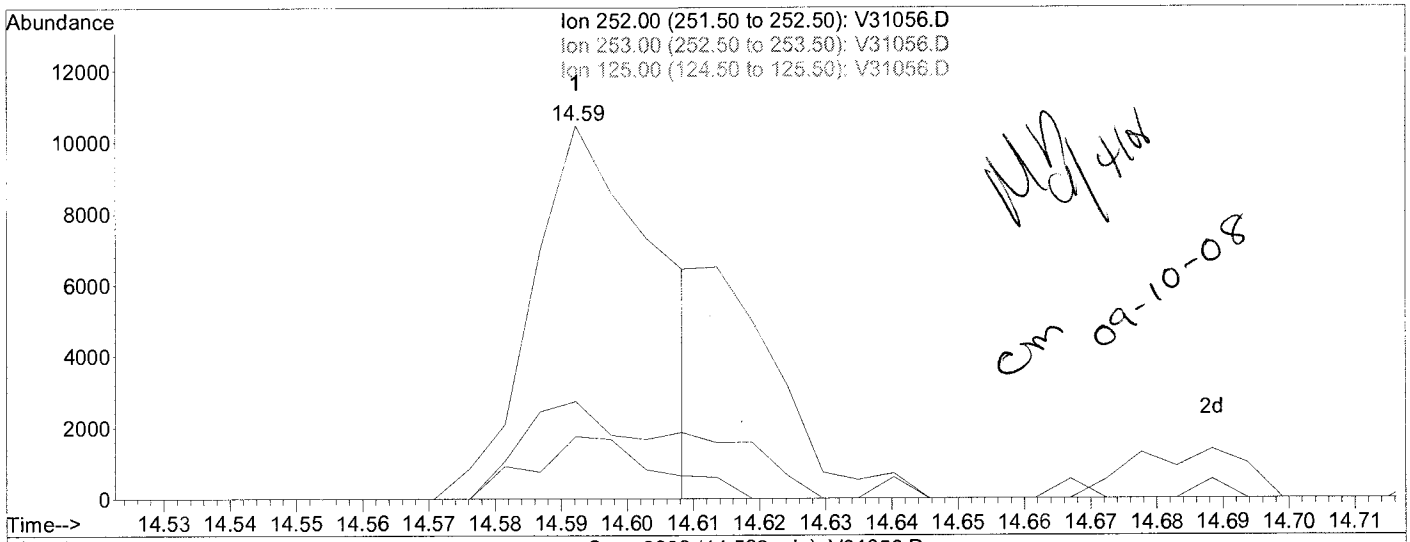
Quantitation Report (Qedit)

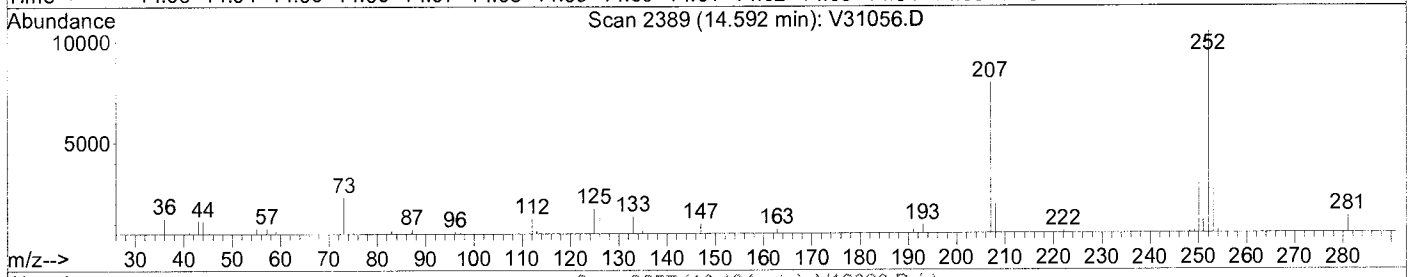
Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:37 2008

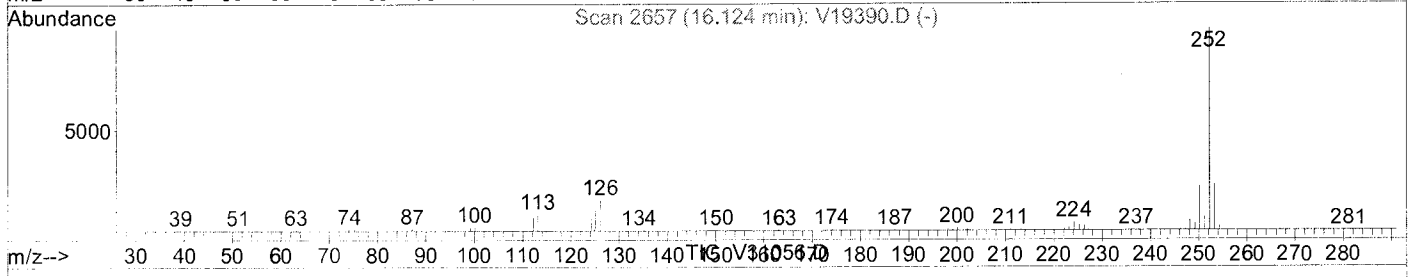
Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration







(79) C765 Benzo[b]fluoranthene (T)

14.59min 0.59ng m

response 13693

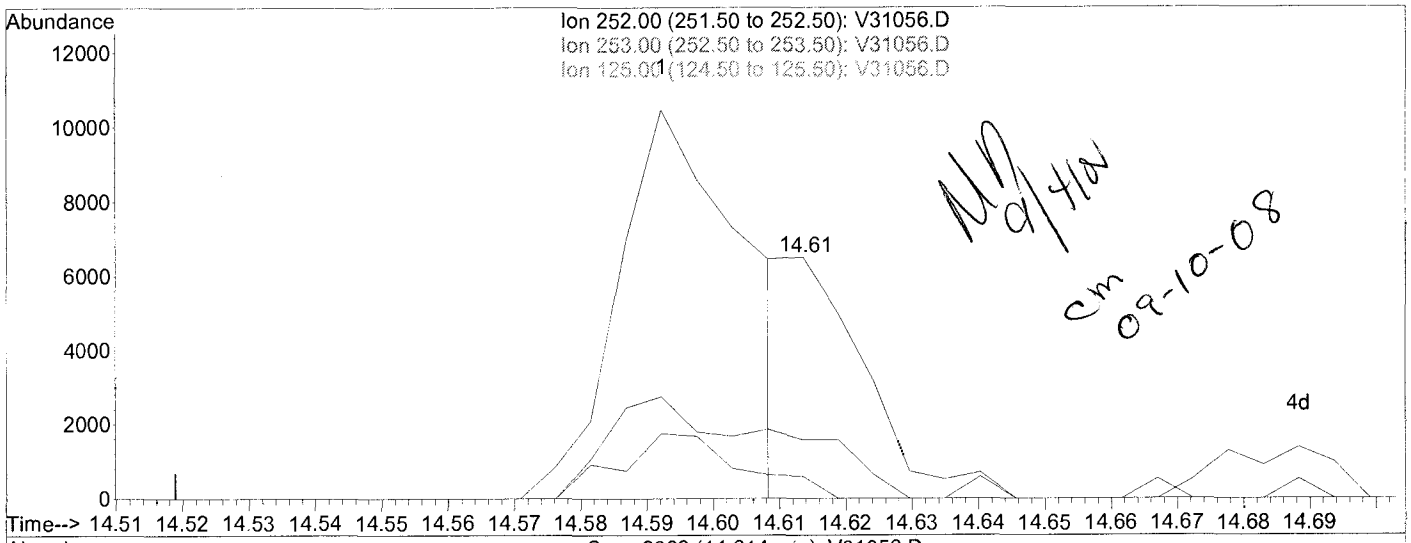
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	26.22
125.00	17.90	16.69
0.00	0.00	0.00

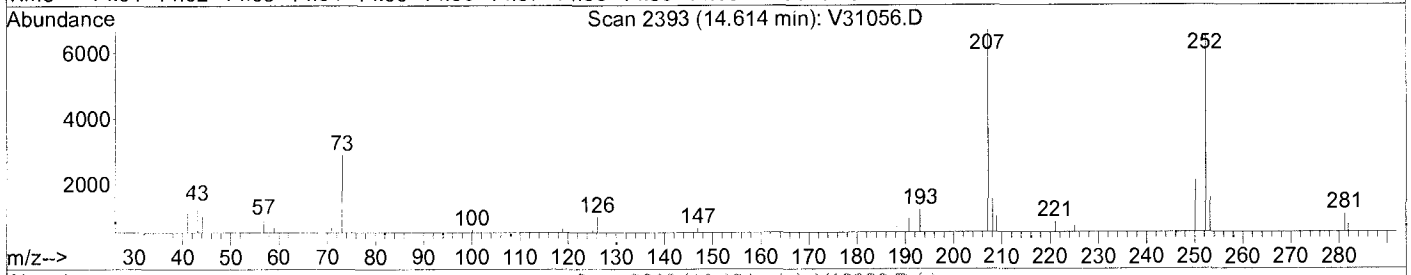
Quantitation Report (Qedit)

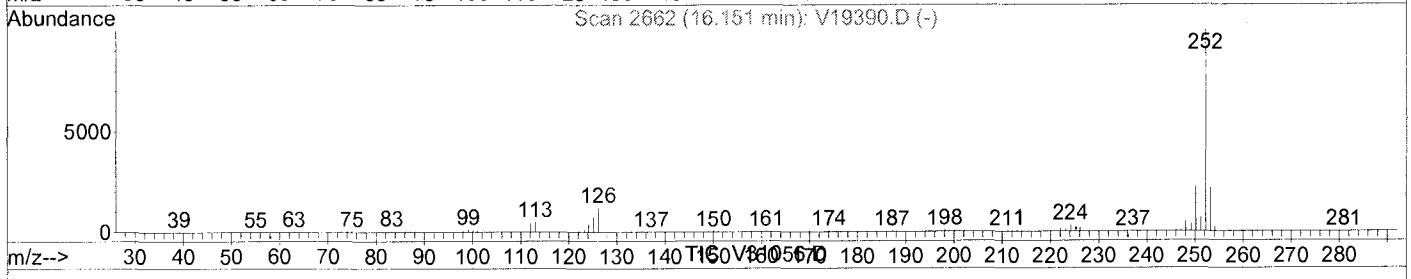
Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:37 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration





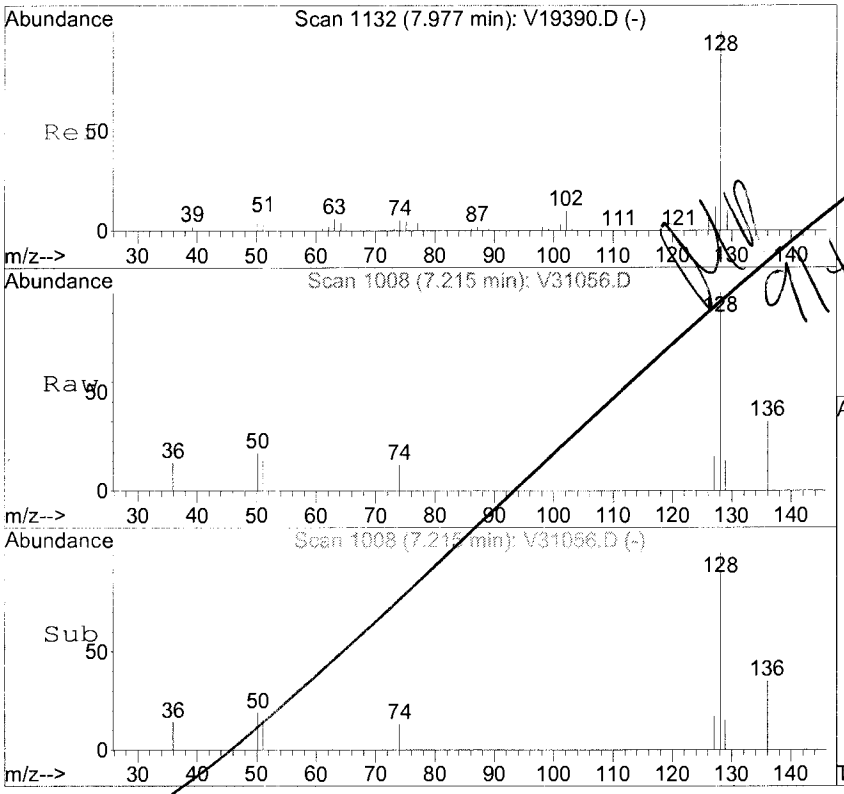


(80) C770 Benzo[k]fluoranthene (T)

14.61min 0.25ng m

response 5319

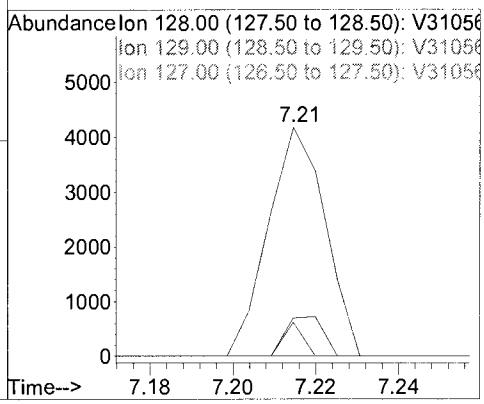
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	24.14
125.00	16.20	9.22
0.00	0.00	0.00

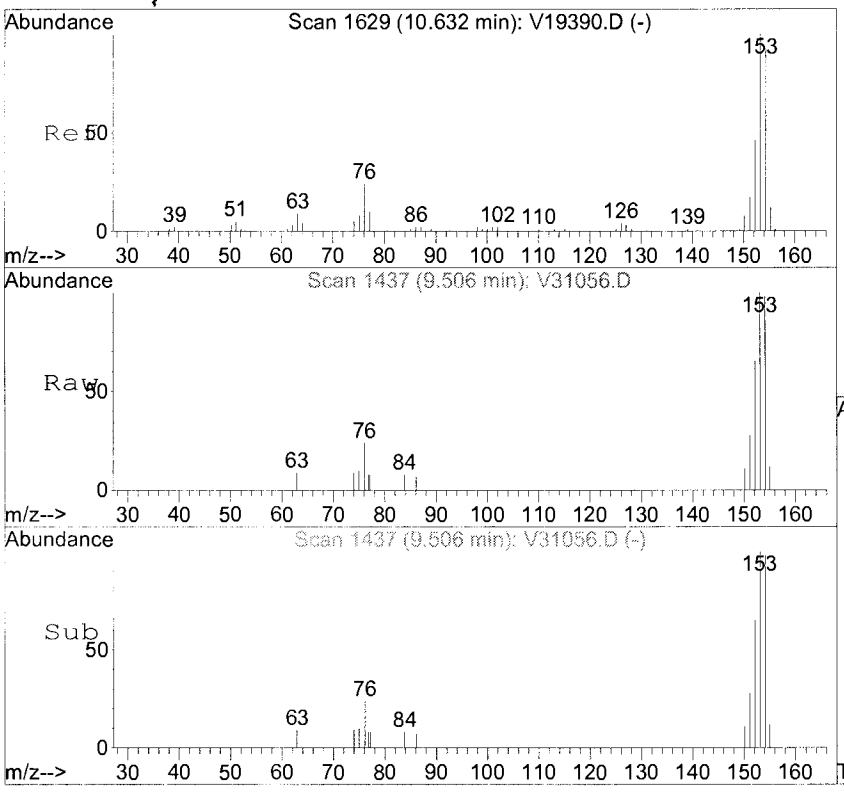


#30
C450 Naphthalene
Concen: 0.22 ng
RT: 7.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:128 Resp: 3994

Ion	Ratio	Lower	Upper
128	100		
129	15.0	0.0	30.6
127	16.8	0.0	32.0

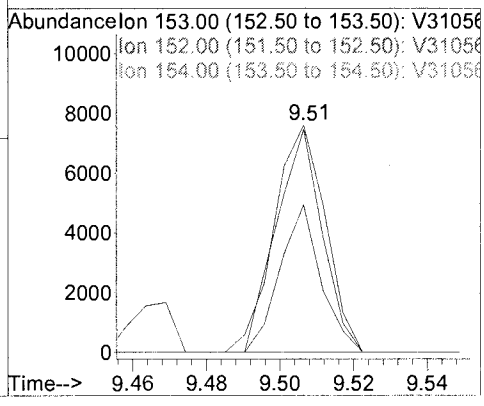




#45
C550 Acenaphthene
Concen: 0.59 ng
RT: 9.51 min Scan# 1437
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:153 Resp: 7372

Ion	Ratio	Lower	Upper
153	100		
152	64.8	24.7	64.7#
154	98.2	72.6	112.6



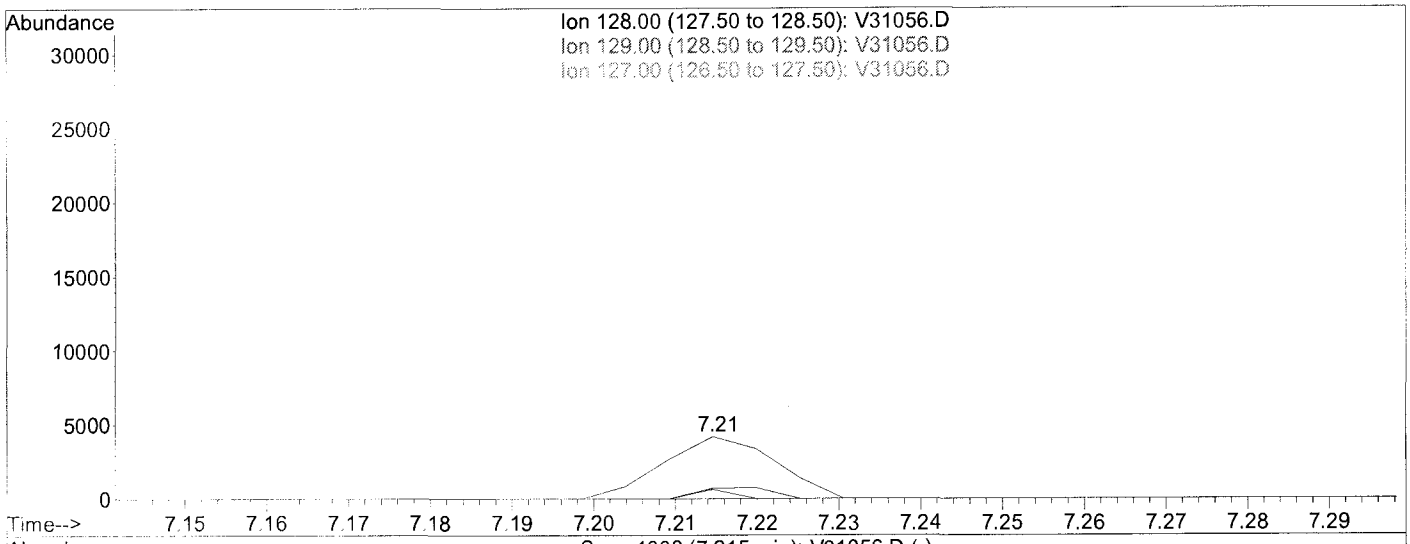
Quantitation Report (Qedit)

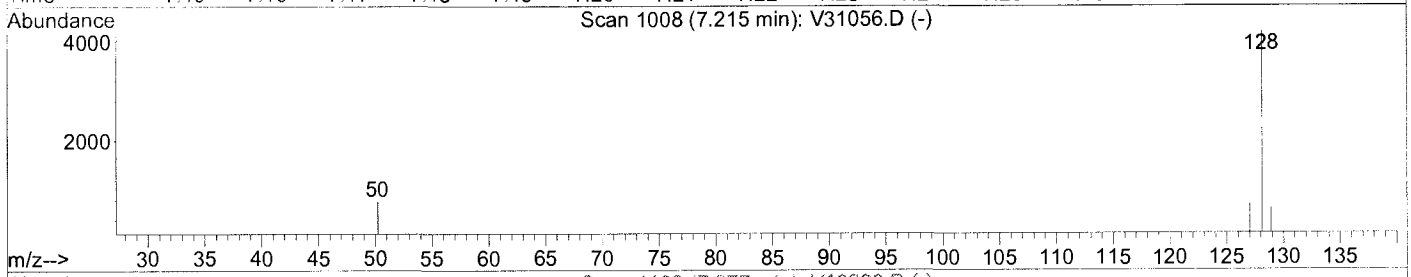
Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:37 2008

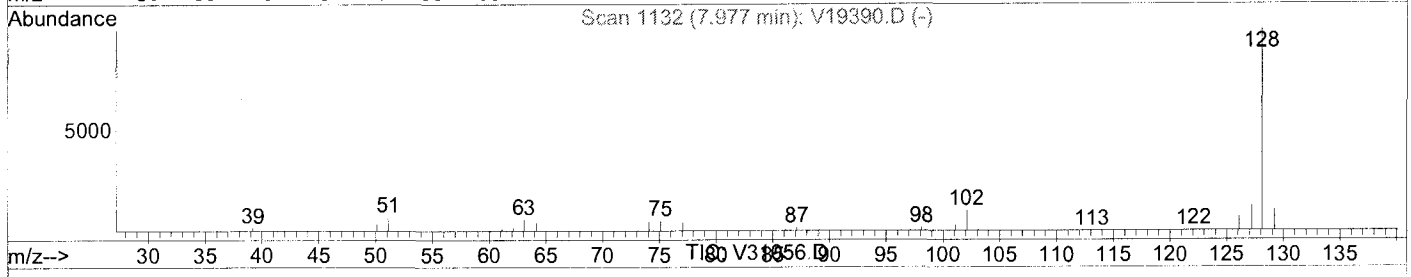
Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration





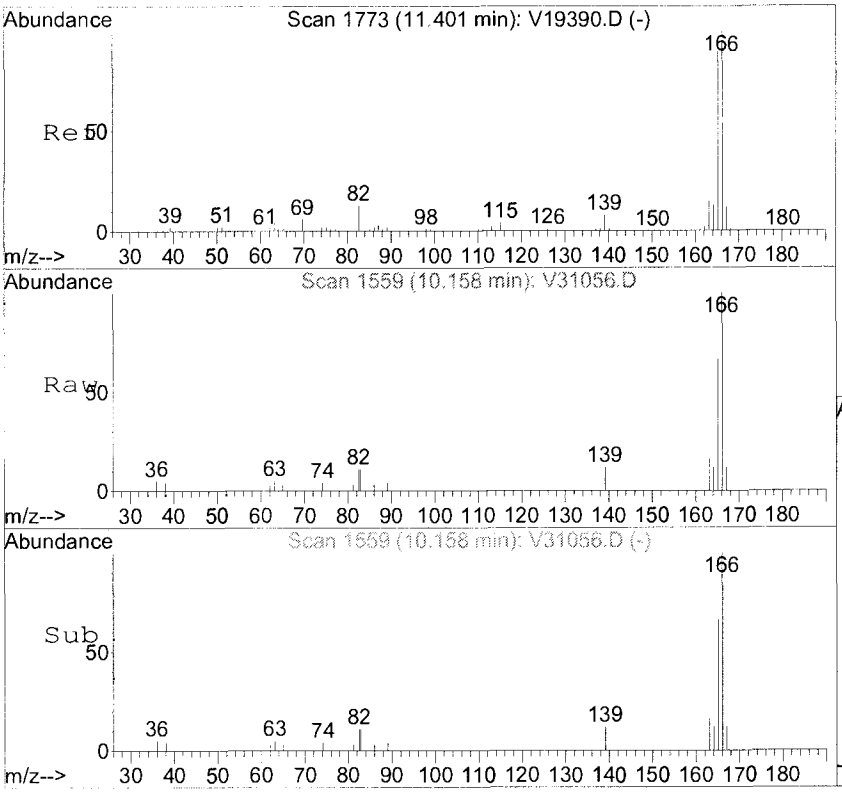


(30) C450 Naphthalene (T)

7.21min 0.22ng

response 3994

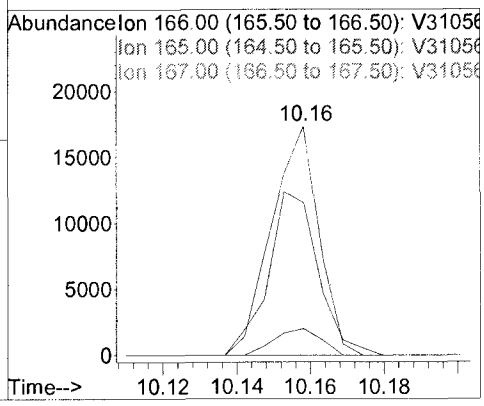
Ion	Exp%	Act%
128.00	100	100
129.00	10.60	14.95
127.00	12.00	16.82
0.00	0.00	0.00

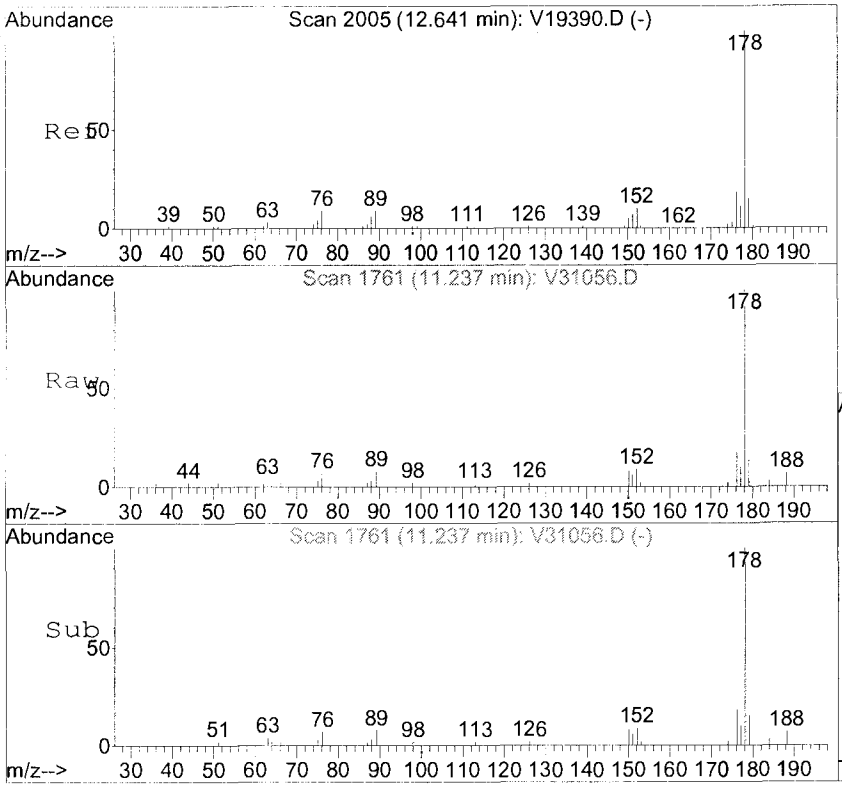


#51
C590 Fluorene
Concen: 1.04 ng
RT: 10.16 min Scan# 1559
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:166 Resp: 15449

Ion	Ratio	Lower	Upper
166	100		
165	66.5	71.4	111.4#
167	11.6	0.0	33.1

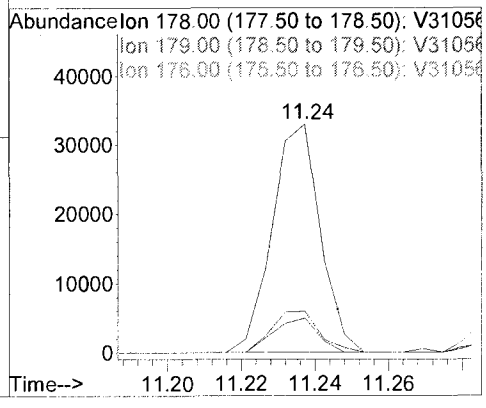


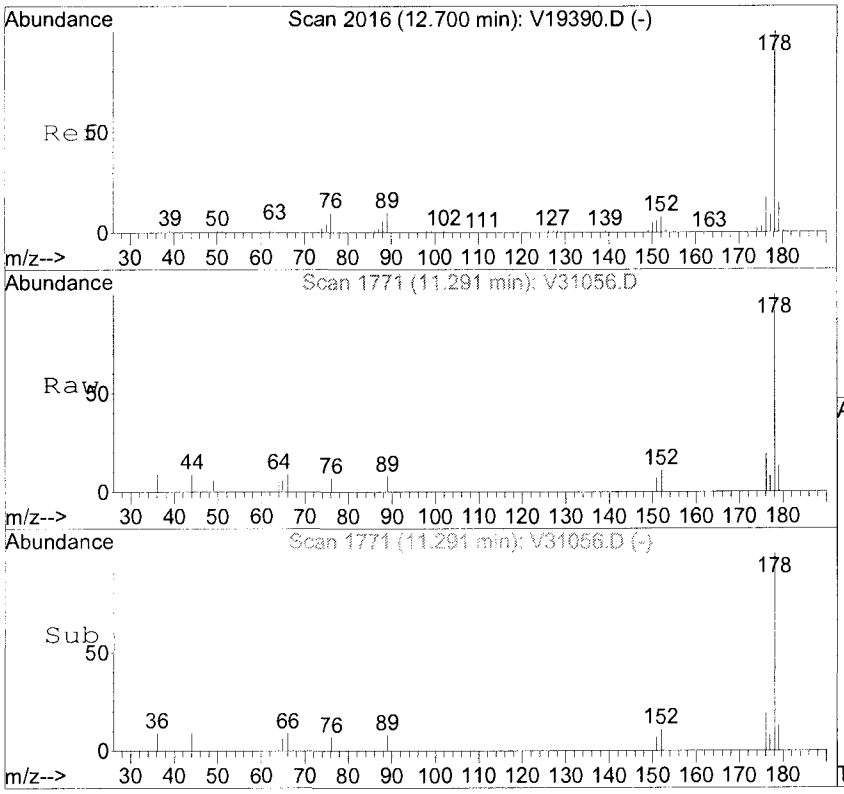


#63
C640 Phenanthrene
Concen: 1.45 ng
RT: 11.24 min Scan# 1761
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:178 Resp: 29960

Ion	Ratio	Lower	Upper
178	100		
179	15.0	0.0	34.2
176	18.0	0.0	38.0

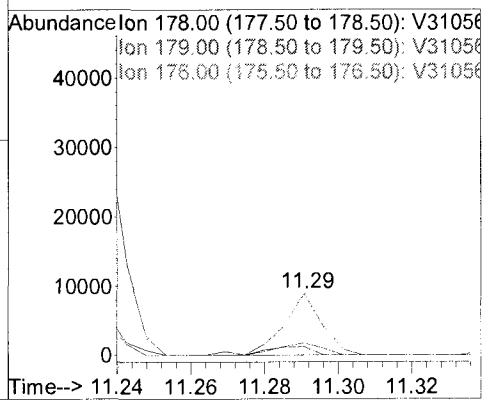


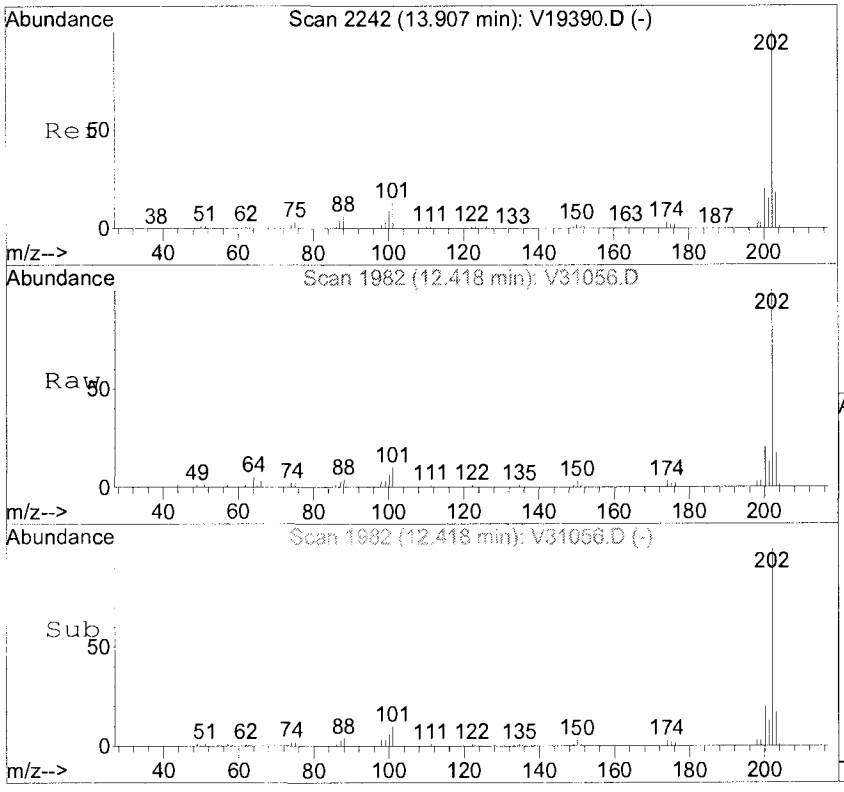


#64
C645 Anthracene
Concen: 0.31 ng
RT: 11.29 min Scan# 1771
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:178 Resp: 6543

Ion	Ratio	Lower	Upper
178	100		
179	13.5	0.0	33.6
176	19.4	0.0	37.1

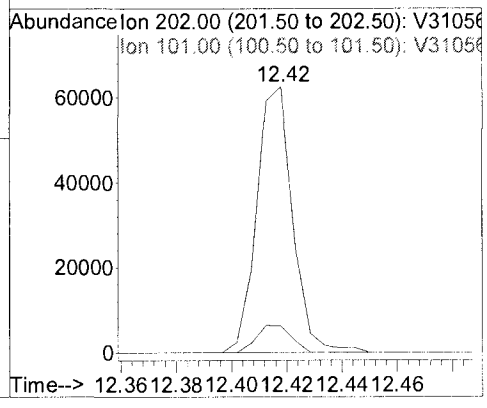


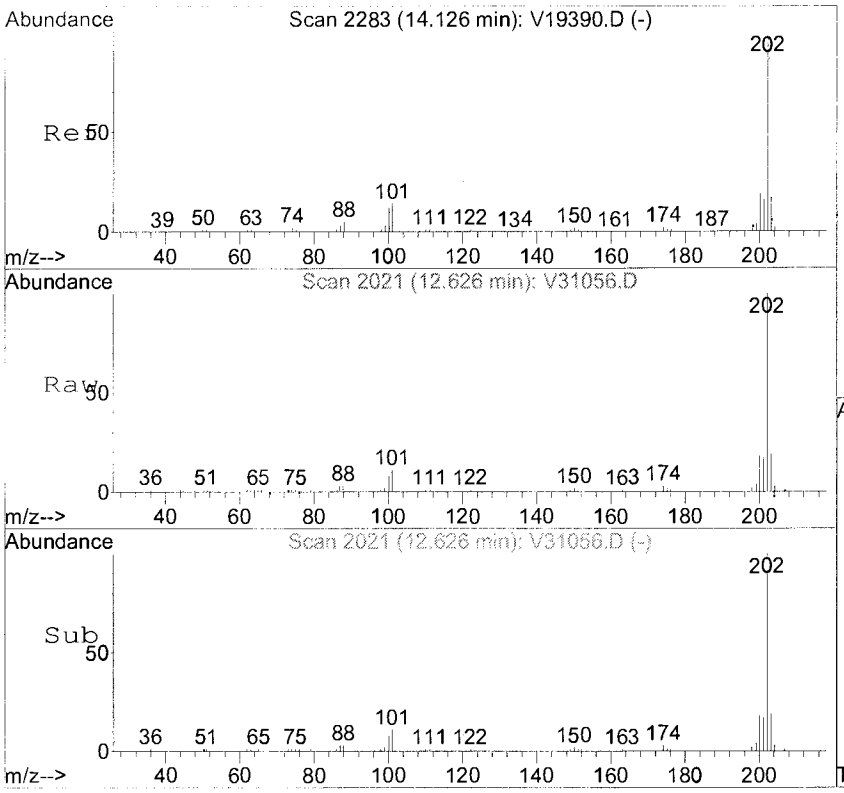


#67
C655 Fluoranthene
Concen: 2.14 ng
RT: 12.42 min Scan# 1982
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:202 Resp: 56445

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.9

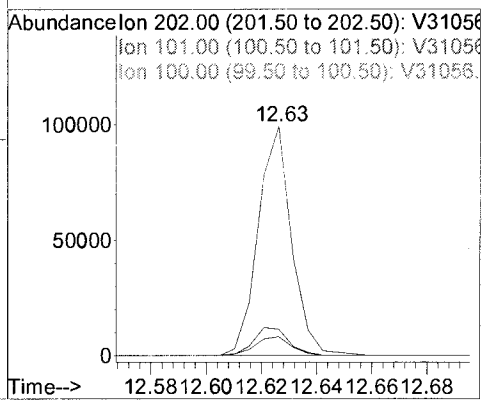


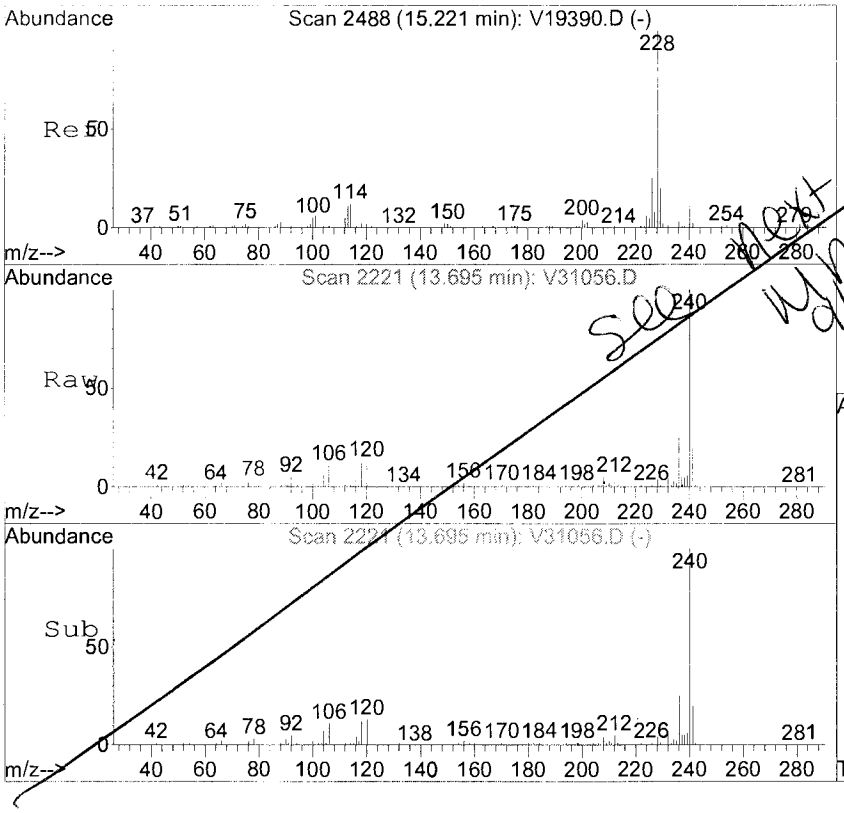


#69
C715 Pyrene
Concen: 3.04 ng
RT: 12.63 min Scan# 2021
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:202 Resp: 83466

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.7
100	8.2	0.0	31.3

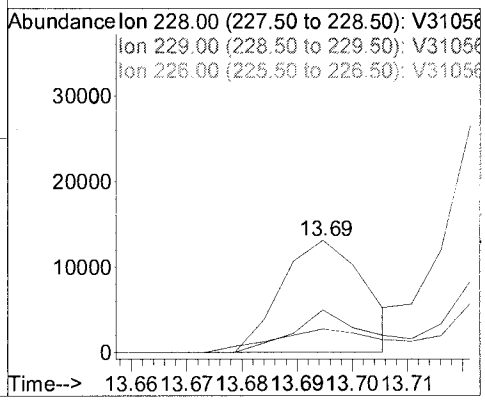




#74
C730 Benzo[a]anthracene
Concen: 0.54 ng
RT: 13.69 min Scan# 2221
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:228 Resp: 13839

Ion	Ratio	Lower	Upper
228	100		
229	20.8	0.0	39.5
226	37.9	5.6	45.6



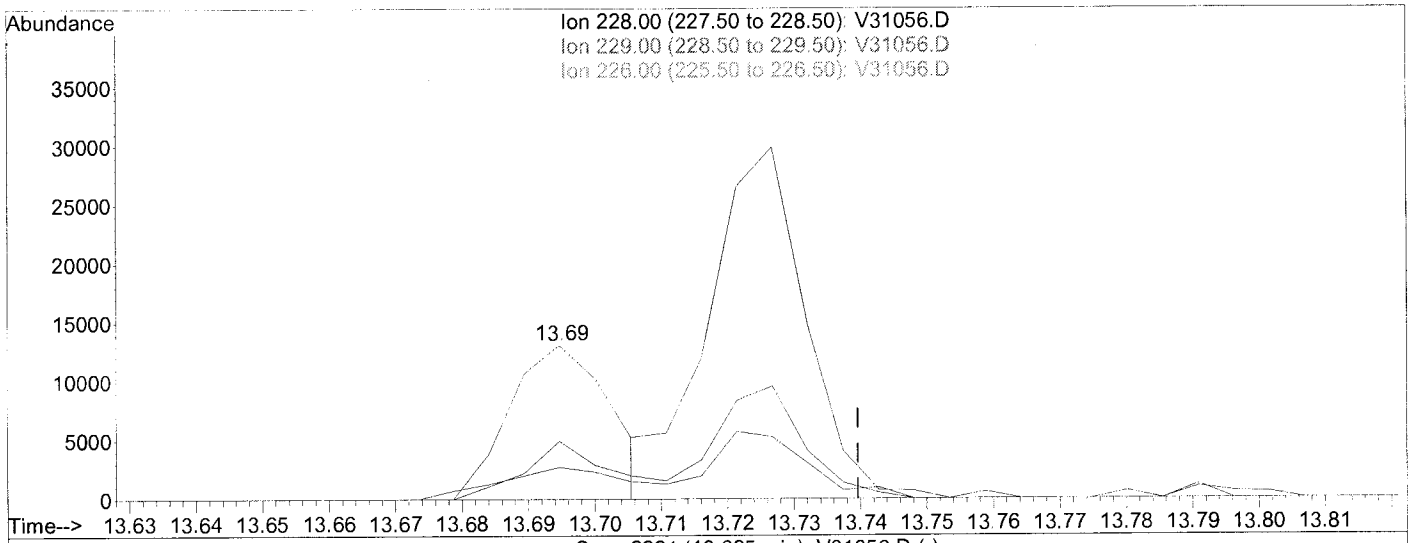
Quantitation Report (Qedit)

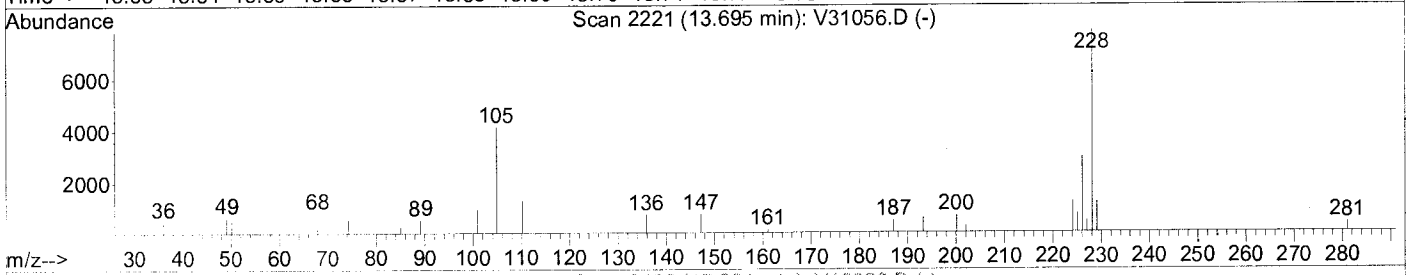
Data File : D:\DATA\090308\V31056.D
Acq On : 3 Sep 2008 20:51
Sample : A8A47505 AS80010962
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:37 2008

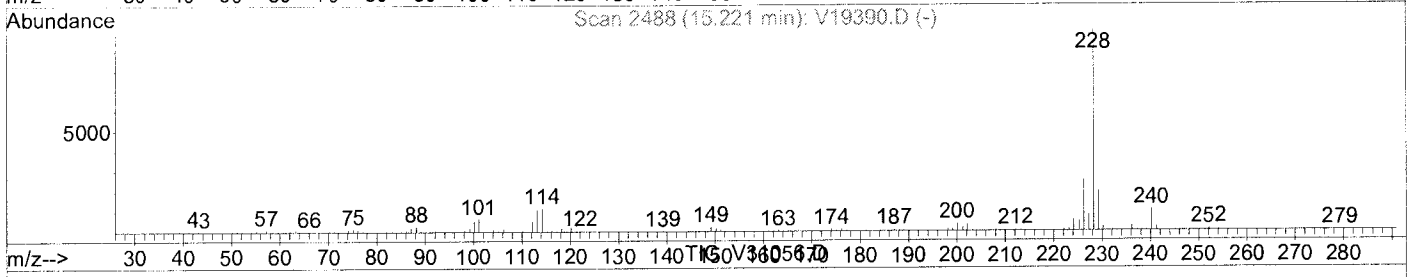
Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration





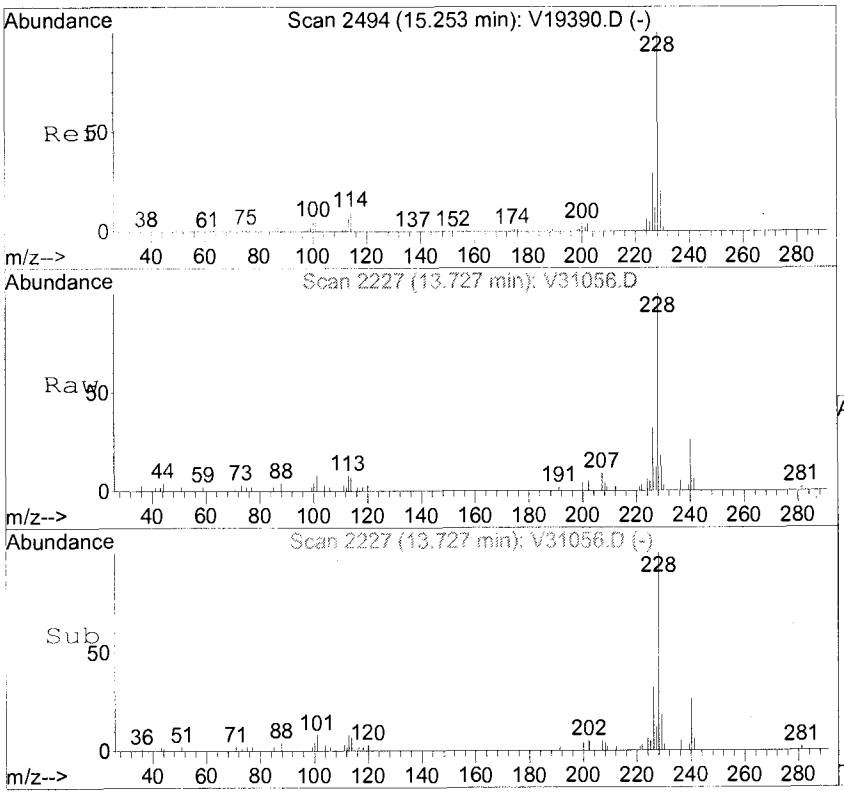


(74) C730 Benzo[a]anthracene (T)

13.69min 0.54ng

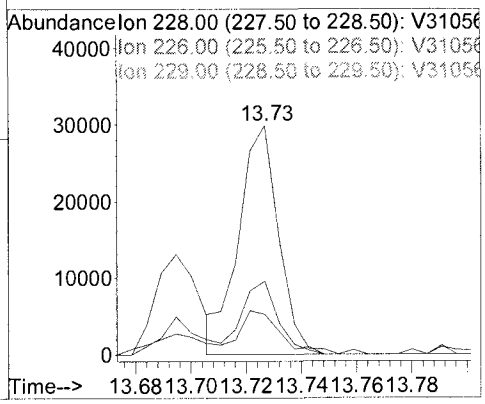
response 13839

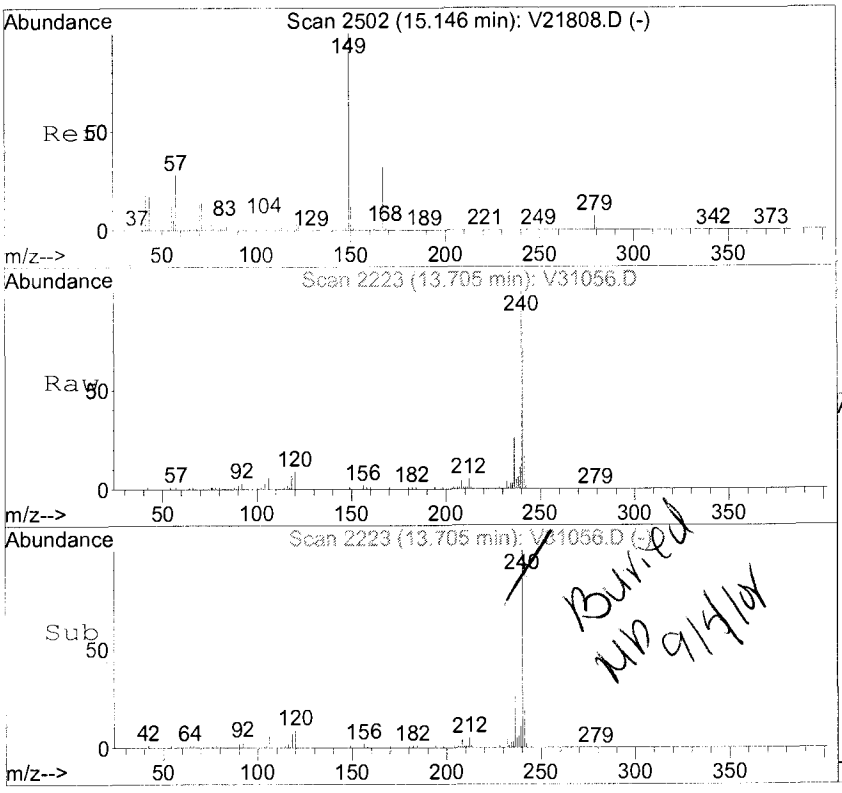
Ion	Exp%	Act%
228.00	100	100
229.00	19.50	20.78
226.00	25.60	37.90
0.00	0.00	0.00



#75
C735 Chrysene
Concen: 1.21 ng
RT: 13.73 min Scan# 2227
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:228	Resp:	30437	
Ion	Ratio	Lower	Upper
228	100		
226	32.1	7.8	47.8
229	17.7	0.0	39.2

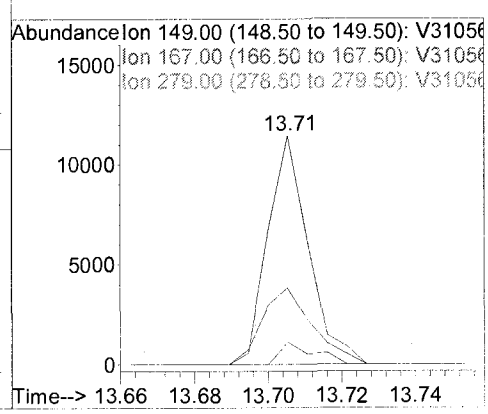


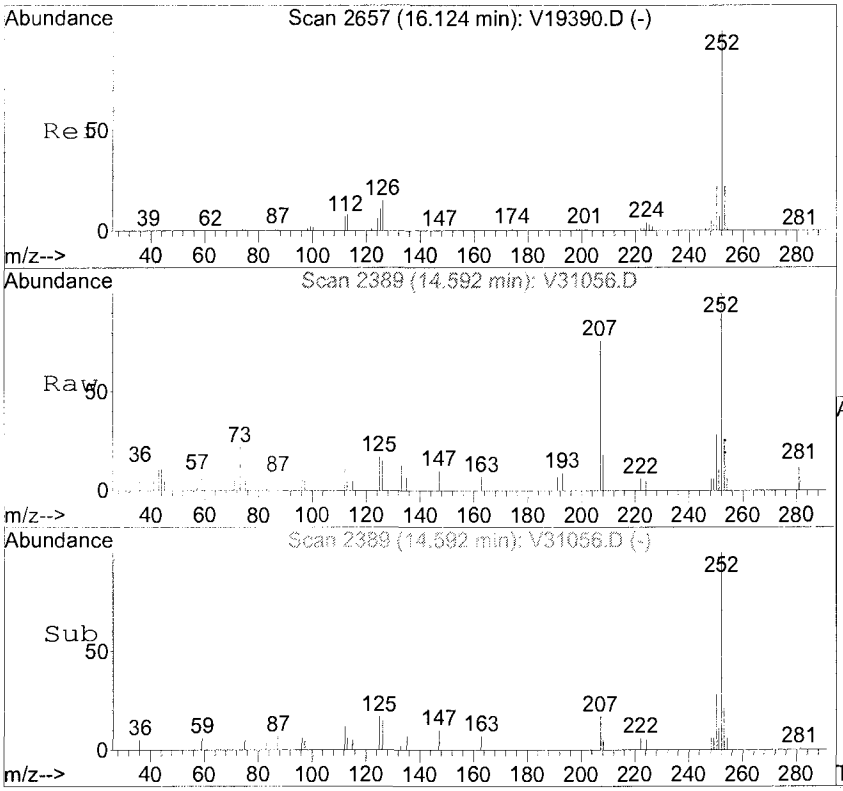


Burned MD 9/5/08

#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.54 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

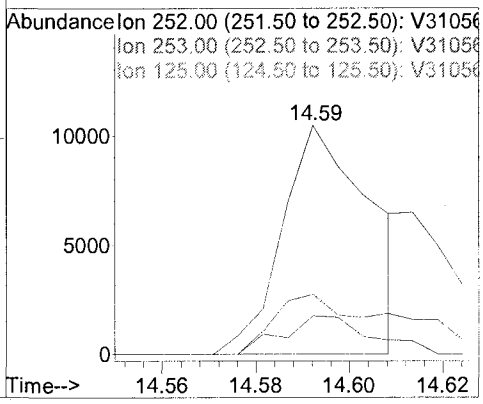
Tgt Ion:149	Resp:	8729	
Ion	Ratio	Lower	Upper
149	100		
167	33.5	8.3	48.3
279	9.7	0.0	26.1

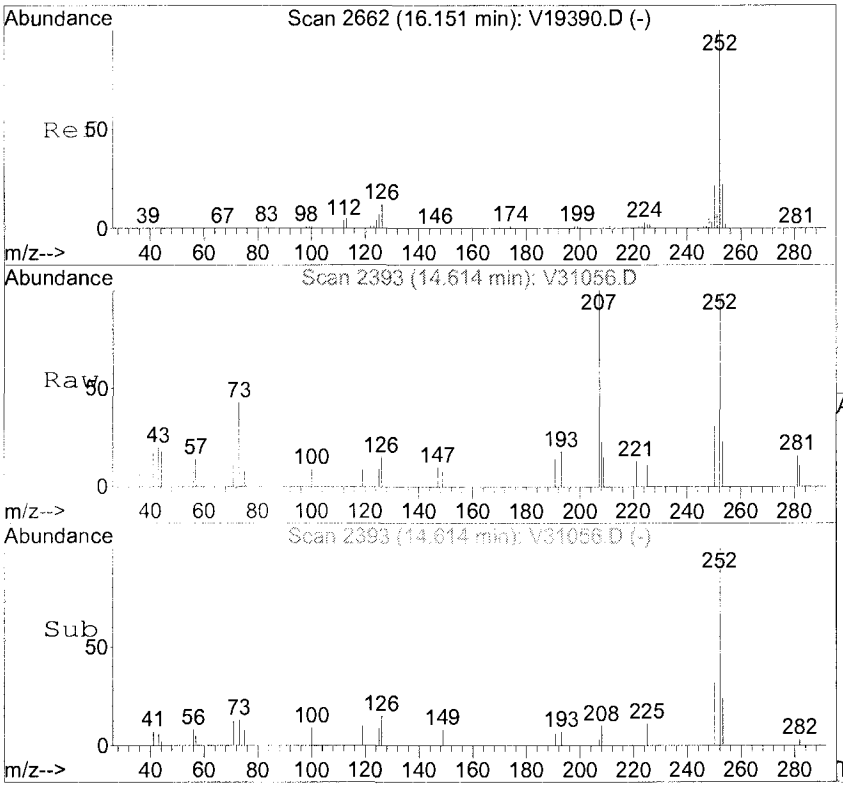




#79
C765 Benzo[b]fluoranthene
Concen: 0.59 ng m
RT: 14.59 min Scan# 2389
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

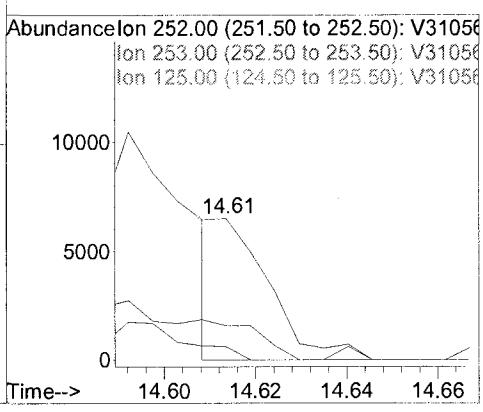
Tgt Ion:252	Resp:	13693	
Ion	Ratio	Lower	Upper
252	100		
253	26.2	2.3	42.3
125	16.7	0.0	37.9

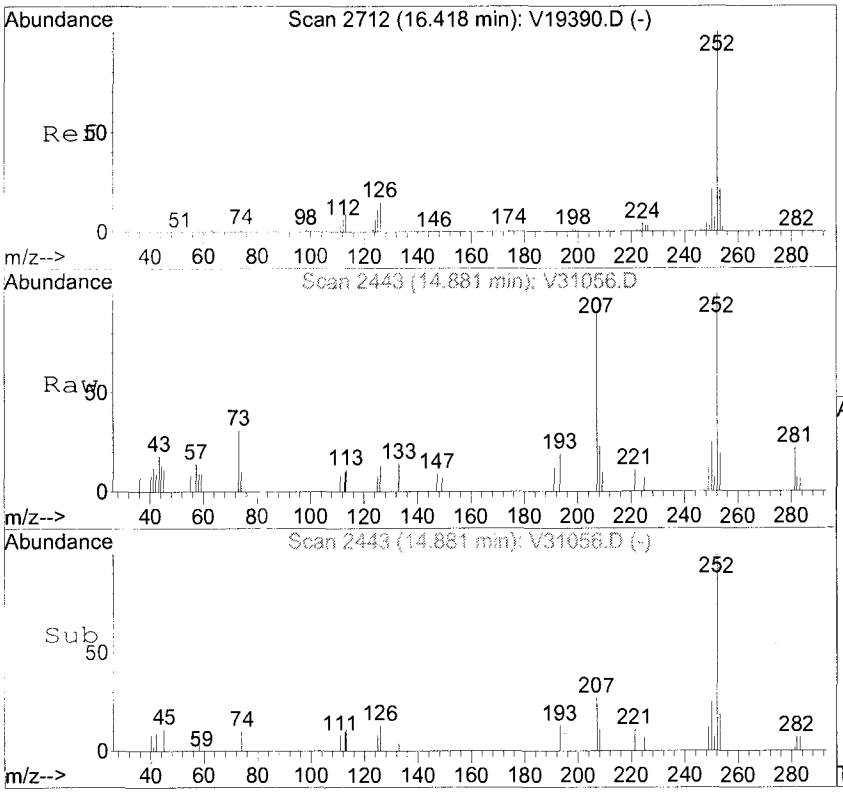




#80
C770 Benzo[k]fluoranthene
Concen: 0.25 ng m
RT: 14.61 min Scan# 2393
Delta R.T. -0.01 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:252	Resp:	5319	
Ion	Ratio	Lower	Upper
252	100		
253	24.1	2.6	42.6
125	9.2	0.0	36.2

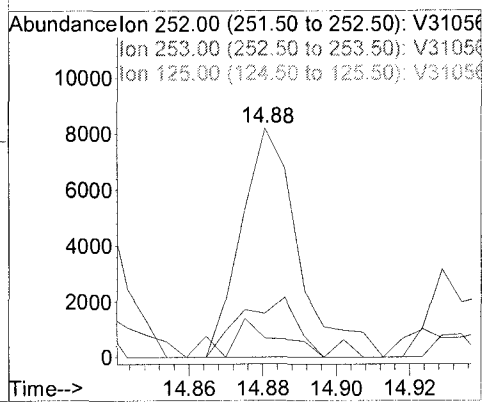


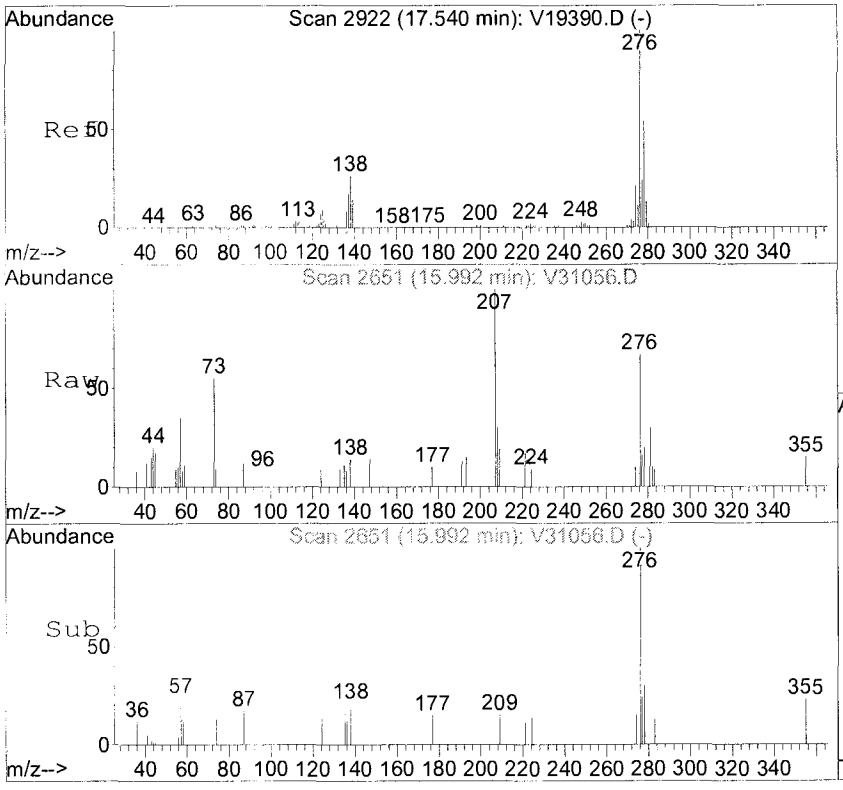


#81
C775 Benzo[a]pyrene
Concen: 0.44 ng
RT: 14.88 min Scan# 2443
Delta R.T. -0.01 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:252 Resp: 8911

Ion	Ratio	Lower	Upper
252	100		
253	19.3	1.0	41.0
125	8.4	0.0	30.8

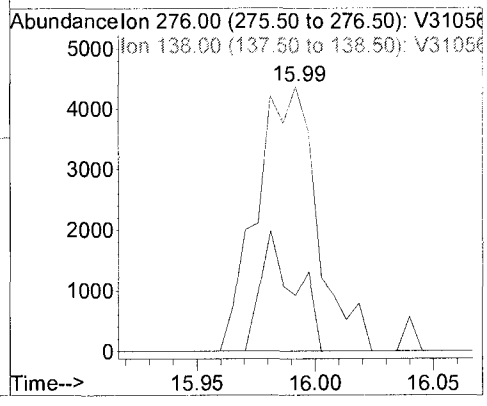


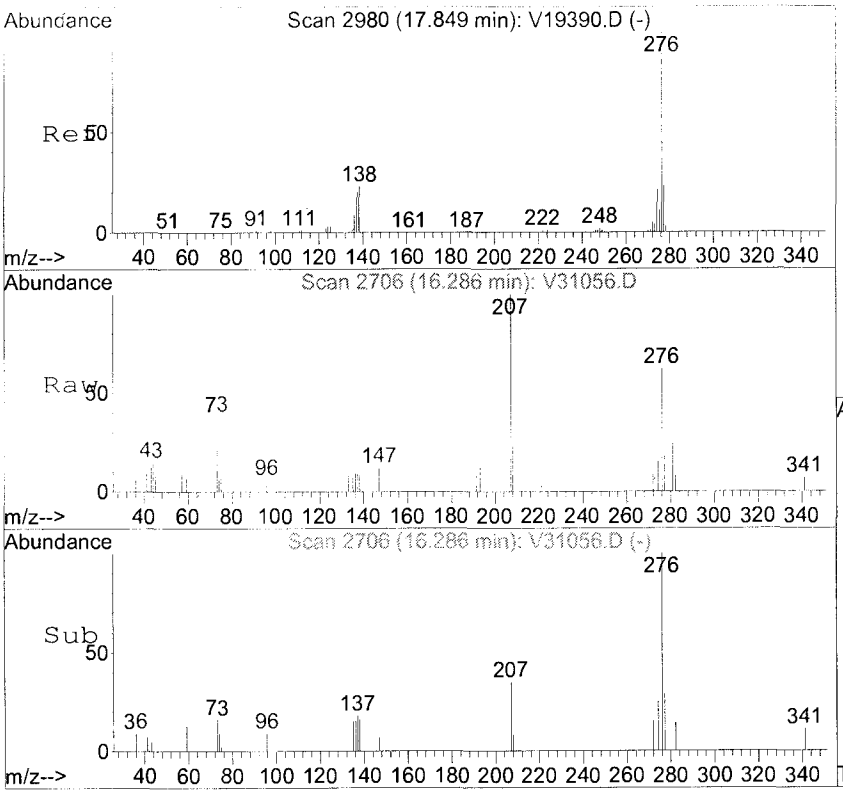


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 0.34 ng
RT: 15.99 min Scan# 2651
Delta R.T. 0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:276 Resp: 7773

Ion	Ratio	Lower	Upper
276	100		
138	21.0	7.1	47.1

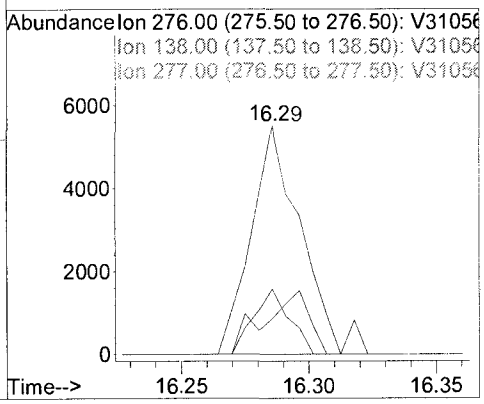


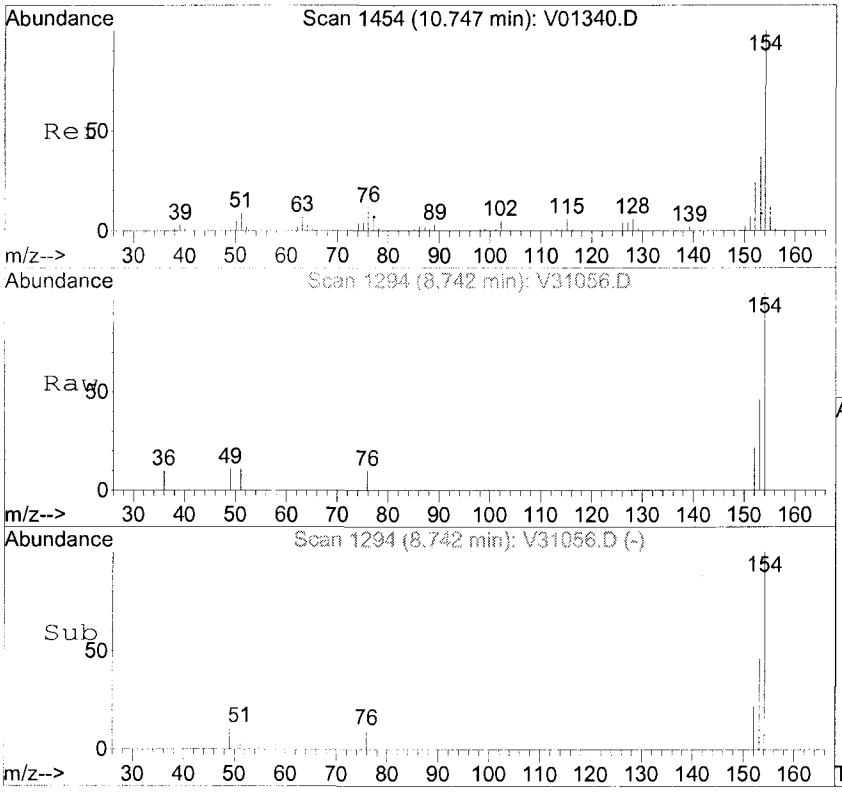


#84
C790 Benzo[g,h,i]perylene
Concen: 0.39 ng
RT: 16.29 min Scan# 2706
Delta R.T. -0.01 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:276 Resp: 7524

Ion	Ratio	Lower	Upper
276	100		
138	15.8	4.9	44.9
277	28.6	3.1	43.1

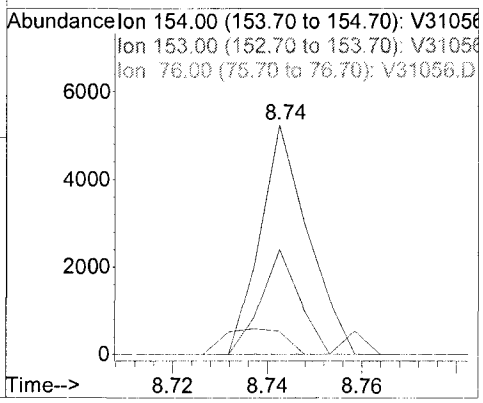




#8
C811 1,1'-Biphenyl
Concen: 0.23 ng
RT: 8.74 min Scan# 1294
Delta R.T. -0.00 min
Lab File: V31056.D
Acq: 3 Sep 2008 20:51

Tgt Ion:154 Resp: 3680

Ion	Ratio	Lower	Upper
154	100		
153	45.8	16.2	56.2
76	10.1	0.0	34.8



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 30.65 (g/mL) G Lab File ID: V31057.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	12	J
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	58	J
205-99-2	Benzo(b)fluoranthene	73	J
207-08-9	Benzo(k)fluoranthene	24	J
191-24-2	Benzo(ghi)perylene	48	J
50-32-8	Benzo(a)pyrene	56	J
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	2000	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	67	BJ
53-70-3	Dibenzo(a,h)anthracene	16	J
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 30.65 (g/mL) G Lab File ID: V31057.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	87	J
86-73-7	Fluorene	390	U
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	37	J
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	390	U
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	46	J
108-95-2	Phenol	390	U
129-00-0	Pyrene	76	J
95-95-4	2,4,5-Trichlorophenol	390	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A47506

Sample wt/vol: 30.65 (g/mL) G Lab File ID: V31057.RR

Level: (low/med) LOW Date Samp/Recv: 08/25/2008 08/27/2008

% Moisture: 17 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

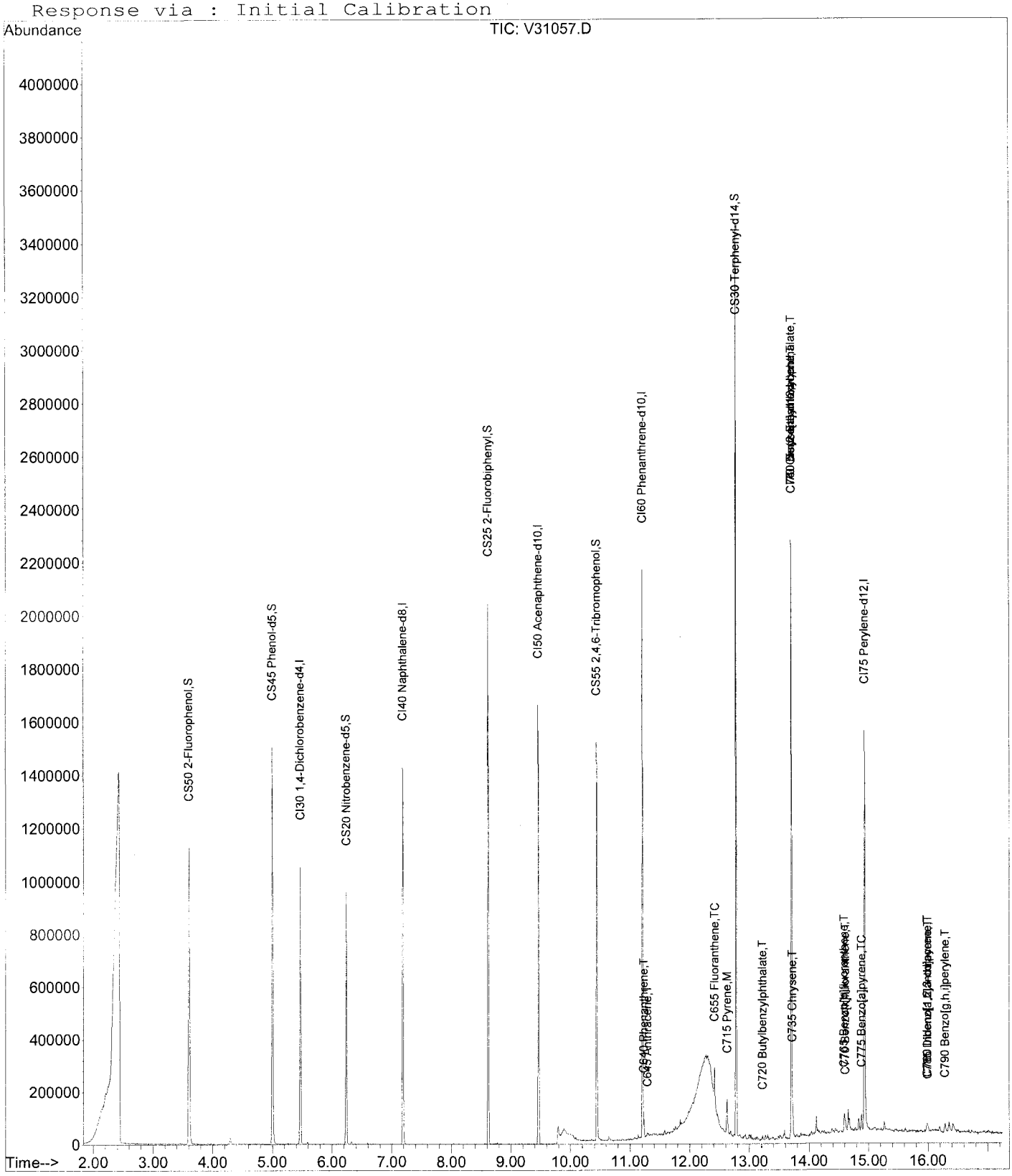
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:38 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:45 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

SWM 9/4/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	165759	40.00	ng	0.00 85.38%
20) CI40 Naphthalene-d8	7.19	136	625223	40.00	ng	0.00 86.05%
35) CI50 Acenaphthene-d10	9.46	164	365491	40.00	ng	0.00 88.84%
56) CI60 Phenanthrene-d10	11.21	188	757877	40.00	ng	0.00 86.86%
68) CI70 Chrysene-d12	13.71	240	749684	40.00	ng	0.00 91.95%
78) CI75 Perylene-d12	14.93	264	554470	40.00	ng	0.00 89.50%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.60	112	396491	63.47	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 42.31%			
5) CS45 Phenol-d5	5.00	99	588350	73.37	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 48.91%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	332465	41.52	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 41.52%			
39) CS25 2-Fluorobiphenyl	8.62	172	631077	46.00	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 46.00%			
59) CS55 2,4,6-Tribromophenol	10.45	330	136848	87.12	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 58.08%			
71) CS30 Terphenyl-d14	12.78	244	874886	51.53	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.53%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.
7) C315 Phenol	5.02	94	355	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisopropyl	5.45	45	175	N.D.
16) C355 2-Methylphenol	5.47	108	672	N.D.
17) C375 Hexachloroethane	6.21	117	187	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.23	77	974	N.D.
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.

9/12/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:32:45 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

MD 9/4/08

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.		
30)	C450 Naphthalene	7.21	128	3342	N.D.		
31)	C455 4-Chloroaniline	7.21	127	229	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
34)	C470 2-Methylnaphthalene	8.13	142	875	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	9.29	152	2269	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45)	C550 Acenaphthene	9.50	153	797	N.D.		
46)	C545 3-Nitroaniline	8.63	138	179	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	9.73	168	1439	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	10.15	166	1177	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	0.00	149	0	N.D.		
54)	C620 1,2 diphenylhydrazine	10.44	77	1683	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	10.00	169	176	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	11.23	178	21935	1.17	ng	97
64)	C645 Anthracene	11.29	178	5975	0.31	ng	93
65)	C647 carbazole	11.48	167	2373	N.D.		
66)	C650 Di-n-butylphthalate	11.84	149	1982	N.D.		
67)	C655 Fluoranthene	12.42	202	52794	2.21	ng	97
69)	C715 Pyrene	12.63	202	48990	1.96	ng	94
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.21	149	3883	0.36	ng	84
73)	C725 3,3'-Dichlorobenzidin	13.49	252	187	N.D.		
74)	C730 Benzo[a]anthracene	13.69	228	34535	1.48	ng	95
75)	C735 Chrysene	13.72	228	39467	1.72	ng	97
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	13070	0.88	ng	95
77)	C760 Di-n-octylphthalate	14.23	149	2615	N.D.		
79)	C765 Benzo[b]fluoranthene	14.59	252	38146m	1.86	ng	85
80)	C770 Benzo[k]fluoranthene	14.61	252	11694m	0.62	ng	87
81)	C775 Benzo[a]pyrene	14.88	252	25291	1.42	ng	96
82)	C780 Indeno[1,2,3-cd]pyren	15.98	276	19339	0.96	ng	76
83)	C785 Dibenz[a,h]anthracene	16.00	278	7197	0.42	ng	87
84)	C790 Benzo[g,h,i]perylene	16.28	276	20879	1.23	ng	94

MD 9/4/08

9/22/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:37 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	165759	40.00	ng	0.00 104.75%
4) CI40 Naphthalene-d8	7.19	136	625223	40.00	ng	0.00 111.89%
7) CI50 Acenaphthene-d10	9.46	164	365491	40.00	ng	0.00 113.34%
10) CI60 Phenanthrene-d10	11.21	188	757877	40.00	ng	0.00 119.53%
12) CI70 Chrysene-d12	13.71	240	749684	40.00	ng	0.00 110.47%
13) CI75 Perylene-d12	14.93	264	554470	40.00	ng	0.00 102.09%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.00	77	1033	N.D.	
3) E145 Acetophenone	5.86	105	185	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.74	154	1037	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

9/2/08

(#) = qualifier out of range (m) = manual integration

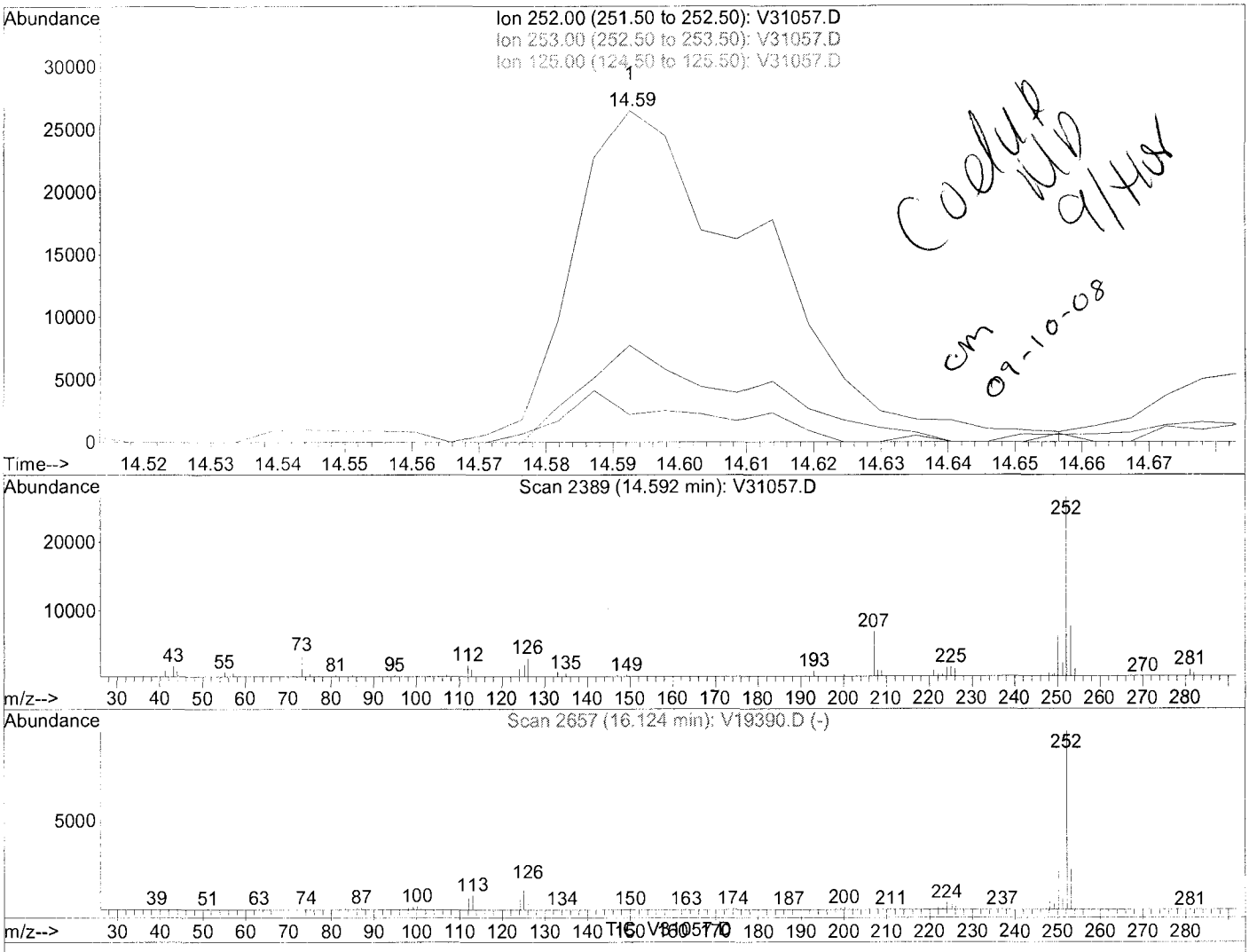
Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 7:32 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration



(79) C765 Benzo[b]fluoranthene (T)

14.59min 2.50ng

response 51265

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	27.13
125.00	17.90	8.33
0.00	0.00	0.00

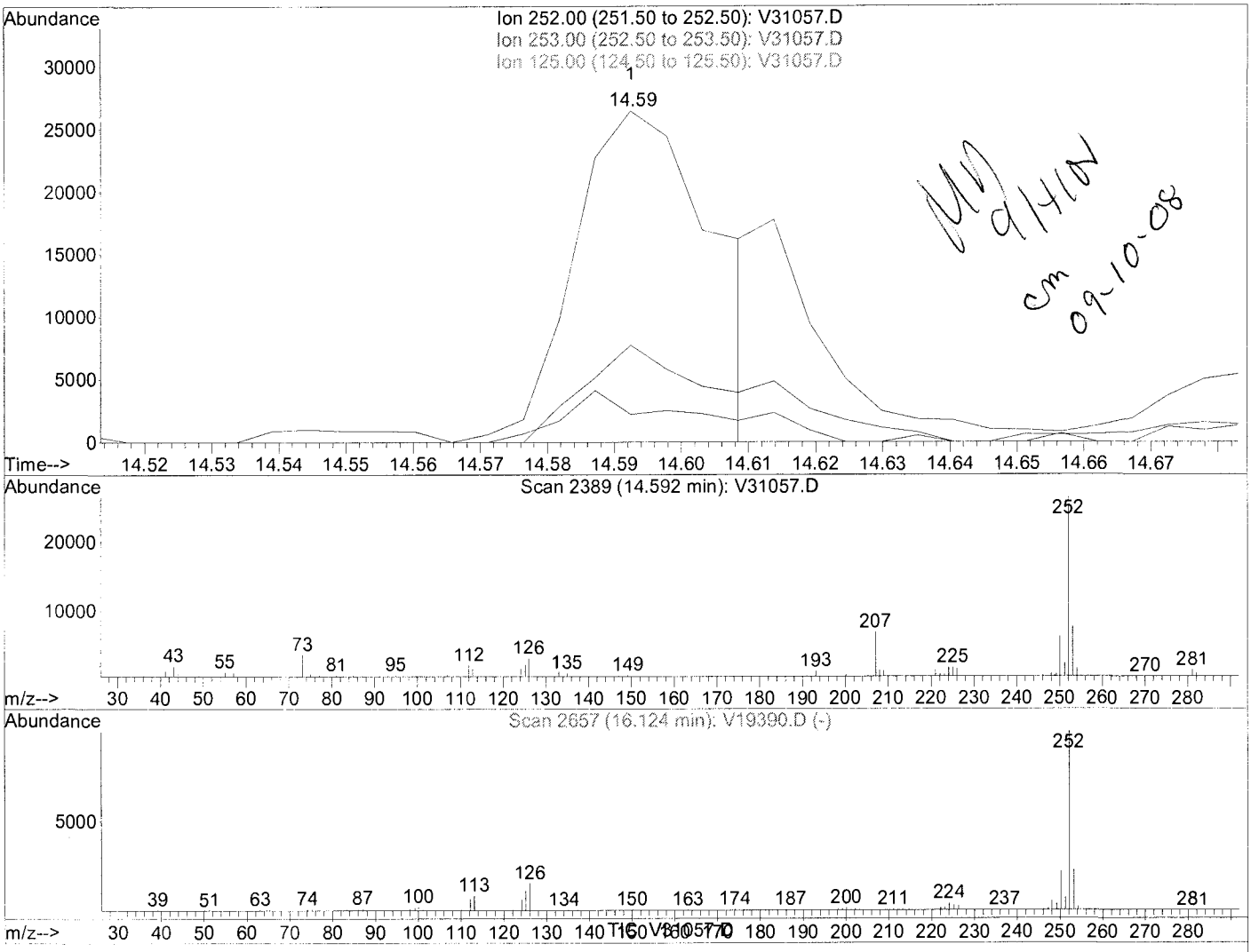
Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:38 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration



(79) C765 Benzo[b]fluoranthene (T)

14.59min 1.86ng m

response 38146

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	29.26
125.00	17.90	8.33
0.00	0.00	0.00

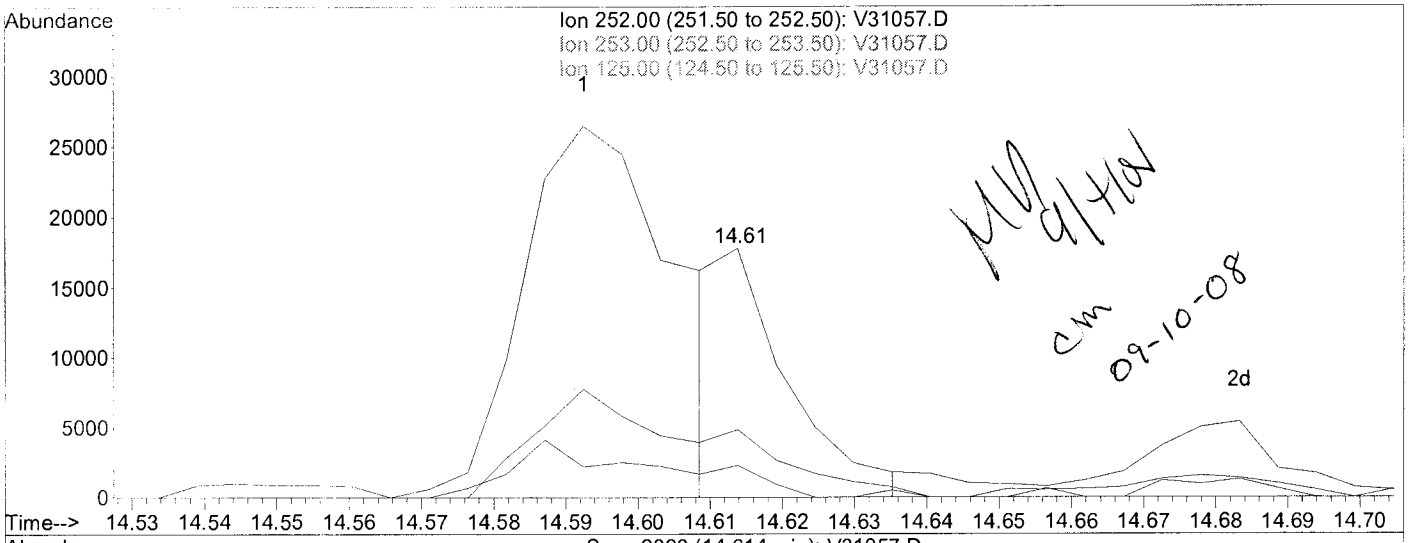
Quantitation Report (Qedit)

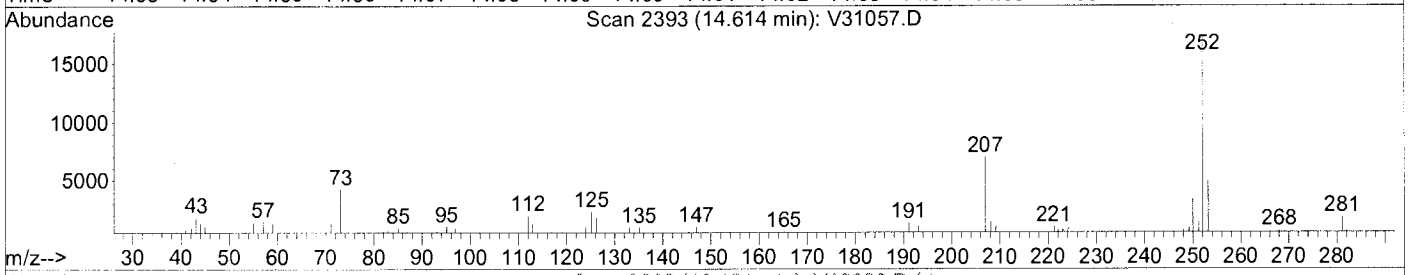
Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:38 2008

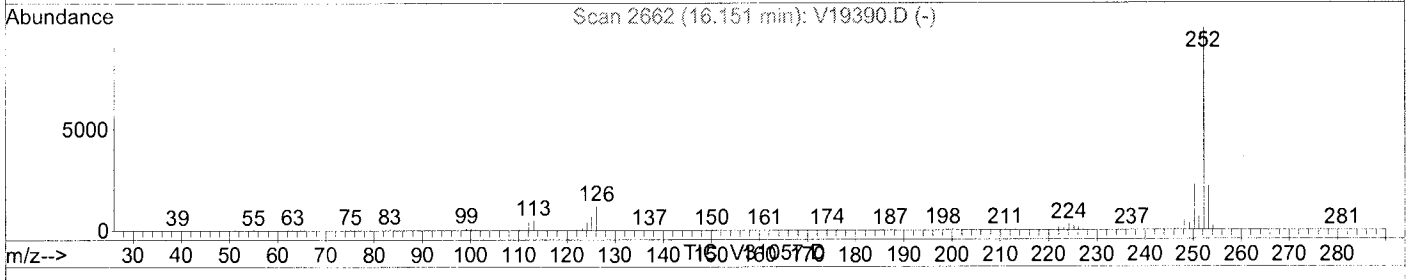
Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Multiple Level Calibration





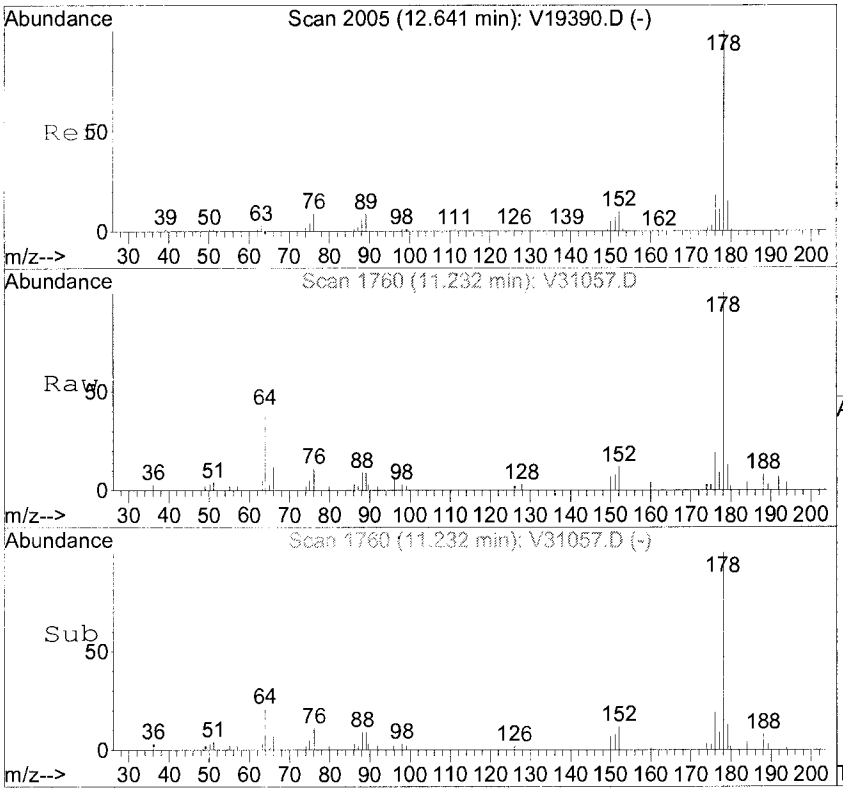


(80) C770 Benzo[k]fluoranthene (T)

14.61min 0.62ng m

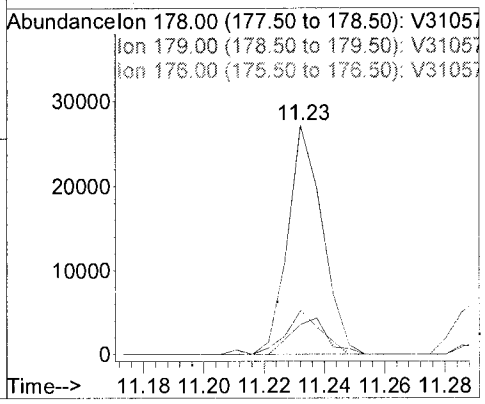
response 11694

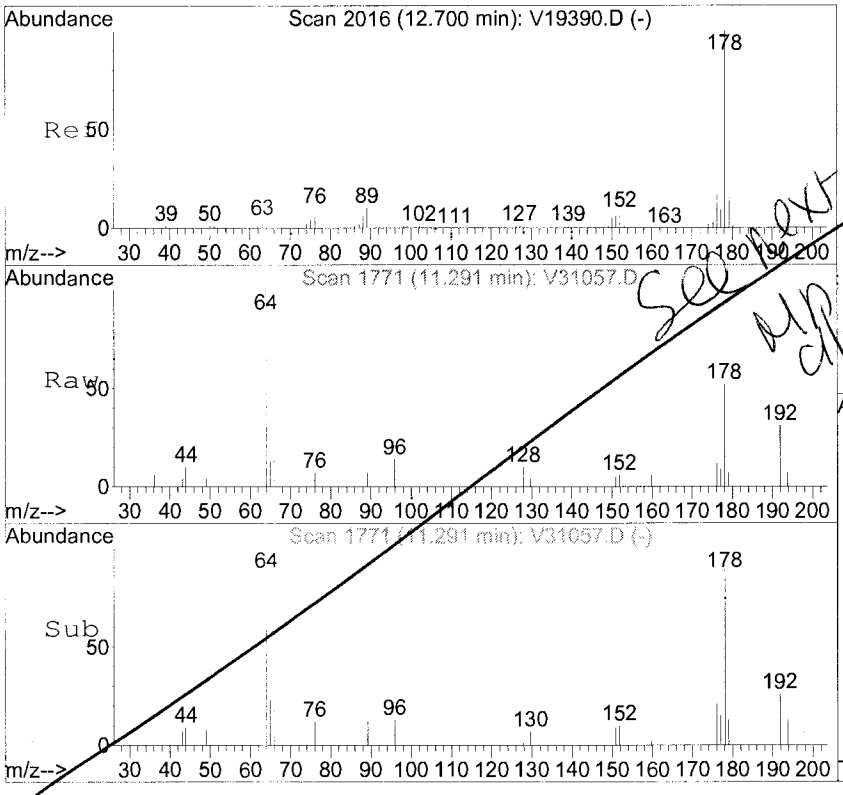
Ion	Exp%	Act%
252.00	100	100
253.00	22.60	27.29
125.00	16.20	13.00
0.00	0.00	0.00



#63
C640 Phenanthrene
Concen: 1.17 ng
RT: 11.23 min Scan# 1760
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

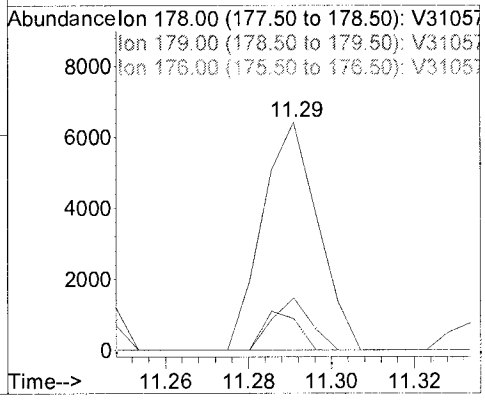
Tgt Ion:178	Resp:	21935
Ion	Ratio	Lower	Upper
178	100		
179	13.1	0.0	34.2
176	19.3	0.0	38.0





#64
C645 Anthracene
Concen: 0.31 ng
RT: 11.29 min Scan# 1771
Delta R.T. 0.00 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:178	Resp:	5975
Ion	Ratio	Lower	Upper
178	100		
179	13.7	0.0	33.6
176	22.8	0.0	37.1

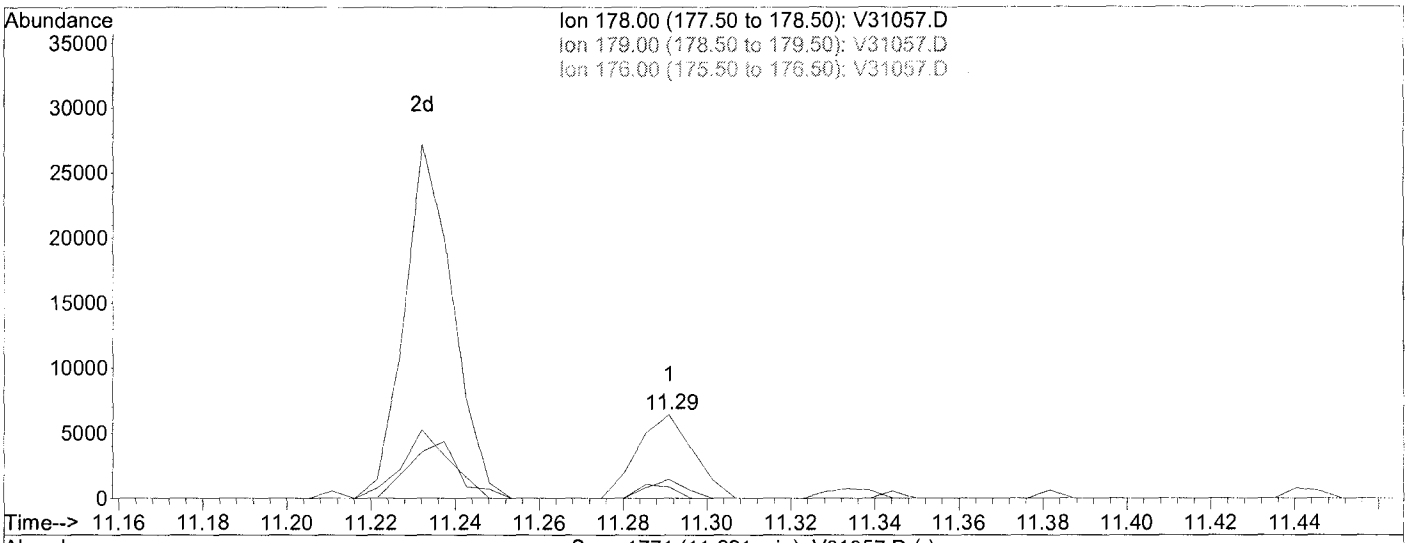


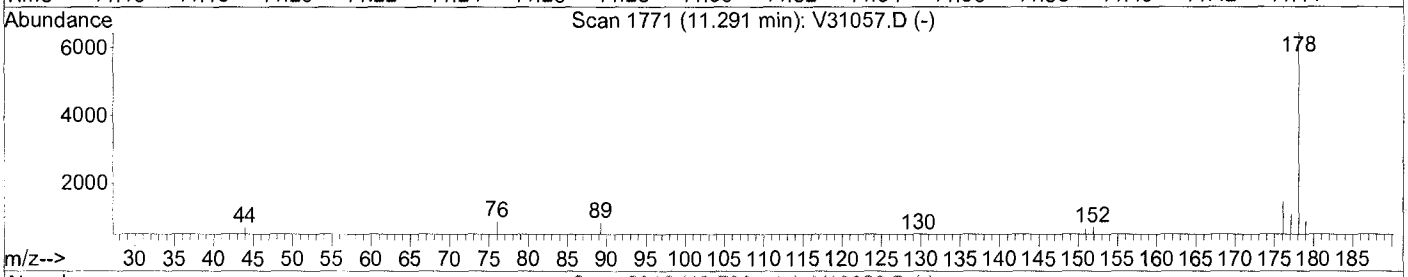
Quantitation Report (Qedit)

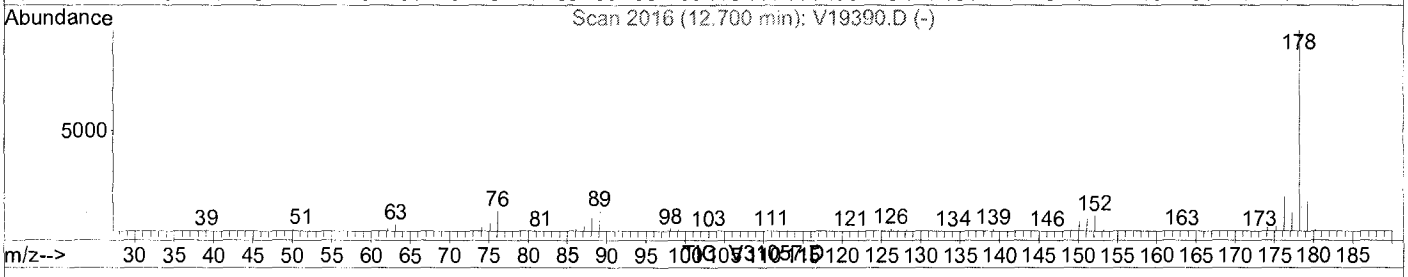
Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:38 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration





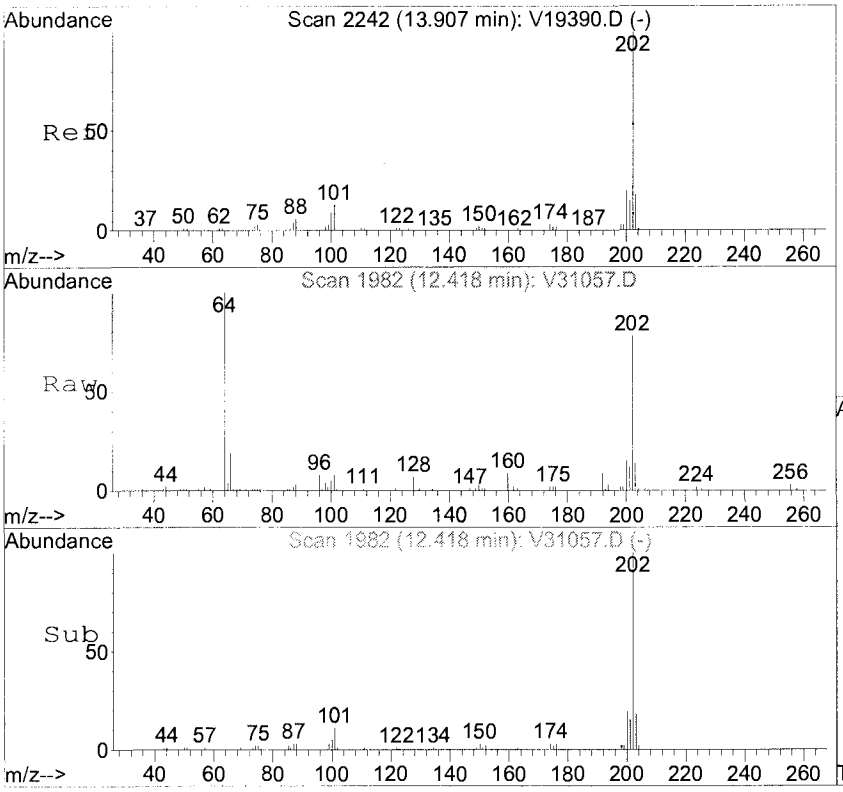


(64) C645 Anthracene (T)

11.29min 0.31ng

response 5975

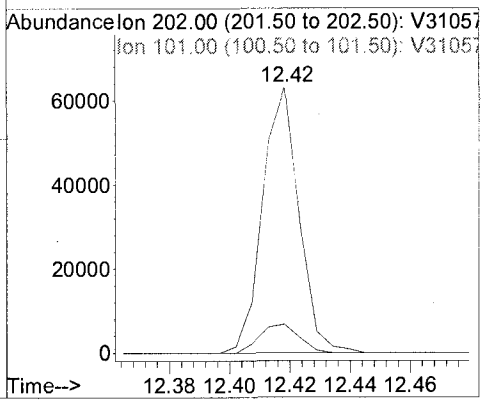
Ion	Exp%	Act%
178.00	100	100
179.00	13.60	13.68
176.00	17.10	22.82
0.00	0.00	0.00

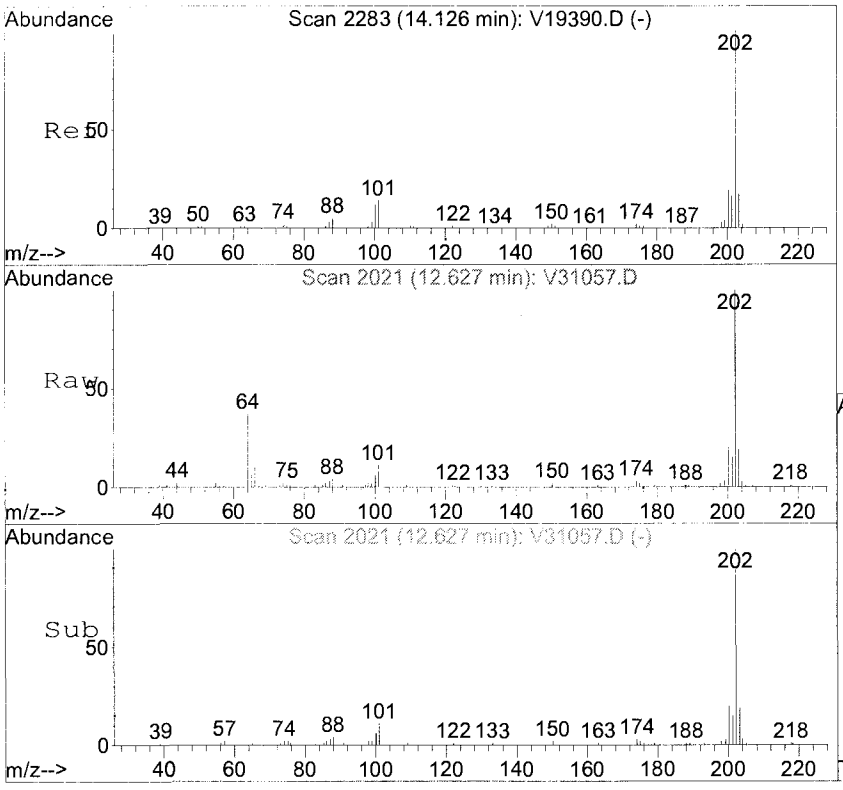


#67
C655 Fluoranthene
Concen: 2.21 ng
RT: 12.42 min Scan# 1982
Delta R.T. 0.00 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:202 Resp: 52794

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.9

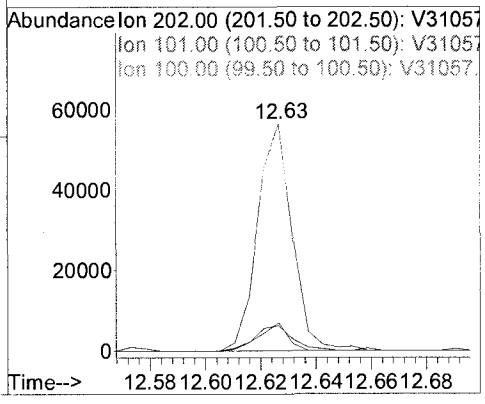


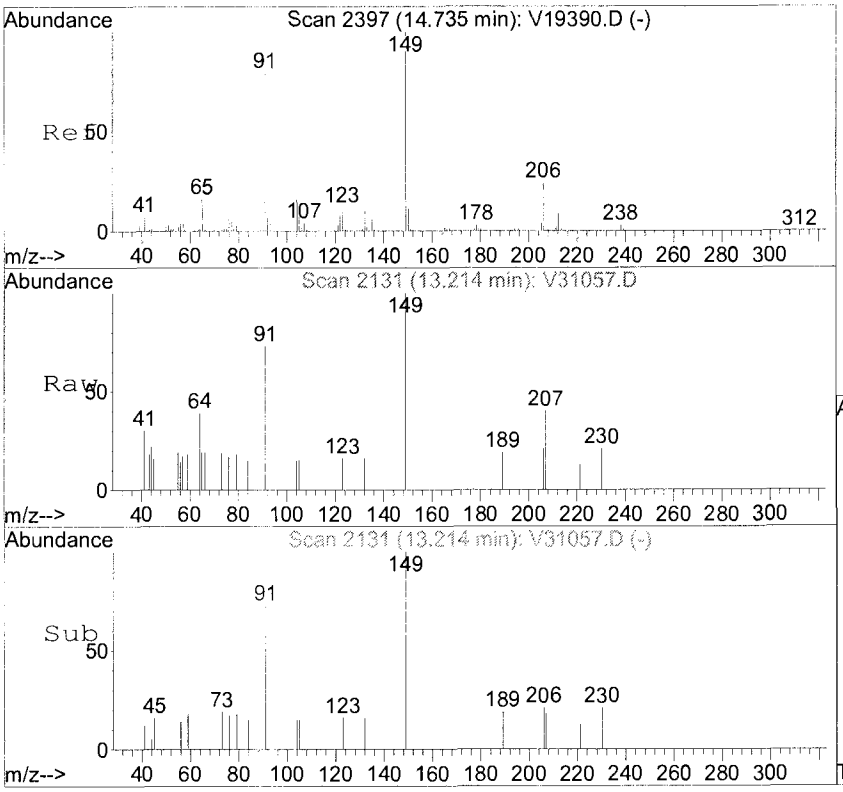


#69
C715 Pyrene
Concen: 1.96 ng
RT: 12.63 min Scan# 2021
Delta R.T. 0.00 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:202 Resp: 48990

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.7
100	12.5	0.0	31.3

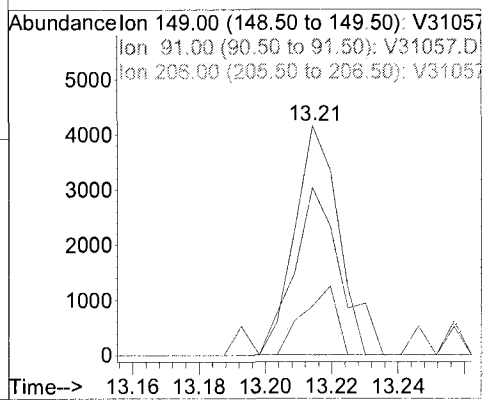


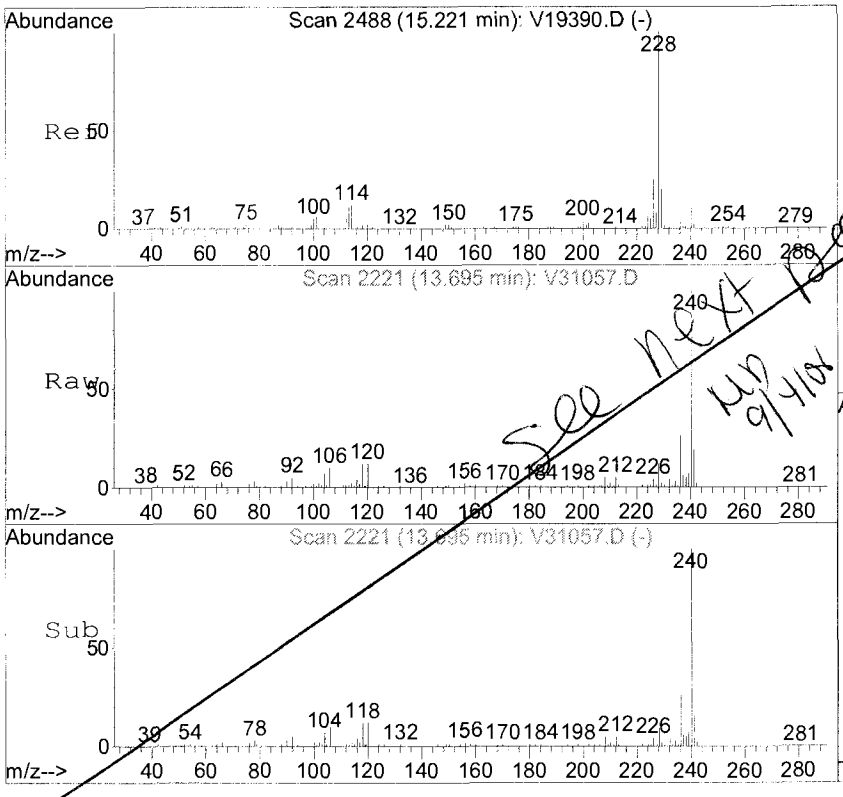


#72
C720 Butylbenzylphthalate
Concen: 0.36 ng
RT: 13.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:149 Resp: 3883

Ion	Ratio	Lower	Upper
149	100		
91	73.1	38.2	78.2
206	21.2	0.0	39.3

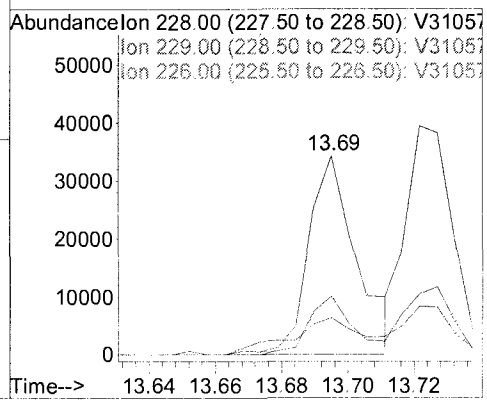




#74
C730 Benzo[a]anthracene
Concen: 1.48 ng
RT: 13.69 min Scan# 2221
Delta R.T. 0.00 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:228 Resp: 34535

Ion	Ratio	Lower	Upper
228	100		
229	18.4	0.0	39.5
226	29.5	5.6	45.6



See next page
MD 9/4/08

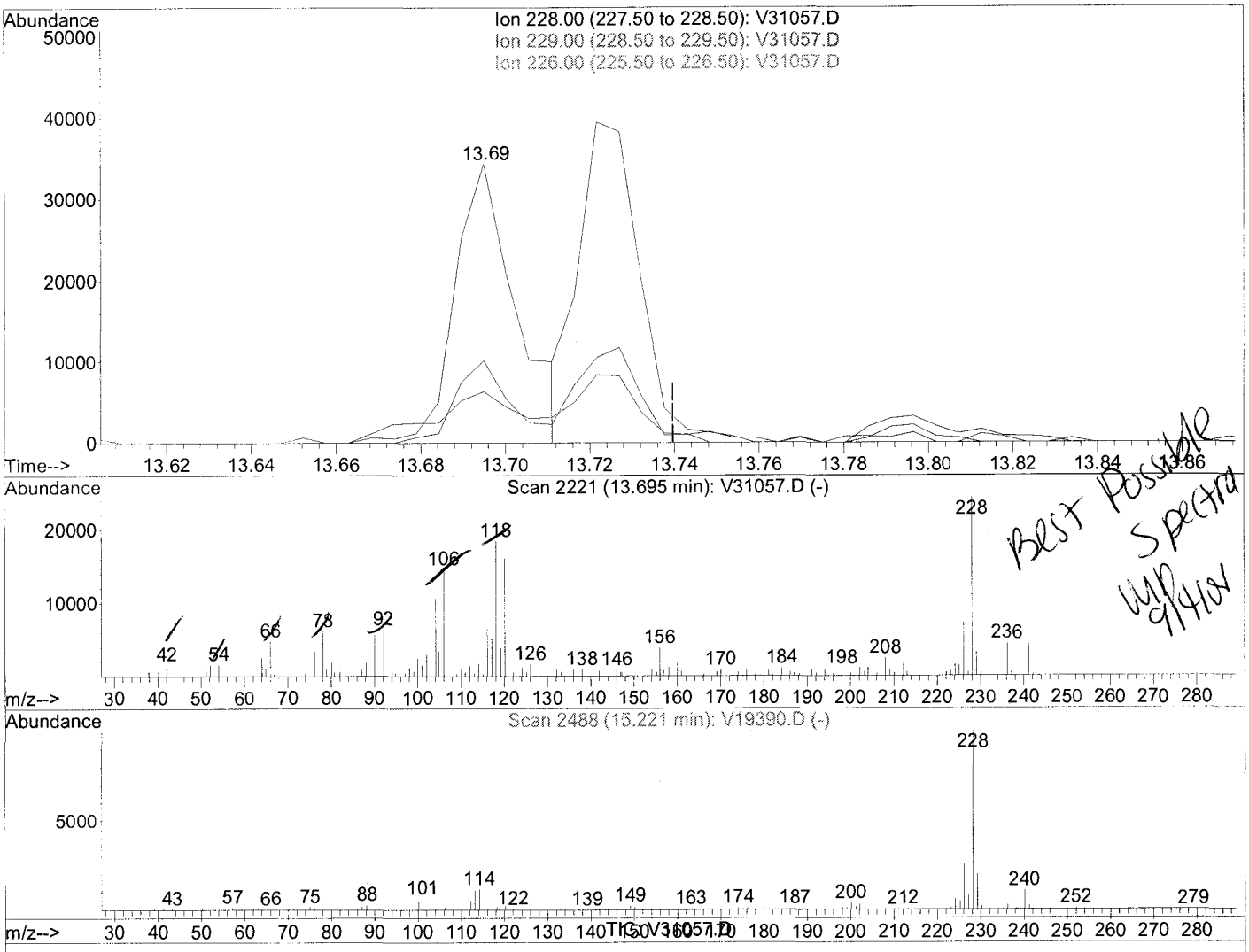
Quantitation Report (Qedit)

Data File : D:\DATA\090308\V31057.D
Acq On : 3 Sep 2008 21:14
Sample : A8A47506 AS80010963
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:38 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration

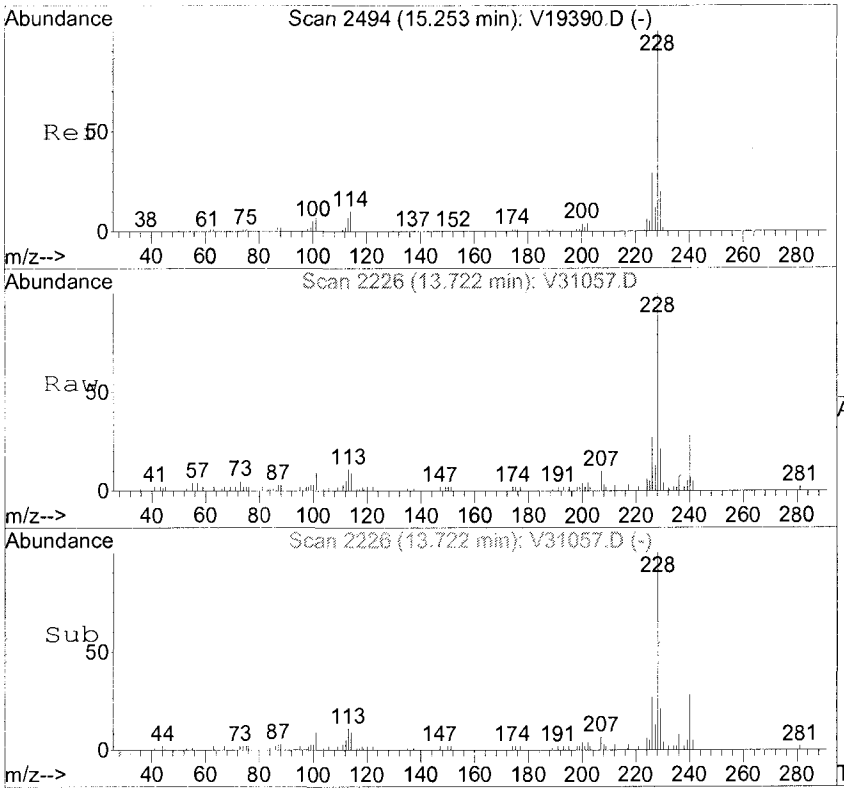


(74) C730 Benzo[a]anthracene (T)

13.69min 1.48ng

response 34535

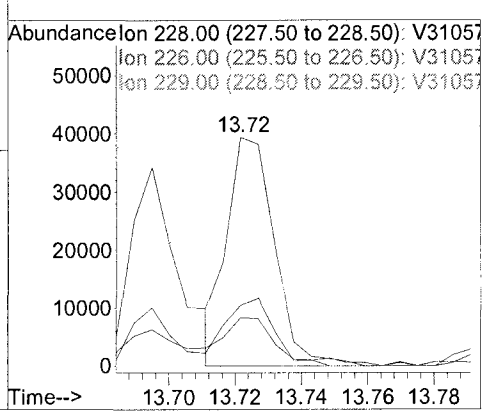
Ion	Exp%	Act%
228.00	100	100
229.00	19.50	18.36
226.00	25.60	29.45
0.00	0.00	0.00

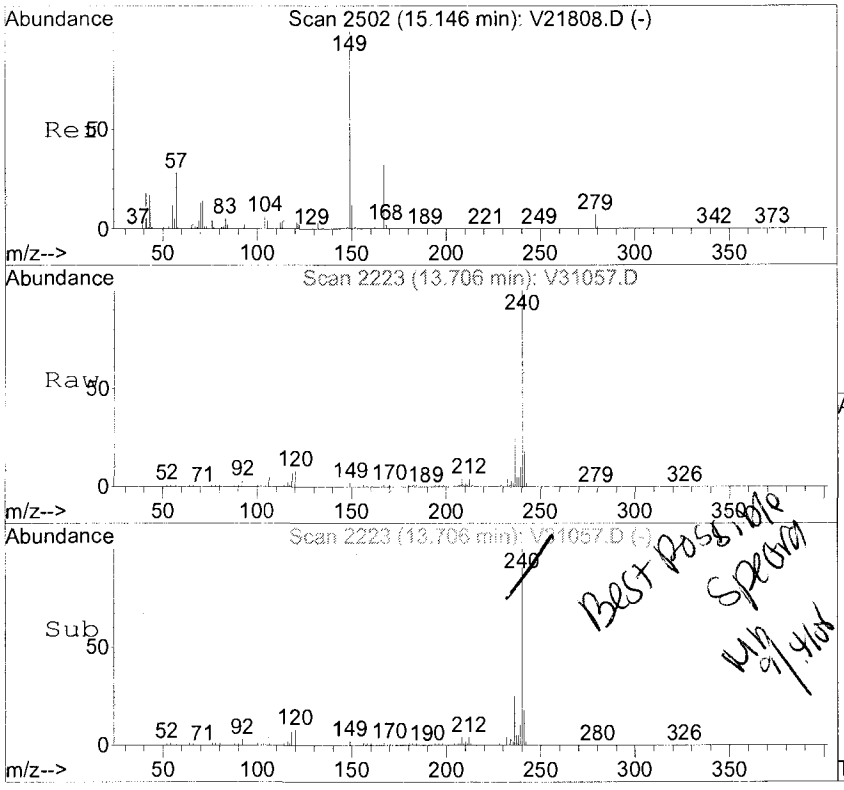


#75
C735 Chrysene
Concen: 1.72 ng
RT: 13.72 min Scan# 2226
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:228 Resp: 39467

Ion	Ratio	Lower	Upper
228	100		
226	26.5	7.8	47.8
229	21.2	0.0	39.2

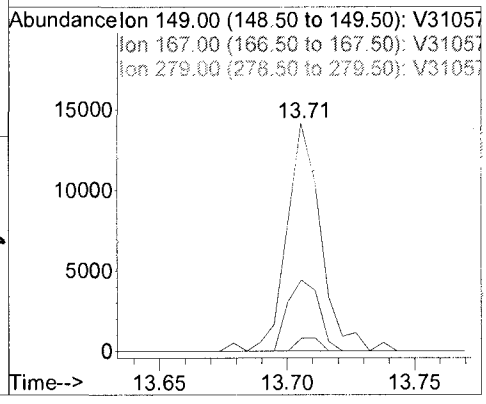




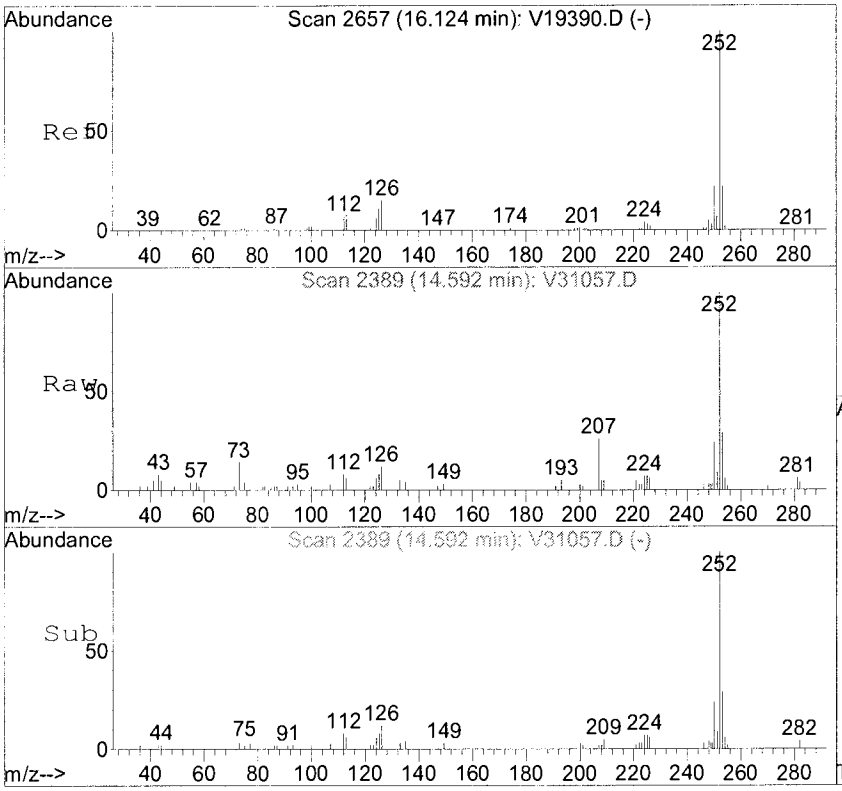
#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.88 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:149 Resp: 13070

Ion	Ratio	Lower	Upper
149	100		
167	31.1	8.3	48.3
279	5.5	0.0	26.1



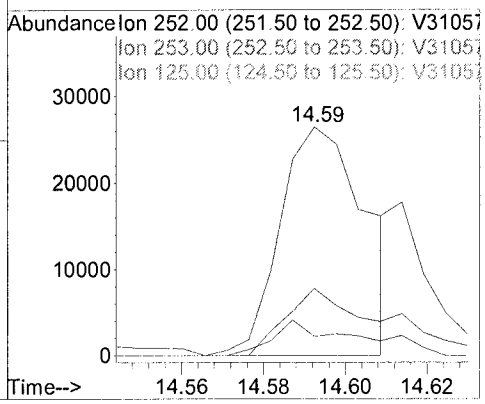
Best Possible Spectra
MN 9/4/08

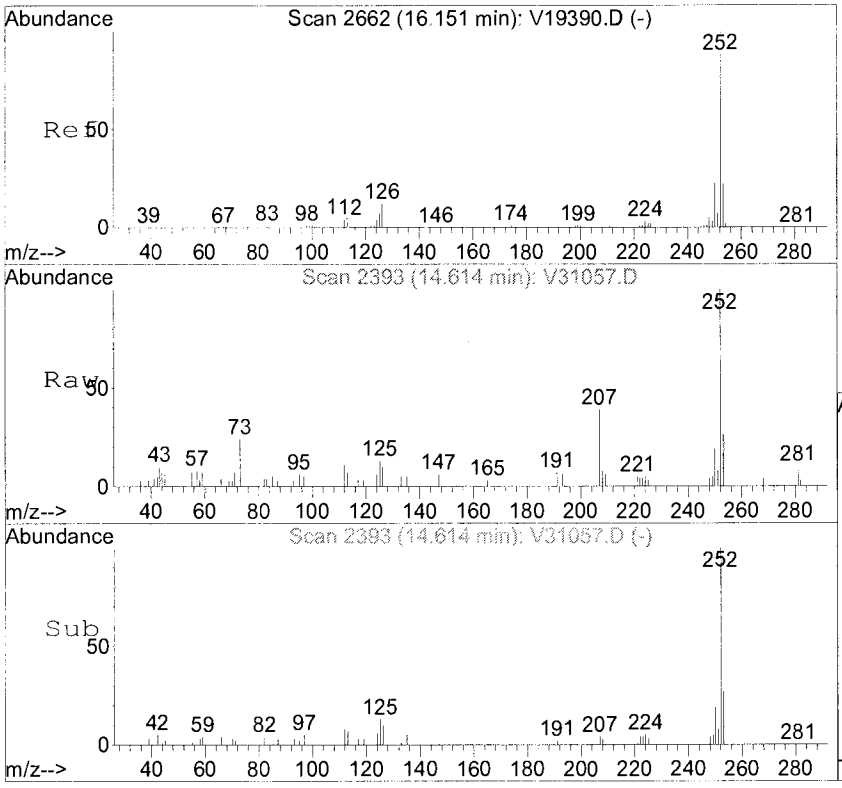


#79
C765 Benzo[b]fluoranthene
Concen: 1.86 ng m
RT: 14.59 min Scan# 2389
Delta R.T. 0.00 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:252 Resp: 38146

Ion	Ratio	Lower	Upper
252	100		
253	29.3	2.3	42.3
125	8.3	0.0	37.9

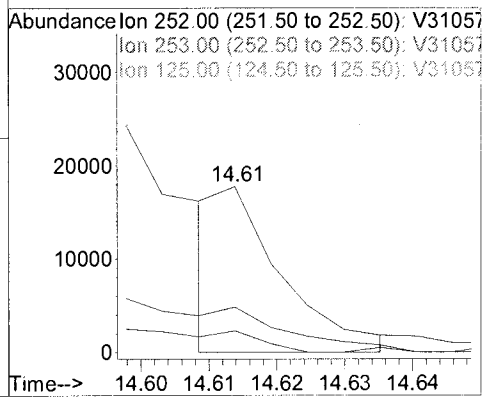


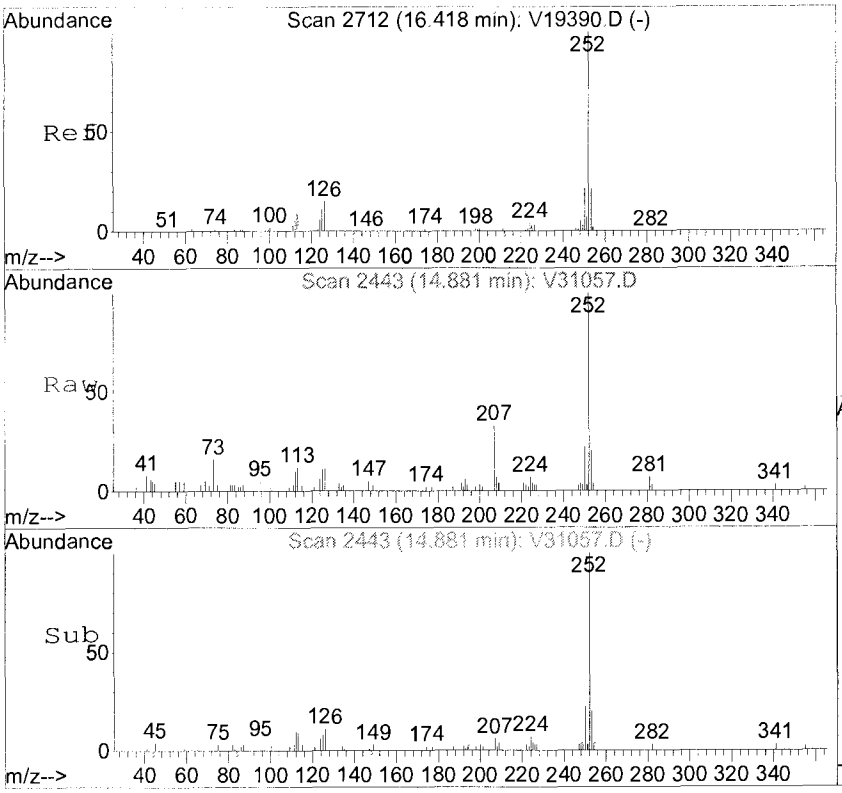


#80
C770 Benzo[k]fluoranthene
Concen: 0.62 ng m
RT: 14.61 min Scan# 2393
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:252 Resp: 11694

Ion	Ratio	Lower	Upper
252	100		
253	27.3	2.6	42.6
125	13.0	0.0	36.2

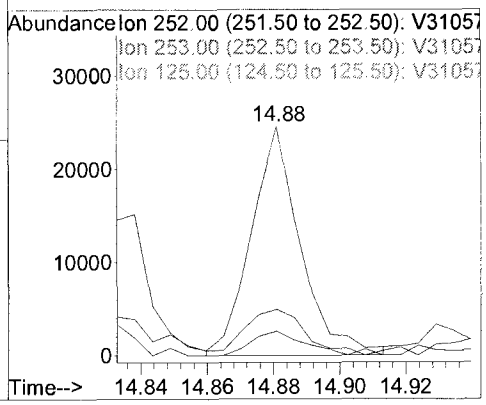


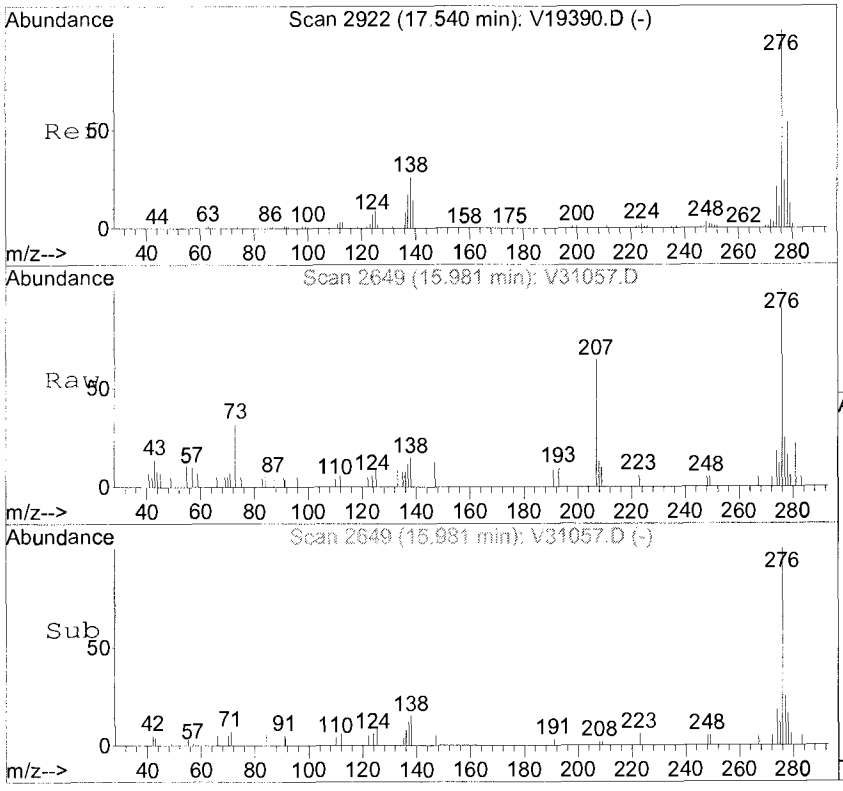


#81
C775 Benzo[a]pyrene
Concen: 1.42 ng
RT: 14.88 min Scan# 2443
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:252 Resp: 25291

Ion	Ratio	Lower	Upper
252	100		
253	18.5	1.0	41.0
125	10.8	0.0	30.8

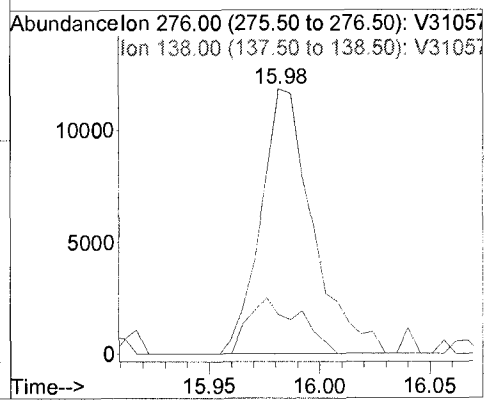


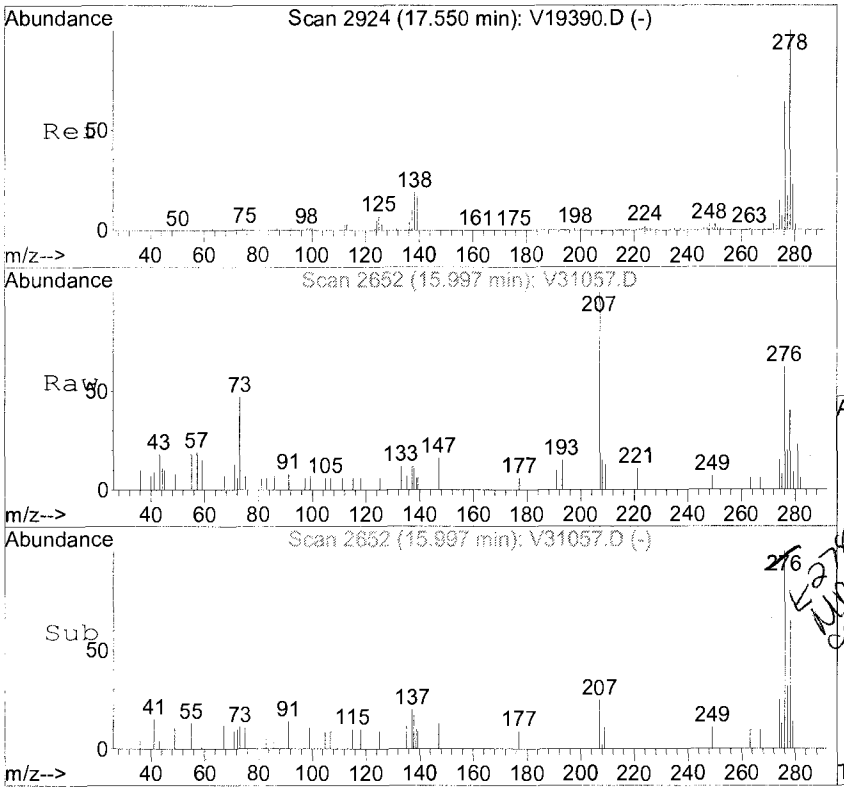


#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 0.96 ng
RT: 15.98 min Scan# 2649
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:276 Resp: 19339

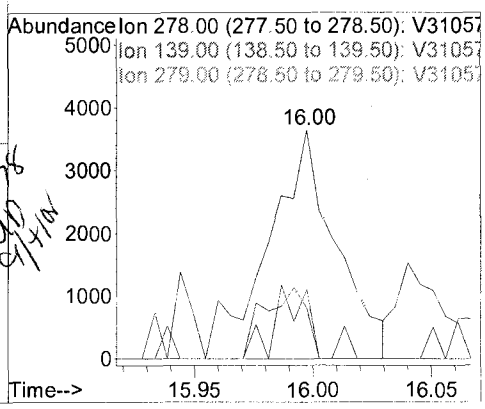
Ion	Ratio	Lower	Upper
276	100		
138	14.8	7.1	47.1

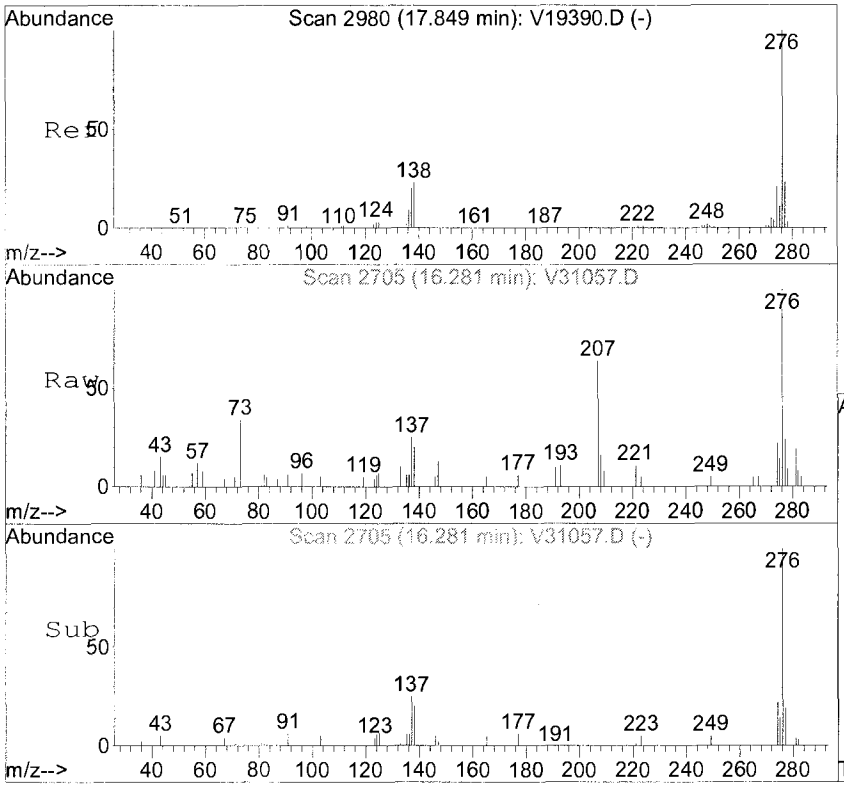




#83
C785 Dibenz[a,h]anthracene
Concen: 0.42 ng
RT: 16.00 min Scan# 2652
Delta R.T. -0.01 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

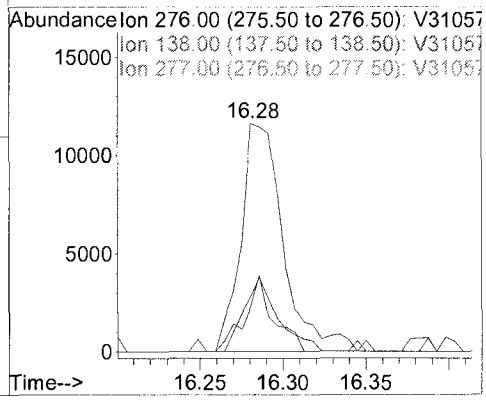
Tgt Ion:278	Resp:	7197	
Ion	Ratio	Lower	Upper
278	100		
139	30.4	0.0	37.8
279	22.3	1.8	41.8





#84
C790 Benzo[g,h,i]perylene
Concen: 1.23 ng
RT: 16.28 min Scan# 2705
Delta R.T. -0.02 min
Lab File: V31057.D
Acq: 3 Sep 2008 21:14

Tgt Ion:276	Resp:	20879	
Ion	Ratio	Lower	Upper
276	100		
138	19.7	4.9	44.9
277	23.9	3.1	43.1



Standards

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000562-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973V Calibration Dates(s): 07/29/2008 07/29/2008

Calibration Times: 09:15 11:15

Lab File ID: RRF5 = V30064.RR RRF20 = V30065.RR RRF50 = V30066.RR
RRF80 = V30067.RR RRF120 = V30068.RR RRF160 = V30069.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.070	0.111	0.116	0.126	0.129	0.127	0.1130	19.800
Atrazine	0.256	0.250	0.218	0.216	0.218	0.202	0.2260	9.400
Acetophenone	2.591	2.470	2.329	2.323	2.211	2.080	2.3340	7.800
Biphenyl	1.889	1.755	1.691	1.603	1.492	1.428	1.6430	10.400
Benzaldehyde	1.655	1.547	1.524	1.530	1.431	1.367	1.5090	6.600

Comments:

Response Factor Report HP5973V

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:39:34 2008
Response via : Initial Calibration

TCL ADDS (ASI...0562)

Calibration Files
5 =V30064.D 20 =V30065.D 50 =V30066.D
80 =V30067.D 120 =V30068.D 160 =V30069.D

		Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30 1,4-Dichlorobenz	ISTD							
2)	TC	E600 Benzaldehyde	1.655	1.547	1.524	1.530	1.431	1.367	1.509	6.59#
3)		E145 Acetophenone	2.591	2.470	2.329	2.323	2.211	2.080	2.334	7.76
4)	I	CI40 Naphthalene-d8	ISTD							
5)		E655 Caprolactam	0.070	0.111	0.116	0.126	0.129	0.127	-----	
								L	M= 0.131 R=0.999	
									B= -0.012	
6)		E195 1,2,4,5-Tetra	0.413	0.381	0.377	0.362	0.358	0.347	0.373	6.25
7)	I	CI50 Acenaphthene-d10	ISTD							
8)		C811 1,1'-Biphenyl	1.889	1.755	1.691	1.603	1.492	1.428	1.643	10.40
9)		E230 2,3,4,6-Tetrac	0.217	0.263	0.294	0.310	0.305	0.310	0.283	13.05
10)	I	CI60 Phenanthrene-d10	ISTD							
11)		E510 Atrazine	0.256	0.250	0.218	0.216	0.218	0.202	0.226	9.37
12)	I	CI70 Chrysene-d12	ISTD							
13)	I	CI75 Perylene-d12	ISTD							

Total Average %RSD 8.91

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 07/29/2008
Time: 19:49:37

ICC Profile

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500
CCC Conc: 50.00

QC Approver: PM
QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310 131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320 208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330 606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340 99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350 83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360 51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370 100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380 132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390 121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400 84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410 7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420 86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430 100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440 534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450 86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460 101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470 118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480 87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490 85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500 120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510 84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520 206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530 129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540 85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550 91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560 56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570 218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580 117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590 117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600 205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610 207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620 50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630 193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640 53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650 191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660 4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670 321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690 SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700 367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710 118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720 SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730 SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740 SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750 1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770 198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780 SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781 87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782 634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783 87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785 95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786 122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787 108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788 99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789 99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790 634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791 123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792 100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793 130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794 90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795 90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796 832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797 134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798 490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799 58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801 935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802 933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803 236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805 576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806 61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807 634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808 554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810 95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811 583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812 19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813 87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814 2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815 118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816 581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817 53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818 95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819 109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820 497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821 91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822 109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823 88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824 119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825 119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826 609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827 95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828 95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829 95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830 591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831 108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832 3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833 542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834 626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835 56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836 108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837 101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838 92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839 106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840 4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841 56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842 99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843 57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844 98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845 62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846 140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847 103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848 103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849 108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850 92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851 192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852 92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853 124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854 128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855 57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856 510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857 2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858 192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859 189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860 320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861 109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862 60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863 117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864 120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865 124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866 122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867 298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868 DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869 62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870 107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871 52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872 70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873 1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874 465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875 28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876 120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877 143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878 91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879 66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880 298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881 68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882 121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883 924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884 55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885 62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886 10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887 59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888 100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889 930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890 126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891 95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRO EOITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter		ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

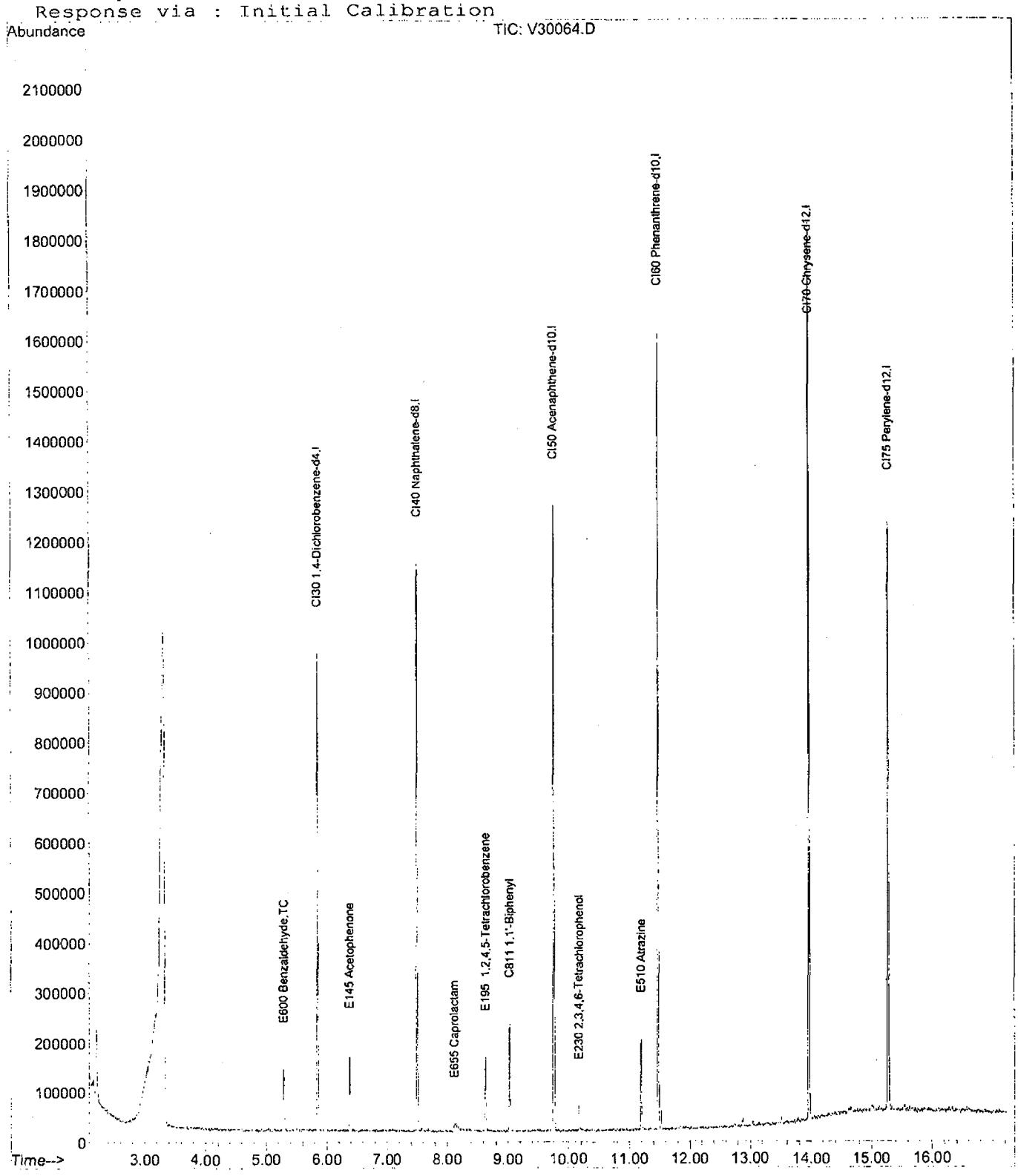
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072908\V30064.D
Acq On : 29 Jul 2008 9:15
Sample : SSTD005
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:38 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\072908\V30064.D
Acq On : 29 Jul 2008 9:15
Sample : SSTD005
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:33:46 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	157522	40.00	ng	0.00 99.55%
4) CI40 Naphthalene-d8	7.50	136	548813	40.00	ng	0.00 98.21%
7) CI50 Acenaphthene-d10	9.76	164	314605	40.00	ng	0.00 97.56%
10) CI60 Phenanthrene-d10	11.48	188	605971	40.00	ng	0.00 95.57%
12) CI70 Chrysene-d12	13.96	240	629506	40.00	ng	0.00 92.76%
13) CI75 Perylene-d12	15.28	264	499001	40.00	ng	0.00 91.88%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.29	77	32578	5.48	ng	85
3) E145 Acetophenone	6.38	105	51012	5.55	ng	94
5) E655 Caprolactam	8.12	113	4777m	3.34	ng	# 67
6) E195 1,2,4,5-Tetrachlorob	8.63	216	28350	5.54	ng	90
8) C811 1,1'-Biphenyl	9.03	154	74272	5.75	ng	94
9) E230 2,3,4,6-Tetrachloroph	10.17	232	8515	3.83	ng	85
11) E510 Atrazine	11.20	200	19366	5.65	ng	89

(#) = qualifier out of range (m) = manual integration

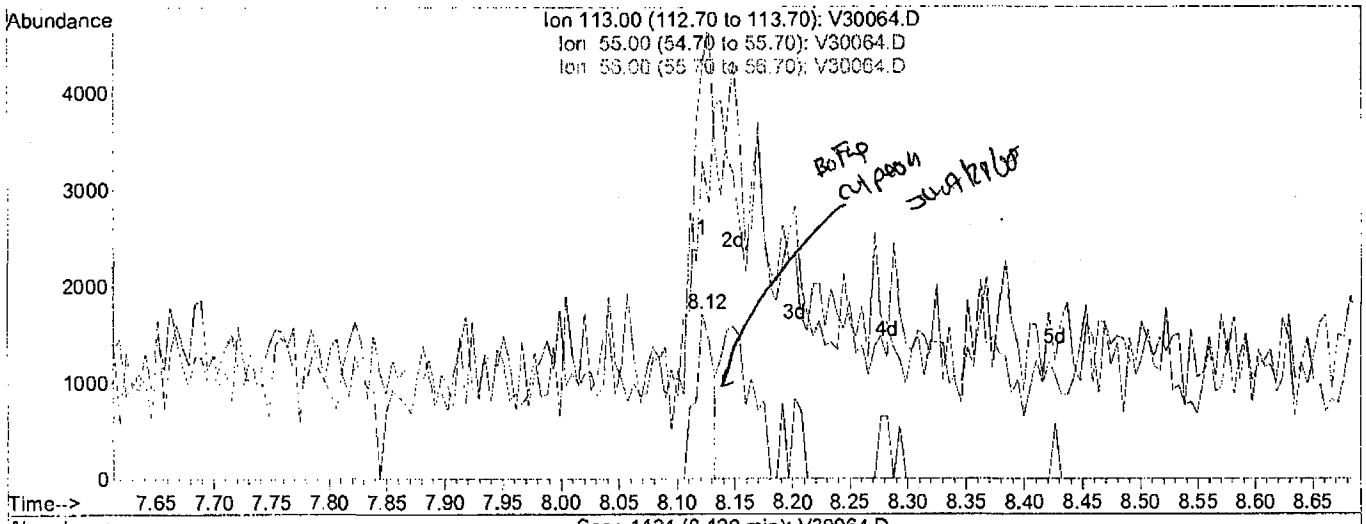
Quantitation Report (Qedit)

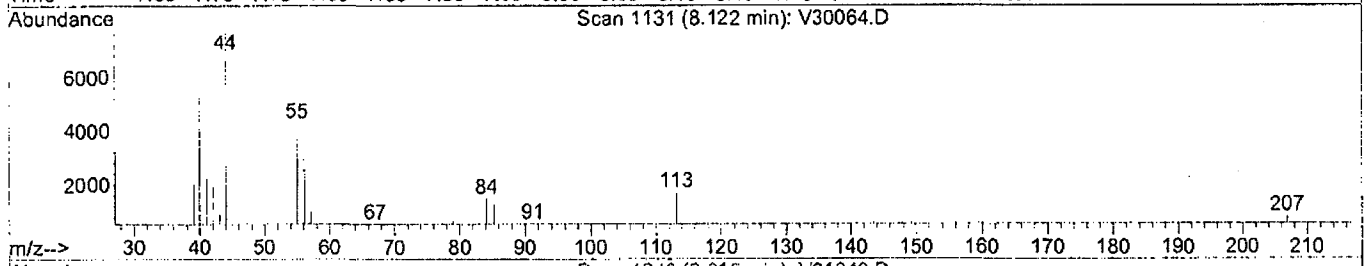
Data File : D:\DATA\072908\V30064.D
Acq On : 29 Jul 2008 9:15
Sample : SSTD005
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:33 2008

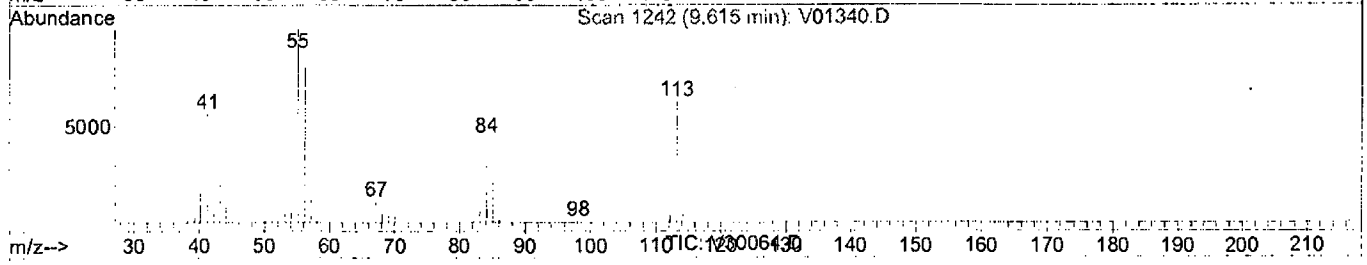
Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Multiple Level Calibration







(5) E655 Caprolactam

8.12min 1.29ng

response 1842

Ion	Exp%	Act%
113.00	100	100
55.00	147.30	200.23#
56.00	106.00	127.37#
0.00	0.00	0.00

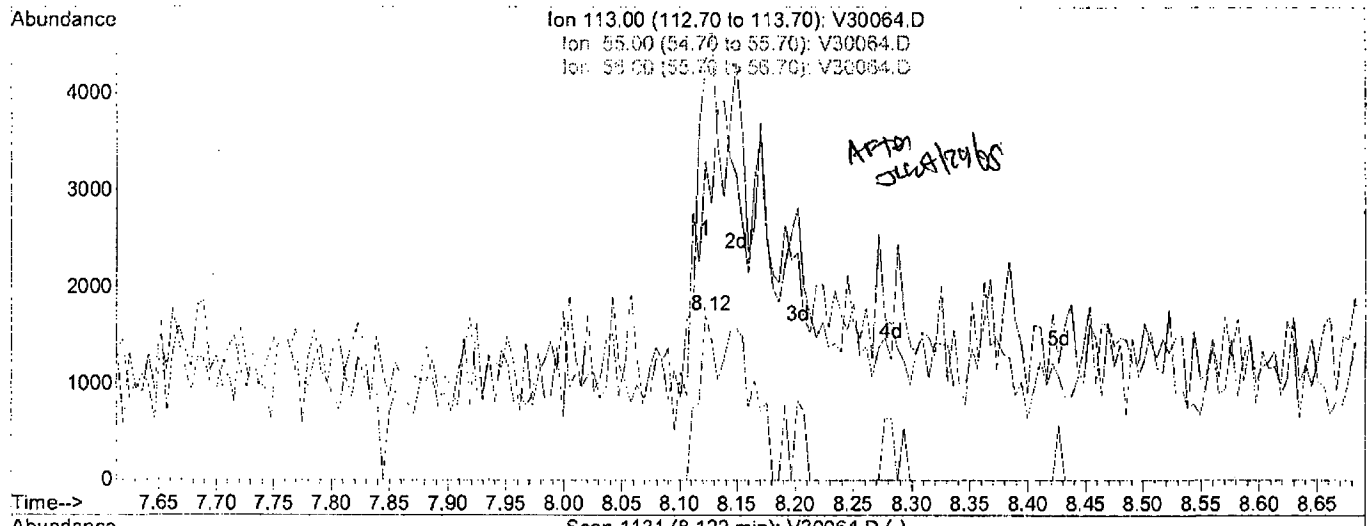
8/1/08

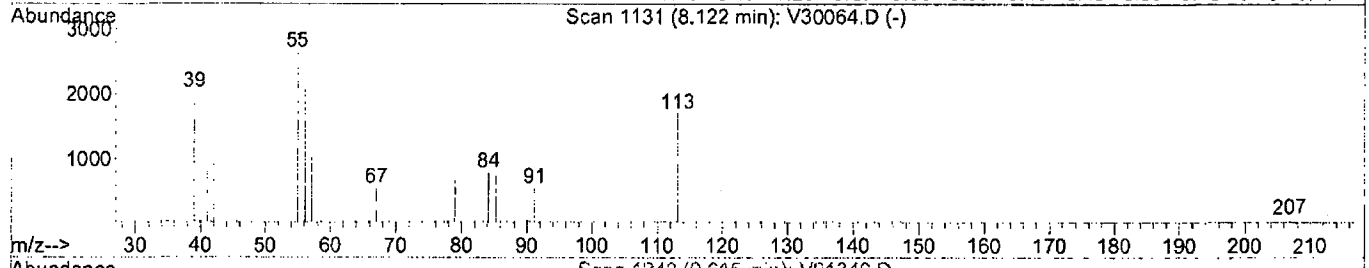
Quantitation Report (Qedit)

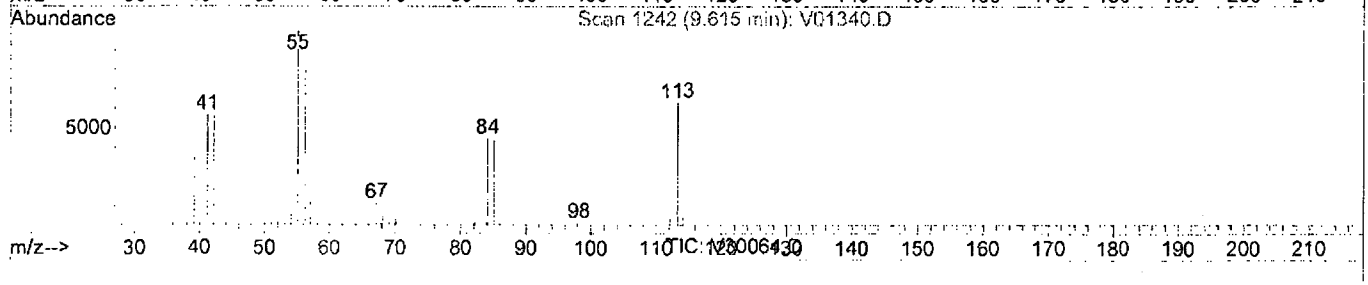
Data File : D:\DATA\072908\V30064.D
Acq On : 29 Jul 2008 9:15
Sample : SSTD005
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:38 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Multiple Level Calibration







(5) E655 Caprolactam

8.12min 3.34ng m

response 4777

Ion	Exp%	Act%
113.00	100	100
55.00	147.30	250.00#
56.00	106.00	192.75#
0.00	0.00	0.00

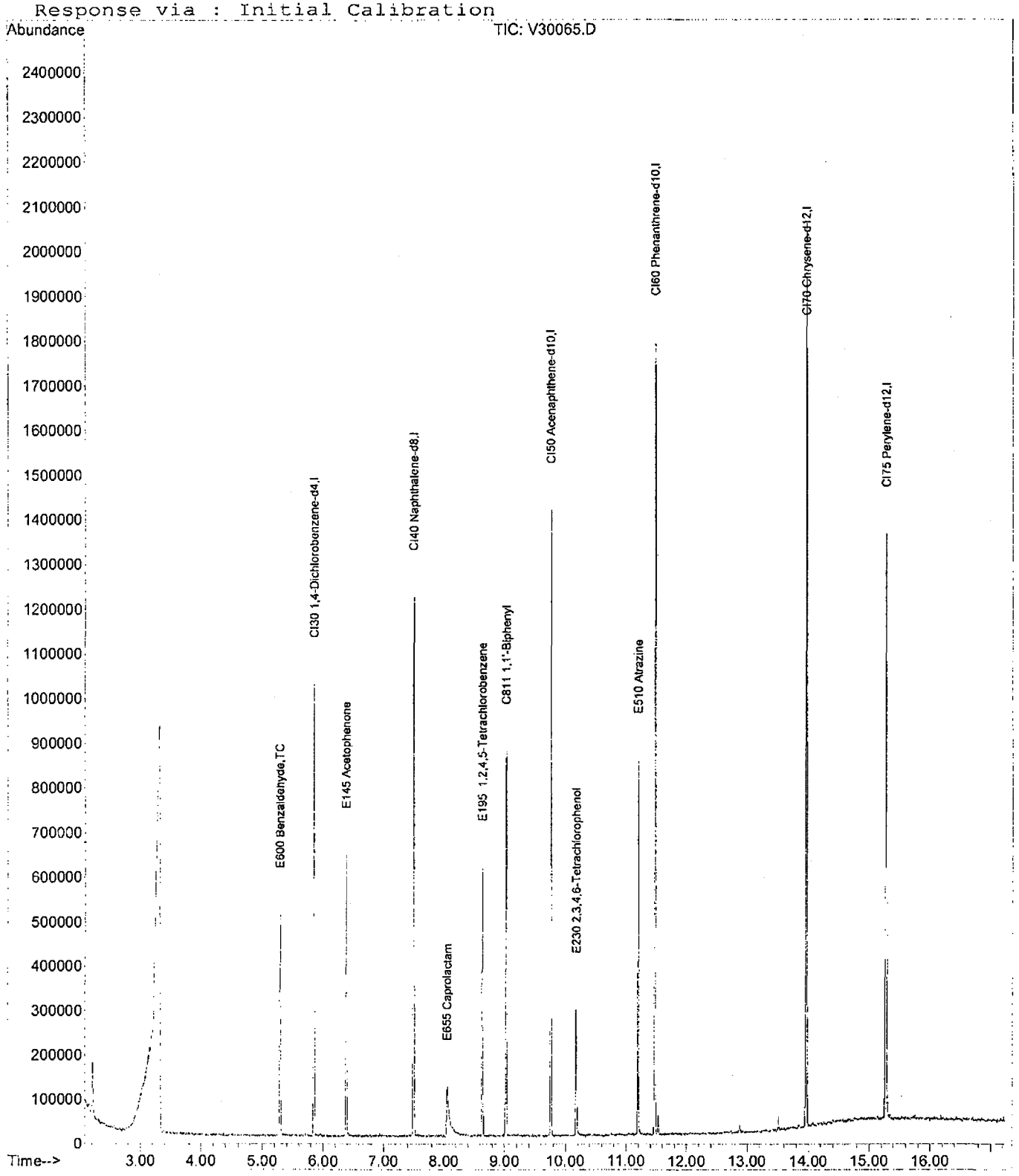
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072908\V30065.D
Acq On : 29 Jul 2008 9:37
Sample : SSTD020
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:33 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\072908\V30065.D
Acq On : 29 Jul 2008 9:37
Sample : SSTD020
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:33:55 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	165651	40.00	ng	0.00 104.69%
4) CI40 Naphthalene-d8	7.50	136	581389	40.00	ng	0.00 104.04%
7) CI50 Acenaphthene-d10	9.76	164	341562	40.00	ng	0.00 105.92%
10) CI60 Phenanthrene-d10	11.47	188	661767	40.00	ng	0.00 104.37%
12) CI70 Chrysene-d12	13.96	240	700358	40.00	ng	0.00 103.20%
13) CI75 Perylene-d12	15.28	264	559737	40.00	ng	0.00 103.06%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.29	77	128151	20.51	ng	93
3) E145 Acetophenone	6.38	105	204547	21.16	ng	95
5) E655 Caprolactam	8.06	113	32191	21.25	ng	# 38
6) E195 1,2,4,5-Tetrachlorob	8.63	216	110849	20.44	ng	94
8) C811 1,1'-Biphenyl	9.03	154	299720	21.36	ng	94
9) E230 2,3,4,6-Tetrachloroph	10.17	232	44964	18.61	ng	90
11) E510 Atrazine	11.20	200	82629	22.06	ng	95

(#) = qualifier out of range (m) = manual integration

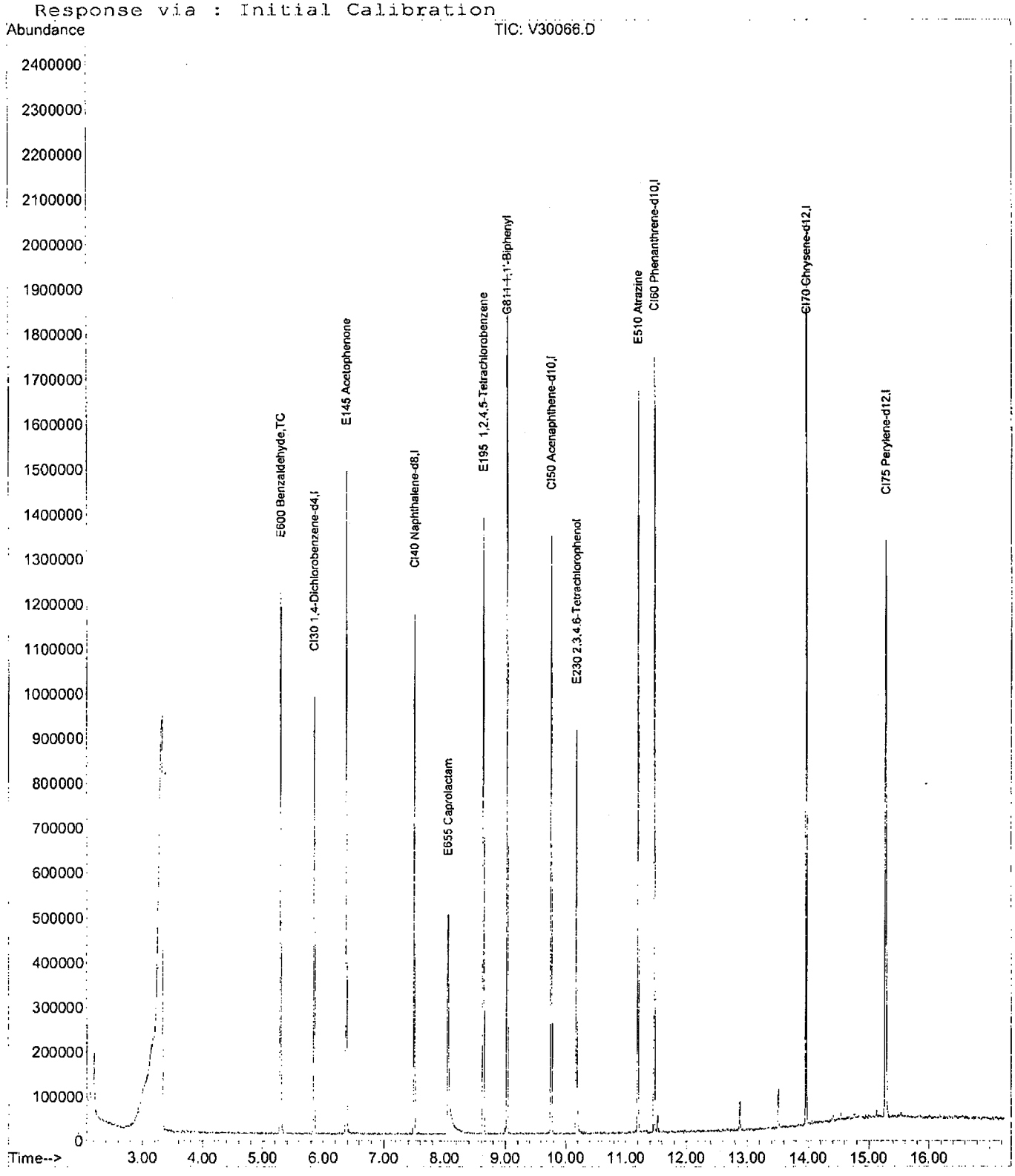
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072908\V30066.D
Acq On : 29 Jul 2008 10:01
Sample : SSTD050
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\072908\V30066.D
Acq On : 29 Jul 2008 10:01
Sample : SSTD050
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34:14 2008

Vial: 4
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	158235	40.00	ng	0.00 100.00%
4) CI40 Naphthalene-d8	7.50	136	558802	40.00	ng	0.00 100.00%
7) CI50 Acenaphthene-d10	9.76	164	322471	40.00	ng	0.00 100.00%
10) CI60 Phenanthrene-d10	11.47	188	634059	40.00	ng	0.00 100.00%
12) CI70 Chrysene-d12	13.96	240	678638	40.00	ng	0.00 100.00%
13) CI75 Perylene-d12	15.27	264	543118	40.00	ng	0.00 100.00%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.29	77	301371	50.49	ng	90
3) E145 Acetophenone	6.38	105	460724	49.90	ng	92
5) E655 Caprolactam	8.05	113	81029	55.65	ng	# 42
6) E195 1,2,4,5-Tetrachlorob	8.63	216	263598	50.56	ng	94
8) C811 1,1'-Biphenyl	9.03	154	681715	51.47	ng	96
9) E230 2,3,4,6-Tetrachloroph	10.17	232	118397	51.91	ng	87
11) E510 Atrazine	11.20	200	172491	48.06	ng	96

(#) = qualifier out of range (m) = manual integration

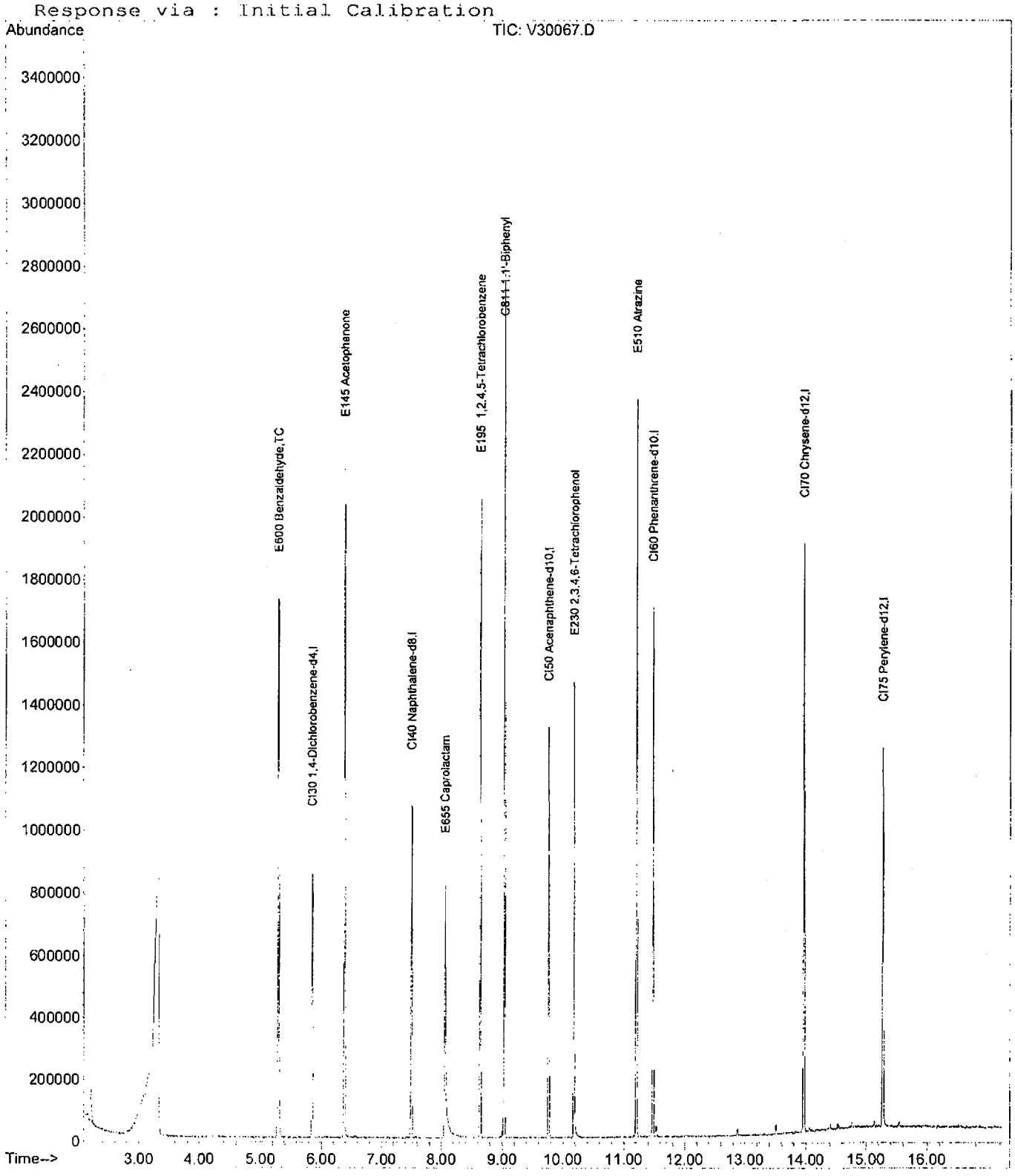
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072908\V30067.D
Acq On : 29 Jul 2008 10:23
Sample : SSTD080
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34 2008

Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\072908\V30067.D
Acq On : 29 Jul 2008 10:23
Sample : SSTD080
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34:21 2008

Vial: 5
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	144829	40.00	ng		0.00 91.53%
4) CI40 Naphthalene-d8	7.50	136	519795	40.00	ng		0.00 93.02%
7) CI50 Acenaphthene-d10	9.76	164	305753	40.00	ng		0.00 94.82%
10) CI60 Phenanthrene-d10	11.47	188	601280	40.00	ng		0.00 94.83%
12) CI70 Chrysene-d12	13.96	240	634102	40.00	ng		0.00 93.44%
13) CI75 Perylene-d12	15.28	264	511255	40.00	ng		0.00 94.13%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.29	77	443168	81.12	ng		87
3) E145 Acetophenone	6.38	105	673001	79.64	ng		88
5) E655 Caprolactam	8.06	113	130722	96.52	ng	#	57
6) E195 1,2,4,5-Tetrachlorob	8.63	216	375982	77.54	ng		91
8) C811 1,1'-Biphenyl	9.03	154	980159	78.05	ng		96
9) E230 2,3,4,6-Tetrachloroph	10.17	232	189454	87.60	ng		95
11) E510 Atrazine	11.20	200	259372	76.20	ng		99

(#) = qualifier out of range (m) = manual integration

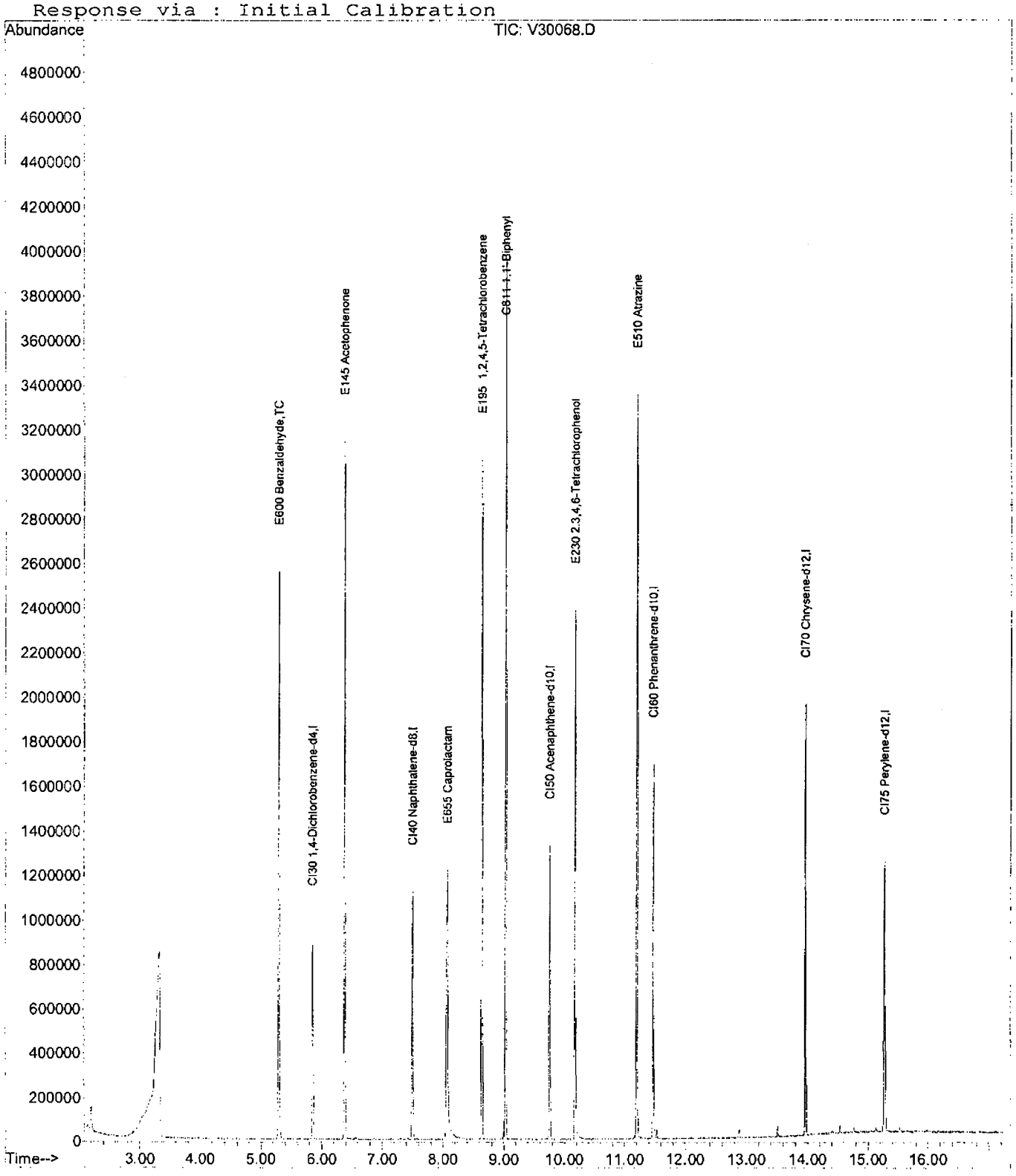
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072908\V30068.D
Acq On : 29 Jul 2008 10:46
Sample : SSTD120
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:35 2008

Vial: 6
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\072908\V30068.D
Acq On : 29 Jul 2008 10:46
Sample : SSTD120
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34:28 2008

Vial: 6
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	152000	40.00	ng	0.00 96.06%
4) CI40 Naphthalene-d8	7.50	136	533465	40.00	ng	0.00 95.47%
7) CI50 Acenaphthene-d10	9.76	164	323888	40.00	ng	0.00 100.44%
10) CI60 Phenanthrene-d10	11.47	188	610033	40.00	ng	0.00 96.21%
12) CI70 Chrysene-d12	13.96	240	648597	40.00	ng	0.00 95.57%
13) CI75 Perylene-d12	15.27	264	540596	40.00	ng	0.00 99.54%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.30	77	652353	113.77	ng	91
3) E145 Acetophenone	6.38	105	1008369	113.69	ng	88
5) E655 Caprolactam	8.07	113	205866m	148.11	ng	# 40
6) E195 1,2,4,5-Tetrachlorob	8.63	216	573016	115.14	ng	94
8) C811 1,1'-Biphenyl	9.03	154	1449641	108.97	ng	95
9) E230 2,3,4,6-Tetrachloroph	10.17	232	296080	129.23	ng	90
11) E510 Atrazine	11.20	200	398227	115.32	ng	98

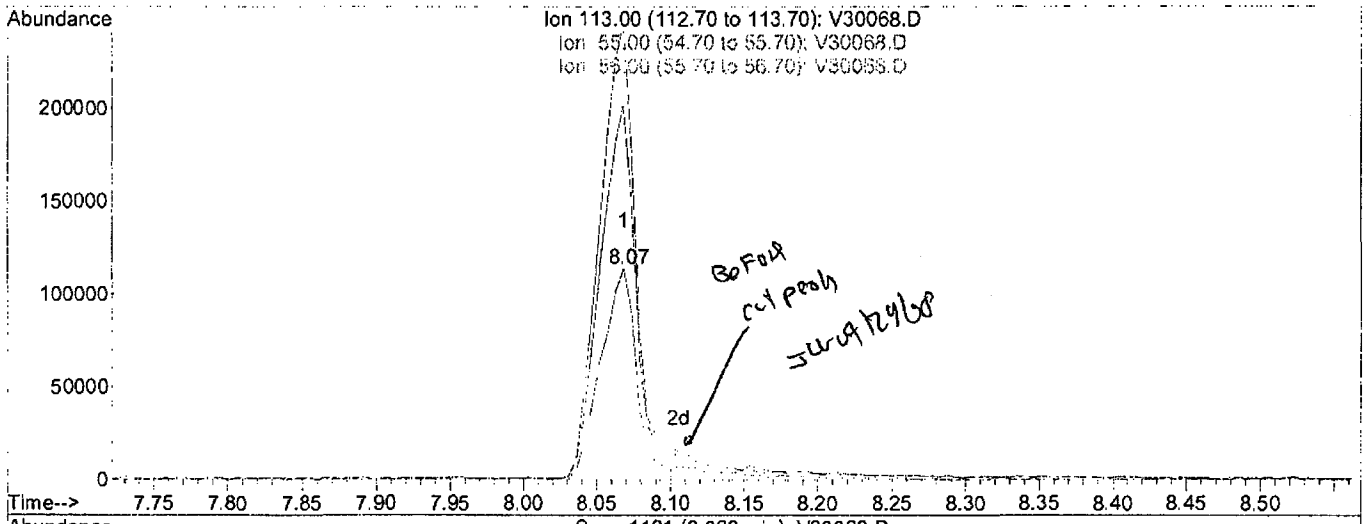
(#) = qualifier out of range (m) = manual integration

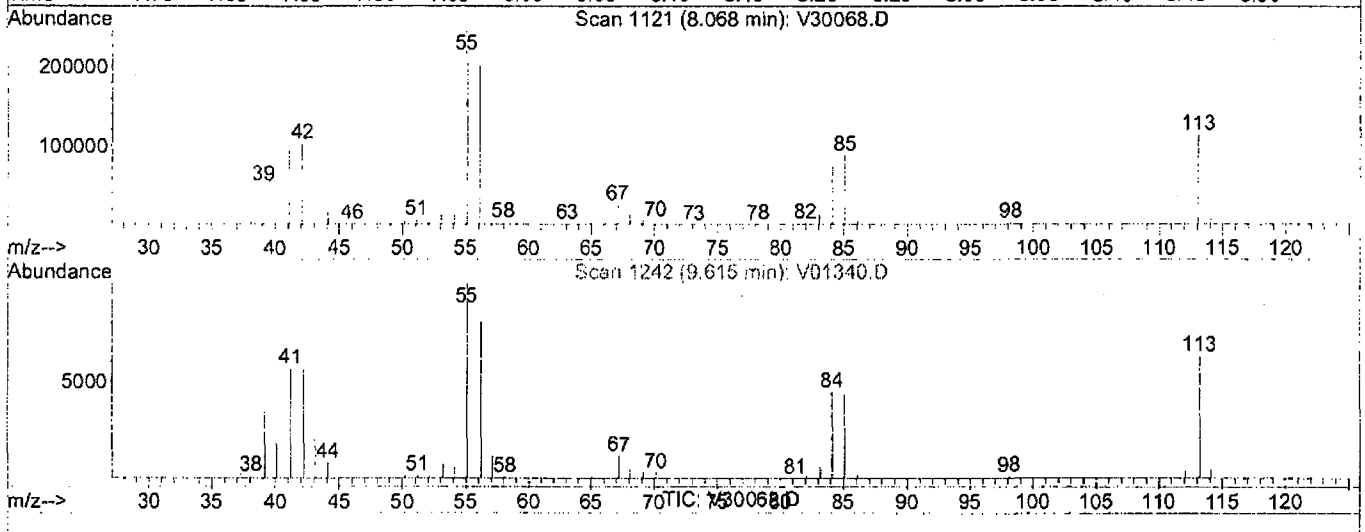
Quantitation Report (Qedit)

Data File : D:\DATA\072908\V30068.D
Acq On : 29 Jul 2008 10:46
Sample : SSTD120
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34 2008

Vial: 6
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Multiple Level Calibration





(5) E655 Caprolactam

8.07min 136.83ng

response 190182

Ion	Exp%	Act%
113.00	100	100
55.00	147.30	215.04#
56.00	106.00	176.17#
0.00	0.00	0.00

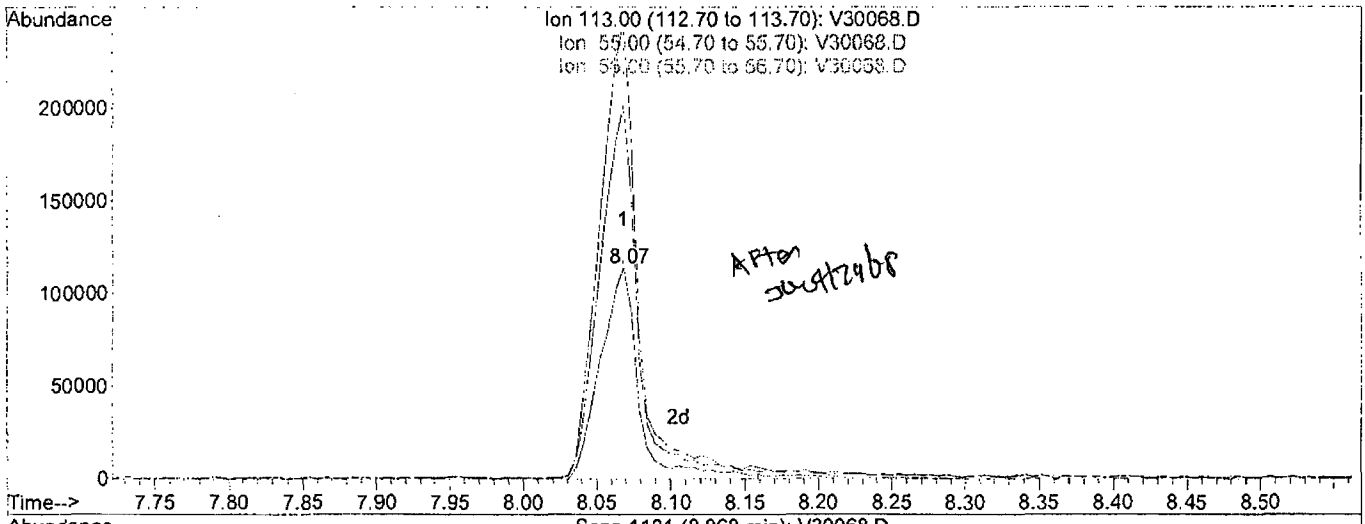
Quantitation Report (Qedit)

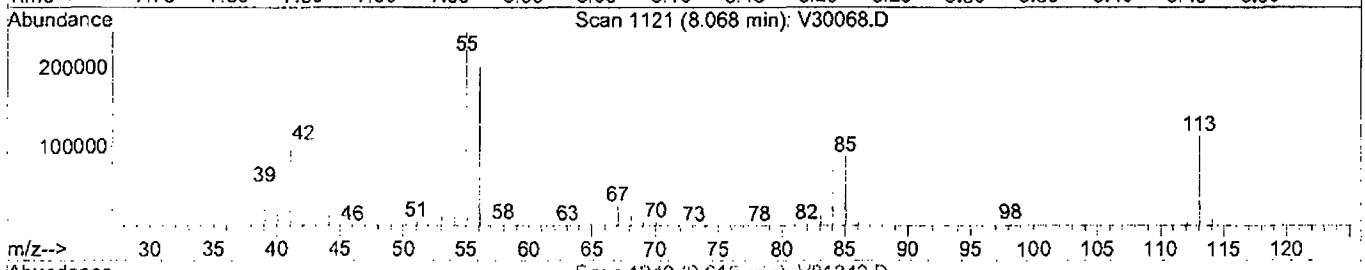
Data File : D:\DATA\072908\V30068.D
Acq On : 29 Jul 2008 10:46
Sample : SSTD120
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:35 2008

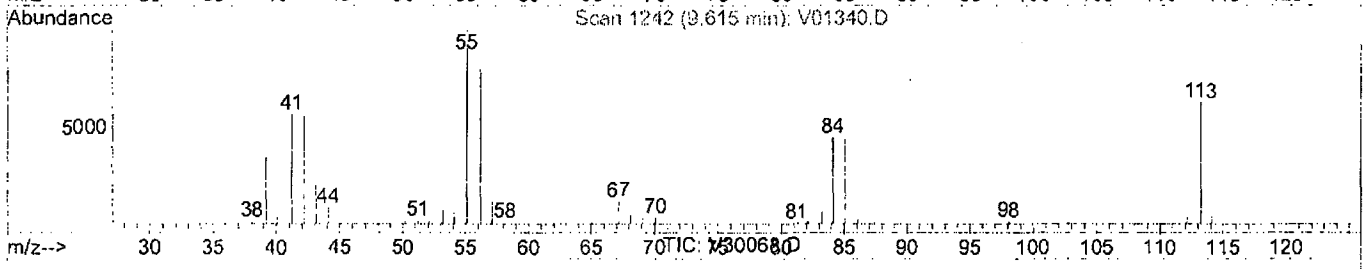
Vial: 6
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Multiple Level Calibration







(5) E655 Caprolactam

8.07min 148.11ng m

response 205866

Ion	Exp%	Act%
113.00	100	100
55.00	147.30	215.53#
56.00	106.00	176.86#
0.00	0.00	0.00

8/1/08

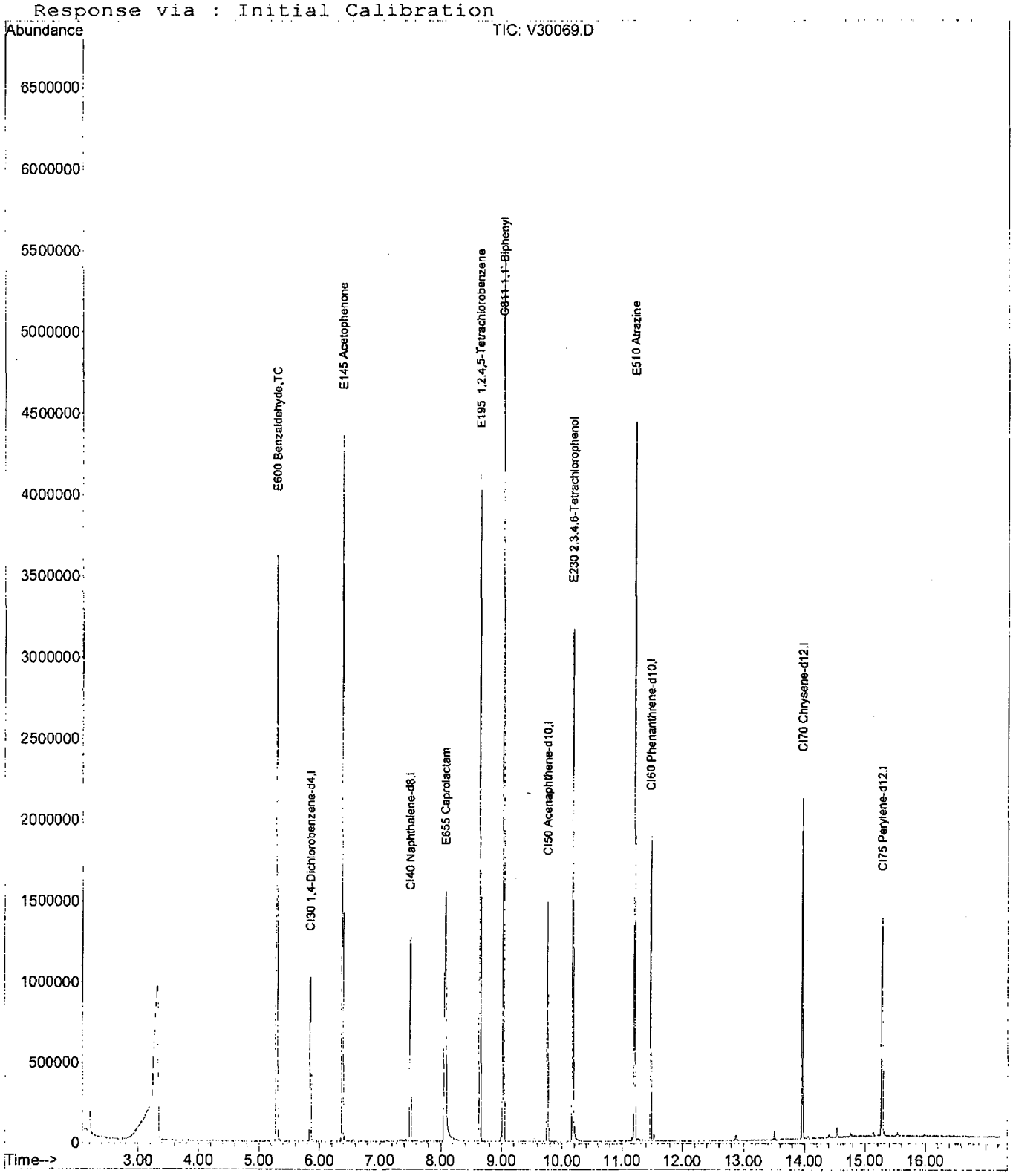
Quantitation Report (QT Reviewed)

Data File : D:\DATA\072908\V30069.D
Acq On : 29 Jul 2008 11:15
Sample : SSTD160
Misc : TCLADDS (5-27-08)
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34 2008

Vial: 7
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\072908\V30069.D Vial: 7
Acq On : 29 Jul 2008 11:15 Operator: JLG
Sample : SSTD160 Inst : HP5973V
Misc : TCLADDS (5-27-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 16:34:35 2008 Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jul 29 16:33:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	174030	40.00	ng		0.00 109.98%
4) CI40 Naphthalene-d8	7.50	136	595532	40.00	ng		0.00 106.57%
7) CI50 Acenaphthene-d10	9.76	164	354970	40.00	ng		0.00 110.08%
10) CI60 Phenanthrene-d10	11.47	188	687879	40.00	ng		0.00 108.49%
12) CI70 Chrysene-d12	13.96	240	723016	40.00	ng		0.00 106.54%
13) CI75 Perylene-d12	15.27	264	588940	40.00	ng		0.00 108.44%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.29	77	951882	145.00	ng		89
3) E145 Acetophenone	6.38	105	1447681	142.56	ng		89
5) E655 Caprolactam	8.07	113	302898	195.21	ng	#	40
6) E195 1,2,4,5-Tetrachlorob	8.64	216	827296	148.91	ng		98
8) C811 1,1'-Biphenyl	9.03	154	2027103	139.04	ng		96
9) E230 2,3,4,6-Tetrachloroph	10.18	232	439573	175.07	ng		97
11) E510 Atrazine	11.21	200	556503	142.92	ng		98

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000579-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973V Calibration Dates(s): 08/05/2008 08/05/2008

Calibration Times: 08:35 10:45

Lab File ID: RRF5 = V30373.RR RRF20 = V30374.RR RRF50 = V30372.RR
RRF80 = V30375.RR RRF120 = V30376.RR RRF160 = V30377.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD	
Phenol	*	2.267	2.090	2.260	2.154	1.995	2.122	2.1480	4.800	*
Bis(2-chloroethyl) ether		1.786	1.717	1.835	1.741	1.615	1.735	1.7380	4.200	
2-Chlorophenol		1.520	1.343	1.502	1.454	1.335	1.415	1.4280	5.500	
2-Methylphenol		1.375	1.310	1.439	1.358	1.278	1.371	1.3550	4.100	
2,2'-Oxybis(1-Chloropropane		3.569	3.481	3.602	3.527	3.182	3.307	3.4450	4.800	
4-Methylphenol		1.423	1.354	1.535	1.454	1.354	1.449	1.4280	4.800	
N-Nitroso-Di-n-propylamine	#	1.271	1.236	1.387	1.314	1.248	1.295	1.2920	4.200	#
Hexachloroethane		0.773	0.713	0.727	0.716	0.663	0.715	0.7180	4.900	
Nitrobenzene		0.610	0.570	0.567	0.572	0.512	0.567	0.5660	5.500	
Isophorone		0.916	0.917	0.956	0.962	0.855	0.961	0.9280	4.500	
2-Nitrophenol	*	0.149	0.176	0.197	0.192	0.179	0.205	0.1830	10.800	*
2,4-Dimethylphenol		0.430	0.457	0.470	0.471	0.430	0.479	0.4560	4.700	
Bis(2-chloroethoxy) methane		0.591	0.549	0.560	0.551	0.489	0.547	0.5480	6.000	
2,4-Dichlorophenol	*	0.333	0.329	0.329	0.326	0.290	0.324	0.3220	4.900	*
Naphthalene		1.188	1.134	1.106	1.097	0.952	1.059	1.0890	7.400	
4-Chloroaniline		0.429	0.463	0.471	0.446	0.409	0.458	0.4460	5.200	
Hexachlorobutadiene	*	0.310	0.279	0.266	0.268	0.249	0.280	0.2750	7.500	*
4-Chloro-3-methylphenol	*	0.361	0.369	0.401	0.401	0.365	0.406	0.3840	5.400	*
2-Methylnaphthalene		0.748	0.711	0.716	0.697	0.638	0.711	0.7030	5.100	
Hexachlorocyclopentadiene	#	0.391	0.456	0.490	0.522	0.506	0.565	0.4880	12.200	#
2,4,6-Trichlorophenol	*	0.358	0.389	0.412	0.419	0.400	0.455	0.4060	8.000	*
2,4,5-Trichlorophenol		0.412	0.434	0.453	0.449	0.428	0.487	0.4440	5.800	
2-Chloronaphthalene		1.366	1.232	1.244	1.216	1.106	1.230	1.2320	6.700	
2-Nitroaniline		0.462	0.513	0.571	0.579	0.543	0.588	0.5430	8.800	
Dimethyl phthalate		1.468	1.449	1.468	1.441	1.327	1.479	1.4390	3.900	
Acenaphthylene		2.101	2.061	2.070	2.035	1.840	2.049	2.0260	4.600	
2,6-Dinitrotoluene		0.243	0.284	0.314	0.317	0.294	0.333	0.2970	10.700	
3-Nitroaniline		0.371	0.396	0.420	0.423	0.392	0.444	0.4080	6.500	
Acenaphthene	*	1.339	1.279	1.259	1.242	1.143	1.259	1.2530	5.100	*
2,4-Dinitrophenol	#	0.071	0.102	0.145	0.158	0.175	0.208	0.1430	34.600	#
4-Nitrophenol	#	0.185	0.269	0.326	0.348	0.334	0.372	0.3060	22.200	#
Dibenzofuran		2.046	1.923	1.842	1.820	1.637	1.801	1.8450	7.400	
2,4-Dinitrotoluene		0.361	0.391	0.430	0.438	0.396	0.442	0.4100	7.800	
Diethyl phthalate		1.557	1.589	1.564	1.552	1.414	1.554	1.5380	4.000	
4-Chlorophenyl phenyl ether		0.844	0.810	0.783	0.792	0.714	0.794	0.7890	5.400	
Fluorene		1.613	1.523	1.524	1.504	1.350	1.509	1.5040	5.700	
4-Nitroaniline		0.302	0.335	0.362	0.363	0.325	0.364	0.3420	7.400	

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000579-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973V Calibration Dates(s): 08/05/2008 08/05/2008

Calibration Times: 08:35 10:45

Lab File ID: RRF5 = V30373.RR RRF20 = V30374.RR RRF50 = V30372.RR
RRF80 = V30375.RR RRF120 = V30376.RR RRF160 = V30377.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD	
4,6-Dinitro-2-methylphenol		0.055	0.072	0.101	0.102	0.098	0.118	0.0910	25.300	
N-nitrosodiphenylamine	*	0.494	0.496	0.506	0.494	0.434	0.497	0.4870	5.400	*
4-Bromophenyl phenyl ether		0.197	0.194	0.199	0.193	0.177	0.204	0.1940	4.700	
Hexachlorobenzene		0.221	0.195	0.194	0.197	0.179	0.208	0.1990	7.100	
Pentachlorophenol	*	0.044	0.076	0.110	0.109	0.109	0.128	0.0960	31.900	*
Phenanthrene		1.092	1.033	1.017	0.972	0.841	0.958	0.9850	8.600	
Anthracene		1.119	1.066	1.060	1.022	0.878	0.982	1.0210	8.200	
Di-n-butyl phthalate		1.174	1.202	1.176	1.156	1.018	1.148	1.1460	5.700	
Fluoranthene	*	1.386	1.311	1.287	1.243	1.085	1.237	1.2580	8.000	*
Pyrene		1.484	1.375	1.348	1.328	1.175	1.310	1.3370	7.500	
Butyl benzyl phthalate		0.553	0.578	0.604	0.594	0.523	0.591	0.5740	5.300	
3,3'-Dichlorobenzidine		0.376	0.391	0.459	0.455	0.399	0.461	0.4240	9.200	
Benzo(a)anthracene		1.378	1.266	1.250	1.245	1.098	1.245	1.2470	7.100	
Chrysene		1.401	1.260	1.264	1.177	1.054	1.181	1.2230	9.500	
Bis(2-ethylhexyl) phthalate		0.822	0.801	0.819	0.804	0.709	0.804	0.7930	5.300	
Di-n-octyl phthalate	*	1.232	1.314	1.480	1.431	1.260	1.384	1.3500	7.300	*
Benzo(b)fluoranthene		1.626	1.553	1.400	1.466	1.381	1.446	1.4790	6.300	
Benzo(k)fluoranthene		1.430	1.428	1.508	1.386	1.127	1.322	1.3670	9.700	
Benzo(a)pyrene	*	1.316	1.308	1.298	1.301	1.179	1.296	1.2830	4.000	*
Indeno(1,2,3-cd)pyrene		1.416	1.377	1.423	1.441	1.451	1.642	1.4590	6.400	
Dibenzo(a,h)anthracene		1.164	1.155	1.216	1.257	1.234	1.400	1.2380	7.200	
Benzo(ghi)perylene		1.263	1.133	1.202	1.180	1.201	1.340	1.2200	5.900	
Carbazole		1.065	0.995	1.043	0.974	0.863	0.980	0.9870	7.100	
Nitrobenzene-D5		0.495	0.520	0.519	0.524	0.482	0.534	0.5120	3.800	
2-Fluorobiphenyl		1.630	1.531	1.506	1.485	1.362	1.495	1.5020	5.700	
p-Terphenyl-d14		0.903	0.903	0.930	0.932	0.829	0.937	0.9060	4.500	
Phenol-D5		1.969	1.808	2.038	1.968	1.863	1.965	1.9350	4.300	
2-Fluorophenol		1.534	1.448	1.563	1.545	1.416	1.538	1.5070	4.000	
2,4,6-Tribromophenol		0.076	0.080	0.083	0.084	0.081	0.093	0.0830	7.000	

Comments:

Response Factor Report HP5973V

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:14:49 2008
Response via : Initial Calibration

Calibration Files
5 =V30373.D 20 =V30374.D 50 =V30372.D
80 =V30375.D 120 =V30376.D 160 =V30377.D

			Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	ISTD							
2)	T	C705	n-nitrosodidim	1.095	1.146	1.285	1.283	1.139	1.226	1.195	6.72
3)	S	CS50	2-Fluorophenol	1.534	1.448	1.563	1.545	1.416	1.537	1.507	3.98
4)	T	C325	bis(2-Chloroet	1.786	1.717	1.835	1.741	1.615	1.735	1.738	4.25
5)	S	CS45	Phenol-d5	1.969	1.808	2.038	1.968	1.863	1.965	1.935	4.33
6)	S	CS70	2-chlorophenol	1.433	1.336	1.436	1.380	1.302	1.396	1.381	3.86
7)	MC	C315	Phenol	2.267	2.090	2.260	2.154	1.995	2.122	2.148	4.85
8)	M	C330	2-Chlorophenol	1.520	1.343	1.502	1.454	1.335	1.415	1.428	5.48
9)	T	C320	aniline	2.717	2.666	2.819	2.640	2.438	2.633	2.652	4.73
10)	T	C335	1,3-Dichlorobe	1.689	1.582	1.583	1.553	1.434	1.544	1.564	5.26
11)	MC	C340	1,4-Dichlorobe	1.675	1.586	1.611	1.559	1.414	1.538	1.564	5.59
12)	S	CS75	1,2-dichlorobe	1.002	0.901	0.918	0.887	0.800	0.900	0.901	7.19
13)	T	C350	1,2-Dichlorobe	1.586	1.457	1.507	1.398	1.305	1.402	1.443	6.75
14)	T	C345	Benzyl alcohol	0.951	0.913	1.057	1.005	0.942	1.001	0.978	5.38
15)	T	C360	bis(2-chlorois	3.569	3.481	3.601	3.527	3.182	3.307	3.445	4.79
16)	T	C355	2-Methylphenol	1.375	1.310	1.439	1.358	1.278	1.370	1.355	4.13
17)	T	C375	Hexachloroetha	0.773	0.713	0.727	0.716	0.663	0.715	0.718	4.89
18)	M	C370	N-Nitroso-di-n	1.271	1.236	1.387	1.314	1.248	1.295	1.292	4.24
19)	T	C365	4-Methylphenol	1.423	1.354	1.535	1.454	1.354	1.449	1.428	4.81
20)	I	CI40	Naphthalene-d8	ISTD							
21)	S	CS20	Nitrobenzene-d	0.495	0.519	0.519	0.524	0.482	0.534	0.512	3.80
22)	T	C410	Nitrobenzene	0.610	0.570	0.567	0.572	0.512	0.567	0.566	5.52
23)	T	C415	Isophorone	0.916	0.917	0.956	0.962	0.855	0.961	0.928	4.48
24)	T	C430	benzoic acid	0.160	0.177	0.208	0.218	0.215	0.258	-----	
								L	M= 0.269 B= -0.276	R=0.988	
25)	TC	C420	2-Nitrophenol	0.149	0.176	0.197	0.192	0.179	0.205	0.183	10.77
26)	T	C425	2,4-Dimethylph	0.430	0.457	0.470	0.471	0.430	0.479	0.456	4.75
27)	T	C435	bis(2-Chloroet	0.591	0.549	0.560	0.551	0.489	0.547	0.548	6.05
28)	T	C440	2,4-Dichloroph	0.333	0.328	0.329	0.326	0.290	0.324	0.322	4.91
29)	M	C445	1,2,4-Trichlor	0.362	0.359	0.367	0.361	0.328	0.360	0.356	3.98
30)	T	C450	Naphthalene	1.188	1.134	1.106	1.097	0.952	1.059	1.089	7.35
31)	T	C455	4-Chloroanilin	0.428	0.463	0.471	0.445	0.409	0.458	0.446	5.25
32)	TC	C460	Hexachlorobuta	0.310	0.279	0.266	0.268	0.248	0.280	0.275	7.49
33)	MC	C465	4-Chloro-3-met	0.361	0.369	0.401	0.400	0.364	0.406	0.384	5.45
34)	T	C470	2-Methylnaphth	0.748	0.711	0.716	0.697	0.638	0.711	0.703	5.15
35)	I	CI50	Acenaphthene-d10	ISTD							
36)	T	C510	Hexachlorocycl	0.391	0.456	0.490	0.522	0.506	0.565	0.488	12.23
37)	TC	C515	2,4,6-Trichlor	0.358	0.389	0.412	0.419	0.400	0.455	0.406	8.00
38)	T	C520	2,4,5-Trichlor	0.412	0.434	0.453	0.449	0.428	0.486	0.444	5.77
39)	S	CS25	2-Fluorobiphen	1.630	1.531	1.506	1.485	1.362	1.495	1.502	5.75
40)	T	C525	2-Chloronaphth	1.366	1.232	1.244	1.216	1.106	1.230	1.232	6.71
41)	T	C530	2-Nitroaniline	0.462	0.513	0.571	0.579	0.543	0.588	0.543	8.82
42)	M	C540	Acenaphthylene	2.101	2.061	2.070	2.035	1.840	2.049	2.026	4.63
43)	T	C535	Dimethylphthal	1.468	1.448	1.468	1.441	1.327	1.479	1.439	3.92
44)	T	C542	2,6-Dinitrotol	0.243	0.284	0.314	0.317	0.294	0.333	0.297	10.70
45)	TC	C550	Acenaphthene	1.339	1.279	1.259	1.242	1.143	1.259	1.253	5.08
46)	T	C545	3-Nitroaniline	0.371	0.396	0.420	0.423	0.392	0.444	0.408	6.47
47)	TC	C555	2,4-Dinitrophe	0.071	0.102	0.145	0.158	0.175	0.208	-----	
								L	M= 0.212 B= -0.071	R=0.984	
48)	T	C565	Dibenzofuran	2.046	1.923	1.842	1.820	1.637	1.801	1.845	7.36

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973V

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:14:49 2008
Response via : Initial Calibration

Calibration Files
5 =V30373.D 20 =V30374.D 50 =V30372.D
80 =V30375.D 120 =V30376.D 160 =V30377.D

			Compound	5	20	50	80	120	160	Avg	%RSD
49)	M	C570	2,4-Dinitrotol	0.361	0.391	0.430	0.438	0.396	0.442	0.410	7.86
50)	M	C560	4-Nitrophenol	0.185	0.269	0.326	0.348	0.334	0.372	-----	
								L	M= 0.375 R=0.996		
									B= -0.059		
51)	T	C590	Fluorene	1.613	1.523	1.524	1.504	1.350	1.509	1.504	5.68
52)	T	C585	4-Chlorophenyl	0.844	0.810	0.783	0.792	0.714	0.794	0.789	5.43
53)	T	C580	Diethylphthala	1.557	1.589	1.563	1.552	1.414	1.554	1.538	4.04
54)	T	C620	1,2 diphenylhy	1.981	1.961	1.913	1.902	1.671	1.843	1.878	5.98
55)	T	C595	4-Nitroaniline	0.302	0.335	0.362	0.363	0.325	0.364	0.342	7.45
56)	I	CI60	Phenanthrene-d10	----------	----------	----------	ISTD	----------	----------	----------	
57)	T	C610	4,6-Dinitro-2-	0.055	0.072	0.100	0.102	0.098	0.118	-----	
								L	M= 0.117 R=0.988		
									B= -0.023		
58)	TC	C615	n-Nitrosodiphe	0.494	0.496	0.506	0.494	0.434	0.497	0.487	5.45
59)	S	CS55	2,4,6-Tribromo	0.076	0.080	0.083	0.084	0.081	0.093	0.083	6.99
60)	T	C625	4-Bromophenyl-	0.197	0.194	0.199	0.193	0.177	0.204	0.194	4.69
61)	T	C630	Hexachlorobenz	0.221	0.195	0.194	0.197	0.179	0.208	0.199	7.11
62)	MC	C635	Pentachlorophe	0.044	0.076	0.110	0.109	0.109	0.128	-----	
								L	M= 0.129 R=0.989		
									B= -0.028		
63)	T	C640	Phenanthrene	1.092	1.033	1.017	0.972	0.841	0.958	0.985	8.66
64)	T	C645	Anthracene	1.119	1.066	1.060	1.022	0.878	0.982	1.021	8.19
65)	T	C647	carbazole	1.065	0.995	1.043	0.974	0.863	0.980	0.987	7.14
66)	T	C650	Di-n-butylphth	1.174	1.202	1.176	1.156	1.018	1.148	1.146	5.70
67)	TC	C655	Fluoranthene	1.386	1.311	1.287	1.243	1.085	1.237	1.258	7.98
68)	I	CI70	Chrysene-d12	----------	----------	----------	ISTD	----------	----------	----------	
69)	M	C715	Pyrene	1.484	1.375	1.348	1.328	1.175	1.310	1.337	7.50
70)	T	C710	benzidine	0.622	0.625	0.587	0.624	0.554	0.642	0.609	5.29
71)	S	CS30	Terphenyl-d14	0.903	0.903	0.930	0.932	0.829	0.937	0.906	4.48
72)	T	C720	Butylbenzylpht	0.553	0.578	0.604	0.594	0.523	0.591	0.574	5.31
73)	T	C725	3,3'-Dichlorob	0.376	0.391	0.459	0.455	0.399	0.461	0.424	9.21
74)	T	C730	Benzo[a]anthra	1.377	1.266	1.250	1.245	1.098	1.245	1.247	7.14
75)	T	C735	Chrysene	1.401	1.260	1.264	1.177	1.054	1.181	1.223	9.47
76)	T	C740	bis(2-Ethylhex	0.822	0.801	0.819	0.804	0.709	0.804	0.793	5.32
77)	TC	C760	Di-n-octylphth	1.232	1.314	1.480	1.431	1.260	1.384	1.350	7.26
78)	I	CI75	Perylene-d12	----------	----------	----------	ISTD	----------	----------	----------	
79)	T	C765	Benzo[b]fluora	1.626	1.553	1.400	1.466	1.381	1.446	1.479	6.35
80)	T	C770	Benzo[k]fluora	1.430	1.428	1.508	1.386	1.127	1.322	1.367	9.68
81)	TC	C775	Benzo[a]pyrene	1.316	1.308	1.298	1.301	1.179	1.296	1.283	4.00
82)	T	C780	Indeno[1,2,3-c	1.416	1.377	1.423	1.441	1.451	1.642	1.459	6.42
83)	T	C785	Dibenz[a,h]ant	1.164	1.155	1.215	1.257	1.234	1.400	1.238	7.17
84)	T	C790	Benzo[g,h,i]pe	1.263	1.133	1.202	1.180	1.201	1.340	1.220	5.92

Total Average %RSD 6.17□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 09/19/2008 ICC Profile Page: 1
Time: 17:31:49 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EOITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7 1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3 1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4 sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0 m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2 1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1 1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4 1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4 1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1 Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0 1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9 1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7 1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3 2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2 2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0 2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5 2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5 2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL 2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9 2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F 2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5 2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7 2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8 2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8 2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9 2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0 2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0 2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4 2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0 2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3 2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2 2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1 2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7 2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8 2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8 2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7 2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7 3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4 3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8 3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1 3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2 3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0 3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5 3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0 3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH 3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7 3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8 3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5 3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4 3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4 4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1 4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9 4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

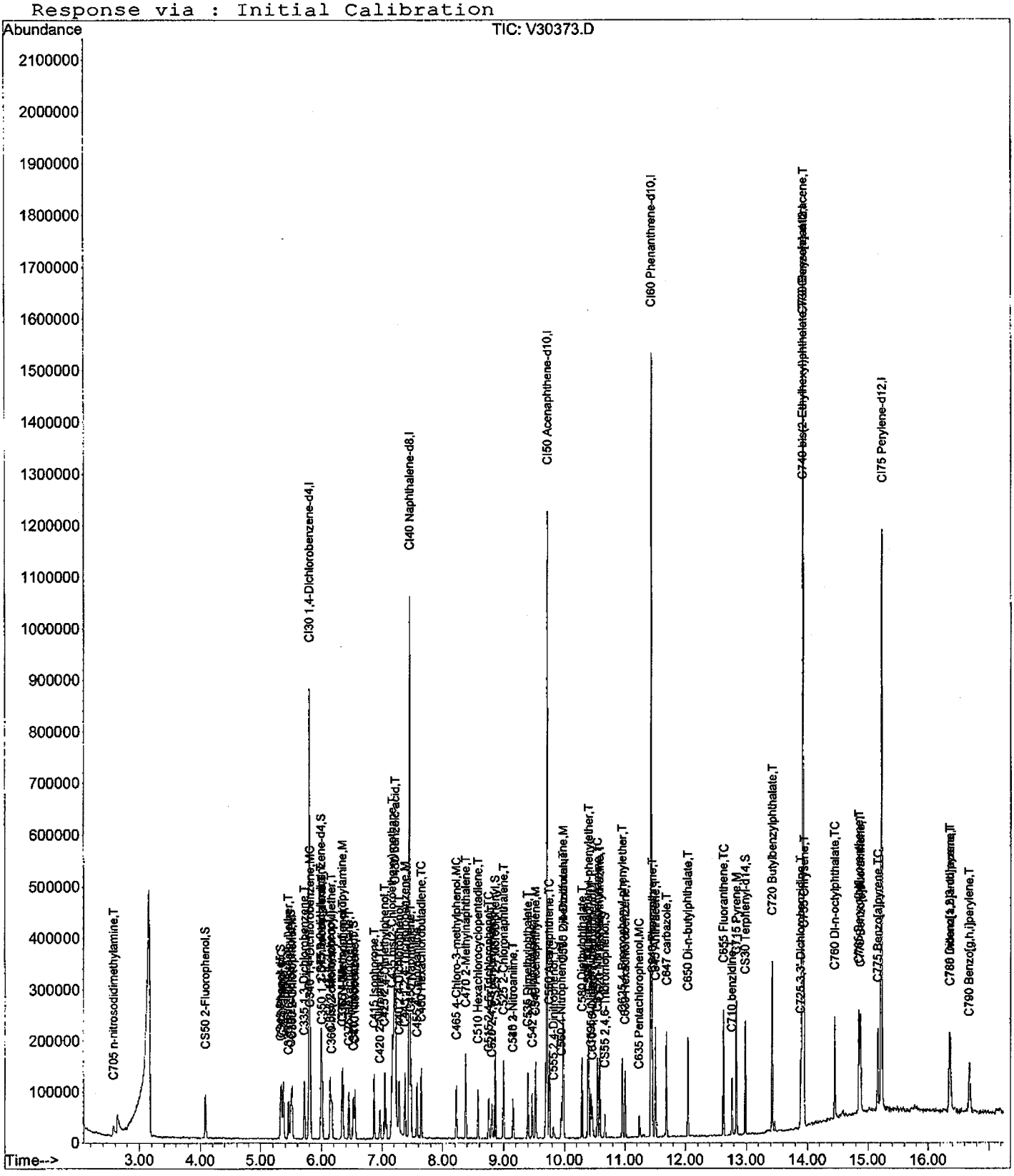
ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter		ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\080508\V30373.D Vial: 2
Acq On : 5 Aug 2008 8:58 Operator: MD
Sample : SSTD005 Inst : HP5973V
Misc : 8270 (06/24/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:11 2008 Quant Results File: 8270-A8I0575.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:10:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30373.D
Acq On : 5 Aug 2008 8:58
Sample : SSTD005
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:04:05 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:04:00 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\V30372.D (5 Aug 2008 8:35)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	135639	40.00	ng	0.00 87.26%
20) CI40 Naphthalene-d8	7.45	136	476802	40.00	ng	0.00 83.76%
35) CI50 Acenaphthene-d10	9.71	164	269153	40.00	ng	0.00 83.39%
56) CI60 Phenanthrene-d10	11.43	188	589806	40.00	ng	0.00 85.01%
68) CI70 Chrysene-d12	13.92	240	582453	40.00	ng	0.00 85.15%
78) CI75 Perylene-d12	15.22	264	472812	40.00	ng	0.00 83.26%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.08	112	26015	5.17	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 3.45%#			
5) CS45 Phenol-d5	5.33	99	33382	5.09	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 3.39%#			
6) CS70 2-chlorophenol-d4	5.49	132	24302	5.23	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 3.49%#			
12) CS75 1,2-dichlorobenzene-d	5.99	152	16996	5.48	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 5.48%#			
21) CS20 Nitrobenzene-d5	6.52	82	29497	4.93	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 4.93%#			
39) CS25 2-Fluorobiphenyl	8.86	172	54843	5.56	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 5.56%#			
59) CS55 2,4,6-Tribromophenol	10.68	330	5604	9.65	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 6.43%#			
71) CS30 Terphenyl-d14	12.98	244	65771	5.00	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 5.00%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.58	74	18561m	4.76	ng	84
4) C325 bis(2-Chloroethyl)eth	5.46	93	30282	5.10	ng	# 82
7) C315 Phenol	5.34	94	38441	5.24	ng	93
8) C330 2-Chlorophenol	5.51	128	25777	5.34	ng	# 75
9) C320 aniline	5.37	93	46064	5.03	ng	87
10) C335 1,3-Dichlorobenzene	5.71	146	28642	5.36	ng	93
11) C340 1,4-Dichlorobenzene	5.81	146	28400	5.32	ng	87
13) C350 1,2-Dichlorobenzene	6.01	146	26894	5.41	ng	89
14) C345 Benzyl alcohol	6.00	108	16127	4.84	ng	# 63
15) C360 bis(2-chloroisopropyl	6.17	45	60504	5.21	ng	87
16) C355 2-Methylphenol	6.15	108	23306	5.06	ng	86
17) C375 Hexachloroethane	6.45	117	13110	5.33	ng	94
18) C370 N-Nitroso-di-n-propyl	6.34	70	21552	4.87	ng	79
19) C365 4-Methylphenol	6.35	108	24126	5.05	ng	87
22) C410 Nitrobenzene	6.55	77	36348	5.60	ng	# 72
23) C415 Isophorone	6.87	82	54620	4.99	ng	91
24) C430 benzoic acid	7.22	122	190132	112.04	ng	# 63
25) C420 2-Nitrophenol	6.96	139	8896	4.44	ng	# 70

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30373.D
Acq On : 5 Aug 2008 8:58
Sample : SSTD005
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:04:05 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:04:00 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.04	107	25600	4.79	ng		86
27)	C435 bis(2-Chloroethoxy)me	7.17	93	35234	5.48	ng		99
28)	C440 2,4-Dichlorophenol	7.28	162	19852	5.36	ng		87
29)	C445 1,2,4-Trichlorobenzen	7.38	180	21585	5.05	ng		91
30)	C450 Naphthalene	7.48	128	70817	5.53	ng		99
31)	C455 4-Chloroaniline	7.58	127	25536	4.77	ng		75
32)	C460 Hexachlorobutadiene	7.65	225	18481	5.81	ng		96
33)	C465 4-Chloro-3-methylphen	8.22	107	21502	4.88	ng	#	71
34)	C470 2-Methylnaphthalene	8.38	142	44587	5.38	ng		88
36)	C510 Hexachlorocyclopentad	8.58	237	13156	8.68	ng		87
37)	C515 2,4,6-Trichlorophenol	8.75	196	12040	4.58	ng		94
38)	C520 2,4,5-Trichlorophenol	8.81	196	13862	4.92	ng		83
40)	C525 2-Chloronaphthalene	9.00	162	45943	5.68	ng		96
41)	C530 2-Nitroaniline	9.15	65	15553	4.41	ng	#	63
42)	C540 Acenaphthylene	9.53	152	70683	5.17	ng		91
43)	C535 Dimethylphthalate	9.40	163	49381	5.05	ng		98
44)	C542 2,6-Dinitrotoluene	9.47	165	8174	4.15	ng	#	46
45)	C550 Acenaphthene	9.75	153	45044	5.45	ng		98
46)	C545 3-Nitroaniline	9.15	138	12466	4.74	ng	#	61
47)	C555 2,4-Dinitrophenol	9.82	184	4802	7.49	ng	#	55
48)	C565 Dibenzofuran	9.98	168	68837	5.57	ng		93
49)	C570 2,4-Dinitrotoluene	9.98	165	12144	4.50	ng	#	11
50)	C560 4-Nitrophenol	9.95	109	12466	11.71	ng	#	76
51)	C590 Fluorene	10.39	166	54277	5.34	ng		93
52)	C585 4-Chlorophenyl-phenyl	10.40	204	28382	5.37	ng		94
53)	C580 Diethylphthalate	10.29	149	52399	5.02	ng		97
54)	C620 1,2 diphenylhydrazine	10.58	77	66634	5.27	ng		90
55)	C595 4-Nitroaniline	10.45	138	10155	4.47	ng	#	76
57)	C610 4,6-Dinitro-2-methylp	10.46	198	8081	8.74	ng		100
58)	C615 n-Nitrosodiphenylamin	10.55	169	36412	5.04	ng		96
60)	C625 4-Bromophenyl-phenyle	10.96	248	14537	4.94	ng	#	79
61)	C630 Hexachlorobenzene	11.01	284	16275	5.55	ng		90
62)	C635 Pentachlorophenol	11.24	266	6427	12.98	ng		94
63)	C640 Phenanthrene	11.46	178	80489	5.55	ng		97
64)	C645 Anthracene	11.51	178	82480	5.49	ng		98
65)	C647 carbazole	11.69	167	78514	5.33	ng		98
66)	C650 Di-n-butylphthalate	12.05	149	86543	4.96	ng		98
67)	C655 Fluoranthene	12.63	202	102151	5.41	ng		91
69)	C715 Pyrene	12.84	202	108015	5.70	ng		89
70)	C710 benzidine	12.77	184	45257	5.18	ng		98
72)	C720 Butylbenzylphthalate	13.42	149	40285	4.83	ng		78
73)	C725 3,3'-Dichlorobenzidin	13.89	252	27380	4.48	ng		94
74)	C730 Benzo[a]anthracene	13.91	228	100290	5.52	ng		96
75)	C735 Chrysene	13.94	228	101974	5.68	ng		100
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	59850	5.13	ng		86
77)	C760 Di-n-octylphthalate	14.45	149	89692	4.51	ng		94
79)	C765 Benzo[b]fluoranthene	14.85	252	96071	6.04	ng		88
80)	C770 Benzo[k]fluoranthene	14.87	252	84509	4.95	ng		91
81)	C775 Benzo[a]pyrene	15.16	252	77771	5.15	ng		94
82)	C780 Indeno[1,2,3-cd]pyren	16.35	276	83709	4.45	ng		80
83)	C785 Dibenz[a,h]anthracene	16.37	278	68809	4.30	ng		91
84)	C790 Benzo[g,h,i]perylene	16.69	276	74645	4.71	ng		90

(#) = qualifier out of range (m) = manual integration

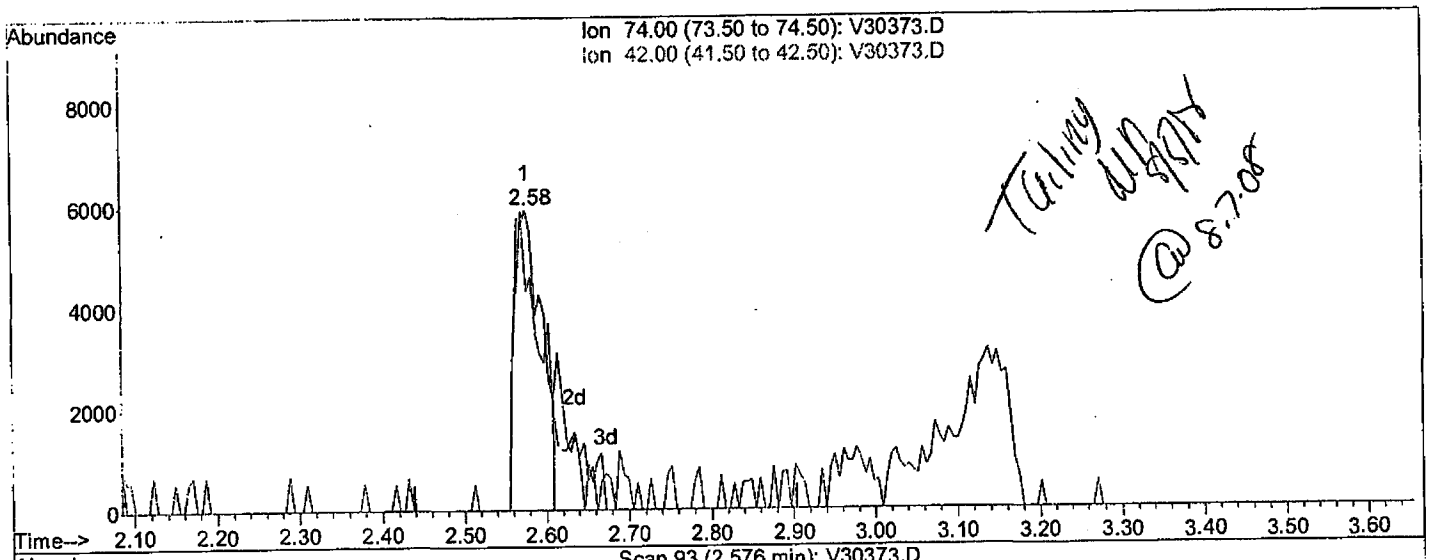
Quantitation Report (Qedit)

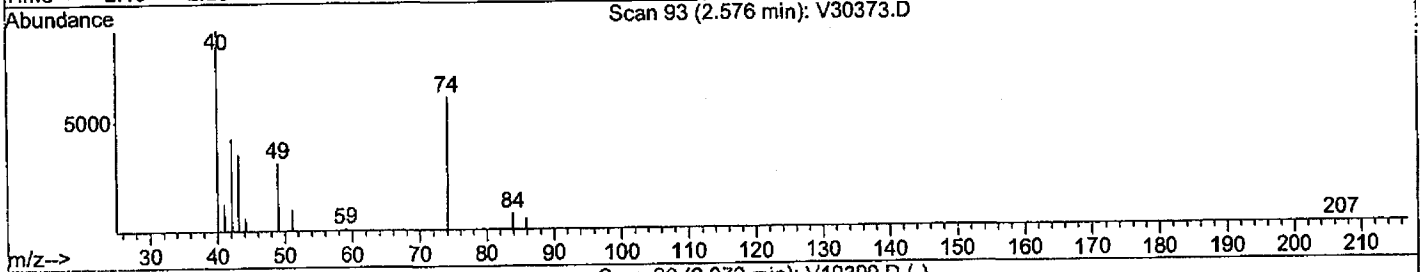
Data File : D:\DATA\080508\V30373.D
Acq On : 5 Aug 2008 8:58
Sample : SSTD005
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:04 2008

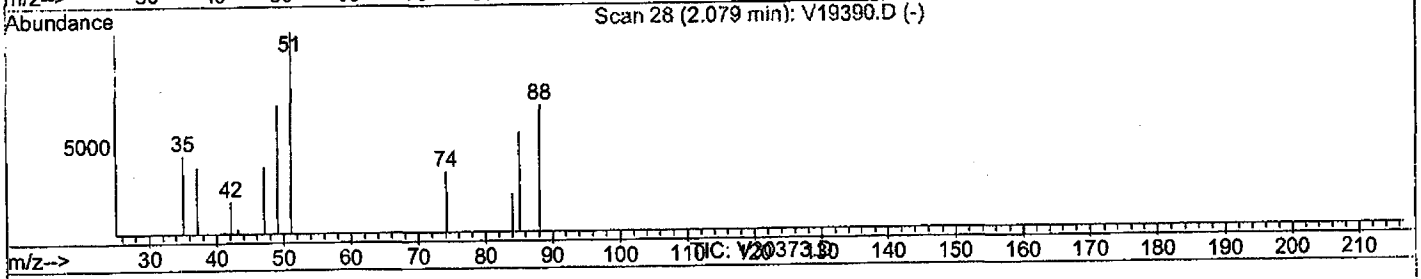
Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:10:08 2008
Response via : Multiple Level Calibration







(2) C705 n-nitrosodidimethylamine (T)

2.58min 3.52ng

response 13728

Ion	Exp%	Act%
74.00	100	100
42.00	80.90	95.43
0.00	0.00	0.00
0.00	0.00	0.00

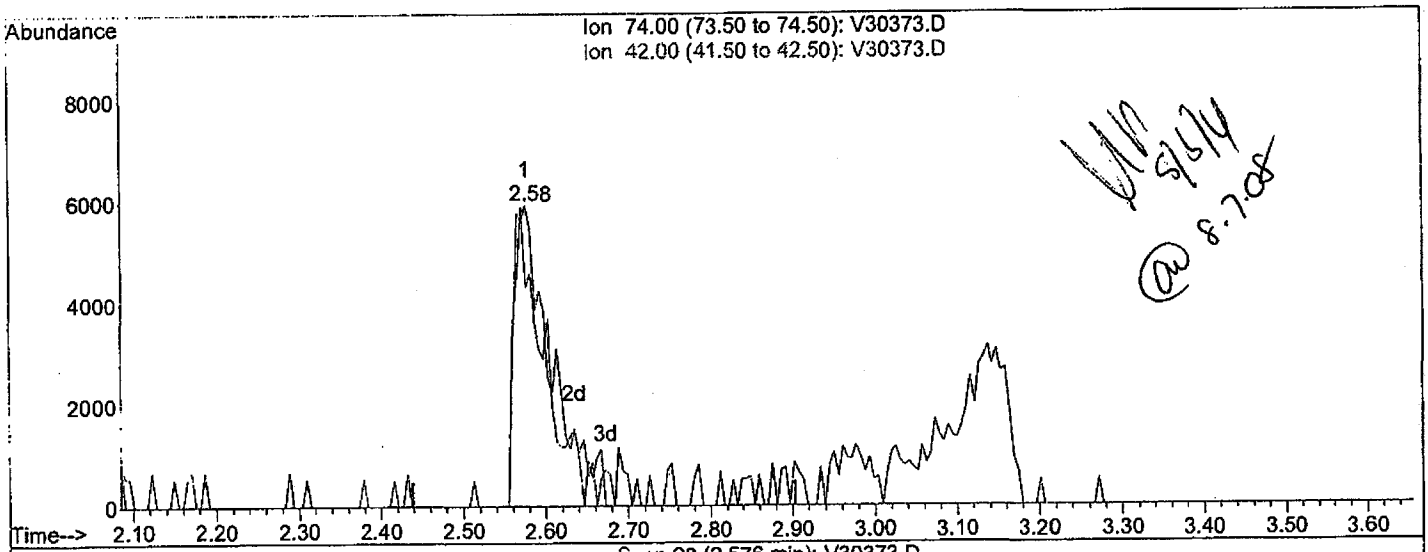
Quantitation Report (Qedit)

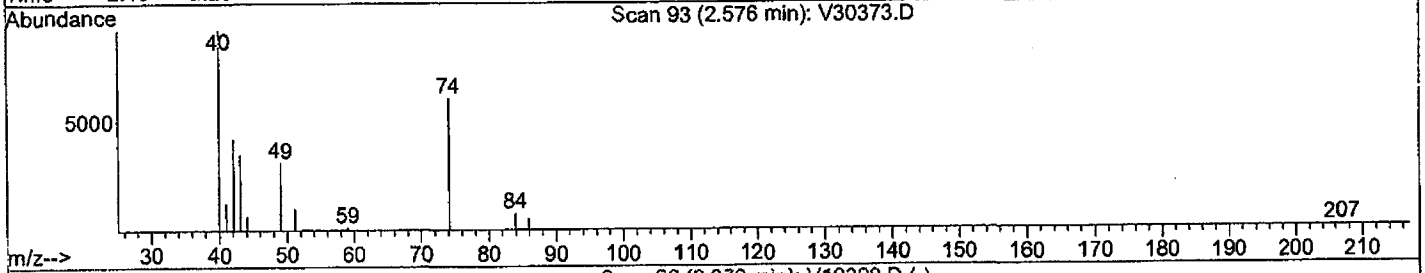
Data File : D:\DATA\080508\V30373.D
Acq On : 5 Aug 2008 8:58
Sample : SSTD005
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:11 2008

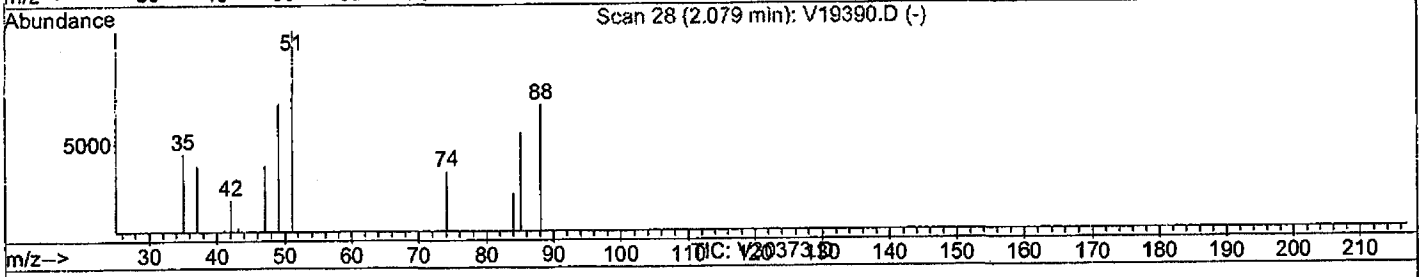
Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:10:08 2008
Response via : Multiple Level Calibration







(2) C705 n-nitrosodidimethylamine (T)

2.58min 4.76ng m

response 18561

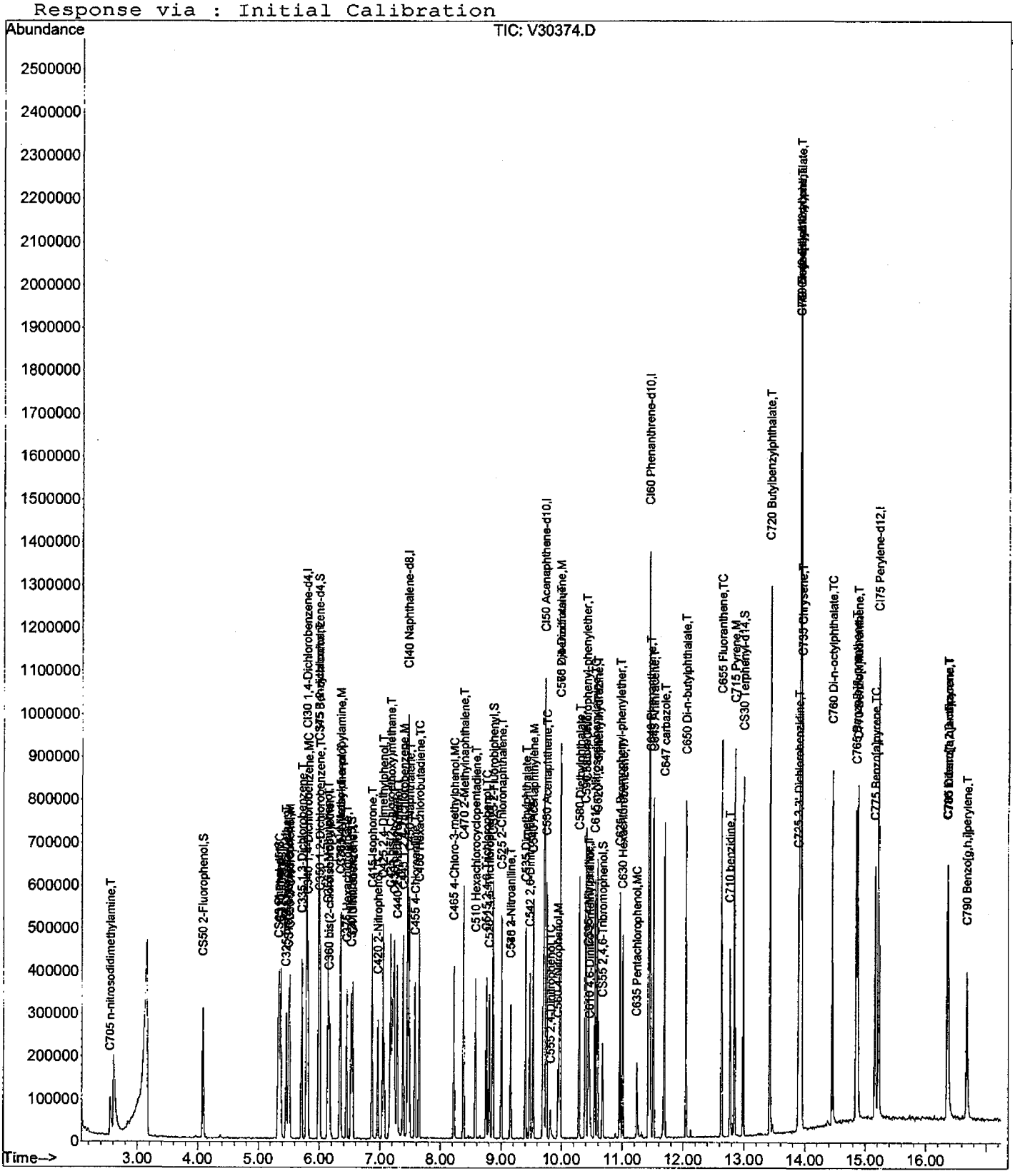
Ion	Exp%	Act%
74.00	100	100
42.00	80.90	70.58
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\080508\V30374.D
Acq On : 5 Aug 2008 9:21
Sample : SSTD020
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:06 2008

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:06:39 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30374.D
Acq On : 5 Aug 2008 9:21
Sample : SSTD020
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:06:46 2008

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:06:39 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\V30372.D (5 Aug 2008 8:35)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	128969	40.00	ng	0.00 82.96%
20) CI40 Naphthalene-d8	7.45	136	441359	40.00	ng	0.00 77.53%
35) CI50 Acenaphthene-d10	9.71	164	251331	40.00	ng	0.00 77.87%
56) CI60 Phenanthrene-d10	11.43	188	549589	40.00	ng	0.00 79.21%
68) CI70 Chrysene-d12	13.92	240	549178	40.00	ng	0.00 80.28%
78) CI75 Perylene-d12	15.22	264	435884	40.00	ng	0.00 76.76%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.08	112	93400	19.25	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 12.83%#			
5) CS45 Phenol-d5	5.33	99	116585	18.62	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 12.41%			
6) CS70 2-chlorophenol-d4	5.49	132	86174	19.30	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 12.87%#			
12) CS75 1,2-dichlorobenzene-d	5.99	152	58077	19.74	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 19.74%			
21) CS20 Nitrobenzene-d5	6.52	82	114635	20.66	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 20.66%#			
39) CS25 2-Fluorobiphenyl	8.86	172	192397	20.67	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 20.67%#			
59) CS55 2,4,6-Tribromophenol	10.68	330	22095	23.00	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 15.33%			
71) CS30 Terphenyl-d14	12.99	244	247915	20.13	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 20.13%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.55	74	73889	20.55	ng	95
4) C325 bis(2-Chloroethyl)eth	5.46	93	110740	19.74	ng	84
7) C315 Phenol	5.34	94	134783	19.38	ng	76
8) C330 2-Chlorophenol	5.51	128	86597	18.75	ng	# 66
9) C320 aniline	5.37	93	171941	19.93	ng	87
10) C335 1,3-Dichlorobenzene	5.72	146	101989	19.99	ng	93
11) C340 1,4-Dichlorobenzene	5.81	146	102293	20.11	ng	97
13) C350 1,2-Dichlorobenzene	6.01	146	93941	19.91	ng	95
14) C345 Benzyl alcohol	5.99	108	58848	18.54	ng	# 42
15) C360 bis(2-chloroisopropyl	6.17	45	224489	20.46	ng	83
16) C355 2-Methylphenol	6.15	108	84483	19.31	ng	94
17) C375 Hexachloroethane	6.45	117	45969	19.58	ng	98
18) C370 N-Nitroso-di-n-propyl	6.34	70	79707	19.09	ng	80
19) C365 4-Methylphenol	6.35	108	87287	19.20	ng	94
22) C410 Nitrobenzene	6.55	77	125699	20.47	ng	77
23) C415 Isophorone	6.87	82	202255	19.87	ng	91
24) C430 benzoic acid	7.23	122	233784	128.31	ng	# 62
25) C420 2-Nitrophenol	6.96	139	38871	20.62	ng	# 47

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30374.D
Acq On : 5 Aug 2008 9:21
Sample : SSTD020
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:06:46 2008

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:06:39 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.04	107	100924	20.39	ng		82
27)	C435 bis(2-Chloroethoxy)me	7.17	93	121138	20.21	ng		97
28)	C440 2,4-Dichlorophenol	7.28	162	72490	20.81	ng		88
29)	C445 1,2,4-Trichlorobenzen	7.38	180	79198	20.19	ng		98
30)	C450 Naphthalene	7.48	128	250303	21.06	ng		96
31)	C455 4-Chloroaniline	7.58	127	102132	20.91	ng		99
32)	C460 Hexachlorobutadiene	7.65	225	61646	20.47	ng		98
33)	C465 4-Chloro-3-methylphen	8.22	107	81356	19.58	ng	#	74
34)	C470 2-Methylnaphthalene	8.38	142	156826	20.35	ng		99
36)	C510 Hexachlorocyclopentad	8.58	237	57254	22.16	ng		95
37)	C515 2,4,6-Trichlorophenol	8.75	196	48912	19.59	ng		91
38)	C520 2,4,5-Trichlorophenol	8.80	196	54548	20.31	ng		97
40)	C525 2-Chloronaphthalene	9.00	162	154845	20.27	ng		96
41)	C530 2-Nitroaniline	9.15	65	64493	19.32	ng	#	64
42)	C540 Acenaphthylene	9.53	152	259045	20.44	ng		97
43)	C535 Dimethylphthalate	9.40	163	182025	20.09	ng		99
44)	C542 2,6-Dinitrotoluene	9.47	165	35644	19.33	ng	#	57
45)	C550 Acenaphthene	9.75	153	160724	20.60	ng		97
46)	C545 3-Nitroaniline	9.16	138	49713	19.94	ng		80
47)	C555 2,4-Dinitrophenol	9.82	184	12783	20.68	ng		99
48)	C565 Dibenzofuran	9.98	168	241601	20.86	ng		96
49)	C570 2,4-Dinitrotoluene	9.98	165	49135	19.41	ng	#	30
50)	C560 4-Nitrophenol	9.94	109	33847	21.49	ng	#	68
51)	C590 Fluorene	10.39	166	191392	20.15	ng		91
52)	C585 4-Chlorophenyl-phenyl	10.40	204	101769	20.74	ng		97
53)	C580 Diethylphthalate	10.29	149	199630	20.62	ng		98
54)	C620 1,2 diphenylhydrazine	10.58	77	246453	21.03	ng		91
55)	C595 4-Nitroaniline	10.45	138	42054	19.57	ng	#	49
57)	C610 4,6-Dinitro-2-methylp	10.47	198	19753	20.00	ng		100
58)	C615 n-Nitrosodiphenylamin	10.55	169	136421	20.41	ng		99
60)	C625 4-Bromophenyl-phenyle	10.96	248	53226	19.95	ng		90
61)	C630 Hexachlorobenzene	11.01	284	53611	19.54	ng		82
62)	C635 Pentachlorophenol	11.24	266	20957	21.52	ng		97
63)	C640 Phenanthrene	11.46	178	283900	20.93	ng		99
64)	C645 Anthracene	11.51	178	293036	20.85	ng		95
65)	C647 carbazole	11.69	167	273428	19.95	ng		96
66)	C650 Di-n-butylphthalate	12.04	149	330352	20.54	ng		95
67)	C655 Fluoranthene	12.63	202	360218	20.52	ng		90
69)	C715 Pyrene	12.84	202	377555	20.93	ng		89
70)	C710 benzidine	12.77	184	171494	20.79	ng		99
72)	C720 Butylbenzylphthalate	13.42	149	158754	20.04	ng	#	65
73)	C725 3,3'-Dichlorobenzidin	13.89	252	107381	18.70	ng		98
74)	C730 Benzo[a]anthracene	13.91	228	347527	20.31	ng		99
75)	C735 Chrysene	13.94	228	346002	20.50	ng		99
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	220054	19.83	ng		95
77)	C760 Di-n-octylphthalate	14.45	149	360681	19.06	ng		98
79)	C765 Benzo[b]fluoranthene	14.85	252	338453	22.41	ng		90
80)	C770 Benzo[k]fluoranthene	14.87	252	311163	20.05	ng		91
81)	C775 Benzo[a]pyrene	15.16	252	285103	20.28	ng		97
82)	C780 Indeno[1,2,3-cd]pyren	16.35	276	300186	17.65	ng		86
83)	C785 Dibenz[a,h]anthracene	16.37	278	251687	17.37	ng		89
84)	C790 Benzo[g,h,i]perylene	16.69	276	246866	17.20	ng		91

(#) = qualifier out of range (m) = manual integration

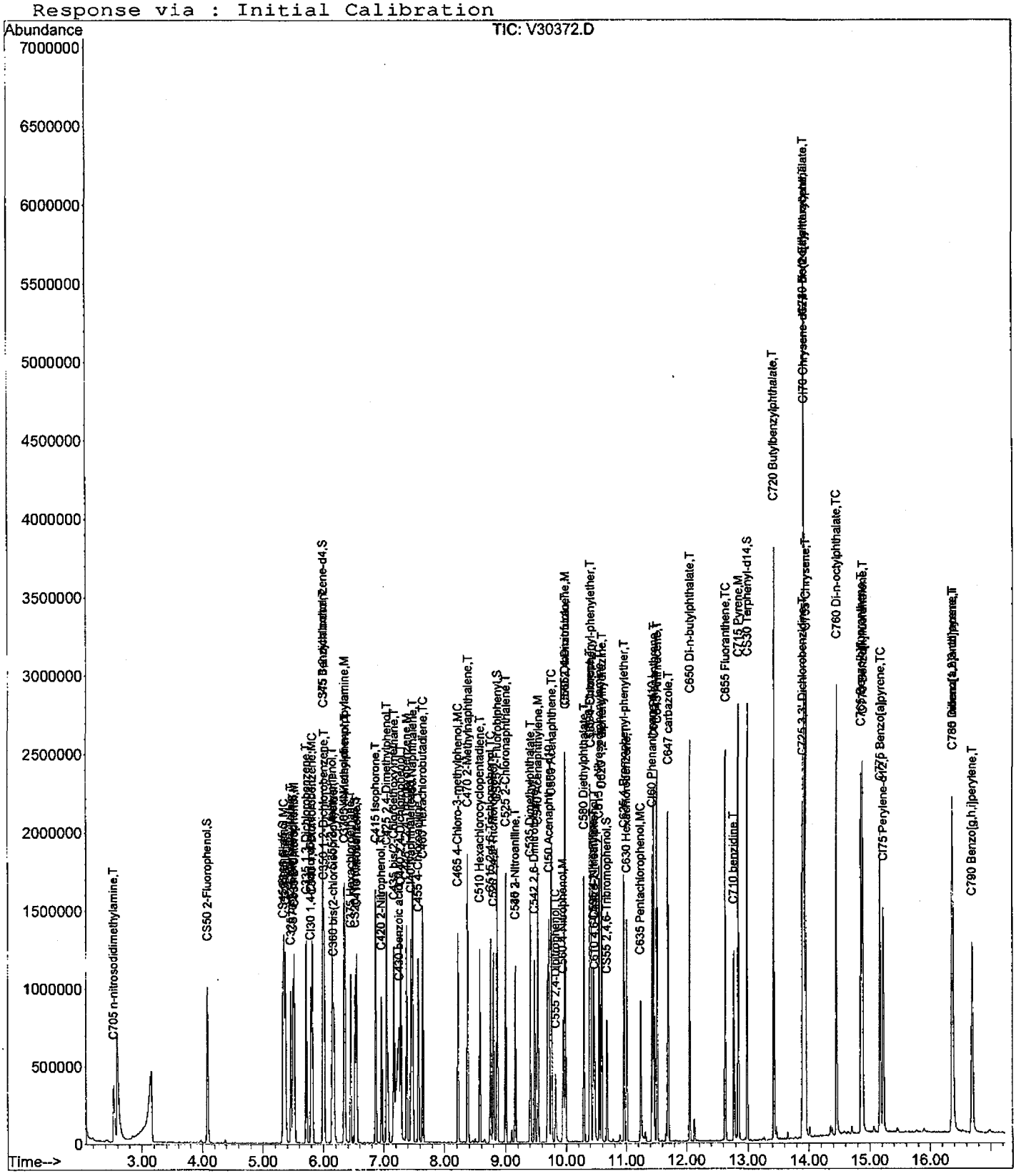
Quantitation Report (Not Reviewed)

Data File : D:\DATA\080508\V30372.D
Acq On : 5 Aug 2008 8:35
Sample : SSTD050
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 8:53 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0575.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 04 15:50:09 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30372.D
Acq On : 5 Aug 2008 8:35
Sample : SSTD050
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 08:53:26 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 04 15:50:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080408\V30340.D (4 Aug 2008 15:31)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	155451	40.00	ng		-0.01 94.18%
20) CI40 Naphthalene-d8	7.45	136	569258	40.00	ng		0.00 94.12%
35) CI50 Acenaphthene-d10	9.71	164	322754	40.00	ng		0.00 93.58%
56) CI60 Phenanthrene-d10	11.43	188	693832	40.00	ng		0.00 92.48%
68) CI70 Chrysene-d12	13.92	240	684070	40.00	ng		-0.01 87.82%
78) CI75 Perylene-d12	15.22	264	567864	40.00	ng		-0.01 85.03%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.08	112	303782	53.31	ng		-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 35.54%				
5) CS45 Phenol-d5	5.33	99	396003	53.26	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.51%				
6) CS70 2-chlorophenol-d4	5.50	132	279046	52.77	ng		0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 35.18%				
12) CS75 1,2-dichlorobenzene-d	5.99	152	178416	50.35	ng		-0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.35%				
21) CS20 Nitrobenzene-d5	6.52	82	369597	51.80	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 51.80%				
39) CS25 2-Fluorobiphenyl	8.86	172	607610	51.44	ng		-0.01
Spiked Amount 100.000	Range 43 - 116		Recovery = 51.44%				
59) CS55 2,4,6-Tribromophenol	10.68	330	71928	52.54	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 35.03%				
71) CS30 Terphenyl-d14	12.99	244	795611	51.53	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.53%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	2.54	74	249623	57.00	ng		99
4) C325 bis(2-Chloroethyl)eth	5.46	93	356651	52.94	ng		85
7) C315 Phenol	5.35	94	439096	52.84	ng		82
8) C330 2-Chlorophenol	5.52	128	291844	53.46	ng	#	76
9) C320 aniline	5.37	93	547795	52.88	ng		99
10) C335 1,3-Dichlorobenzene	5.72	146	307518	50.30	ng		96
11) C340 1,4-Dichlorobenzene	5.82	146	313131	51.60	ng		94
13) C350 1,2-Dichlorobenzene	6.01	146	292857	51.71	ng		94
14) C345 Benzyl alcohol	5.99	108	205404	54.41	ng	#	46
15) C360 bis(2-chloroisopropyl	6.17	45	699815	53.36	ng		85
16) C355 2-Methylphenol	6.15	108	279619	53.45	ng		99
17) C375 Hexachloroethane	6.45	117	141245	50.46	ng		95
18) C370 N-Nitroso-di-n-propyl	6.34	70	269561	53.70	ng	#	80
19) C365 4-Methylphenol	6.35	108	298285	55.20	ng		92
22) C410 Nitrobenzene	6.55	77	403567	52.19	ng		78
23) C415 Isophorone	6.87	82	680525	52.14	ng		91
24) C430 benzoic acid	7.26	122	443473	178.74	ng	#	64
25) C420 2-Nitrophenol	6.96	139	139896	60.43	ng	#	52

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30372.D
Acq On : 5 Aug 2008 8:35
Sample : SSTD050
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 08:53:26 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 04 15:50:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.05	107	334742	52.77	ng		84
27)	C435 bis(2-Chloroethoxy)me	7.17	93	398248	52.12	ng		94
28)	C440 2,4-Dichlorophenol	7.28	162	234269	53.34	ng		90
29)	C445 1,2,4-Trichlorobenzen	7.38	180	261276	51.51	ng		94
30)	C450 Naphthalene	7.48	128	787290	51.64	ng		98
31)	C455 4-Chloroaniline	7.57	127	335009	52.90	ng		95
32)	C460 Hexachlorobutadiene	7.65	225	189048	49.59	ng		92
33)	C465 4-Chloro-3-methylphen	8.22	107	285224	54.78	ng	#	76
34)	C470 2-Methylnaphthalene	8.38	142	509569	51.31	ng		99
36)	C510 Hexachlorocyclopentad	8.58	237	197758	52.59	ng		100
37)	C515 2,4,6-Trichlorophenol	8.75	196	166209	53.08	ng		89
38)	C520 2,4,5-Trichlorophenol	8.80	196	182828	54.92	ng		96
40)	C525 2-Chloronaphthalene	9.00	162	501912	52.02	ng		95
41)	C530 2-Nitroaniline	9.16	65	230229	55.14	ng	#	64
42)	C540 Acenaphthylene	9.53	152	835283	50.95	ng		98
43)	C535 Dimethylphthalate	9.40	163	592312	50.52	ng		97
44)	C542 2,6-Dinitrotoluene	9.48	165	126664	54.50	ng	#	71
45)	C550 Acenaphthene	9.76	153	507811	51.41	ng		96
46)	C545 3-Nitroaniline	9.16	138	169483	54.04	ng		81
47)	C555 2,4-Dinitrophenol	9.82	184	58552	68.35	ng		84
48)	C565 Dibenzofuran	9.98	168	743257	50.18	ng		96
49)	C570 2,4-Dinitrotoluene	9.99	165	173517	54.14	ng	#	54
50)	C560 4-Nitrophenol	9.94	109	131394	52.74	ng	#	67
51)	C590 Fluorene	10.39	166	614957	50.50	ng		91
52)	C585 4-Chlorophenyl-phenyl	10.40	204	316065	49.91	ng		99
53)	C580 Diethylphthalate	10.29	149	630766	50.45	ng		96
54)	C620 1,2 diphenylhydrazine	10.59	77	771591	50.81	ng		90
55)	C595 4-Nitroaniline	10.45	138	145869	53.93	ng	#	56
57)	C610 4,6-Dinitro-2-methylp	10.47	198	87149	68.07	ng		100
58)	C615 n-Nitrosodiphenylamin	10.55	169	439102	51.70	ng		95
60)	C625 4-Bromophenyl-phenyle	10.96	248	172482	49.60	ng		99
61)	C630 Hexachlorobenzene	11.01	284	168284	48.24	ng		94
62)	C635 Pentachlorophenol	11.24	266	95009	53.40	ng		98
63)	C640 Phenanthrene	11.46	178	881794	51.67	ng		99
64)	C645 Anthracene	11.51	178	919020	52.08	ng		95
65)	C647 carbazole	11.70	167	904846	52.18	ng		97
66)	C650 Di-n-butylphthalate	12.05	149	1019559	49.55	ng		96
67)	C655 Fluoranthene	12.64	202	1116010	50.20	ng		90
69)	C715 Pyrene	12.84	202	1152976	51.95	ng		91
70)	C710 benzidine	12.77	184	502133	49.19	ng		98
72)	C720 Butylbenzylphthalate	13.43	149	516397	52.71	ng	#	72
73)	C725 3,3'-Dichlorobenzidin	13.89	252	392724	54.97	ng		96
74)	C730 Benzo[a]anthracene	13.91	228	1068700	50.04	ng		99
75)	C735 Chrysene	13.94	228	1081051	51.28	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	700259	51.11	ng		90
77)	C760 Di-n-octylphthalate	14.45	149	1265628	54.15	ng		96
79)	C765 Benzo[b]fluoranthene	14.85	252	993831	51.73	ng		88
80)	C770 Benzo[k]fluoranthene	14.88	252	1070438	52.58	ng		91
81)	C775 Benzo[a]pyrene	15.17	252	921386	50.61	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	16.36	276	1009946	43.75	ng		82
83)	C785 Dibenz[a,h]anthracene	16.38	278	862788	43.86	ng		93
84)	C790 Benzo[g,h,i]perylene	16.70	276	852883	43.94	ng		90

(#) = qualifier out of range (m) = manual integration

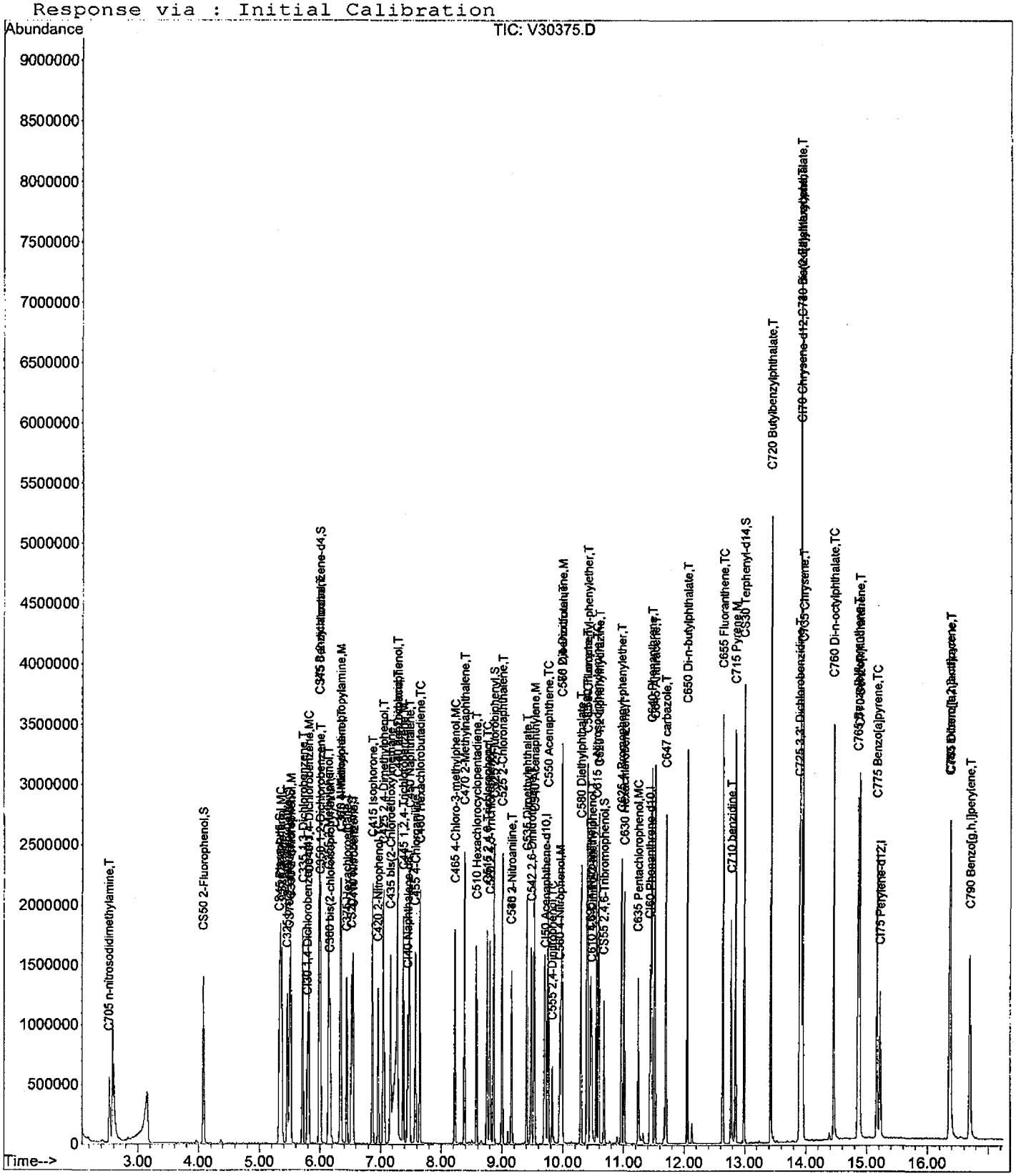
Quantitation Report (Not Reviewed)

Data File : D:\DATA\080508\V30375.D
Acq On : 5 Aug 2008 9:59
Sample : SSTD080
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:07 2008

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0575.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:07:47 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30375.D
Acq On : 5 Aug 2008 9:59
Sample : SSTD080
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:07:53 2008

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:07:47 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\V30372.D (5 Aug 2008 8:35)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	133842	40.00	ng	0.00 86.10%
20) CI40 Naphthalene-d8	7.45	136	479445	40.00	ng	0.00 84.22%
35) CI50 Acenaphthene-d10	9.71	164	270137	40.00	ng	0.00 83.70%
56) CI60 Phenanthrene-d10	11.43	188	589625	40.00	ng	0.00 84.98%
68) CI70 Chrysene-d12	13.92	240	570149	40.00	ng	0.00 83.35%
78) CI75 Perylene-d12	15.22	264	469407	40.00	ng	0.00 82.66%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.08	112	413632	82.98	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 55.32%			
5) CS45 Phenol-d5	5.33	99	526893	82.24	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 54.83%			
6) CS70 2-chlorophenol-d4	5.49	132	369381	80.39	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 53.59%			
12) CS75 1,2-dichlorobenzene-d	5.99	152	237488	78.80	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 78.80%			
21) CS20 Nitrobenzene-d5	6.52	82	502674	82.92	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 82.92%			
39) CS25 2-Fluorobiphenyl	8.86	172	802177	79.75	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 79.75%			
59) CS55 2,4,6-Tribromophenol	10.68	330	98825	79.82	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 53.21%			
71) CS30 Terphenyl-d14	12.99	244	1063010	82.95	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 82.95%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.53	74	343395	91.72	ng	98
4) C325 bis(2-Chloroethyl)eth	5.46	93	465907	80.58	ng	# 82
7) C315 Phenol	5.34	94	576592	80.77	ng	80
8) C330 2-Chlorophenol	5.51	128	389213	82.74	ng	# 75
9) C320 aniline	5.37	93	706718	79.79	ng	95
10) C335 1,3-Dichlorobenzene	5.71	146	415610	79.09	ng	98
11) C340 1,4-Dichlorobenzene	5.81	146	417214	79.60	ng	99
13) C350 1,2-Dichlorobenzene	6.01	146	374350	77.14	ng	96
14) C345 Benzyl alcohol	5.99	108	269156	82.94	ng	# 56
15) C360 bis(2-chloroisopropyl	6.17	45	944191	83.13	ng	84
16) C355 2-Methylphenol	6.14	108	363440	80.71	ng	100
17) C375 Hexachloroethane	6.44	117	191758	79.95	ng	99
18) C370 N-Nitroso-di-n-propyl	6.34	70	351742	81.74	ng	# 77
19) C365 4-Methylphenol	6.35	108	389237	82.98	ng	90
22) C410 Nitrobenzene	6.55	77	548487	81.90	ng	79
23) C415 Isophorone	6.87	82	922294	83.55	ng	89
24) C430 benzoic acid	7.28	122	627578	252.30	ng	# 65
25) C420 2-Nitrophenol	6.96	139	184214	87.38	ng	# 56

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30375.D
Acq On : 5 Aug 2008 9:59
Sample : SSTD080
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:07:53 2008

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:07:47 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.05	107	451922	83.89	ng		83
27)	C435 bis(2-Chloroethoxy)me	7.17	93	528601	81.16	ng		94
28)	C440 2,4-Dichlorophenol	7.28	162	312512	81.79	ng		90
29)	C445 1,2,4-Trichlorobenzen	7.38	180	346397	81.23	ng		98
30)	C450 Naphthalene	7.48	128	1051913	81.07	ng		99
31)	C455 4-Chloroaniline	7.58	127	427146	80.52	ng		97
32)	C460 Hexachlorobutadiene	7.65	225	256506	77.95	ng		92
33)	C465 4-Chloro-3-methylphen	8.22	107	384000	84.85	ng	#	76
34)	C470 2-Methylnaphthalene	8.38	142	668673	79.83	ng		97
36)	C510 Hexachlorocyclopentad	8.58	237	282225	84.58	ng		99
37)	C515 2,4,6-Trichlorophenol	8.75	196	226408	83.53	ng		96
38)	C520 2,4,5-Trichlorophenol	8.80	196	242503	82.29	ng		98
40)	C525 2-Chloronaphthalene	9.00	162	657011	79.52	ng		92
41)	C530 2-Nitroaniline	9.16	65	312926	86.73	ng	#	64
42)	C540 Acenaphthylene	9.53	152	1099698	80.50	ng		96
43)	C535 Dimethylphthalate	9.41	163	778339	79.63	ng		97
44)	C542 2,6-Dinitrotoluene	9.48	165	171143	85.70	ng	#	66
45)	C550 Acenaphthene	9.76	153	670883	79.81	ng		96
46)	C545 3-Nitroaniline	9.16	138	228741	83.89	ng		82
47)	C555 2,4-Dinitrophenol	9.83	184	85584	95.29	ng		79
48)	C565 Dibenzofuran	9.98	168	983517	78.84	ng		99
49)	C570 2,4-Dinitrotoluene	9.99	165	236395	85.84	ng	#	33
50)	C560 4-Nitrophenol	9.95	109	187832	83.46	ng	#	66
51)	C590 Fluorene	10.39	166	812429	79.98	ng		91
52)	C585 4-Chlorophenyl-phenyl	10.41	204	427779	80.60	ng		94
53)	C580 Diethylphthalate	10.30	149	838425	80.19	ng		97
54)	C620 1,2 diphenylhydrazine	10.59	77	1027794	81.09	ng		89
55)	C595 4-Nitroaniline	10.46	138	195866	84.48	ng	#	57
57)	C610 4,6-Dinitro-2-methylp	10.47	198	119983	92.63	ng		100
58)	C615 n-Nitrosodiphenylamin	10.55	169	582357	81.17	ng		98
60)	C625 4-Bromophenyl-phenyle	10.96	248	227025	79.65	ng		95
61)	C630 Hexachlorobenzene	11.01	284	231875	79.22	ng		94
62)	C635 Pentachlorophenol	11.24	266	128611	77.76	ng		96
63)	C640 Phenanthrene	11.46	178	1145800	78.65	ng		96
64)	C645 Anthracene	11.51	178	1204932	79.79	ng		97
65)	C647 carbazole	11.70	167	1148673	78.38	ng		97
66)	C650 Di-n-butylphthalate	12.05	149	1363229	79.50	ng		94
67)	C655 Fluoranthene	12.64	202	1466144	78.04	ng		91
69)	C715 Pyrene	12.85	202	1514144	80.65	ng		88
70)	C710 benzidine	12.77	184	711739	83.60	ng		98
72)	C720 Butylbenzylphthalate	13.43	149	676902	82.12	ng	#	70
73)	C725 3,3'-Dichlorobenzidin	13.90	252	518874	87.62	ng		98
74)	C730 Benzo[a]anthracene	13.91	228	1420106	80.14	ng		97
75)	C735 Chrysene	13.95	228	1341871	76.74	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	916356	79.60	ng		92
77)	C760 Di-n-octylphthalate	14.46	149	1631596	83.33	ng		96
79)	C765 Benzo[b]fluoranthene	14.85	252	1376087	82.53	ng		89
80)	C770 Benzo[k]fluoranthene	14.88	252	1301518	79.22	ng		91
81)	C775 Benzo[a]pyrene	15.17	252	1221589	80.97	ng		96
82)	C780 Indeno[1,2,3-cd]pyren	16.36	276	1352890	75.34	ng		80
83)	C785 Dibenz[a,h]anthracene	16.38	278	1180186	77.72	ng		92
84)	C790 Benzo[g,h,i]perylene	16.70	276	1107995	73.51	ng		90

(#) = qualifier out of range (m) = manual integration

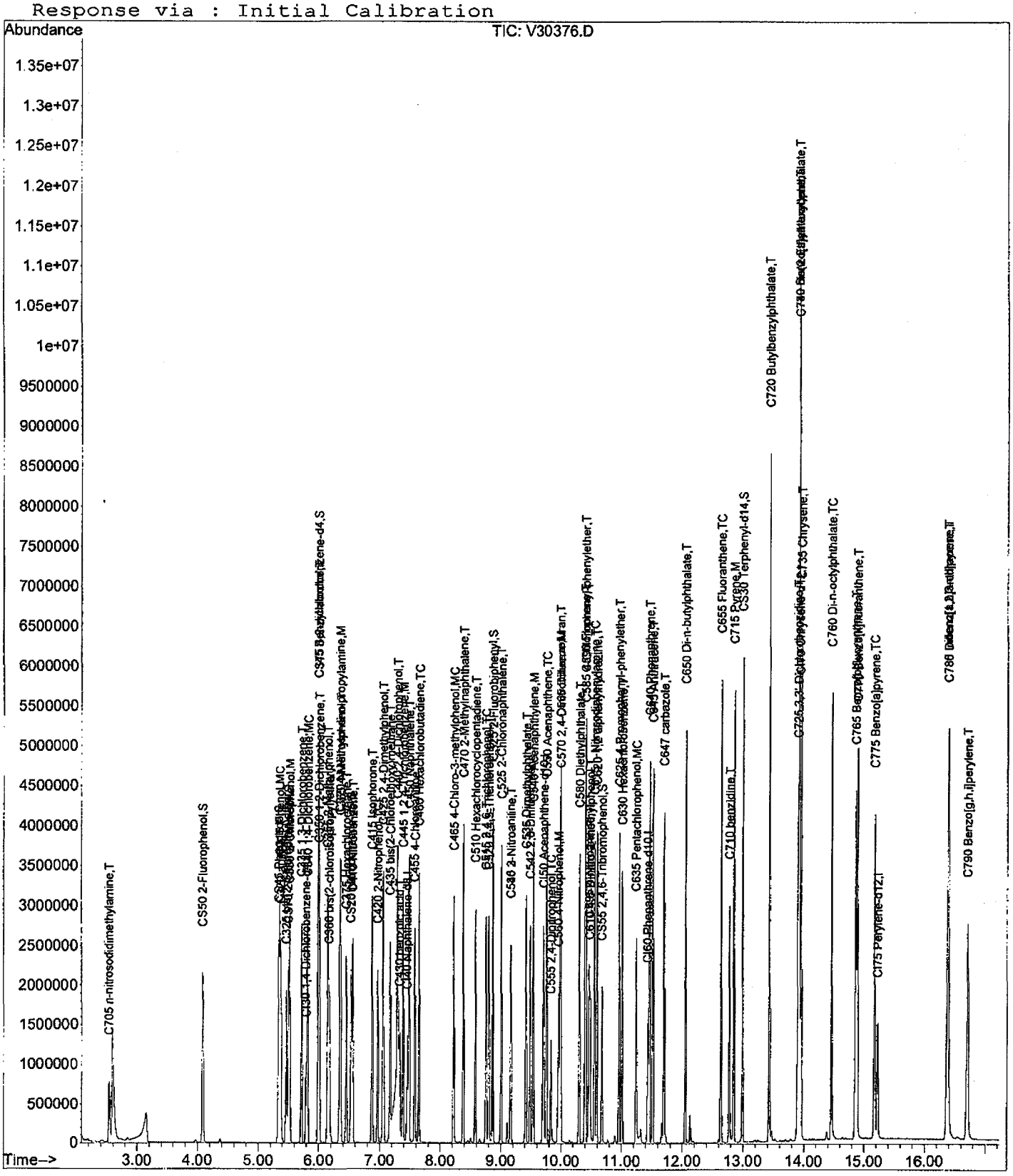
Quantitation Report (Not Reviewed)

Data File : D:\DATA\080508\V30376.D
Acq On : 5 Aug 2008 10:22
Sample : SSTD120
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:08 2008

Vial: 5
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0575.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:08:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30376.D Vial: 5
Acq On : 5 Aug 2008 10:22 Operator: MD
Sample : SSTD120 Inst : HP5973V
Misc : 8270 (06/24/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:08:38 2008 Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:08:34 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\V30372.D (5 Aug 2008 8:35)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	155715	40.00	ng		0.00 100.17%
20) CI40 Naphthalene-d8	7.45	136	585206	40.00	ng		0.00 102.80%
35) CI50 Acenaphthene-d10	9.71	164	326401	40.00	ng		0.00 101.13%
56) CI60 Phenanthrene-d10	11.43	188	725838	40.00	ng		0.00 104.61%
68) CI70 Chrysene-d12	13.93	240	692303	40.00	ng		0.00 101.20%
78) CI75 Perylene-d12	15.23	264	590853	40.00	ng		0.00 104.05%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.09	112	661478	113.21	ng		0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 75.47%				
5) CS45 Phenol-d5	5.33	99	870283	115.99	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 77.33%				
6) CS70 2-chlorophenol-d4	5.50	132	608292	113.29	ng		0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 75.53%				
12) CS75 1,2-dichlorobenzene-d	5.99	152	373650	106.60	ng		0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 106.60%				
21) CS20 Nitrobenzene-d5	6.53	82	846800	113.79	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 113.79%				
39) CS25 2-Fluorobiphenyl	8.86	172	1333583	109.27	ng		0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 109.27%				
59) CS55 2,4,6-Tribromophenol	10.68	330	176182	113.34	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 75.56%				
71) CS30 Terphenyl-d14	12.99	244	1721516	109.86	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 109.86%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	2.53	74	531985	119.83	ng		95
4) C325 bis(2-Chloroethyl)eth	5.47	93	754552	111.91	ng		86
7) C315 Phenol	5.35	94	931813	111.83	ng	#	70
8) C330 2-Chlorophenol	5.52	128	623789	112.78	ng	#	76
9) C320 aniline	5.37	93	1138979	110.50	ng	#	1
10) C335 1,3-Dichlorobenzene	5.72	146	669840	109.66	ng		98
11) C340 1,4-Dichlorobenzene	5.82	146	660735	108.04	ng		98
13) C350 1,2-Dichlorobenzene	6.01	146	609807	108.46	ng		95
14) C345 Benzyl alcohol	6.00	108	439904	116.03	ng	#	53
15) C360 bis(2-chloroisopropyl	6.17	45	1486570	111.88	ng		86
16) C355 2-Methylphenol	6.15	108	597003	113.64	ng		98
17) C375 Hexachloroethane	6.45	117	309879	110.60	ng		96
18) C370 N-Nitroso-di-n-propyl	6.34	70	583148	116.40	ng	#	78
19) C365 4-Methylphenol	6.36	108	632499	114.93	ng		94
22) C410 Nitrobenzene	6.56	77	898956	109.05	ng		82
23) C415 Isophorone	6.87	82	1501053	111.07	ng		88
24) C430 benzoic acid	7.33	122	1134616	350.74	ng	#	62
25) C420 2-Nitrophenol	6.97	139	313856	119.28	ng	#	48

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30376.D
Acq On : 5 Aug 2008 10:22
Sample : SSTD120
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:08:38 2008

Vial: 5
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

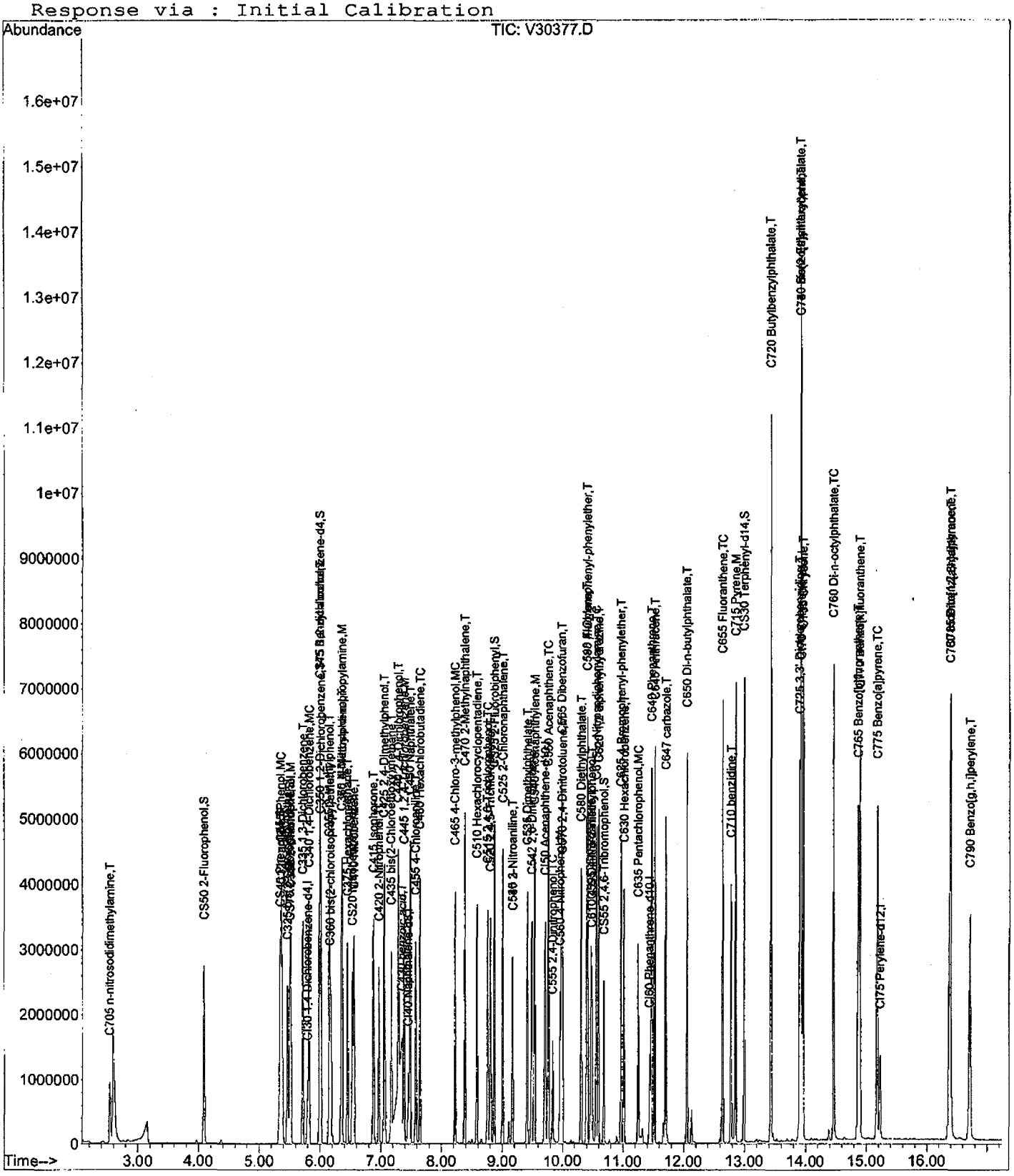
Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:08:34 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.05	107	755268	114.17	ng		82
27)	C435 bis(2-Chloroethoxy)me	7.17	93	858592	107.55	ng		93
28)	C440 2,4-Dichlorophenol	7.29	162	509484	108.78	ng		92
29)	C445 1,2,4-Trichlorobenzen	7.38	180	575673	110.42	ng		96
30)	C450 Naphthalene	7.49	128	1670522	104.84	ng		97
31)	C455 4-Chloroaniline	7.58	127	717657	110.67	ng		99
32)	C460 Hexachlorobutadiene	7.65	225	436231	108.39	ng		97
33)	C465 4-Chloro-3-methylphen	8.22	107	639851	114.97	ng	#	74
34)	C470 2-Methylnaphthalene	8.38	142	1120358	109.38	ng		99
36)	C510 Hexachlorocyclopentad	8.58	237	495415	119.36	ng		97
37)	C515 2,4,6-Trichlorophenol	8.76	196	392115	119.29	ng		94
38)	C520 2,4,5-Trichlorophenol	8.80	196	419376	116.86	ng		95
40)	C525 2-Chloronaphthalene	9.00	162	1082902	108.19	ng		91
41)	C530 2-Nitroaniline	9.16	65	531275	121.10	ng	#	60
42)	C540 Acenaphthylene	9.53	152	1801615	108.98	ng		96
43)	C535 Dimethylphthalate	9.41	163	1299436	110.11	ng		98
44)	C542 2,6-Dinitrotoluene	9.48	165	288053	118.94	ng	#	68
45)	C550 Acenaphthene	9.76	153	1119557	109.98	ng		99
46)	C545 3-Nitroaniline	9.16	138	383661	115.72	ng		79
47)	C555 2,4-Dinitrophenol	9.83	184	171050	131.27	ng		75
48)	C565 Dibenzofuran	9.98	168	1603067	106.38	ng		91
49)	C570 2,4-Dinitrotoluene	9.99	165	387562	115.76	ng	#	43
50)	C560 4-Nitrophenol	9.95	109	326655	116.77	ng	#	66
51)	C590 Fluorene	10.40	166	1321992	107.81	ng		94
52)	C585 4-Chlorophenyl-phenyl	10.41	204	698718	108.67	ng		99
53)	C580 Diethylphthalate	10.30	149	1384912	109.77	ng		97
54)	C620 1,2 diphenylhydrazine	10.59	77	1636647	106.85	ng		91
55)	C595 4-Nitroaniline	10.47	138	318345	113.52	ng	#	55
57)	C610 4,6-Dinitro-2-methylp	10.48	198	214061	118.60	ng		100
58)	C615 n-Nitrosodiphenylamin	10.55	169	943994	106.63	ng		95
60)	C625 4-Bromophenyl-phenyle	10.96	248	385764	109.91	ng		91
61)	C630 Hexachlorobenzene	11.01	284	389797	107.94	ng		92
62)	C635 Pentachlorophenol	11.24	266	236299	110.99	ng		99
63)	C640 Phenanthrene	11.46	178	1831358	102.05	ng		94
64)	C645 Anthracene	11.52	178	1912362	102.80	ng		95
65)	C647 carbazole	11.70	167	1879984	104.78	ng		97
66)	C650 Di-n-butylphthalate	12.05	149	2216635	105.70	ng		92
67)	C655 Fluoranthene	12.64	202	2363536	102.65	ng		92
69)	C715 Pyrene	12.85	202	2439675	106.14	ng		88
70)	C710 benzidine	12.77	184	1151249	110.01	ng		97
72)	C720 Butylbenzylphthalate	13.43	149	1085744	108.45	ng	#	68
73)	C725 3,3'-Dichlorobenzidin	13.90	252	828517	113.89	ng		97
74)	C730 Benzo[a]anthracene	13.92	228	2280135	105.55	ng		97
75)	C735 Chrysene	13.95	228	2188991	103.15	ng		94
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	1472352	105.74	ng		91
77)	C760 Di-n-octylphthalate	14.46	149	2616360	110.79	ng		95
79)	C765 Benzo[b]fluoranthene	14.86	252	2447890	115.01	ng		88
80)	C770 Benzo[k]fluoranthene	14.89	252	1997471	97.28	ng		90
81)	C775 Benzo[a]pyrene	15.17	252	2090421	110.09	ng		96
82)	C780 Indeno[1,2,3-cd]pyren	16.38	276	2572079	116.77	ng		82
83)	C785 Dibenz[a,h]anthracene	16.39	278	2187431	117.07	ng		90
84)	C790 Benzo[g,h,i]perylene	16.71	276	2129441	115.69	ng		89

(#) = qualifier out of range (m) = manual integration

Data File : D:\DATA\080508\V30377.D Vial: 6
Acq On : 5 Aug 2008 10:45 Operator: MD
Sample : SSTD160 Inst : HP5973V
Misc : 8270 (06/24/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:09 2008 Quant Results File: 8270-A8I0575.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:10:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30377.D
Acq On : 5 Aug 2008 10:45
Sample : SSTD160
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:09:25 2008

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:09:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\V30372.D (5 Aug 2008 8:35)

Internal Standards	R.T.	QIon	Response	Conc.	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	136859	40.00	ng		0.00 88.04%
20) CI40 Naphthalene-d8	7.45	136	491918	40.00	ng		0.00 86.41%
35) CI50 Acenaphthene-d10	9.71	164	275834	40.00	ng		0.00 85.46%
56) CI60 Phenanthrene-d10	11.44	188	603573	40.00	ng		0.00 86.99%
68) CI70 Chrysene-d12	13.93	240	582349	40.00	ng		0.00 85.13%
78) CI75 Perylene-d12	15.23	264	516803	40.00	ng		0.00 91.01%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.09	112	841673	163.57	ng		0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 109.05%				
5) CS45 Phenol-d5	5.34	99	1075761	162.58	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 108.39%				
6) CS70 2-chlorophenol-d4	5.50	132	764056	161.75	ng		0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 107.83%				
12) CS75 1,2-dichlorobenzene-d	6.00	152	492624	160.11	ng		0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 160.11%#				
21) CS20 Nitrobenzene-d5	6.53	82	1049770	167.04	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 167.04%#				
39) CS25 2-Fluorobiphenyl	8.86	172	1649818	159.26	ng		0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 159.26%#				
59) CS55 2,4,6-Tribromophenol	10.68	330	225383	170.24	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 113.49%				
71) CS30 Terphenyl-d14	12.99	244	2183419	165.71	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 165.71%#				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	2.53	74	670897	171.39	ng		98
4) C325 bis(2-Chloroethyl)eth	5.47	93	949677	159.89	ng		84
7) C315 Phenol	5.35	94	1161882	158.46	ng	#	70
8) C330 2-Chlorophenol	5.53	128	774781	159.08	ng	#	72
9) C320 aniline	5.37	93	1441379	158.99	ng	#	4
10) C335 1,3-Dichlorobenzene	5.72	146	845076	157.46	ng		94
11) C340 1,4-Dichlorobenzene	5.82	146	841920	156.90	ng		98
13) C350 1,2-Dichlorobenzene	6.01	146	767651	155.39	ng		97
14) C345 Benzyl alcohol	6.00	108	548152	164.11	ng	#	46
15) C360 bis(2-chloroisopropyl	6.17	45	1810355	154.34	ng		86
16) C355 2-Methylphenol	6.15	108	750237	162.08	ng		99
17) C375 Hexachloroethane	6.45	117	391455	158.87	ng		96
18) C370 N-Nitroso-di-n-propyl	6.35	70	708693	160.34	ng	#	75
19) C365 4-Methylphenol	6.36	108	793257	163.26	ng		93
22) C410 Nitrobenzene	6.56	77	1116213	160.82	ng		80
23) C415 Isophorone	6.88	82	1891721	166.40	ng		90
24) C430 benzoic acid	7.35	122	1520258m	526.66	ng	#	1
25) C420 2-Nitrophenol	6.97	139	402647	180.50	ng	#	49

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30377.D
Acq On : 5 Aug 2008 10:45
Sample : SSTD160
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:09:25 2008

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0575.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:09:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.05	107	943001	168.83	ng		81
27)	C435 bis(2-Chloroethoxy)me	7.17	93	1075992	160.17	ng		95
28)	C440 2,4-Dichlorophenol	7.29	162	637649	161.51	ng		89
29)	C445 1,2,4-Trichlorobenzen	7.38	180	708297	161.32	ng		98
30)	C450 Naphthalene	7.49	128	2083047	155.69	ng		96
31)	C455 4-Chloroaniline	7.58	127	901868	164.93	ng		98
32)	C460 Hexachlorobutadiene	7.65	225	551196	163.02	ng		95
33)	C465 4-Chloro-3-methylphen	8.22	107	798519	170.03	ng	#	74
34)	C470 2-Methylnaphthalene	8.38	142	1398118	161.95	ng		98
36)	C510 Hexachlorocyclopentad	8.58	237	623019	171.49	ng		98
37)	C515 2,4,6-Trichlorophenol	8.76	196	502316	179.80	ng		97
38)	C520 2,4,5-Trichlorophenol	8.80	196	536734	175.97	ng		99
40)	C525 2-Chloronaphthalene	9.01	162	1357474	159.75	ng		92
41)	C530 2-Nitroaniline	9.16	65	648275	173.35	ng	#	60
42)	C540 Acenaphthylene	9.54	152	2260583	161.46	ng		97
43)	C535 Dimethylphthalate	9.41	163	1631903	163.87	ng		96
44)	C542 2,6-Dinitrotoluene	9.49	165	367150	178.76	ng	#	68
45)	C550 Acenaphthene	9.76	153	1389466	160.60	ng		96
46)	C545 3-Nitroaniline	9.17	138	489462	174.22	ng		77
47)	C555 2,4-Dinitrophenol	9.84	184	229493	186.61	ng		88
48)	C565 Dibenzofuran	9.98	168	1987048	155.76	ng		91
49)	C570 2,4-Dinitrotoluene	10.00	165	488150	172.19	ng	#	57
50)	C560 4-Nitrophenol	9.96	109	409945	167.83	ng	#	69
51)	C590 Fluorene	10.40	166	1665258	160.27	ng		92
52)	C585 4-Chlorophenyl-phenyl	10.41	204	875997	160.90	ng		98
53)	C580 Diethylphthalate	10.30	149	1714951	160.99	ng		98
54)	C620 1,2 diphenylhydrazine	10.60	77	2033076	156.96	ng		91
55)	C595 4-Nitroaniline	10.47	138	401674	169.79	ng	#	53
57)	C610 4,6-Dinitro-2-methylp	10.48	198	284152	173.66	ng		100
58)	C615 n-Nitrosodiphenylamin	10.56	169	1200120	163.47	ng		96
60)	C625 4-Bromophenyl-phenyle	10.96	248	491723	168.19	ng		92
61)	C630 Hexachlorobenzene	11.02	284	502457	167.41	ng		93
62)	C635 Pentachlorophenol	11.25	266	310018	170.16	ng		96
63)	C640 Phenanthrene	11.47	178	2311872	155.59	ng		95
64)	C645 Anthracene	11.52	178	2371578	153.81	ng		93
65)	C647 carbazole	11.70	167	2365732	158.90	ng		95
66)	C650 Di-n-butylphthalate	12.05	149	2771052	159.96	ng		94
67)	C655 Fluoranthene	12.64	202	2985424	156.77	ng		93
69)	C715 Pyrene	12.85	202	3051503	157.53	ng		91
70)	C710 benzidine	12.77	184	1495854	169.60	ng		97
72)	C720 Butylbenzylphthalate	13.43	149	1377488	164.43	ng	#	68
73)	C725 3,3'-Dichlorobenzidin	13.90	252	1074660	175.73	ng		96
74)	C730 Benzo[a]anthracene	13.92	228	2899297	159.94	ng		93
75)	C735 Chrysene	13.96	228	2751341	154.63	ng		93
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	1872371	161.33	ng		88
77)	C760 Di-n-octylphthalate	14.46	149	3222933	163.63	ng		93
79)	C765 Benzo[b]fluoranthene	14.86	252	2989412	158.56	ng		88
80)	C770 Benzo[k]fluoranthene	14.89	252	2733124	154.18	ng		90
81)	C775 Benzo[a]pyrene	15.18	252	2679040	161.79	ng		94
82)	C780 Indeno[1,2,3-cd]pyren	16.38	276	3395124	178.38	ng		82
83)	C785 Dibenz[a,h]anthracene	16.39	278	2893476	179.18	ng		91
84)	C790 Benzo[g,h,i]perylene	16.72	276	2769741	173.79	ng		89

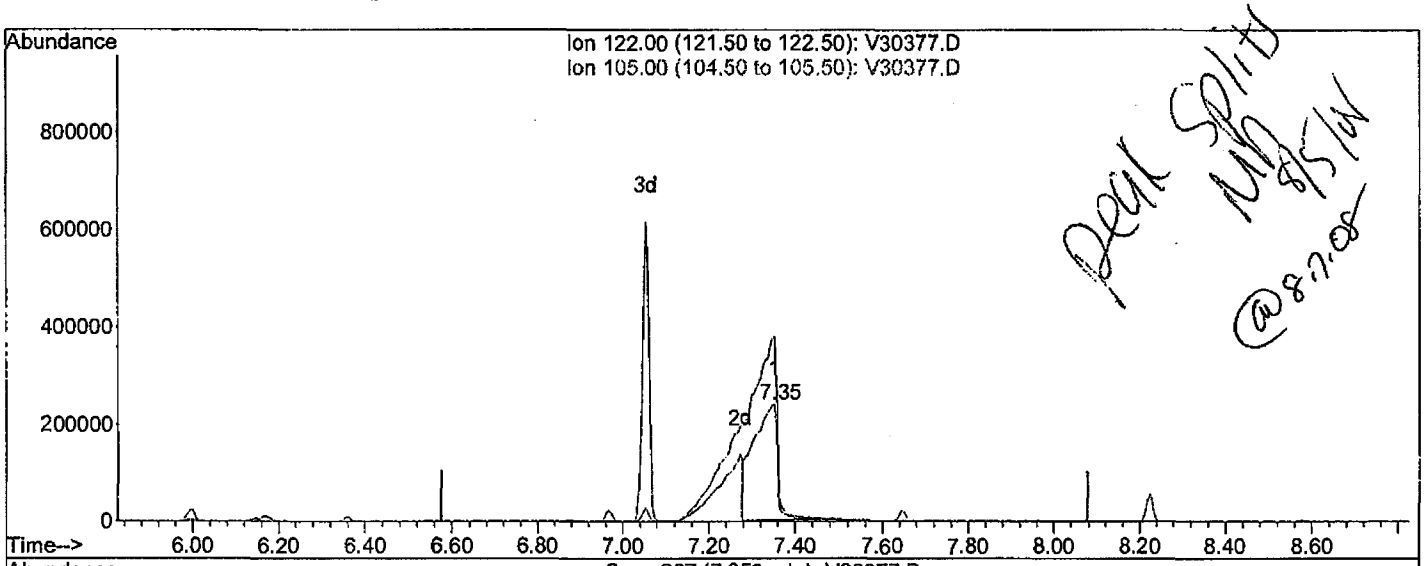
(#) = qualifier out of range (m) = manual integration

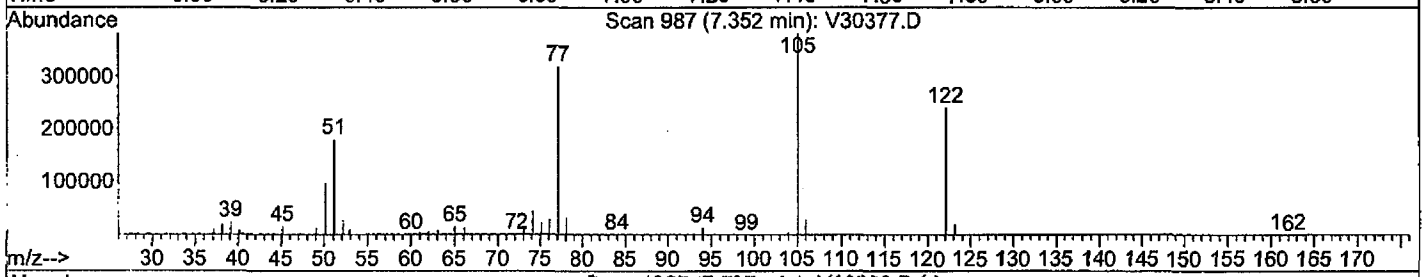
Quantitation Report (Qedit)

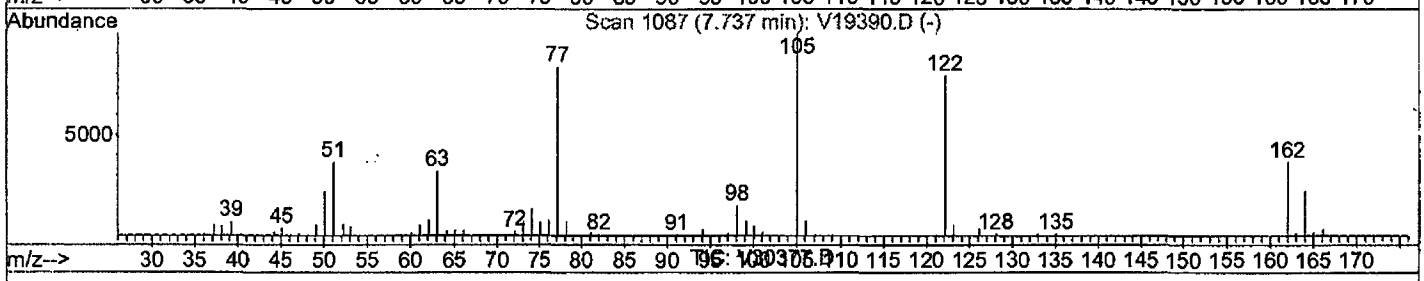
Data File : D:\DATA\080508\V30377.D
Acq On : 5 Aug 2008 10:45
Sample : SSTD160
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:09 2008

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:09:17 2008
Response via : Multiple Level Calibration







(24) C430 benzoic acid (T)

7.35min 336.59ng

response 933539

Ion	Exp%	Act%
122.00	100	100
105.00	116.60	248.46#
0.00	0.00	0.00
0.00	0.00	0.00

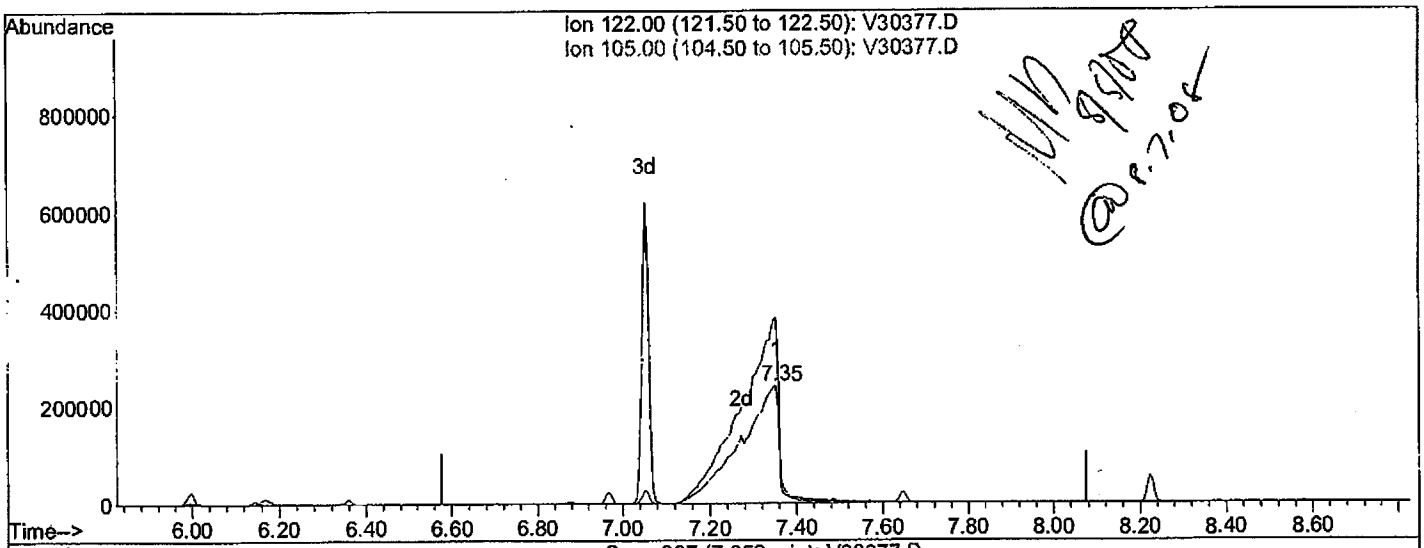
Quantitation Report (Qedit)

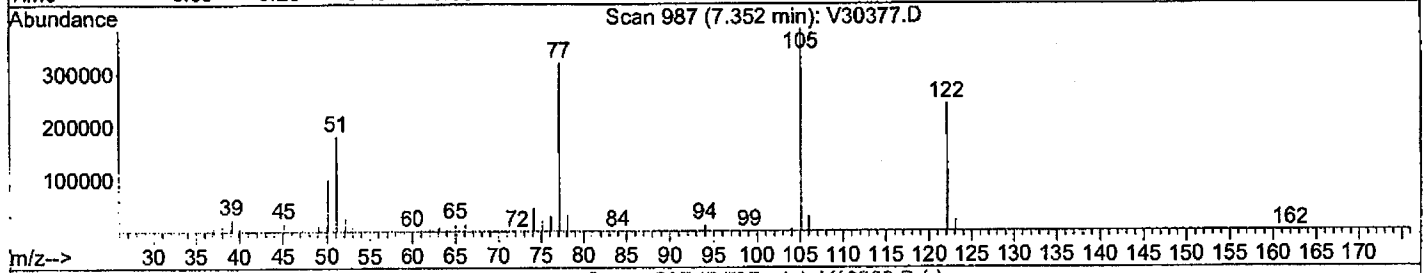
Data File : D:\DATA\080508\V30377.D
Acq On : 5 Aug 2008 10:45
Sample : SSTD160
Misc : 8270 (06/24/08)
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:09 2008

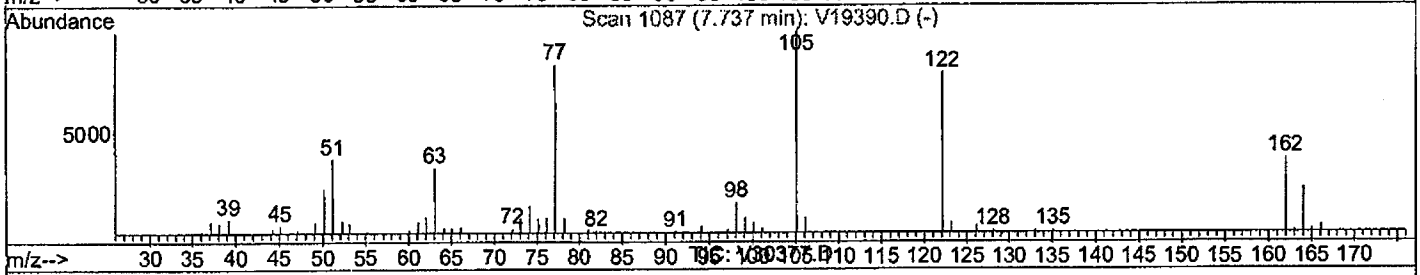
Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0575.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:09:17 2008
Response via : Multiple Level Calibration







(24) C430 benzoic acid (T)

7.35min 526.66ng m

response 1520258

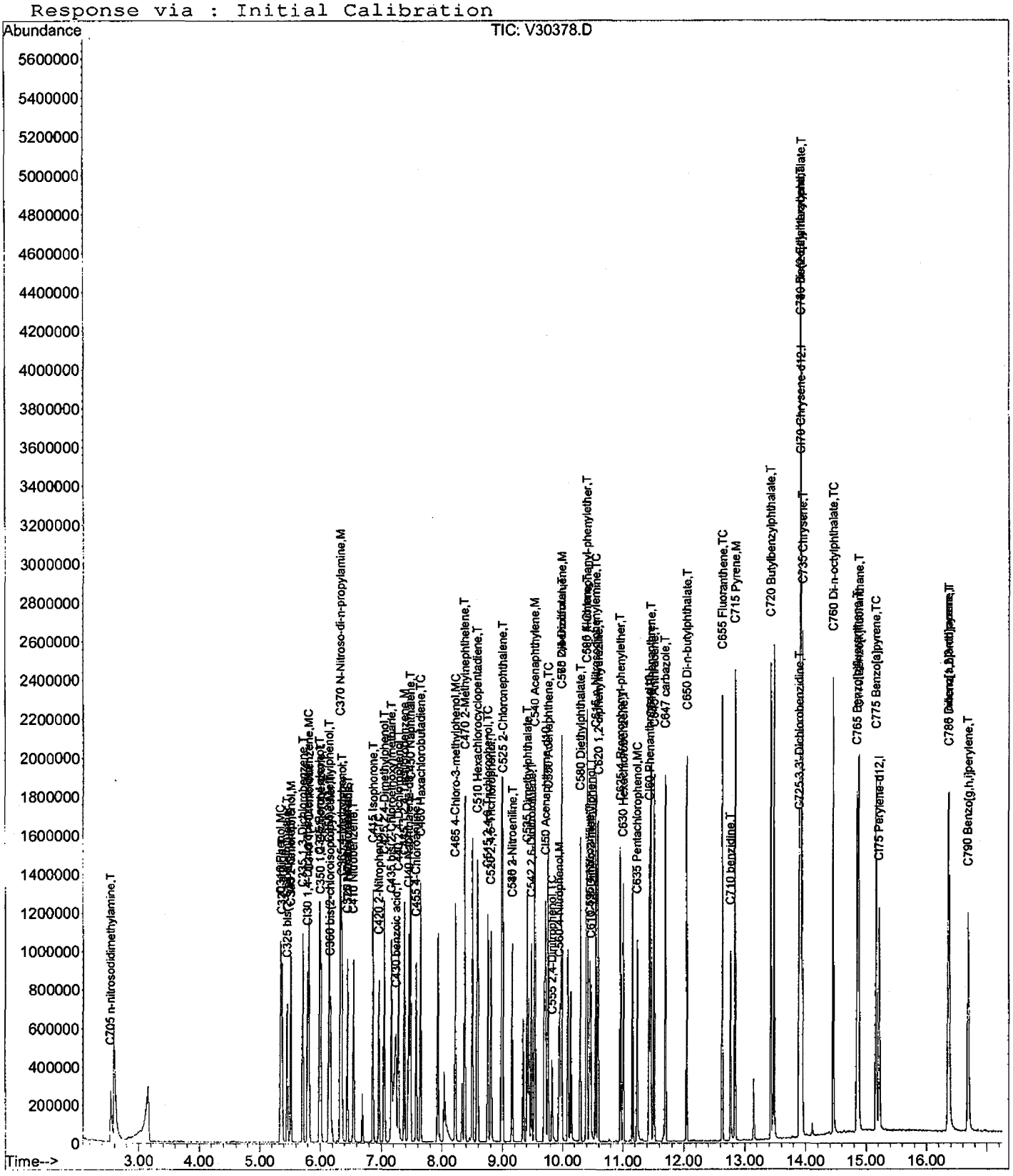
Ion	Exp%	Act%
122.00	100	100
105.00	116.60	152.57#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\080508\V30378.D
Acq On : 5 Aug 2008 11:08
Sample : CHECK050
Misc : 2ND SC (06/03/08
MS Integration Params: RTEINT.P
Quant Time: Aug 5 11:26 2008

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:14:49 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\080508\V30378.D
Acq On : 5 Aug 2008 11:08
Sample : CHECK050
Misc : 2ND SC (06/03/08
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:26:21 2008

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:14:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\V30372.D (5 Aug 2008 8:35)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.79	152	141859	40.00	ng	0.00 91.26%
20) CI40 Naphthalene-d8	7.45	136	482984	40.00	ng	0.00 84.84%
35) CI50 Acenaphthene-d10	9.71	164	274715	40.00	ng	0.00 85.12%
56) CI60 Phenanthrene-d10	11.43	188	513263	40.00	ng	0.00 73.98%
68) CI70 Chrysene-d12	13.92	240	513437	40.00	ng	0.00 75.06%
78) CI75 Perylene-d12	15.22	264	475509	40.00	ng	0.00 83.74%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount 150.000	Range 21 - 110		Recovery =	0.00%#		
5) CS45 Phenol-d5	5.51	99	18691	2.72	ng	0.19
Spiked Amount 150.000	Range 10 - 110		Recovery =	1.81%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.45	82	32704	5.29	ng	-0.07
Spiked Amount 100.000	Range 34 - 114		Recovery =	5.29%#		
39) CS25 2-Fluorobiphenyl	8.81	172	240	0.02	ng	-0.05
Spiked Amount 100.000	Range 43 - 116		Recovery =	0.02%#		
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount 150.000	Range 10 - 123		Recovery =	0.00%#		
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng	
Spiked Amount 100.000	Range 33 - 141		Recovery =	0.00%#		

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.53	74	199033	46.95	ng	97
4) C325 bis(2-Chloroethyl)eth	5.46	93	283633	46.01	ng #	80
7) C315 Phenol	5.34	94	370789	48.67	ng	80
8) C330 2-Chlorophenol	5.51	128	242046	47.78	ng #	72
9) C320 aniline	5.37	93	417449	44.38	ng	88
10) C335 1,3-Dichlorobenzene	5.71	146	271507	48.95	ng	98
11) C340 1,4-Dichlorobenzene	5.81	146	268881	48.48	ng	99
13) C350 1,2-Dichlorobenzene	6.01	146	248582	48.58	ng	98
14) C345 Benzyl alcohol	5.99	108	176820	50.97	ng #	60
15) C360 bis(2-chloroisopropyl	6.17	45	543922	44.52	ng	87
16) C355 2-Methylphenol	6.15	108	243471	50.67	ng	97
17) C375 Hexachloroethane	6.45	117	127660	50.14	ng	96
18) C370 N-Nitroso-di-n-propyl	6.34	70	217403	47.45	ng #	79
19) C365 4-Methylphenol	6.35	108	256200	50.58	ng	84
22) C410 Nitrobenzene	6.55	77	346736	50.71	ng	79
23) C415 Isophorone	6.87	82	556436	49.66	ng	91
24) C430 benzoic acid	7.25	122	297678	134.51	ng #	58
25) C420 2-Nitrophenol	6.96	139	123511	55.92	ng #	50

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\080508\V30378.D
Acq On : 5 Aug 2008 11:08
Sample : CHECK050
Misc : 2ND SC (06/03/08
MS Integration Params: RTEINT.P
Quant Time: Aug 05 11:26:21 2008

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 11:14:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	7.05	107	294557	53.46	ng		83
27)	C435 bis(2-Chloroethoxy)me	7.17	93	331071	50.05	ng		93
28)	C440 2,4-Dichlorophenol	7.28	162	202682	52.16	ng		91
29)	C445 1,2,4-Trichlorobenzen	7.38	180	227034	52.78	ng		95
30)	C450 Naphthalene	7.48	128	723099	54.97	ng		96
31)	C455 4-Chloroaniline	7.57	127	256355	47.63	ng		96
32)	C460 Hexachlorobutadiene	7.65	225	170865	51.42	ng		96
33)	C465 4-Chloro-3-methylphen	8.22	107	251160	54.24	ng	#	77
34)	C470 2-Methylnaphthalene	8.38	142	493985	58.15	ng		96
36)	C510 Hexachlorocyclopentad	8.58	237	168076	50.12	ng		93
37)	C515 2,4,6-Trichlorophenol	8.75	196	154219	55.36	ng		94
38)	C520 2,4,5-Trichlorophenol	8.81	196	157849	51.79	ng		97
40)	C525 2-Chloronaphthalene	9.00	162	448896	53.04	ng		95
41)	C530 2-Nitroaniline	9.16	65	199905	53.65	ng	#	68
42)	C540 Acenaphthylene	9.53	152	736615	52.94	ng		96
43)	C535 Dimethylphthalate	9.41	163	493333	49.93	ng		97
44)	C542 2,6-Dinitrotoluene	9.48	165	109307	53.52	ng	#	68
45)	C550 Acenaphthene	9.76	153	413443	48.03	ng		97
46)	C545 3-Nitroaniline	9.16	138	152314	54.42	ng		78
47)	C555 2,4-Dinitrophenol	9.82	184	57958	52.62	ng		82
48)	C565 Dibenzofuran	9.98	168	643584	50.79	ng		95
49)	C570 2,4-Dinitrotoluene	9.99	165	155765	55.37	ng	#	55
50)	C560 4-Nitrophenol	9.94	109	117478	51.91	ng	#	64
51)	C590 Fluorene	10.39	166	570067	55.19	ng		93
52)	C585 4-Chlorophenyl-phenyl	10.40	204	288071	53.14	ng		97
53)	C580 Diethylphthalate	10.29	149	550133	52.07	ng		98
54)	C620 1,2 diphenylhydrazine	10.58	77	675672	52.37	ng		92
55)	C595 4-Nitroaniline	10.45	138	129142	55.04	ng	#	56
57)	C610 4,6-Dinitro-2-methylp	10.47	198	87185	66.21	ng		100
58)	C615 n-Nitrosodiphenylamin	10.55	169	468106	74.93	ng		96
60)	C625 4-Bromophenyl-phenyle	10.96	248	151314	60.83	ng		96
61)	C630 Hexachlorobenzene	11.01	284	160828	63.00	ng		91
62)	C635 Pentachlorophenol	11.24	266	108413	74.58	ng		96
63)	C640 Phenanthrene	11.46	178	766619	60.64	ng		98
64)	C645 Anthracene	11.51	178	760260	58.02	ng		98
65)	C647 carbazole	11.69	167	783137	61.85	ng		98
66)	C650 Di-n-butylphthalate	12.05	149	876644	59.64	ng		96
67)	C655 Fluoranthene	12.63	202	976852	60.51	ng		93
69)	C715 Pyrene	12.84	202	1008349	58.77	ng		90
70)	C710 benzidine	12.77	184	384955	49.25	ng		99
72)	C720 Butylbenzylphthalate	13.42	149	471199	63.97	ng	#	67
73)	C725 3,3'-Dichlorobenzidin	13.89	252	271749	49.98	ng		96
74)	C730 Benzo[a]anthracene	13.91	228	936950	58.55	ng		98
75)	C735 Chrysene	13.94	228	883825	56.31	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.91	149	591363	58.09	ng		91
77)	C760 Di-n-octylphthalate	14.45	149	1010079	58.29	ng		97
79)	C765 Benzo[b]fluoranthene	14.85	252	852223	48.49	ng		89
80)	C770 Benzo[k]fluoranthene	14.88	252	884666	54.45	ng		89
81)	C775 Benzo[a]pyrene	15.17	252	944962	61.95	ng		94
82)	C780 Indeno[1,2,3-cd]pyren	16.36	276	890311	51.35	ng		85
83)	C785 Dibenz[a,h]anthracene	16.37	278	769183	52.28	ng		93
84)	C790 Benzo[g,h,i]perylene	16.69	276	796426	54.92	ng		90

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000599-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973W Calibration Dates(s): 08/11/2008 08/11/2008

Calibration Times: 12:25 14:19

Lab File ID: RRF5 = W25606.RR RRF20 = W25607.RR RRF50 = W25608.RR
RRF80 = W25609.RR RRF120 = W25610.RR RRF160 = W25611.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.070	0.117	0.120	0.128	0.130	0.134	0.1170	20.200
Atrazine	0.191	0.207	0.210	0.210	0.217	0.214	0.2080	4.300
Acetophenone	2.026	2.225	2.186	2.242	2.337	2.253	2.2110	4.700
Biphenyl	1.523	1.683	1.604	1.580	1.650	1.590	1.6050	3.500
Benzaldehyde	1.288	1.409	1.400	1.437	1.467	1.424	1.4040	4.400

Comments:

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\TCLADDS_2008\
Method File : A8I0000599.M
Title : TCL ADDS
Last Update : Mon Aug 11 15:57:59 2008
Response Via : Initial Calibration

TCL ADDS (18I...0599)

Calibration Files
5 =W25606.D 20 =W25607.D 50 =W25608.D
80 =W25609.D 120 =W25610.D 160 =W25611.D

		Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30 1,4-Dichlorobenz	----------ISTD----------							
2)	TC	E600 Benzaldehyde	1.288	1.409	1.400	1.437	1.467	1.424	1.404	4.38#
3)		E145 Acetophenone	2.026	2.225	2.186	2.242	2.337	2.253	2.211	4.67
4)	I	CI40 Naphthalene-d8	----------ISTD----------							
5)		E655 Caprolactam	0.070	0.117	0.120	0.128	0.130	0.134	-----	
								L	M= 0.136 R=0.999	
									B= -0.014	
6)		E195 1,2,4,5-Tetrac	0.281	0.296	0.284	0.286	0.293	0.287	0.288	1.94
7)	I	CI50 Acenaphthene-d8	----------ISTD----------							
8)		C811 1,1'-Biphenyl	1.523	1.683	1.604	1.580	1.650	1.589	1.605	3.49
9)		E230 2,3,4,6-Tetrac	0.199	0.262	0.273	0.279	0.307	0.305	0.271	14.48
10)	I	CI60 Phenanthrene-d10	----------ISTD----------							
11)		E510 Atrazine	0.191	0.207	0.210	0.210	0.217	0.214	0.208	4.31
12)	I	CI70 Chrysene-d12	----------ISTD----------							
13)	I	CI75 Perylene-d12	----------ISTD----------							
								Total Average %RSD		5.55

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000599.M Mon Aug 11 15:58:23 2008

Date: 08/11/2008 ICC Profile Page: 1
Time: 16:20:58 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7 1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3 1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4 sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0 m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2 1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1 1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4 1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4 1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1 Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0 1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9 1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7 1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3 2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2 2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0 2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5 2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5 2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL 2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9 2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F 2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5 2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7 2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8 2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8 2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9 2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0 2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0 2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4 2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0 2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3 2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2 2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1 2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7 2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8 2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8 2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7 2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7 3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4 3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8 3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1 3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2 3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0 3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5 3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0 3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH 3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7 3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8 3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5 3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4 3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4 4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1 4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9 4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR 4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5 4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8 5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6 7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2 Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3 Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8 Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3 Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2 Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5 Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5 Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2 Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4 Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4 Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0 Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9 Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6 Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4 Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4 Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9 Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5 2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7 Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5 Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8 Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6 Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3 Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4 Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4 Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0 Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3 Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7 Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4 Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7 Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6 Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0 Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1 Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0 Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5 Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3 Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0 Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2 N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7 N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3 N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5 N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9 N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6 N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2 N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4 N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2 N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1 O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4 o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamida	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphata	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

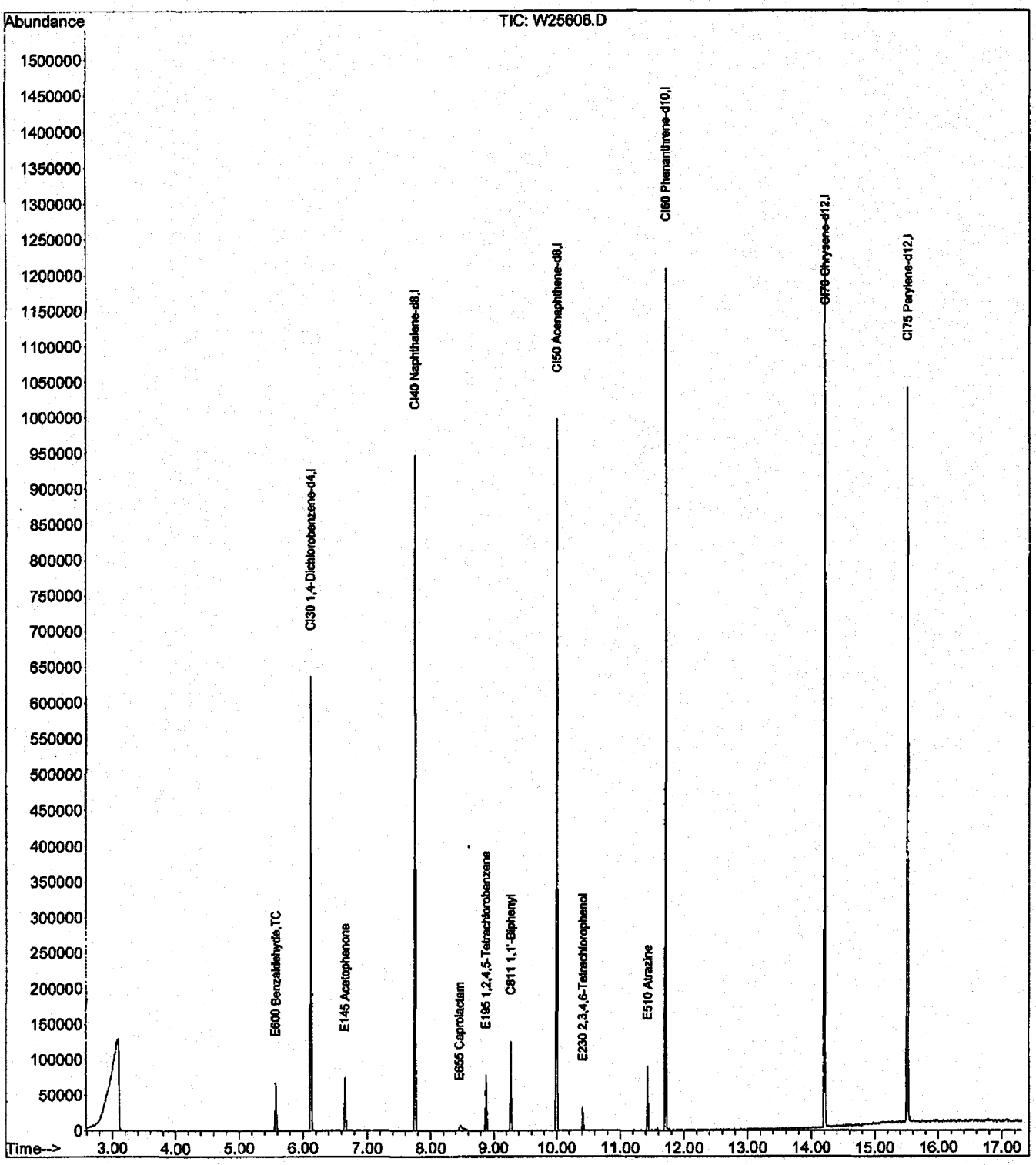
ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998 100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999 TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25606.D Vial: 9
Acq On : 11 Aug 2008 12:25 Operator: JLG
Sample : SSTD005 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 11 15:56:49 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25606.D Vial: 9
Acq On : 11 Aug 2008 12:25 Operator: JLG
Sample : SSTD005 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:56:49 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\081108\W25608.D (11 Aug 2008 13:10)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	106452	40.00	ng		0.00 98.14%
4) CI40 Naphthalene-d8	7.75	136	456888	40.00	ng		0.00 98.90%
7) CI50 Acenaphthene-d8	10.00	164	251429	40.00	ng		0.00 98.12%
10) CI60 Phenanthrene-d10	11.71	188	450093	40.00	ng		0.00 99.30%
12) CI70 Chrysene-d12	14.20	240	439772	40.00	ng		0.00 100.57%
13) CI75 Perylene-d12	15.51	264	384218	40.00	ng		0.00 99.63%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.57	77	17139	4.59	ng		83
3) E145 Acetophenone	6.65	105	26962	4.58	ng		81
5) E655 Caprolactam	8.46	113	4015m	3.36	ng	#	74
6) E195 1,2,4,5-Tetrachlorobe	8.88	216	16057	4.88	ng	#	100
8) C811 1,1'-Biphenyl	9.27	154	47875	4.75	ng		95
9) E230 2,3,4,6-Tetrachloroph	10.41	232	6269	3.68	ng		95
11) E510 Atrazine	11.43	200	10743	4.59	ng		93

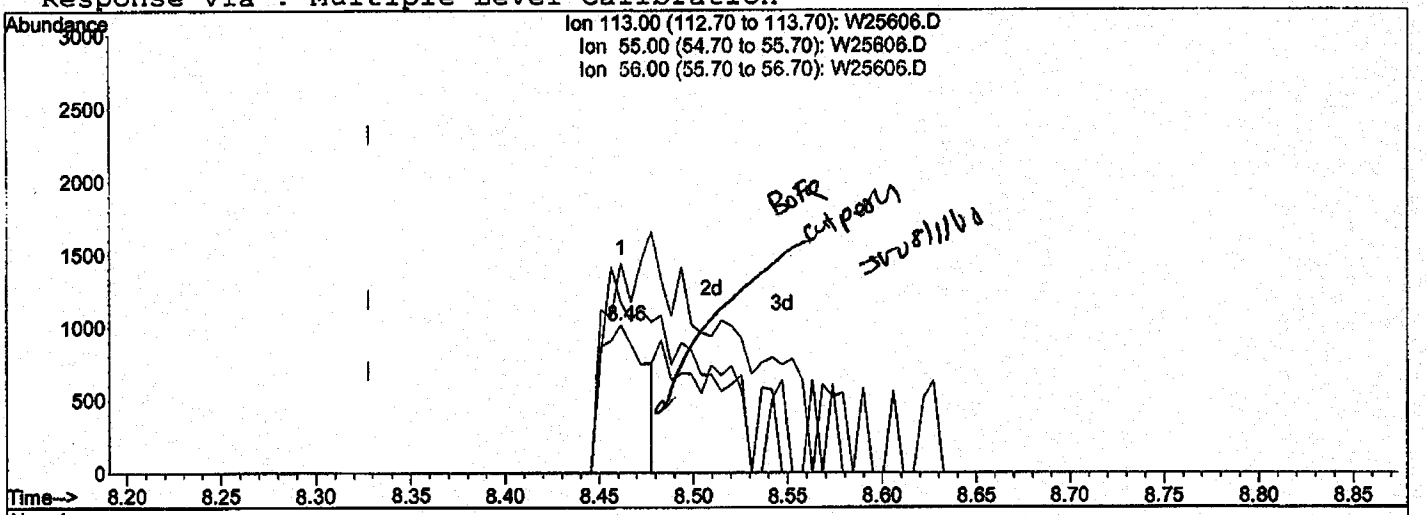
(#) = qualifier out of range (m) = manual integration (+) = signals summed

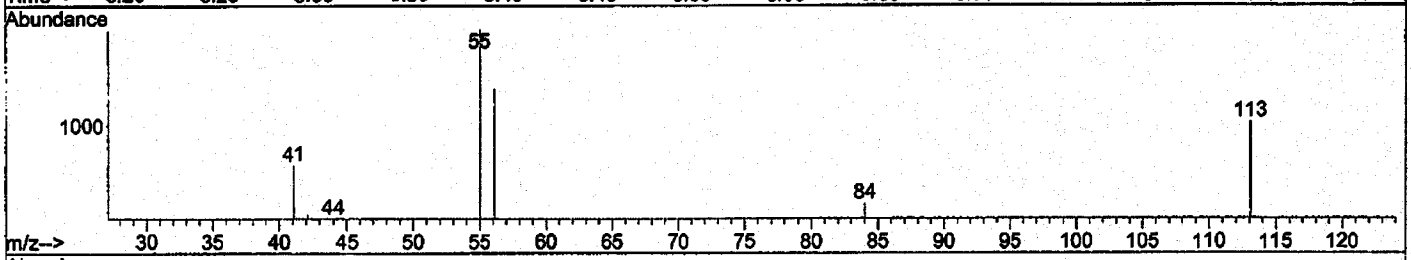
Quantitation Report (Qedit)

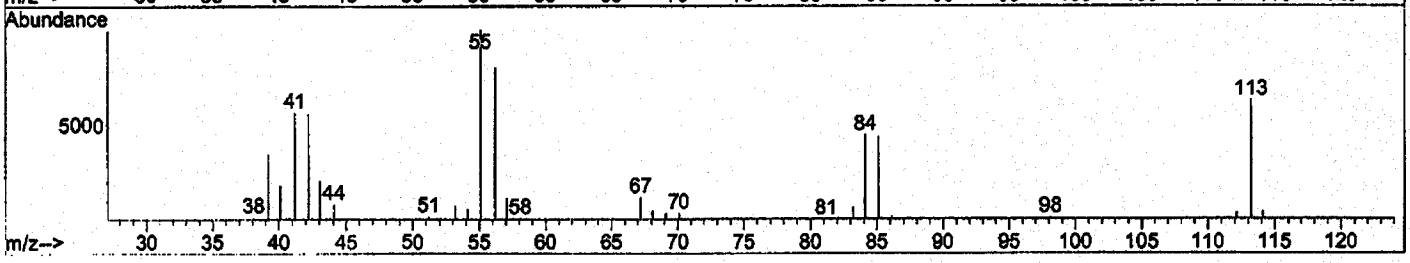
Data File : C:\MSDChem\1\DATA\081108\W25606.D
Acq On : 11 Aug 2008 12:25
Sample : SSTD005
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 15:56:39 2008

Vial: 9
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...008\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Multiple Level Calibration







TIC: W25606.D

(5) E655 Caprolactam

8.46min (+0.134) 1.39ng

response 1660

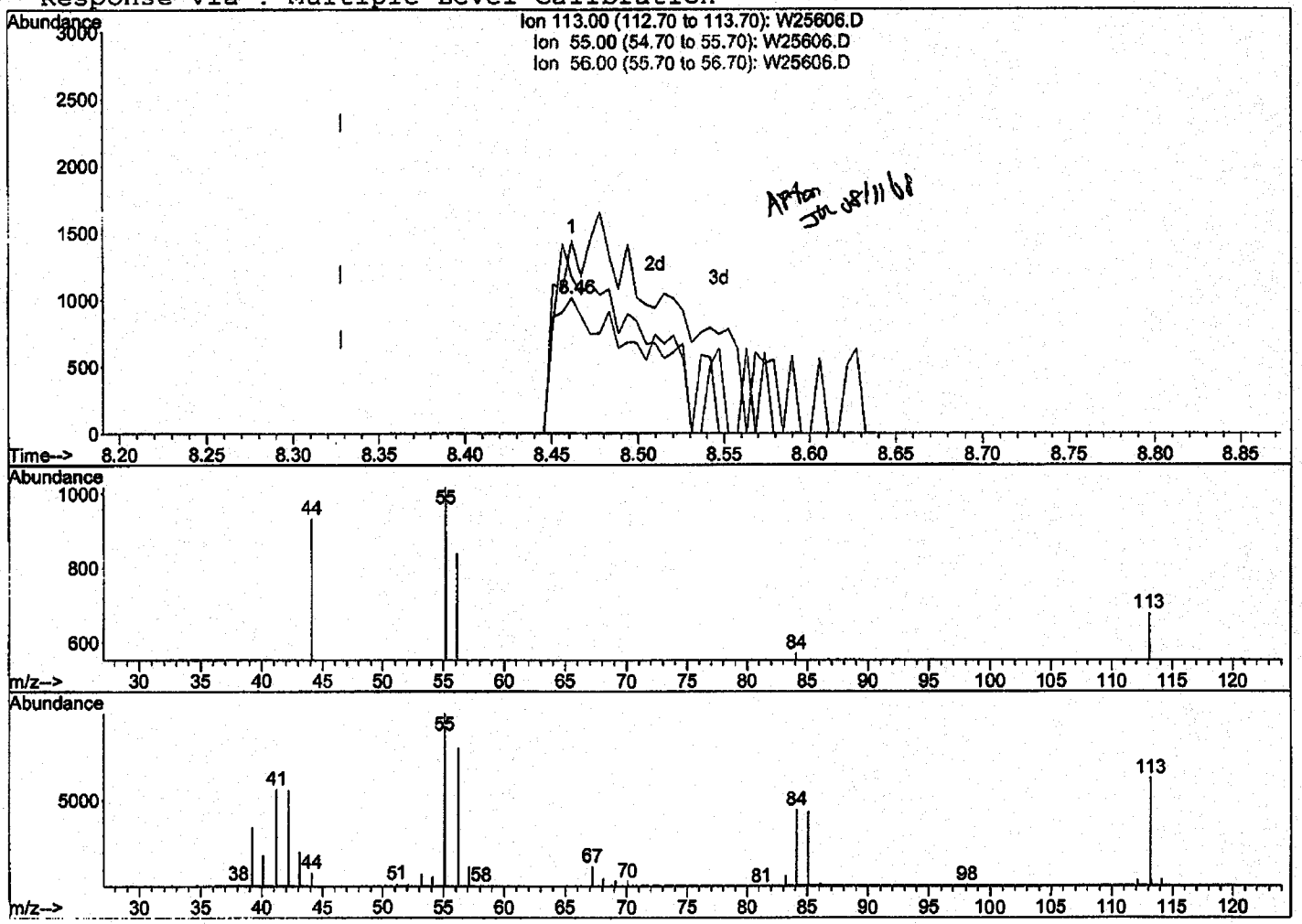
Ion	Exp%	Act%
113.00	100	100
55.00	186.30	141.94#
56.00	140.30	115.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\081108\W25606.D
Acq On : 11 Aug 2008 12:25
Sample : SSTD005
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 15:56:39 2008

Vial: 9
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...008\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Multiple Level Calibration



TIC: W25606.D

(5) E655 Caprolactam

8.46min (+0.134) 3.36ng m

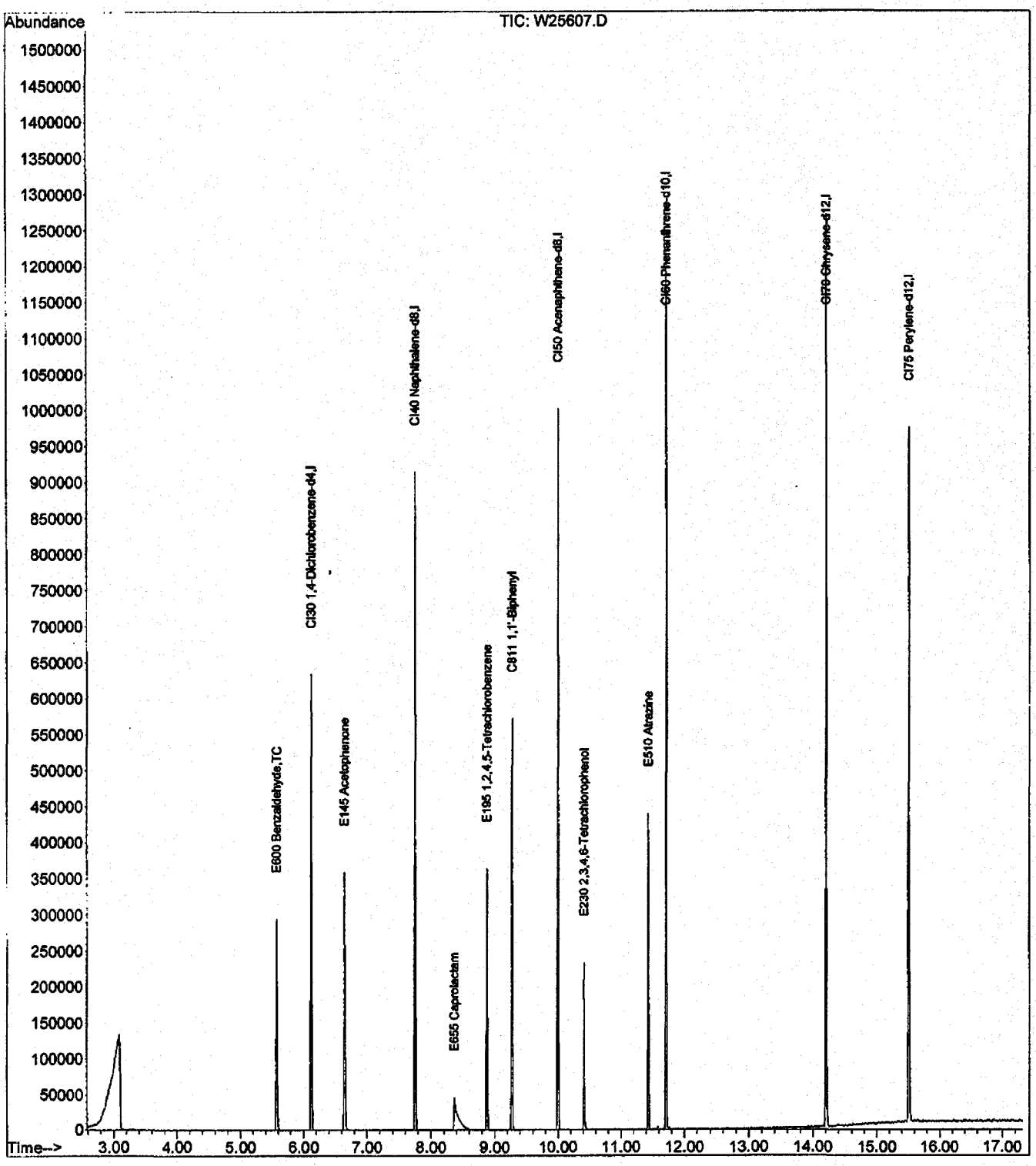
response 4015

Ion	Exp%	Act%
113.00	100	100
55.00	186.30	141.94#
56.00	140.30	115.42#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25607.D Vial: 10
Acq On : 11 Aug 2008 12:48 Operator: JLG
Sample : SSTD020 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 11 15:56:23 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25607.D Vial: 10
Acq On : 11 Aug 2008 12:48 Operator: JLG
Sample : SSTD020 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:56:23 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\081108\W25608.D (11 Aug 2008 13:10)

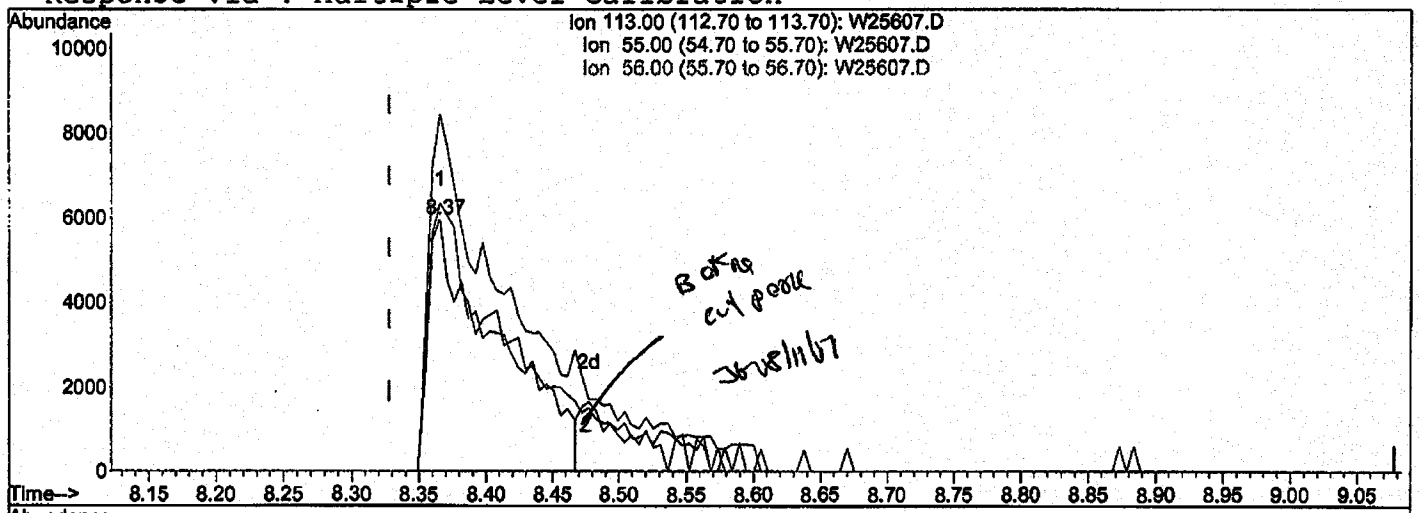
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	106458	40.00	ng		0.00 98.14%
4) CI40 Naphthalene-d8	7.75	136	443491	40.00	ng		0.00 96.00%
7) CI50 Acenaphthene-d8	10.00	164	250199	40.00	ng		0.00 97.64%
10) CI60 Phenanthrene-d10	11.71	188	441147	40.00	ng		0.00 97.32%
12) CI70 Chrysene-d12	14.20	240	425245	40.00	ng		0.00 97.25%
13) CI75 Perylene-d12	15.51	264	373780	40.00	ng		0.00 96.93%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.57	77	74996	20.07	ng		86
3) E145 Acetophenone	6.65	105	118426	20.12	ng		88
5) E655 Caprolactam	8.37	113	25969m	22.42	ng	#	70
6) E195 1,2,4,5-Tetrachlorobe	8.88	216	65666	20.58	ng	#	100
8) C811 1,1'-Biphenyl	9.27	154	210513	20.97	ng		97
9) E230 2,3,4,6-Tetrachloroph	10.41	232	32795	19.36	ng		95
11) E510 Atrazine	11.43	200	45597	19.89	ng		96

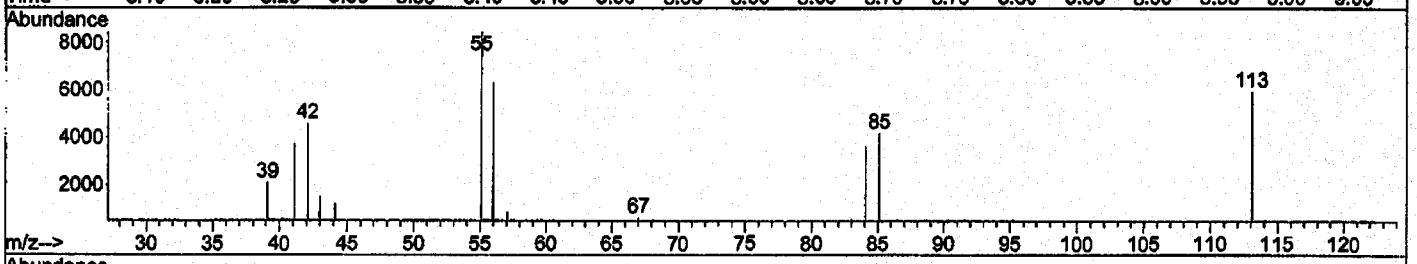
(#) = qualifier out of range (m) = manual integration (+) = signals summed

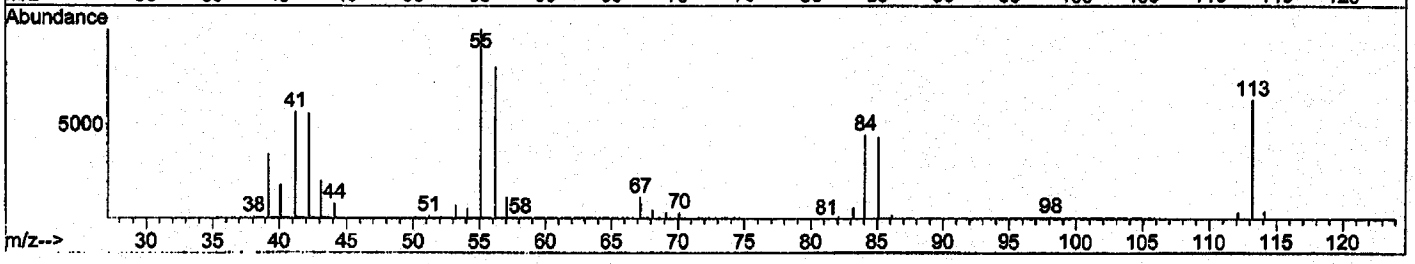
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\081108\W25607.D Vial: 10
Acq On : 11 Aug 2008 12:48 Operator: JLG
Sample : SSTD020 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:56:12 2008

Method : C:\MSDCHEM\1\MET...008\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Multiple Level Calibration







TIC: W25607.D

(5) E655 Caprolactam

8.37min (+0.037) 18.65ng

response 21604

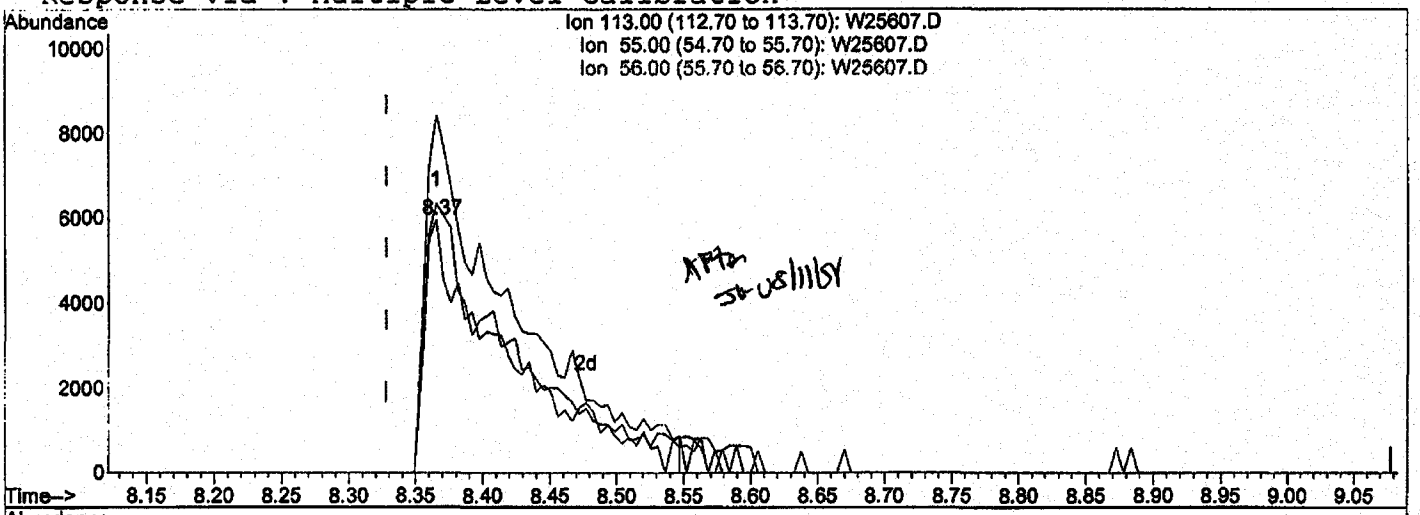
Ion	Exp%	Act%
113.00	100	100
55.00	186.30	141.52#
56.00	140.30	106.29#
0.00	0.00	0.00

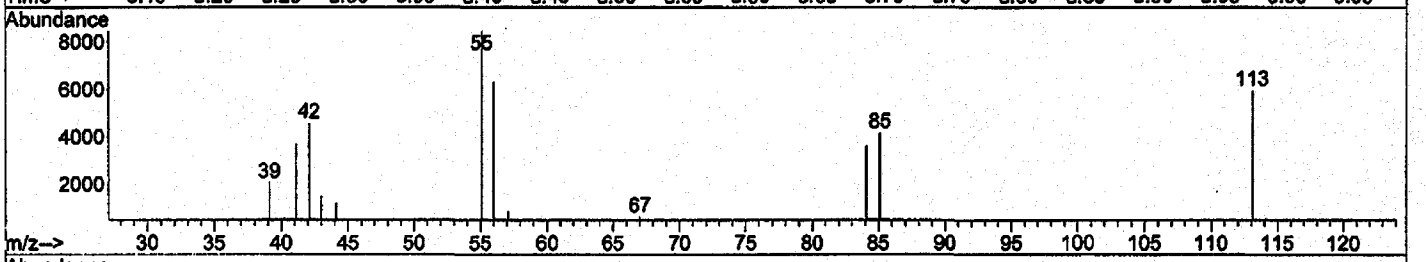
Quantitation Report (Qedit)

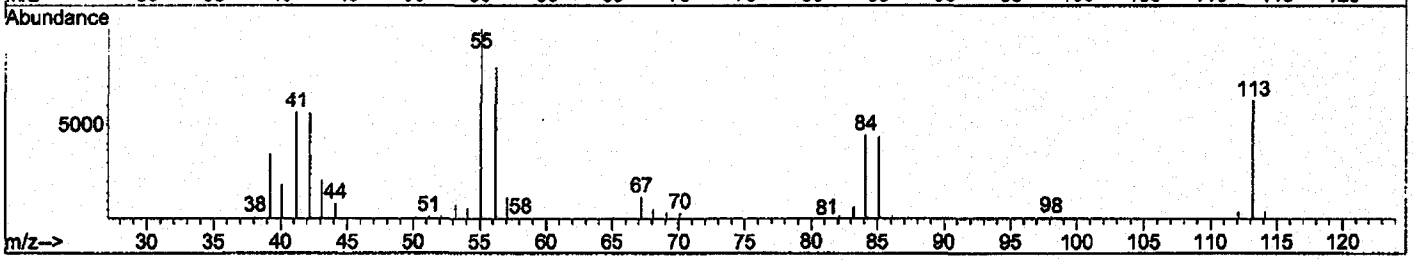
Data File : C:\MSDChem\1\DATA\081108\W25607.D
Acq On : 11 Aug 2008 12:48
Sample : SSTD020
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 15:56:12 2008

Vial: 10
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...008\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Multiple Level Calibration







TIC: W25607.D

(5) E655 Caprolactam

8.37min (+0.037) 22.42ng m

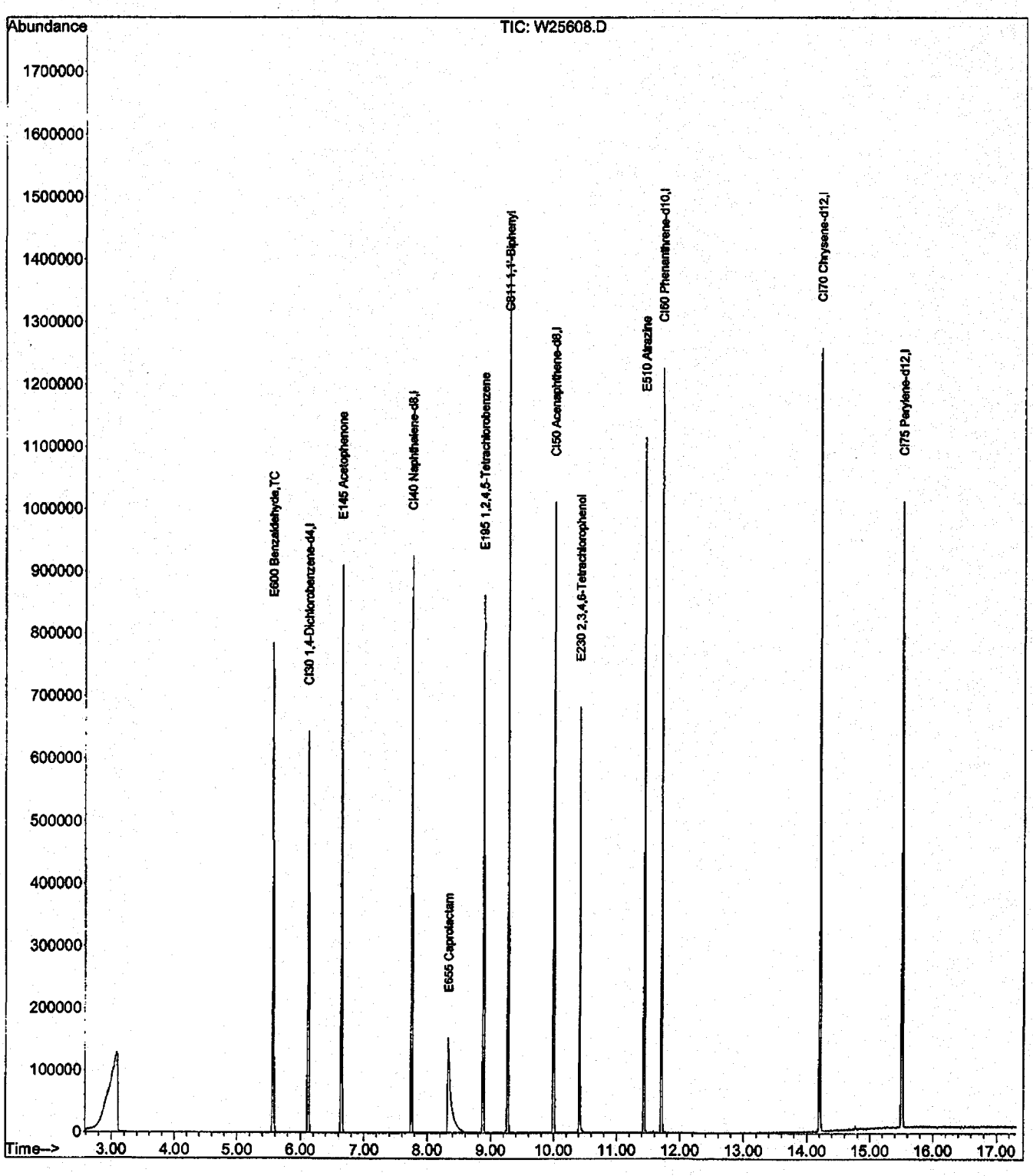
response 25969

Ion	Exp%	Act%
113.00	100	100
55.00	186.30	141.52#
56.00	140.30	106.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25608.D Vial: 11
Acq On : 11 Aug 2008 13:10 Operator: JLG
Sample : SSTD050 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 11 15:54:25 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:53:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25608.D Vial: 11
Acq On : 11 Aug 2008 13:10 Operator: JLG
Sample : SSTD050 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:54:25 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:53:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\081108\W25608.D (11 Aug 2008 13:10)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	108474	40.00	ng		0.00 100.00%
4) CI40 Naphthalene-d8	7.75	136	461949	40.00	ng		0.00 100.00%
7) CI50 Acenaphthene-d8	10.00	164	256245	40.00	ng		0.00 100.00%
10) CI60 Phenanthrene-d10	11.71	188	453288	40.00	ng		0.00 100.00%
12) CI70 Chrysene-d12	14.20	240	437279	40.00	ng		0.00 100.00%
13) CI75 Perylene-d12	15.51	264	385634	40.00	ng		0.00 100.00%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.57	77	189781	49.84	ng		86
3) E145 Acetophenone	6.65	105	296438	49.43	ng		89
5) E655 Caprolactam	8.33	113	69393m	57.52	ng	#	73
6) E195 1,2,4,5-Tetrachlorobe	8.88	216	163940	49.32	ng	#	100
8) C811 1,1'-Biphenyl	9.27	154	513855	49.98	ng		96
9) E230 2,3,4,6-Tetrachloroph	10.41	232	87335	50.34	ng		97
11) E510 Atrazine	11.44	200	118973	50.51	ng		95

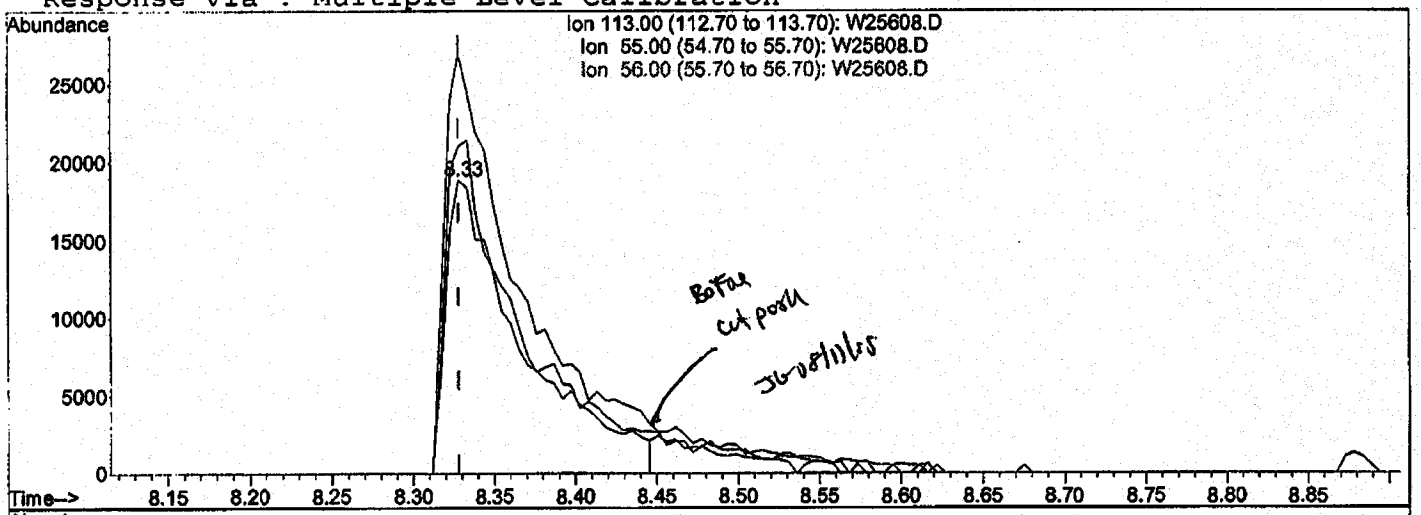
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\081108\W25608.D
Acq On : 11 Aug 2008 13:10
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 15:54:11 2008

Vial: 11
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...008\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:53:58 2008
Response via : Multiple Level Calibration



TIC: W25608.D

(5) E655 Caprolactam

8.33min (0.000) 51.52ng

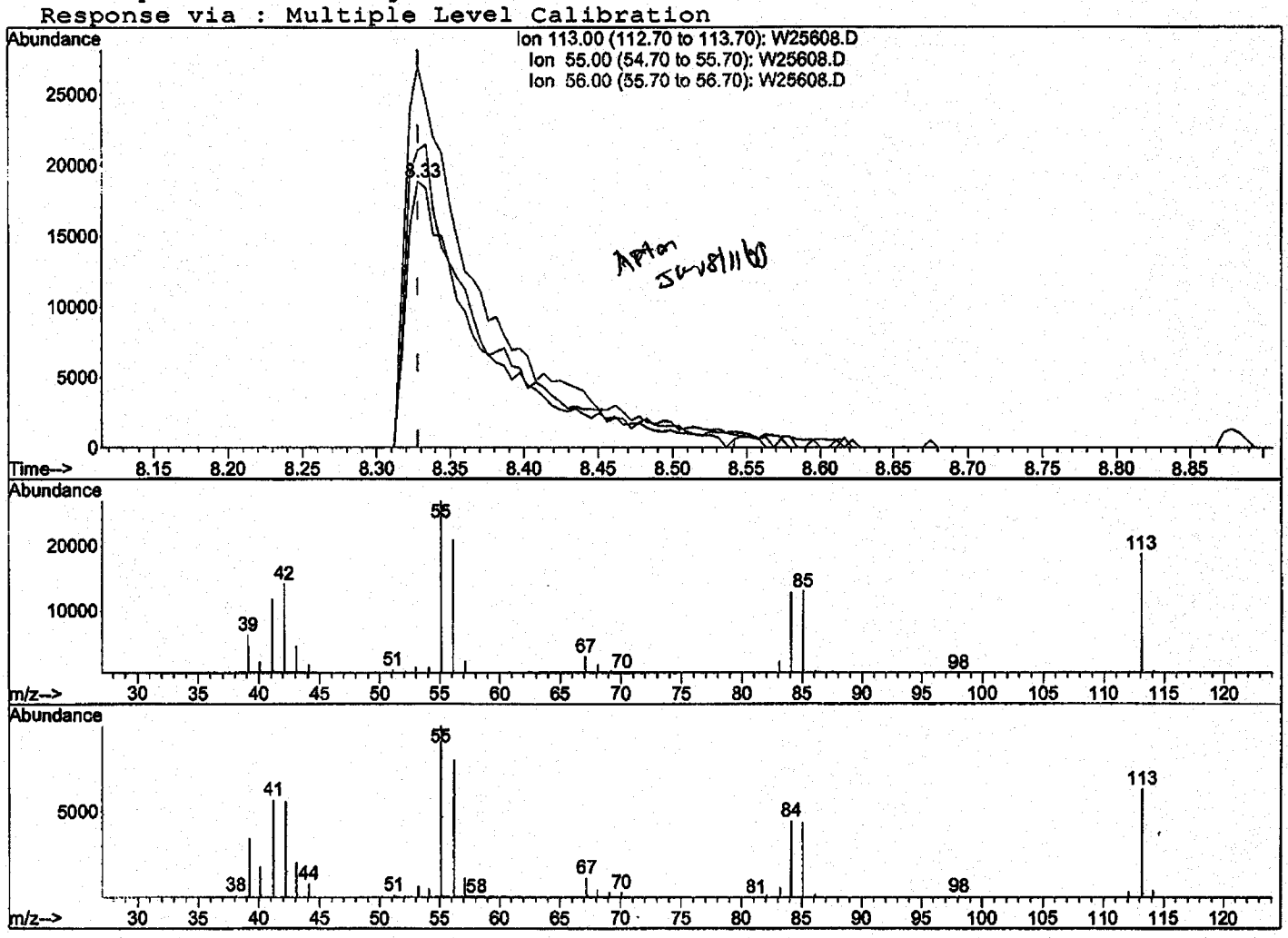
response 62154

Ion	Exp%	Act%
113.00	100	100
55.00	186.30	143.01#
56.00	140.30	111.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\081108\W25608.D Vial: 11
Acq On : 11 Aug 2008 13:10 Operator: JLG
Sample : SSTD050 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:54:11 2008

Method : C:\MSDCHEM\1\MET...008\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:53:58 2008
Response via : Multiple Level Calibration



TIC: W25608.D

(5) E655 Caprolactam

8.33min (0.000) 57.52ng m

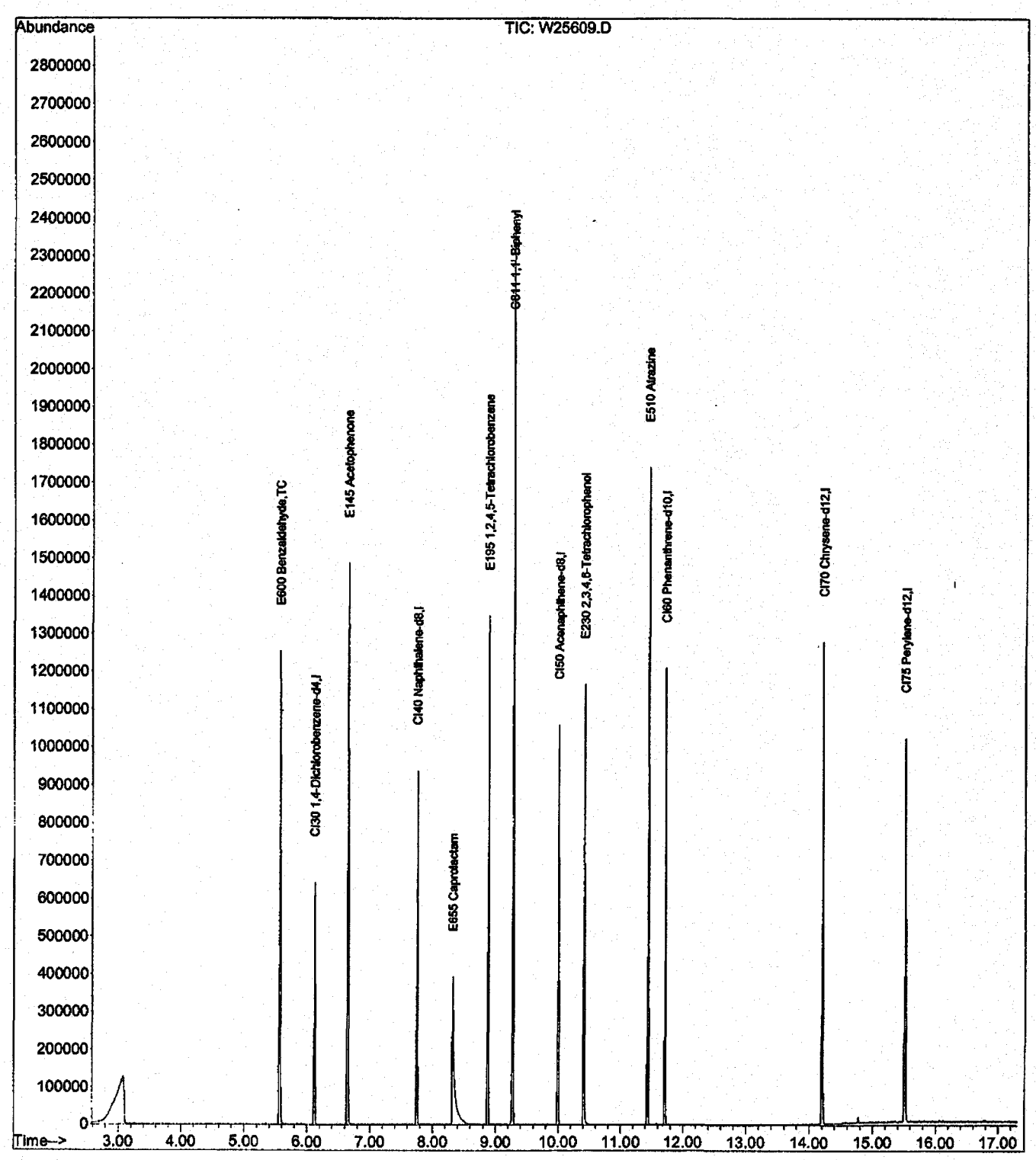
response 69393

Ion	Exp%	Act%
113.00	100	100
55.00	186.30	143.01#
56.00	140.30	111.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25609.D Vial: 12
Acq On : 11 Aug 2008 13:34 Operator: JLG
Sample : SSTD080 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 11 15:55:41 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25609.D Vial: 12
Acq On : 11 Aug 2008 13:34 Operator: JLG
Sample : SSTD080 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:55:41 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\081108\W25608.D (11 Aug 2008 13:10)

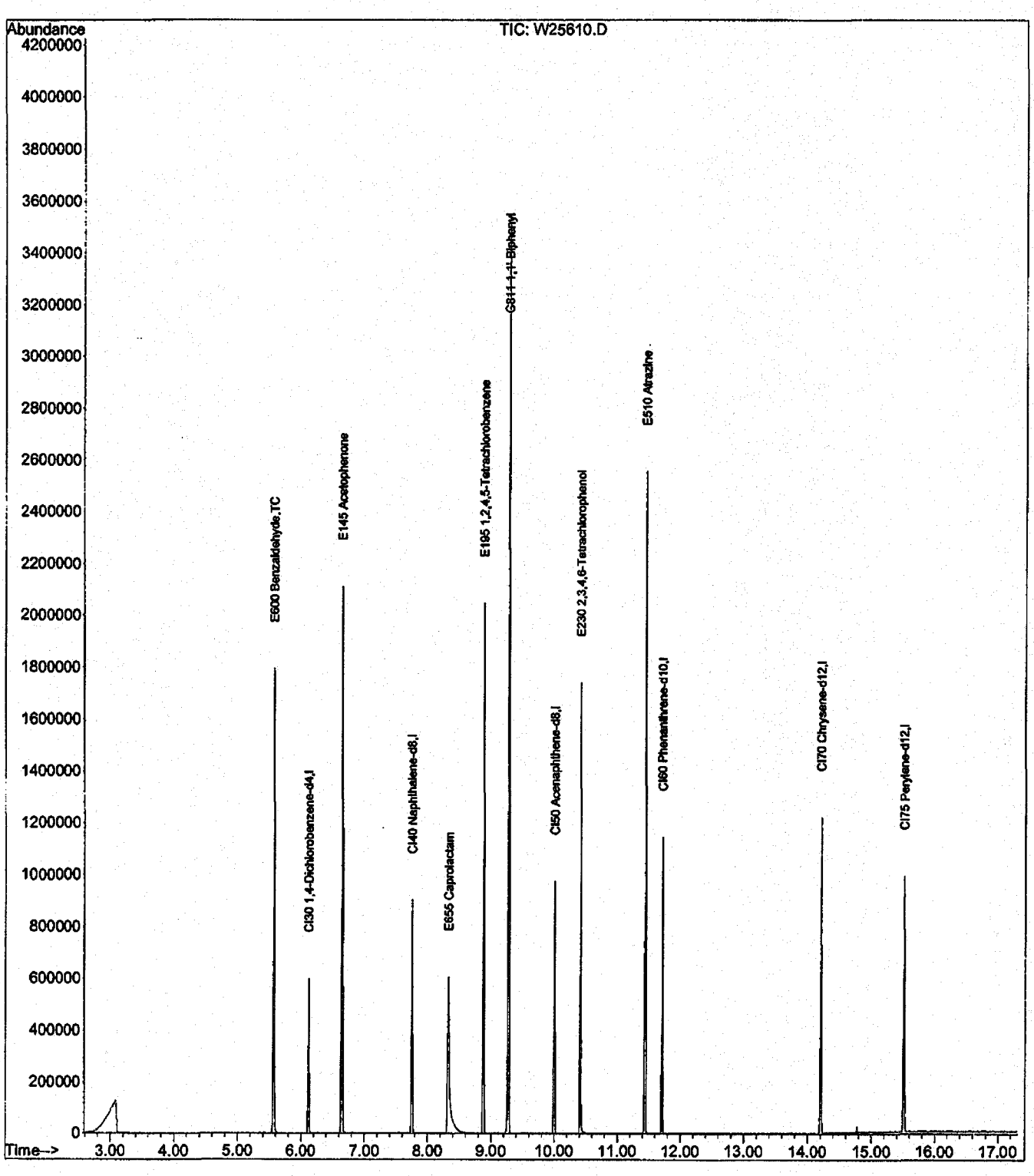
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	106237	40.00	ng	0.00 97.94%
4) CI40 Naphthalene-d8	7.75	136	459925	40.00	ng	0.00 99.56%
7) CI50 Acenaphthene-d8	10.00	164	262064	40.00	ng	0.00 102.27%
10) CI60 Phenanthrene-d10	11.71	188	459875	40.00	ng	0.00 101.45%
12) CI70 Chrysene-d12	14.20	240	448649	40.00	ng	0.00 102.60%
13) CI75 Perylene-d12	15.51	264	384204	40.00	ng	0.00 99.63%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.57	77	305291	81.87	ng	90
3) E145 Acetophenone	6.65	105	476265	81.09	ng	88
5) E655 Caprolactam	8.32	113	118027	98.26	ng	# 74
6) E195 1,2,4,5-Tetrachlorobe	8.88	216	263452	79.60	ng	# 100
8) C811 1,1'-Biphenyl	9.27	154	827885	78.73	ng	97
9) E230 2,3,4,6-Tetrachloroph	10.41	232	146210	82.40	ng	98
11) E510 Atrazine	11.44	200	192706	80.63	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25610.D Vial: 13
Acq On : 11 Aug 2008 13:57 Operator: JLG
Sample : SSTD120 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 11 15:55:17 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25610.D Vial: 13
Acq On : 11 Aug 2008 13:57 Operator: JLG
Sample : SSTD120 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:55:17 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\081108\W25608.D (11 Aug 2008 13:10)

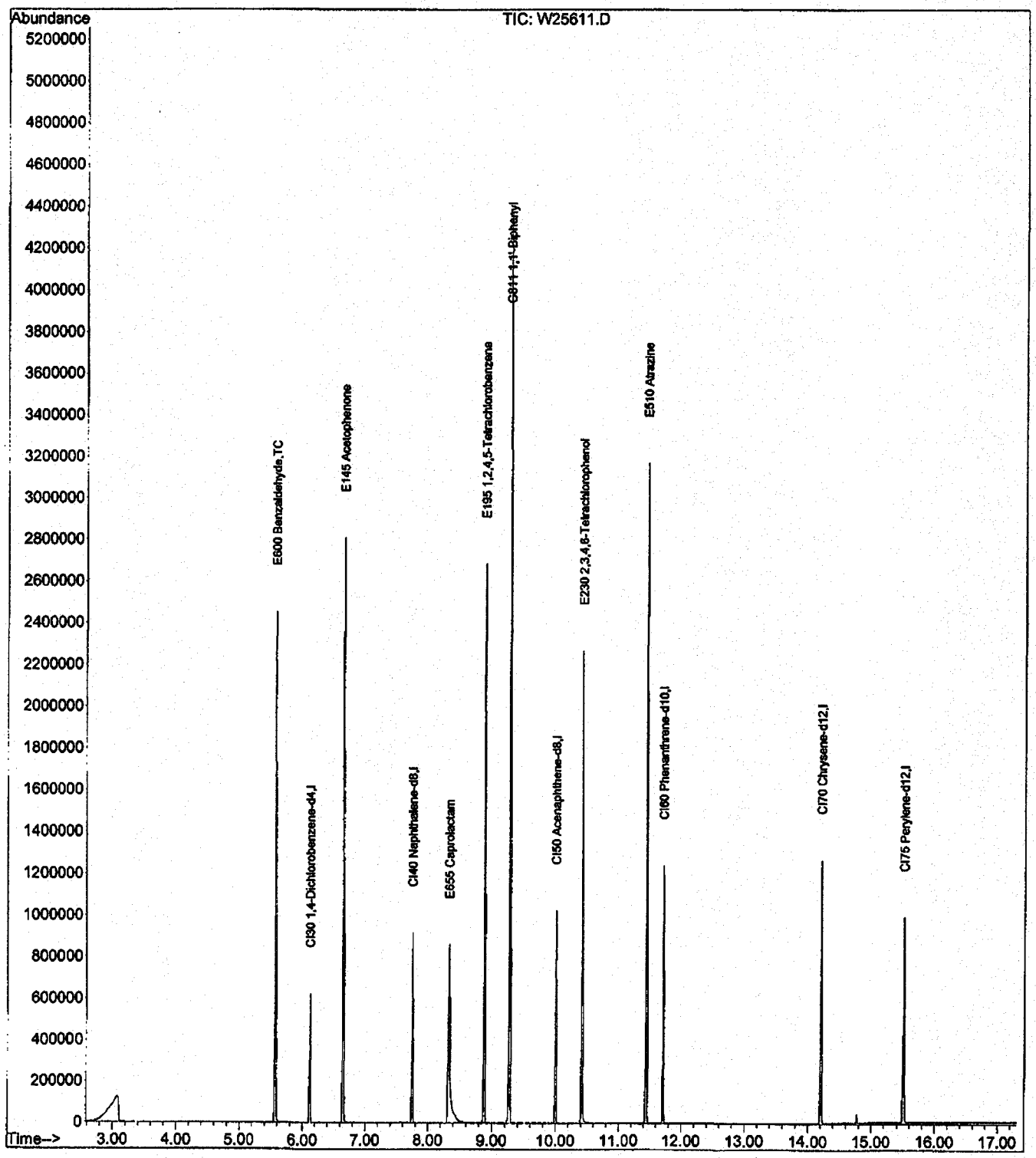
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	100997	40.00	ng	0.00 / 93.11%
4) CI40 Naphthalene-d8	7.75	136	439329	40.00	ng	0.00 / 95.10%
7) CI50 Acenaphthene-d8	10.00	164	246479	40.00	ng	0.00 / 96.19%
10) CI60 Phenanthrene-d10	11.71	188	444633	40.00	ng	0.00 / 98.09%
12) CI70 Chrysene-d12	14.20	240	420775	40.00	ng	0.00 / 96.23%
13) CI75 Perylene-d12	15.51	264	369130	40.00	ng	0.00 / 95.72%
Target Compounds						**Qvalue**
2) E600 Benzaldehyde	5.57	77	444393	125.35	ng	82
3) E145 Acetophenone	6.65	105	707985	126.80	ng	88
5) E655 Caprolactam	8.33	113	171673	149.62	ng	# 70
6) E195 1,2,4,5-Tetrachlorobe	8.88	216	385854	122.05	ng	# 100
8) C811 1,1'-Biphenyl	9.27	154	1220303	123.39	ng	97
9) E230 2,3,4,6-Tetrachloroph	10.42	232	226998	136.02	ng	91
11) E510 Atrazine	11.44	200	288862	125.01	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25611.D Vial: 14
Acq On : 11 Aug 2008 14:19 Operator: JLG
Sample : SSTD160 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 11 15:54:57 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\081108\W25611.D Vial: 14
Acq On : 11 Aug 2008 14:19 Operator: JLG
Sample : SSTD160 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 11 15:54:57 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 15:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\081108\W25608.D (11 Aug 2008 13:10)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	104692	40.00	ng		0.00 96.51%
4) CI40 Naphthalene-d8	7.75	136	447270	40.00	ng		0.00 96.82%
7) CI50 Acenaphthene-d8	10.00	164	253792	40.00	ng		0.00 99.04%
10) CI60 Phenanthrene-d10	11.71	188	458528	40.00	ng		0.00 101.16%
12) CI70 Chrysene-d12	14.20	240	438297	40.00	ng		0.00 100.23%
13) CI75 Perylene-d12	15.51	264	384900	40.00	ng		0.00 99.81%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.57	77	596404	162.29	ng		85
3) E145 Acetophenone	6.65	105	943331	162.99	ng		86
5) E655 Caprolactam	8.33	113	239936	205.40	ng	#	71
6) E195 1,2,4,5-Tetrachlorobe	8.88	216	513011	159.39	ng	#	100
8) C811 1,1'-Biphenyl	9.27	154	1613561	158.46	ng		97
9) E230 2,3,4,6-Tetrachloroph	10.42	232	309365	180.04	ng		93
11) E510 Atrazine	11.44	200	391629	164.35	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000639-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973W Calibration Dates(s): 08/26/2008 08/26/2008

Calibration Times: 12:05 18:14

Lab File ID: RRF5 = W25944.RR RRF20 = W25935.RR RRF50 = W25937.RR
RRF80 = W25943.RR RRF120 = W25938.RR RRF160 = W25936.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	*	2.050	2.097	2.023	2.180	2.098	1.994	2.0740	3.200*
Bis(2-chloroethyl) ether		1.768	1.667	1.553	1.658	1.478	1.395	1.5860	8.600
2-Chlorophenol		1.733	1.685	1.633	1.707	1.543	1.462	1.6270	6.500
2-Methylphenol		1.443	1.526	1.453	1.545	1.405	1.320	1.4490	5.700
2,2'-Oxybis(1-Chloropropane		2.679	2.563	2.411	2.537	2.286	2.175	2.4420	7.700
4-Methylphenol		1.543	1.592	1.517	1.593	1.456	1.370	1.5120	5.700
N-Nitroso-Di-n-propylamine	#	1.117	1.112	1.088	1.135	1.036	0.978	1.0780	5.500#
Hexachloroethane		0.660	0.674	0.631	0.669	0.610	0.568	0.6350	6.400
Nitrobenzene		0.372	0.381	0.373	0.382	0.358	0.335	0.3670	4.800
Isophorone		0.705	0.711	0.717	0.739	0.681	0.641	0.6990	4.900
2-Nitrophenol	*	0.172	0.185	0.195	0.201	0.189	0.176	0.1860	6.000*
2,4-Dimethylphenol		0.365	0.378	0.369	0.374	0.349	0.325	0.3600	5.500
Bis(2-chloroethoxy) methane		0.453	0.452	0.432	0.446	0.413	0.384	0.4300	6.300
2,4-Dichlorophenol	*	0.290	0.305	0.312	0.317	0.289	0.272	0.2970	5.600*
Naphthalene		1.158	1.160	1.107	1.120	1.041	0.961	1.0910	7.100
4-Chloroaniline		0.427	0.451	0.442	0.461	0.420	0.397	0.4330	5.300
Hexachlorobutadiene	*	0.185	0.184	0.176	0.186	0.169	0.156	0.1760	6.800*
4-Chloro-3-methylphenol	*	0.285	0.323	0.322	0.326	0.302	0.282	0.3070	6.500*
2-Methylnaphthalene		0.757	0.759	0.730	0.749	0.684	0.640	0.7200	6.700
Hexachlorocyclopentadiene	#	0.257	0.305	0.356	0.374	0.361	0.332	0.3310	13.200#
2,4,6-Trichlorophenol	*	0.313	0.360	0.369	0.377	0.360	0.334	0.3520	6.800*
2,4,5-Trichlorophenol		0.349	0.382	0.400	0.405	0.377	0.360	0.3790	5.800
2-Chloronaphthalene		1.245	1.241	1.221	1.221	1.161	1.061	1.1920	5.900
2-Nitroaniline		0.259	0.306	0.342	0.344	0.331	0.315	0.3160	10.000
Dimethyl phthalate		1.399	1.386	1.365	1.378	1.300	1.209	1.3390	5.400
Acenaphthylene		1.843	1.963	1.950	1.973	1.847	1.711	1.8810	5.400
2,6-Dinitrotoluene		0.239	0.272	0.289	0.305	0.293	0.276	0.2790	8.200
3-Nitroaniline		0.271	0.303	0.357	0.354	0.340	0.317	0.3240	10.200
Acenaphthene	*	1.245	1.179	1.164	1.163	1.100	1.011	1.1440	7.000*
2,4-Dinitrophenol	#	0.016	0.085	0.134	0.149	0.153	0.147	0.1140	47.700#
4-Nitrophenol	#	0.038	0.135	0.163	0.172	0.170	0.159	0.1390	36.900#
Dibenzofuran		1.800	1.773	1.743	1.720	1.636	1.509	1.6970	6.400
2,4-Dinitrotoluene		0.307	0.373	0.411	0.417	0.396	0.376	0.3800	10.600
Diethyl phthalate		1.294	1.312	1.335	1.337	1.252	1.161	1.2820	5.200
4-Chlorophenyl phenyl ether		0.686	0.668	0.653	0.650	0.599	0.555	0.6350	7.700
Fluorene		1.467	1.475	1.447	1.416	1.332	1.234	1.3950	6.800
4-Nitroaniline		0.247	0.300	0.343	0.342	0.341	0.321	0.3160	11.900

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000639-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973W Calibration Dates(s): 08/26/2008 08/26/2008

Calibration Times: 12:05 18:14

Lab File ID: RRF5 = W25944.RR RRF20 = W25935.RR RRF50 = W25937.RR
RRF80 = W25943.RR RRF120 = W25938.RR RRF160 = W25936.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol		0.031	0.096	0.119	0.129	0.124	0.123	0.1040	36.000
N-nitrosodiphenylamine	*	0.562	0.586	0.573	0.576	0.524	0.501	0.5540	6.100*
4-Bromophenyl phenyl ether		0.242	0.225	0.224	0.224	0.207	0.197	0.2200	7.200
Hexachlorobenzene		0.245	0.235	0.230	0.228	0.208	0.198	0.2240	7.800
Pentachlorophenol	*	0.032	0.093	0.113	0.129	0.124	0.121	0.1020	35.800*
Phenanthrene		1.244	1.196	1.157	1.156	1.055	1.006	1.1360	7.800
Anthracene		1.203	1.197	1.199	1.197	1.103	1.048	1.1580	5.700
Di-n-butyl phthalate		1.248	1.310	1.365	1.353	1.255	1.201	1.2890	5.000
Fluoranthene	*	1.234	1.251	1.246	1.238	1.133	1.090	1.1990	5.800*
Pyrene		1.365	1.324	1.322	1.345	1.214	1.156	1.2880	6.500
Butyl benzyl phthalate		0.545	0.553	0.613	0.623	0.561	0.538	0.5720	6.400
3,3'-Dichlorobenzidine		0.386	0.318	0.428	0.435	0.404	0.390	0.3930	10.700
Benzo(a)anthracene		1.223	1.231	1.224	1.200	1.094	1.043	1.1690	6.900
Chrysene		1.412	1.228	1.214	1.215	1.119	1.060	1.2080	9.900
Bis(2-ethylhexyl) phthalate		0.833	0.852	0.889	0.886	0.795	0.750	0.8340	6.500
Di-n-octyl phthalate	*	1.286	1.360	1.485	1.520	1.423	1.358	1.4050	6.200*
Benzo(b)fluoranthene		1.326	1.452	1.394	1.534	1.256	1.264	1.3710	8.000
Benzo(k)fluoranthene		1.559	1.363	1.465	1.349	1.292	1.156	1.3640	10.200
Benzo(a)pyrene	*	1.200	1.230	1.299	1.282	1.183	1.122	1.2190	5.400*
Indeno(1,2,3-cd)pyrene		1.553	1.336	1.447	1.579	1.461	1.410	1.4640	6.200
Dibenzo(a,h)anthracene		1.268	1.177	1.264	1.367	1.268	1.203	1.2580	5.200
Benzo(ghi)perylene		1.431	1.196	1.218	1.339	1.247	1.221	1.2750	7.200
Carbazole		1.076	1.125	1.107	1.115	1.020	0.986	1.0720	5.300
Nitrobenzene-D5		0.336	0.354	0.364	0.365	0.342	0.321	0.3470	4.900
2-Fluorobiphenyl		1.383	1.376	1.360	1.355	1.276	1.169	1.3200	6.300
p-Terphenyl-d14		1.007	0.965	0.983	0.996	0.907	0.865	0.9540	5.900
Phenol-D5		1.947	1.959	1.922	2.038	1.867	1.758	1.9150	5.000
2-Fluorophenol		1.420	1.467	1.431	1.515	1.389	1.318	1.4230	4.700
2,4,6-Tribromophenol		0.069	0.090	0.097	0.101	0.094	0.089	0.0900	12.600

Comments:

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0000639.M
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:46:54 2008
Response Via : Initial Calibration

8270 (A8I...0639)

Calibration Files
5 =W25944.D 20 =W25935.D 50 =W25937.D
80 =W25943.D 120 =W25938.D 160 =W25936.D

			Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	ISTD							
2)	T	C705	n-nitrosodidim	0.657	0.856	0.806	0.906	0.876	0.842	0.824	10.73
3)	S	CS50	2-Fluorophenol	1.420	1.467	1.431	1.515	1.389	1.318	1.423	4.72
4)	TC	C325	bis(2-Chloroet	1.768	1.667	1.553	1.658	1.478	1.395	1.586	8.64
5)	S	CS45	Phenol-d5	1.947	1.959	1.922	2.038	1.867	1.758	1.915	4.97
6)	S	CS70	2-chlorophenol	1.621	1.557	1.524	1.625	1.452	1.373	1.526	6.48
7)	MC	C315	Phenol	2.050	2.097	2.023	2.180	2.097	1.994	2.074	3.18
8)	MC	C330	2-Chlorophenol	1.733	1.685	1.633	1.707	1.543	1.462	1.627	6.47
9)	T	C320	aniline	2.609	2.611	2.543	2.687	2.447	2.269	2.528	5.94
10)	TC	C335	1,3-Dichlorobe	1.869	1.818	1.731	1.800	1.624	1.515	1.726	7.74
11)	MC	C340	1,4-Dichlorobe	1.833	1.837	1.739	1.829	1.644	1.549	1.738	6.88
12)	S	CS75	1,2-dichlorobe	0.984	0.983	0.916	0.948	0.852	0.800	0.914	8.14
13)	TC	C350	1,2-Dichlorobe	1.785	1.781	1.654	1.729	1.552	1.441	1.657	8.30
14)	T	C345	Benzyl alcohol	0.986	1.055	1.074	1.165	1.042	0.984	1.051	6.36
15)	T	C360	bis(2-chlorois	2.679	2.563	2.411	2.537	2.286	2.174	2.442	7.70
16)	TC	C355	2-Methylphenol	1.443	1.526	1.453	1.545	1.405	1.320	1.449	5.67
17)	TC	C375	Hexachloroetha	0.660	0.674	0.631	0.669	0.610	0.568	0.635	6.43
18)	MC	C370	N-Nitroso-di-n	1.117	1.112	1.088	1.135	1.036	0.978	1.078	5.55
19)	TC	C365	4-Methylphenol	1.543	1.592	1.517	1.593	1.456	1.370	1.512	5.69
20)	I	CI40	Naphthalene-d8	ISTD							
21)	S	CS20	Nitrobenzene-d	0.336	0.354	0.364	0.365	0.342	0.321	0.347	4.93
22)	TC	C410	Nitrobenzene	0.372	0.381	0.373	0.382	0.358	0.335	0.367	4.83
23)	TC	C415	Isophorone	0.705	0.711	0.716	0.739	0.681	0.641	0.699	4.89
24)	T	C430	benzoic acid	0.007	0.137	0.183	0.205	0.206	0.196	-----	
								Q	A= -0.014	R=0.988	
									B= 0.434		
									C= -0.821		
25)	TC	C420	2-Nitrophenol	0.172	0.184	0.195	0.201	0.189	0.176	0.186	5.98
26)	TC	C425	2,4-Dimethylph	0.365	0.378	0.368	0.374	0.349	0.325	0.360	5.52
27)	TC	C435	bis(2-Chloroet	0.453	0.452	0.432	0.446	0.413	0.384	0.430	6.29
28)	TC	C440	2,4-Dichloroph	0.290	0.305	0.312	0.317	0.289	0.272	0.297	5.66
29)	MC	C445	1,2,4-Trichlor	0.330	0.324	0.307	0.309	0.287	0.266	0.304	7.83
30)	TC	C450	Naphthalene	1.158	1.160	1.107	1.120	1.041	0.961	1.091	7.06
31)	T	C455	4-Chloroanilin	0.427	0.451	0.442	0.461	0.420	0.397	0.433	5.33
32)	T	C460	Hexachlorobuta	0.185	0.184	0.176	0.186	0.168	0.156	0.176	6.82
33)	MC	C465	4-Chloro-3-met	0.285	0.323	0.322	0.326	0.302	0.282	0.307	6.48
34)	TC	C470	2-Methylnaphth	0.757	0.759	0.730	0.749	0.684	0.640	0.720	6.67
35)	I	CI50	Acenaphthene-d10	ISTD							
36)	T	C510	Hexachlorocycl	0.257	0.305	0.356	0.374	0.361	0.332	0.331	13.24
37)	TC	C515	2,4,6-Trichlor	0.313	0.360	0.368	0.377	0.360	0.334	0.352	6.75
38)	TC	C520	2,4,5-Trichlor	0.349	0.382	0.400	0.405	0.377	0.360	0.379	5.80
39)	S	CS25	2-Fluorobiphen	1.383	1.376	1.360	1.355	1.276	1.169	1.320	6.32
40)	TC	C525	2-Chloronaphth	1.245	1.241	1.221	1.221	1.161	1.061	1.192	5.92
41)	T	C530	2-Nitroaniline	0.259	0.306	0.342	0.344	0.331	0.315	0.316	10.02
42)	MC	C540	Acenaphthylene	1.843	1.963	1.950	1.972	1.846	1.711	1.881	5.38
43)	T	C535	Dimethylphthal	1.399	1.386	1.365	1.378	1.300	1.209	1.339	5.44
44)	TC	C542	2,6-Dinitrotol	0.239	0.272	0.289	0.305	0.293	0.276	0.279	8.23
45)	TC	C550	Acenaphthene	1.245	1.179	1.164	1.163	1.100	1.011	1.144	6.99
46)	T	C545	3-Nitroaniline	0.271	0.303	0.357	0.354	0.339	0.317	0.324	10.25
47)	T	C555	2,4-Dinitrophe	0.016	0.085	0.134	0.149	0.153	0.147	-----	
								Q	A= -0.006	R=0.999	
									B= 0.183		
									C= -0.047		
48)	TC	C565	Dibenzofuran	1.800	1.773	1.743	1.720	1.636	1.509	1.697	6.37

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0000639.M
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:46:54 2008
Response Via : Initial Calibration

Calibration Files
5 =W25944.D 20 =W25935.D 50 =W25937.D
80 =W25943.D 120 =W25938.D 160 =W25936.D

49)	MC	C570	2,4-Dinitrotol	0.307	0.373	0.411	0.417	0.396	0.376	0.380	10.59
50)	M	C560	4-Nitrophenol	0.038	0.135	0.163	0.172	0.169	0.159	-----	
								L	M= 0.169 R=0.995		
									B= -0.013		
51)	TC	C590	Fluorene	1.467	1.475	1.447	1.416	1.332	1.234	1.395	6.78
52)	TC	C585	4-Chlorophenyl	0.686	0.668	0.653	0.650	0.598	0.555	0.635	7.70
53)	T	C580	Diethylphthala	1.294	1.312	1.335	1.337	1.252	1.161	1.282	5.23
54)	T	C620	1,2 diphenylhy	1.370	1.459	1.446	1.412	1.321	1.238	1.374	6.10
55)	T	C595	4-Nitroaniline	0.247	0.300	0.343	0.342	0.341	0.321	0.316	11.92
56)	I	CI60	Phenanthrene-d10	----------ISTD----------							
57)	T	C610	4,6-Dinitro-2-	0.031	0.096	0.118	0.129	0.124	0.123	-----	
								L	M= 0.129 R=0.998		
									B= -0.015		
58)	T	C615	n-Nitrosodiphe	0.562	0.586	0.573	0.576	0.524	0.501	0.554	6.07
59)	S	CS55	2,4,6-Tribromo	0.069	0.090	0.097	0.101	0.094	0.089	0.090	12.58
60)	TC	C625	4-Bromophenyl-	0.242	0.225	0.224	0.224	0.207	0.197	0.220	7.18
61)	TC	C630	Hexachlorobenz	0.245	0.235	0.230	0.228	0.208	0.198	0.224	7.84
62)	MC	C635	Pentachlorophe	0.032	0.093	0.113	0.129	0.124	0.121	-----	
								L	M= 0.128 R=0.997		
									B= -0.016		
63)	TC	C640	Phenanthrene	1.244	1.196	1.157	1.156	1.055	1.006	1.136	7.85
64)	TC	C645	Anthracene	1.203	1.197	1.199	1.197	1.103	1.048	1.158	5.72
65)	T	C647	carbazole	1.076	1.125	1.107	1.115	1.020	0.986	1.072	5.27
66)	T	C650	Di-n-butylphth	1.248	1.310	1.365	1.353	1.255	1.201	1.289	5.01
67)	TC	C655	Fluoranthene	1.234	1.251	1.246	1.238	1.133	1.090	1.199	5.78
68)	I	CI70	Chrysene-d12	----------ISTD----------							
69)	MC	C715	Pyrene	1.365	1.324	1.322	1.345	1.214	1.156	1.288	6.46
70)	T	C710	benzidine	0.495	0.570	0.699	0.719	0.646	0.613	0.624	13.36
71)	S	CS30	Terphenyl-d14	1.007	0.965	0.983	0.996	0.907	0.865	0.954	5.89
72)	T	C720	Butylbenzylpht	0.545	0.553	0.613	0.623	0.561	0.538	0.572	6.36
73)	T	C725	3,3'-Dichlorob	0.386	0.317	0.428	0.435	0.404	0.390	0.393	10.71
74)	TC	C730	Benzo[a]anthra	1.223	1.231	1.224	1.199	1.094	1.043	1.169	6.86
75)	TC	C735	Chrysene	1.412	1.228	1.214	1.215	1.119	1.060	1.208	9.93
76)	T	C740	bis(2-Ethylhex	0.833	0.852	0.889	0.886	0.795	0.750	0.834	6.50
77)	T	C760	Di-n-octylphth	1.286	1.360	1.485	1.520	1.423	1.358	1.405	6.22
78)	I	CI75	Perylene-d12	----------ISTD----------							
79)	TC	C765	Benzo[b]fluora	1.326	1.452	1.394	1.534	1.256	1.264	1.371	8.03
80)	TC	C770	Benzo[k]fluora	1.559	1.363	1.465	1.349	1.292	1.156	1.364	10.21
81)	TC	C775	Benzo[a]pyrene	1.200	1.230	1.299	1.282	1.183	1.122	1.219	5.37
82)	TC	C780	Indeno[1,2,3-c	1.553	1.335	1.447	1.579	1.461	1.409	1.464	6.18
83)	TC	C785	Dibenz[a,h]ant	1.268	1.177	1.264	1.367	1.268	1.203	1.258	5.23
84)	TC	C790	Benzo[g,h,i]pe	1.431	1.196	1.218	1.339	1.247	1.221	1.275	7.16

Total Average %RSD 7.05

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000639.M Wed Aug 27 08:49:14 2008

Date: 09/19/2008 ICC Profile Page: 1
Time: 17:44:42 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter		ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

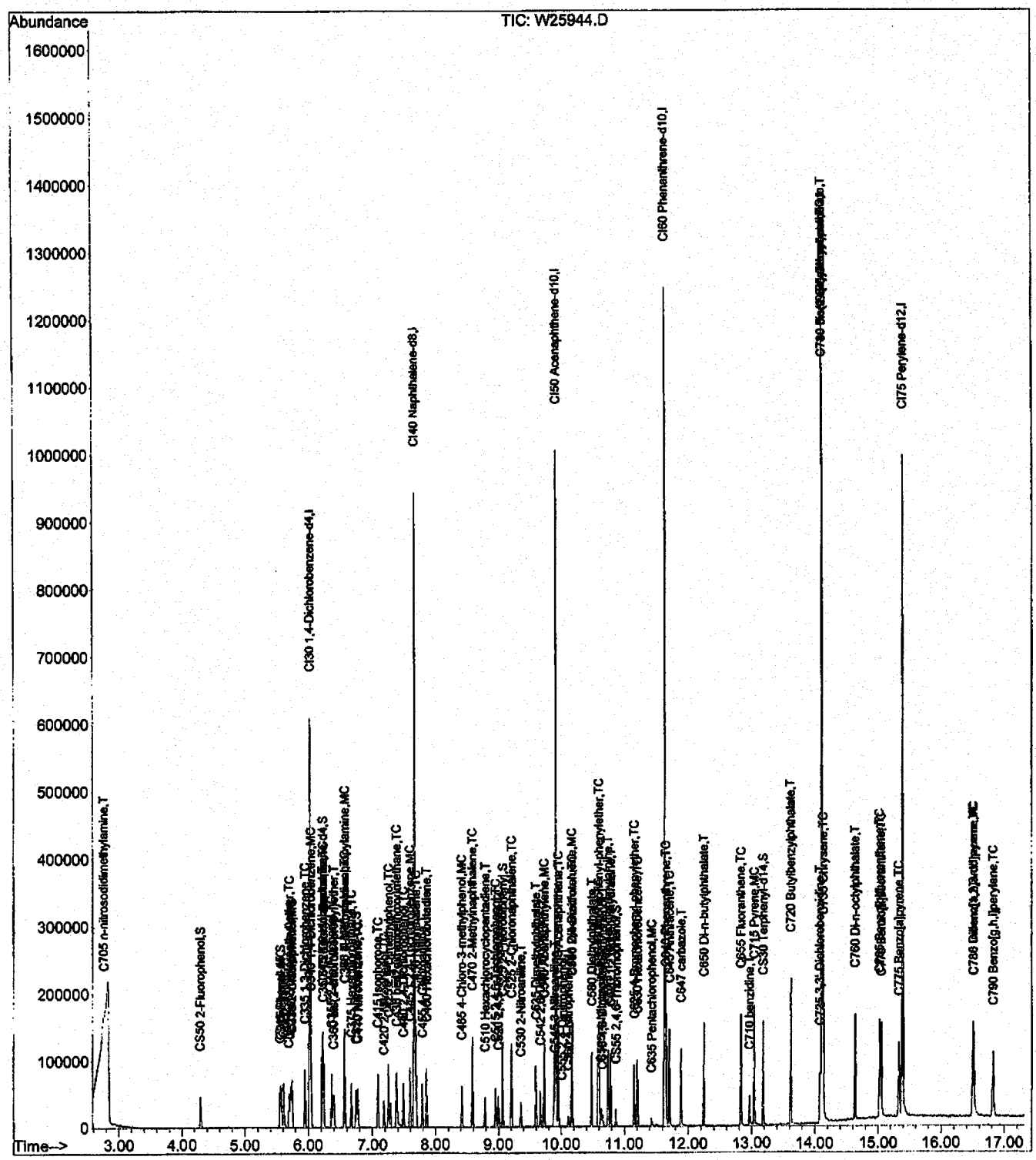
ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

			ng On Column					
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25944.D Vial: 2
Acq On : 26 Aug 2008 18:14 Operator: JLG
Sample : SSTD005 Inst : Instrumen
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 08:44:44 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25944.D Vial: 2
Acq On : 26 Aug 2008 18:14 Operator: JLG
Sample : SSTD005 Inst : Instrumen
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:44:44 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.02	152	107734	40.00	ng	0.00 103.04%
20) CI40 Naphthalene-d8	7.67	136	465886	40.00	ng	0.00 106.39%
35) CI50 Acenaphthene-d10	9.91	164	260909	40.00	ng	0.00 106.52%
56) CI60 Phenanthrene-d10	11.63	188	446314	40.00	ng	0.00 105.04%
68) CI70 Chrysene-d12	14.11	240	435179	40.00	ng	0.00 104.50%
78) CI75 Perylene-d12	15.39	264	377274	40.00	ng	0.00 107.85%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.29	112	19128	4.99	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 3.33%#			
5) CS45 Phenol-d5	5.55	99	26218	5.08	ng	-0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 3.39%#			
6) CS70 2-chlorophenol-d4	5.72	132	21836	5.31	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 3.54%#			
12) CS75 1,2-dichlorobenzene-d	6.22	152	13255	5.39	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 5.39%#			
21) CS20 Nitrobenzene-d5	6.75	82	19582	4.85	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 4.85%#			
39) CS25 2-Fluorobiphenyl	9.07	172	45117	5.24	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 5.24%#			
59) CS55 2,4,6-Tribromophenol	10.87	330	3832	3.82	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 2.55%#			
71) CS30 Terphenyl-d14	13.18	244	54788	5.28	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 5.28%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.76	74	8847m	4.64	ng	# 66
4) C325 bis(2-Chloroethyl)eth	5.69	93	23803	5.57	ng	86
7) C315 Phenol	5.57	94	27602	4.94	ng	# 75
8) C330 2-Chlorophenol	5.74	128	23341	5.33	ng	88
9) C320 aniline	5.61	93	35134	5.16	ng	93
10) C335 1,3-Dichlorobenzene	5.95	146	25173	5.41	ng	98
11) C340 1,4-Dichlorobenzene	6.04	146	24687	5.27	ng	91
13) C350 1,2-Dichlorobenzene	6.23	146	24041	5.39	ng	99
14) C345 Benzyl alcohol	6.22	108	13278	4.69	ng	88
15) C360 bis(2-chloroisopropyl	6.39	45	36077	5.49	ng	97
16) C355 2-Methylphenol	6.36	108	19436	4.98	ng	92
17) C375 Hexachloroethane	6.67	117	8890	5.20	ng	86
18) C370 N-Nitroso-di-n-propyl	6.57	70	15036	5.18	ng	91
19) C365 4-Methylphenol	6.57	108	20784	5.10	ng	99
22) C410 Nitrobenzene	6.77	77	21656	5.07	ng	92
23) C415 Isophorone	7.08	82	41062	5.04	ng	95
24) C430 benzoic acid	7.38	122	8349	4.60	ng	88
25) C420 2-Nitrophenol	7.18	139	10005	4.61	ng	86
26) C425 2,4-Dimethylphenol	7.25	107	21260	5.07	ng	89
27) C435 bis(2-Chloroethoxy)me	7.38	93	26353	5.26	ng	98
28) C440 2,4-Dichlorophenol	7.49	162	16870	4.87	ng	92

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25944.D Vial: 2
Acq On : 26 Aug 2008 18:14 Operator: JLG
Sample : SSTD005 Inst : Instrumen
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:44:44 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.60	180	19195	5.43 ng		96
30) C450 Naphthalene	7.69	128	67440	5.31 ng		98
31) C455 4-Chloroaniline	7.79	127	24876	4.93 ng		89
32) C460 Hexachlorobutadiene	7.86	225	10770	5.25 ng		99
33) C465 4-Chloro-3-methylphen	8.41	107	16602	4.65 ng		94
34) C470 2-Methylnaphthalene	8.58	142	44104	5.26 ng		94
36) C510 Hexachlorocyclopentad	8.79	237	8375	3.88 ng		100
37) C515 2,4,6-Trichlorophenol	8.95	196	10221	4.45 ng		90
38) C520 2,4,5-Trichlorophenol	9.00	196	11367	4.60 ng		92
40) C525 2-Chloronaphthalene	9.20	162	40613	5.23 ng		96
41) C530 2-Nitroaniline	9.35	65	8446	4.10 ng	#	72
42) C540 Acenaphthylene	9.73	152	60105	4.90 ng		95
43) C535 Dimethylphthalate	9.60	163	45627	5.22 ng		98
44) C542 2,6-Dinitrotoluene	9.67	165	7800	4.28 ng		92
45) C550 Acenaphthene	9.95	153	40615	5.44 ng		98
46) C545 3-Nitroaniline	9.89	138	8852	4.19 ng	#	74
47) C555 2,4-Dinitrophenol	10.02	184	1023	1.38 ng	#	10
48) C565 Dibenzofuran	10.17	168	58711	5.30 ng		81
49) C570 2,4-Dinitrotoluene	10.18	165	9997	4.03 ng	#	1
50) C560 4-Nitrophenol	10.11	109	2471	2.72 ng	#	53
51) C590 Fluorene	10.59	166	47835	5.26 ng		98
52) C585 4-Chlorophenyl-phenyl	10.60	204	22364	5.40 ng		95
53) C580 Diethylphthalate	10.49	149	42195	5.05 ng		94
54) C620 1,2 diphenylhydrazine	10.79	77	44694	4.99 ng		93
55) C595 4-Nitroaniline	10.64	138	8046	3.91 ng	#	77
57) C610 4,6-Dinitro-2-methylp	10.66	198	3493	3.02 ng		100
58) C615 n-Nitrosodiphenylamin	10.74	169	31362	5.07 ng		96
60) C625 4-Bromophenyl-phenyle	11.16	248	13490	5.50 ng		86
61) C630 Hexachlorobenzene	11.21	284	13686	5.47 ng		97
62) C635 Pentachlorophenol	11.43	266	3571	3.14 ng		87
63) C640 Phenanthrene	11.66	178	69426	5.48 ng		99
64) C645 Anthracene	11.71	178	67126	5.20 ng		97
65) C647 carbazole	11.89	167	60046	5.02 ng		99
66) C650 Di-n-butylphthalate	12.24	149	69619	4.84 ng		98
67) C655 Fluoranthene	12.83	202	68834	5.15 ng		84
69) C715 Pyrene	13.04	202	74228	5.30 ng		97
70) C710 benzidine	12.97	184	26941	3.97 ng		96
72) C720 Butylbenzylphthalate	13.62	149	29650	4.76 ng		99
73) C725 3,3'-Dichlorobenzidin	14.08	252	20992	4.91 ng		91
74) C730 Benzo[a]anthracene	14.10	228	66536	5.23 ng		98
75) C735 Chrysene	14.13	228	76816	5.84 ng		98
76) C740 bis(2-Ethylhexyl)phth	14.10	149	45320	4.99 ng		96
77) C760 Di-n-octylphthalate	14.64	149	69963	4.58 ng		100
79) C765 Benzo[b]fluoranthene	15.03	252	62521	4.84 ng		97
80) C770 Benzo[k]fluoranthene	15.05	252	73521	5.72 ng		95
81) C775 Benzo[a]pyrene	15.33	252	56589	4.92 ng		99
82) C780 Indeno[1,2,3-cd]pyren	16.50	276	73254	5.30 ng		98
83) C785 Dibenz[a,h]anthracene	16.51	278	59777	5.04 ng		97
84) C790 Benzo[g,h,i]perylene	16.82	276	67476	5.61 ng		95

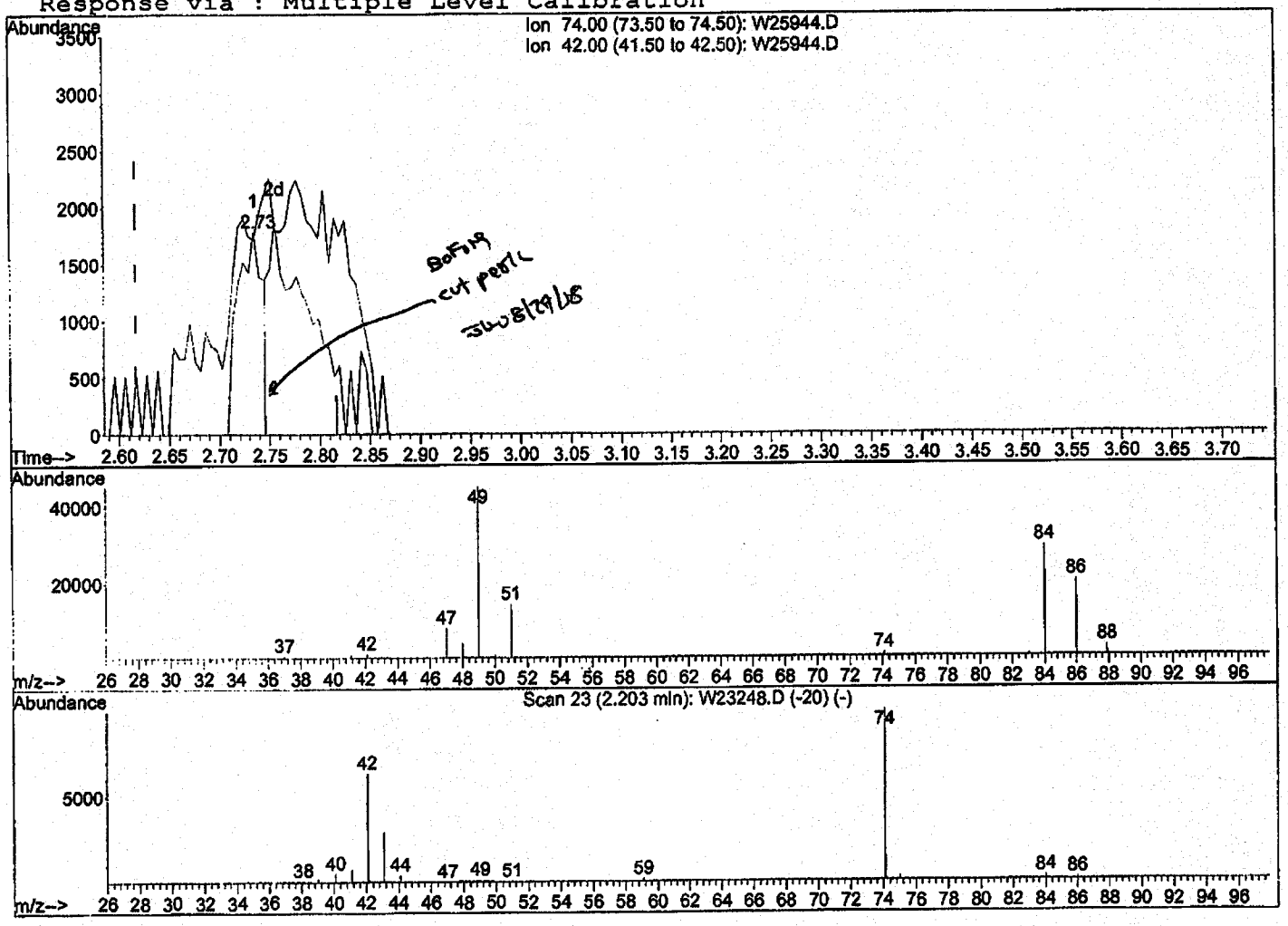
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\082608\W25944.D
Acq On : 26 Aug 2008 18:14
Sample : SSTD005
Misc : 8270 (08/25/08)
MS Integration Params: rteint.p
Quant Time: Aug 27 08:36:35 2008

Vial: 2
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Multiple Level Calibration



TIC: W25944.D

(2) C705 n-nitrosodidimethylamine (T)

2.73min (+0.118) 1.66ng

response 3165

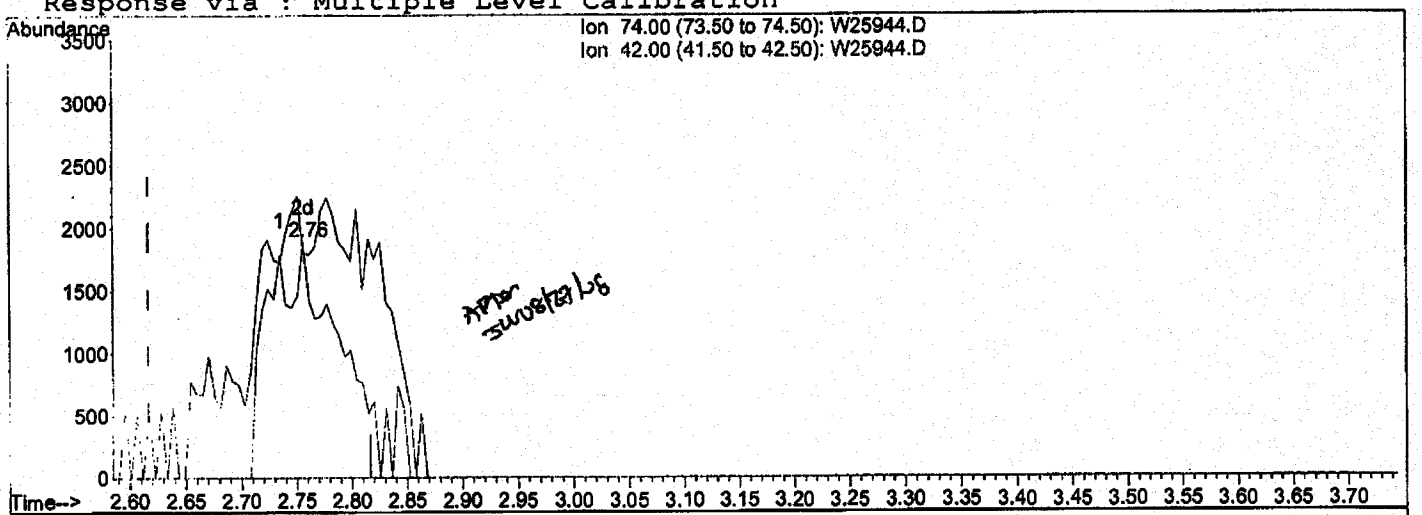
Ion	Exp%	Act%
74.00	100	100
42.00	93.60	60.47#
0.00	0.00	0.00
0.00	0.00	0.00

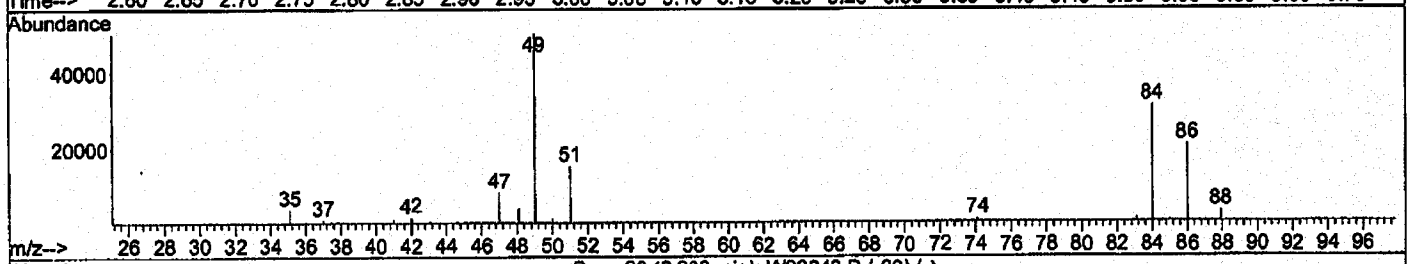
Quantitation Report (Qedit)

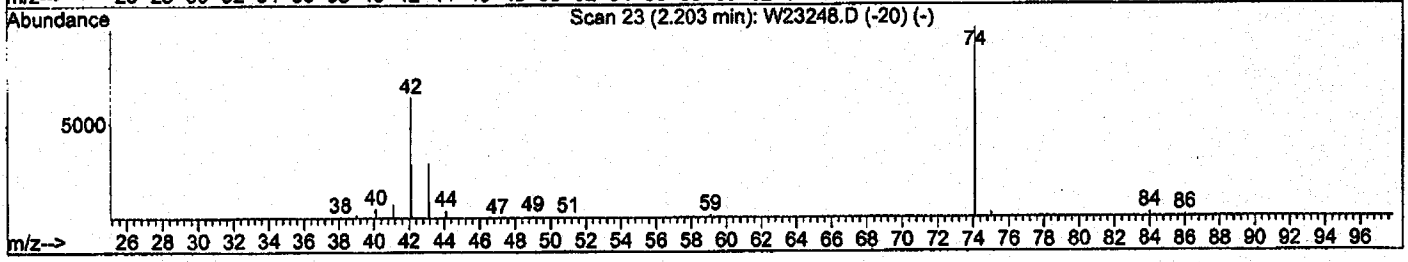
Data File : C:\MSDChem\1\DATA\082608\W25944.D
Acq On : 26 Aug 2008 18:14
Sample : SSTD005
Misc : 8270 (08/25/08)
MS Integration Params: rteint.p
Quant Time: Aug 27 08:36:35 2008

Vial: 2
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Multiple Level Calibration







TIC: W25944.D

(2) C705 n-nitrosodidlmethylamine (T)

2.76min (+0.139) 4.64ng m

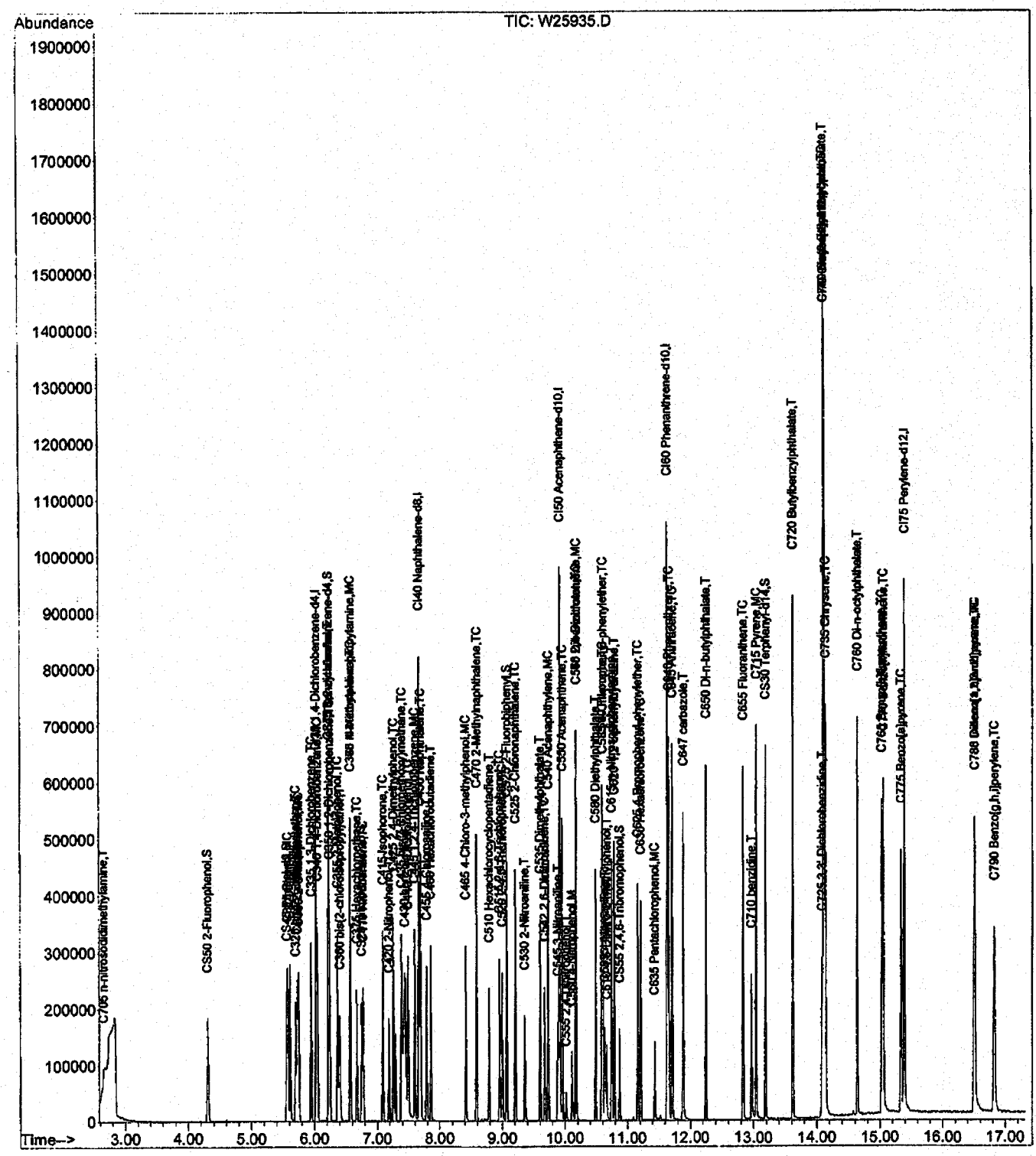
response 8847

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	21.63#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25935.D Vial: 5
Acq On : 26 Aug 2008 12:05 Operator: JLG
Sample : SSTD020 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 08:42:00 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25935.D Vial: 5
Acq On : 26 Aug 2008 12:05 Operator: JLG
Sample : SSTD020 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:42:00 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.03	152	101239	40.00	ng	0.00 96.83%
20) CI40 Naphthalene-d8	7.67	136	430996	40.00	ng	0.00 98.43%
35) CI50 Acenaphthene-d10	9.91	164	242280	40.00	ng	0.00 98.91%
56) CI60 Phenanthrene-d10	11.63	188	410569	40.00	ng	0.00 96.63%
68) CI70 Chrysene-d12	14.11	240	411921	40.00	ng	0.00 98.91%
78) CI75 Perylene-d12	15.39	264	350779	40.00	ng	0.00 100.27%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.31	112	74256	20.61	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 13.74%#			
5) CS45 Phenol-d5	5.56	99	99157	20.46	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 13.64%			
6) CS70 2-chlorophenol-d4	5.73	132	78820	20.41	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 13.61%#			
12) CS75 1,2-dichlorobenzene-d	6.22	152	49771	21.52	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 21.52%			
21) CS20 Nitrobenzene-d5	6.75	82	76205	20.38	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 20.38%#			
39) CS25 2-Fluorobiphenyl	9.07	172	166720	20.86	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 20.86%#			
59) CS55 2,4,6-Tribromophenol	10.87	330	18488	20.04	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 13.36%			
71) CS30 Terphenyl-d14	13.18	244	198712	20.23	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 20.23%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.65	74	43336m	24.18	ng	# 75
4) C325 bis(2-Chloroethyl)eth	5.70	93	84382	21.02	ng	88
7) C315 Phenol	5.58	94	106143	20.23	ng	# 72
8) C330 2-Chlorophenol	5.75	128	85310	20.71	ng	87
9) C320 aniline	5.61	93	132182	20.66	ng	93
10) C335 1,3-Dichlorobenzene	5.95	146	92039	21.07	ng	97
11) C340 1,4-Dichlorobenzene	6.05	146	92971	21.13	ng	98
13) C350 1,2-Dichlorobenzene	6.24	146	90166	21.50	ng	98
14) C345 Benzyl alcohol	6.22	108	53381	20.07	ng	91
15) C360 bis(2-chloroisopropyl	6.40	45	129726	20.99	ng	92
16) C355 2-Methylphenol	6.37	108	77222	21.06	ng	97
17) C375 Hexachloroethane	6.67	117	34100	21.21	ng	84
18) C370 N-Nitroso-di-n-propyl	6.56	70	56299	20.64	ng	93
19) C365 4-Methylphenol	6.57	108	80562	21.06	ng	97
22) C410 Nitrobenzene	6.77	77	82119	20.78	ng	90
23) C415 Isophorone	7.09	82	153308	20.36	ng	96
24) C430 benzoic acid	7.44	122	176505	105.22	ng	93
25) C420 2-Nitrophenol	7.18	139	39750	19.81	ng	83
26) C425 2,4-Dimethylphenol	7.26	107	81424	21.01	ng	88
27) C435 bis(2-Chloroethoxy)me	7.39	93	97482	21.04	ng	96
28) C440 2,4-Dichlorophenol	7.49	162	65636	20.48	ng	98

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25935.D Vial: 5
Acq On : 26 Aug 2008 12:05 Operator: JLG
Sample : SSTD020 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:42:00 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.60	180	69826	21.34	ng		96
30) C450 Naphthalene	7.70	128	249871	21.25	ng		96
31) C455 4-Chloroaniline	7.79	127	97112	20.82	ng		99
32) C460 Hexachlorobutadiene	7.86	225	39716	20.94	ng		97
33) C465 4-Chloro-3-methylphen	8.41	107	69632	21.06	ng		94
34) C470 2-Methylnaphthalene	8.59	142	163497	21.08	ng		100
36) C510 Hexachlorocyclopentad	8.79	237	36907	18.42	ng		94
37) C515 2,4,6-Trichlorophenol	8.95	196	43621	20.45	ng		94
38) C520 2,4,5-Trichlorophenol	9.00	196	46295	20.18	ng		96
40) C525 2-Chloronaphthalene	9.20	162	150312	20.83	ng		96
41) C530 2-Nitroaniline	9.35	65	37091	19.37	ng	#	78
42) C540 Acenaphthylene	9.73	152	237769	20.87	ng		99
43) C535 Dimethylphthalate	9.60	163	167937	20.70	ng		99
44) C542 2,6-Dinitrotoluene	9.67	165	32996	19.51	ng		91
45) C550 Acenaphthene	9.95	153	142834	20.62	ng		97
46) C545 3-Nitroaniline	9.89	138	36755	18.74	ng		84
47) C555 2,4-Dinitrophenol	10.02	184	10248	14.86	ng	#	81
48) C565 Dibenzofuran	10.18	168	214812	20.90	ng		79
49) C570 2,4-Dinitrotoluene	10.18	165	45215	19.64	ng	#	1
50) C560 4-Nitrophenol	10.11	109	16294	19.30	ng	#	83
51) C590 Fluorene	10.59	166	178624	21.14	ng		95
52) C585 4-Chlorophenyl-phenyl	10.60	204	80914	21.04	ng		99
53) C580 Diethylphthalate	10.49	149	158986	20.48	ng		98
54) C620 1,2 diphenylhydrazine	10.79	77	176704	21.23	ng		93
55) C595 4-Nitroaniline	10.64	138	36333	19.01	ng		84
57) C610 4,6-Dinitro-2-methylp	10.66	198	19686	18.52	ng		100
58) C615 n-Nitrosodiphenylamin	10.74	169	120365	21.17	ng		99
60) C625 4-Bromophenyl-phenyle	11.16	248	46266	20.50	ng		96
61) C630 Hexachlorobenzene	11.21	284	48238	20.97	ng		98
62) C635 Pentachlorophenol	11.43	266	19088	18.27	ng		94
63) C640 Phenanthrene	11.66	178	245443	21.06	ng		99
64) C645 Anthracene	11.71	178	245785	20.68	ng		99
65) C647 carbazole	11.89	167	230938	21.00	ng		100
66) C650 Di-n-butylphthalate	12.24	149	268872	20.33	ng		99
67) C655 Fluoranthene	12.83	202	256884	20.88	ng		94
69) C715 Pyrene	13.04	202	272747	20.57	ng		96
70) C710 benzidine	12.96	184	117336	18.27	ng		98
72) C720 Butylbenzylphthalate	13.62	149	113824	19.32	ng		97
73) C725 3,3'-Dichlorobenzidin	14.08	252	65387	16.14	ng		98
74) C730 Benzo[a]anthracene	14.10	228	253492	21.06	ng		98
75) C735 Chrysene	14.14	228	252933	20.33	ng		100
76) C740 bis(2-Ethylhexyl)phth	14.10	149	175503	20.43	ng		99
77) C760 Di-n-octylphthalate	14.64	149	280047	19.35	ng		98
79) C765 Benzo[b]fluoranthene	15.03	252	254586	21.18	ng		97
80) C770 Benzo[k]fluoranthene	15.05	252	239024	19.98	ng		96
81) C775 Benzo[a]pyrene	15.34	252	215644	20.17	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.51	276	234227	18.24	ng		95
83) C785 Dibenz[a,h]anthracene	16.51	278	206454	18.72	ng		99
84) C790 Benzo[g,h,i]perylene	16.82	276	209701	18.75	ng		98

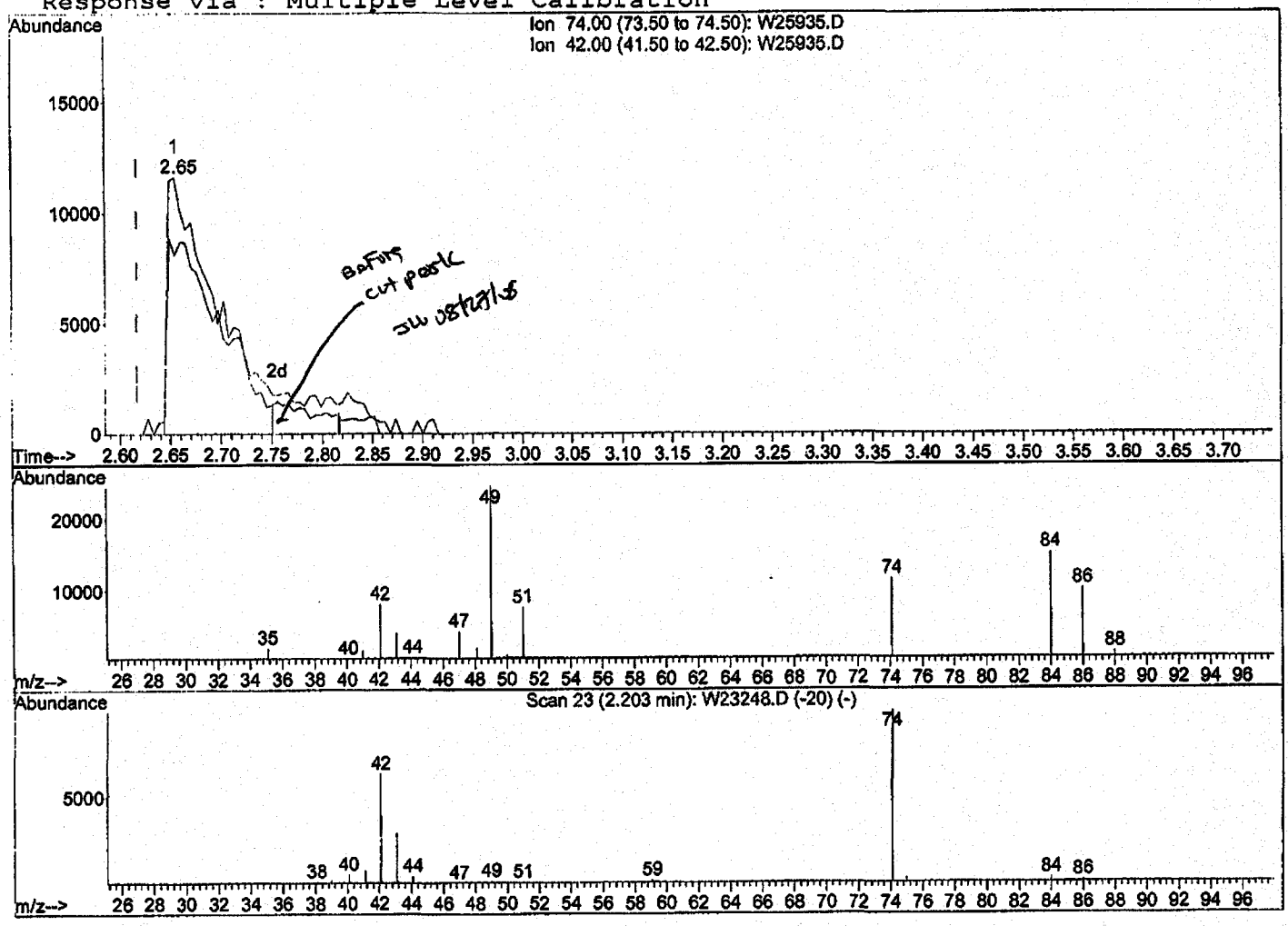
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\082608\W25935.D
Acq On : 26 Aug 2008 12:05
Sample : SSTD020
Misc : 8270 (08.25.08)
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:02 2008

Vial: 5
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Multiple Level Calibration



TIC: W25935.D

(2) C705 n-nitrosodidimethylamine (T)

2.65min (+0.037) 21.09ng

response 37807

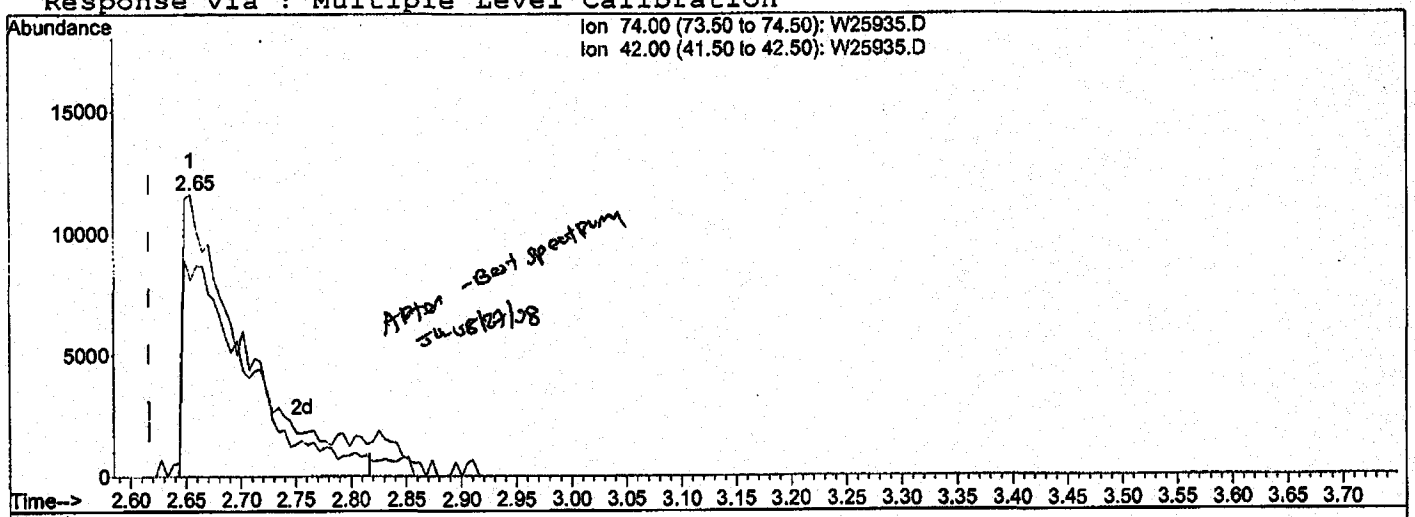
Ion	Exp%	Act%
74.00	100	100
42.00	93.60	69.46#
0.00	0.00	0.00
0.00	0.00	0.00

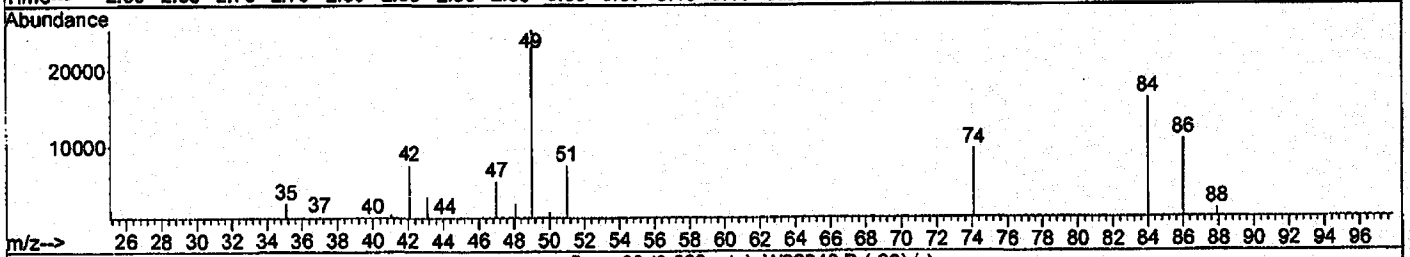
Quantitation Report (Qedit)

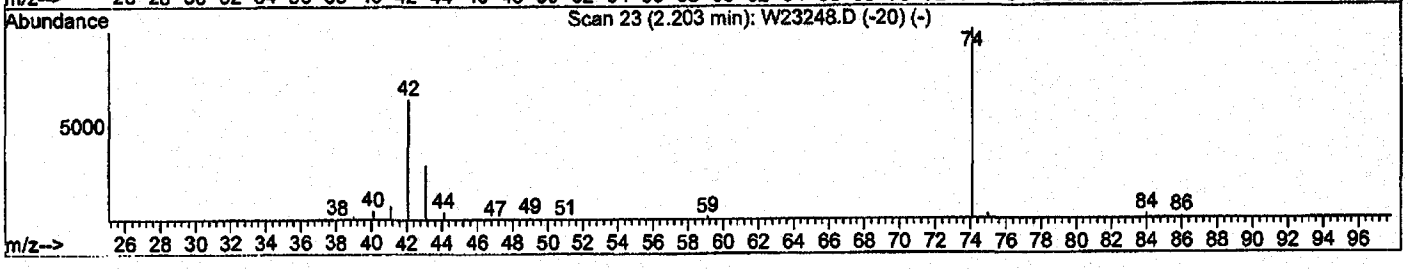
Data File : C:\MSDChem\1\DATA\082608\W25935.D
Acq On : 26 Aug 2008 12:05
Sample : SSTD020
Misc : 8270 (08.25.08)
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:02 2008

Vial: 5
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Multiple Level Calibration







TIC: W25935.D

(2) C705 n-nitrosodidimethylamine (T)

2.65min (+0.037) 24.18ng m

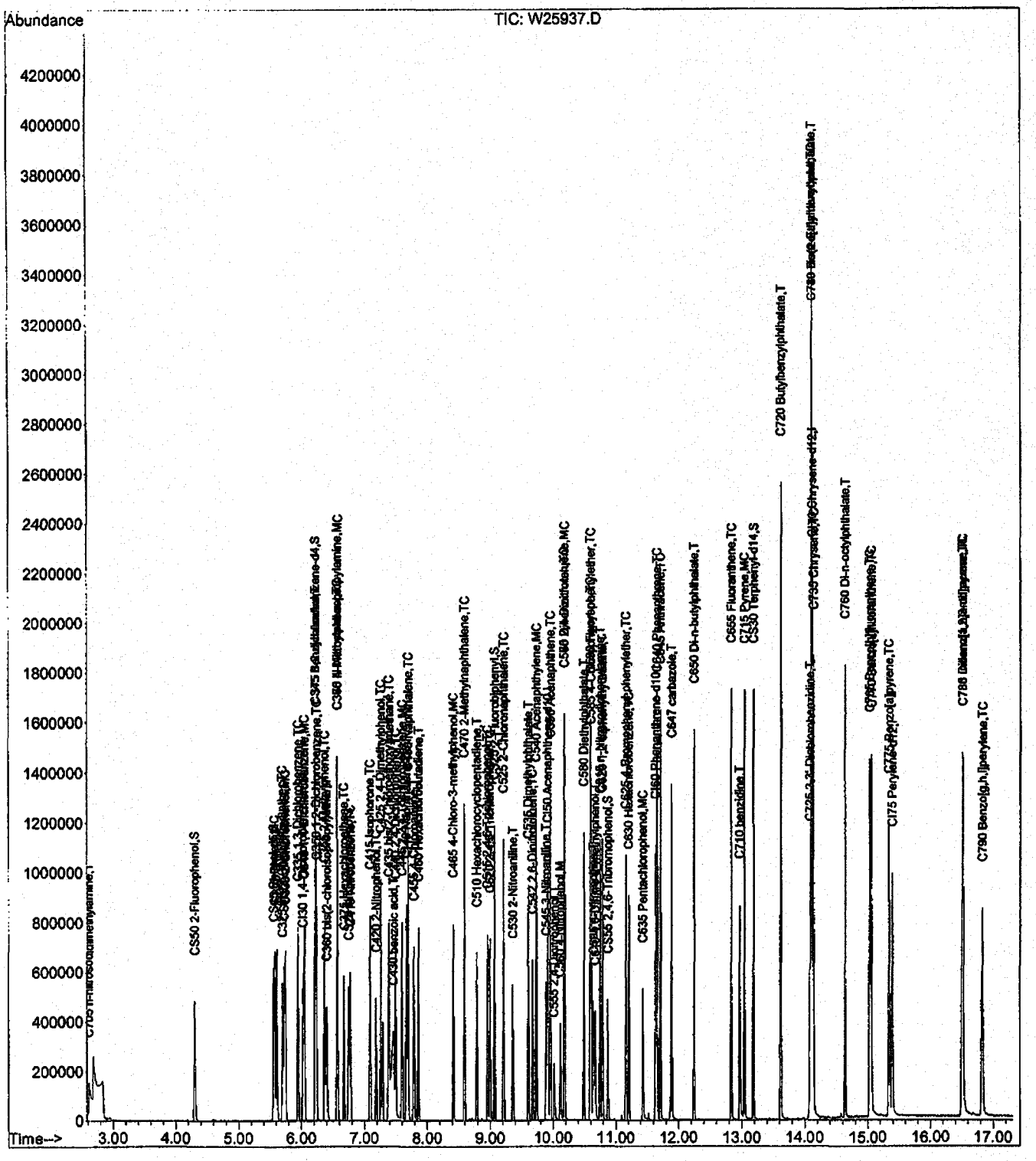
response 43336

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	60.60#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25937.D Vial: 7
Acq On : 26 Aug 2008 12:51 Operator: JLG
Sample : SSTD050 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 08:37:10 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25937.D Vial: 7
Acq On : 26 Aug 2008 12:51 Operator: JLG
Sample : SSTD050 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:10 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.03	152	104554	40.00	ng	0.00 100.00%
20) CI40 Naphthalene-d8	7.67	136	437884	40.00	ng	0.00 100.00%
35) CI50 Acenaphthene-d10	9.91	164	244939	40.00	ng	0.00 100.00%
56) CI60 Phenanthrene-d10	11.63	188	424880	40.00	ng	0.00 100.00%
68) CI70 Chrysene-d12	14.12	240	416451	40.00	ng	0.00 100.00%
78) CI75 Perylene-d12	15.39	264	349825	40.00	ng	0.00 100.00%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.31	112	186980	50.25	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.50%			
5) CS45 Phenol-d5	5.56	99	251245	50.19	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 33.46%			
6) CS70 2-chlorophenol-d4	5.73	132	199218	49.96	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.31%			
12) CS75 1,2-dichlorobenzene-d	6.22	152	119675	50.10	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.10%			
21) CS20 Nitrobenzene-d5	6.75	82	199133	52.43	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 52.43%			
39) CS25 2-Fluorobiphenyl	9.07	172	416287	51.51	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 51.51%			
59) CS55 2,4,6-Tribromophenol	10.87	330	51344	53.79	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 35.86%			
71) CS30 Terphenyl-d14	13.18	244	511855	51.55	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.55%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.62	74	105320	56.90	ng	85
4) C325 bis(2-Chloroethyl)eth	5.70	93	202977	48.95	ng	89
7) C315 Phenol	5.58	94	264415	48.79	ng	# 73
8) C330 2-Chlorophenol	5.75	128	213476	50.19	ng	88
9) C320 aniline	5.61	93	332411	50.31	ng	95
10) C335 1,3-Dichlorobenzene	5.95	146	226214	50.13	ng	98
11) C340 1,4-Dichlorobenzene	6.05	146	227283	50.02	ng	99
13) C350 1,2-Dichlorobenzene	6.24	146	216154	49.91	ng	97
14) C345 Benzyl alcohol	6.22	108	140373	51.10	ng	87
15) C360 bis(2-chloroisopropyl	6.40	45	315099	49.37	ng	95
16) C355 2-Methylphenol	6.37	108	189882	50.15	ng	96
17) C375 Hexachloroethane	6.68	117	82476	49.66	ng	96
18) C370 N-Nitroso-di-n-propyl	6.57	70	142149	50.47	ng	88
19) C365 4-Methylphenol	6.57	108	198271	50.18	ng	99
22) C410 Nitrobenzene	6.78	77	203907	50.78	ng	85
23) C415 Isophorone	7.09	82	392157	51.25	ng	96
24) C430 benzoic acid	7.46	122	300804	176.49	ng	91
25) C420 2-Nitrophenol	7.18	139	106776	52.37	ng	85
26) C425 2,4-Dimethylphenol	7.26	107	201676	51.21	ng	89
27) C435 bis(2-Chloroethoxy)me	7.39	93	236517	50.25	ng	96
28) C440 2,4-Dichlorophenol	7.49	162	170581	52.39	ng	95

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25937.D Vial: 7
Acq On : 26 Aug 2008 12:51 Operator: JLG
Sample : SSTD050 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:10 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

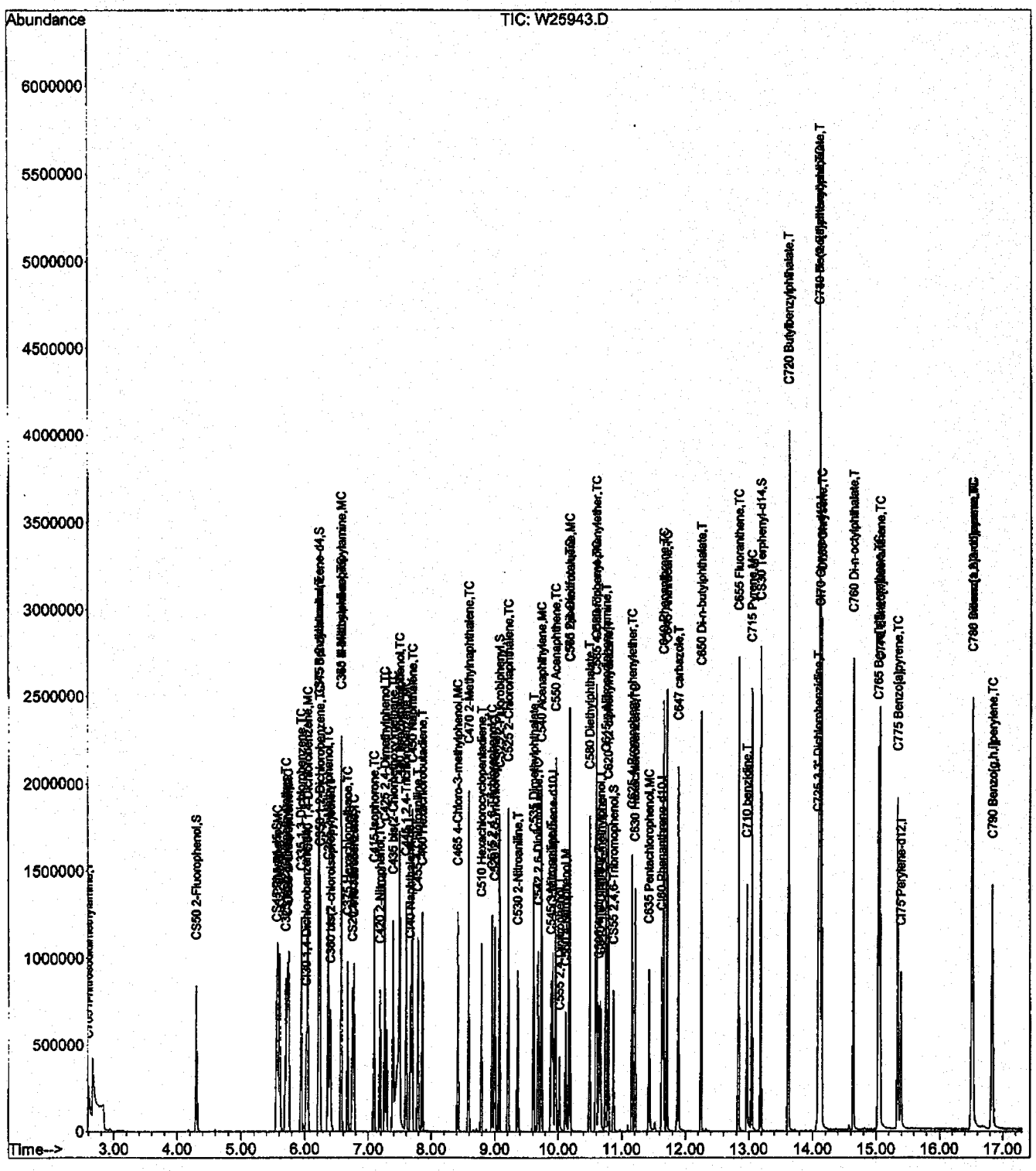
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.60	180	167877	50.49 ng		100
30) C450 Naphthalene	7.70	128	606140	50.75 ng		98
31) C455 4-Chloroaniline	7.79	127	241909	51.04 ng		99
32) C460 Hexachlorobutadiene	7.86	225	96526	50.10 ng		96
33) C465 4-Chloro-3-methylphen	8.41	107	176240	52.47 ng		96
34) C470 2-Methylnaphthalene	8.59	142	399768	50.73 ng		96
36) C510 Hexachlorocyclopentad	8.79	237	109091	53.86 ng		95
37) C515 2,4,6-Trichlorophenol	8.95	196	112815	52.31 ng		97
38) C520 2,4,5-Trichlorophenol	9.00	196	122418	52.77 ng		100
40) C525 2-Chloronaphthalene	9.21	162	373757	51.22 ng		97
41) C530 2-Nitroaniline	9.36	65	104755	54.12 ng	#	75
42) C540 Acenaphthylene	9.73	152	596940	51.83 ng		99
43) C535 Dimethylphthalate	9.60	163	417857	50.95 ng		98
44) C542 2,6-Dinitrotoluene	9.67	165	88598	51.82 ng		94
45) C550 Acenaphthene	9.96	153	356500	50.90 ng		99
46) C545 3-Nitroaniline	9.89	138	109366	55.16 ng	#	83
47) C555 2,4-Dinitrophenol	10.02	184	41150	59.01 ng	#	76
48) C565 Dibenzofuran	10.18	168	533727	51.37 ng		81
49) C570 2,4-Dinitrotoluene	10.18	165	125962	54.13 ng	#	1
50) C560 4-Nitrophenol	10.11	109	49774	58.33 ng	#	87
51) C590 Fluorene	10.59	166	443043	51.87 ng		95
52) C585 4-Chlorophenyl-phenyl	10.60	204	199812	51.39 ng		98
53) C580 Diethylphthalate	10.49	149	408624	52.06 ng		97
54) C620 1,2 diphenylhydrazine	10.79	77	442740	52.61 ng		93
55) C595 4-Nitroaniline	10.64	138	104889	54.29 ng		83
57) C610 4,6-Dinitro-2-methylp	10.67	198	62934	57.20 ng		100
58) C615 n-Nitrosodiphenylamin	10.75	169	304348	51.73 ng		98
60) C625 4-Bromophenyl-phenyle	11.16	248	119166	51.01 ng		93
61) C630 Hexachlorobenzene	11.21	284	121999	51.25 ng		92
62) C635 Pentachlorophenol	11.43	266	59908	55.42 ng		95
63) C640 Phenanthrene	11.66	178	614585	50.95 ng		98
64) C645 Anthracene	11.71	178	636659	51.77 ng		99
65) C647 carbazole	11.89	167	587811	51.64 ng		98
66) C650 Di-n-butylphthalate	12.24	149	725015	52.97 ng		99
67) C655 Fluoranthene	12.83	202	661915	51.99 ng		92
69) C715 Pyrene	13.04	202	688284	51.34 ng		94
70) C710 benzidine	12.96	184	363768	56.03 ng		98
72) C720 Butylbenzylphthalate	13.62	149	319002	53.55 ng		98
73) C725 3,3'-Dichlorobenzidin	14.08	252	222556	54.34 ng		98
74) C730 Benzo[a]anthracene	14.11	228	637108	52.34 ng		99
75) C735 Chrysene	14.14	228	632182	50.26 ng		99
76) C740 bis(2-Ethylhexyl)phth	14.10	149	462869	53.29 ng		99
77) C760 Di-n-octylphthalate	14.64	149	772840	52.83 ng		100
79) C765 Benzo[b]fluoranthene	15.03	252	609644	50.85 ng		98
80) C770 Benzo[k]fluoranthene	15.06	252	640426	53.69 ng		99
81) C775 Benzo[a]pyrene	15.34	252	567997	53.27 ng		99
82) C780 Indeno[1,2,3-cd]pyren	16.51	276	632799	49.42 ng		99
83) C785 Dibenz[a,h]anthracene	16.52	278	552652	50.24 ng		96
84) C790 Benzo[g,h,i]perylene	16.83	276	532545	47.75 ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25943.D Vial: 3
Acq On : 26 Aug 2008 16:54 Operator: JLG
Sample : SSTD080 Inst : Instrumen
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 08:37:19 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25943.D Vial: 3
Acq On : 26 Aug 2008 16:54 Operator: JLG
Sample : SSTD080 Inst : Instrumen
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:19 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.03	152	99511	40.00	ng	0.00 95.18%
20) CI40 Naphthalene-d8	7.67	136	431405	40.00	ng	0.00 98.52%
35) CI50 Acenaphthene-d10	9.91	164	245561	40.00	ng	0.00 100.25%
56) CI60 Phenanthrene-d10	11.63	188	424232	40.00	ng	0.00 99.85%
68) CI70 Chrysene-d12	14.12	240	404102	40.00	ng	0.00 97.03%
78) CI75 Perylene-d12	15.39	264	345051	40.00	ng	0.00 98.64%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	301563	85.16	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 56.77%			
5) CS45 Phenol-d5	5.56	99	405636	85.14	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 56.76%			
6) CS70 2-chlorophenol-d4	5.73	132	323461	85.23	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 56.82%			
12) CS75 1,2-dichlorobenzene-d	6.22	152	188618	82.97	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 82.97%			
21) CS20 Nitrobenzene-d5	6.75	82	315100	84.21	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 84.21%			
39) CS25 2-Fluorobiphenyl	9.07	172	665453	82.13	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 82.13%			
59) CS55 2,4,6-Tribromophenol	10.87	330	85878	90.11	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 60.07%			
71) CS30 Terphenyl-d14	13.18	244	804994	83.54	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 83.54%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.60	74	180405	102.40	ng	85
4) C325 bis(2-Chloroethyl)eth	5.70	93	330020	83.62	ng	84
7) C315 Phenol	5.58	94	433769	84.09	ng	# 74
8) C330 2-Chlorophenol	5.75	128	339677	83.91	ng	89
9) C320 aniline	5.60	93	534765	85.04	ng	94
10) C335 1,3-Dichlorobenzene	5.95	146	358216	83.41	ng	99
11) C340 1,4-Dichlorobenzene	6.05	146	363967	84.16	ng	98
13) C350 1,2-Dichlorobenzene	6.24	146	344044	83.46	ng	97
14) C345 Benzyl alcohol	6.22	108	231819	88.67	ng	# 82
15) C360 bis(2-chloroisopropyl	6.40	45	504978	83.13	ng	93
16) C355 2-Methylphenol	6.37	108	307459	85.32	ng	99
17) C375 Hexachloroethane	6.67	117	133069	84.19	ng	90
18) C370 N-Nitroso-di-n-propyl	6.57	70	225918	84.28	ng	86
19) C365 4-Methylphenol	6.57	108	316957	84.28	ng	98
22) C410 Nitrobenzene	6.77	77	329855	83.38	ng	87
23) C415 Isophorone	7.09	82	637884	84.62	ng	93
24) C430 benzoic acid	7.49	122	531468	316.51	ng	94
25) C420 2-Nitrophenol	7.18	139	173534	86.38	ng	84
26) C425 2,4-Dimethylphenol	7.26	107	322367	83.08	ng	86
27) C435 bis(2-Chloroethoxy)me	7.39	93	384583	82.94	ng	98
28) C440 2,4-Dichlorophenol	7.49	162	273868	85.38	ng	94

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25943.D Vial: 3
Acq On : 26 Aug 2008 16:54 Operator: JLG
Sample : SSTD080 Inst : Instrumen
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:19 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

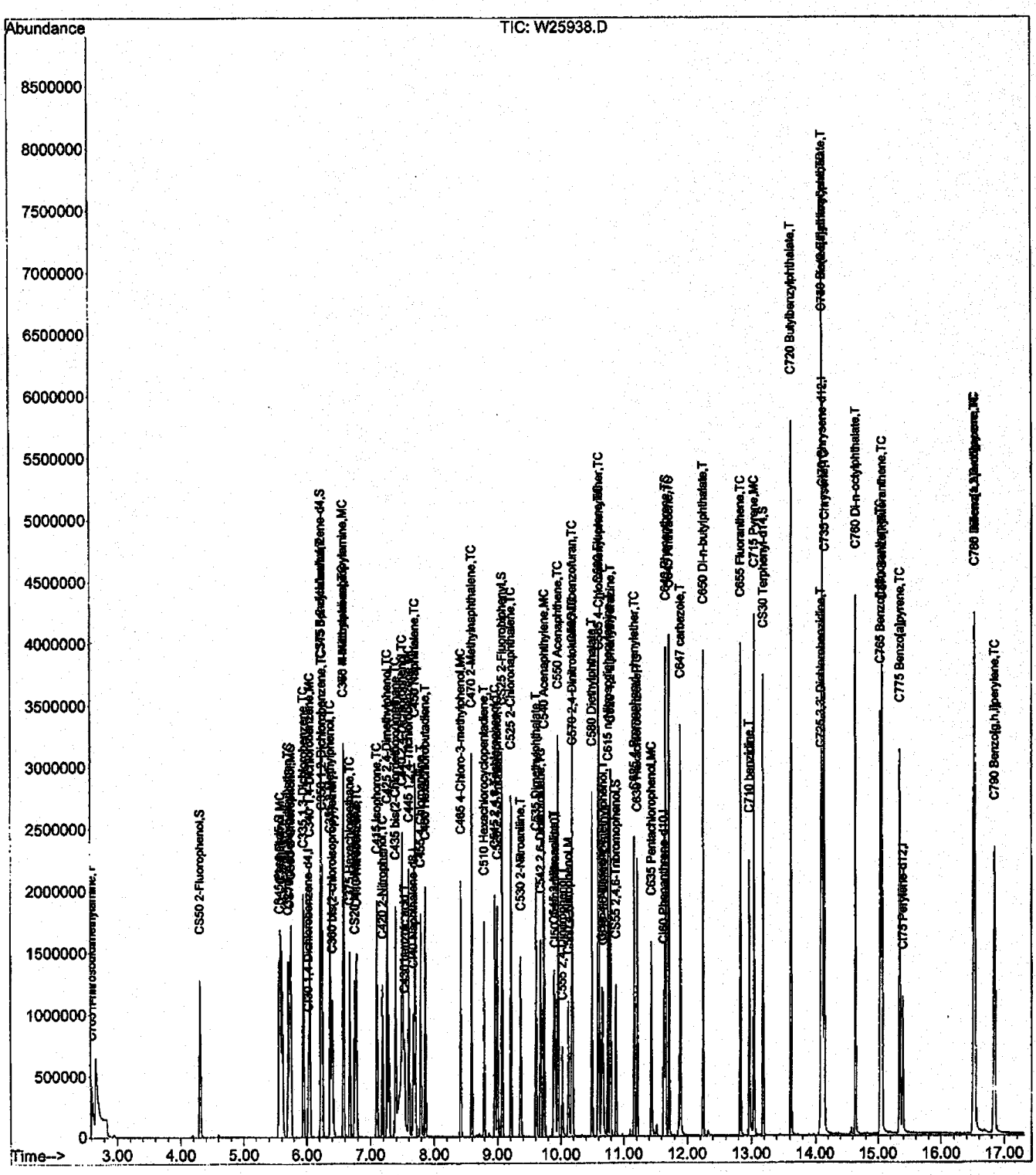
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.60	180	266728	81.43 ng		99
30) C450 Naphthalene	7.70	128	965950	82.09 ng		98
31) C455 4-Chloroaniline	7.78	127	397605	85.15 ng		100
32) C460 Hexachlorobutadiene	7.86	225	160633	84.63 ng		97
33) C465 4-Chloro-3-methylphen	8.41	107	281642	85.11 ng		94
34) C470 2-Methylnaphthalene	8.59	142	646029	83.21 ng		98
36) C510 Hexachlorocyclopentad	8.79	237	183626	90.44 ng		98
37) C515 2,4,6-Trichlorophenol	8.95	196	185110	85.61 ng		98
38) C520 2,4,5-Trichlorophenol	9.00	196	198997	85.56 ng		98
40) C525 2-Chloronaphthalene	9.21	162	599523	81.95 ng		95
41) C530 2-Nitroaniline	9.36	65	168809	86.99 ng	#	73
42) C540 Acenaphthylene	9.73	152	968730	83.89 ng		99
43) C535 Dimethylphthalate	9.61	163	676676	82.30 ng		100
44) C542 2,6-Dinitrotoluene	9.68	165	149852	87.43 ng		88
45) C550 Acenaphthene	9.96	153	571380	81.37 ng		98
46) C545 3-Nitroaniline	9.89	138	174040	87.56 ng		86
47) C555 2,4-Dinitrophenol	10.02	184	73109	104.58 ng	#	75
48) C565 Dibenzofuran	10.18	168	844647	81.09 ng		80
49) C570 2,4-Dinitrotoluene	10.19	165	205014	87.88 ng	#	4
50) C560 4-Nitrophenol	10.12	109	84639	98.94 ng	#	87
51) C590 Fluorene	10.59	166	695544	81.22 ng		95
52) C585 4-Chlorophenyl-phenyl	10.60	204	319313	81.91 ng		98
53) C580 Diethylphthalate	10.49	149	656814	83.47 ng		97
54) C620 1,2 diphenylhydrazine	10.79	77	693270	82.17 ng		92
55) C595 4-Nitroaniline	10.65	138	168014	86.74 ng	#	80
57) C610 4,6-Dinitro-2-methylp	10.67	198	109432	99.62 ng		100
58) C615 n-Nitrosodiphenylamin	10.75	169	488947	83.23 ng		98
60) C625 4-Bromophenyl-phenyle	11.16	248	190131	81.52 ng		97
61) C630 Hexachlorobenzene	11.21	284	193752	81.52 ng		88
62) C635 Pentachlorophenol	11.43	266	109032	101.01 ng		98
63) C640 Phenanthrene	11.66	178	980961	81.45 ng		98
64) C645 Anthracene	11.71	178	1015710	82.71 ng		98
65) C647 carbazole	11.89	167	945924	83.23 ng		99
66) C650 Di-n-butylphthalate	12.24	149	1147640	83.97 ng		99
67) C655 Fluoranthene	12.83	202	1049994	82.60 ng		94
69) C715 Pyrene	13.05	202	1087002	83.57 ng		99
70) C710 benzidine	12.96	184	580909	92.20 ng		99
72) C720 Butylbenzylphthalate	13.62	149	503505	87.10 ng		90
73) C725 3,3'-Dichlorobenzidin	14.09	252	351866	88.54 ng		99
74) C730 Benzo[a]anthracene	14.11	228	969429	82.08 ng		99
75) C735 Chrysene	14.14	228	981902	80.45 ng		99
76) C740 bis(2-Ethylhexyl)phth	14.10	149	716242	84.98 ng		100
77) C760 Di-n-octylphthalate	14.64	149	1228106	86.51 ng		100
79) C765 Benzo[b]fluoranthene	15.03	252	1058589	89.53 ng		98
80) C770 Benzo[k]fluoranthene	15.06	252	931095	79.14 ng		99
81) C775 Benzo[a]pyrene	15.34	252	884373	84.09 ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.51	276	1089415	86.26 ng		100
83) C785 Dibenz[a,h]anthracene	16.52	278	943386	86.95 ng		96
84) C790 Benzo[g,h,i]perylene	16.84	276	923941	84.00 ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25938.D Vial: 8
Acq On : 26 Aug 2008 13:14 Operator: JLG
Sample : SSTD120 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 08:37:28 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25938.D Vial: 8
Acq On : 26 Aug 2008 13:14 Operator: JLG
Sample : SSTD120 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:28 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.03	152	115281	40.00	ng	0.00 110.26%
20) CI40 Naphthalene-d8	7.67	136	489766	40.00	ng	0.00 111.85%
35) CI50 Acenaphthene-d10	9.91	164	273024	40.00	ng	0.00 111.47%
56) CI60 Phenanthrene-d10	11.63	188	481299	40.00	ng	0.00 113.28%
68) CI70 Chrysene-d12	14.12	240	461465	40.00	ng	0.00 110.81%
78) CI75 Perylene-d12	15.40	264	419041	40.00	ng	0.00 119.79%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.31	112	480407	117.10	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 78.07%			
5) CS45 Phenol-d5	5.57	99	645558	116.96	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 77.97%			
6) CS70 2-chlorophenol-d4	5.73	132	502228	114.23	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 76.15%			
12) CS75 1,2-dichlorobenzene-d	6.22	152	294599	111.86	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 111.86%#			
21) CS20 Nitrobenzene-d5	6.76	82	501810	118.13	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 118.13%#			
39) CS25 2-Fluorobiphenyl	9.07	172	1044962	116.00	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 116.00%			
59) CS55 2,4,6-Tribromophenol	10.88	330	135162	125.01	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 83.34%			
71) CS30 Terphenyl-d14	13.19	244	1255488	114.10	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 114.10%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.61	74	302865	148.39	ng	81
4) C325 bis(2-Chloroethyl)eth	5.71	93	511051	111.78	ng	85
7) C315 Phenol	5.59	94	725395	121.39	ng	# 74
8) C330 2-Chlorophenol	5.75	128	533715	113.80	ng	89
9) C320 aniline	5.61	93	846262	116.17	ng	100
10) C335 1,3-Dichlorobenzene	5.95	146	561807	112.92	ng	99
11) C340 1,4-Dichlorobenzene	6.05	146	568529	113.47	ng	99
13) C350 1,2-Dichlorobenzene	6.24	146	536658	112.37	ng	97
14) C345 Benzyl alcohol	6.23	108	360428	119.00	ng	86
15) C360 bis(2-chloroisopropyl	6.40	45	790647	112.35	ng	94
16) C355 2-Methylphenol	6.37	108	485838	116.38	ng	97
17) C375 Hexachloroethane	6.68	117	211093	115.29	ng	91
18) C370 N-Nitroso-di-n-propyl	6.58	70	358283	115.37	ng	90
19) C365 4-Methylphenol	6.58	108	503428	115.55	ng	99
22) C410 Nitrobenzene	6.78	77	525548	117.01	ng	87
23) C415 Isophorone	7.10	82	1000339	116.88	ng	95
24) C430 benzoic acid	7.54	122	909133	476.91	ng	91
25) C420 2-Nitrophenol	7.19	139	277673	121.75	ng	83
26) C425 2,4-Dimethylphenol	7.26	107	512696	116.39	ng	90
27) C435 bis(2-Chloroethoxy)me	7.39	93	606256	115.17	ng	98
28) C440 2,4-Dichlorophenol	7.50	162	424186	116.49	ng	96

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25938.D Vial: 8
Acq On : 26 Aug 2008 13:14 Operator: JLG
Sample : SSTD120 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:28 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

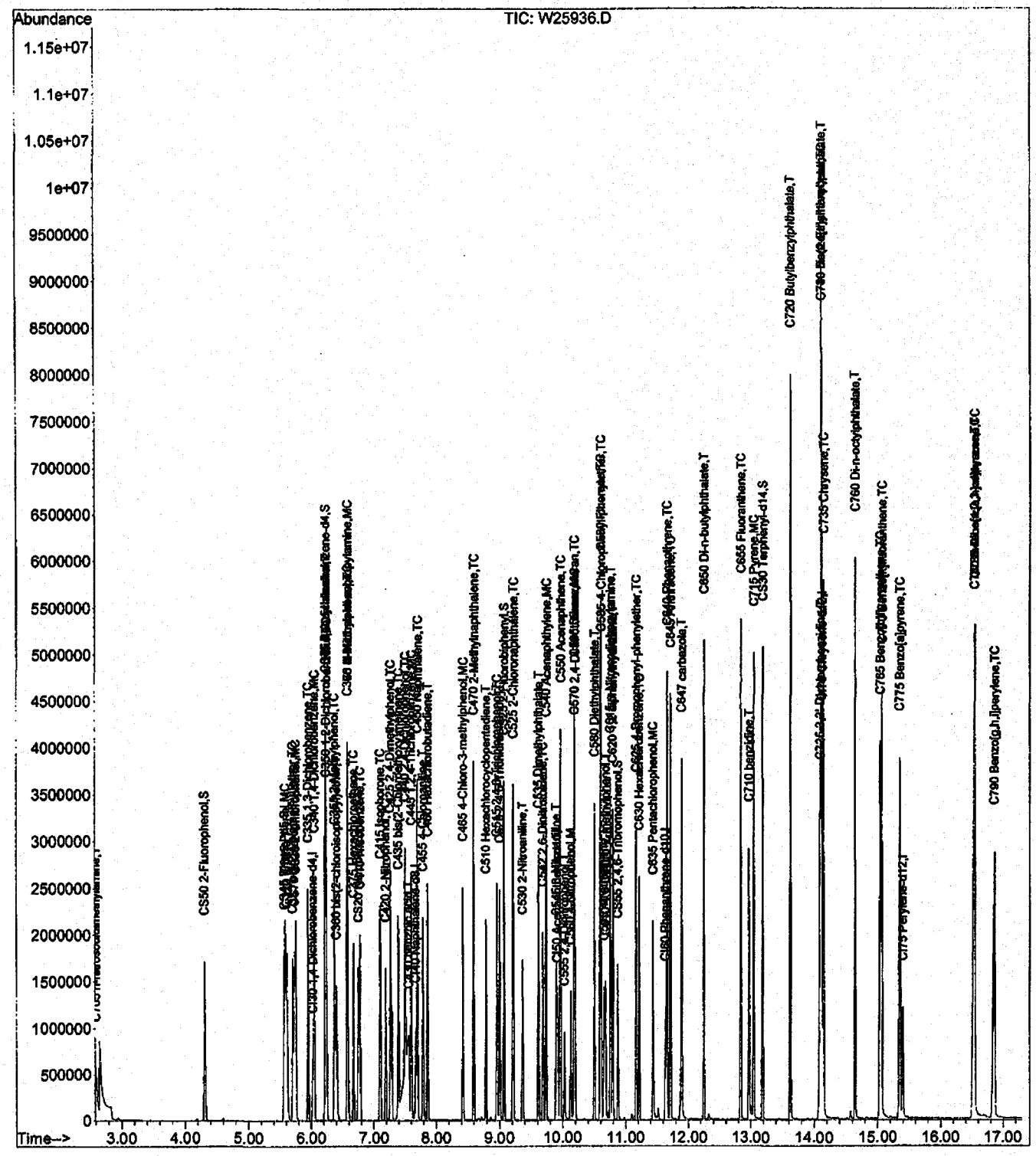
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.60	180	421367	113.31 ng		99
30) C450 Naphthalene	7.70	128	1529471	114.49 ng		98
31) C455 4-Chloroaniline	7.79	127	617537	116.49 ng		100
32) C460 Hexachlorobutadiene	7.86	225	247506	114.86 ng		99
33) C465 4-Chloro-3-methylphen	8.42	107	443709	118.11 ng		90
34) C470 2-Methylnaphthalene	8.59	142	1004562	113.98 ng		96
36) C510 Hexachlorocyclopentad	8.79	237	295742	131.00 ng		99
37) C515 2,4,6-Trichlorophenol	8.96	196	294903	122.67 ng		98
38) C520 2,4,5-Trichlorophenol	9.00	196	308775	119.41 ng		97
40) C525 2-Chloronaphthalene	9.21	162	950694	116.89 ng		97
41) C530 2-Nitroaniline	9.36	65	270720	125.47 ng	#	71
42) C540 Acenaphthylene	9.74	152	1512378	117.80 ng		99
43) C535 Dimethylphthalate	9.62	163	1064492	116.44 ng		99
44) C542 2,6-Dinitrotoluene	9.68	165	240284	126.09 ng		87
45) C550 Acenaphthene	9.96	153	900923	115.39 ng		99
46) C545 3-Nitroaniline	9.90	138	278045	125.81 ng	#	81
47) C555 2,4-Dinitrophenol	10.03	184	125045	160.88 ng	#	74
48) C565 Dibenzofuran	10.18	168	1339638	115.67 ng		78
49) C570 2,4-Dinitrotoluene	10.19	165	324237	125.01 ng	#	4
50) C560 4-Nitrophenol	10.12	109	138819	145.95 ng	#	87
51) C590 Fluorene	10.59	166	1090783	114.56 ng		99
52) C585 4-Chlorophenyl-phenyl	10.61	204	490174	113.10 ng		98
53) C580 Diethylphthalate	10.50	149	1025195	117.18 ng		97
54) C620 1,2 diphenylhydrazine	10.79	77	1081901	115.34 ng		92
55) C595 4-Nitroaniline	10.65	138	278915	129.50 ng	#	82
57) C610 4,6-Dinitro-2-methylp	10.68	198	179152	143.75 ng		100
58) C615 n-Nitrosodiphenylamin	10.75	169	757192	113.62 ng		99
60) C625 4-Bromophenyl-phenyle	11.16	248	299080	113.03 ng		93
61) C630 Hexachlorobenzene	11.21	284	299974	111.25 ng		99
62) C635 Pentachlorophenol	11.44	266	178548	145.80 ng		98
63) C640 Phenanthrene	11.66	178	1522726	111.44 ng		99
64) C645 Anthracene	11.72	178	1592299	114.29 ng		99
65) C647 carbazole	11.89	167	1473328	114.27 ng		99
66) C650 Di-n-butylphthalate	12.25	149	1811978	116.86 ng		99
67) C655 Fluoranthene	12.83	202	1635800	113.43 ng		91
69) C715 Pyrene	13.05	202	1680299	113.12 ng		97
70) C710 benzidine	12.97	184	894576	124.34 ng		100
72) C720 Butylbenzylphthalate	13.62	149	777208	117.74 ng		96
73) C725 3,3'-Dichlorobenzidin	14.09	252	559047	123.19 ng		98
74) C730 Benzo[a]anthracene	14.11	228	1514626	112.30 ng		99
75) C735 Chrysene	14.15	228	1548704	111.12 ng		99
76) C740 bis(2-Ethylhexyl)phth	14.10	149	1100527	114.35 ng		99
77) C760 Di-n-octylphthalate	14.64	149	1969533	121.50 ng		99
79) C765 Benzo[b]fluoranthene	15.04	252	1578331	109.91 ng		98
80) C770 Benzo[k]fluoranthene	15.06	252	1624525	113.70 ng		97
81) C775 Benzo[a]pyrene	15.35	252	1487697	116.48 ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.52	276	1836406	119.73 ng		95
83) C785 Dibenz[a,h]anthracene	16.53	278	1593857	120.96 ng		99
84) C790 Benzo[g,h,i]perylene	16.85	276	1567672	117.36 ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25936.D Vial: 6
Acq On : 26 Aug 2008 12:28 Operator: JLG
Sample : SSTD160 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 08:38:05 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25936.D Vial: 6
Acq On : 26 Aug 2008 12:28 Operator: JLG
Sample : SSTD160 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:38:05 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.03	152	117162	40.00	ng	0.00 112.06%
20) CI40 Naphthalene-d8	7.67	136	502219	40.00	ng	0.00 114.69%
35) CI50 Acenaphthene-d10	9.91	164	281772	40.00	ng	0.00 115.04%
56) CI60 Phenanthrene-d10	11.63	188	487396	40.00	ng	0.00 114.71%
68) CI70 Chrysene-d12	14.12	240	470130	40.00	ng	0.00 112.89%
78) CI75 Perylene-d12	15.40	264	434222	40.00	ng	0.00 124.13%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.31	112	617842	148.19	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 98.79%			
5) CS45 Phenol-d5	5.57	99	823741	146.85	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 97.90%			
6) CS70 2-chlorophenol-d4	5.73	132	643396	143.99	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 95.99%			
12) CS75 1,2-dichlorobenzene-d	6.22	152	375019	140.11	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 140.11%#			
21) CS20 Nitrobenzene-d5	6.76	82	645402	148.16	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 148.16%#			
39) CS25 2-Fluorobiphenyl	9.08	172	1317199	141.68	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 141.68%#			
59) CS55 2,4,6-Tribromophenol	10.88	330	173339	158.31	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 105.54%			
71) CS30 Terphenyl-d14	13.19	244	1625798	145.03	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 145.03%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.60	74	394504m	190.18	ng	# 81
4) C325 bis(2-Chloroethyl)eth	5.70	93	653757	140.69	ng	88
7) C315 Phenol	5.59	94	934690	153.90	ng	# 74
8) C330 2-Chlorophenol	5.75	128	685030	143.72	ng	91
9) C320 aniline	5.61	93	1063229	143.61	ng	100
10) C335 1,3-Dichlorobenzene	5.95	146	709985	140.41	ng	97
11) C340 1,4-Dichlorobenzene	6.05	146	725960	142.57	ng	98
13) C350 1,2-Dichlorobenzene	6.24	146	675548	139.19	ng	98
14) C345 Benzyl alcohol	6.23	108	461064	149.79	ng	90
15) C360 bis(2-chloroisopropyl	6.40	45	1019058	142.48	ng	95
16) C355 2-Methylphenol	6.37	108	618554	145.79	ng	98
17) C375 Hexachloroethane	6.68	117	266261	143.08	ng	94
18) C370 N-Nitroso-di-n-propyl	6.58	70	458132	145.16	ng	86
19) C365 4-Methylphenol	6.58	108	642246	145.04	ng	97
22) C410 Nitrobenzene	6.78	77	673831	146.31	ng	88
23) C415 Isophorone	7.10	82	1287293	146.68	ng	95
24) C430 benzoic acid	7.56	122	1179397	603.35	ng	94
25) C420 2-Nitrophenol	7.19	139	353814	151.29	ng	85
26) C425 2,4-Dimethylphenol	7.26	107	652163	144.38	ng	89
27) C435 bis(2-Chloroethoxy)me	7.39	93	771914	143.00	ng	99
28) C440 2,4-Dichlorophenol	7.50	162	547194	146.54	ng	97

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\082608\W25936.D Vial: 6
Acq On : 26 Aug 2008 12:28 Operator: JLG
Sample : SSTD160 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:38:05 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445	1,2,4-Trichlorobenzen	7.60	180	534375	140.14	ng		98
30) C450	Naphthalene	7.70	128	1930401	140.92	ng		98
31) C455	4-Chloroaniline	7.79	127	797257	146.66	ng		100
32) C460	Hexachlorobutadiene	7.86	225	312863	141.59	ng		99
33) C465	4-Chloro-3-methylphen	8.42	107	567096	147.21	ng		93
34) C470	2-Methylnaphthalene	8.60	142	1286074	142.30	ng		98
36) C510	Hexachlorocyclopentad	8.79	237	373920	160.49	ng		99
37) C515	2,4,6-Trichlorophenol	8.96	196	376786	151.87	ng		96
38) C520	2,4,5-Trichlorophenol	9.00	196	406123	152.18	ng		99
40) C525	2-Chloronaphthalene	9.21	162	1196327	142.52	ng		96
41) C530	2-Nitroaniline	9.36	65	355165	159.50	ng	#	80
42) C540	Acenaphthylene	9.74	152	1928673	145.56	ng		99
43) C535	Dimethylphthalate	9.62	163	1362300	144.39	ng		99
44) C542	2,6-Dinitrotoluene	9.68	165	310769	158.02	ng		91
45) C550	Acenaphthene	9.96	153	1139497	141.42	ng		99
46) C545	3-Nitroaniline	9.90	138	357150	156.58	ng	#	83
47) C555	2,4-Dinitrophenol	10.03	184	165697	206.57	ng	#	78
48) C565	Dibenzofuran	10.18	168	1700287	142.25	ng		80
49) C570	2,4-Dinitrotoluene	10.19	165	423252	158.12	ng	#	1
50) C560	4-Nitrophenol	10.13	109	179574	182.94	ng	#	86
51) C590	Fluorene	10.60	166	1390396	141.49	ng		97
52) C585	4-Chlorophenyl-phenyl	10.61	204	625493	139.84	ng		99
53) C580	Diethylphthalate	10.50	149	1308569	144.92	ng		97
54) C620	1,2 diphenylhydrazine	10.79	77	1395151	144.12	ng		92
55) C595	4-Nitroaniline	10.66	138	362223	162.96	ng	#	81
57) C610	4,6-Dinitro-2-methylp	10.68	198	239238	189.56	ng		100
58) C615	n-Nitrosodiphenylamin	10.75	169	976834	144.74	ng		99
60) C625	4-Bromophenyl-phenyle	11.16	248	383494	143.11	ng		97
61) C630	Hexachlorobenzene	11.22	284	386866	141.68	ng		92
62) C635	Pentachlorophenol	11.44	266	235307	189.75	ng		95
63) C640	Phenanthrene	11.66	178	1960659	141.69	ng		99
64) C645	Anthracene	11.72	178	2043032	144.81	ng		100
65) C647	carbazole	11.90	167	1922363	147.23	ng		99
66) C650	Di-n-butylphthalate	12.25	149	2341922	149.15	ng		99
67) C655	Fluoranthene	12.84	202	2124132	145.44	ng		94
69) C715	Pyrene	13.05	202	2173441	143.62	ng		95
70) C710	benzidine	12.97	184	1153017	157.31	ng		98
72) C720	Butylbenzylphthalate	13.62	149	1012269	150.52	ng		98
73) C725	3,3'-Dichlorobenzidin	14.09	252	733624	158.68	ng		98
74) C730	Benzo[a]anthracene	14.11	228	1961400	142.75	ng		100
75) C735	Chrysene	14.15	228	1993528	140.40	ng		98
76) C740	bis(2-Ethylhexyl)phth	14.11	149	1410248	143.83	ng		99
77) C760	Di-n-octylphthalate	14.64	149	2554085	154.65	ng		100
79) C765	Benzo[b]fluoranthene	15.04	252	2194703	147.49	ng		99
80) C770	Benzo[k]fluoranthene	15.07	252	2007153	135.56	ng		99
81) C775	Benzo[a]pyrene	15.35	252	1948772	147.24	ng		98
82) C780	Indeno[1,2,3-cd]pyren	16.53	276	2448078	154.03	ng		92
83) C785	Dibenz[a,h]anthracene	16.54	278	2089903	153.06	ng		97
84) C790	Benzo[g,h,i]perylene	16.86	276	2119910	153.15	ng		98

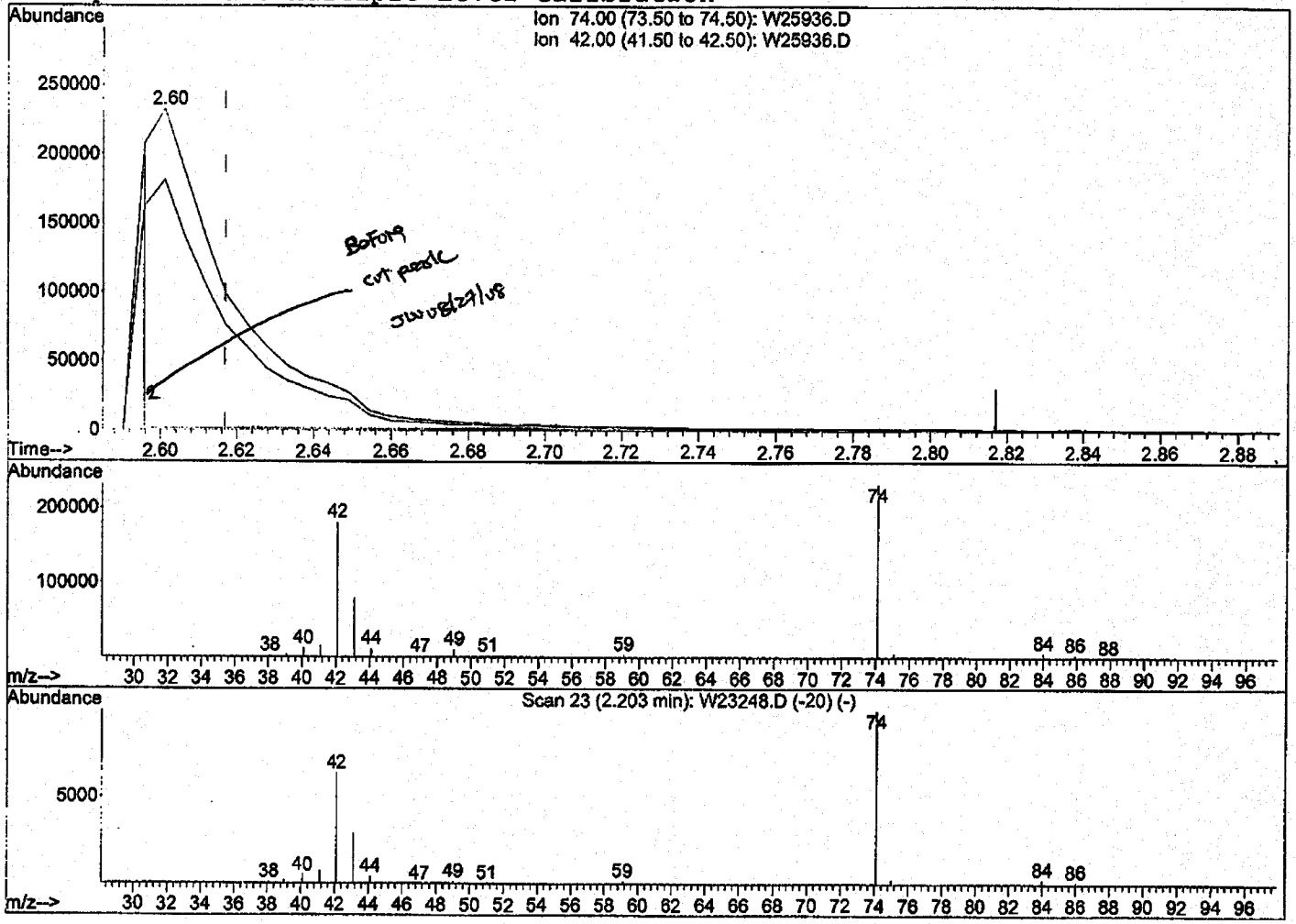
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\082608\W25936.D
Acq On : 26 Aug 2008 12:28
Sample : SSTD160
Misc : 8270 (08.25.08)
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:43 2008

Vial: 6
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Multiple Level Calibration



TIC: W25936.D

(2) C705 n-nitrosodidimethylamine (T)

2.60min (-0.016) 153.45ng

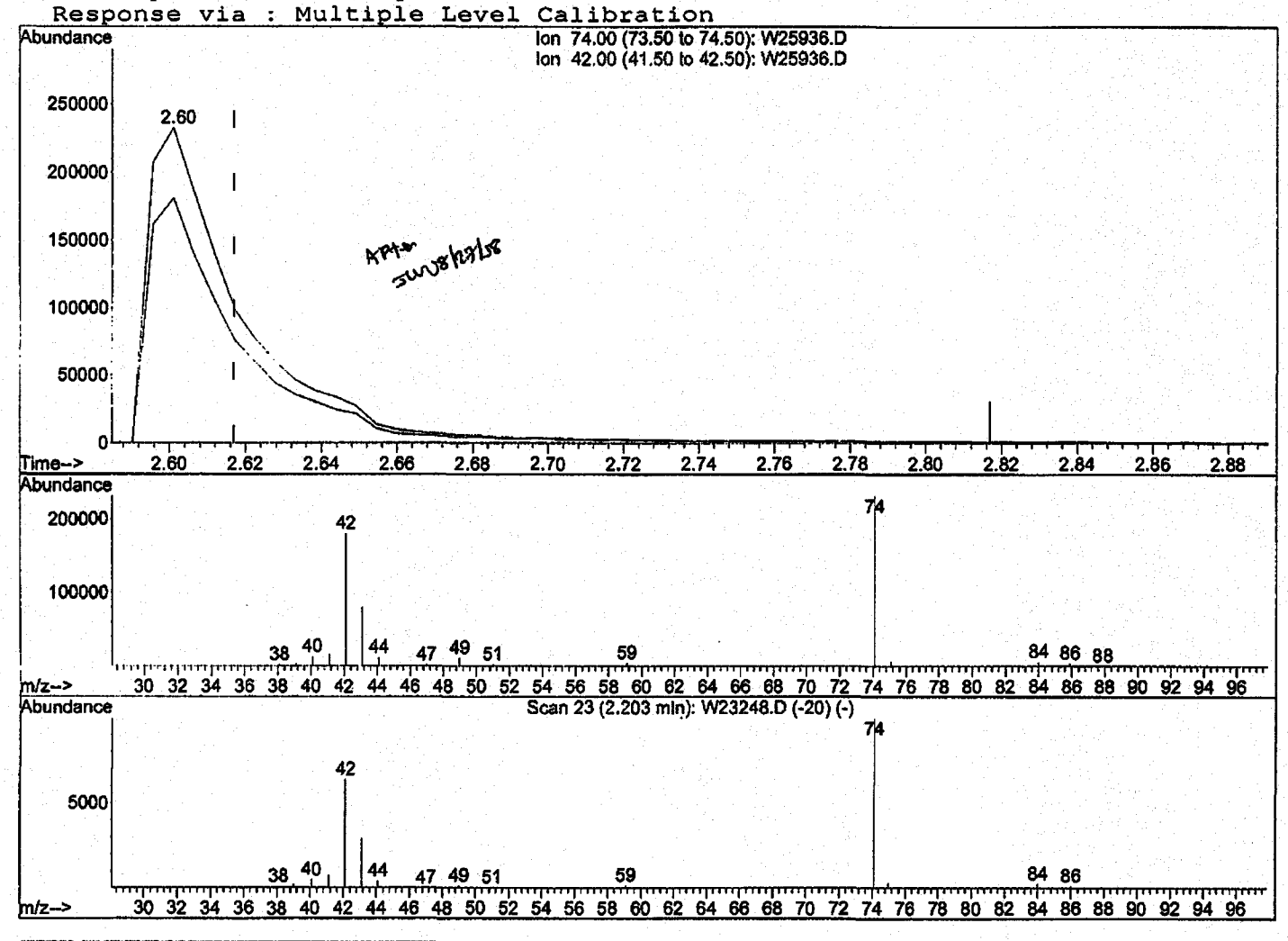
response 318316

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	75.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\082608\W25936.D Vial: 6
Acq On : 26 Aug 2008 12:28 Operator: JLG
Sample : SSTD160 Inst : Instrumen
Misc : 8270 (08.25.08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 08:37:43 2008

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:36:27 2008
Response via : Multiple Level Calibration



TIC: W25936.D

(2) C705 n-nitrosodidimethylamine (T)

2.60min (-0.016) 190.18ng m

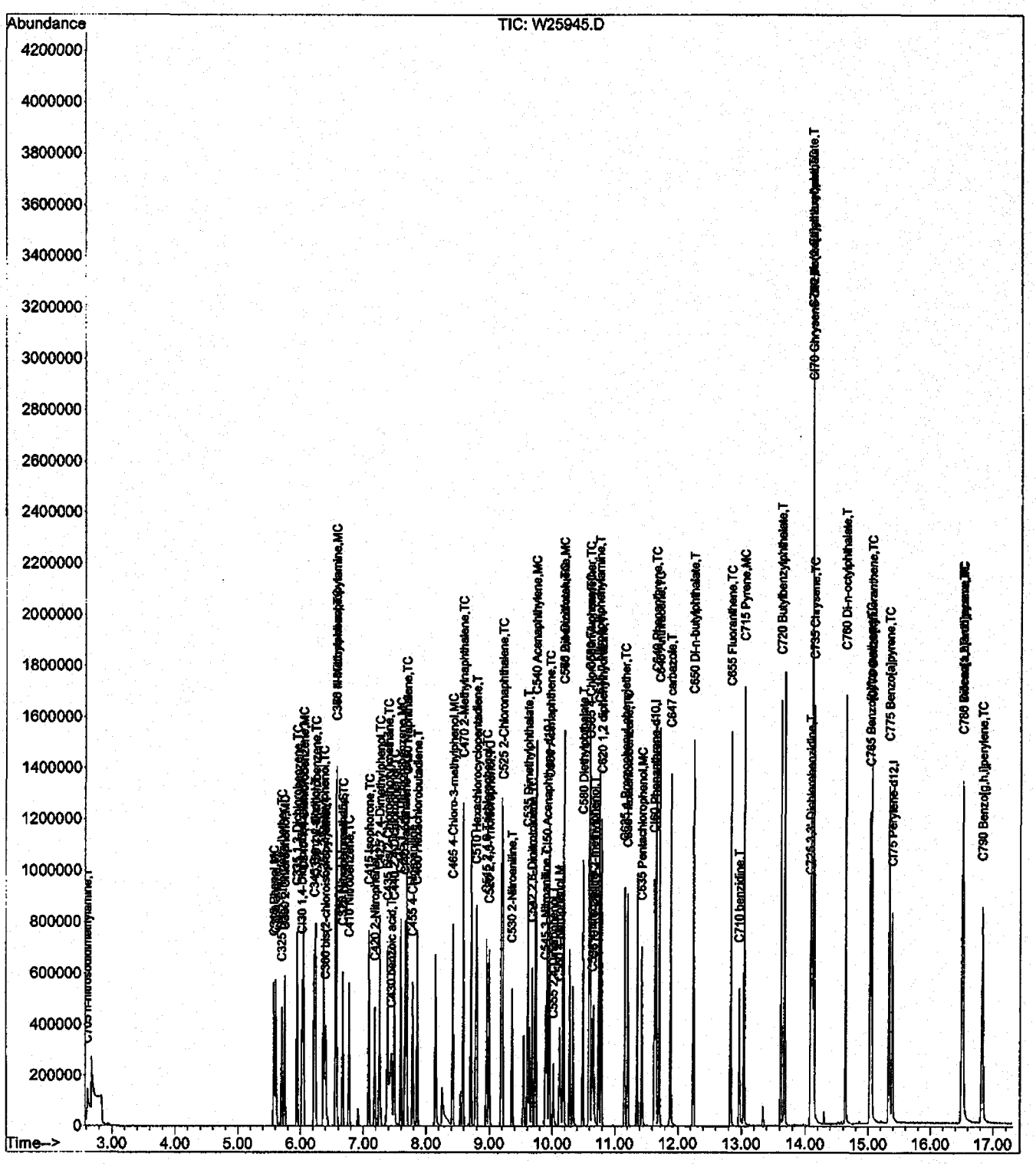
response 394504

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	60.70#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\082608\W25945.D Vial: 3
Acq On : 26 Aug 2008 18:37 Operator: JLG
Sample : CHECK050 Inst : Instrumen
Misc : SSCAL (06/03/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 27 16:30:09 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:49:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\082608\W25945.D Vial: 3
Acq On : 26 Aug 2008 18:37 Operator: JLG
Sample : CHECK050 Inst : Instrumen
Misc : SSCAL (06/03/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 16:30:09 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:49:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.03	152	102574	40.00	ng	0.00 98.11%
20) CI40 Naphthalene-d8	7.67	136	397602	40.00	ng	0.00 90.80%
35) CI50 Acenaphthene-d10	9.91	164	219883	40.00	ng	0.00 89.77%
56) CI60 Phenanthrene-d10	11.63	188	334252	40.00	ng	0.00 78.67%
68) CI70 Chrysene-d12	14.11	240	366187	40.00	ng	0.00 87.93%
78) CI75 Perylene-d12	15.39	264	320316	40.00	ng	0.00 91.56%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount 150.000	Range 21 - 110		Recovery =	0.00%#		
5) CS45 Phenol-d5	0.00	99	0	0.00	ng	
Spiked Amount 150.000	Range 10 - 110		Recovery =	0.00%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.67	82	17976	5.21	ng	-0.08
Spiked Amount 100.000	Range 34 - 114		Recovery =	5.21%#		
39) CS25 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
Spiked Amount 100.000	Range 43 - 116		Recovery =	0.00%#		
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount 150.000	Range 10 - 123		Recovery =	0.00%#		
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng	
Spiked Amount 100.000	Range 33 - 141		Recovery =	0.00%#		
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.62	74	102910	48.71	ng	86
4) C325 bis(2-Chloroethyl)eth	5.70	93	180720	44.42	ng	87
7) C315 Phenol	5.58	94	249414	46.91	ng	# 73
8) C330 2-Chlorophenol	5.75	128	190644	45.69	ng	88
9) C320 aniline	5.60	93	280962	43.35	ng	91
10) C335 1,3-Dichlorobenzene	5.95	146	218475	49.35	ng	98
11) C340 1,4-Dichlorobenzene	6.05	146	219995	49.35	ng	97
13) C350 1,2-Dichlorobenzene	6.24	146	207203	48.76	ng	99
14) C345 Benzyl alcohol	6.22	108	130439	48.40	ng	# 83
15) C360 bis(2-chloroisopropyl	6.40	45	277550	44.33	ng	96
16) C355 2-Methylphenol	6.37	108	181714	48.92	ng	97
17) C375 Hexachloroethane	6.67	117	82296	50.51	ng	87
18) C370 N-Nitroso-di-n-propyl	6.56	70	129000	46.69	ng	90
19) C365 4-Methylphenol	6.57	108	187865	48.46	ng	88
22) C410 Nitrobenzene	6.77	77	184854	50.70	ng	86
23) C415 Isophorone	7.09	82	343307	49.41	ng	96
24) C430 benzoic acid	7.45	122	218898	145.91	ng	96
25) C420 2-Nitrophenol	7.18	139	99353	53.66	ng	83
26) C425 2,4-Dimethylphenol	7.26	107	185421	51.85	ng	87
27) C435 bis(2-Chloroethoxy)me	7.39	93	214939	50.30	ng	96
28) C440 2,4-Dichlorophenol	7.49	162	158210	53.52	ng	95

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\082608\W25945.D Vial: 3
Acq On : 26 Aug 2008 18:37 Operator: JLG
Sample : CHECK050 Inst : Instrumen
Misc : SSCAL (06/03/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 27 16:30:09 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:49:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\082608\W25937.D (26 Aug 2008 12:51)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.60	180	159648	52.88	ng		99
30) C450 Naphthalene	7.69	128	601684	55.48	ng		98
31) C455 4-Chloroaniline	7.79	127	209388	48.65	ng		99
32) C460 Hexachlorobutadiene	7.86	225	92441	52.84	ng		98
33) C465 4-Chloro-3-methylphen	8.42	107	165571	54.29	ng		92
34) C470 2-Methylnaphthalene	8.59	142	419747	58.66	ng		96
36) C510 Hexachlorocyclopentad	8.79	237	90525	49.79	ng		97
37) C515 2,4,6-Trichlorophenol	8.95	196	107827	55.69	ng		95
38) C520 2,4,5-Trichlorophenol	9.00	196	118174	56.75	ng		99
40) C525 2-Chloronaphthalene	9.20	162	365454	55.79	ng		98
41) C530 2-Nitroaniline	9.35	65	99771	57.42	ng	#	80
42) C540 Acenaphthylene	9.73	152	584882	56.57	ng		98
43) C535 Dimethylphthalate	9.60	163	392516	53.31	ng		99
44) C542 2,6-Dinitrotoluene	9.67	165	89312	58.19	ng		89
45) C550 Acenaphthene	9.95	153	317974	50.57	ng		98
46) C545 3-Nitroaniline	9.89	138	93759	52.68	ng		85
47) C555 2,4-Dinitrophenol	10.02	184	41127	52.97	ng	#	77
48) C565 Dibenzofuran	10.18	168	493481	52.91	ng		81
49) C570 2,4-Dinitrotoluene	10.18	165	124876	59.78	ng	#	1
50) C560 4-Nitrophenol	10.11	109	48599	55.80	ng	#	89
51) C590 Fluorene	10.59	166	443909	57.89	ng		97
52) C585 4-Chlorophenyl-phenyl	10.60	204	196744	56.37	ng		96
53) C580 Diethylphthalate	10.49	149	389430	55.27	ng		97
54) C620 1,2 diphenylhydrazine	10.79	77	420602	55.68	ng		92
55) C595 4-Nitroaniline	10.64	138	102450	59.07	ng	#	80
57) C610 4,6-Dinitro-2-methylp	10.66	198	69842	69.64	ng		100
58) C615 n-Nitrosodiphenylamin	10.74	169	371573	80.28	ng		98
60) C625 4-Bromophenyl-phenyle	11.16	248	110009	59.86	ng		92
61) C630 Hexachlorobenzene	11.21	284	114976	61.40	ng		96
62) C635 Pentachlorophenol	11.43	266	80854	80.92	ng		97
63) C640 Phenanthrene	11.66	178	596469	62.86	ng		99
64) C645 Anthracene	11.71	178	588794	60.86	ng		99
65) C647 carbazole	11.89	167	557507	62.26	ng		98
66) C650 Di-n-butylphthalate	12.24	149	668792	62.11	ng		99
67) C655 Fluoranthene	12.83	202	645573	64.46	ng		97
69) C715 Pyrene	13.04	202	654505	55.53	ng		98
70) C710 benzidine	12.96	184	228561	40.03	ng		100
72) C720 Butylbenzylphthalate	13.62	149	310071	59.19	ng		99
73) C725 3,3'-Dichlorobenzidin	14.08	252	164112	45.57	ng		98
74) C730 Benzo[a]anthracene	14.10	228	608816	56.89	ng		99
75) C735 Chrysene	14.14	228	605727	54.77	ng		98
76) C740 bis(2-Ethylhexyl)phth	14.10	149	423535	55.46	ng		99
77) C760 Di-n-octylphthalate	14.64	149	701918	54.57	ng		100
79) C765 Benzo[b]fluoranthene	15.03	252	569951	51.92	ng		99
80) C770 Benzo[k]fluoranthene	15.05	252	588103	53.85	ng		97
81) C775 Benzo[a]pyrene	15.34	252	607527	62.23	ng		97
82) C780 Indeno[1,2,3-cd]pyren	16.51	276	581953	49.63	ng		97
83) C785 Dibenz[a,h]anthracene	16.52	278	517683	51.40	ng		97
84) C790 Benzo[g,h,i]perylene	16.83	276	535030	52.40	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000608-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973X Calibration Dates(s): 08/13/2008 08/13/2008

Calibration Times: 15:45 17:39

Lab File ID: RRF5 = X25690.RR RRF20 = X25691.RR RRF50 = X25692.RR
RRF80 = X25693.RR RRF120 = X25694.RR RRF160 = X25695.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.081	0.097	0.098	0.106	0.111	0.115	0.1020	11.900
Atrazine	0.161	0.202	0.180	0.182	0.189	0.186	0.1830	7.300
Acetophenone	1.916	2.114	1.929	1.966	2.006	1.919	1.9750	3.900
Biphenyl	1.745	1.892	1.769	1.696	1.676	1.578	1.7260	6.100
Benzaldehyde	1.309	1.427	1.317	1.349	1.376	1.322	1.3500	3.400

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\TCLADDS\
Method File : A8I0608.M
Title : OLM4.0 ADDS
Last Update : Thu Aug 14 13:34:40 2008
Response Via : Initial Calibration

I-608

Calibration Files
5 =X25690.D 20 =X25691.D 50 =X25692.D
80 =X25693.D 120 =X25694.D 160 =X25695.D

			Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	ISTD							
2)	TC	E600	Benzaldehyde	1.309	1.427	1.316	1.349	1.376	1.322	1.350	3.36#
3)		E145	Acetophenone	1.916	2.114	1.928	1.966	2.006	1.919	1.975	3.87
4)	I	CI40	Naphthalene-d8	ISTD							
5)		E655	Caprolactam	0.081	0.097	0.098	0.106	0.111	0.115	0.102	11.95
6)		E195	1,2,4,5-Tetrac	0.242	0.270	0.249	0.241	0.241	0.229	0.245	5.51
7)	I	CI50	Acenaphthene-d8	ISTD							
8)		C811	1,1'-Biphenyl	1.745	1.892	1.769	1.696	1.676	1.578	1.726	6.07
9)		E230	2,3,4,6-Tetrac	0.170	0.212	0.215	0.224	0.230	0.223	0.212	10.13
10)	I	CI60	Phenanthrene-d10	ISTD							
11)		E510	Atrazine	0.161	0.202	0.180	0.182	0.189	0.186	0.183	7.34
12)	I	CI70	Chrysene-d12	ISTD							
13)	I	CI75	Perylene-d12	ISTD							
			Total Average %RSD								6.89

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0608.M Thu Aug 14 13:35:40 2008

Date: 09/19/2008 ICC Profile Page: 1
Time: 17:40:01 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3 Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8 Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2 2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2 3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9 Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5 2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7 4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9 Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2 2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2 Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3 4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7 Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6 4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1 4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6 N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3 4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1 Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5 Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8 Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7 Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2 Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0 Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0 Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7 Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1 3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3 Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9 Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7 Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0 Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2 Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9 Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8 Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5 Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3 Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2 Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0 Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8 2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0 p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4 Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2 Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4 2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6 2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7 1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9 Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9 Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2 Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0 Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8 Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13 Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2 1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6 1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3 1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

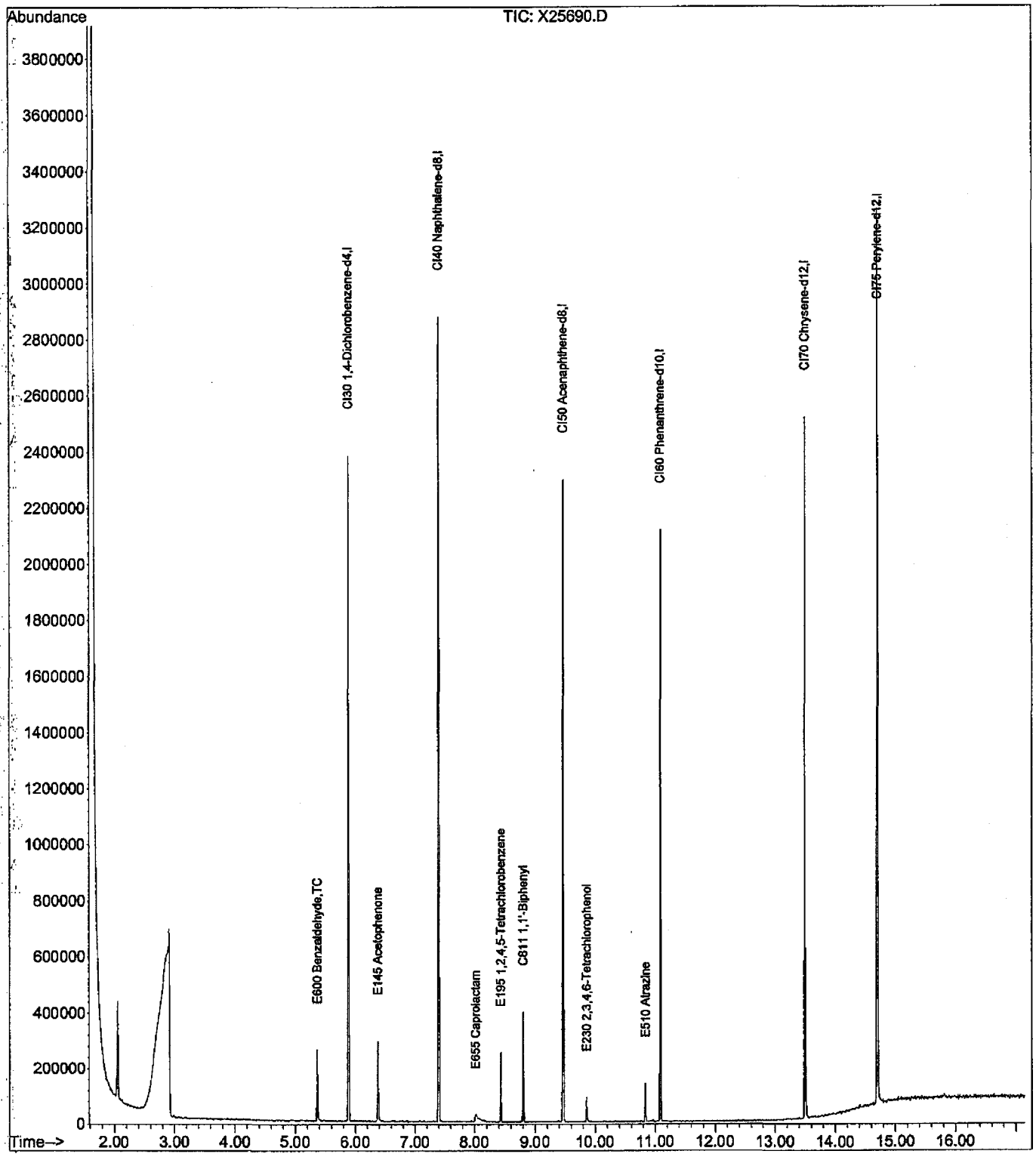
Seq	Parameter		ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25690.D
Acq On : 13 Aug 2008 15:45
Sample : SSTD005
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 14 13:30:39 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25690.D Vial: 9
Acq On : 13 Aug 2008 15:45 Operator: AJ
Sample : SSTD005 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 14 13:30:39 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.89	152	354782	40.00	ng		0.19 142.86%
4) CI40 Naphthalene-d8	7.40	136	1251565	40.00	ng		0.18 140.53%
7) CI50 Acenaphthene-d8	9.47	164	513243	40.00	ng		0.17 120.72%
10) CI60 Phenanthrene-d10	11.09	188	665270	40.00	ng		0.15 107.28%
12) CI70 Chrysene-d12	13.49	240	702522	40.00	ng		0.14 110.49%
13) CI75 Perylene-d12	14.70	264	1042501	40.00	ng		0.17 135.76%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	58032	4.19	ng		95
3) E145 Acetophenone	6.38	105	84983	4.83	ng		95
5) E655 Caprolactam	8.01	113	12689m	8.15	ng	#	84
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	37806	3.64	ng		97
8) C811 1,1'-Biphenyl	8.80	154	111925	4.91	ng		97
9) E230 2,3,4,6-Tetrachloroph	9.86	232	10938	2.76	ng	#	100
11) E510 Atrazine	10.84	200	13365	3.51	ng		92

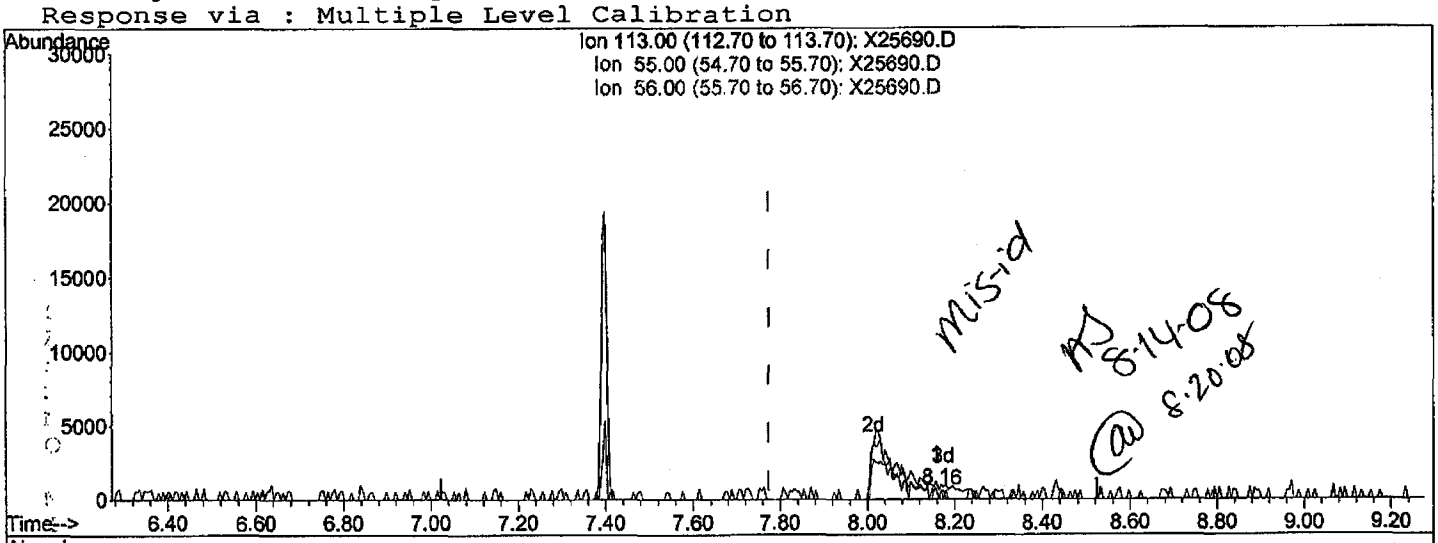
(#) = qualifier out of range (m) = manual integration (+) = signals summed

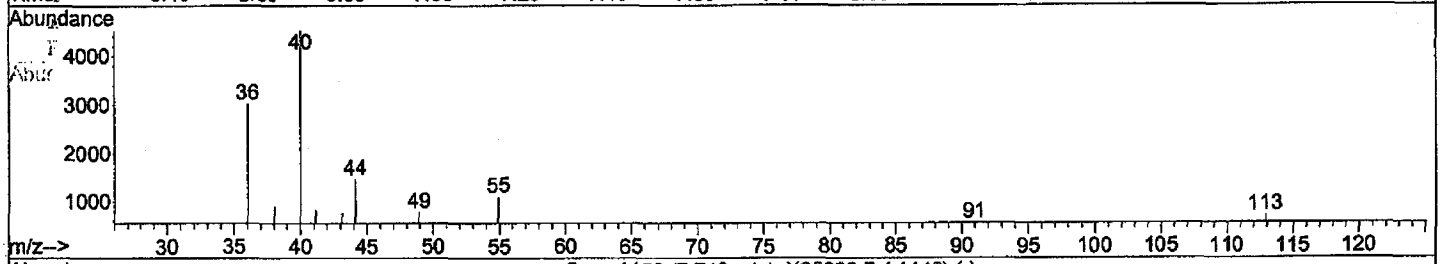
Quantitation Report (Qedit)

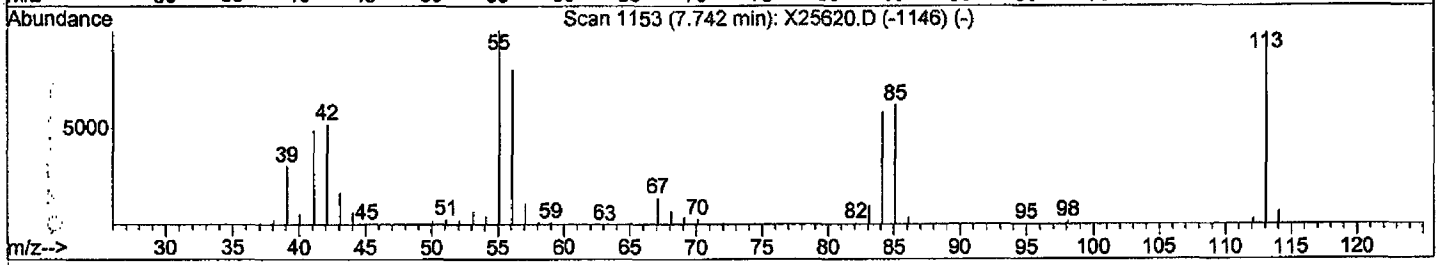
Data File : D:\DATA\081308\X25690.D
Acq On : 13 Aug 2008 15:45
Sample : SSTD005
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:30:25 2008

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration







TIC: X25690.D

(5) E655 Caprolactam

8.16min (+0.385) 4.79ng

response 441

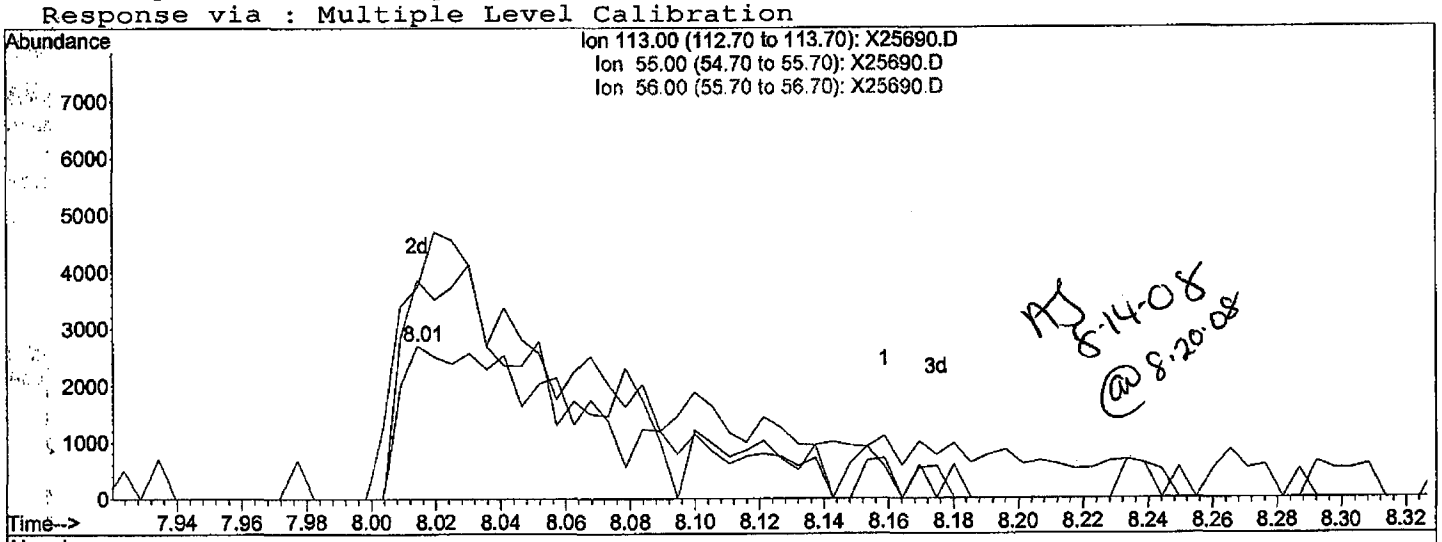
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	74.57
56.00	94.00	79.12
0.00	0.00	0.00

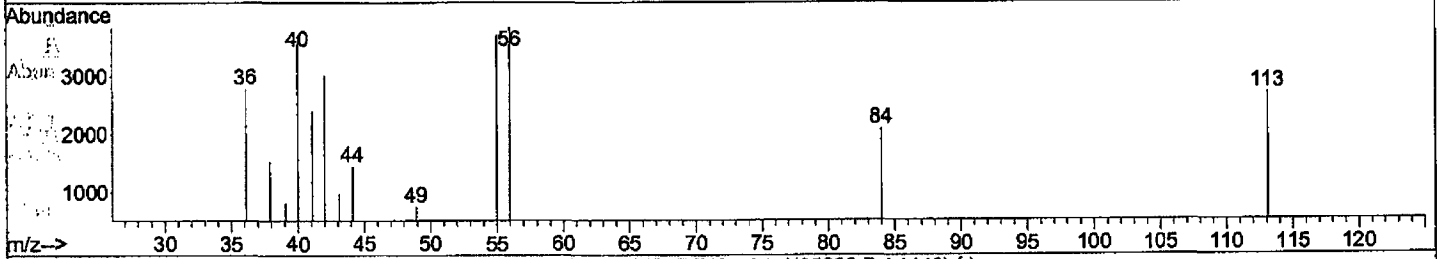
Quantitation Report (Qedit)

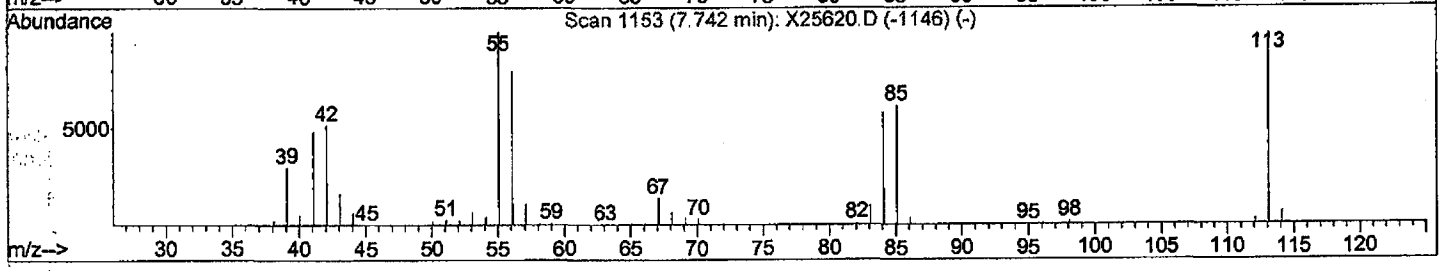
Data File : D:\DATA\081308\X25690.D
Acq On : 13 Aug 2008 15:45
Sample : SSTD005
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:30:25 2008

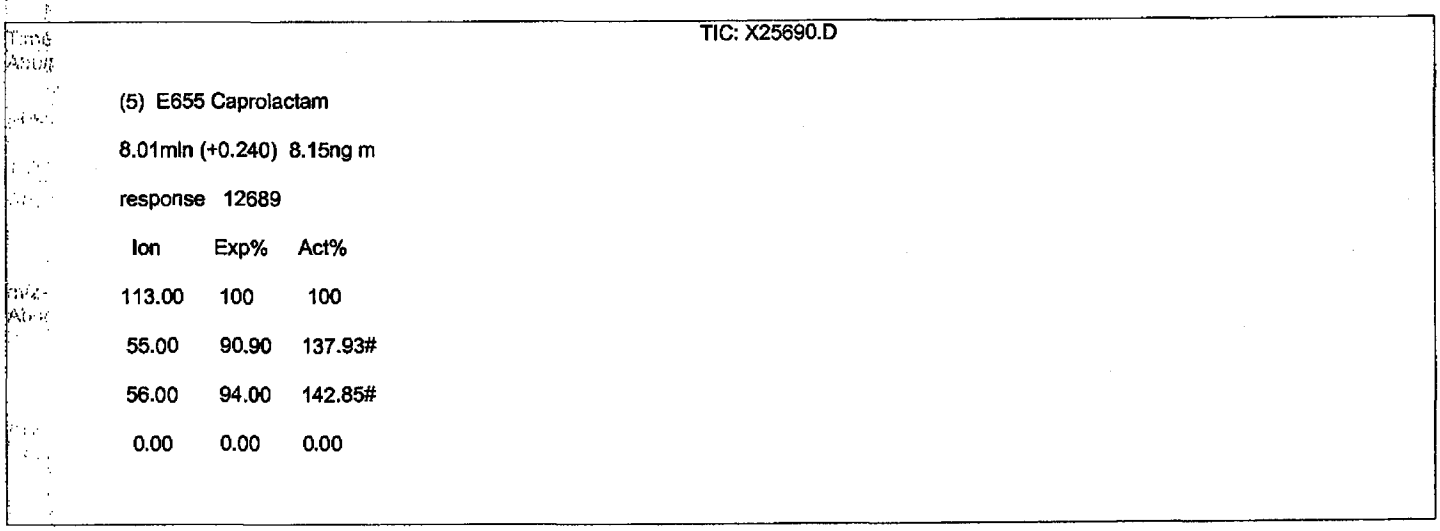
Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration





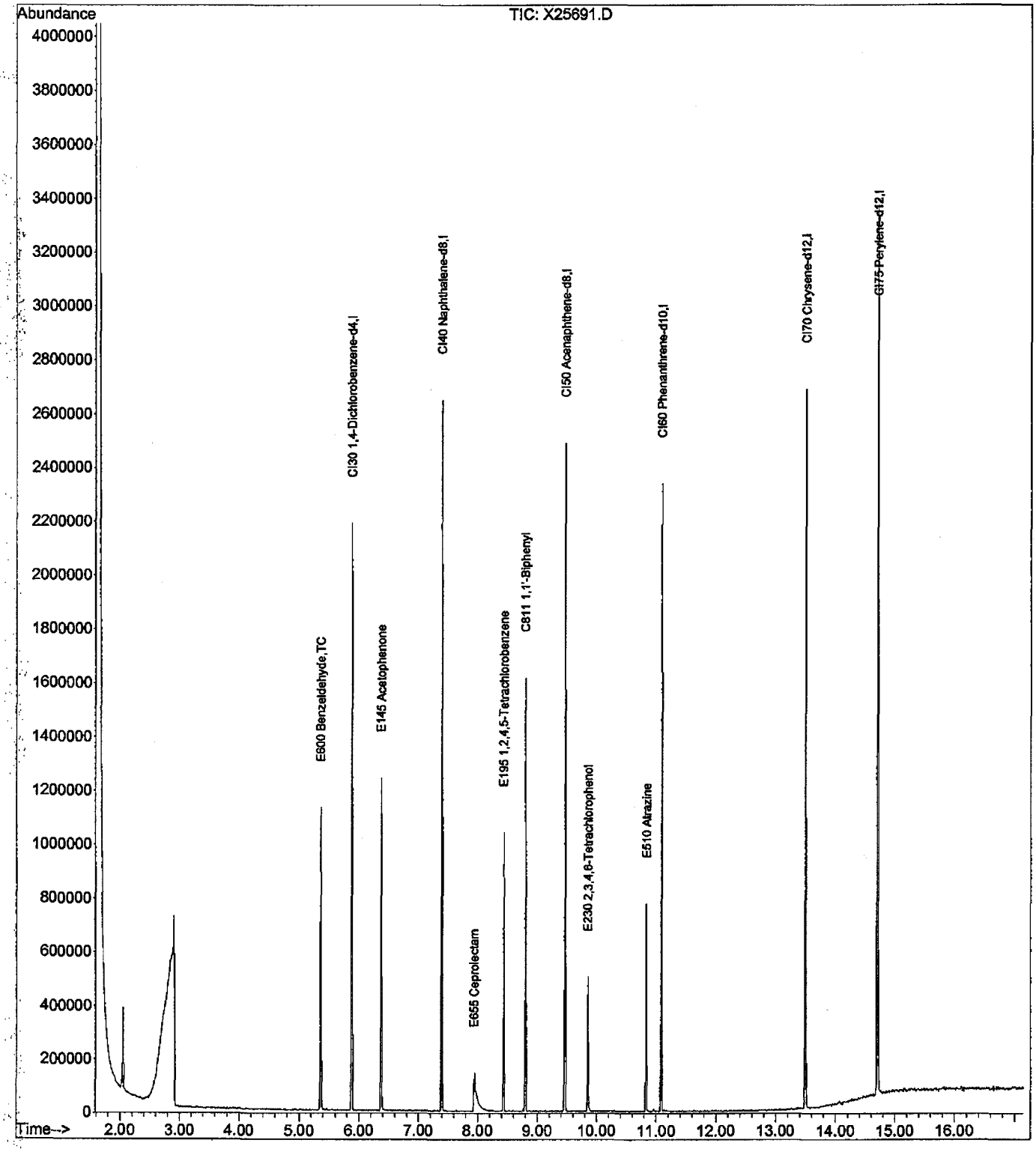




Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25691.D Vial: 10
Acq On : 13 Aug 2008 16:08 Operator: AJ
Sample : SSTD020 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 14 13:31:11 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25691.D
Acq On : 13 Aug 2008 16:08
Sample : SSTD020
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:31:11 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	334017	40.00	ng		0.18 134.50%
4) CI40 Naphthalene-d8	7.39	136	1190471	40.00	ng		0.17 133.67%
7) CI50 Acenaphthene-d8	9.46	164	506881	40.00	ng		0.17 119.23%
10) CI60 Phenanthrene-d10	11.09	188	724413	40.00	ng		0.15 116.82%
12) CI70 Chrysene-d12	13.49	240	758513	40.00	ng		0.14 119.30%
13) CI75 Perylene-d12	14.70	264	1064980	40.00	ng		0.17 138.68%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	238383	18.30	ng		91
3) E145 Acetophenone	6.37	105	353078	21.33	ng		96
5) E655 Caprolactam	7.94	113	57969m	21.37	ng	#	57
6) E195 1,2,4,5-Tetrachlorobe	8.43	216	160510	16.26	ng		98
8) C811 1,1'-Biphenyl	8.79	154	479453	21.30	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.85	232	53635	13.69	ng	#	100
11) E510 Atrazine	10.84	200	73071	17.62	ng		90

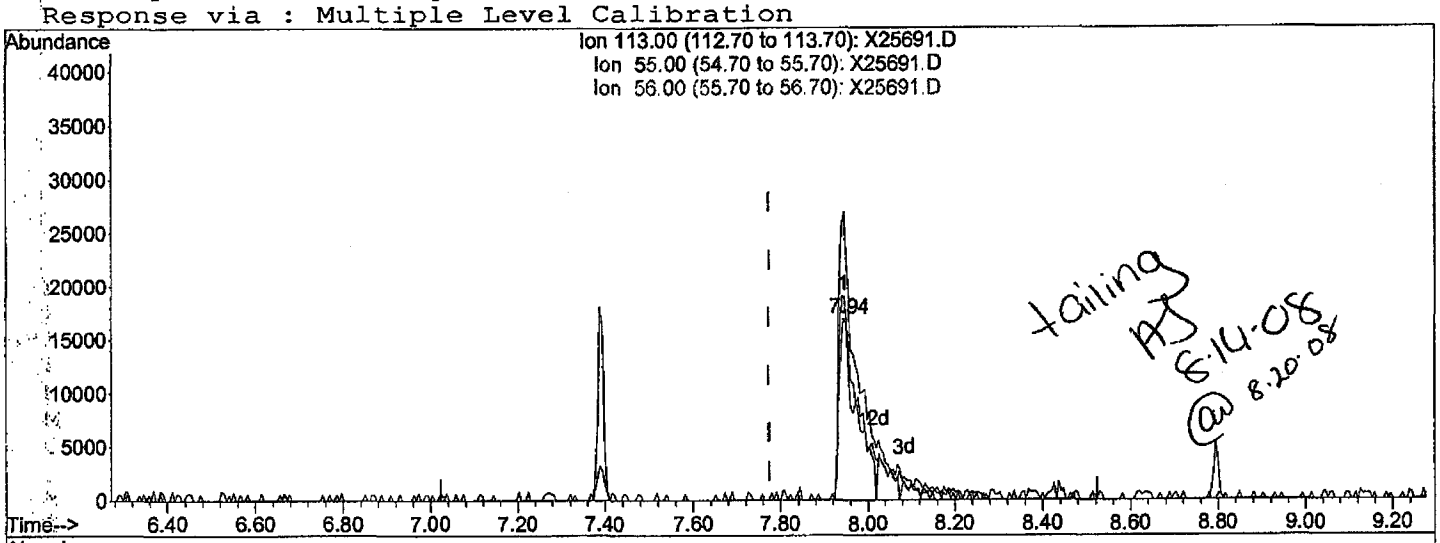
(#) = qualifier out of range (m) = manual integration (+) = signals summed

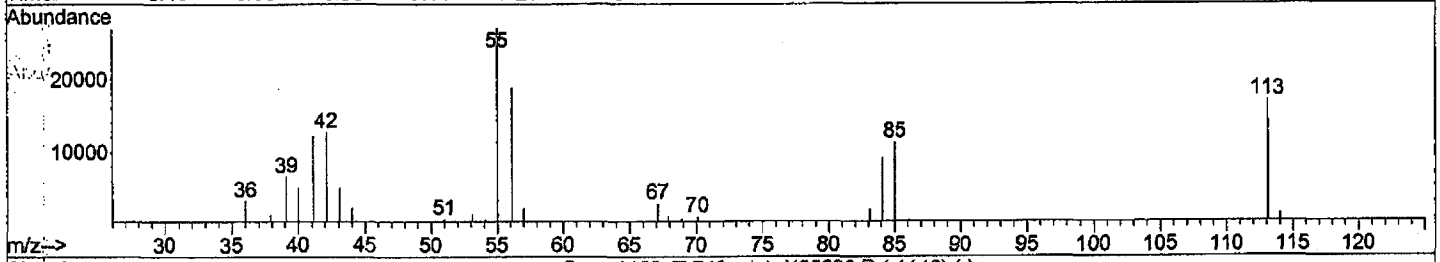
Quantitation Report (Qedit)

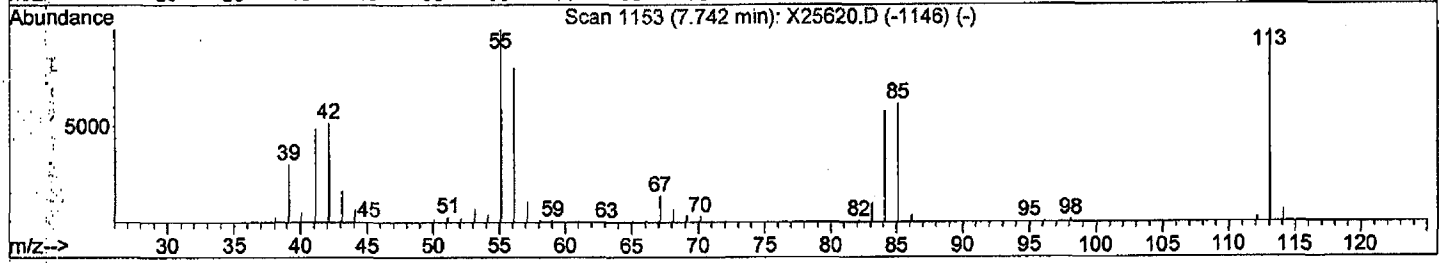
Data File : D:\DATA\081308\X25691.D
Acq On : 13 Aug 2008 16:08
Sample : SSTD020
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:30:58 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration







TIC: X25691.D

(5) E655 Caprolactam

7.94min (+0.171) 17.88ng

response 45845

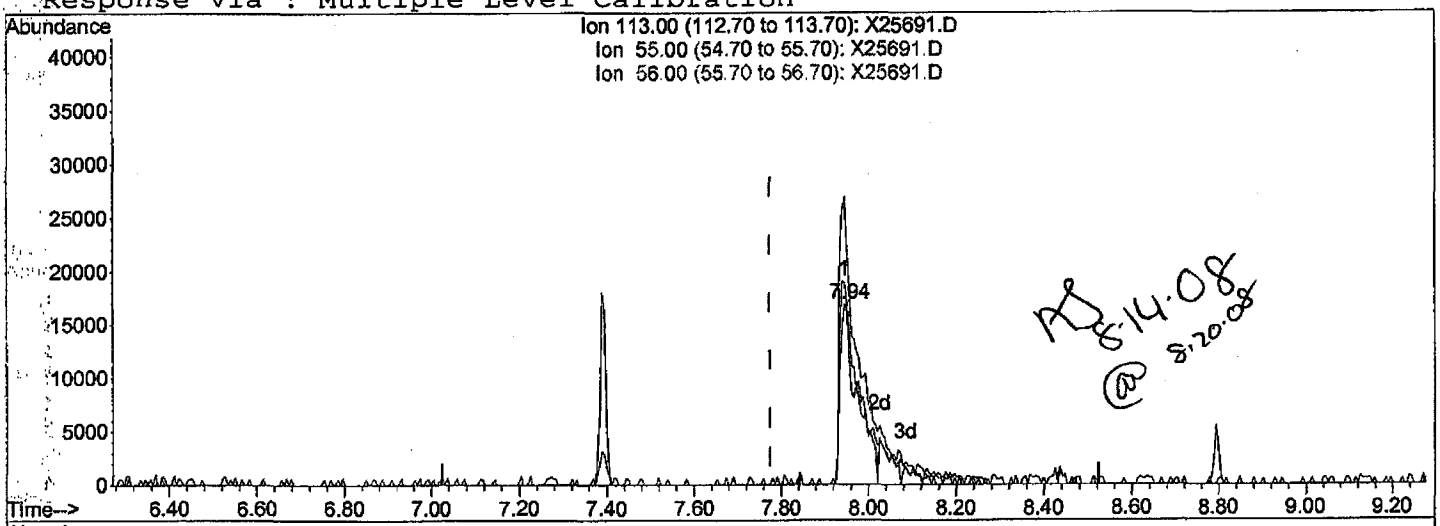
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	155.41#
56.00	94.00	111.56
0.00	0.00	0.00

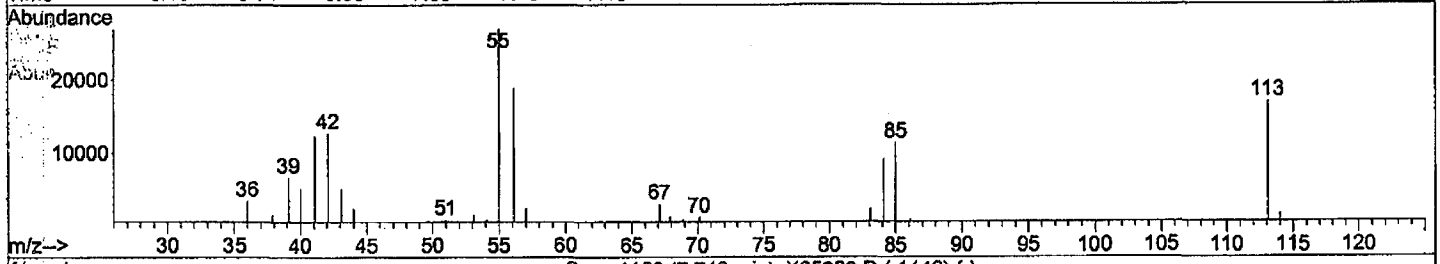
Quantitation Report (Qedit)

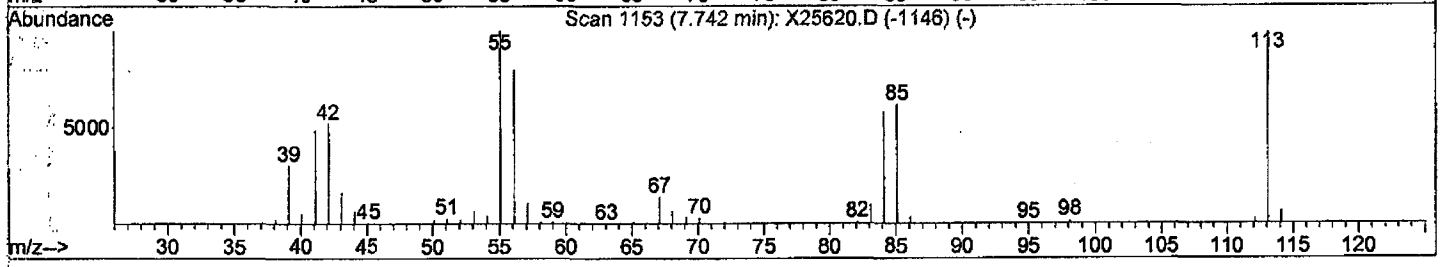
Data File : D:\DATA\081308\X25691.D
Acq On : 13 Aug 2008 16:08
Sample : SSTD020
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:30:58 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration







TIC: X25691.D

(5) E655 Caprolactam

7.94min (+0.171) 21.37ng m

response 57969

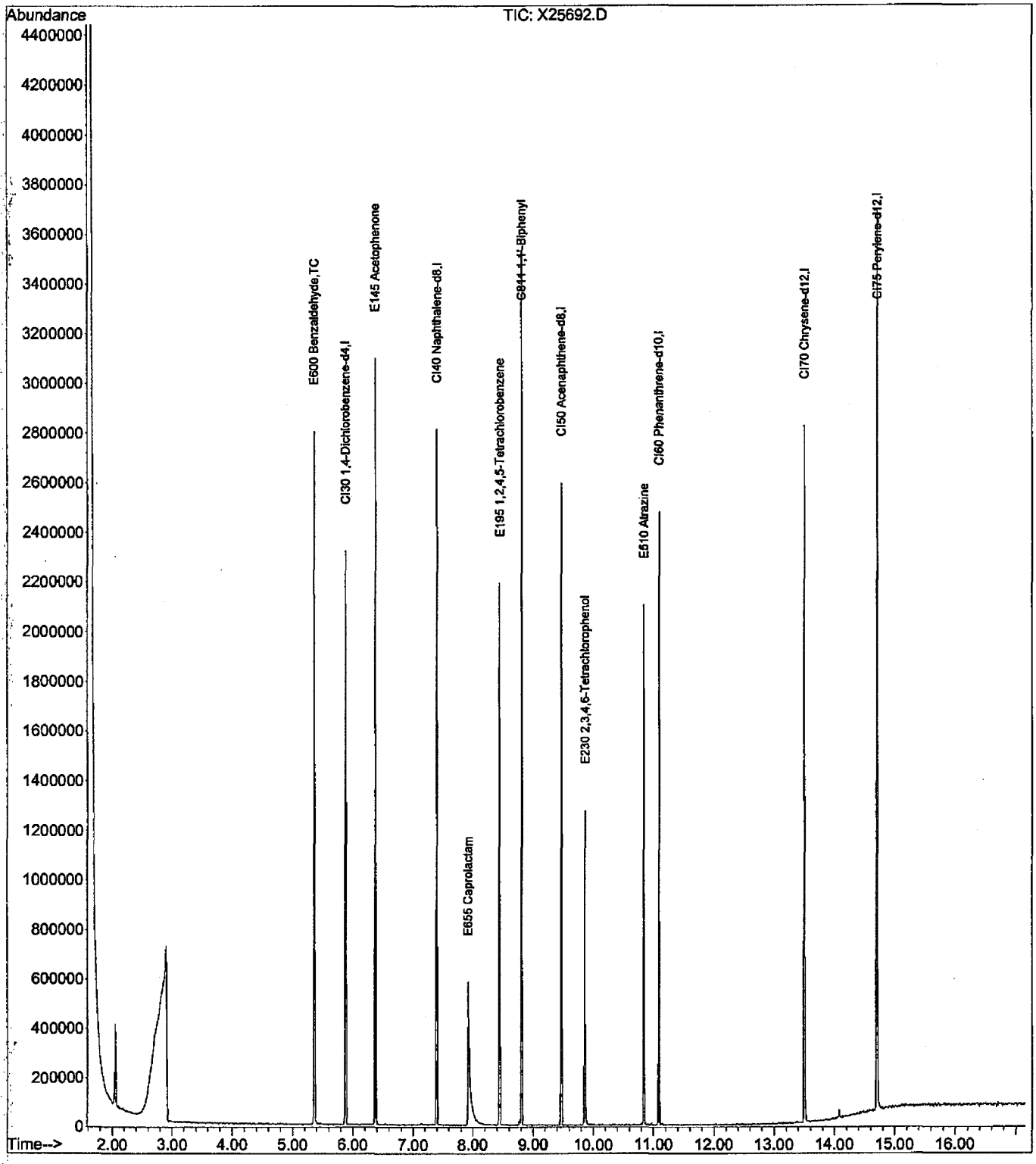
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	158.92#
56.00	94.00	111.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25692.D
Acq On : 13 Aug 2008 16:31
Sample : SSTD050
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 14 13:31:46 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25692.D Vial: 11
Acq On : 13 Aug 2008 16:31 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 14 13:31:46 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	361143	40.00	ng		0.18 145.42%
4) CI40 Naphthalene-d8	7.39	136	1271759	40.00	ng		0.17 142.80%
7) CI50 Acenaphthene-d8	9.46	164	536620	40.00	ng		0.17 126.22%
10) CI60 Phenanthrene-d10	11.09	188	774499	40.00	ng		0.15 124.90%
12) CI70 Chrysene-d12	13.49	240	825212	40.00	ng		0.14 129.79%
13) CI75 Perylene-d12	14.70	264	1143737	40.00	ng		0.17 148.94%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	594305	42.19	ng		89
3) E145 Acetophenone	6.37	105	870568	48.65	ng		96
5) E655 Caprolactam	7.92	113	156452m	46.86	ng	#	61
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	395157	37.47	ng		99
8) C811 1,1'-Biphenyl	8.80	154	1186689	49.81	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.86	232	143910	34.71	ng	#	100
11) E510 Atrazine	10.84	200	174144	39.27	ng		89

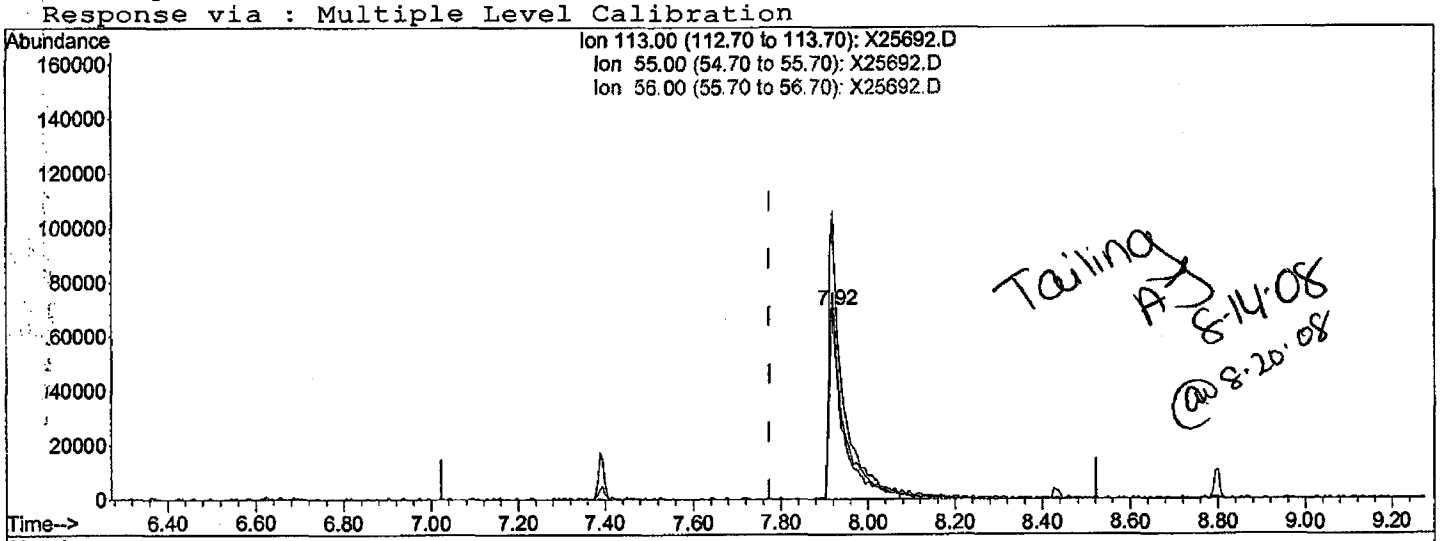
(#) = qualifier out of range (m) = manual integration (+) = signals summed

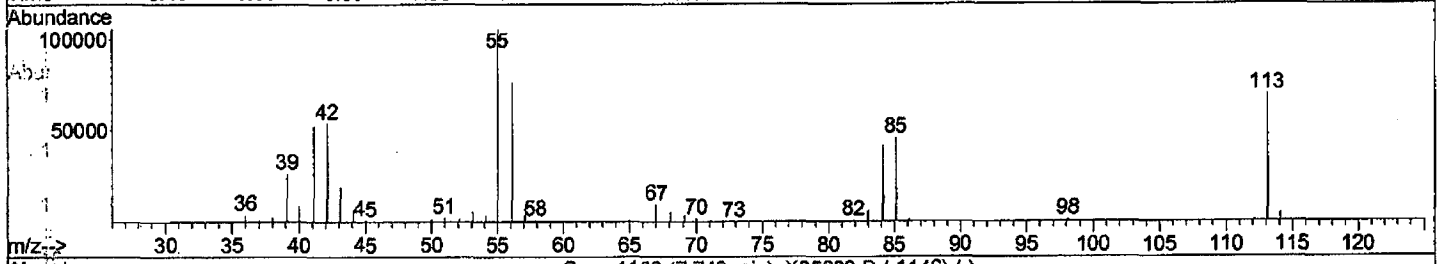
Quantitation Report (Qedit)

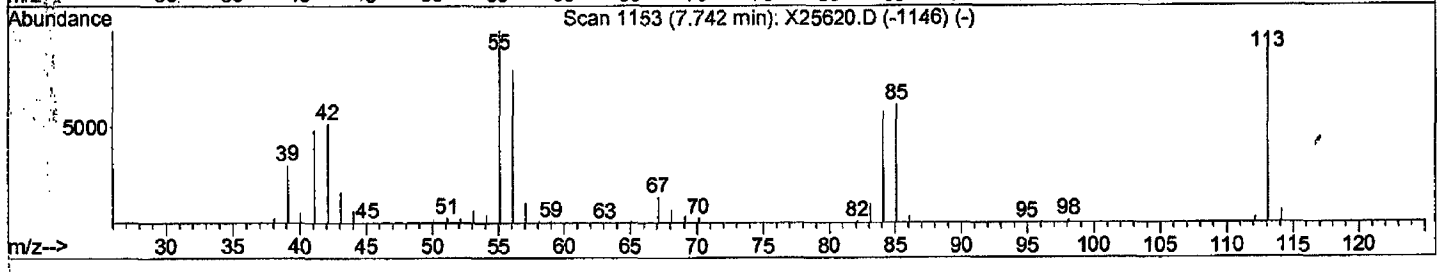
Data File : D:\DATA\081308\X25692.D
Acq On : 13 Aug 2008 16:31
Sample : SSTD050
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:31:31 2008

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration







TIC: X25692.D

(5) E655 Caprolactam

7.92min (+0.144) 45.44ng

response 151171

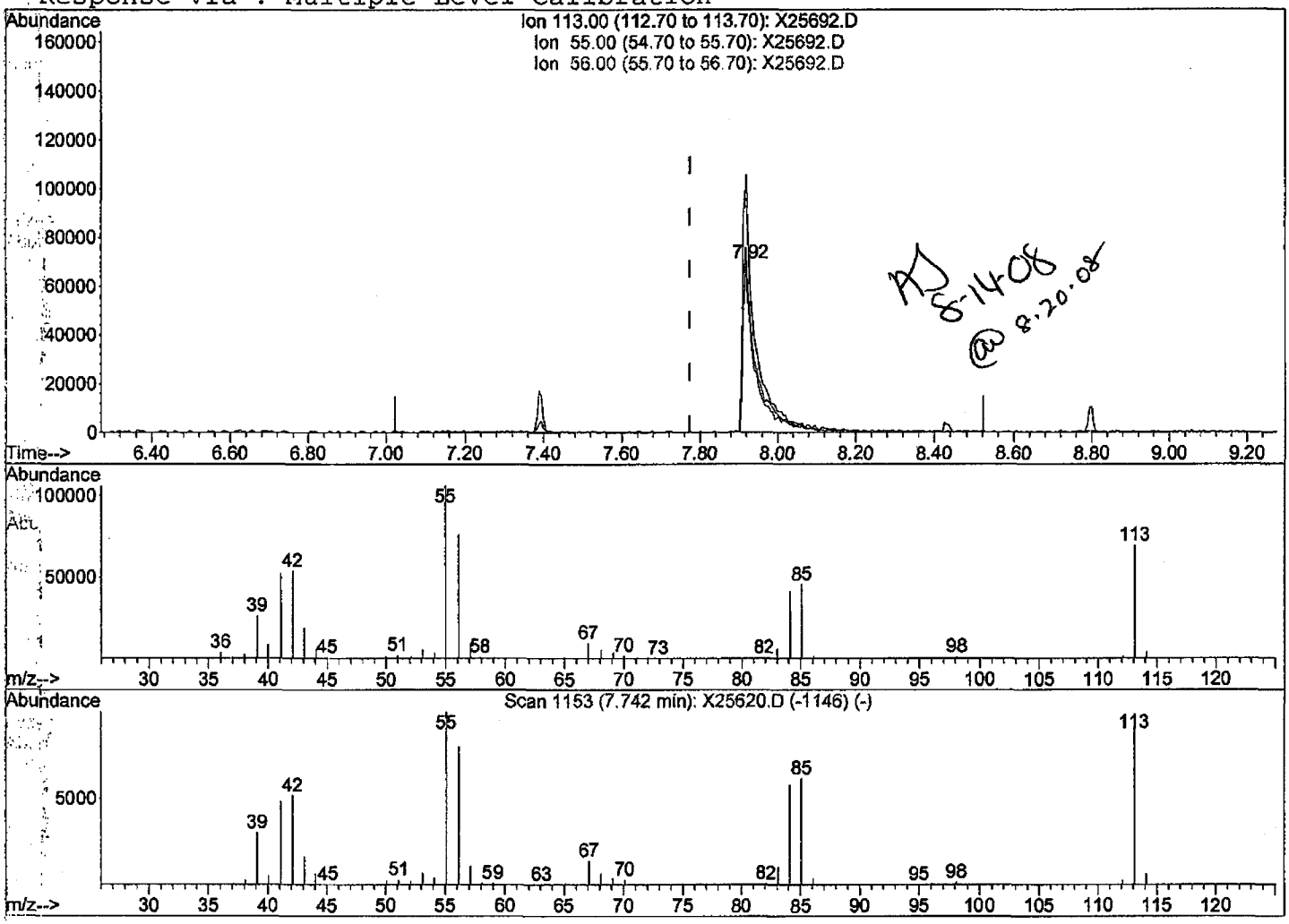
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	151.32#
56.00	94.00	109.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\081308\X25692.D
Acq On : 13 Aug 2008 16:31
Sample : SSTD050
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:31:31 2008

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration



TIC: X25692.D

(5) E655 Caprolactam

7.92min (+0.144) 46.86ng m

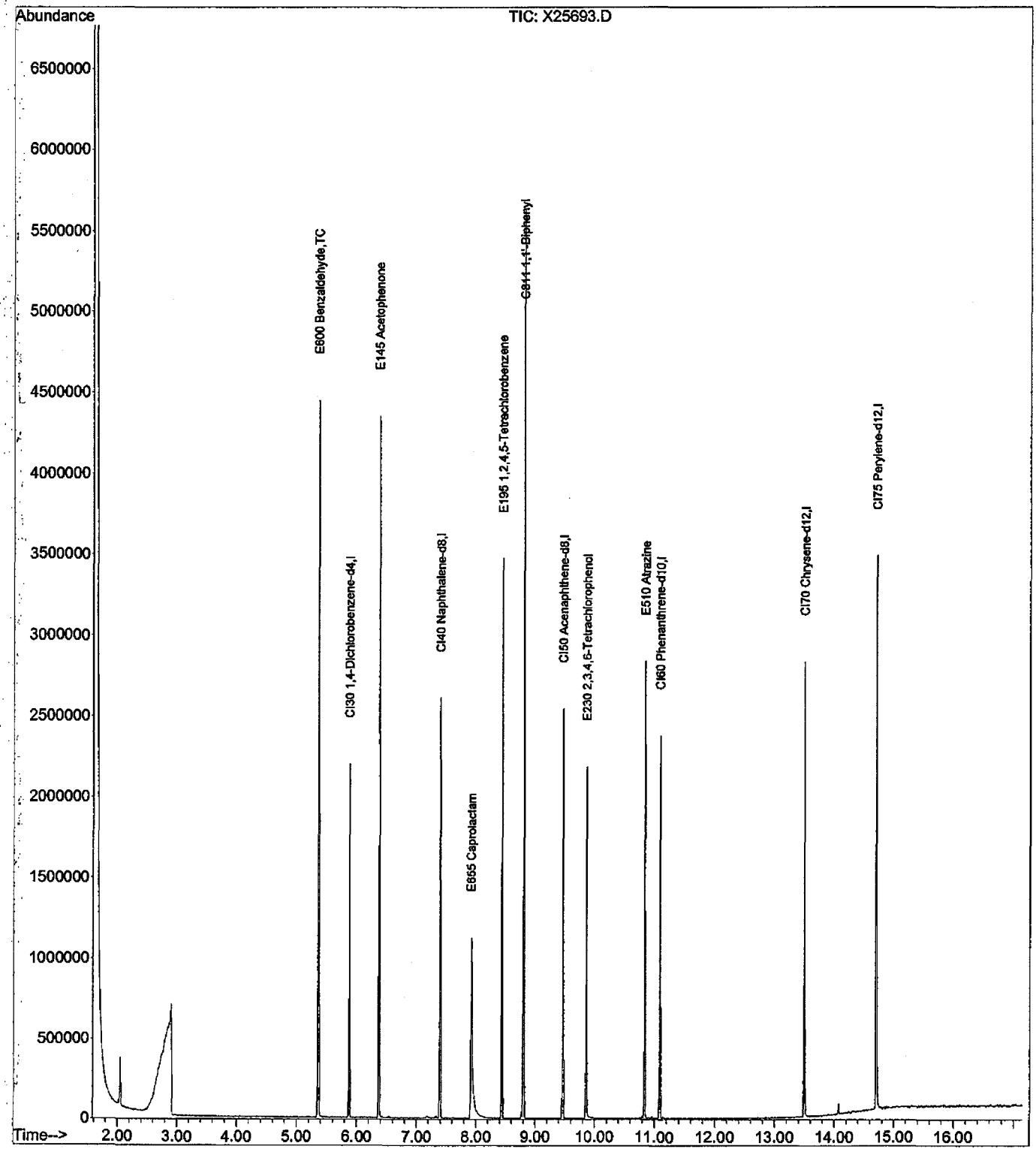
response 156452

Ion	Exp%	Act%
113.00	100	100
55.00	90.90	152.21#
56.00	94.00	109.27
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25693.D Vial: 12
Acq On : 13 Aug 2008 16:53 Operator: AJ
Sample : SSTD080 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 14 13:32:10 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25693.D Vial: 12
Acq On : 13 Aug 2008 16:53 Operator: AJ
Sample : SSTD080 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 14 13:32:10 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	333436	40.00	ng		0.18
							134.26%
4) CI40 Naphthalene-d8	7.39	136	1202951	40.00	ng		0.17
							135.07%
7) CI50 Acenaphthene-d8	9.46	164	521753	40.00	ng		0.17
							122.73%
10) CI60 Phenanthrene-d10	11.09	188	759486	40.00	ng		0.15
							122.47%
12) CI70 Chrysene-d12	13.49	240	803580	40.00	ng		0.14
							126.39%
13) CI75 Perylene-d12	14.70	264	1139186	40.00	ng		0.17
							148.35%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	899614	69.17	ng		93
3) E145 Acetophenone	6.37	105	1311330	79.37	ng		97
5) E655 Caprolactam	7.92	113	255035m	77.38	ng	#	92
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	578998	58.04	ng		97
8) C811 1,1'-Biphenyl	8.80	154	1770115	76.41	ng		95
9) E230 2,3,4,6-Tetrachloroph	9.86	232	233563	57.93	ng	#	100
11) E510 Atrazine	10.84	200	276032	63.48	ng		90

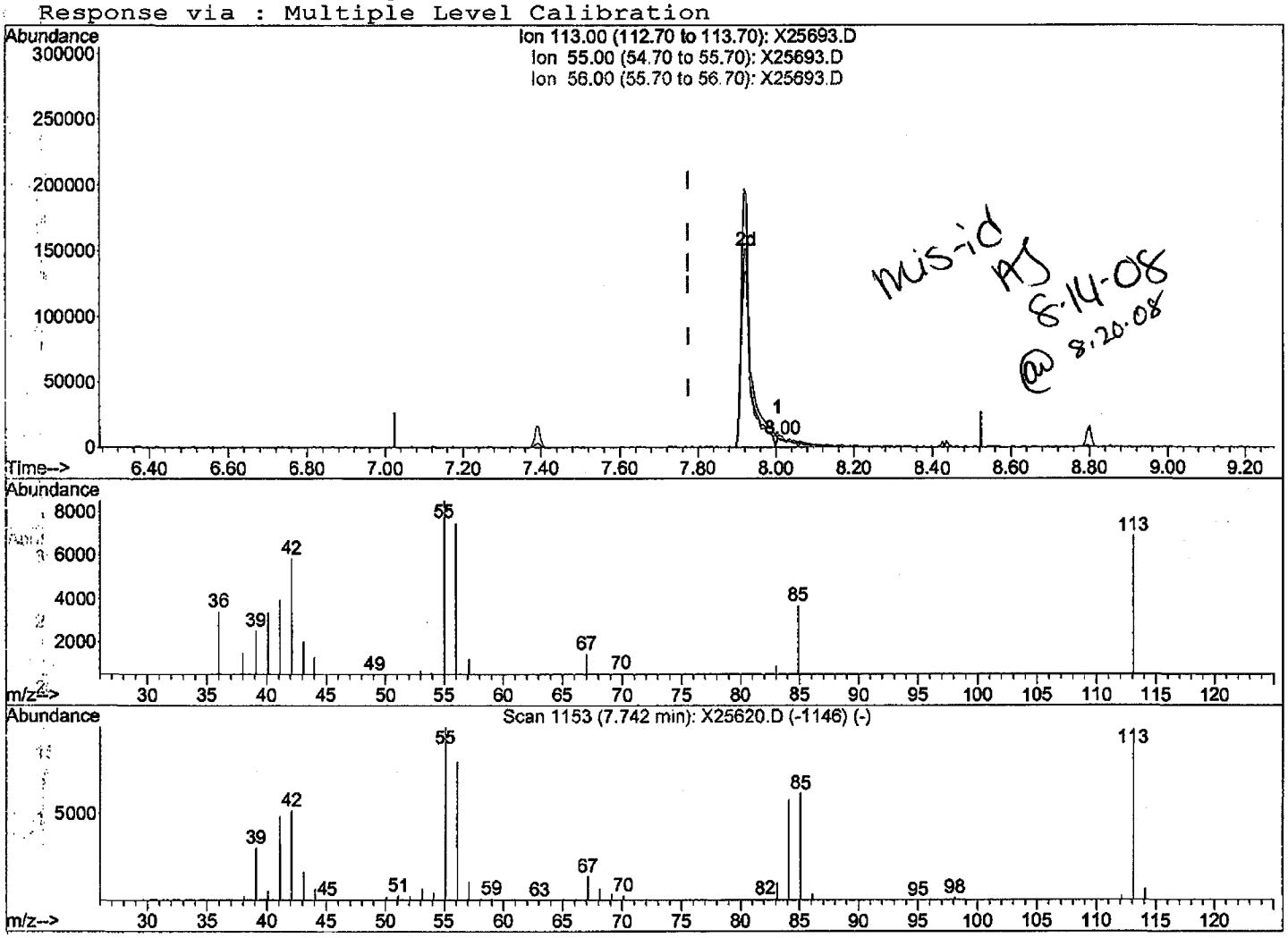
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\081308\X25693.D
Acq On : 13 Aug 2008 16:53
Sample : SSTD080
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:32:00 2008

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration



TIC: X25693.D

(5) E655 Caprolactam

8.00min (+0.230) 9.95ng

response 18516

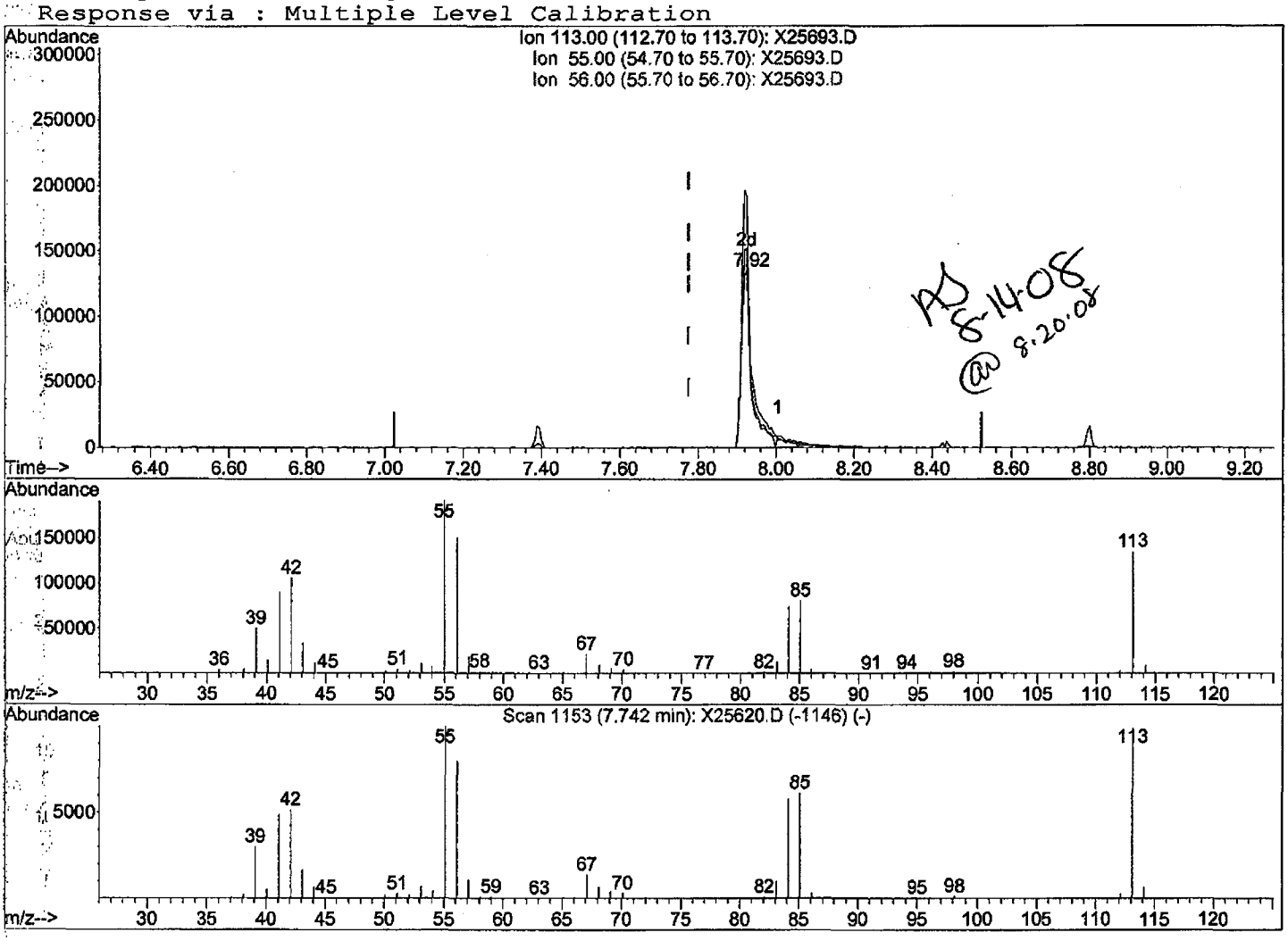
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	89.27
56.00	94.00	80.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\081308\X25693.D
Acq On : 13 Aug 2008 16:53
Sample : SSTD080
Misc : TCLADDS (8-08-08)
MS Integration Params: rteint.p
Quant Time: Aug 14 13:32:00 2008

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Multiple Level Calibration



TIC: X25693.D

(5) E655 Caprolactam

7.92min (+0.150) 77.38ng m

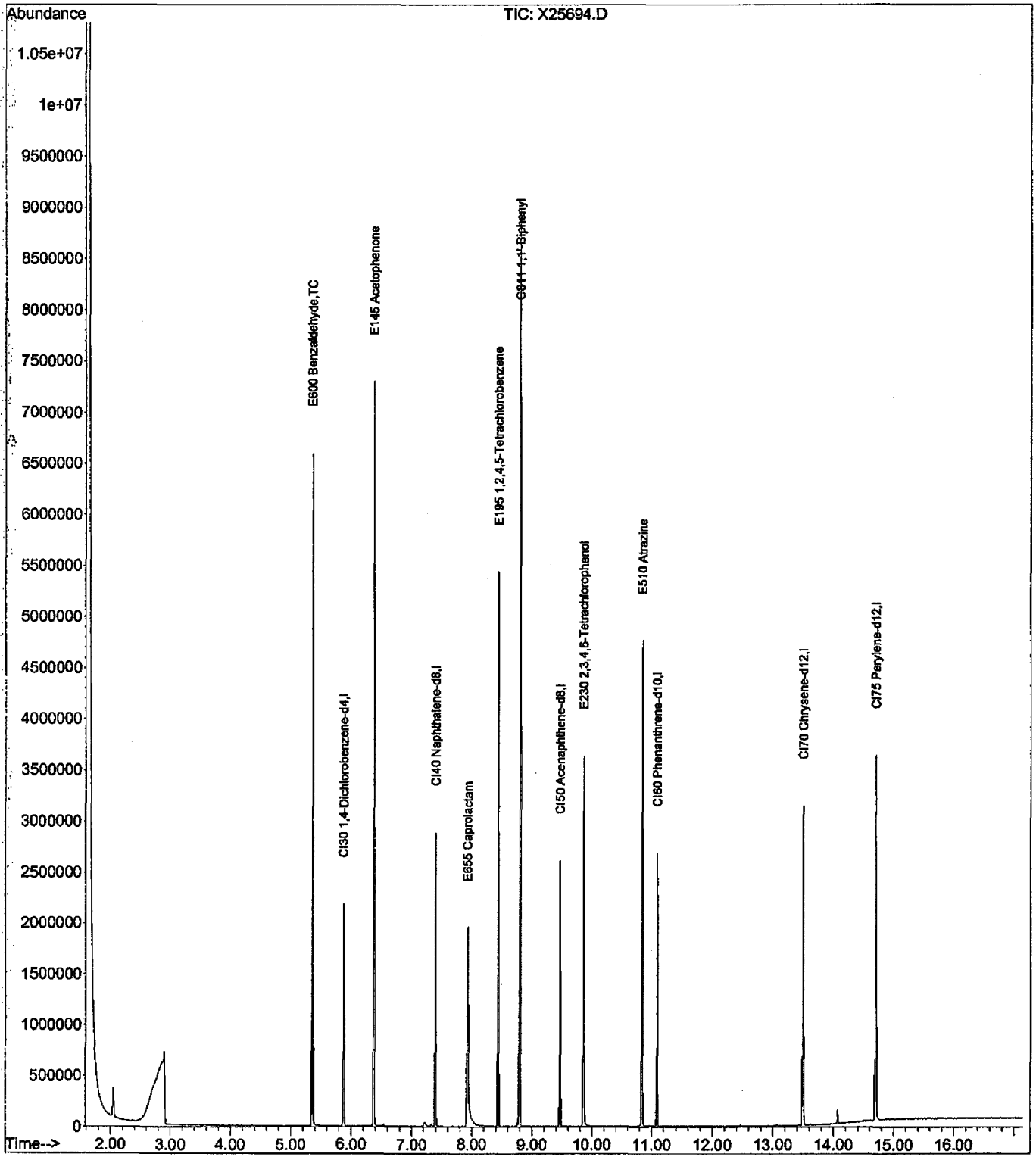
response 255035

Ion	Exp%	Act%
113.00	100	100
55.00	90.90	142.12#
56.00	94.00	112.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25694.D Vial: 13
Acq On : 13 Aug 2008 17:17 Operator: AJ
Sample : SSTD120 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 14 13:32:25 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25694.D Vial: 13
Acq On : 13 Aug 2008 17:17 Operator: AJ
Sample : SSTD120 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 14 13:32:25 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

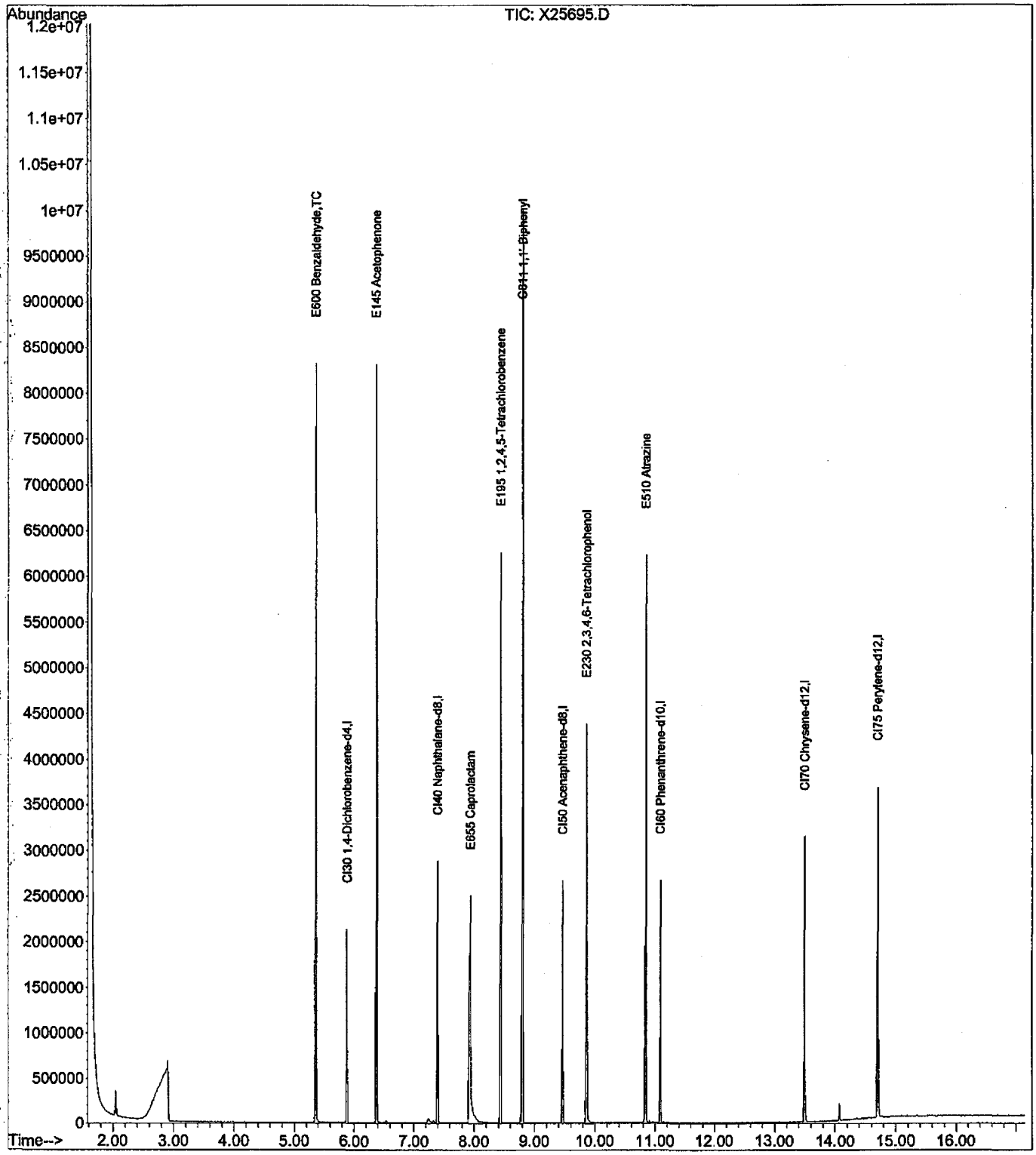
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	345139	40.00	ng		0.18 138.97%
4) CI40 Naphthalene-d8	7.39	136	1260735	40.00	ng		0.17 141.56%
7) CI50 Acenaphthene-d8	9.46	164	565258	40.00	ng		0.17 132.96%
10) CI60 Phenanthrene-d10	11.09	188	858785	40.00	ng		0.15 138.49%
12) CI70 Chrysene-d12	13.49	240	894090	40.00	ng		0.14 140.62%
13) CI75 Perylene-d12	14.70	264	1203123	40.00	ng		0.17 156.67%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	1424242	105.80	ng		93
3) E145 Acetophenone	6.37	105	2077273	121.47	ng		98
5) E655 Caprolactam	7.93	113	421441	119.32	ng	#	65
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	912949	87.32	ng		98
8) C811 1,1'-Biphenyl	8.80	154	2842860	113.27	ng		97
9) E230 2,3,4,6-Tetrachloroph	9.86	232	390185	89.33	ng	#	100
11) E510 Atrazine	10.85	200	487393	99.12	ng		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25695.D Vial: 14
Acq On : 13 Aug 2008 17:39 Operator: AJ
Sample : SSTD160 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 14 13:32:47 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081308\X25695.D Vial: 14
Acq On : 13 Aug 2008 17:39 Operator: AJ
Sample : SSTD160 Inst : HP5973X
Misc : TCLADDS (8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 14 13:32:47 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Aug 07 10:26:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	343263	40.00	ng	0.18 138.22%
4) CI40 Naphthalene-d8	7.39	136	1237251	40.00	ng	0.17 138.93%
7) CI50 Acenaphthene-d8	9.46	164	562519	40.00	ng	0.17 132.31%
10) CI60 Phenanthrene-d10	11.09	188	859668	40.00	ng	0.15 138.63%
12) CI70 Chrysene-d12	13.49	240	882181	40.00	ng	0.14 138.75%
13) CI75 Perylene-d12	14.70	264	1208379	40.00	ng	0.17 157.36%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.36	77	1815270	135.59	ng	93
3) E145 Acetophenone	6.38	105	2634281	154.88	ng	97
5) E655 Caprolactam	7.94	113	567611	162.01	ng	# 67
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	1134506	110.56	ng	98
8) C811 1,1'-Biphenyl	8.81	154	3551202	142.18	ng	98
9) E230 2,3,4,6-Tetrachloroph	9.86	232	501118	115.29	ng	# 100
11) E510 Atrazine	10.85	200	638079	129.63	ng	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000619-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973X Calibration Dates(s): 08/16/2008 08/16/2008

Calibration Times: 10:54 12:48

Lab File ID: RRF5 = X25754.RR RRF20 = X25755.RR RRF50 = X25756.RR
RRF80 = X25757.RR RRF120 = X25758.RR RRF160 = X25759.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	*	2.179	2.091	2.133	2.032	1.827	1.980	2.0400	6.200*
Bis(2-chloroethyl) ether		1.576	1.488	1.508	1.478	1.372	1.517	1.4900	4.500
2-Chlorophenol		1.613	1.560	1.565	1.540	1.398	1.545	1.5370	4.700
2-Methylphenol		1.402	1.305	1.359	1.299	1.185	1.323	1.3120	5.600
2,2'-Oxybis(1-Chloropropane		2.649	2.535	2.601	2.571	2.350	2.642	2.5580	4.300
4-Methylphenol		1.412	1.346	1.448	1.351	1.251	1.356	1.3610	5.000
N-Nitroso-Di-n-propylamine	#	0.965	0.987	1.112	1.053	0.979	1.011	1.0180	5.400#
Hexachloroethane		0.634	0.624	0.652	0.639	0.572	0.641	0.6270	4.500
Nitrobenzene		0.435	0.452	0.448	0.442	0.412	0.464	0.4420	4.000
Isophorone		0.683	0.735	0.816	0.768	0.719	0.801	0.7540	6.700
2-Nitrophenol	*	0.178	0.195	0.212	0.208	0.194	0.216	0.2000	7.000*
2,4-Dimethylphenol		0.388	0.401	0.410	0.397	0.366	0.404	0.3940	3.900
Bis(2-chloroethoxy) methane		0.490	0.452	0.466	0.452	0.419	0.469	0.4580	5.200
2,4-Dichlorophenol	*	0.328	0.311	0.311	0.297	0.277	0.304	0.3050	5.500*
Naphthalene		1.161	1.165	1.118	1.099	1.006	1.132	1.1130	5.200
4-Chloroaniline		0.454	0.474	0.477	0.455	0.418	0.459	0.4560	4.600
Hexachlorobutadiene	*	0.177	0.167	0.155	0.160	0.144	0.160	0.1610	7.000*
4-Chloro-3-methylphenol	*	0.297	0.324	0.361	0.334	0.312	0.336	0.3270	6.600*
2-Methylnaphthalene		0.715	0.713	0.727	0.695	0.636	0.700	0.6980	4.600
Hexachlorocyclopentadiene	#	0.285	0.318	0.348	0.357	0.342	0.403	0.3420	11.500#
2,4,6-Trichlorophenol	*	0.350	0.362	0.361	0.368	0.336	0.393	0.3620	5.300*
2,4,5-Trichlorophenol		0.355	0.386	0.391	0.389	0.361	0.412	0.3820	5.600
2-Chloronaphthalene		1.357	1.301	1.243	1.261	1.169	1.335	1.2780	5.300
2-Nitroaniline		0.443	0.473	0.509	0.503	0.470	0.515	0.4860	5.800
Dimethyl phthalate		1.371	1.421	1.411	1.409	1.319	1.478	1.4010	3.800
Acenaphthylene		2.042	2.060	2.049	2.041	1.910	2.160	2.0440	3.900
2,6-Dinitrotoluene		0.251	0.318	0.337	0.331	0.313	0.349	0.3160	11.000
3-Nitroaniline		0.281	0.345	0.375	0.370	0.352	0.396	0.3530	11.300
Acenaphthene	*	1.290	1.235	1.206	1.214	1.119	1.281	1.2240	5.100*
2,4-Dinitrophenol	#	0.088	0.126	0.173	0.174	0.178	0.200	0.1560	26.400#
4-Nitrophenol	#	0.164	0.213	0.231	0.226	0.221	0.243	0.2160	12.800#
Dibenzofuran		1.830	1.746	1.710	1.699	1.579	1.784	1.7250	5.000
2,4-Dinitrotoluene		0.390	0.418	0.445	0.448	0.416	0.456	0.4290	5.800
Diethyl phthalate		1.322	1.409	1.408	1.394	1.291	1.419	1.3740	3.900
4-Chlorophenyl phenyl ether		0.642	0.604	0.574	0.580	0.528	0.574	0.5830	6.500
Fluorene		1.410	1.419	1.406	1.412	1.286	1.419	1.3920	3.700
4-Nitroaniline		0.302	0.363	0.394	0.382	0.361	0.397	0.3660	9.600

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000619-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Intrument ID: HP5973X Calibration Dates(s): 08/16/2008 08/16/2008

Calibration Times: 10:54 12:48

Lab File ID: RRF5 = X25754.RR RRF20 = X25755.RR RRF50 = X25756.RR
RRF80 = X25757.RR RRF120 = X25758.RR RRF160 = X25759.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol		0.085	0.107	0.134	0.132	0.123	0.141	0.1200	17.400
N-nitrosodiphenylamine	*	0.610	0.615	0.609	0.599	0.545	0.607	0.5980	4.400*
4-Bromophenyl phenyl ether		0.195	0.203	0.205	0.197	0.181	0.199	0.1970	4.300
Hexachlorobenzene		0.239	0.224	0.216	0.214	0.194	0.212	0.2160	6.800
Pentachlorophenol	*	0.102	0.119	0.136	0.141	0.129	0.147	0.1290	12.800*
Phenanthrene		1.222	1.156	1.121	1.095	0.985	1.070	1.1080	7.200
Anthracene		1.175	1.169	1.136	1.135	1.008	1.115	1.1230	5.400
Di-n-butyl phthalate		1.257	1.412	1.432	1.452	1.286	1.401	1.3730	5.900
Fluoranthene	*	1.223	1.233	1.219	1.200	1.067	1.196	1.1900	5.200*
Pyrene		1.223	1.218	1.292	1.246	1.115	1.280	1.2290	5.200
Butyl benzyl phthalate		0.601	0.655	0.700	0.687	0.618	0.711	0.6620	6.800
3,3'-Dichlorobenzidine		0.447	0.482	0.522	0.523	0.479	0.553	0.5010	7.700
Benzo(a)anthracene		1.274	1.220	1.258	1.226	1.138	1.304	1.2370	4.600
Chrysene		1.414	1.208	1.189	1.156	1.093	1.288	1.2250	9.200
Bis(2-ethylhexyl) phthalate		0.888	0.936	0.986	0.983	0.864	0.991	0.9410	5.800
Di-n-octyl phthalate	*	1.384	1.609	1.912	1.876	1.760	2.087	1.7710	14.000*
Benzo(b)fluoranthene		1.309	1.283	1.319	1.287	1.199	1.540	1.3230	8.600
Benzo(k)fluoranthene		1.391	1.360	1.296	1.140	0.993	0.818	1.1660	19.400
Benzo(a)pyrene	*	1.239	1.266	1.262	1.217	1.076	1.190	1.2080	5.800*
Indeno(1,2,3-cd)pyrene		1.966	1.876	1.691	1.689	1.497	1.656	1.7290	9.700
Dibenzo(a,h)anthracene		1.750	1.626	1.429	1.403	1.219	1.341	1.4610	13.300
Benzo(ghi)perylene		1.724	1.637	1.561	1.527	1.369	1.495	1.5520	7.800
Carbazole		1.207	1.206	1.187	1.192	1.073	1.199	1.1770	4.400
Nitrobenzene-D5		0.398	0.409	0.428	0.419	0.394	0.449	0.4160	4.900
2-Fluorobiphenyl		1.529	1.465	1.402	1.430	1.331	1.543	1.4500	5.500
p-Terphenyl-d14		0.845	0.873	0.887	0.868	0.777	0.871	0.8540	4.600
Phenol-D5		1.851	1.836	1.953	1.892	1.735	1.925	1.8650	4.100
2-Fluorophenol		1.581	1.570	1.567	1.530	1.387	1.540	1.5290	4.700
2,4,6-Tribromophenol		0.086	0.098	0.106	0.103	0.097	0.109	0.1000	8.000

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0619.M
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:34:26 2008
Response Via : Initial Calibration

T-2410
I-619

Calibration Files
5 =X25754.D 20 =X25755.D 50 =X25756.D
80 =X25757.D 120 =X25758.D 160 =X25759.D

		Compound		5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	ISTD							
2)	T	C705	n-nitrosodidim	0.208	0.852	0.992	0.906	0.887	0.983	-----	
								L	M= 0.974 R=0.994		
									B= -0.091		
3)	S	CS50	2-Fluorophenol	1.581	1.570	1.567	1.530	1.387	1.540	1.529	4.72
4)	TC	C325	bis(2-Chloroet	1.576	1.488	1.508	1.478	1.372	1.517	1.490	4.49
5)	S	CS45	Phenol-d5	1.851	1.836	1.953	1.892	1.735	1.925	1.865	4.14
6)	S	CS70	2-chlorophenol	1.523	1.458	1.455	1.404	1.291	1.414	1.424	5.44
7)	MC	C315	Phenol	2.179	2.091	2.133	2.032	1.827	1.980	2.040	6.18
8)	MC	C330	2-Chlorophenol	1.613	1.560	1.565	1.539	1.398	1.545	1.537	4.73
9)	T	C320	aniline	2.426	2.277	2.191	2.199	1.965	2.162	2.203	6.84
10)	TC	C335	1,3-Dichlorobe	1.792	1.741	1.728	1.660	1.498	1.699	1.686	6.06
11)	MC	C340	1,4-Dichlorobe	1.817	1.765	1.725	1.663	1.505	1.690	1.694	6.34
12)	S	CS75	1,2-dichlorobe	0.954	0.901	0.915	0.875	0.786	0.881	0.886	6.35
13)	TC	C350	1,2-Dichlorobe	1.640	1.593	1.562	1.510	1.348	1.467	1.520	6.83
14)	T	C345	Benzyl alcohol	0.971	0.934	1.026	0.968	0.879	0.954	0.955	5.08
15)	T	C360	bis(2-chlorois	2.648	2.534	2.601	2.571	2.350	2.642	2.558	4.32
16)	TC	C355	2-Methylphenol	1.402	1.305	1.359	1.299	1.185	1.323	1.312	5.59
17)	TC	C375	Hexachloroetha	0.634	0.624	0.652	0.639	0.572	0.641	0.627	4.52
18)	MC	C370	N-Nitroso-di-n	0.965	0.987	1.112	1.053	0.979	1.011	1.018	5.46
19)	TC	C365	4-Methylphenol	1.412	1.346	1.448	1.351	1.251	1.356	1.361	4.95
20)	I	CI40	Naphthalene-d8	ISTD							
21)	S	CS20	Nitrobenzene-d	0.398	0.409	0.428	0.419	0.394	0.449	0.416	4.93
22)	TC	C410	Nitrobenzene	0.435	0.452	0.448	0.442	0.411	0.464	0.442	4.04
23)	TC	C415	Isophorone	0.683	0.735	0.816	0.768	0.719	0.801	0.754	6.75
24)	T	C430	benzoic acid	0.182	0.212	0.252	0.234	0.228	0.252	-----	
								L	M= 0.262 R=0.987		
									B= -0.191		
25)	TC	C420	2-Nitrophenol	0.178	0.195	0.212	0.208	0.194	0.216	0.200	7.05
26)	TC	C425	2,4-Dimethylph	0.388	0.401	0.410	0.397	0.366	0.404	0.394	3.93
27)	TC	C435	bis(2-Chloroet	0.490	0.452	0.466	0.452	0.419	0.469	0.458	5.20
28)	TC	C440	2,4-Dichloroph	0.328	0.311	0.311	0.297	0.277	0.304	0.305	5.53
29)	MC	C445	1,2,4-Trichlor	0.336	0.315	0.301	0.299	0.268	0.288	0.301	7.78
30)	TC	C450	Naphthalene	1.161	1.165	1.118	1.099	1.006	1.132	1.113	5.24
31)	T	C455	4-Chloroanilin	0.454	0.474	0.477	0.454	0.418	0.459	0.456	4.61
32)	T	C460	Hexachlorobuta	0.177	0.167	0.155	0.160	0.144	0.160	0.160	6.95
33)	MC	C465	4-Chloro-3-met	0.297	0.324	0.361	0.334	0.312	0.336	0.327	6.65
34)	TC	C470	2-Methylnaphth	0.715	0.713	0.727	0.695	0.636	0.700	0.698	4.63
35)	I	CI50	Acenaphthene-d10	ISTD							
36)	T	C510	Hexachlorocycl	0.285	0.318	0.348	0.357	0.342	0.403	0.342	11.55
37)	TC	C515	2,4,6-Trichlor	0.350	0.362	0.361	0.368	0.336	0.393	0.362	5.29
38)	TC	C520	2,4,5-Trichlor	0.355	0.386	0.391	0.389	0.361	0.412	0.382	5.55
39)	S	CS25	2-Fluorobiphen	1.529	1.465	1.401	1.430	1.331	1.543	1.450	5.51
40)	TC	C525	2-Chloronaphth	1.357	1.301	1.243	1.261	1.169	1.335	1.278	5.35
41)	T	C530	2-Nitroaniline	0.443	0.473	0.509	0.503	0.470	0.515	0.486	5.79
42)	MC	C540	Acenaphthylene	2.042	2.060	2.049	2.041	1.910	2.160	2.044	3.90
43)	T	C535	Dimethylphthal	1.370	1.421	1.411	1.409	1.318	1.478	1.401	3.81
44)	TC	C542	2,6-Dinitrotol	0.251	0.318	0.337	0.331	0.313	0.349	0.316	10.99
45)	TC	C550	Acenaphthene	1.290	1.235	1.206	1.214	1.119	1.281	1.224	5.06
46)	T	C545	3-Nitroaniline	0.281	0.345	0.375	0.370	0.352	0.396	0.353	11.30
47)	T	C555	2,4-Dinitrophe	0.088	0.126	0.173	0.173	0.178	0.200	-----	
								L	M= 0.205 R=0.990		
									B= -0.053		
48)	TC	C565	Dibenzofuran	1.830	1.746	1.710	1.699	1.579	1.784	1.725	5.00

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0619.M
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:34:26 2008
Response Via : Initial Calibration

Calibration Files
5 =X25754.D 20 =X25755.D 50 =X25756.D
80 =X25757.D 120 =X25758.D 160 =X25759.D

49)	MC	C570	2,4-Dinitrotol	0.390	0.418	0.445	0.448	0.416	0.456	0.429	5.83
50)	M	C560	4-Nitrophenol	0.164	0.213	0.231	0.226	0.221	0.243	0.216	12.78
51)	TC	C590	Fluorene	1.410	1.419	1.406	1.412	1.286	1.419	1.392	3.75
52)	TC	C585	4-Chlorophenyl	0.642	0.604	0.574	0.579	0.528	0.574	0.583	6.46
53)	T	C580	Diethylphthala	1.322	1.409	1.408	1.394	1.290	1.419	1.374	3.91
54)	T	C620	1,2-diphenylhy	1.500	1.526	1.564	1.554	1.463	1.621	1.538	3.57
55)	T	C595	4-Nitroaniline	0.302	0.363	0.394	0.382	0.361	0.397	0.366	9.55
56)	I	CI60	Phenanthrene-d10	----------ISTD----------							
57)	T	C610	4,6-Dinitro-2-	0.085	0.107	0.134	0.131	0.123	0.141	-----	
									L	M= 0.141 R=0.988	
										B= -0.024	
58)	T	C615	n-Nitrosodiphe	0.610	0.615	0.609	0.599	0.545	0.607	0.598	4.43
59)	S	CS55	2,4,6-Tribromo	0.086	0.098	0.106	0.103	0.096	0.109	0.100	8.07
60)	TC	C625	4-Bromophenyl-	0.195	0.203	0.205	0.197	0.181	0.199	0.197	4.29
61)	TC	C630	Hexachlorobenz	0.239	0.224	0.216	0.214	0.194	0.212	0.216	6.82
62)	MC	C635	Pentachlorophe	0.102	0.119	0.136	0.141	0.129	0.147	0.129	12.80
63)	TC	C640	Phenanthrene	1.222	1.156	1.121	1.095	0.985	1.070	1.108	7.25
64)	TC	C645	Anthracene	1.175	1.169	1.136	1.135	1.008	1.115	1.123	5.42
65)	T	C647	carbazole	1.207	1.205	1.187	1.192	1.073	1.199	1.177	4.38
66)	T	C650	Di-n-butylphth	1.257	1.412	1.432	1.452	1.286	1.401	1.373	5.92
67)	TC	C655	Fluoranthene	1.223	1.233	1.219	1.200	1.067	1.196	1.190	5.21
68)	I	CI70	Chrysene-d12	----------ISTD----------							
69)	MC	C715	Pyrene	1.223	1.218	1.291	1.246	1.115	1.280	1.229	5.15
70)	T	C710	benzidine	0.455	0.577	0.538	0.618	0.586	0.694	0.578	13.82
71)	S	CS30	Terphenyl-d14	0.845	0.873	0.887	0.868	0.777	0.871	0.854	4.64
72)	T	C720	Butylbenzylpht	0.601	0.655	0.700	0.687	0.618	0.711	0.662	6.80
73)	T	C725	3,3'-Dichlorob	0.447	0.482	0.522	0.523	0.479	0.553	0.501	7.69
74)	TC	C730	Benzo[a]anthra	1.274	1.220	1.258	1.226	1.138	1.304	1.237	4.66
75)	TC	C735	Chrysene	1.414	1.208	1.189	1.156	1.093	1.288	1.225	9.20
76)	T	C740	bis(2-Ethylhex	0.888	0.936	0.986	0.983	0.864	0.990	0.941	5.81
77)	T	C760	Di-n-octylphth	1.384	1.609	1.912	1.876	1.760	2.087	1.771	13.99
78)	I	CI75	Perylene-d12	----------ISTD----------							
79)	TC	C765	Benzo[b]fluora	1.309	1.283	1.319	1.287	1.199	1.540	1.323	8.65
80)	TC	C770	Benzo[k]fluora	1.391	1.360	1.296	1.140	0.993	0.818	-----	
									Q	A= -0.156 R=0.996	
										B= 1.454	
										C= -0.022	
81)	TC	C775	Benzo[a]pyrene	1.239	1.266	1.262	1.217	1.076	1.190	1.208	5.86
82)	TC	C780	Indeno[1,2,3-c	1.966	1.876	1.691	1.689	1.497	1.656	1.729	9.67
83)	TC	C785	Dibenz[a,h]ant	1.750	1.626	1.429	1.403	1.219	1.341	1.461	13.28
84)	TC	C790	Benzo[g,h,i]pe	1.724	1.637	1.561	1.527	1.369	1.495	1.552	7.85

Total Average %RSD 6.46

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0619.M Mon Aug 18 08:35:05 2008

Date: 09/19/2008 ICC Profile Page: 1
Time: 17:41:38 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310 131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320 208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330 606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340 99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350 83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360 51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370 100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380 132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390 121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400 84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410 7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420 86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430 100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440 534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450 86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460 101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470 118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480 87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490 85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500 120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510 84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520 206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530 129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540 85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550 91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560 56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570 218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580 117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590 117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600 205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610 207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620 50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630 193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640 53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650 191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660 4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670 321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690 SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700 367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710 118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720 SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730 SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740 SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750 1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770 198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780 SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781 87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782 634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783 87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785 95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRO EOITION: 5-160NG (continued)

Seq	Parameter		ng On Column					
			Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Oimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Oichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Oiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Oimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Oimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Oimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Oisulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	OOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Oimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Oimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	0,0,0-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seg		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

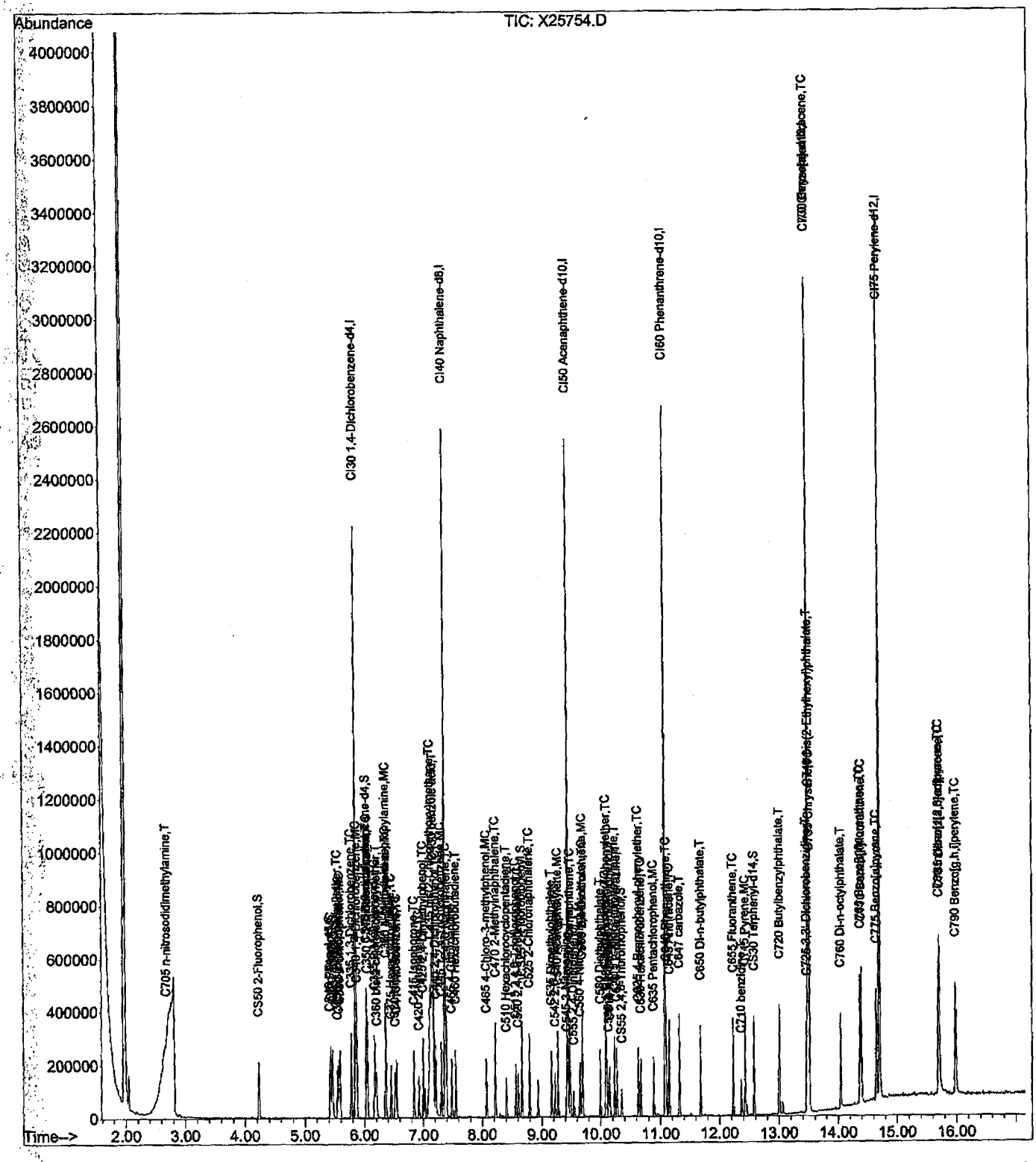
Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998 100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999 TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25754.D
Acq On : 16 Aug 2008 10:54
Sample : SSTD005
Misc : 8270(06/24/08)
MS Integration Params: rteint.p

Vial: 8
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 18 08:24:58 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25754.D
Acq On : 16 Aug 2008 10:54
Sample : SSTD005
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:24:58 2008

Vial: 8
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	322729	40.00	ng	-0.06 95.17%
20) CI40 Naphthalene-d8	7.37	136	1109351	40.00	ng	-0.05 95.31%
35) CI50 Acenaphthene-d10	9.45	164	515245	40.00	ng	-0.05 96.80%
56) CI60 Phenanthrene-d10	11.08	188	841195	40.00	ng	-0.04 93.76%
68) CI70 Chrysene-d12	13.49	240	928360	40.00	ng	-0.04 84.34%
78) CI75 Perylene-d12	14.70	264	1092174	40.00	ng	-0.04 77.16%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.23	112	63773	5.20	ng	-0.09
Spiked Amount 150.000	Range 21 - 110		Recovery = 3.47%#			
5) CS45 Phenol-d5	5.42	99	74652	4.96	ng	-0.07
Spiked Amount 150.000	Range 10 - 110		Recovery = 3.31%#			
6) CS70 2-chlorophenol-d4	5.57	132	61449	5.41	ng	-0.07
Spiked Amount 150.000	Range 33 - 110		Recovery = 3.61%#			
12) CS75 1,2-dichlorobenzene-d	6.03	152	38502	5.54	ng	-0.06
Spiked Amount 100.000	Range 16 - 110		Recovery = 5.54%#			
21) CS20 Nitrobenzene-d5	6.52	82	55231	4.92	ng	-0.06
Spiked Amount 100.000	Range 34 - 114		Recovery = 4.92%#			
39) CS25 2-Fluorobiphenyl	8.67	172	98502	5.46	ng	-0.05
Spiked Amount 100.000	Range 43 - 116		Recovery = 5.46%#			
59) CS55 2,4,6-Tribromophenol	10.35	330	9084	5.31	ng	-0.05
Spiked Amount 150.000	Range 10 - 123		Recovery = 3.54%#			
71) CS30 Terphenyl-d14	12.58	244	98097	5.31	ng	-0.04
Spiked Amount 100.000	Range 33 - 141		Recovery = 5.31%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.68	74	8383	1.27	ng	# 13
4) C325 bis(2-Chloroethyl)eth	5.55	93	63561	5.54	ng	# 68
7) C315 Phenol	5.43	94	87890	5.84	ng	88
8) C330 2-Chlorophenol	5.59	128	65054	5.59	ng	86
9) C320 aniline	5.46	93	97869	5.79	ng	83
10) C335 1,3-Dichlorobenzene	5.78	146	72275	5.73	ng	96
11) C340 1,4-Dichlorobenzene	5.87	146	73310	5.76	ng	96
13) C350 1,2-Dichlorobenzene	6.05	146	66172	5.68	ng	97
14) C345 Benzyl alcohol	6.04	108	39173	5.47	ng	# 75
15) C360 bis(2-chloroisopropyl	6.20	45	106842	5.50	ng	98
16) C355 2-Methylphenol	6.17	108	56568	5.55	ng	89
17) C375 Hexachloroethane	6.45	117	25559	5.43	ng	88
18) C370 N-Nitroso-di-n-propyl	6.35	70	38934	5.24	ng	# 76
19) C365 4-Methylphenol	6.36	108	56949	5.56	ng	95
22) C410 Nitrobenzene	6.54	77	60300	5.30	ng	88
23) C415 Isophorone	6.84	82	94669	5.03	ng	93
24) C430 benzoic acid	7.18	122	504254	126.41	ng	# 68
25) C420 2-Nitrophenol	6.92	139	24656	4.76	ng	94
26) C425 2,4-Dimethylphenol	7.00	107	53786	5.43	ng	97
27) C435 bis(2-Chloroethoxy)me	7.11	93	67974	6.01	ng	95
28) C440 2,4-Dichlorophenol	7.21	162	45436	6.05	ng	89

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25754.D
Acq On : 16 Aug 2008 10:54
Sample : SSTD005
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:24:58 2008

Vial: 8
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.30	180	46653	5.99	ng		95
30) C450 Naphthalene	7.39	128	160948	5.61	ng		99
31) C455 4-Chloroaniline	7.49	127	63008	5.39	ng		91
32) C460 Hexachlorobutadiene	7.55	225	24595	6.19	ng		90
33) C465 4-Chloro-3-methylphen	8.07	107	41237	5.09	ng		92
34) C470 2-Methylnaphthalene	8.22	142	99155	5.71	ng		99
36) C510 Hexachlorocyclopentad	8.40	237	18337	4.26	ng		83
37) C515 2,4,6-Trichlorophenol	8.56	196	22527	5.51	ng		99
38) C520 2,4,5-Trichlorophenol	8.60	196	22836	5.16	ng		95
40) C525 2-Chloronaphthalene	8.79	162	87396	5.69	ng		94
41) C530 2-Nitroaniline	10.13	65	28507	4.56	ng		92
42) C540 Acenaphthylene	9.28	152	131527	5.31	ng		98
43) C535 Dimethylphthalate	9.16	163	88267	5.33	ng		97
44) C542 2,6-Dinitrotoluene	9.23	165	16140	4.14	ng		93
45) C550 Acenaphthene	9.48	153	83064	5.69	ng		99
46) C545 3-Nitroaniline	9.43	138	18068	3.87	ng		93
47) C555 2,4-Dinitrophenol	9.54	184	11317	13.50	ng	#	57
48) C565 Dibenzofuran	9.69	168	117852	5.74	ng		92
49) C570 2,4-Dinitrotoluene	9.70	165	25132	4.83	ng		74
50) C560 4-Nitrophenol	9.65	109	21099	9.36	ng	#	68
51) C590 Fluorene	10.08	166	90810	5.35	ng		98
52) C585 4-Chlorophenyl-phenyl	10.10	204	41333	6.09	ng		85
53) C580 Diethylphthalate	10.00	149	85146	5.34	ng		95
54) C620 1,2-diphenylhydrazine	10.27	77	96604	5.30	ng		86
55) C595 4-Nitroaniline	10.13	138	19452	3.95	ng		98
57) C610 4,6-Dinitro-2-methylp	10.15	198	17806	8.57	ng		100
58) C615 n-Nitrosodiphenylamin	10.23	169	64179	5.58	ng		93
60) C625 4-Bromophenyl-phenyle	10.63	248	20549	5.64	ng	#	76
61) C630 Hexachlorobenzene	10.67	284	25112	6.32	ng		85
62) C635 Pentachlorophenol	10.88	266	21415	11.16	ng		91
63) C640 Phenanthrene	11.10	178	128494	5.90	ng		99
64) C645 Anthracene	11.15	178	123562	5.49	ng		97
65) C647 carbazole	11.32	167	126872	5.17	ng		98
66) C650 Di-n-butylphthalate	11.68	149	132194	4.96	ng		98
67) C655 Fluoranthene	12.23	202	128641	5.10	ng		95
69) C715 Pyrene	12.43	202	141874	5.42	ng		94
70) C710 benzidine	12.37	184	52812	4.55	ng		98
72) C720 Butylbenzylphthalate	13.01	149	69792	4.98	ng		97
73) C725 3,3'-Dichlorobenzidin	13.47	252	51842	4.58	ng		98
74) C730 Benzo[a]anthracene	13.48	228	147850	5.36	ng		98
75) C735 Chrysene	13.51	228	164105	5.95	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.50	149	103075	5.20	ng		94
77) C760 Di-n-octylphthalate	14.04	149	160577	3.99	ng		99
79) C765 Benzo[b]fluoranthene	14.37	252	178732m	5.12	ng		99
80) C770 Benzo[k]fluoranthene	14.39	252	189933	5.79	ng		100
81) C775 Benzo[a]pyrene	14.65	252	169144	5.41	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.69	276	268385	6.64	ng		94
83) C785 Dibenz[a,h]anthracene	15.71	278	238955	7.09	ng		97
84) C790 Benzo[g,h,i]perylene	15.98	276	235401	6.33	ng		97

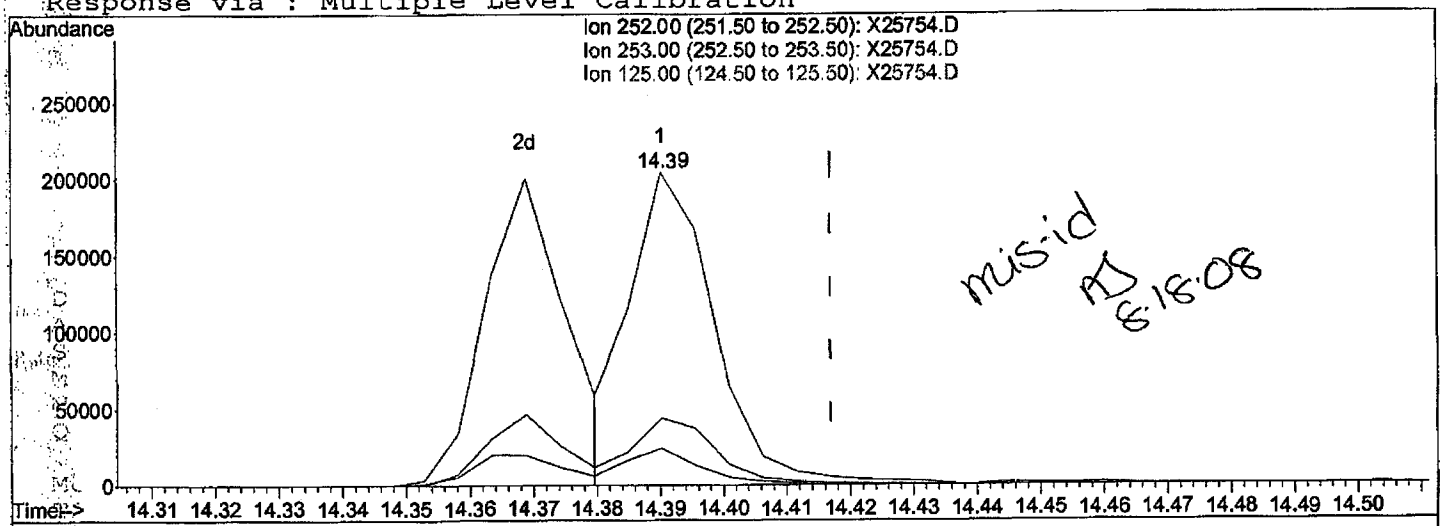
(#) = qualifier out of range (m) = manual integration (+) = signals summed

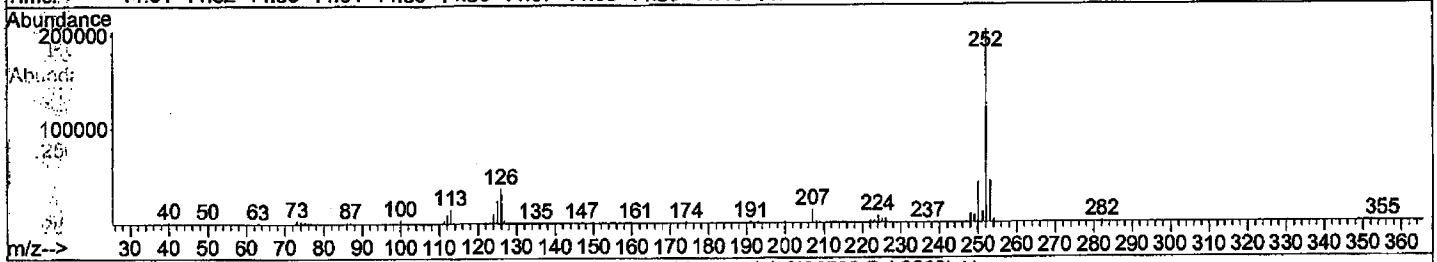
Quantitation Report (Qedit)

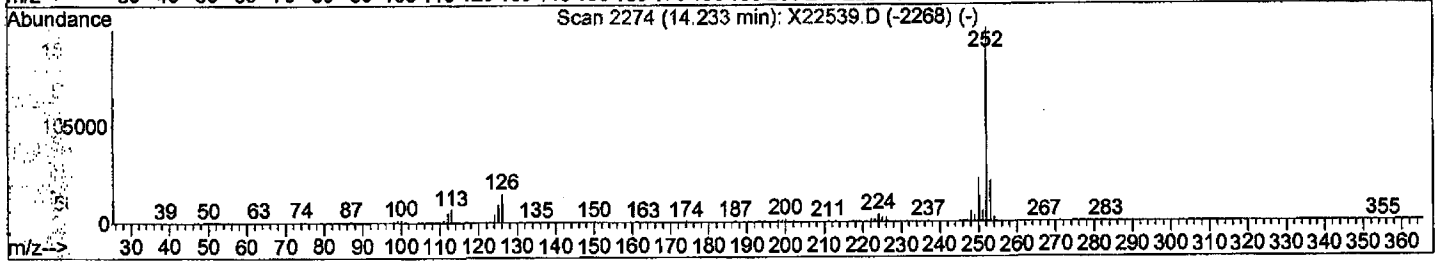
Data File : D:\DATA\081608\X25754.D
Acq On : 16 Aug 2008 10:54
Sample : SSTD005
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:05 2008

Vial: 8
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration







TIC: X25754.D

(79) C765 Benzo[b]fluoranthene (TC)

14.39min (-0.027) 5.44ng

response 189933

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.55
125.00	11.00	11.76
0.00	0.00	0.00

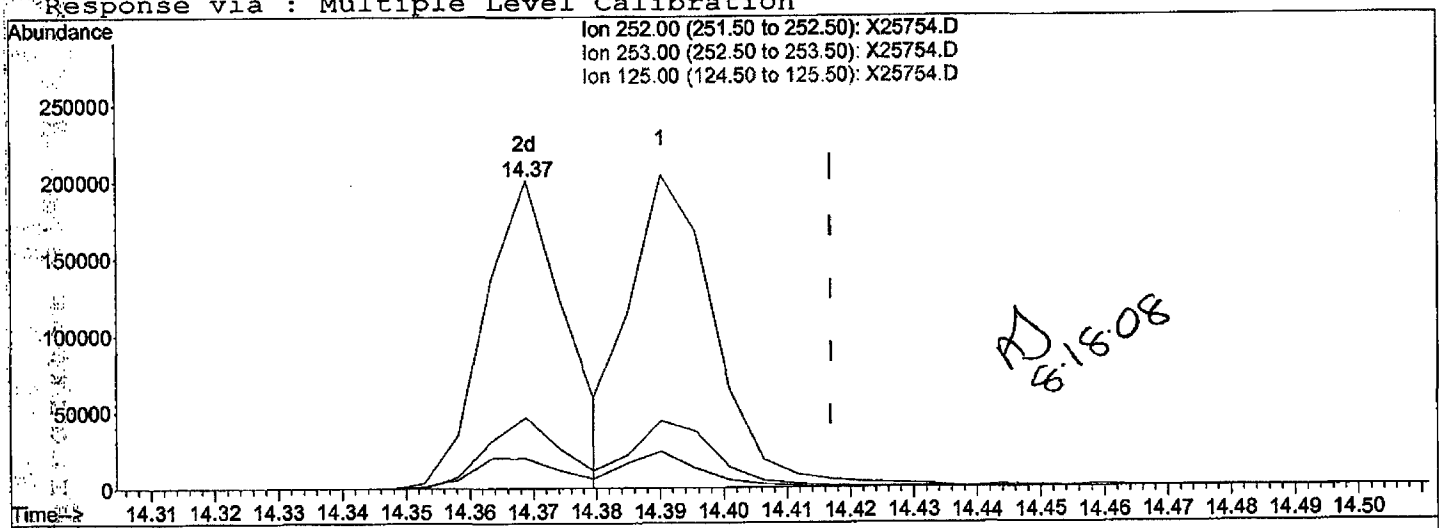
MP 8/18/08

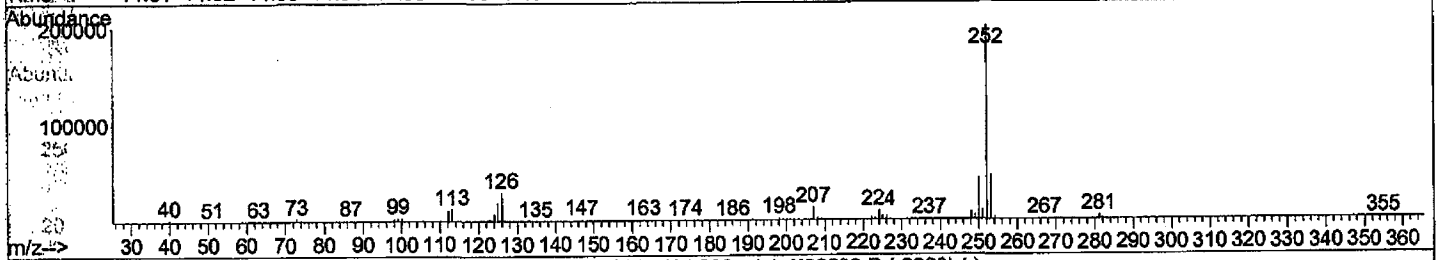
Quantitation Report (Qedit)

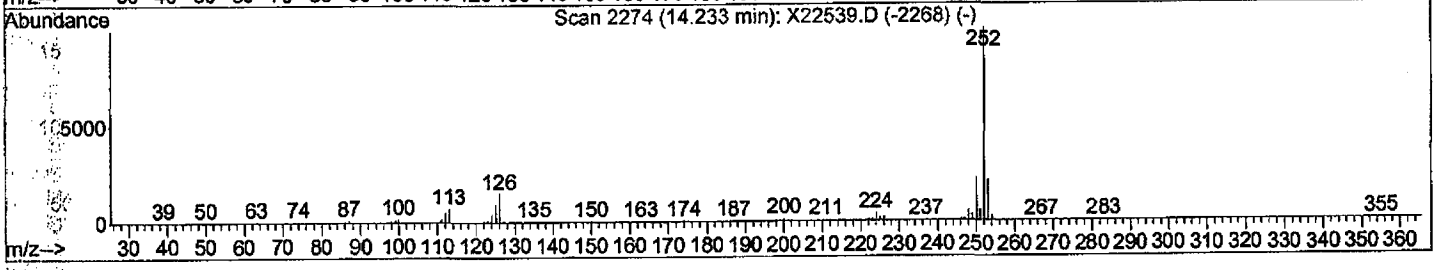
Data File : D:\DATA\081608\X25754.D
Acq On : 16 Aug 2008 10:54
Sample : SSTD005
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:05 2008

Vial: 8
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration







TIC: X25754.D

(79) C765 Benzo[b]fluoranthene (TC)

14.37min (-0.048) 5.12ng m

response 178732

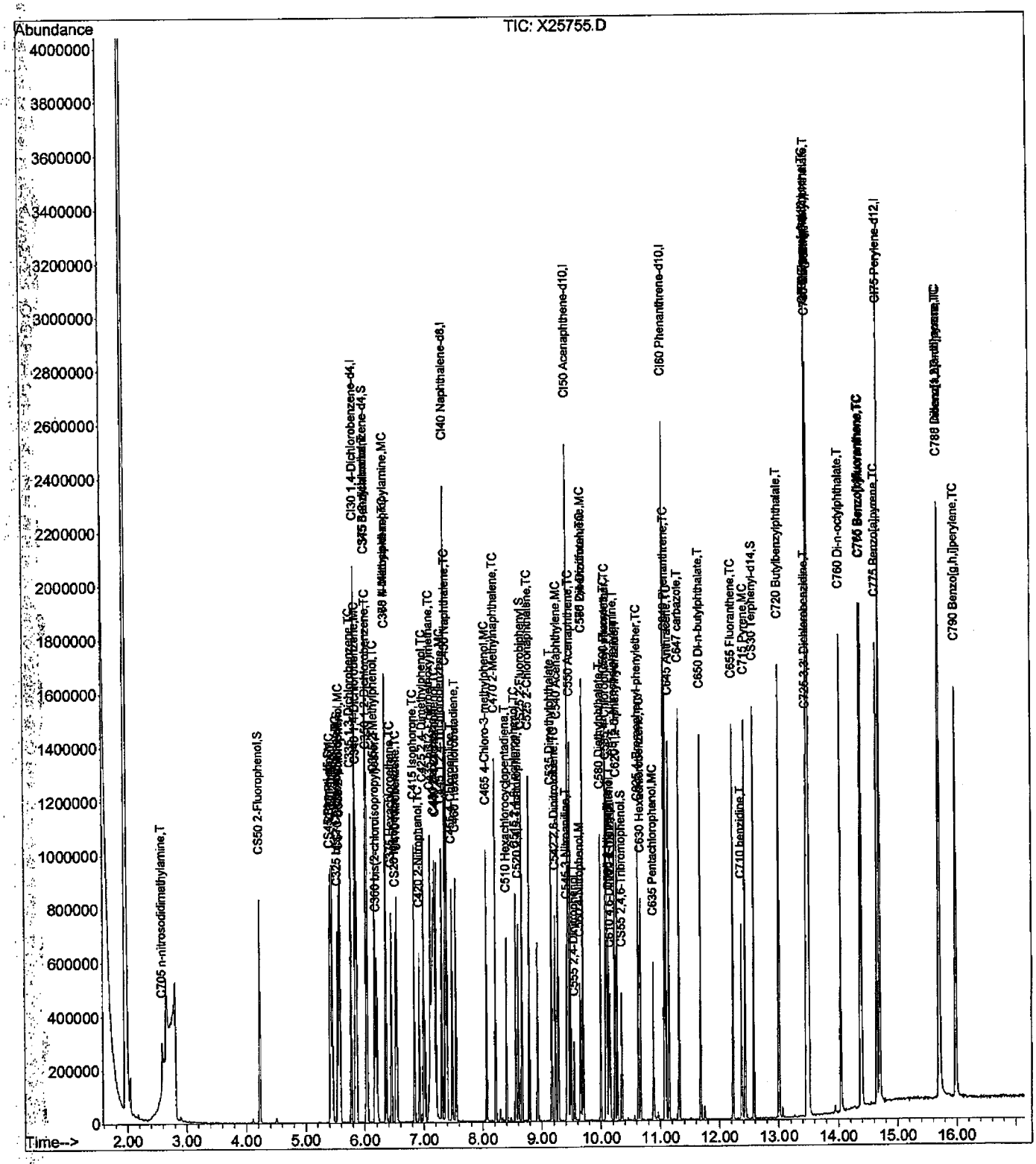
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	23.12
125.00	11.00	9.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25755.D
Acq On : 16 Aug 2008 11:17
Sample : SSTD020
Misc : 8270(06/24/08)
MS Integration Params: rteint.p

Vial: 9
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 18 08:25:56 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25755.D
Acq On : 16 Aug 2008 11:17
Sample : SSTD020
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:25:56 2008

Vial: 9
Operator: RM
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	313827	40.00	ng	-0.06 92.55%
20) CI40 Naphthalene-d8	7.37	136	1059493	40.00	ng	-0.05 91.02%
35) CI50 Acenaphthene-d10	9.45	164	520802	40.00	ng	-0.05 97.85%
56) CI60 Phenanthrene-d10	11.08	188	871389	40.00	ng	-0.04 97.13%
68) CI70 Chrysene-d12	13.49	240	904843	40.00	ng	-0.04 82.20%
78) CI75 Perylene-d12	14.70	264	1046427	40.00	ng	-0.04 73.93%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.23	112	246392	20.64	ng	-0.09
Spiked Amount 150.000	Range 21 - 110		Recovery = 13.76%#			
5) CS45 Phenol-d5	5.42	99	288114	19.69	ng	-0.07
Spiked Amount 150.000	Range 10 - 110		Recovery = 13.13%			
6) CS70 2-chlorophenol-d4	5.57	132	228703	20.72	ng	-0.07
Spiked Amount 150.000	Range 33 - 110		Recovery = 13.81%#			
12) CS75 1,2-dichlorobenzene-d	6.03	152	141456	20.93	ng	-0.07
Spiked Amount 100.000	Range 16 - 110		Recovery = 20.93%			
21) CS20 Nitrobenzene-d5	6.52	82	216756	20.20	ng	-0.07
Spiked Amount 100.000	Range 34 - 114		Recovery = 20.20%#			
39) CS25 2-Fluorobiphenyl	8.67	172	381389	20.90	ng	-0.05
Spiked Amount 100.000	Range 43 - 116		Recovery = 20.90%#			
59) CS55 2,4,6-Tribromophenol	10.35	330	42786	24.17	ng	-0.05
Spiked Amount 150.000	Range 10 - 123		Recovery = 16.11%			
71) CS30 Terphenyl-d14	12.58	244	395044	21.94	ng	-0.04
Spiked Amount 100.000	Range 33 - 141		Recovery = 21.94%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.58	74	133640	20.75	ng	87
4) C325 bis(2-Chloroethyl)eth	5.55	93	233519	20.92	ng	# 72
7) C315 Phenol	5.43	94	328086	22.42	ng	83
8) C330 2-Chlorophenol	5.59	128	244736	21.63	ng	92
9) C320 aniline	5.45	93	357291	21.75	ng	85
10) C335 1,3-Dichlorobenzene	5.78	146	273194	22.27	ng	100
11) C340 1,4-Dichlorobenzene	5.87	146	276912	22.37	ng	94
13) C350 1,2-Dichlorobenzene	6.05	146	249952	22.07	ng	98
14) C345 Benzyl alcohol	6.03	108	146601	21.06	ng	88
15) C360 bis(2-chloroisopropyl	6.19	45	397697	21.04	ng	99
16) C355 2-Methylphenol	6.17	108	204727	20.66	ng	93
17) C375 Hexachloroethane	6.45	117	97844	21.39	ng	97
18) C370 N-Nitroso-di-n-propyl	6.35	70	154830	21.44	ng	# 74
19) C365 4-Methylphenol	6.36	108	211228	21.21	ng	95
22) C410 Nitrobenzene	6.54	77	239571	22.07	ng	90
23) C415 Isophorone	6.84	82	389515	21.67	ng	87
24) C430 benzoic acid	7.18	122	673512	161.01	ng	# 68
25) C420 2-Nitrophenol	6.92	139	103164	20.85	ng	89
26) C425 2,4-Dimethylphenol	7.00	107	212327	22.44	ng	98
27) C435 bis(2-Chloroethoxy)me	7.11	93	239454	22.19	ng	97
28) C440 2,4-Dichlorophenol	7.21	162	164919	23.01	ng	97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25755.D
Acq On : 16 Aug 2008 11:17
Sample : SSTD020
Misc : 8270(06/24/08)
Vial: 9
Operator: RM
Inst : HP5973X
Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 18 08:25:56 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.30	180	166887	22.44	ng		87
30) C450 Naphthalene	7.39	128	617168	22.51	ng		98
31) C455 4-Chloroaniline	7.48	127	251003	22.48	ng		100
32) C460 Hexachlorobutadiene	7.55	225	88338	23.27	ng		96
33) C465 4-Chloro-3-methylphen	8.07	107	171472	22.16	ng		99
34) C470 2-Methylnaphthalene	8.22	142	377615	22.78	ng		98
36) C510 Hexachlorocyclopentad	8.40	237	82842	19.04	ng		90
37) C515 2,4,6-Trichlorophenol	8.56	196	94144	22.76	ng		96
38) C520 2,4,5-Trichlorophenol	8.60	196	100500	22.46	ng		99
40) C525 2-Chloronaphthalene	8.79	162	338657	21.82	ng		98
41) C530 2-Nitroaniline	10.13	65	123223	19.49	ng		92
42) C540 Acenaphthylene	9.28	152	536378	21.42	ng		98
43) C535 Dimethylphthalate	9.16	163	369931	22.11	ng		99
44) C542 2,6-Dinitrotoluene	9.23	165	82692	20.99	ng		94
45) C550 Acenaphthene	9.48	153	321550	21.78	ng		97
46) C545 3-Nitroaniline	9.43	138	89951	19.08	ng		97
47) C555 2,4-Dinitrophenol	9.54	184	32803	23.64	ng	#	61
48) C565 Dibenzofuran	9.69	168	454635	21.90	ng		87
49) C570 2,4-Dinitrotoluene	9.70	165	108919	20.69	ng		78
50) C560 4-Nitrophenol	9.64	109	55415	24.31	ng	#	54
51) C590 Fluorene	10.08	166	369562	21.54	ng		99
52) C585 4-Chlorophenyl-phenyl	10.10	204	157240	22.92	ng		84
53) C580 Diethylphthalate	10.00	149	366852	22.76	ng		99
54) C620 1,2-diphenylhydrazine	10.27	77	397391	21.58	ng		85
55) C595 4-Nitroaniline	10.13	138	94401	18.95	ng		94
57) C610 4,6-Dinitro-2-methylp	10.15	198	46663	21.67	ng		100
58) C615 n-Nitrosodiphenylamin	10.23	169	268100	22.49	ng		96
60) C625 4-Bromophenyl-phenyle	10.63	248	88338	23.41	ng	#	81
61) C630 Hexachlorobenzene	10.67	284	97554	23.72	ng		90
62) C635 Pentachlorophenol	10.88	266	51696	26.01	ng		95
63) C640 Phenanthrene	11.10	178	503549	22.32	ng		99
64) C645 Anthracene	11.15	178	509448	21.83	ng		100
65) C647 carbazole	11.32	167	525225	20.66	ng		98
66) C650 Di-n-butylphthalate	11.68	149	615247	22.28	ng		99
67) C655 Fluoranthene	12.23	202	537256	20.56	ng		89
69) C715 Pyrene	12.43	202	551052	21.61	ng		87
70) C710 benzidine	12.37	184	260881	23.04	ng		100
72) C720 Butylbenzylphthalate	13.01	149	296189	21.71	ng		98
73) C725 3,3'-Dichlorobenzidin	13.47	252	218067	19.78	ng		98
74) C730 Benzo[a]anthracene	13.48	228	552087	20.53	ng		99
75) C735 Chrysene	13.51	228	546670	20.35	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.50	149	423597	21.95	ng		92
77) C760 Di-n-octylphthalate	14.04	149	727849	18.55	ng		100
79) C765 Benzo[b]fluoranthene	14.37	252	671404m	20.08	ng		97
80) C770 Benzo[k]fluoranthene	14.39	252	711545	22.59	ng		98
81) C775 Benzo[a]pyrene	14.65	252	662360	22.11	ng		95
82) C780 Indeno[1,2,3-cd]pyren	15.70	276	981706	25.34	ng		96
83) C785 Dibenz[a,h]anthracene	15.71	278	850869	26.36	ng		94
84) C790 Benzo[g,h,i]perylene	15.98	276	856293	24.04	ng		93

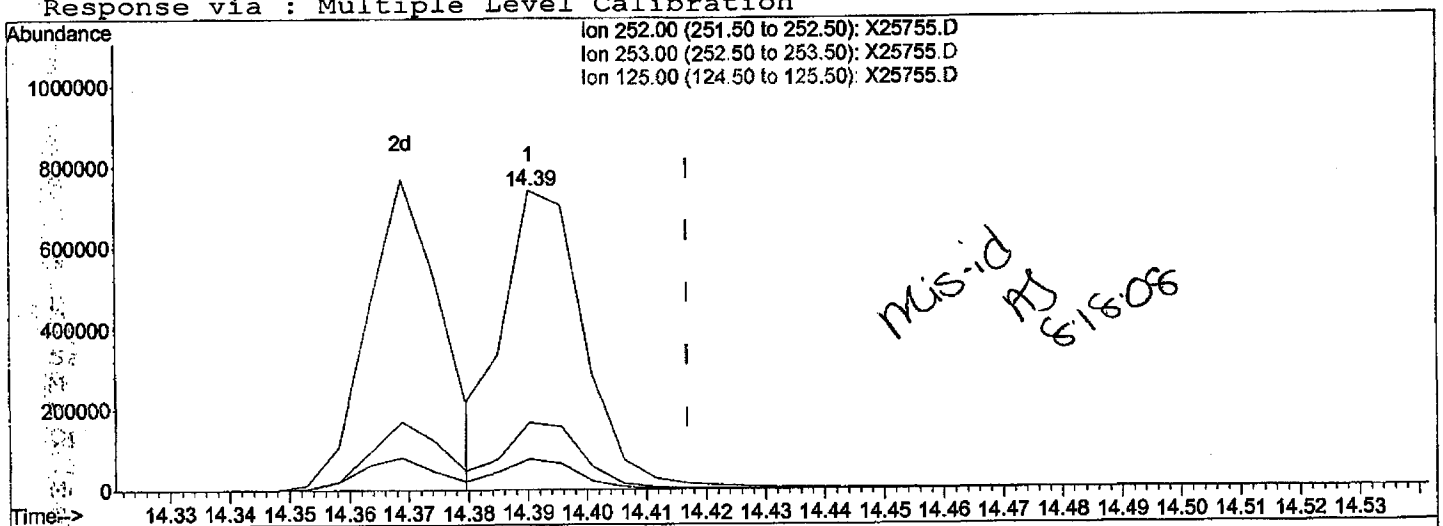
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

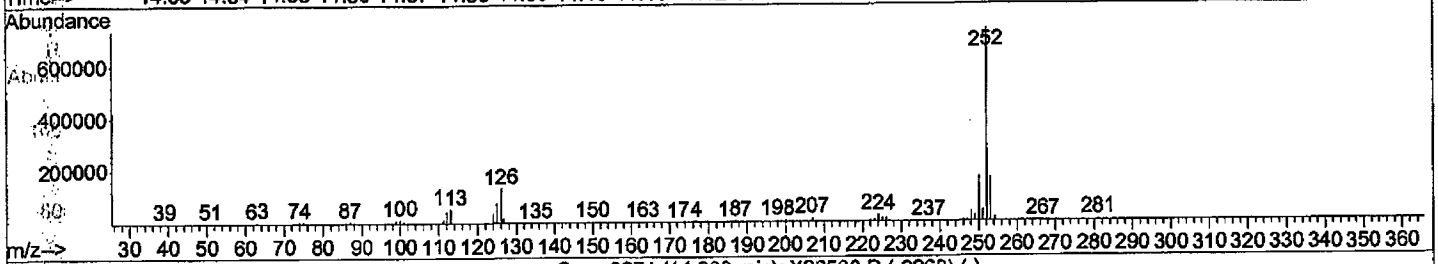
Data File : D:\DATA\081608\X25755.D
Acq On : 16 Aug 2008 11:17
Sample : SSTD020
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:07 2008

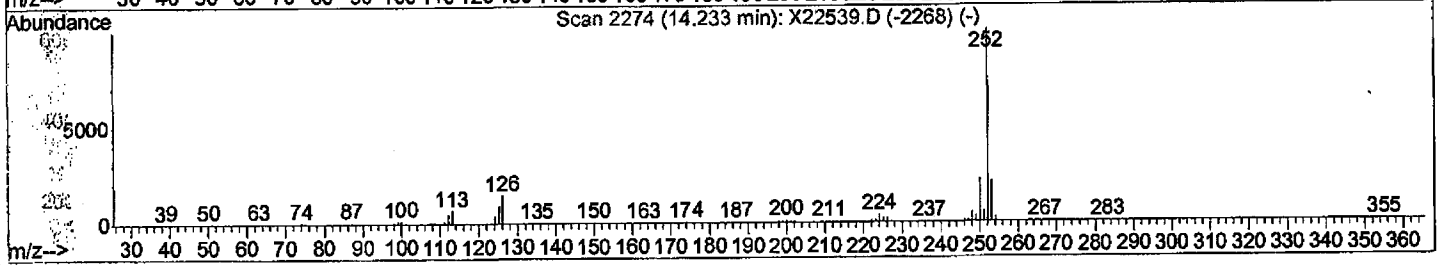
Vial: 9
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration



mis-id RT 6.18.06





TIC: X25755.D

(79) C765 Benzo[b]fluoranthene (TC)

14.39min (-0.027) 21.29ng

response 711545

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.47
125.00	11.00	10.33
0.00	0.00	0.00

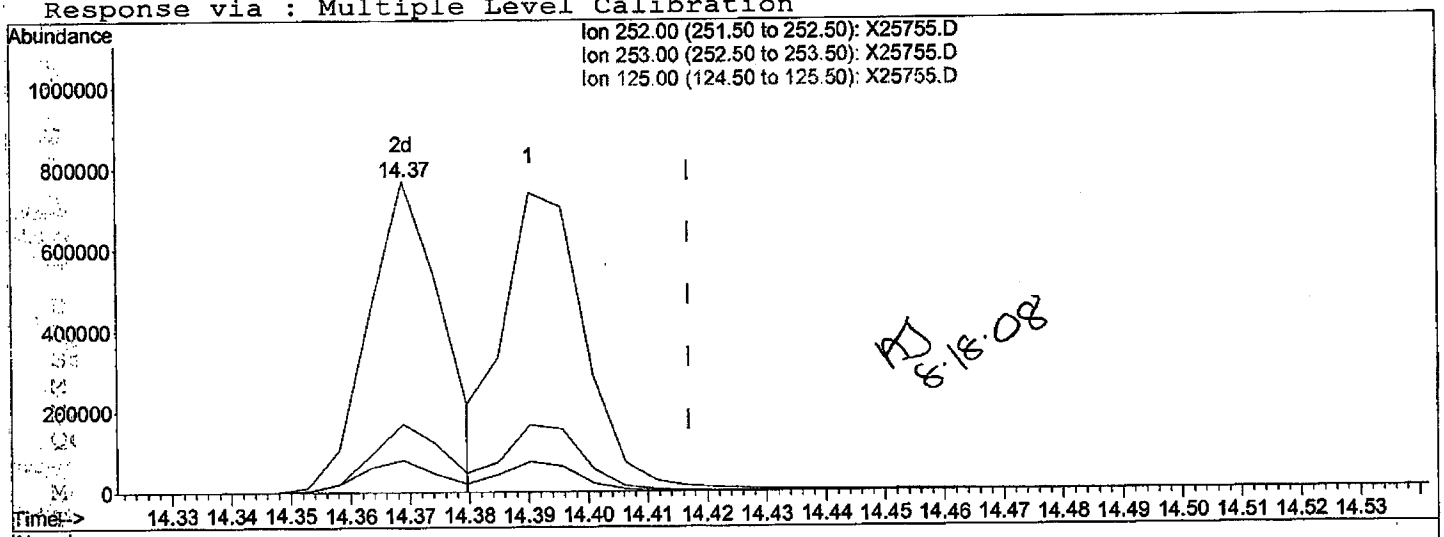
8/18/06

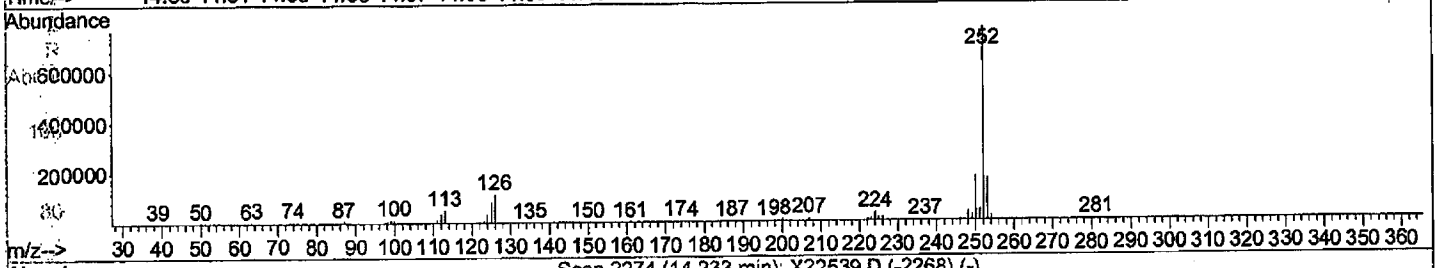
Quantitation Report (Qedit)

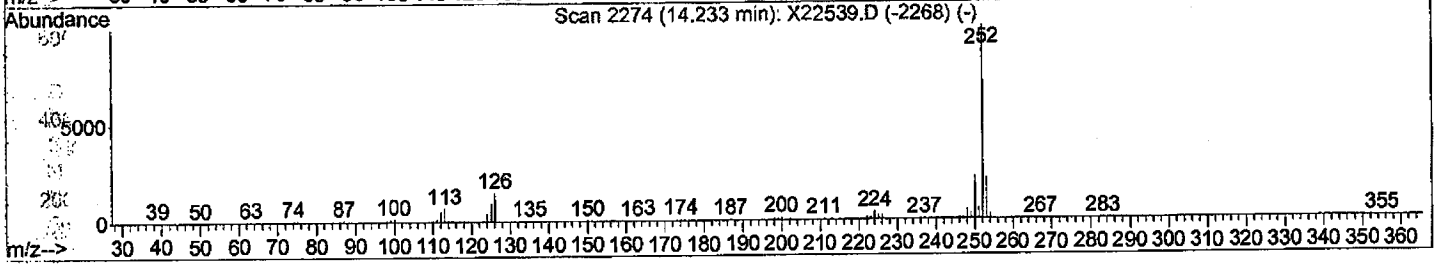
Data File : D:\DATA\081608\X25755.D
Acq On : 16 Aug 2008 11:17
Sample : SSTD020
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:07 2008

Vial: 9
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration







TIC: X25755.D

(79) C765 Benzo[b]fluoranthene (TC)

14.37min (-0.048) 20.08ng m

response 671404

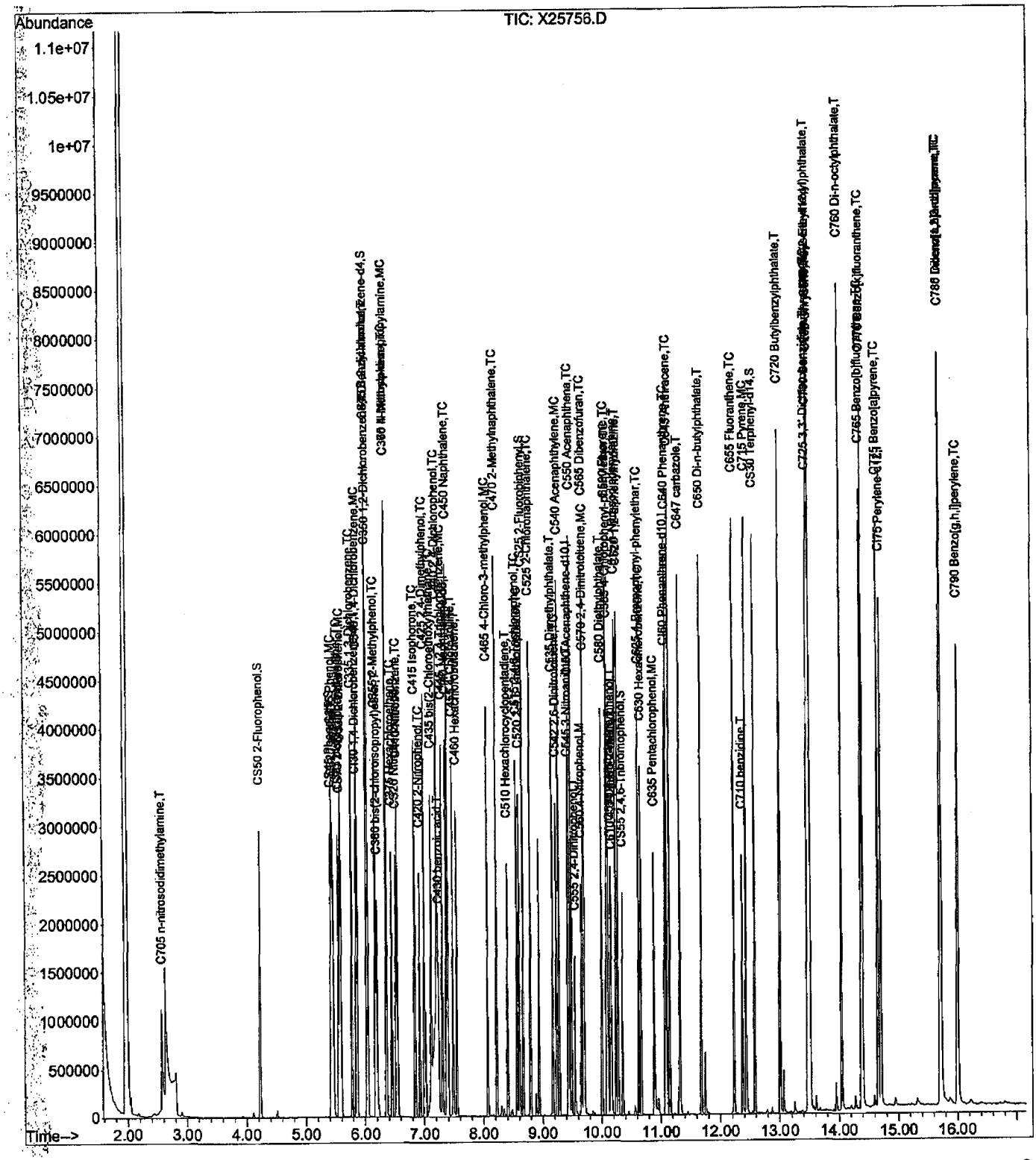
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.07
125.00	11.00	10.47
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25756.D
Acq On : 16 Aug 2008 11:40
Sample : SSTD050
Misc : 8270(06/24/08)
MS Integration Params: rteint.p

Vial: 10
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 18 08:06:09 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25756.D
Acq On : 16 Aug 2008 11:40
Sample : SSTD050
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:09 2008

Vial: 10
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	458399	40.00	ng	-0.06 135.18%
20) CI40 Naphthalene-d8	7.37	136	1665052	40.00	ng	-0.05 143.05%
35) CI50 Acenaphthene-d10	9.45	164	886028	40.00	ng	-0.04 166.46%
56) CI60 Phenanthrene-d10	11.08	188	1470500	40.00	ng	-0.04 163.91%
68) CI70 Chrysene-d12	13.50	240	1429245	40.00	ng	-0.03 129.84%
78) CI75 Perylene-d12	14.71	264	1728265	40.00	ng	-0.03 122.10%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.23	112	897669	51.49	ng	-0.09
Spiked Amount 150.000	Range 21 - 110		Recovery = 34.33%			
5) CS45 Phenol-d5	5.42	99	1118794	52.33	ng	-0.07
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.89%			
16) CS70 2-chlorophenol-d4	5.57	132	833750	51.71	ng	-0.07
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.47%			
12) CS75 1,2-dichlorobenzene-d	6.03	152	524130	53.10	ng	-0.06
Spiked Amount 100.000	Range 16 - 110		Recovery = 53.10%			
21) CS20 Nitrobenzene-d5	6.52	82	891517	52.86	ng	-0.06
Spiked Amount 100.000	Range 34 - 114		Recovery = 52.86%			
39) CS25 2-Fluorobiphenyl	8.67	172	1552178	49.99	ng	-0.05
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.99%			
59) CS55 2,4,6-Tribromophenol	10.36	330	193936	64.91	ng	-0.04
Spiked Amount 150.000	Range 10 - 123		Recovery = 43.27%			
71) CS30 Terphenyl-d14	12.58	244	1583834	55.70	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 55.70%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.57	74	568292	60.40	ng	83
4) C325 bis(2-Chloroethyl)eth	5.55	93	864079	53.00	ng	# 74
7) C315 Phenol	5.44	94	1221985	57.17	ng	89
8) C330 2-Chlorophenol	5.59	128	896714	54.27	ng	92
9) C320 aniline	5.46	93	1255249	52.31	ng	# 54
10) C335 1,3-Dichlorobenzene	5.78	146	990033	55.25	ng	98
11) C340 1,4-Dichlorobenzene	5.87	146	988538	54.68	ng	99
13) C350 1,2-Dichlorobenzene	6.05	146	894849	54.10	ng	98
14) C345 Benzyl alcohol	6.04	108	588019	57.83	ng	86
15) C360 bis(2-chloroisopropyl	6.20	45	1490086	53.96	ng	99
16) C355 2-Methylphenol	6.18	108	778484	53.80	ng	94
17) C375 Hexachloroethane	6.45	117	373542	55.90	ng	88
18) C370 N-Nitroso-di-n-propyl	6.36	70	637113	60.39	ng	# 75
19) C365 4-Methylphenol	6.37	108	829636	57.05	ng	97
22) C410 Nitrobenzene	6.55	77	932328	54.65	ng	90
23) C415 Isophorone	6.84	82	1698834	60.15	ng	90
24) C430 benzoic acid	7.24	122	1572456	219.98	ng	# 71
25) C420 2-Nitrophenol	6.93	139	440271	56.63	ng	87
26) C425 2,4-Dimethylphenol	7.00	107	852873	57.37	ng	99
27) C435 bis(2-Chloroethoxy)me	7.12	93	969826	57.18	ng	95
28) C440 2,4-Dichlorophenol	7.22	162	646659	57.41	ng	97

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25756.D
Acq On : 16 Aug 2008 11:40
Sample : SSTD050
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:09 2008

Vial: 10
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	625936	53.56	ng		93
30) C450 Naphthalene	7.40	128	2327294	54.02	ng		99
31) C455 4-Chloroaniline	7.49	127	992600	56.57	ng		99
32) C460 Hexachlorobutadiene	7.55	225	322617	54.07	ng		96
33) C465 4-Chloro-3-methylphen	8.07	107	750363	61.70	ng		98
34) C470 2-Methylnaphthalene	8.22	142	1513629	58.11	ng		98
36) C510 Hexachlorocyclopentad	8.41	237	385055	52.03	ng		94
37) C515 2,4,6-Trichlorophenol	8.56	196	399927	56.84	ng		97
38) C520 2,4,5-Trichlorophenol	8.60	196	433063	56.89	ng		99
40) C525 2-Chloronaphthalene	8.79	162	1376532	52.12	ng		95
41) C530 2-Nitroaniline	10.15	65	563739	52.40	ng		90
42) C540 Acenaphthylene	9.28	152	2268888	53.27	ng		99
43) C535 Dimethylphthalate	9.17	163	1562974	54.90	ng		98
44) C542 2,6-Dinitrotoluene	9.24	165	373298	55.69	ng		96
45) C550 Acenaphthene	9.49	153	1335556	53.18	ng		97
46) C545 3-Nitroaniline	9.44	138	415803	51.83	ng		97
47) C555 2,4-Dinitrophenol	9.55	184	192047	61.67	ng	#	57
48) C565 Dibenzofuran	9.70	168	1893410	53.61	ng		93
49) C570 2,4-Dinitrotoluene	9.71	165	492559	55.00	ng		76
50) C560 4-Nitrophenol	9.66	109	255891	65.98	ng	#	61
51) C590 Fluorene	10.09	166	1557282	53.36	ng		98
52) C585 4-Chlorophenyl-phenyl	10.10	204	635183	54.42	ng		82
53) C580 Diethylphthalate	10.01	149	1559083	56.86	ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	1731643	55.28	ng		87
55) C595 4-Nitroaniline	10.15	138	436304	51.48	ng		97
57) C610 4,6-Dinitro-2-methylp	10.17	198	246547	67.86	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	1119962	55.67	ng		98
60) C625 4-Bromophenyl-phenyle	10.63	248	376143	59.06	ng	#	78
61) C630 Hexachlorobenzene	10.68	284	396716	57.16	ng		82
62) C635 Pentachlorophenol	10.90	266	250803	74.78	ng		94
63) C640 Phenanthrene	11.10	178	2059857	54.10	ng		99
64) C645 Anthracene	11.16	178	2087324	53.01	ng		100
65) C647 carbazole	11.33	167	2180951	50.83	ng		97
66) C650 Di-n-butylphthalate	11.69	149	2631606	56.48	ng		99
67) C655 Fluoranthene	12.24	202	2240783	50.81	ng		90
69) C715 Pyrene	12.44	202	2307255	57.27	ng		87
70) C710 benzidine	12.38	184	962056	53.79	ng		99
72) C720 Butylbenzylphthalate	13.02	149	1251004	58.04	ng		97
73) C725 3,3'-Dichlorobenzidin	13.47	252	932731	53.55	ng		98
74) C730 Benzo[a]anthracene	13.49	228	2246909	52.90	ng		99
75) C735 Chrysene	13.52	228	2123338	50.05	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1761018	57.76	ng		91
77) C760 Di-n-octylphthalate	14.04	149	3415762	55.11	ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	2849681	51.62	ng		99
80) C770 Benzo[k]fluoranthene	14.41	252	2800398	58.62	ng		97
81) C775 Benzo[a]pyrene	14.66	252	2726791	55.11	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	3653883	57.11	ng		98
83) C785 Dibenz[a,h]anthracene	15.73	278	3086675	57.90	ng		94
84) C790 Benzo[g,h,i]perylene	16.01	276	3373220	57.34	ng		97

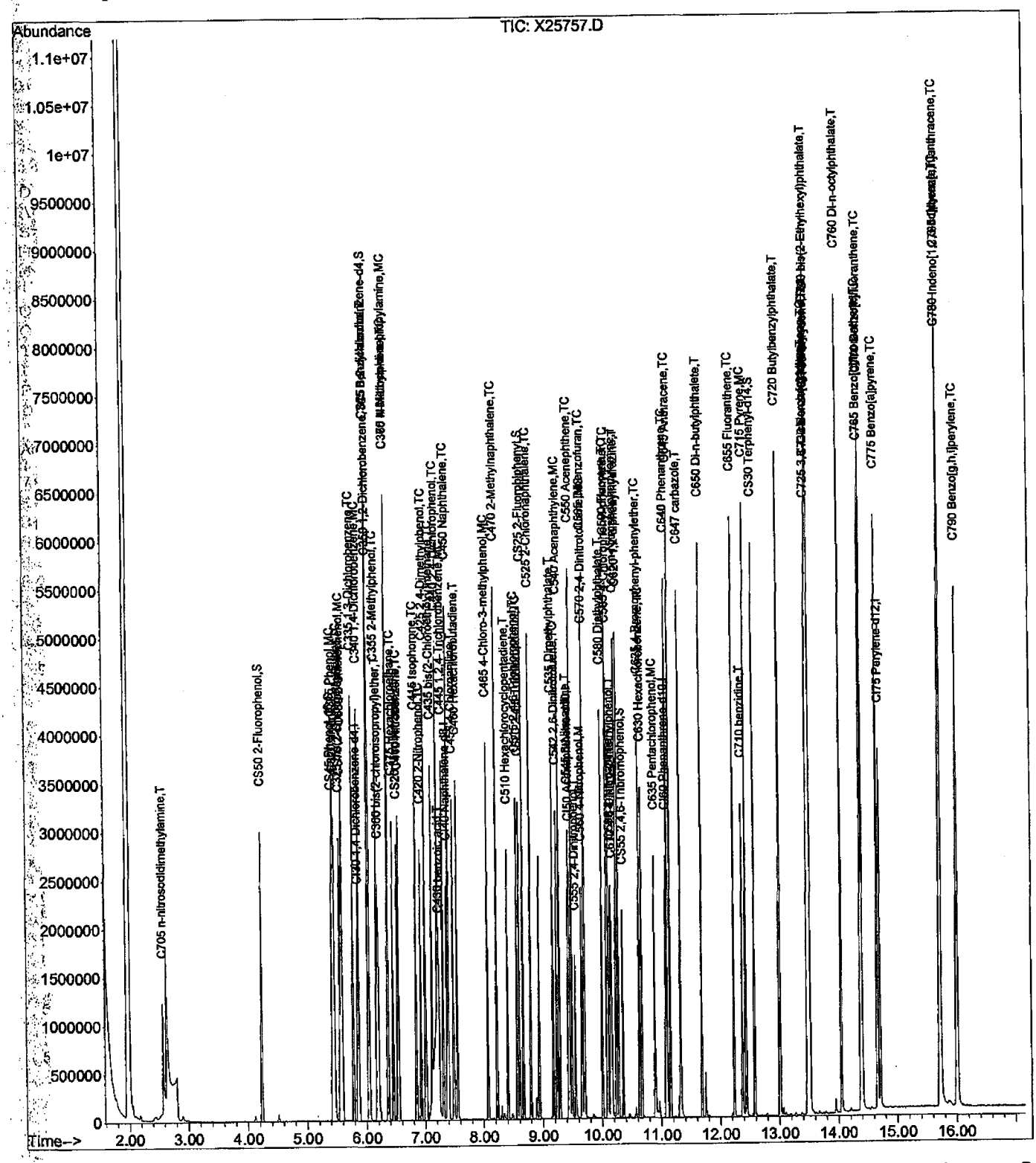
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25757.D
Acq On : 16 Aug 2008 12:02
Sample : SSTD080
Misc : 8270(06/24/08)
MS Integration Params: rteint.p

Vial: 11
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 18 08:06:11 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25757.D
Acq On : 16 Aug 2008 12:02
Sample : SSTD080
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:11 2008

Vial: 11
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	310632	40.00	ng	-0.06 91.60%
20) CI40 Naphthalene-d8	7.38	136	1099667	40.00	ng	-0.05 94.47%
35) CI50 Acenaphthene-d10	9.45	164	545872	40.00	ng	-0.04 102.56%
56) CI60 Phenanthrene-d10	11.08	188	916210	40.00	ng	-0.04 102.12%
68) CI70 Chrysene-d12	13.50	240	912913	40.00	ng	-0.03 82.93%
78) CI75 Perylene-d12	14.71	264	1198683	40.00	ng	-0.03 84.69%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.24	112	950482	80.45	ng	-0.08
Spiked Amount 150.000	Range 21 - 110		Recovery = 53.63%			
5) CS45 Phenol-d5	5.43	99	1175220	81.12	ng	-0.06
Spiked Amount 150.000	Range 10 - 110		Recovery = 54.08%			
6) CS70 2-chlorophenol-d4	5.58	132	872244	79.83	ng	-0.06
Spiked Amount 150.000	Range 33 - 110		Recovery = 53.22%			
12) CS75 1,2-dichlorobenzene-d	6.04	152	543580	81.27	ng	-0.06
Spiked Amount 100.000	Range 16 - 110		Recovery = 81.27%			
21) CS20 Nitrobenzene-d5	6.53	82	922475	82.82	ng	-0.06
Spiked Amount 100.000	Range 34 - 114		Recovery = 82.82%			
39) CS25 2-Fluorobiphenyl	8.67	172	1561626	81.63	ng	-0.05
Spiked Amount 100.000	Range 43 - 116		Recovery = 81.63%			
59) CS55 2,4,6-Tribromophenol	10.36	330	188987	101.52	ng	-0.04
Spiked Amount 150.000	Range 10 - 123		Recovery = 67.68%			
71) CS30 Terphenyl-d14	12.58	244	1584910	87.26	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 87.26%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.57	74	563113	88.31	ng	84
4) C325 bis(2-Chloroethyl)eth	5.56	93	918450	83.13	ng	# 74
7) C315 Phenol	5.45	94	1262628	87.17	ng	92
8) C330 2-Chlorophenol	5.60	128	956420	85.42	ng	93
9) C320 aniline	5.47	93	1366221	84.02	ng	# 57
10) C335 1,3-Dichlorobenzene	5.78	146	1031477	84.94	ng	97
11) C340 1,4-Dichlorobenzene	5.88	146	1033235	84.34	ng	100
13) C350 1,2-Dichlorobenzene	6.05	146	938222	83.71	ng	98
14) C345 Benzyl alcohol	6.04	108	601429	87.28	ng	86
15) C360 bis(2-chloroisopropyl	6.21	45	1597184	85.36	ng	99
16) C355 2-Methylphenol	6.18	108	807048	82.30	ng	94
17) C375 Hexachloroethane	6.45	117	396731	87.61	ng	93
18) C370 N-Nitroso-di-n-propyl	6.36	70	654276	91.52	ng	# 76
19) C365 4-Methylphenol	6.37	108	839150	85.15	ng	95
22) C410 Nitrobenzene	6.56	77	973084	86.36	ng	88
23) C415 Isophorone	6.85	82	1688631	90.53	ng	90
24) C430 benzoic acid	7.24	122	1546845	308.28	ng	# 70
25) C420 2-Nitrophenol	6.93	139	457177	89.04	ng	92
26) C425 2,4-Dimethylphenol	7.00	107	873278	88.94	ng	98
27) C435 bis(2-Chloroethoxy)me	7.12	93	994193	88.75	ng	96
28) C440 2,4-Dichlorophenol	7.22	162	652456	87.70	ng	98

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25757.D
Acq On : 16 Aug 2008 12:02
Sample : SSTD080
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:11 2008

Vial: 11
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	657146	85.14	ng		95
30) C450 Naphthalene	7.41	128	2417369	84.96	ng		99
31) C455 4-Chloroaniline	7.49	127	999495	86.25	ng		99
32) C460 Hexachlorobutadiene	7.55	225	351420	89.17	ng		96
33) C465 4-Chloro-3-methylphen	8.07	107	734416	91.44	ng		99
34) C470 2-Methylnaphthalene	8.23	142	1528494	88.85	ng		97
36) C510 Hexachlorocyclopentad	8.41	237	390075	85.55	ng		93
37) C515 2,4,6-Trichlorophenol	8.56	196	402061	92.75	ng		95
38) C520 2,4,5-Trichlorophenol	8.61	196	425087	90.63	ng		96
40) C525 2-Chloronaphthalene	8.80	162	1376733	84.62	ng		96
41) C530 2-Nitroaniline	10.15	65	549677	82.93	ng		92
42) C540 Acenaphthylene	9.28	152	2228561	84.93	ng		98
43) C535 Dimethylphthalate	9.17	163	1538293	87.71	ng		99
44) C542 2,6-Dinitrotoluene	9.24	165	360991	87.41	ng		98
45) C550 Acenaphthene	9.49	153	1324908	85.63	ng		98
46) C545 3-Nitroaniline	9.44	138	404435	81.83	ng		97
47) C555 2,4-Dinitrophenol	9.55	184	189400	93.88	ng	#	58
48) C565 Dibenzofuran	9.70	168	1854867	85.25	ng		92
49) C570 2,4-Dinitrotoluene	9.71	165	488742	88.58	ng		75
50) C560 4-Nitrophenol	9.66	109	247059	103.40	ng	#	63
51) C590 Fluorene	10.09	166	1541688	85.75	ng		99
52) C585 4-Chlorophenyl-phenyl	10.10	204	632652	87.98	ng	#	81
53) C580 Diethylphthalate	10.01	149	1522037	90.10	ng		97
54) C620 1,2-diphenylhydrazine	10.28	77	1697045	87.93	ng		87
55) C595 4-Nitroaniline	10.15	138	417491	79.95	ng		96
57) C610 4,6-Dinitro-2-methylp	10.17	198	240909	106.42	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	1097102	87.53	ng		98
60) C625 4-Bromophenyl-phenyle	10.63	248	360256	90.79	ng	#	71
61) C630 Hexachlorobenzene	10.68	284	391405	90.51	ng		80
62) C635 Pentachlorophenol	10.89	266	257897	123.41	ng		98
63) C640 Phenanthrene	11.10	178	2007155	84.61	ng		99
64) C645 Anthracene	11.16	178	2079530	84.77	ng		100
65) C647 carbazole	11.33	167	2183827	81.69	ng		98
66) C650 Di-n-butylphthalate	11.69	149	2660609	91.65	ng		100
67) C655 Fluoranthene	12.24	202	2199277	80.05	ng		90
69) C715 Pyrene	12.44	202	2274608	88.40	ng		89
70) C710 benzidine	12.38	184	1128857	98.82	ng		100
72) C720 Butylbenzylphthalate	13.02	149	1254600	91.13	ng		90
73) C725 3,3'-Dichlorobenzidin	13.48	252	954114	85.76	ng		98
74) C730 Benzo[a]anthracene	13.49	228	2237716	82.48	ng		99
75) C735 Chrysene	13.52	228	2110158	77.86	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1794945	92.17	ng		91
77) C760 Di-n-octylphthalate	14.05	149	3424374	86.49	ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	3085180	80.57	ng		99
80) C770 Benzo[k]fluoranthene	14.41	252	2734016	90.09	ng		99
81) C775 Benzo[a]pyrene	14.67	252	2917887	85.03	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.73	276	4050131	91.28	ng		99
83) C785 Dibenz[a,h]anthracene	15.74	278	3362920	90.95	ng		95
84) C790 Benzo[g,h,i]perylene	16.02	276	3661610	89.74	ng		99

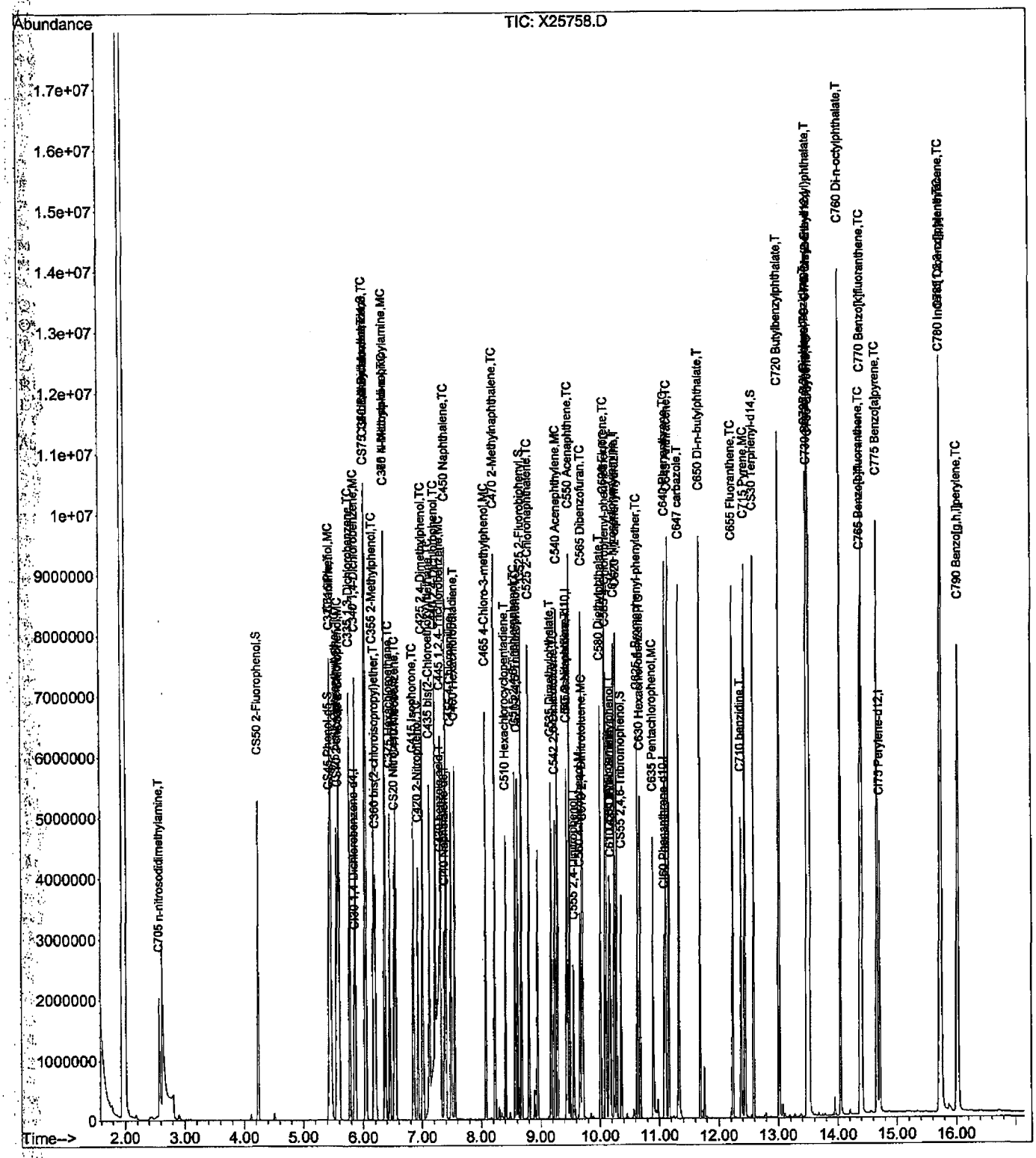
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25758.D
Acq On : 16 Aug 2008 12:25
Sample : SSTD120
Misc : 8270(06/24/08)
MS Integration Params: rteint.p

Vial: 12
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 18 08:06:13 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25758.D Vial: 12
Acq On : 16 Aug 2008 12:25 Operator: RM
Sample : SSTD120 Inst : HP5973X
Misc : 8270(06/24/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:13 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	382206	40.00	ng	-0.06 112.71%
20) CI40 Naphthalene-d8	7.38	136	1346863	40.00	ng	-0.05 115.71%
35) CI50 Acenaphthene-d10	9.45	164	656039	40.00	ng	-0.04 123.25%
56) CI60 Phenanthrene-d10	11.08	188	1114484	40.00	ng	-0.04 124.22%
68) CI70 Chrysene-d12	13.50	240	1106925	40.00	ng	-0.03 100.56%
78) CI75 Perylene-d12	14.71	264	1535026	40.00	ng	-0.03 108.45%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.24	112	1590515	109.41	ng	-0.08
Spiked Amount 150.000	Range 21 - 110		Recovery = 72.94%			
5) CS45 Phenol-d5	5.44	99	1989788	111.63	ng	-0.05
Spiked Amount 150.000	Range 10 - 110		Recovery = 74.42%			
6) CS70 2-chlorophenol-d4	5.58	132	1480621	110.13	ng	-0.06
Spiked Amount 150.000	Range 33 - 110		Recovery = 73.42%			
12) CS75 1,2-dichlorobenzene-d	6.04	152	901717	109.56	ng	-0.06
Spiked Amount 100.000	Range 16 - 110		Recovery = 109.56%			
21) CS20 Nitrobenzene-d5	6.53	82	1592078	116.70	ng	-0.05
Spiked Amount 100.000	Range 34 - 114		Recovery = 116.70%#			
39) CS25 2-Fluorobiphenyl	8.68	172	2620349	113.97	ng	-0.04
Spiked Amount 100.000	Range 43 - 116		Recovery = 113.97%			
59) CS55 2,4,6-Tribromophenol	10.36	330	322521	142.43	ng	-0.04
Spiked Amount 150.000	Range 10 - 123		Recovery = 94.95%			
71) CS30 Terphenyl-d14	12.59	244	2581553	117.22	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 117.22%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.57	74	1017229	129.66	ng	82
4) C325 bis(2-Chloroethyl)eth	5.56	93	1573607	115.75	ng	# 72
7) C315 Phenol	5.45	94	2094396	117.51	ng	97
8) C330 2-Chlorophenol	5.60	128	1602967	116.35	ng	93
9) C320 aniline	5.47	93	2253515	112.63	ng	# 55
10) C335 1,3-Dichlorobenzene	5.78	146	1717301	114.93	ng	99
11) C340 1,4-Dichlorobenzene	5.88	146	1725932	114.50	ng	99
13) C350 1,2-Dichlorobenzene	6.05	146	1545947	112.10	ng	98
14) C345 Benzyl alcohol	6.05	108	1007471	118.83	ng	# 85
15) C360 bis(2-chloroisopropyl	6.21	45	2694950	117.06	ng	98
16) C355 2-Methylphenol	6.18	108	1358406	112.58	ng	95
17) C375 Hexachloroethane	6.45	117	656110	117.76	ng	92
18) C370 N-Nitroso-di-n-propyl	6.37	70	1122098	127.56	ng	# 74
19) C365 4-Methylphenol	6.38	108	1433869	118.25	ng	96
22) C410 Nitrobenzene	6.56	77	1662584	120.47	ng	92
23) C415 Isophorone	6.85	82	2905703	127.18	ng	91
24) C430 benzoic acid	7.30	122	2763308	431.50	ng	# 71
25) C420 2-Nitrophenol	6.93	139	784607	124.76	ng	89
26) C425 2,4-Dimethylphenol	7.01	107	1480010	123.07	ng	99
27) C435 bis(2-Chloroethoxy)me	7.13	93	1692054	123.32	ng	96
28) C440 2,4-Dichlorophenol	7.22	162	1120851	123.01	ng	98

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25758.D Vial: 12
Acq On : 16 Aug 2008 12:25 Operator: RM
Sample : SSTD120 Inst : HP5973X
Misc : 8270(06/24/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:13 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

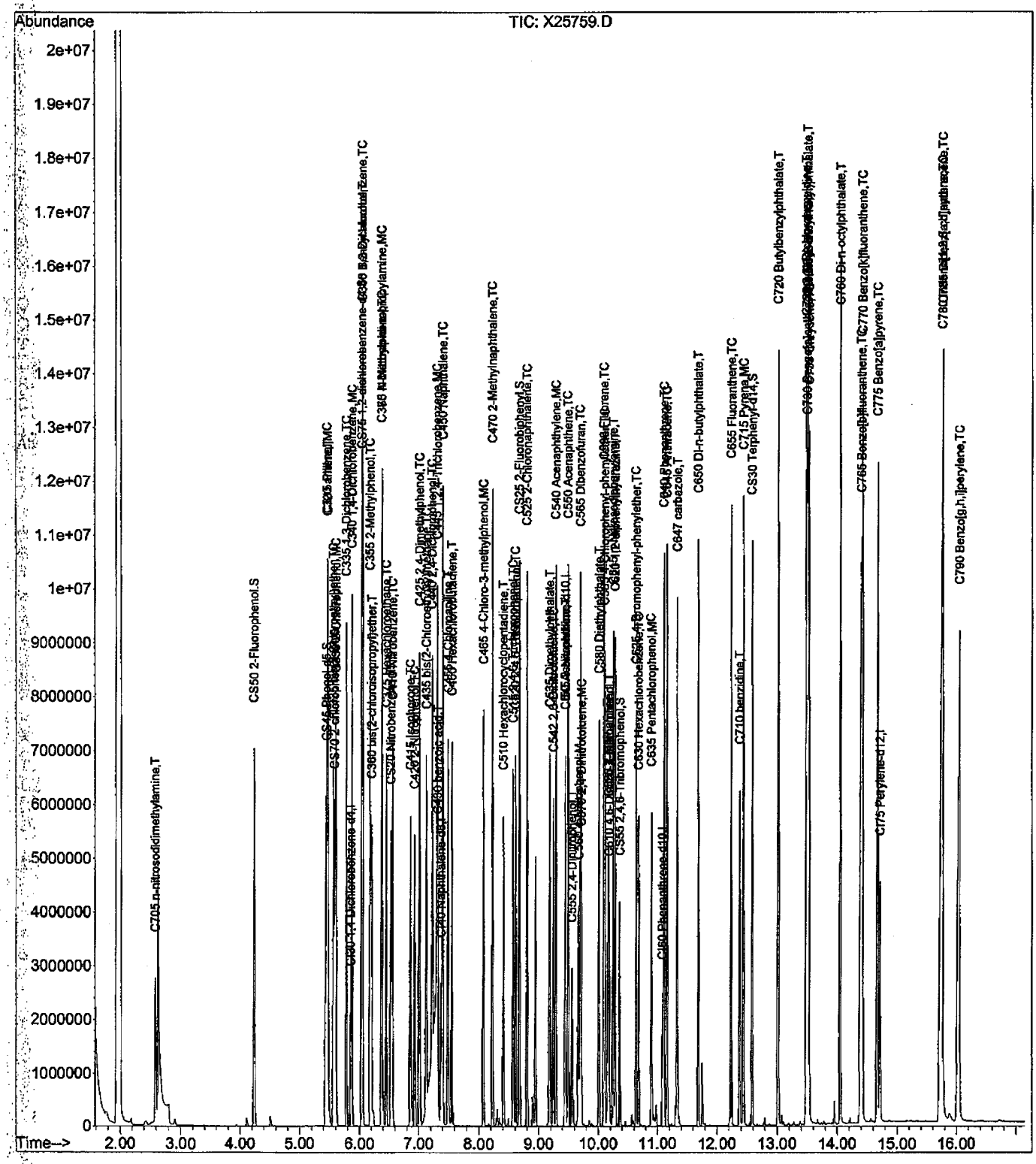
Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	1081645	114.42 ng		93
30) C450 Naphthalene	7.41	128	4064305	116.63 ng		98
31) C455 4-Chloroaniline	7.49	127	1689280	119.03 ng		99
32) C460 Hexachlorobutadiene	7.55	225	582551	120.69 ng		96
33) C465 4-Chloro-3-methylphen	8.08	107	1260748	128.16 ng		98
34) C470 2-Methylnaphthalene	8.23	142	2570166	121.98 ng		98
36) C510 Hexachlorocyclopentad	8.41	237	672264	122.67 ng		96
37) C515 2,4,6-Trichlorophenol	8.57	196	660576	126.80 ng		97
38) C520 2,4,5-Trichlorophenol	8.61	196	710347	126.02 ng		99
40) C525 2-Chloronaphthalene	8.80	162	2301166	117.68 ng		95
41) C530 2-Nitroaniline	10.16	65	925517	116.18 ng		85
42) C540 Acenaphthylene	9.29	152	3758397	119.17 ng		99
43) C535 Dimethylphthalate	9.18	163	2594936	123.11 ng		99
44) C542 2,6-Dinitrotoluene	9.24	165	616579	124.23 ng		99
45) C550 Acenaphthene	9.49	153	2202015	118.42 ng		99
46) C545 3-Nitroaniline	9.45	138	693599	116.77 ng		92
47) C555 2,4-Dinitrophenol	9.56	184	349408	139.80 ng	#	54
48) C565 Dibenzofuran	9.70	168	3107240	118.83 ng		92
49) C570 2,4-Dinitrotoluene	9.72	165	819053	123.52 ng		86
50) C560 4-Nitrophenol	9.67	109	434458	151.30 ng	#	60
51) C590 Fluorene	10.09	166	2530932	117.13 ng		99
52) C585 4-Chlorophenyl-phenyl	10.11	204	1039028	120.23 ng		83
53) C580 Diethylphthalate	10.01	149	2539838	125.11 ng		98
54) C620 1,2-diphenylhydrazine	10.29	77	2878649	124.10 ng		88
55) C595 4-Nitroaniline	10.16	138	710982	113.29 ng		94
57) C610 4,6-Dinitro-2-methylp	10.18	198	412041	149.64 ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	1821185	119.44 ng		97
60) C625 4-Bromophenyl-phenyle	10.64	248	604914	125.33 ng	#	83
61) C630 Hexachlorobenzene	10.68	284	648392	123.26 ng		84
62) C635 Pentachlorophenol	10.90	266	431038	169.57 ng		98
63) C640 Phenanthrene	11.11	178	3292028	114.09 ng		99
64) C645 Anthracene	11.16	178	3369318	112.91 ng		99
65) C647 carbazole	11.33	167	3587834	110.33 ng		97
66) C650 Di-n-butylphthalate	11.69	149	4298067	121.72 ng		100
67) C655 Fluoranthene	12.24	202	3566118	106.70 ng		89
69) C715 Pyrene	12.44	202	3701705	118.65 ng		88
70) C710 benzidine	12.38	184	1944643	140.39 ng		99
72) C720 Butylbenzylphthalate	13.02	149	2053275	123.00 ng		98
73) C725 3,3'-Dichlorobenzidin	13.48	252	1589894	117.86 ng		97
74) C730 Benzo[a]anthracene	13.49	228	3777410	114.82 ng		100
75) C735 Chrysene	13.52	228	3630922	110.50 ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	2869055	121.51 ng		90
77) C760 Di-n-octylphthalate	14.05	149	5843963	121.73 ng		100
79) C765 Benzo[b]fluoranthene	14.39	252	5521559	112.60 ng		99
80) C770 Benzo[k]fluoranthene	14.42	252	4571125	136.22 ng		98
81) C775 Benzo[a]pyrene	14.67	252	4955969	112.77 ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.74	276	6894465	121.33 ng		90
83) C785 Dibenz[a,h]anthracene	15.75	278	5613979	118.57 ng		92
84) C790 Benzo[g,h,i]perylene	16.04	276	6306064	120.69 ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25759.D Vial: 13
Acq On : 16 Aug 2008 12:48 Operator: RM
Sample : SSTD160 Inst : HP5973X
Misc : 8270(06/24/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Aug 18 08:32:57 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:32:57 2008

Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	350098	40.00	ng	-0.05 103.24%
20) CI40 Naphthalene-d8	7.38	136	1217067	40.00	ng	-0.05 104.56%
35) CI50 Acenaphthene-d10	9.45	164	552929	40.00	ng	-0.04 103.88%
56) CI60 Phenanthrene-d10	11.09	188	927459	40.00	ng	-0.03 103.38%
68) CI70 Chrysene-d12	13.50	240	919443	40.00	ng	-0.03 83.53%
78) CI75 Perylene-d12	14.72	264	1378746	40.00	ng	-0.02 97.41%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.24	112	2156126	161.92	ng	-0.07
Spiked Amount 150.000	Range 21 - 110		Recovery = 107.95%			
5) CS45 Phenol-d5	5.45	99	2696348	165.14	ng	-0.04
Spiked Amount 150.000	Range 10 - 110		Recovery = 110.09%#			
16) CS70 2-chlorophenol-d4	5.59	132	1979818	160.77	ng	-0.05
Spiked Amount 150.000	Range 33 - 110		Recovery = 107.18%			
12) CS75 1,2-dichlorobenzene-d	6.04	152	1233987	163.69	ng	-0.05
Spiked Amount 100.000	Range 16 - 110		Recovery = 163.69%#			
21) CS20 Nitrobenzene-d5	6.54	82	2186602	177.38	ng	-0.05
Spiked Amount 100.000	Range 34 - 114		Recovery = 177.38%#			
39) CS25 2-Fluorobiphenyl	8.68	172	3412151	176.09	ng	-0.04
Spiked Amount 100.000	Range 43 - 116		Recovery = 176.09%#			
59) CS55 2,4,6-Tribromophenol	10.37	330	404899	214.86	ng	-0.03
Spiked Amount 150.000	Range 10 - 123		Recovery = 143.24%#			
71) CS30 Terphenyl-d14	12.59	244	3203390	175.11	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 175.11%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.59	74	1376928	191.60	ng	83
4) C325 bis(2-Chloroethyl)eth	5.57	93	2124811	170.63	ng	# 75
7) C315 Phenol	5.47	94	2772883	169.85	ng	89
8) C330 2-Chlorophenol	5.61	128	2164019	171.48	ng	91
9) C320 aniline	5.48	93	3027817	165.20	ng	# 55
10) C335 1,3-Dichlorobenzene	5.79	146	2379524	173.86	ng	98
11) C340 1,4-Dichlorobenzene	5.88	146	2366271	171.37	ng	99
13) C350 1,2-Dichlorobenzene	6.06	146	2054893	162.67	ng	98
14) C345 Benzyl alcohol	6.05	108	1335817	172.00	ng	87
15) C360 bis(2-chloroisopropyl	6.21	45	3700422	175.47	ng	98
16) C355 2-Methylphenol	6.19	108	1852986	167.66	ng	91
17) C375 Hexachloroethane	6.46	117	898125	175.98	ng	93
18) C370 N-Nitroso-di-n-propyl	6.38	70	1415137	175.63	ng	# 73
19) C365 4-Methylphenol	6.38	108	1899211	170.99	ng	97
22) C410 Nitrobenzene	6.57	77	2257674	181.03	ng	91
23) C415 Isophorone	6.87	82	3899707	188.89	ng	89
24) C430 benzoic acid	7.33	122	3686426m	618.18	ng	# 97
25) C420 2-Nitrophenol	6.94	139	1050474	184.86	ng	90
26) C425 2,4-Dimethylphenol	7.02	107	1964523	180.78	ng	99
27) C435 bis(2-Chloroethoxy)me	7.13	93	2284020	184.22	ng	96
28) C440 2,4-Dichlorophenol	7.23	162	1478142	179.53	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:32:57 2008

Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	1400819	163.99 ng		92
30) C450 Naphthalene	7.41	128	5508521	174.93 ng		98
31) C455 4-Chloroaniline	7.50	127	2235532	174.31 ng		99
32) C460 Hexachlorobutadiene	7.56	225	777980	178.37 ng		96
33) C465 4-Chloro-3-methylphen	8.08	107	1636446	184.09 ng		98
34) C470 2-Methylnaphthalene	8.23	142	3409456	179.06 ng		98
36) C510 Hexachlorocyclopentad	8.42	237	890529	192.80 ng		94
37) C515 2,4,6-Trichlorophenol	8.58	196	868529	197.81 ng		100
38) C520 2,4,5-Trichlorophenol	8.61	196	911440	191.85 ng		99
40) C525 2-Chloronaphthalene	8.81	162	2952571	179.15 ng		94
41) C530 2-Nitroaniline	10.17	65	1138206	169.53 ng		90
42) C540 Acenaphthylene	9.29	152	4777470	179.74 ng		99
43) C535 Dimethylphthalate	9.18	163	3269038	184.01 ng		98
44) C542 2,6-Dinitrotoluene	9.25	165	772176	184.59 ng		97
45) C550 Acenaphthene	9.50	153	2833418	180.79 ng		98
46) C545 3-Nitroaniline	9.45	138	876207	175.02 ng		91
47) C555 2,4-Dinitrophenol	9.57	184	442782	206.13 ng	#	57
48) C565 Dibenzofuran	9.70	168	3945753	179.04 ng		91
49) C570 2,4-Dinitrotoluene	9.72	165	1009386	180.61 ng		82
50) C560 4-Nitrophenol	9.68	109	537413	222.05 ng	#	60
51) C590 Fluorene	10.10	166	3137492	172.28 ng		98
52) C585 4-Chlorophenyl-phenyl	10.11	204	1269659	174.31 ng	#	80
53) C580 Diethylphthalate	10.02	149	3137549	183.37 ng		97
54) C620 1,2-diphenylhydrazine	10.29	77	3585229	183.39 ng		87
55) C595 4-Nitroaniline	10.17	138	877536	165.91 ng		95
57) C610 4,6-Dinitro-2-methylp	10.18	198	523007	228.24 ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	2252206	177.50 ng		97
60) C625 4-Bromophenyl-phenyle	10.64	248	738430	183.84 ng	#	78
61) C630 Hexachlorobenzene	10.69	284	787662	179.93 ng		89
62) C635 Pentachlorophenol	10.90	266	545299	257.77 ng		97
63) C640 Phenanthrene	11.11	178	3969820	165.32 ng		99
64) C645 Anthracene	11.16	178	4137722	166.62 ng		100
65) C647 carbazole	11.34	167	4448321	164.37 ng		98
66) C650 Di-n-butylphthalate	11.69	149	5198890	176.92 ng		100
67) C655 Fluoranthene	12.24	202	4438365	159.58 ng		97
69) C715 Pyrene	12.44	202	4708301	181.68 ng		94
70) C710 benzidine	12.38	184	2554211	222.00 ng		99
72) C720 Butylbenzylphthalate	13.02	149	2615126	188.60 ng		95
73) C725 3,3'-Dichlorobenzidin	13.48	252	2033736	181.50 ng		97
74) C730 Benzo[a]anthracene	13.49	228	4795440	175.49 ng		100
75) C735 Chrysene	13.53	228	4735936	173.51 ng		100
76) C740 bis(2-Ethylhexyl)phth	13.51	149	3642819	185.74 ng		92
77) C760 Di-n-octylphthalate	14.05	149	7673702	192.44 ng		99
79) C765 Benzo[b]fluoranthene	14.40	252	8492708m	192.82 ng		99
80) C770 Benzo[k]fluoranthene	14.42	252	4509464m	168.04 ng		99
81) C775 Benzo[a]pyrene	14.68	252	6561386	166.23 ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.76	276	9134279	178.97 ng		85
83) C785 Dibenz[a,h]anthracene	15.77	278	7395124	173.89 ng		93
84) C790 Benzo[g,h,i]perylene	16.05	276	8243796	175.66 ng		96

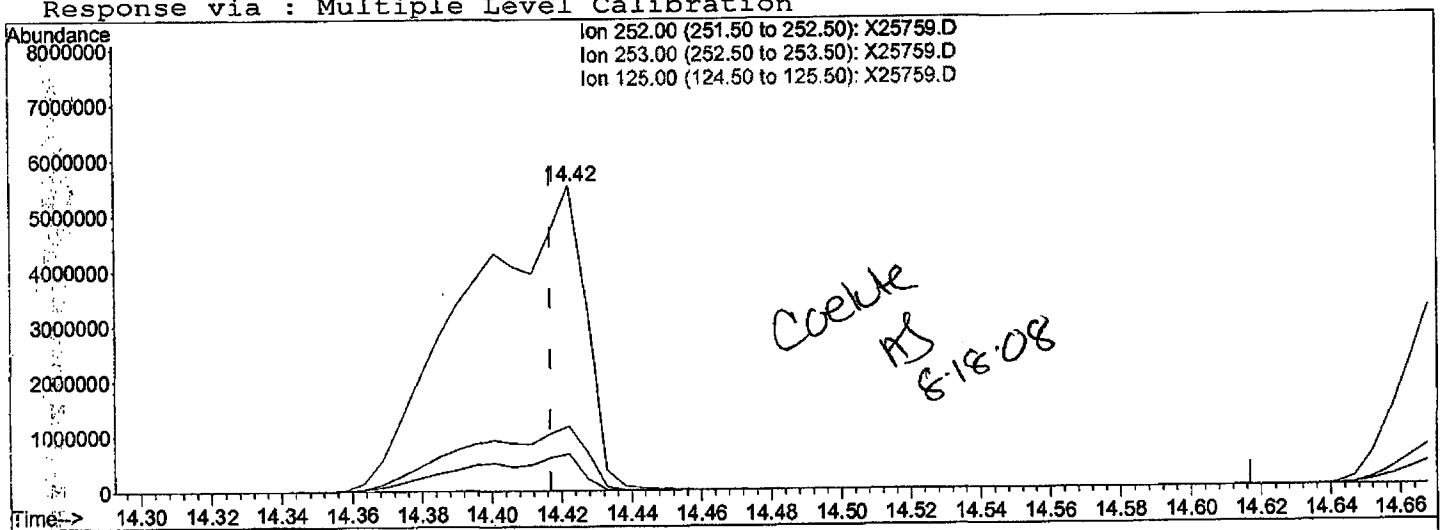
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

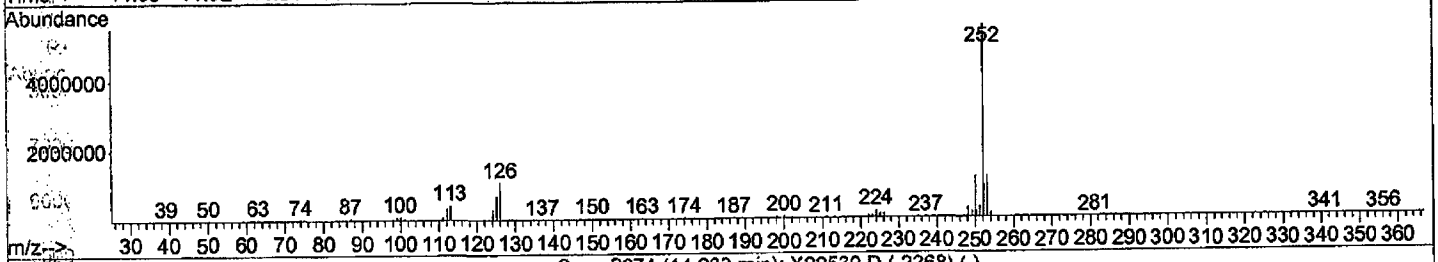
Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:15 2008

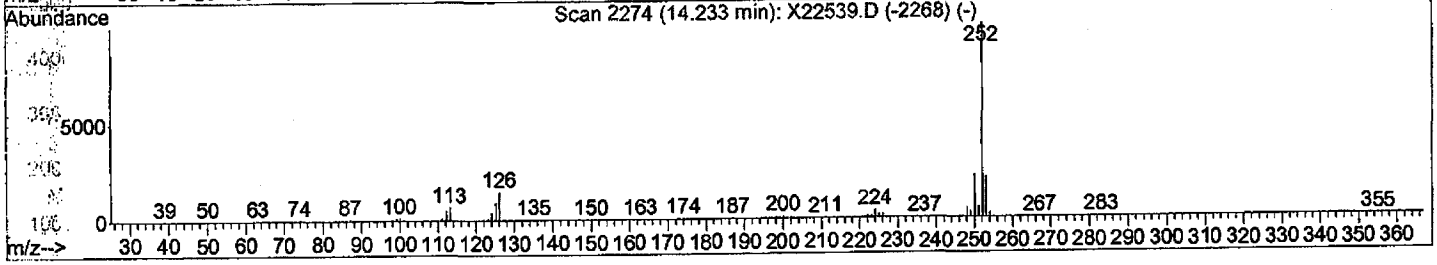
Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration



Coelute RJ 8.18.08





TIC: X25759.D

(79) C765 Benzo[b]fluoranthene (TC)

14.42min (+0.005) 295.99ng

response 13036542

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.09
125.00	11.00	12.09
0.00	0.00	0.00

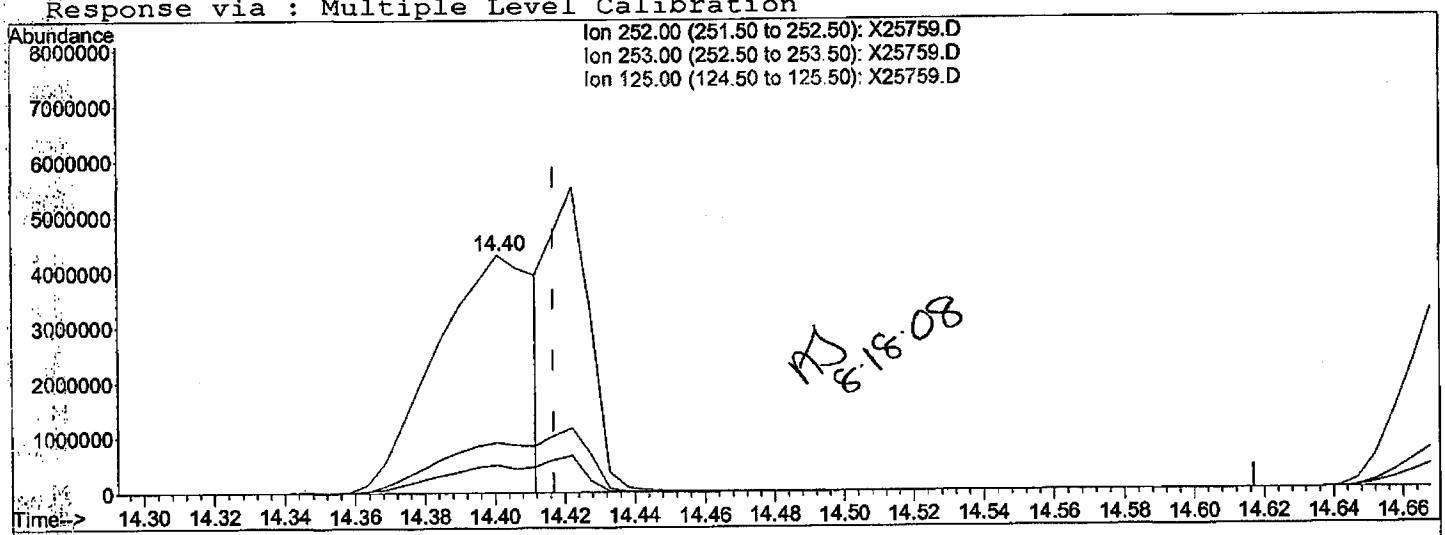
8/18/08

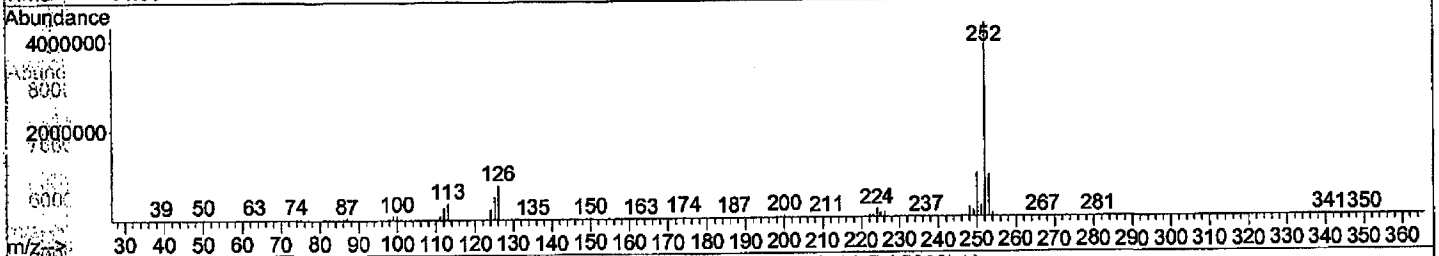
Quantitation Report (Qedit)

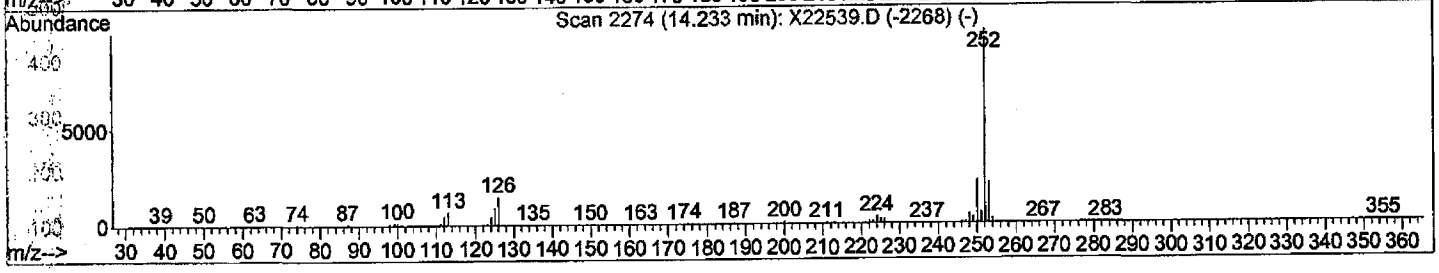
Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:15 2008

Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration







TIC: X25759.D

(79) C765 Benzo[b]fluoranthene (TC)

14.40min (-0.016) 192.82ng m

response 8492708

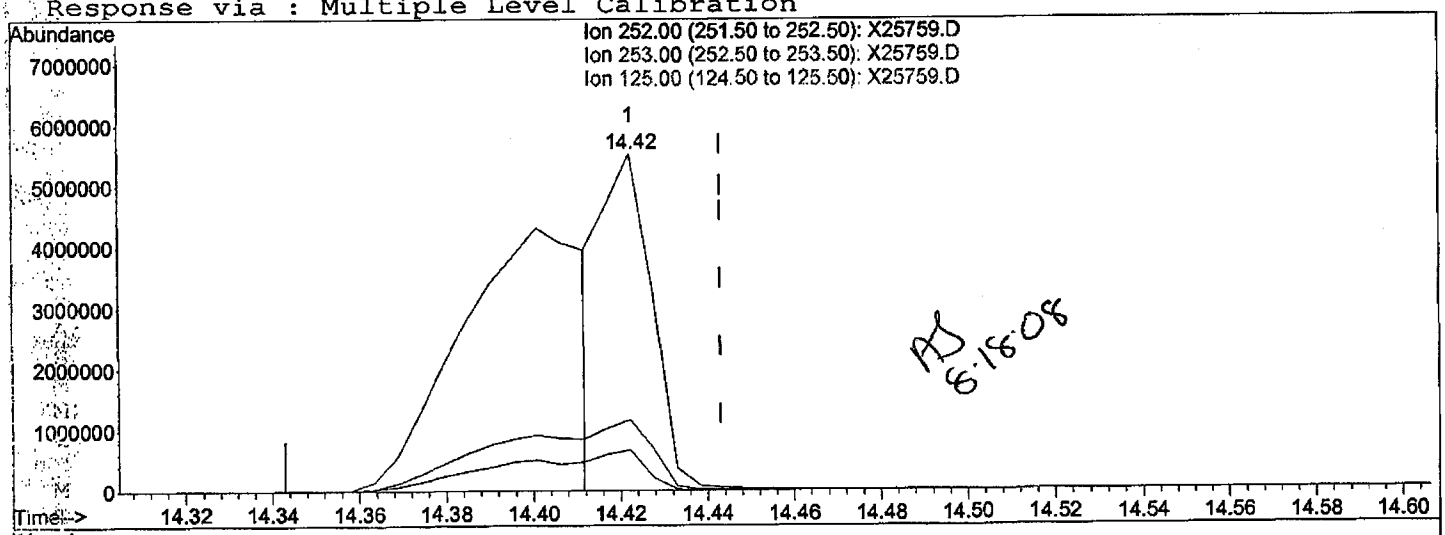
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.29
125.00	11.00	11.77
0.00	0.00	0.00

Quantitation Report (Qedit)

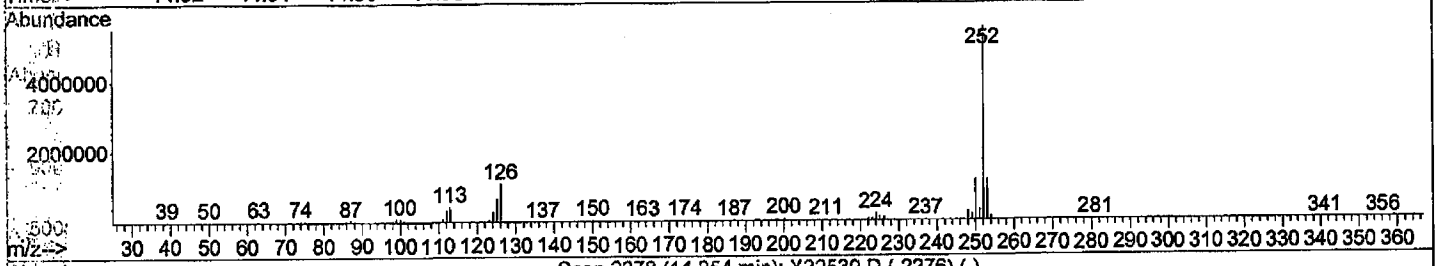
Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:06:15 2008

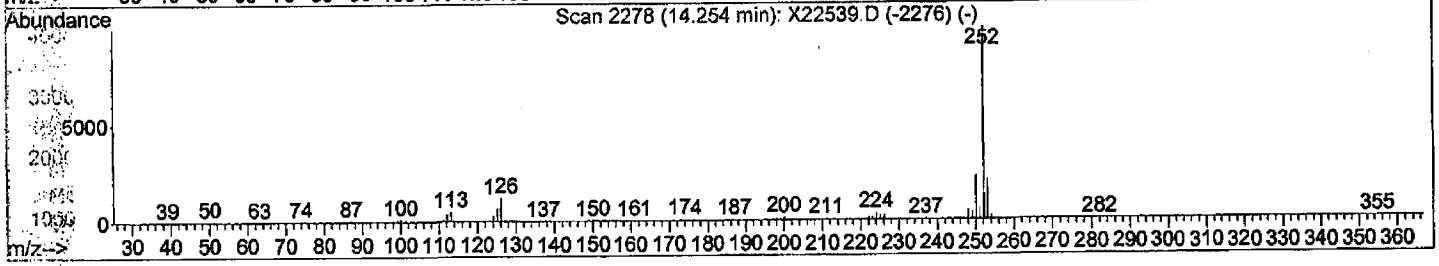
Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 13 16:05:37 2008
Response via : Multiple Level Calibration



AD 6.16.08





TIC: X25759.D

(80) C770 Benzo[k]fluoranthene (TC)

14.42min (-0.021) 168.04ng m

response 4509464

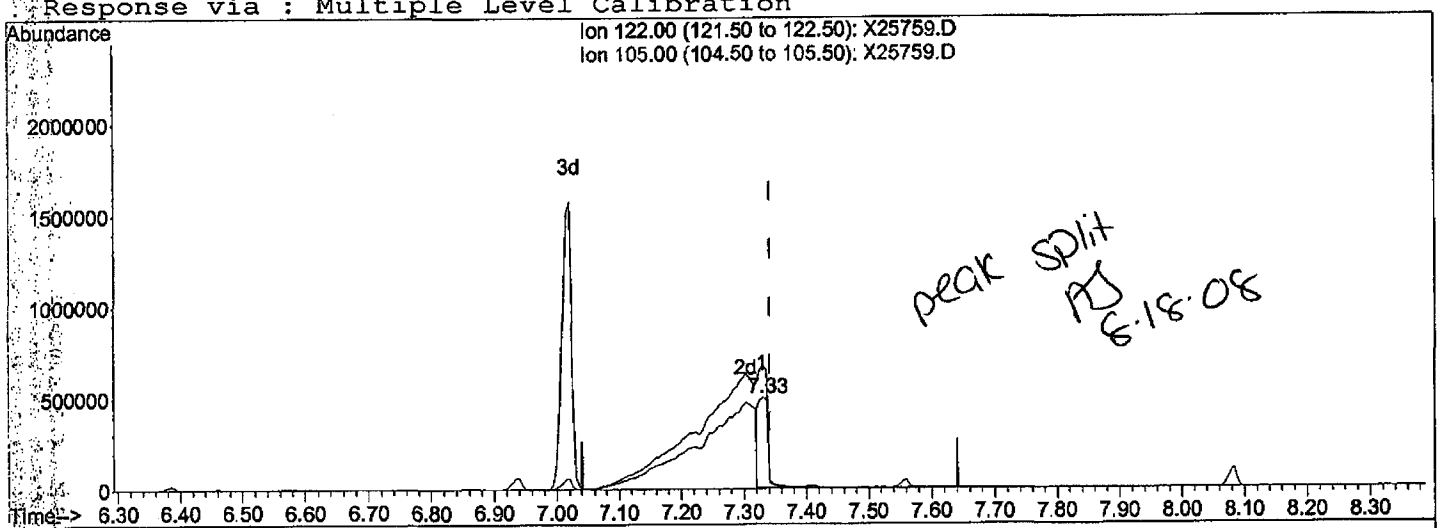
Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.09
125.00	11.50	12.09
0.00	0.00	0.00

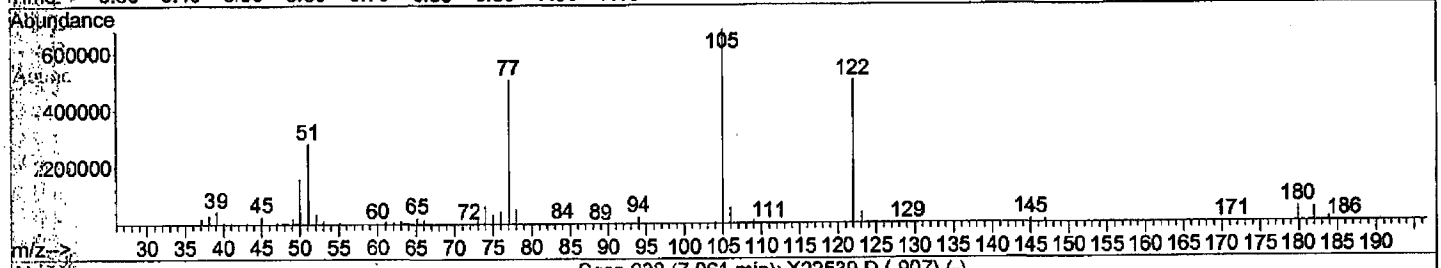
Quantitation Report (Qedit)

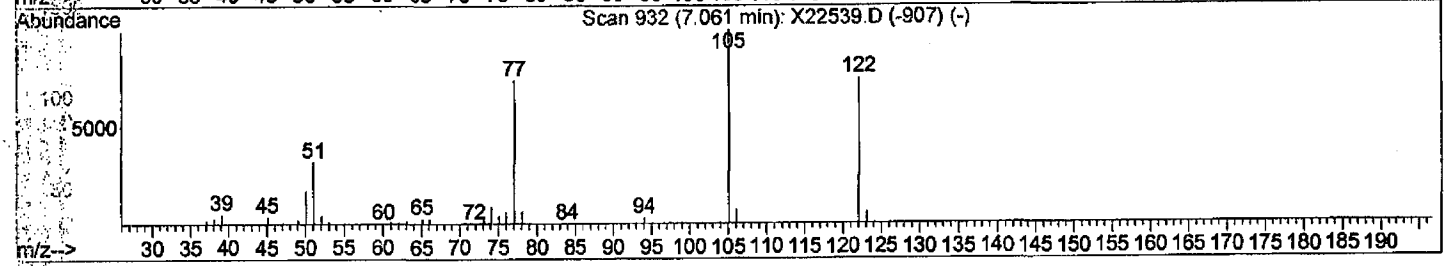
Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:27:09 2008

Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:30:57 2008
Response via : Multiple Level Calibration







TIC: X25759.D

(24) C430 benzoic acid (T)

7.33min (-0.011) 117.01ng

response 493332

Ion	Exp%	Act%
122.00	100	100
105.00	175.00	178.55
0.00	0.00	0.00
0.00	0.00	0.00

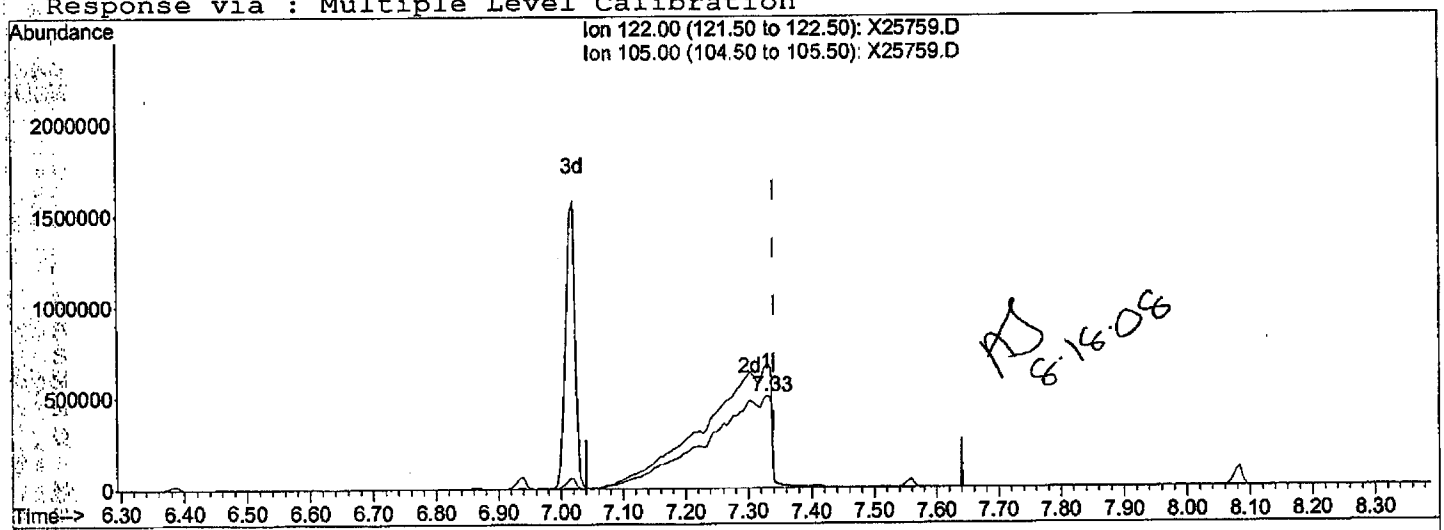
8/18/08

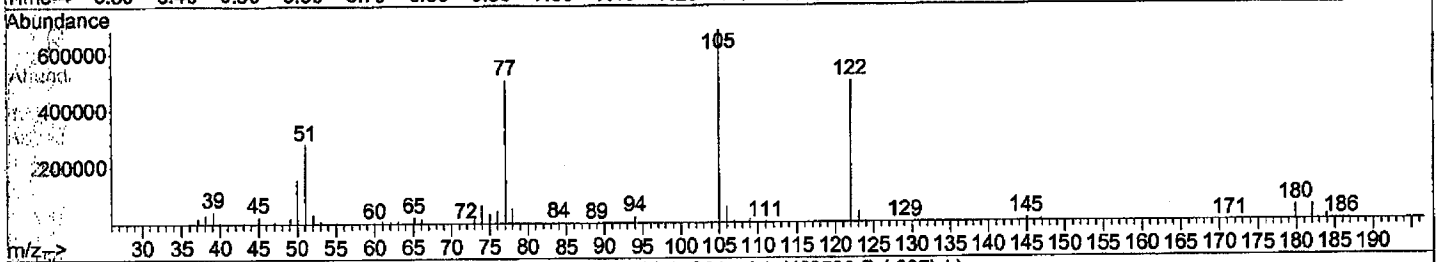
Quantitation Report (Qedit)

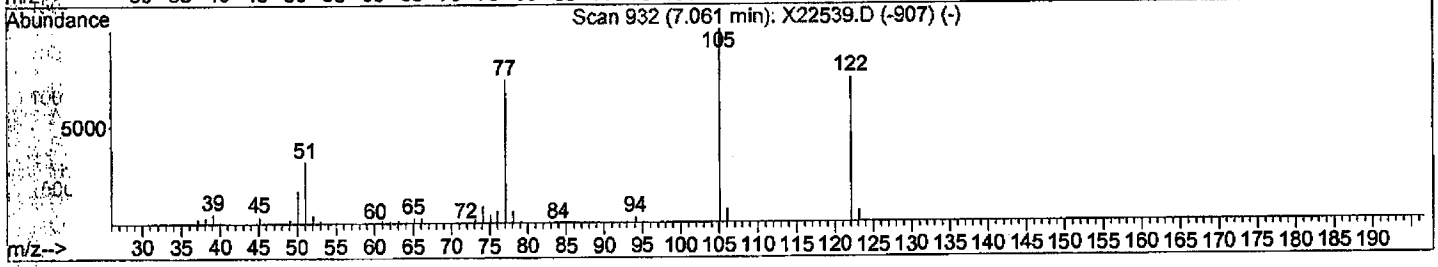
Data File : D:\DATA\081608\X25759.D
Acq On : 16 Aug 2008 12:48
Sample : SSTD160
Misc : 8270(06/24/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:27:09 2008

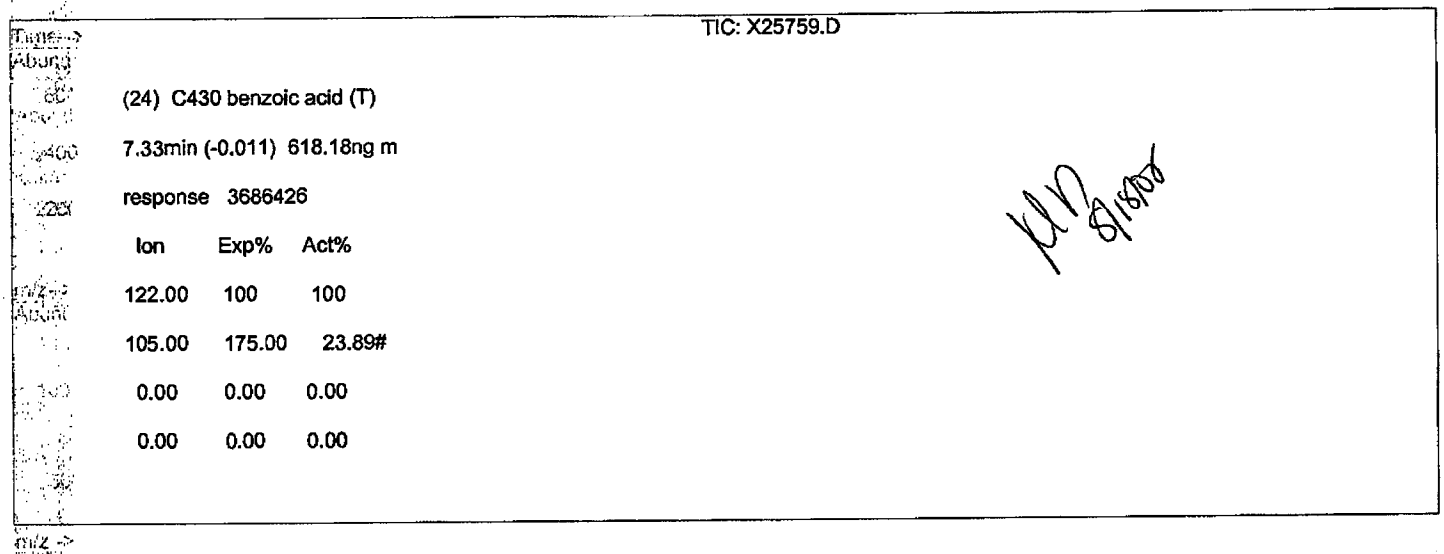
Vial: 13
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:30:57 2008
Response via : Multiple Level Calibration









(24) C430 benzoic acid (T)

7.33min (-0.011) 618.18ng m

response 3686426

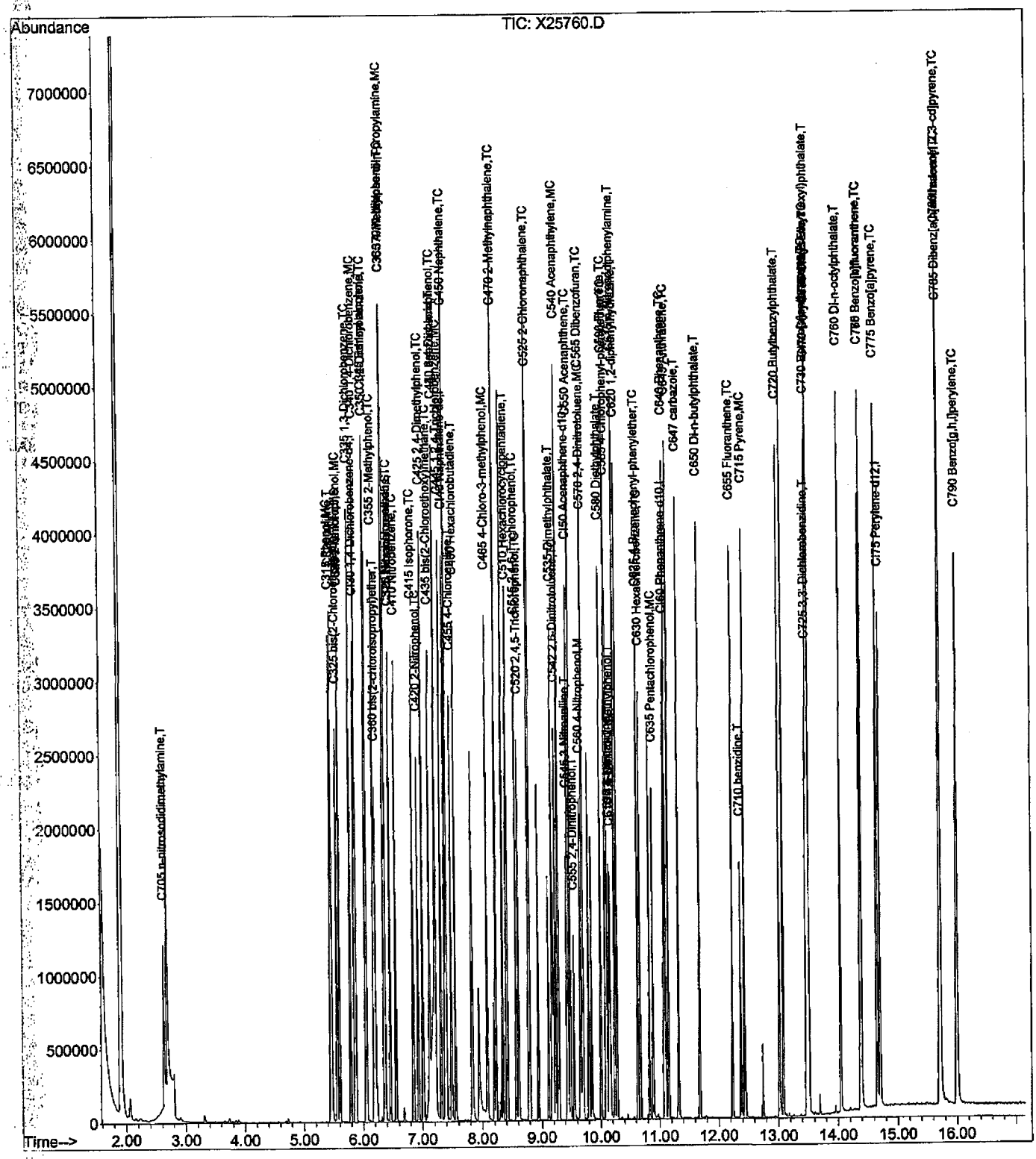
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	23.89#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25760.D
Acq On : 16 Aug 2008 13:11
Sample : SSTD050
Misc : 2ND SRC(06/03/08)
MS Integration Params: rteint.p

Vial: 14
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 18 08:36:06 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:35:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25760.D
Acq On : 16 Aug 2008 13:11
Sample : SSTD050
Misc : 2ND SRC(06/03/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:36:06 2008

Vial: 14
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:35:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	506704	40.00	ng	0.00 149.42%
20) CI40 Naphthalene-d8	7.38	136	1633071	40.00	ng	0.00 140.30%
35) CI50 Acenaphthene-d10	9.45	164	739764	40.00	ng	0.00 138.98%
56) CI60 Phenanthrene-d10	11.08	188	900872	40.00	ng	0.00 100.41%
68) CI70 Chrysene-d12	13.50	240	803034	40.00	ng	0.00 72.95%
78) CI75 Perylene-d12	14.71	264	1109307	40.00	ng	-0.01 78.37%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount 150.000	Range 21 - 110		Recovery =	0.00%#		
5) CS45 Phenol-d5	5.60	99	47361	2.00	ng	0.15
Spiked Amount 150.000	Range 10 - 110		Recovery =	1.33%#		
6) CS70 2-chlorophenol-d4	5.60	132	1831	0.10	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.07%#		
12) CS75 1,2-dichlorobenzene-d	6.06	152	212	0.02	ng	0.02
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.02%#		
21) CS20 Nitrobenzene-d5	6.46	82	77527	4.56	ng	-0.08
Spiked Amount 100.000	Range 34 - 114		Recovery =	4.56%#		
39) CS25 2-Fluorobiphenyl	8.67	172	707	0.03	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	0.03%#		
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount 150.000	Range 10 - 123		Recovery =	0.00%#		
71) CS30 Terphenyl-d14	12.58	244	411	0.02	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	0.02%#		
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.63	74	550742	47.96	ng	82
4) C325 bis(2-Chloroethyl)eth	5.56	93	858436	45.48	ng #	74
7) C315 Phenol	5.45	94	1187465	45.95	ng	87
8) C330 2-Chlorophenol	5.60	128	883200	45.37	ng	92
9) C320 aniline	5.47	93	1320727	47.32	ng	84
10) C335 1,3-Dichlorobenzene	5.79	146	1028331	48.14	ng	99
11) C340 1,4-Dichlorobenzene	5.88	146	1030242	48.00	ng	99
13) C350 1,2-Dichlorobenzene	6.06	146	937673	48.69	ng	97
14) C345 Benzyl alcohol	6.05	108	567492	46.89	ng #	81
15) C360 bis(2-chloroisopropyl	6.21	45	1474838	45.52	ng	98
16) C355 2-Methylphenol	6.18	108	778266	46.82	ng	95
17) C375 Hexachloroethane	6.46	117	395378	49.79	ng	94
18) C370 N-Nitroso-di-n-propyl	6.37	70	600688	46.60	ng #	73
19) C365 4-Methylphenol	6.37	108	788491	45.75	ng	89
22) C410 Nitrobenzene	6.56	77	914140	50.64	ng	89
23) C415 Isophorone	6.85	82	1493873	48.55	ng	91
24) C430 benzoic acid	7.23	122	1006427	116.70	ng #	72
25) C420 2-Nitrophenol	6.93	139	440812	53.90	ng	88
26) C425 2,4-Dimethylphenol	7.01	107	814401	50.60	ng	99
27) C435 bis(2-Chloroethoxy)me	7.13	93	915445	48.96	ng	95
28) C440 2,4-Dichlorophenol	7.22	162	608341	48.92	ng	97

Quantitation Report (Not Reviewed)

Data File : D:\DATA\081608\X25760.D
Acq On : 16 Aug 2008 13:11
Sample : SSTD050
Misc : 2ND SRC(06/03/08)
MS Integration Params: rteint.p
Quant Time: Aug 18 08:36:06 2008

Vial: 14
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Aug 18 08:35:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25685.D (13 Aug 2008 13:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	643320	52.34	ng		90
30) C450 Naphthalene	7.41	128	2493221	54.85	ng		98
31) C455 4-Chloroaniline	7.49	127	834698	44.82	ng		96
32) C460 Hexachlorobutadiene	7.55	225	346405	52.87	ng		96
33) C465 4-Chloro-3-methylphen	8.08	107	644349	48.22	ng		100
34) C470 2-Methylnaphthalene	8.23	142	1604560	56.33	ng		100
36) C510 Hexachlorocyclopentad	8.41	237	344996	54.54	ng		96
37) C515 2,4,6-Trichlorophenol	8.57	196	359126	53.72	ng		95
38) C520 2,4,5-Trichlorophenol	8.61	196	365928	51.75	ng		95
40) C525 2-Chloronaphthalene	8.80	162	1301983	55.10	ng		96
41) C530 2-Nitroaniline	10.15	65	378371	42.14	ng		89
42) C540 Acenaphthylene	9.29	152	2040890	54.00	ng		99
43) C535 Dimethylphthalate	9.18	163	1253081	48.35	ng		98
44) C542 2,6-Dinitrotoluene	9.24	165	296567	50.69	ng		95
45) C550 Acenaphthene	9.49	153	1102237	48.69	ng		99
46) C545 3-Nitroaniline	9.44	138	268241	41.04	ng		93
47) C555 2,4-Dinitrophenol	9.55	184	142820	46.22	ng	#	61
48) C565 Dibenzofuran	9.70	168	1590732	49.88	ng		91
49) C570 2,4-Dinitrotoluene	9.71	165	387703	48.88	ng	#	69
50) C560 4-Nitrophenol	9.66	109	167345	41.84	ng	#	63
51) C590 Fluorene	10.09	166	1358860	52.78	ng		98
52) C585 4-Chlorophenyl-phenyl	10.10	204	564603	52.33	ng	#	80
53) C580 Diethylphthalate	10.00	149	1208170	47.56	ng		97
54) C620 1,2-diphenylhydrazine	10.28	77	1436061	50.49	ng		86
55) C595 4-Nitroaniline	10.15	138	286739	42.31	ng		96
57) C610 4,6-Dinitro-2-methylp	10.17	198	193258	66.08	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	1083932	80.54	ng		95
60) C625 4-Bromophenyl-phenyle	10.63	248	295532	66.76	ng	#	78
61) C630 Hexachlorobenzene	10.68	284	317248	65.09	ng		81
62) C635 Pentachlorophenol	10.89	266	207923	71.61	ng		98
63) C640 Phenanthrene	11.10	178	1531934	61.39	ng		99
64) C645 Anthracene	11.16	178	1518471	60.04	ng		99
65) C647 carbazole	11.33	167	1474725	55.63	ng		97
66) C650 Di-n-butylphthalate	11.68	149	1798563	58.15	ng		99
67) C655 Fluoranthene	12.24	202	1432095	53.44	ng		89
69) C715 Pyrene	12.43	202	1457400	59.08	ng		92
70) C710 benzidine	12.38	184	617994	53.25	ng		100
72) C720 Butylbenzylphthalate	13.02	149	786270	59.15	ng		99
73) C725 3,3'-Dichlorobenzidin	13.47	252	493580	49.09	ng		97
74) C730 Benzo[a]anthracene	13.49	228	1405852	56.63	ng		99
75) C735 Chrysene	13.52	228	1301099	52.92	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1038298	54.94	ng		92
77) C760 Di-n-octylphthalate	14.04	149	1914012	53.83	ng		99
79) C765 Benzo[b]fluoranthene	14.40	252	1720250	46.89	ng		99
80) C770 Benzo[k]fluoranthene	14.40	252	1720250	48.32	ng		99
81) C775 Benzo[a]pyrene	14.66	252	2073838	61.89	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	2540619	52.97	ng		97
83) C785 Dibenz[a,h]anthracene	15.73	278	2214707	54.65	ng		93
84) C790 Benzo[g,h,i]perylene	16.01	276	2457352	57.08	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002196-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V30971.RR Calibration Date: 09/02/2008 Time: 08:47

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1480	2.2253	0.0500	-3.600	20.00
Bis(2-chloroethyl) ether	1.7380	1.7706	0.0500	-1.900	40.00
2-Chlorophenol	1.4280	1.4862	0.0500	-4.100	40.00
2-Methylphenol	1.3550	1.4231	0.0500	-5.000	40.00
2,2'-Oxybis(1-Chloropropane)	3.4450	2.7253	0.0500	20.900	40.00
4-Methylphenol	1.4280	1.5188	0.0500	-6.400	40.00
N-Nitroso-Di-n-propylamine	1.2920	1.3036	0.0500	-0.900	40.00
Hexachloroethane	0.7180	0.6917	0.0500	3.700	40.00
Nitrobenzene	0.5660	0.5386	0.0500	4.800	40.00
Isophorone	0.9280	0.9189	0.0500	1.000	40.00
2-Nitrophenol	0.1830	0.2005	0.0500	-9.600	20.00
2,4-Dimethylphenol	0.4560	0.4599	0.0500	-0.900	40.00
Bis(2-chloroethoxy) methane	0.5480	0.5496	0.0500	-0.300	40.00
2,4-Dichlorophenol	0.3220	0.3268	0.0500	-1.500	20.00
Naphthalene	1.0890	1.1165	0.0500	-2.500	40.00
4-Chloroaniline	0.4460	0.4677	0.0500	-4.900	40.00
Hexachlorobutadiene	0.2750	0.2582	0.0500	6.100	20.00
4-Chloro-3-methylphenol	0.3840	0.3779	0.0500	1.600	20.00
2-Methylnaphthalene	0.7030	0.7244	0.0500	-3.000	40.00
Hexachlorocyclopentadiene	0.4880	0.4547	0.0500	6.800	40.00
2,4,6-Trichlorophenol	0.4060	0.4303	0.0500	-6.000	20.00
2,4,5-Trichlorophenol	0.4440	0.4387	0.0500	1.200	40.00
2-Chloronaphthalene	1.2320	1.2229	0.0500	0.700	40.00
2-Nitroaniline	0.5430	0.4947	0.0500	8.900	40.00
Dimethyl phthalate	1.4390	1.4405	0.0500	-0.100	40.00
Acenaphthylene	2.0260	2.0401	0.0500	-0.700	40.00
2,6-Dinitrotoluene	0.2970	0.3105	0.0500	-4.500	40.00
3-Nitroaniline	0.4080	0.4041	0.0500	1.000	40.00
Acenaphthene	1.2530	1.2548	0.0500	-0.100	20.00
2,4-Dinitrophenol	0.1430	0.1681	0.0500	-17.600	40.00
4-Nitrophenol	0.3060	0.2683	0.0500	12.300	40.00
Dibenzofuran	1.8450	1.8468	0.0500	-0.100	40.00
2,4-Dinitrotoluene	0.4100	0.4250	0.0500	-3.600	40.00
Diethyl phthalate	1.5380	1.5141	0.0500	1.600	40.00
4-Chlorophenyl phenyl ether	0.7890	0.7704	0.0500	2.400	40.00
Fluorene	1.5040	1.4899	0.0500	0.900	40.00
4-Nitroaniline	0.3420	0.3459	0.0500	-1.100	40.00
4,6-Dinitro-2-methylphenol	0.0910	0.1138	0.0500	-25.000	40.00
N-nitrosodiphenylamine	0.4870	0.5038	0.0500	-3.400	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002196-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V30971.RR Calibration Date: 09/02/2008 Time: 08:47

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

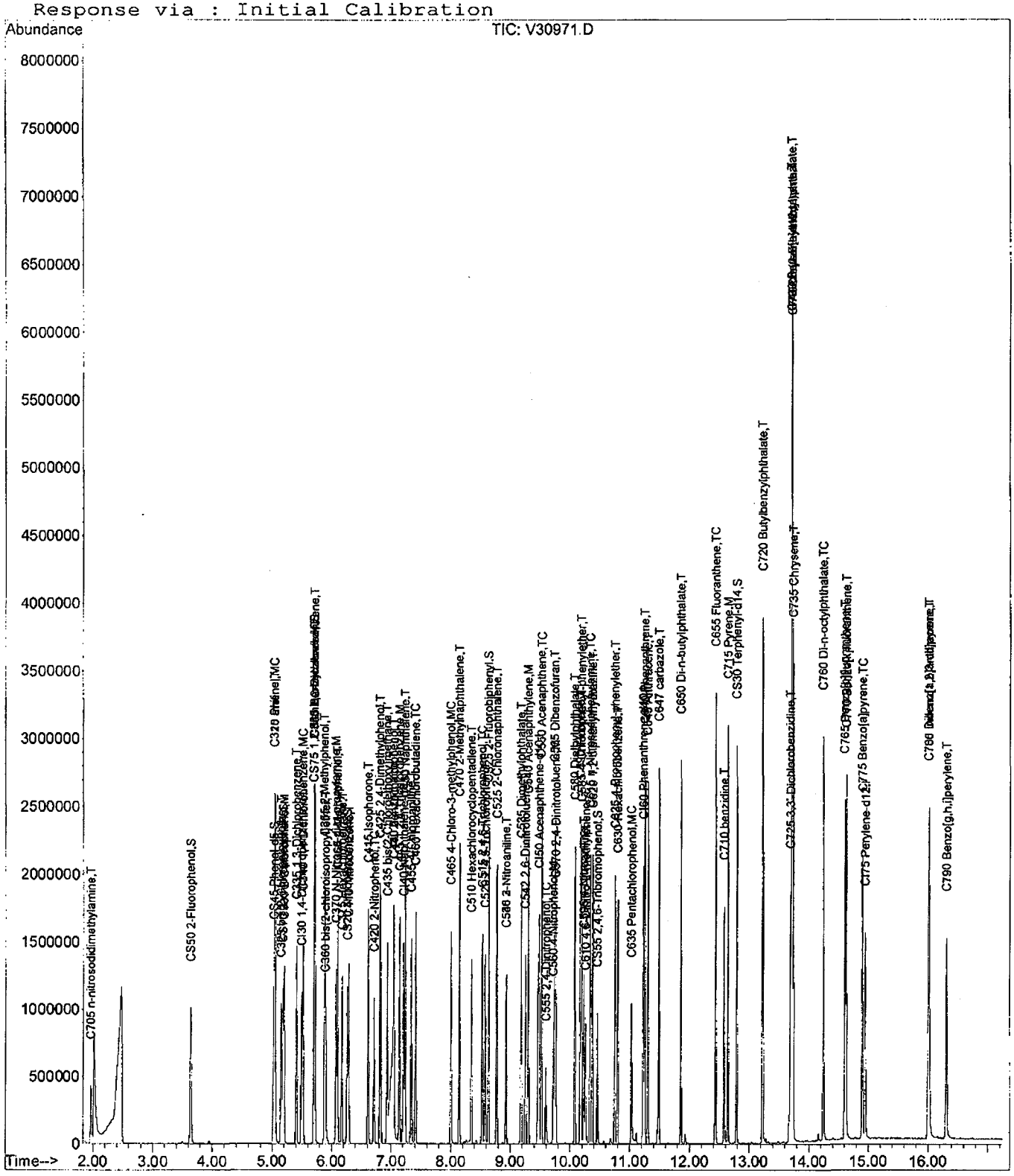
Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1940	0.2016	0.0500	-3.900	40.00
Hexachlorobenzene	0.1990	0.2010	0.0500	-1.000	40.00
Pentachlorophenol	0.0960	0.1052	0.0500	-9.600	20.00
Phenanthrene	0.9850	1.0120	0.0500	-2.700	40.00
Anthracene	1.0210	1.0452	0.0500	-2.400	40.00
Di-n-butyl phthalate	1.1460	1.2031	0.0500	-5.000	40.00
Fluoranthene	1.2580	1.2290	0.0500	2.300	20.00
Pyrene	1.3370	1.4369	0.0500	-7.500	40.00
Butyl benzyl phthalate	0.5740	0.6411	0.0500	-11.700	40.00
3,3'-Dichlorobenzidine	0.4240	0.3985	0.0500	6.000	40.00
Benzo(a)anthracene	1.2470	1.2869	0.0500	-3.200	40.00
Chrysene	1.2230	1.2568	0.0500	-2.800	40.00
Bis(2-ethylhexyl) phthalate	0.7930	0.8747	0.0500	-10.300	40.00
Di-n-octyl phthalate	1.3500	1.5005	0.0500	-11.100	20.00
Benzo(b)fluoranthene	1.4790	1.5528	0.0500	-5.000	40.00
Benzo(k)fluoranthene	1.3670	1.3222	0.0500	3.300	40.00
Benzo(a)pyrene	1.2830	1.2920	0.0500	-0.700	20.00
Indeno(1,2,3-cd)pyrene	1.4590	1.4596	0.0500	0.000	40.00
Dibenzo(a,h)anthracene	1.2380	1.2668	0.0500	-2.300	40.00
Benzo(ghi)perylene	1.2200	1.2741	0.0500	-4.400	40.00
Carbazole	0.9870	1.0250	0.0500	-3.800	100.00
==========	==========	==========	==========	==========	==========
Nitrobenzene-D5	0.5120	0.4802	0.0500	6.200	40.00
2-Fluorobiphenyl	1.5020	1.4766	0.0500	1.700	40.00
p-Terphenyl-d14	0.9060	0.9686	0.0500	-6.900	40.00
Phenol-D5	1.9350	2.0021	0.0500	-3.500	40.00
2-Fluorophenol	1.5070	1.5597	0.0500	-3.500	40.00
2,4,6-Tribromophenol	0.0830	0.0850	0.0500	-2.400	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090208\V30971.D Vial: 2
Acq On : 2 Sep 2008 8:47 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : 8270 A (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 2 9:07 2008 Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Aug 29 09:05:21 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090208\V30971.D Vial: 2
Acq On : 2 Sep 2008 8:47 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : 8270 A (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 02 09:07:27 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Aug 29 09:05:21 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\082808\V30903.D (28 Aug 2008 8:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	188702	40.00	ng	-0.02 97.95%
20) CI40 Naphthalene-d8	7.21	136	694160	40.00	ng	-0.02 99.95%
35) CI50 Acenaphthene-d10	9.48	164	392172	40.00	ng	-0.02 100.31%
56) CI60 Phenanthrene-d10	11.23	188	799054	40.00	ng	-0.02 99.40%
68) CI70 Chrysene-d12	13.72	240	708551	40.00	ng	-0.03 94.41%
78) CI75 Perylene-d12	14.94	264	572266	40.00	ng	-0.04 89.80%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.64	112	367904	51.73	ng	-0.03
Spiked Amount 150.000	Range 21 - 110		Recovery = 34.49%			
5) CS45 Phenol-d5	5.02	99	472260	51.73	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.49%			
6) CS70 2-chlorophenol-d4	5.18	132	338389	51.96	ng	-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.64%			
12) CS75 1,2-dichlorobenzene-d	5.70	152	220478	51.85	ng	-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.85%			
21) CS20 Nitrobenzene-d5	6.26	82	416708	46.87	ng	-0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 46.87%			
39) CS25 2-Fluorobiphenyl	8.64	172	723866	49.17	ng	-0.02
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.17%			
59) CS55 2,4,6-Tribromophenol	10.46	330	84858	51.24	ng	-0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 34.16%			
71) CS30 Terphenyl-d14	12.79	244	857854	53.46	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 53.46%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.96	74	295640	52.42	ng	79
4) C325 bis(2-Chloroethyl)eth	5.15	93	417638	50.93	ng	93
7) C315 Phenol	5.04	94	524897	51.80	ng	# 45
8) C330 2-Chlorophenol	5.20	128	350563	52.03	ng	# 81
9) C320 aniline	5.05	93	668268	53.41	ng	# 26
10) C335 1,3-Dichlorobenzene	5.41	146	381558	51.72	ng	97
11) C340 1,4-Dichlorobenzene	5.52	146	382679	51.87	ng	97
13) C350 1,2-Dichlorobenzene	5.72	146	350060	51.43	ng	98
14) C345 Benzyl alcohol	5.71	108	252950	54.81	ng	# 67
15) C360 bis(2-chloroisopropyl	5.90	45	642842	39.56	ng	94
16) C355 2-Methylphenol	5.88	108	335682	52.51	ng	99
17) C375 Hexachloroethane	6.17	117	163160	48.17	ng	97
18) C370 N-Nitroso-di-n-propyl	6.07	70	307489	50.45	ng	# 70
19) C365 4-Methylphenol	6.10	108	358257	53.18	ng	95
22) C410 Nitrobenzene	6.29	77	467311	47.55	ng	83
23) C415 Isophorone	6.61	82	797350	49.51	ng	91
24) C430 benzoic acid	7.03	122	540258	158.46	ng	# 71
25) C420 2-Nitrophenol	6.71	139	174012	54.82	ng	# 69

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30971.D Vial: 2
Acq On : 2 Sep 2008 8:47 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : 8270 A (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 02 09:07:27 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Aug 29 09:05:21 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.81	107	399020	50.39	ng		85
27)	C435 bis(2-Chloroethoxy)me	6.93	93	476894	50.16	ng		96
28)	C440 2,4-Dichlorophenol	7.04	162	283580	50.78	ng		93
29)	C445 1,2,4-Trichlorobenzen	7.14	180	312974	50.63	ng		98
30)	C450 Naphthalene	7.24	128	968764	51.25	ng		98
31)	C455 4-Chloroaniline	7.34	127	405795	52.46	ng		97
32)	C460 Hexachlorobutadiene	7.41	225	224052	46.91	ng		98
33)	C465 4-Chloro-3-methylphen	8.00	107	327898	49.27	ng	#	77
34)	C470 2-Methylnaphthalene	8.14	142	628585	51.49	ng		96
36)	C510 Hexachlorocyclopentad	8.35	237	222890	46.56	ng		99
37)	C515 2,4,6-Trichlorophenol	8.53	196	210962	53.05	ng		98
38)	C520 2,4,5-Trichlorophenol	8.58	196	215050	49.42	ng		99
40)	C525 2-Chloronaphthalene	8.77	162	599476	49.62	ng		95
41)	C530 2-Nitroaniline	8.93	65	242500	45.59	ng	#	68
42)	C540 Acenaphthylene	9.30	152	1000083	50.34	ng		97
43)	C535 Dimethylphthalate	9.18	163	706146	50.07	ng		97
44)	C542 2,6-Dinitrotoluene	9.26	165	152203	52.20	ng		86
45)	C550 Acenaphthene	9.52	153	615120	50.05	ng		97
46)	C545 3-Nitroaniline	8.93	138	198078	49.58	ng	#	77
47)	C555 2,4-Dinitrophenol	9.60	184	82397	52.46	ng		90
48)	C565 Dibenzofuran	9.75	168	905341	50.05	ng		96
49)	C570 2,4-Dinitrotoluene	9.76	165	208362	51.88	ng		77
50)	C560 4-Nitrophenol	9.72	109	131508	42.05	ng	#	70
51)	C590 Fluorene	10.17	166	730390	49.53	ng		93
52)	C585 4-Chlorophenyl-phenyl	10.19	204	377652	48.80	ng		93
53)	C580 Diethylphthalate	10.08	149	742258	49.21	ng		97
54)	C620 1,2 diphenylhydrazine	10.38	77	864182	46.92	ng		92
55)	C595 4-Nitroaniline	10.23	138	169550	50.62	ng	#	65
57)	C610 4,6-Dinitro-2-methylp	10.25	198	113701	56.80	ng		100
58)	C615 n-Nitrosodiphenylamin	10.33	169	503173	51.74	ng		99
60)	C625 4-Bromophenyl-phenyle	10.75	248	201344	51.99	ng		98
61)	C630 Hexachlorobenzene	10.80	284	200773	50.52	ng		95
62)	C635 Pentachlorophenol	11.03	266	105050	49.84	ng		97
63)	C640 Phenanthrene	11.25	178	1010836	51.36	ng		96
64)	C645 Anthracene	11.31	178	1043978	51.18	ng		96
65)	C647 carbazole	11.49	167	1023821	51.94	ng		98
66)	C650 Di-n-butylphthalate	11.85	149	1201681	52.51	ng		96
67)	C655 Fluoranthene	12.43	202	1227593	48.85	ng		96
69)	C715 Pyrene	12.64	202	1272629	53.75	ng		94
70)	C710 benzidine	12.57	184	659072	61.09	ng		99
72)	C720 Butylbenzylphthalate	13.23	149	567802	55.86	ng		78
73)	C725 3,3'-Dichlorobenzidin	13.69	252	352938	47.03	ng		96
74)	C730 Benzo[a]anthracene	13.71	228	1139751	51.61	ng		97
75)	C735 Chrysene	13.74	228	1113145	51.39	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	774708	55.14	ng		92
77)	C760 Di-n-octylphthalate	14.25	149	1328967	55.58	ng		96
79)	C765 Benzo[b]fluoranthene	14.60	252	1110778	52.51	ng		91
80)	C770 Benzo[k]fluoranthene	14.63	252	945800	48.37	ng		92
81)	C775 Benzo[a]pyrene	14.90	252	924233	50.35	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	16.01	276	1044072	50.04	ng		87
83)	C785 Dibenz[a,h]anthracene	16.02	278	906176	51.18	ng		92
84)	C790 Benzo[g,h,i]perylene	16.31	276	911414	52.23	ng		92

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002196-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V30972.RR Calibration Date: 09/02/2008 Time: 09:11

Intrument ID: HP5973V Init. Calib. Date(s): 07/29/2008 07/29/2008

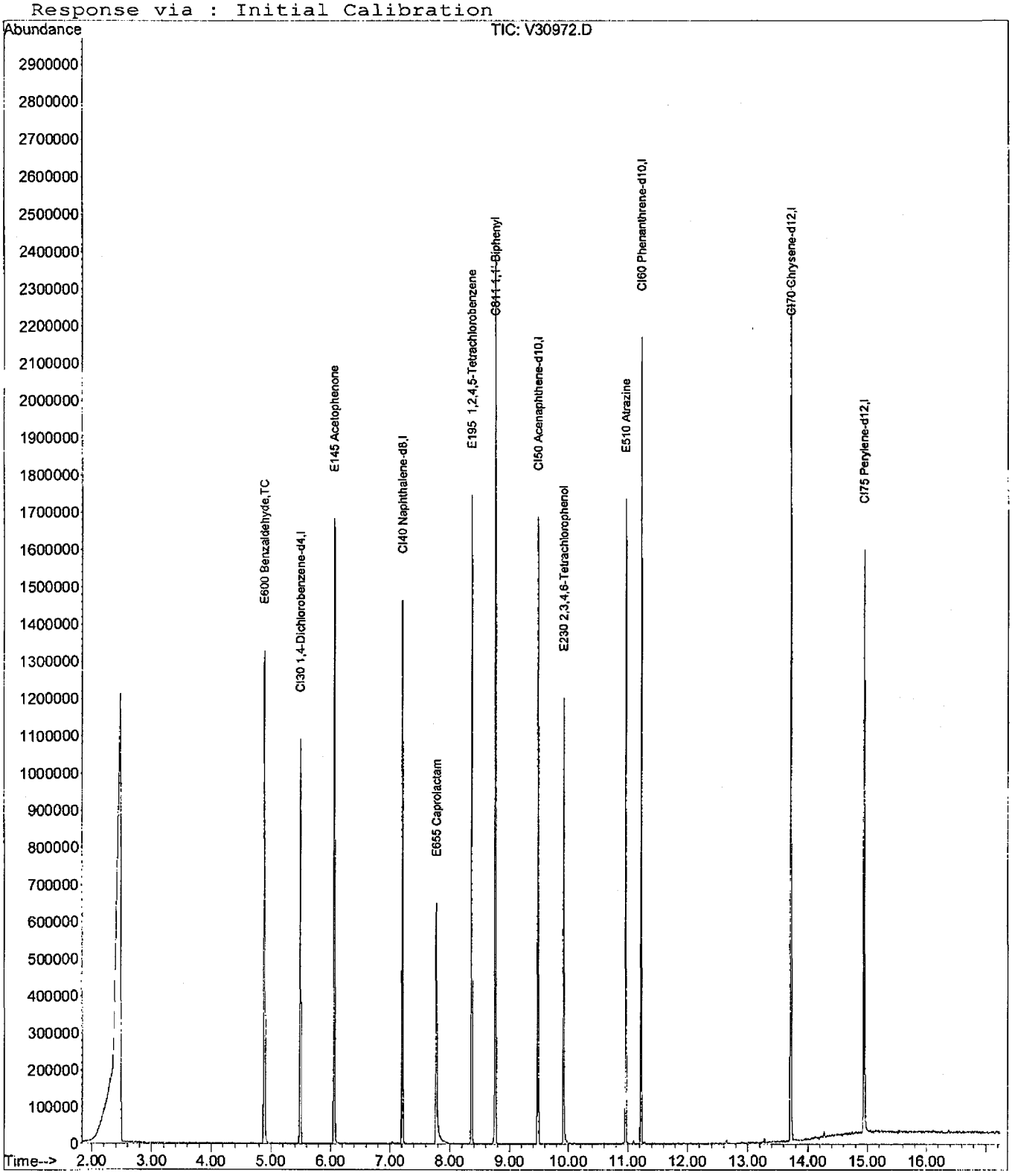
Init. Calib. Times: 09:15 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1130	0.1187	0.0500	-5.000	40.00
Atrazine	0.2260	0.1782	0.0500	21.200	40.00
Acetophenone	2.3340	2.2616	0.0500	3.100	40.00
Biphenyl	1.6430	1.6479	0.0500	-0.300	40.00
Benzaldehyde	1.5090	1.4621	0.0500	3.100	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090208\V30972.D Vial: 2
Acq On : 2 Sep 2008 9:11 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 2 9:57 2008 Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090208\V30972.D
Acq On : 2 Sep 2008 9:11
Sample : SSTD050
Misc : TCLADDS A (08/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 02 09:57:12 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	194149	40.00	ng		-0.09 122.70%
4) CI40 Naphthalene-d8	7.21	136	687458	40.00	ng		-0.07 123.02%
7) CI50 Acenaphthene-d10	9.48	164	389187	40.00	ng		-0.07 120.69%
10) CI60 Phenanthrene-d10	11.23	188	809682	40.00	ng		-0.06 127.70%
12) CI70 Chrysene-d12	13.72	240	739647	40.00	ng		-0.06 108.99%
13) CI75 Perylene-d12	14.94	264	571582	40.00	ng		-0.07 105.24%
Target Compounds							Qvalue
2) E600 Benzaldehyde	4.89	77	354821	48.45	ng		93
3) E145 Acetophenone	6.06	105	548848	48.45	ng		96
5) E655 Caprolactam	7.78	113	102040	48.74	ng	#	78
6) E195 1,2,4,5-Tetrachlorob	8.36	216	313727	48.92	ng		98
8) C811 1,1'-Biphenyl	8.76	154	801678	50.15	ng		95
9) E230 2,3,4,6-Tetrachloroph	9.92	232	161123	58.53	ng		97
11) E510 Atrazine	10.96	200	180359	39.35	ng		97

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002199-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31053.RR Calibration Date: 09/03/2008 Time: 19:38

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1480	2.1452	0.0500	0.100	20.00
Bis(2-chloroethyl) ether	1.7380	1.7655	0.0500	-1.600	40.00
2-Chlorophenol	1.4280	1.5143	0.0500	-6.000	40.00
2-Methylphenol	1.3550	1.4088	0.0500	-4.000	40.00
2,2'-Oxybis(1-Chloropropane)	3.4450	2.7412	0.0500	20.400	40.00
4-Methylphenol	1.4280	1.5114	0.0500	-5.800	40.00
N-Nitroso-Di-n-propylamine	1.2920	1.3094	0.0500	-1.300	40.00
Hexachloroethane	0.7180	0.7027	0.0500	2.100	40.00
Nitrobenzene	0.5660	0.5136	0.0500	9.200	40.00
Isophorone	0.9280	0.9024	0.0500	2.800	40.00
2-Nitrophenol	0.1830	0.2019	0.0500	-10.300	20.00
2,4-Dimethylphenol	0.4560	0.4507	0.0500	1.200	40.00
Bis(2-chloroethoxy) methane	0.5480	0.5346	0.0500	2.400	40.00
2,4-Dichlorophenol	0.3220	0.3215	0.0500	0.200	20.00
Naphthalene	1.0890	1.0735	0.0500	1.400	40.00
4-Chloroaniline	0.4460	0.4616	0.0500	-3.500	40.00
Hexachlorobutadiene	0.2750	0.2530	0.0500	8.000	20.00
4-Chloro-3-methylphenol	0.3840	0.3826	0.0500	0.400	20.00
2-Methylnaphthalene	0.7030	0.7114	0.0500	-1.200	40.00
Hexachlorocyclopentadiene	0.4880	0.4464	0.0500	8.500	40.00
2,4,6-Trichlorophenol	0.4060	0.4129	0.0500	-1.700	20.00
2,4,5-Trichlorophenol	0.4440	0.4414	0.0500	0.600	40.00
2-Chloronaphthalene	1.2320	1.2194	0.0500	1.000	40.00
2-Nitroaniline	0.5430	0.5026	0.0500	7.400	40.00
Dimethyl phthalate	1.4390	1.4457	0.0500	-0.500	40.00
Acenaphthylene	2.0260	2.0399	0.0500	-0.700	40.00
2,6-Dinitrotoluene	0.2970	0.3128	0.0500	-5.300	40.00
3-Nitroaniline	0.4080	0.4186	0.0500	-2.600	40.00
Acenaphthene	1.2530	1.2348	0.0500	1.400	20.00
2,4-Dinitrophenol	0.1430	0.1769	0.0500	-23.700	40.00
4-Nitrophenol	0.3060	0.2709	0.0500	11.500	40.00
Dibenzofuran	1.8450	1.8413	0.0500	0.200	40.00
2,4-Dinitrotoluene	0.4100	0.4434	0.0500	-8.100	40.00
Diethyl phthalate	1.5380	1.5817	0.0500	-2.800	40.00
4-Chlorophenyl phenyl ether	0.7890	0.7754	0.0500	1.700	40.00
Fluorene	1.5040	1.5054	0.0500	-0.100	40.00
4-Nitroaniline	0.3420	0.3585	0.0500	-4.800	40.00
4,6-Dinitro-2-methylphenol	0.0910	0.1122	0.0500	-23.300	40.00
N-nitrosodiphenylamine	0.4870	0.4938	0.0500	-1.400	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002199-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31053.RR Calibration Date: 09/03/2008 Time: 19:38

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

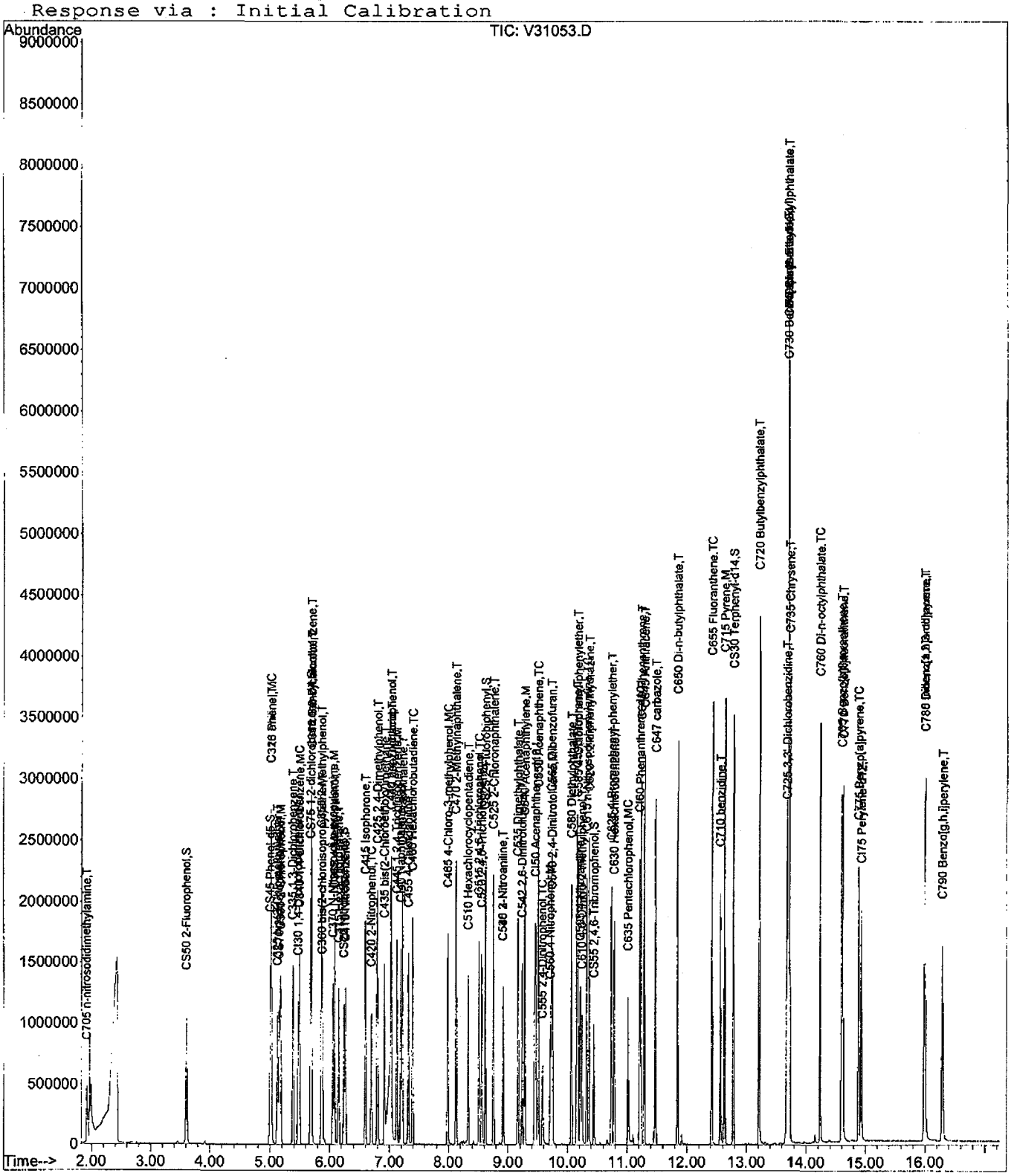
Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1940	0.1982	0.0500	-2.200	40.00
Hexachlorobenzene	0.1990	0.2020	0.0500	-1.500	40.00
Pentachlorophenol	0.0960	0.1011	0.0500	-5.300	20.00
Phenanthrene	0.9850	0.9992	0.0500	-1.400	40.00
Anthracene	1.0210	1.0413	0.0500	-2.000	40.00
Di-n-butyl phthalate	1.1460	1.2407	0.0500	-8.300	40.00
Fluoranthene	1.2580	1.2371	0.0500	1.700	20.00
Pyrene	1.3370	1.3769	0.0500	-3.000	40.00
Butyl benzyl phthalate	0.5740	0.6351	0.0500	-10.600	40.00
3,3'-Dichlorobenzidine	0.4240	0.4219	0.0500	0.500	40.00
Benzo(a)anthracene	1.2470	1.2474	0.0500	0.000	40.00
Chrysene	1.2230	1.2064	0.0500	1.400	40.00
Bis(2-ethylhexyl) phthalate	0.7930	0.8824	0.0500	-11.300	40.00
Di-n-octyl phthalate	1.3500	1.4712	0.0500	-9.000	20.00
Benzo(b)fluoranthene	1.4790	1.4135	0.0500	4.400	40.00
Benzo(k)fluoranthene	1.3670	1.4846	0.0500	-8.600	40.00
Benzo(a)pyrene	1.2830	1.3165	0.0500	-2.600	20.00
Indeno(1,2,3-cd)pyrene	1.4590	1.5163	0.0500	-3.900	40.00
Dibenzo(a,h)anthracene	1.2380	1.2849	0.0500	-3.800	40.00
Benzo(ghi)perylene	1.2200	1.2925	0.0500	-5.900	40.00
Carbazole	0.9870	1.0173	0.0500	-3.100	100.00
==========	==========	==========	==========	==========	==========
Nitrobenzene-D5	0.5120	0.4784	0.0500	6.600	40.00
2-Fluorobiphenyl	1.5020	1.4567	0.0500	3.000	40.00
p-Terphenyl-d14	0.9060	0.9360	0.0500	-3.300	40.00
Phenol-D5	1.9350	1.9558	0.0500	-1.100	40.00
2-Fluorophenol	1.5070	1.5128	0.0500	-0.400	40.00
2,4,6-Tribromophenol	0.0830	0.0795	0.0500	4.200	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31053.D Vial: 2
Acq On : 3 Sep 2008 19:38 Operator: JLG
Sample : SSTD050 Inst : HP5973V
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 20:07 2008 Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31053.D Vial: 2
Acq On : 3 Sep 2008 19:38 Operator: JLG
Sample : SSTD050 Inst : HP5973V
Misc : 8270 (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 20:07:25 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

QIC 3409/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	194134	40.00	ng		-0.03 102.88%
20) CI40 Naphthalene-d8	7.19	136	726611	40.00	ng		-0.02 104.67%
35) CI50 Acenaphthene-d10	9.47	164	411392	40.00	ng		-0.01 104.90%
56) CI60 Phenanthrene-d10	11.21	188	872562	40.00	ng		-0.02 109.20%
68) CI70 Chrysene-d12	13.71	240	815338	40.00	ng		-0.01 115.07%
78) CI75 Perylene-d12	14.93	264	619495	40.00	ng		-0.01 108.25%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	3.61	112	367113	50.18	ng		-0.03
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.45%				
5) CS45 Phenol-d5	5.00	99	474610	50.53	ng		-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 33.69%				
6) CS70 2-chlorophenol-d4	5.16	132	345248	51.53	ng		-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.35%				
12) CS75 1,2-dichlorobenzene-d	5.68	152	223619	51.12	ng		-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.12%				
21) CS20 Nitrobenzene-d5	6.24	82	434554	46.69	ng		-0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 46.69%				
39) CS25 2-Fluorobiphenyl	8.62	172	749072	48.51	ng		-0.02
Spiked Amount 100.000	Range 43 - 116		Recovery = 48.51%				
59) CS55 2,4,6-Tribromophenol	10.45	330	86740	47.96	ng		-0.01
Spiked Amount 150.000	Range 10 - 123		Recovery = 31.97%				
71) CS30 Terphenyl-d14	12.78	244	953935	51.66	ng		-0.01
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.66%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	1.92	74	290012	49.99	ng		84
4) C325 bis(2-Chloroethyl)eth	5.13	93	428429	50.78	ng		91
7) C315 Phenol	5.02	94	520579	49.93	ng	#	44
8) C330 2-Chlorophenol	5.18	128	367467	53.01	ng		85
9) C320 aniline	5.02	93	670014	52.05	ng	#	27
10) C335 1,3-Dichlorobenzene	5.39	146	393493	51.84	ng		96
11) C340 1,4-Dichlorobenzene	5.49	146	391206	51.54	ng		98
13) C350 1,2-Dichlorobenzene	5.70	146	360007	51.41	ng		98
14) C345 Benzyl alcohol	5.69	108	259254	54.61	ng	#	66
15) C360 bis(2-chloroisopropyl	5.88	45	665194	39.79	ng		96
16) C355 2-Methylphenol	5.86	108	341859	51.98	ng		99
17) C375 Hexachloroethane	6.15	117	170511	48.93	ng		99
18) C370 N-Nitroso-di-n-propyl	6.06	70	317739	50.68	ng	#	70
19) C365 4-Methylphenol	6.08	108	366773	52.92	ng		93
22) C410 Nitrobenzene	6.26	77	466506	45.35	ng		85
23) C415 Isophorone	6.59	82	819635	48.63	ng		92
24) C430 benzoic acid	7.03	122	558691	157.07	ng	#	68
25) C420 2-Nitrophenol	6.70	139	183383	55.19	ng	#	73

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31053.D
Acq On : 3 Sep 2008 19:38
Sample : SSTD050
Misc : 8270 (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 03 20:07:25 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.79	107	409314	49.38	ng		86
27)	C435 bis(2-Chloroethoxy)me	6.92	93	485580	48.80	ng		95
28)	C440 2,4-Dichlorophenol	7.03	162	291997	49.95	ng		92
29)	C445 1,2,4-Trichlorobenzen	7.12	180	318157	49.17	ng		98
30)	C450 Naphthalene	7.22	128	975023	49.27	ng		99
31)	C455 4-Chloroaniline	7.32	127	419258	51.78	ng		99
32)	C460 Hexachlorobutadiene	7.39	225	229798	45.97	ng		93
33)	C465 4-Chloro-3-methylphen	7.99	107	347528	49.89	ng	#	77
34)	C470 2-Methylnaphthalene	8.13	142	646163	50.56	ng		99
36)	C510 Hexachlorocyclopentad	8.33	237	229547	45.71	ng		99
37)	C515 2,4,6-Trichlorophenol	8.51	196	212336	50.90	ng		95
38)	C520 2,4,5-Trichlorophenol	8.56	196	226960	49.72	ng		95
40)	C525 2-Chloronaphthalene	8.76	162	627052	49.47	ng		95
41)	C530 2-Nitroaniline	8.91	65	258472	46.32	ng	#	69
42)	C540 Acenaphthylene	9.28	152	1048998	50.34	ng		97
43)	C535 Dimethylphthalate	9.16	163	743427	50.25	ng		96
44)	C542 2,6-Dinitrotoluene	9.24	165	160860	52.60	ng	#	77
45)	C550 Acenaphthene	9.51	153	634981	49.25	ng		98
46)	C545 3-Nitroaniline	8.92	138	215264	51.36	ng	#	76
47)	C555 2,4-Dinitrophenol	9.58	184	90990	54.55	ng		96
48)	C565 Dibenzofuran	9.73	168	946845	49.90	ng		97
49)	C570 2,4-Dinitrotoluene	9.75	165	228000	54.12	ng	#	71
50)	C560 4-Nitrophenol	9.71	109	139311	42.41	ng	#	75
51)	C590 Fluorene	10.16	166	774149	50.05	ng		92
52)	C585 4-Chlorophenyl-phenyl	10.17	204	398719	49.11	ng		94
53)	C580 Diethylphthalate	10.07	149	813375	51.41	ng		96
54)	C620 1,2 diphenylhydrazine	10.36	77	916791	47.45	ng		92
55)	C595 4-Nitroaniline	10.22	138	184338	52.47	ng	#	71
57)	C610 4,6-Dinitro-2-methylp	10.24	198	122416	56.12	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	538554	50.71	ng		99
60)	C625 4-Bromophenyl-phenyle	10.74	248	216225	51.13	ng		97
61)	C630 Hexachlorobenzene	10.79	284	220364	50.78	ng		91
62)	C635 Pentachlorophenol	11.02	266	110263	48.26	ng		98
63)	C640 Phenanthrene	11.24	178	1089838	50.71	ng		97
64)	C645 Anthracene	11.29	178	1135702	50.98	ng		96
65)	C647 carbazole	11.48	167	1109622	51.55	ng		97
66)	C650 Di-n-butylphthalate	11.84	149	1353289	54.15	ng		96
67)	C655 Fluoranthene	12.42	202	1349324	49.17	ng		93
69)	C715 Pyrene	12.63	202	1403252	51.51	ng		93
70)	C710 benzidine	12.56	184	726340	58.51	ng		98
72)	C720 Butylbenzylphthalate	13.22	149	647327	55.34	ng	#	76
73)	C725 3,3'-Dichlorobenzidin	13.68	252	429976	49.80	ng		97
74)	C730 Benzo[a]anthracene	13.69	228	1271332	50.02	ng		97
75)	C735 Chrysene	13.73	228	1229517	49.33	ng		98
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	899280	55.63	ng		92
77)	C760 Di-n-octylphthalate	14.23	149	1499429	54.49	ng		96
79)	C765 Benzo[b]fluoranthene	14.59	252	1094571	47.80	ng		90
80)	C770 Benzo[k]fluoranthene	14.62	252	1149608	54.31	ng		91
81)	C775 Benzo[a]pyrene	14.89	252	1019434	51.30	ng		96
82)	C780 Indeno[1,2,3-cd]pyren	15.99	276	1174200	51.98	ng		87
83)	C785 Dibenz[a,h]anthracene	16.00	278	994972	51.91	ng		94
84)	C790 Benzo[g,h,i]perylene	16.30	276	1000878	52.98	ng		91

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002199-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31054.RR Calibration Date: 09/03/2008 Time: 20:01

Intrument ID: HP5973V Init. Calib. Date(s): 07/29/2008 07/29/2008

Init. Calib. Times: 09:15 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1130	0.1215	0.0500	-7.500	40.00
Atrazine	0.2260	0.1897	0.0500	16.100	40.00
Acetophenone	2.3340	2.2673	0.0500	2.800	40.00
Biphenyl	1.6430	1.6704	0.0500	-1.700	40.00
Benzaldehyde	1.5090	1.4564	0.0500	3.500	40.00

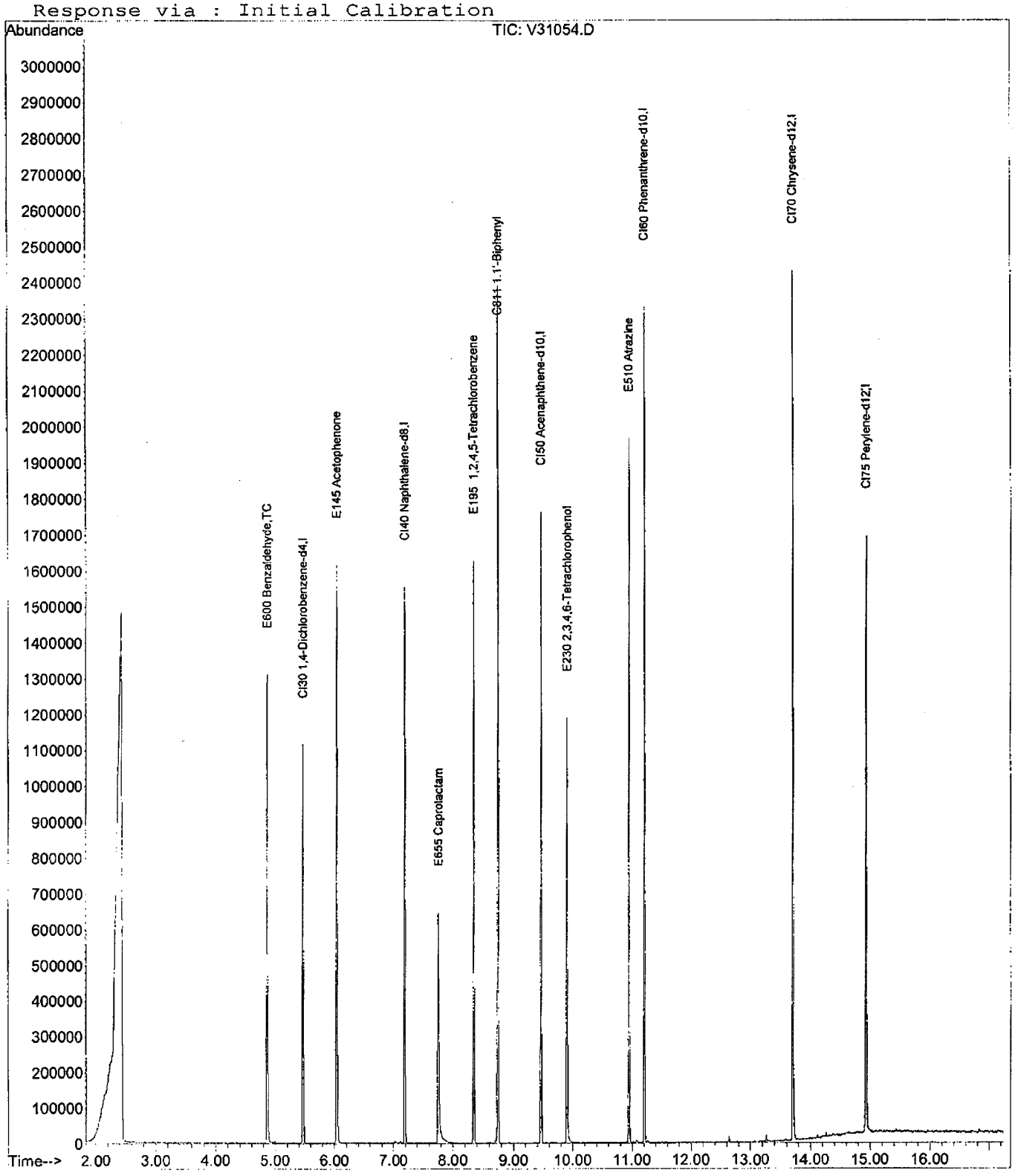
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31054.D
Acq On : 3 Sep 2008 20:01
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 3 20:20 2008

Vial: 3
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31054.D Vial: 3
Acq On : 3 Sep 2008 20:01 Operator: JLG
Sample : SSTD050 Inst : HP5973V
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 03 20:20:17 2008 Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

(GK) JW 9/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	186990	40.00	ng	-0.12 118.17%
4) CI40 Naphthalene-d8	7.19	136	668680	40.00	ng	-0.10 119.66%
7) CI50 Acenaphthene-d10	9.46	164	383931	40.00	ng	-0.08 119.06%
10) CI60 Phenanthrene-d10	11.21	188	836685	40.00	ng	-0.07 131.96%
12) CI70 Chrysene-d12	13.71	240	830032	40.00	ng	-0.07 122.31%
13) CI75 Perylene-d12	14.93	264	610968	40.00	ng	-0.08 112.49%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.86	77	340425	48.26	ng	92
3) E145 Acetophenone	6.04	105	529945	48.57	ng	95
5) E655 Caprolactam	7.76	113	101528	49.79	ng	# 77
6) E195 1,2,4,5-Tetrachlorob	8.35	216	308742	49.49	ng	97
8) C811 1,1'-Biphenyl	8.74	154	801631	50.84	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.90	232	161563	59.49	ng	96
11) E510 Atrazine	10.95	200	198420	41.89	ng	93

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002212-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31085.RR Calibration Date: 09/04/2008 Time: 09:34

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1480	2.2115	0.0500	-3.000	20.00
Bis(2-chloroethyl) ether	1.7380	1.7570	0.0500	-1.100	40.00
2-Chlorophenol	1.4280	1.5135	0.0500	-6.000	40.00
2-Methylphenol	1.3550	1.4408	0.0500	-6.300	40.00
2,2'-Oxybis(1-Chloropropane)	3.4450	2.6909	0.0500	21.900	40.00
4-Methylphenol	1.4280	1.5691	0.0500	-9.900	40.00
N-Nitroso-Di-n-propylamine	1.2920	1.3673	0.0500	-5.800	40.00
Hexachloroethane	0.7180	0.7426	0.0500	-3.400	40.00
Nitrobenzene	0.5660	0.5744	0.0500	-1.500	40.00
Isophorone	0.9280	0.9661	0.0500	-4.100	40.00
2-Nitrophenol	0.1830	0.2077	0.0500	-13.500	20.00
2,4-Dimethylphenol	0.4560	0.4874	0.0500	-6.900	40.00
Bis(2-chloroethoxy) methane	0.5480	0.5472	0.0500	0.100	40.00
2,4-Dichlorophenol	0.3220	0.3348	0.0500	-4.000	20.00
Naphthalene	1.0890	1.1191	0.0500	-2.800	40.00
4-Chloroaniline	0.4460	0.4695	0.0500	-5.300	40.00
Hexachlorobutadiene	0.2750	0.2809	0.0500	-2.100	20.00
4-Chloro-3-methylphenol	0.3840	0.4181	0.0500	-8.900	20.00
2-Methylnaphthalene	0.7030	0.7397	0.0500	-5.200	40.00
Hexachlorocyclopentadiene	0.4880	0.4494	0.0500	7.900	40.00
2,4,6-Trichlorophenol	0.4060	0.4354	0.0500	-7.200	20.00
2,4,5-Trichlorophenol	0.4440	0.4658	0.0500	-4.900	40.00
2-Chloronaphthalene	1.2320	1.2140	0.0500	1.500	40.00
2-Nitroaniline	0.5430	0.5549	0.0500	-2.200	40.00
Dimethyl phthalate	1.4390	1.4743	0.0500	-2.400	40.00
Acenaphthylene	2.0260	2.0683	0.0500	-2.100	40.00
2,6-Dinitrotoluene	0.2970	0.3182	0.0500	-7.100	40.00
3-Nitroaniline	0.4080	0.4240	0.0500	-3.900	40.00
Acenaphthene	1.2530	1.2500	0.0500	0.200	20.00
2,4-Dinitrophenol	0.1430	0.1918	0.0500	-34.100	40.00
4-Nitrophenol	0.3060	0.3319	0.0500	-8.500	40.00
Dibenzofuran	1.8450	1.8862	0.0500	-2.200	40.00
2,4-Dinitrotoluene	0.4100	0.4544	0.0500	-10.800	40.00
Diethyl phthalate	1.5380	1.5952	0.0500	-3.700	40.00
4-Chlorophenyl phenyl ether	0.7890	0.7931	0.0500	-0.500	40.00
Fluorene	1.5040	1.5453	0.0500	-2.700	40.00
4-Nitroaniline	0.3420	0.3661	0.0500	-7.000	40.00
4,6-Dinitro-2-methylphenol	0.0910	0.1265	0.0500	-39.000	40.00
N-nitrosodiphenylamine	0.4870	0.4964	0.0500	-1.900	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002212-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31085.RR Calibration Date: 09/04/2008 Time: 09:34

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

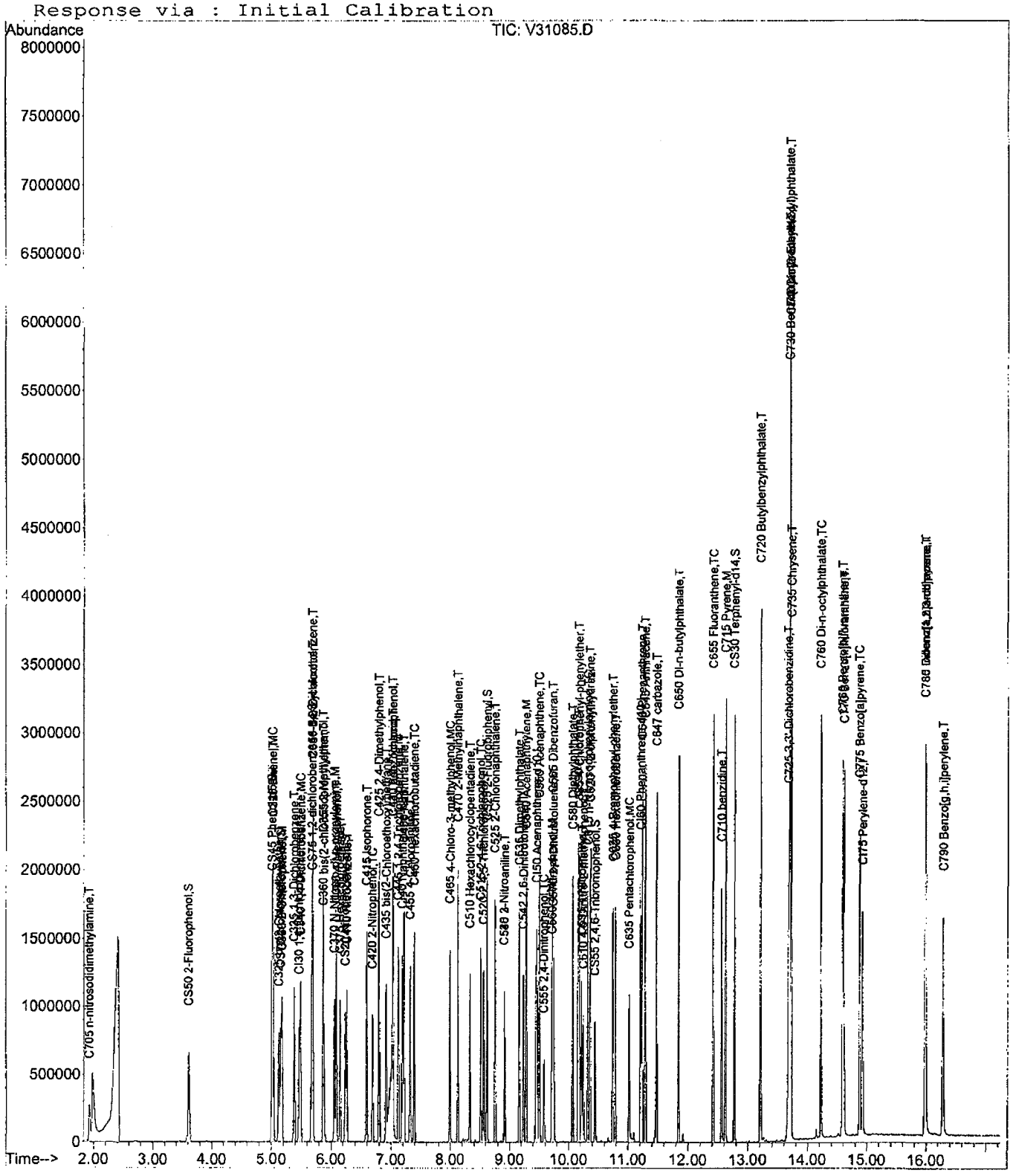
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1940	0.2075	0.0500	-7.000	40.00
Hexachlorobenzene	0.1990	0.2175	0.0500	-9.300	40.00
Pentachlorophenol	0.0960	0.1165	0.0500	-21.400	20.00
Phenanthrene	0.9850	1.0185	0.0500	-3.400	40.00
Anthracene	1.0210	1.0550	0.0500	-3.300	40.00
Di-n-butyl phthalate	1.1460	1.2470	0.0500	-8.800	40.00
Fluoranthene	1.2580	1.3104	0.0500	-4.200	20.00
Pyrene	1.3370	1.3063	0.0500	2.300	40.00
Butyl benzyl phthalate	0.5740	0.6095	0.0500	-6.200	40.00
3,3'-Dichlorobenzidine	0.4240	0.4269	0.0500	-0.700	40.00
Benzo(a)anthracene	1.2470	1.2595	0.0500	-1.000	40.00
Chrysene	1.2230	1.2125	0.0500	0.900	40.00
Bis(2-ethylhexyl) phthalate	0.7930	0.8549	0.0500	-7.800	40.00
Di-n-octyl phthalate	1.3500	1.4505	0.0500	-7.400	20.00
Benzo(b)fluoranthene	1.4790	1.4351	0.0500	3.000	40.00
Benzo(k)fluoranthene	1.3670	1.4463	0.0500	-5.800	40.00
Benzo(a)pyrene	1.2830	1.3119	0.0500	-2.200	20.00
Indeno(1,2,3-cd)pyrene	1.4590	1.5686	0.0500	-7.500	40.00
Dibenzo(a,h)anthracene	1.2380	1.3432	0.0500	-8.500	40.00
Benzo(ghi)perylene	1.2200	1.3398	0.0500	-9.800	40.00
Carbazole	0.9870	1.0534	0.0500	-6.700	100.00
Nitrobenzene-D5	0.5120	0.5135	0.0500	-0.300	40.00
2-Fluorobiphenyl	1.5020	1.4735	0.0500	1.900	40.00
p-Terphenyl-d14	0.9060	0.9215	0.0500	-1.700	40.00
Phenol-D5	1.9350	1.9919	0.0500	-2.900	40.00
2-Fluorophenol	1.5070	1.5047	0.0500	0.200	40.00
2,4,6-Tribromophenol	0.0830	0.0928	0.0500	-11.800	40.00

8.5 % Drift Using Linear Regression

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090408\V31085.D Vial: 2
Acq On : 4 Sep 2008 9:34 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : 8270 A (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 9:52 2008 Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31085.D Vial: 2
Acq On : 4 Sep 2008 9:34 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : 8270 A (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 04 09:52:28 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	152055	40.00	ng		0.00 78.32%
20) CI40 Naphthalene-d8	7.18	136	562907	40.00	ng		0.00 77.47%
35) CI50 Acenaphthene-d10	9.46	164	332358	40.00	ng		-0.01 80.79%
56) CI60 Phenanthrene-d10	11.21	188	710729	40.00	ng		0.00 81.45%
68) CI70 Chrysene-d12	13.70	240	728007	40.00	ng		0.00 89.29%
78) CI75 Perylene-d12	14.92	264	599805	40.00	ng		-0.01 96.82%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	3.61	112	285987	49.91	ng		0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.27%				
5) CS45 Phenol-d5	5.00	99	378604	51.47	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.31%				
6) CS70 2-chlorophenol-d4	5.15	132	272012	51.83	ng		0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.55%				
12) CS75 1,2-dichlorobenzene-d	5.67	152	176509	51.51	ng		0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.51%				
21) CS20 Nitrobenzene-d5	6.23	82	361285	50.11	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 50.11%				
39) CS25 2-Fluorobiphenyl	8.61	172	612151	49.07	ng		0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.07%				
59) CS55 2,4,6-Tribromophenol	10.44	330	82454	55.98	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 37.32%				
71) CS30 Terphenyl-d14	12.77	244	838573	50.86	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 50.86%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	1.93	74	241686	53.19	ng		84
4) C325 bis(2-Chloroethyl)eth	5.12	93	333957	50.54	ng		89
7) C315 Phenol	5.02	94	420336	51.48	ng	#	47
8) C330 2-Chlorophenol	5.17	128	287678	52.98	ng	#	77
9) C320 aniline	5.01	93	543843	53.94	ng	#	16
10) C335 1,3-Dichlorobenzene	5.38	146	305984	51.47	ng		95
11) C340 1,4-Dichlorobenzene	5.49	146	305578	51.40	ng		98
13) C350 1,2-Dichlorobenzene	5.69	146	286012	52.15	ng		97
14) C345 Benzyl alcohol	5.69	108	212249	57.08	ng	#	57
15) C360 bis(2-chloroisopropyl	5.87	45	511465	39.06	ng		90
16) C355 2-Methylphenol	5.86	108	273860	53.17	ng		97
17) C375 Hexachloroethane	6.15	117	141154	51.72	ng		99
18) C370 N-Nitroso-di-n-propyl	6.05	70	259883	52.92	ng	#	68
19) C365 4-Methylphenol	6.08	108	298242	54.94	ng		92
22) C410 Nitrobenzene	6.26	77	404172	50.71	ng		80
23) C415 Isophorone	6.59	82	679789	52.06	ng		91
24) C430 benzoic acid	7.02	122	479081	169.22	ng	#	63
25) C420 2-Nitrophenol	6.69	139	146112	56.76	ng	#	61

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31085.D
Acq On : 4 Sep 2008 9:34
Sample : SSTD050
Misc : 8270 A (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 04 09:52:28 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.79	107	342947	53.40	ng		83
27)	C435 bis(2-Chloroethoxy)me	6.91	93	385002	49.94	ng		94
28)	C440 2,4-Dichlorophenol	7.02	162	235559	52.01	ng		89
29)	C445 1,2,4-Trichlorobenzen	7.11	180	257563	51.38	ng		97
30)	C450 Naphthalene	7.21	128	787417	51.36	ng		99
31)	C455 4-Chloroaniline	7.32	127	330363	52.66	ng		99
32)	C460 Hexachlorobutadiene	7.39	225	197649	51.03	ng		97
33)	C465 4-Chloro-3-methylphen	7.99	107	294156	54.50	ng	#	77
34)	C470 2-Methylnaphthalene	8.12	142	520490	52.58	ng		95
36)	C510 Hexachlorocyclopentad	8.33	237	186683	46.01	ng		99
37)	C515 2,4,6-Trichlorophenol	8.51	196	180875	53.67	ng		91
38)	C520 2,4,5-Trichlorophenol	8.56	196	193508	52.48	ng		95
40)	C525 2-Chloronaphthalene	8.75	162	504359	49.26	ng		93
41)	C530 2-Nitroaniline	8.91	65	230536	51.14	ng	#	63
42)	C540 Acenaphthylene	9.28	152	859280	51.04	ng		97
43)	C535 Dimethylphthalate	9.16	163	612494	51.24	ng		98
44)	C542 2,6-Dinitrotoluene	9.23	165	132178	53.49	ng	#	73
45)	C550 Acenaphthene	9.50	153	519313	49.86	ng		95
46)	C545 3-Nitroaniline	8.91	138	176130	52.02	ng		78
47)	C555 2,4-Dinitrophenol	9.58	184	79672	58.06	ng		84
48)	C565 Dibenzofuran	9.73	168	783633	51.12	ng		91
49)	C570 2,4-Dinitrotoluene	9.74	165	188762	55.46	ng	#	69
50)	C560 4-Nitrophenol	9.71	109	137897	50.55	ng	#	74
51)	C590 Fluorene	10.15	166	641984	51.37	ng		94
52)	C585 4-Chlorophenyl-phenyl	10.17	204	329497	50.24	ng		98
53)	C580 Diethylphthalate	10.06	149	662729	51.85	ng		97
54)	C620 1,2 diphenylhydrazine	10.36	77	764033	48.95	ng		92
55)	C595 4-Nitroaniline	10.21	138	152090	53.58	ng	#	63
57)	C610 4,6-Dinitro-2-methylp	10.24	198	112389	62.21	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	440976	50.98	ng		96
60)	C625 4-Bromophenyl-phenyle	10.74	248	184326	53.52	ng		96
61)	C630 Hexachlorobenzene	10.78	284	193242	54.67	ng		98
62)	C635 Pentachlorophenol	11.01	266	103526	54.24	ng		96
63)	C640 Phenanthrene	11.23	178	904863	51.69	ng		95
64)	C645 Anthracene	11.29	178	937231	51.65	ng		95
65)	C647 carbazole	11.47	167	935873	53.38	ng		98
66)	C650 Di-n-butylphthalate	11.84	149	1107865	54.43	ng		95
67)	C655 Fluoranthene	12.41	202	1164172	52.08	ng		90
69)	C715 Pyrene	12.62	202	1188773	48.87	ng		89
70)	C710 benzidine	12.56	184	666228	60.11	ng		99
72)	C720 Butylbenzylphthalate	13.21	149	554632	53.10	ng		77
73)	C725 3,3'-Dichlorobenzidin	13.67	252	388470	50.39	ng		98
74)	C730 Benzo[a]anthracene	13.69	228	1146190	50.51	ng		98
75)	C735 Chrysene	13.72	228	1103349	49.58	ng		98
76)	C740 bis(2-Ethylhexyl)phth	13.70	149	777990	53.90	ng		92
77)	C760 Di-n-octylphthalate	14.22	149	1319924	53.72	ng		96
79)	C765 Benzo[b]fluoranthene	14.59	252	1075943	48.53	ng		89
80)	C770 Benzo[k]fluoranthene	14.61	252	1084374	52.91	ng		89
81)	C775 Benzo[a]pyrene	14.88	252	983574	51.12	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	15.98	276	1176049	53.77	ng		84
83)	C785 Dibenz[a,h]anthracene	15.99	278	1007052	54.27	ng		91
84)	C790 Benzo[g,h,i]perylene	16.29	276	1004521	54.92	ng		89

8.5% Drift Using Linear Regression

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002212-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31086.RR Calibration Date: 09/04/2008 Time: 09:57

Intrument ID: HP5973V Init. Calib. Date(s): 07/29/2008 07/29/2008

Init. Calib. Times: 09:15 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1130	0.1297	0.0500	-14.800	40.00
Atrazine	0.2260	0.1931	0.0500	14.600	40.00
Acetophenone	2.3340	2.4298	0.0500	-4.100	40.00
Biphenyl	1.6430	1.6345	0.0500	0.500	40.00
Benzaldehyde	1.5090	1.5712	0.0500	-4.100	40.00

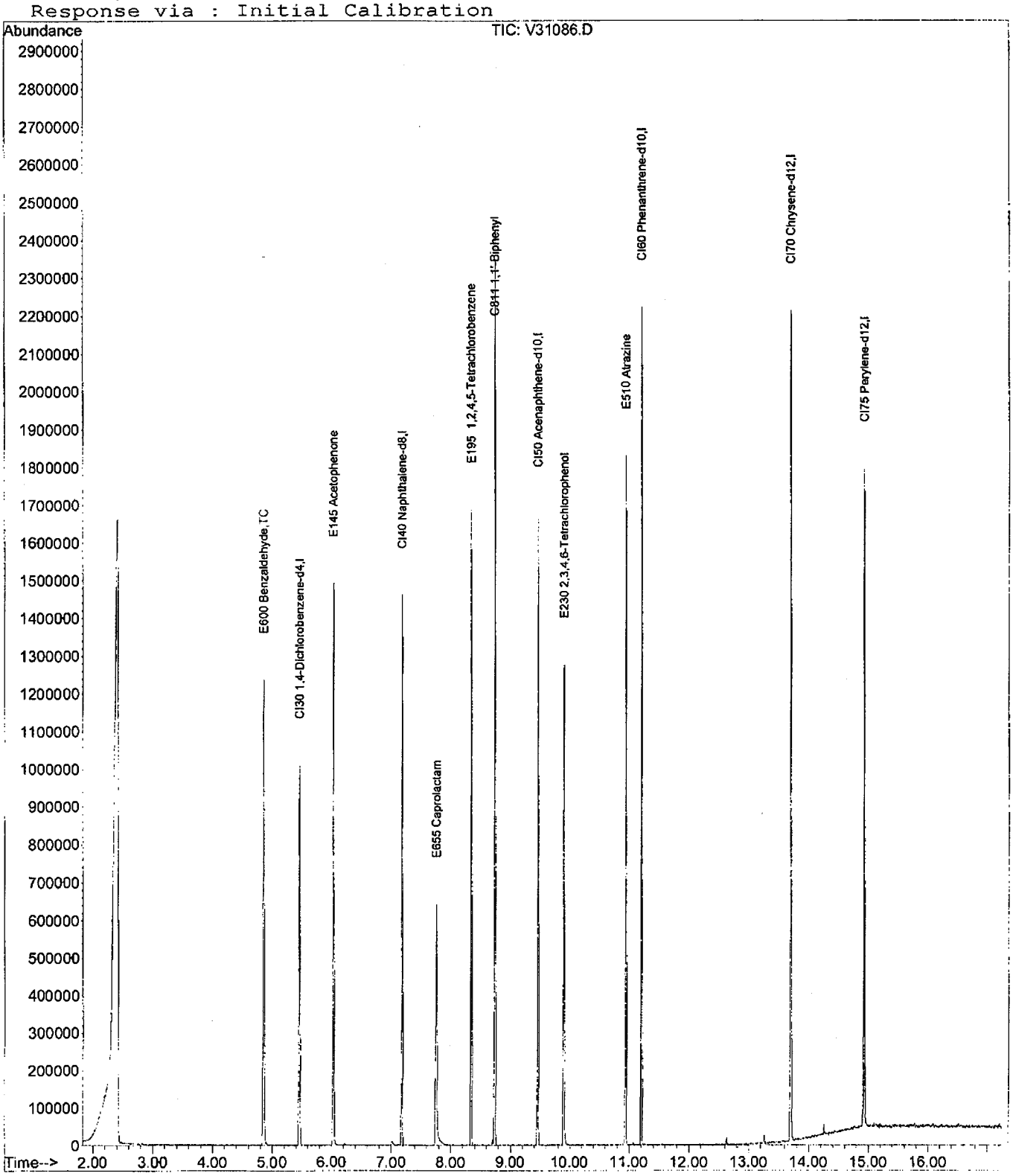
Quantitation Report (Not Reviewed)

Data File : D:\DATA\090408\V31086.D
Acq On : 4 Sep 2008 9:57
Sample : SSTD050
Misc : TCLADDS A (08/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 4 10:16 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31086.D Vial: 2
Acq On : 4 Sep 2008 9:57 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 04 10:16:22 2008 Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	164554	40.00	ng	0.00 103.99%
4) CI40 Naphthalene-d8	7.18	136	613985	40.00	ng	0.00 109.88%
7) CI50 Acenaphthene-d10	9.46	164	364084	40.00	ng	0.00 112.90%
10) CI60 Phenanthrene-d10	11.21	188	784558	40.00	ng	0.00 123.74%
12) CI70 Chrysene-d12	13.70	240	762220	40.00	ng	0.00 112.32%
13) CI75 Perylene-d12	14.92	264	620772	40.00	ng	-0.01 114.30%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.85	77	323185	52.06	ng	91
3) E145 Acetophenone	6.03	105	499801	52.05	ng	93
5) E655 Caprolactam	7.75	113	99547	52.95	ng	# 69
6) E195 1,2,4,5-Tetrachlorob	8.34	216	296131	51.70	ng	95
8) C811 1,1'-Biphenyl	8.74	154	743855	49.74	ng	94
9) E230 2,3,4,6-Tetrachloroph	9.90	232	166189	64.53	ng	91
11) E510 Atrazine	10.94	200	189329	42.63	ng	93

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002232-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31120.RR Calibration Date: 09/04/2008 Time: 23:49

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1480	2.2366	0.0500	-4.100	20.00
Bis(2-chloroethyl) ether	1.7380	1.7493	0.0500	-0.700	40.00
2-Chlorophenol	1.4280	1.4900	0.0500	-4.300	40.00
2-Methylphenol	1.3550	1.4477	0.0500	-6.800	40.00
2,2'-Oxybis(1-Chloropropane)	3.4450	2.7361	0.0500	20.600	40.00
4-Methylphenol	1.4280	1.5481	0.0500	-8.400	40.00
N-Nitroso-Di-n-propylamine	1.2920	1.3503	0.0500	-4.500	40.00
Hexachloroethane	0.7180	0.7279	0.0500	-1.400	40.00
Nitrobenzene	0.5660	0.5680	0.0500	-0.400	40.00
Isophorone	0.9280	0.9498	0.0500	-2.300	40.00
2-Nitrophenol	0.1830	0.2018	0.0500	-10.300	20.00
2,4-Dimethylphenol	0.4560	0.4713	0.0500	-3.400	40.00
Bis(2-chloroethoxy) methane	0.5480	0.5516	0.0500	-0.700	40.00
2,4-Dichlorophenol	0.3220	0.3285	0.0500	-2.000	20.00
Naphthalene	1.0890	1.1000	0.0500	-1.000	40.00
4-Chloroaniline	0.4460	0.4554	0.0500	-2.100	40.00
Hexachlorobutadiene	0.2750	0.2791	0.0500	-1.500	20.00
4-Chloro-3-methylphenol	0.3840	0.4021	0.0500	-4.700	20.00
2-Methylnaphthalene	0.7030	0.7285	0.0500	-3.600	40.00
Hexachlorocyclopentadiene	0.4880	0.4717	0.0500	3.300	40.00
2,4,6-Trichlorophenol	0.4060	0.4380	0.0500	-7.900	20.00
2,4,5-Trichlorophenol	0.4440	0.4655	0.0500	-4.800	40.00
2-Chloronaphthalene	1.2320	1.2320	0.0500	0.000	40.00
2-Nitroaniline	0.5430	0.5453	0.0500	-0.400	40.00
Dimethyl phthalate	1.4390	1.4842	0.0500	-3.100	40.00
Acenaphthylene	2.0260	2.0592	0.0500	-1.600	40.00
2,6-Dinitrotoluene	0.2970	0.3169	0.0500	-6.700	40.00
3-Nitroaniline	0.4080	0.4244	0.0500	-4.000	40.00
Acenaphthene	1.2530	1.2490	0.0500	0.300	20.00
2,4-Dinitrophenol	0.1430	0.1886	0.0500	-31.900	40.00
4-Nitrophenol	0.3060	0.3284	0.0500	-7.300	40.00
Dibenzofuran	1.8450	1.8826	0.0500	-2.000	40.00
2,4-Dinitrotoluene	0.4100	0.4483	0.0500	-9.300	40.00
Diethyl phthalate	1.5380	1.6110	0.0500	-4.700	40.00
4-Chlorophenyl phenyl ether	0.7890	0.8256	0.0500	-4.600	40.00
Fluorene	1.5040	1.5378	0.0500	-2.200	40.00
4-Nitroaniline	0.3420	0.3415	0.0500	0.200	40.00
4,6-Dinitro-2-methylphenol	0.0910	0.1209	0.0500	-32.800	40.00
N-nitrosodiphenylamine	0.4870	0.5018	0.0500	-3.000	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002232-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31120.RR Calibration Date: 09/04/2008 Time: 23:49

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1940	0.2117	0.0500	-9.100	40.00
Hexachlorobenzene	0.1990	0.2151	0.0500	-8.100	40.00
Pentachlorophenol	0.0960	0.1123	0.0500	-17.000	20.00
Phenanthrene	0.9850	1.0136	0.0500	-2.900	40.00
Anthracene	1.0210	1.0487	0.0500	-2.700	40.00
Di-n-butyl phthalate	1.1460	1.2639	0.0500	-10.300	40.00
Fluoranthene	1.2580	1.2858	0.0500	-2.200	20.00
Pyrene	1.3370	1.3108	0.0500	2.000	40.00
Butyl benzyl phthalate	0.5740	0.6149	0.0500	-7.100	40.00
3,3'-Dichlorobenzidine	0.4240	0.4069	0.0500	4.000	40.00
Benzo(a)anthracene	1.2470	1.2538	0.0500	-0.500	40.00
Chrysene	1.2230	1.1975	0.0500	2.100	40.00
Bis(2-ethylhexyl) phthalate	0.7930	0.8749	0.0500	-10.300	40.00
Di-n-octyl phthalate	1.3500	1.4460	0.0500	-7.100	20.00
Benzo(b)fluoranthene	1.4790	1.3972	0.0500	5.500	40.00
Benzo(k)fluoranthene	1.3670	1.4285	0.0500	-4.500	40.00
Benzo(a)pyrene	1.2830	1.3209	0.0500	-3.000	20.00
Indeno(1,2,3-cd)pyrene	1.4590	1.6626	0.0500	-14.000	40.00
Dibenzo(a,h)anthracene	1.2380	1.4170	0.0500	-14.400	40.00
Benzo(ghi)perylene	1.2200	1.4033	0.0500	-15.000	40.00
Carbazole	0.9870	1.0374	0.0500	-5.100	100.00
Nitrobenzene-D5	0.5120	0.5173	0.0500	-1.000	40.00
2-Fluorobiphenyl	1.5020	1.4937	0.0500	0.600	40.00
p-Terphenyl-d14	0.9060	0.9153	0.0500	-1.000	40.00
Phenol-D5	1.9350	1.9689	0.0500	-1.800	40.00
2-Fluorophenol	1.5070	1.5214	0.0500	-1.000	40.00
2,4,6-Tribromophenol	0.0830	0.0930	0.0500	-12.000	40.00

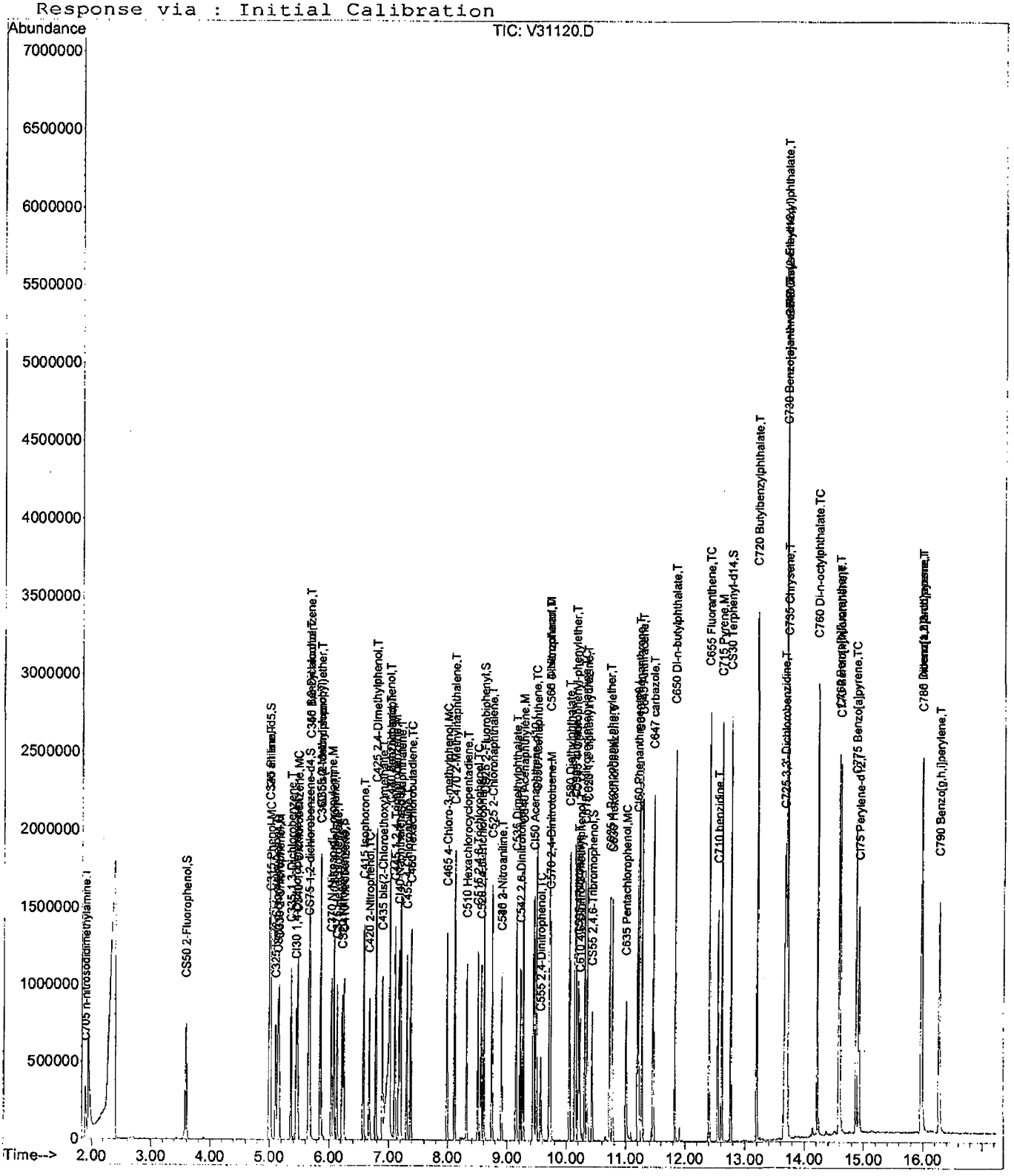
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090408\V31120.D
Acq On : 4 Sep 2008 23:49
Sample : SSTD050
Misc : 8270 (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 5 0:17 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31120.D
Acq On : 4 Sep 2008 23:49
Sample : SSTD050
Misc : 8270 (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 05 00:17:01 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31085.D (4 Sep 2008 9:34)

(012) 3w 09/04/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	139391	40.00	ng	-0.01 91.67%
20) CI40 Naphthalene-d8	7.18	136	514257	40.00	ng	0.00 91.36%
35) CI50 Acenaphthene-d10	9.45	164	297482	40.00	ng	0.00 89.51%
56) CI60 Phenanthrene-d10	11.20	188	630935	40.00	ng	0.00 88.77%
68) CI70 Chrysene-d12	13.69	240	637957	40.00	ng	0.00 87.63%
78) CI75 Perylene-d12	14.92	264	532702	40.00	ng	0.00 88.81%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.60	112	265090	50.46	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.64%			
5) CS45 Phenol-d5	5.00	99	343067	50.87	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 33.91%			
6) CS70 2-chlorophenol-d4	5.15	132	250966	52.16	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.77%			
12) CS75 1,2-dichlorobenzene-d	5.66	152	163263	51.98	ng	-0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.98%			
21) CS20 Nitrobenzene-d5	6.23	82	332511	50.48	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 50.48%			
39) CS25 2-Fluorobiphenyl	8.61	172	555420	49.74	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.74%			
59) CS55 2,4,6-Tribromophenol	10.44	330	73342	56.09	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 37.39%			
71) CS30 Terphenyl-d14	12.77	244	729903	50.52	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 50.52%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.90	74	215890	51.83	ng	85
4) C325 bis(2-Chloroethyl)eth	5.11	93	304798	50.32	ng	87
7) C315 Phenol	5.02	94	389710	52.06	ng	80
8) C330 2-Chlorophenol	5.17	128	259616	52.16	ng	# 78
9) C320 aniline	5.01	93	489970	53.01	ng	# 13
10) C335 1,3-Dichlorobenzene	5.37	146	273189	50.13	ng	96
11) C340 1,4-Dichlorobenzene	5.48	146	282714	51.87	ng	98
13) C350 1,2-Dichlorobenzene	5.68	146	258419	51.40	ng	96
14) C345 Benzyl alcohol	5.68	108	192099	56.35	ng	# 66
15) C360 bis(2-chloroisopropyl	5.87	45	476726	39.71	ng	55
16) C355 2-Methylphenol	5.86	108	252254	53.42	ng	92
17) C375 Hexachloroethane	6.14	117	126829	50.69	ng	98
18) C370 N-Nitroso-di-n-propyl	6.04	70	235276	52.26	ng	# 72
19) C365 4-Methylphenol	6.08	108	269732	54.20	ng	97
22) C410 Nitrobenzene	6.25	77	365134	50.15	ng	81
23) C415 Isophorone	6.58	82	610543	51.18	ng	90
24) C430 benzoic acid	7.02	122	421012	164.43	ng	# 59
25) C420 2-Nitrophenol	6.68	139	129700	55.15	ng	# 53

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31120.D
Acq On : 4 Sep 2008 23:49
Sample : SSTD050
Misc : 8270 (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 05 00:17:01 2008

Vial: 2
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.79	107	302984	51.64	ng		85
27)	C435 bis(2-Chloroethoxy)me	6.90	93	354595	50.35	ng		94
28)	C440 2,4-Dichlorophenol	7.02	162	211183	51.04	ng		88
29)	C445 1,2,4-Trichlorobenzen	7.11	180	237731	51.91	ng		96
30)	C450 Naphthalene	7.20	128	707125	50.49	ng		98
31)	C455 4-Chloroaniline	7.31	127	292767	51.08	ng		99
32)	C460 Hexachlorobutadiene	7.38	225	179440	50.72	ng		99
33)	C465 4-Chloro-3-methylphen	7.99	107	258497	52.43	ng	#	74
34)	C470 2-Methylnaphthalene	8.12	142	468290	51.78	ng		97
36)	C510 Hexachlorocyclopentad	8.32	237	175393	48.30	ng		99
37)	C515 2,4,6-Trichlorophenol	8.51	196	162880	53.99	ng		93
38)	C520 2,4,5-Trichlorophenol	8.56	196	173094	52.44	ng		96
40)	C525 2-Chloronaphthalene	8.74	162	458117	49.98	ng		90
41)	C530 2-Nitroaniline	8.91	65	202772	50.25	ng	#	69
42)	C540 Acenaphthylene	9.27	152	765733	50.82	ng		97
43)	C535 Dimethylphthalate	9.15	163	551918	51.59	ng		96
44)	C542 2,6-Dinitrotoluene	9.23	165	117858	53.29	ng	#	74
45)	C550 Acenaphthene	9.50	153	464428	49.82	ng		94
46)	C545 3-Nitroaniline	8.91	138	157819	52.07	ng	#	76
47)	C555 2,4-Dinitrophenol	9.57	184	70123	57.30	ng		81
48)	C565 Dibenzofuran	9.72	168	700039	51.02	ng		79
49)	C570 2,4-Dinitrotoluene	9.74	165	166716	54.72	ng	#	69
50)	C560 4-Nitrophenol	9.71	109	122109	50.07	ng	#	16
51)	C590 Fluorene	10.14	166	571848	51.13	ng		92
52)	C585 4-Chlorophenyl-phenyl	10.16	204	307009	52.30	ng		96
53)	C580 Diethylphthalate	10.05	149	599063	52.36	ng		97
54)	C620 1,2 diphenylhydrazine	10.35	77	716531	51.29	ng		90
55)	C595 4-Nitroaniline	10.21	138	126980	49.98	ng	#	49
57)	C610 4,6-Dinitro-2-methylp	10.23	198	95372	59.83	ng		100
58)	C615 n-Nitrosodiphenylamin	10.31	169	395717	51.53	ng		97
60)	C625 4-Bromophenyl-phenyle	10.73	248	166985	54.61	ng		98
61)	C630 Hexachlorobenzene	10.77	284	169611	54.05	ng		94
62)	C635 Pentachlorophenol	11.01	266	88572	52.61	ng		99
63)	C640 Phenanthrene	11.23	178	799365	51.43	ng		97
64)	C645 Anthracene	11.28	178	827090	51.35	ng		96
65)	C647 carbazole	11.47	167	818193	52.57	ng		98
66)	C650 Di-n-butylphthalate	11.83	149	996819	55.17	ng		96
67)	C655 Fluoranthene	12.41	202	1014038	51.10	ng		91
69)	C715 Pyrene	12.62	202	1045324	49.04	ng		91
70)	C710 benzidine	12.55	184	510760	52.59	ng		98
72)	C720 Butylbenzylphthalate	13.21	149	490373	53.58	ng	#	73
73)	C725 3,3'-Dichlorobenzidin	13.67	252	324492	48.03	ng		95
74)	C730 Benzo[a]anthracene	13.68	228	999861	50.28	ng		98
75)	C735 Chrysene	13.72	228	954960	48.97	ng		98
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	697705	55.16	ng		93
77)	C760 Di-n-octylphthalate	14.22	149	1153135	53.56	ng		96
79)	C765 Benzo[b]fluoranthene	14.58	252	930363	47.25	ng		89
80)	C770 Benzo[k]fluoranthene	14.61	252	951182	52.25	ng		89
81)	C775 Benzo[a]pyrene	14.87	252	879574	51.47	ng		97
82)	C780 Indeno[1,2,3-cd]pyren	15.98	276	1107060	57.00	ng		82
83)	C785 Dibenz[a,h]anthracene	15.99	278	943575	57.25	ng		92
84)	C790 Benzo[g,h,i]perylene	16.28	276	934414	57.52	ng		90

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002232-3

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31121.RR Calibration Date: 09/05/2008 Time: 00:12

Intrument ID: HP5973V Init. Calib. Date(s): 07/29/2008 07/29/2008

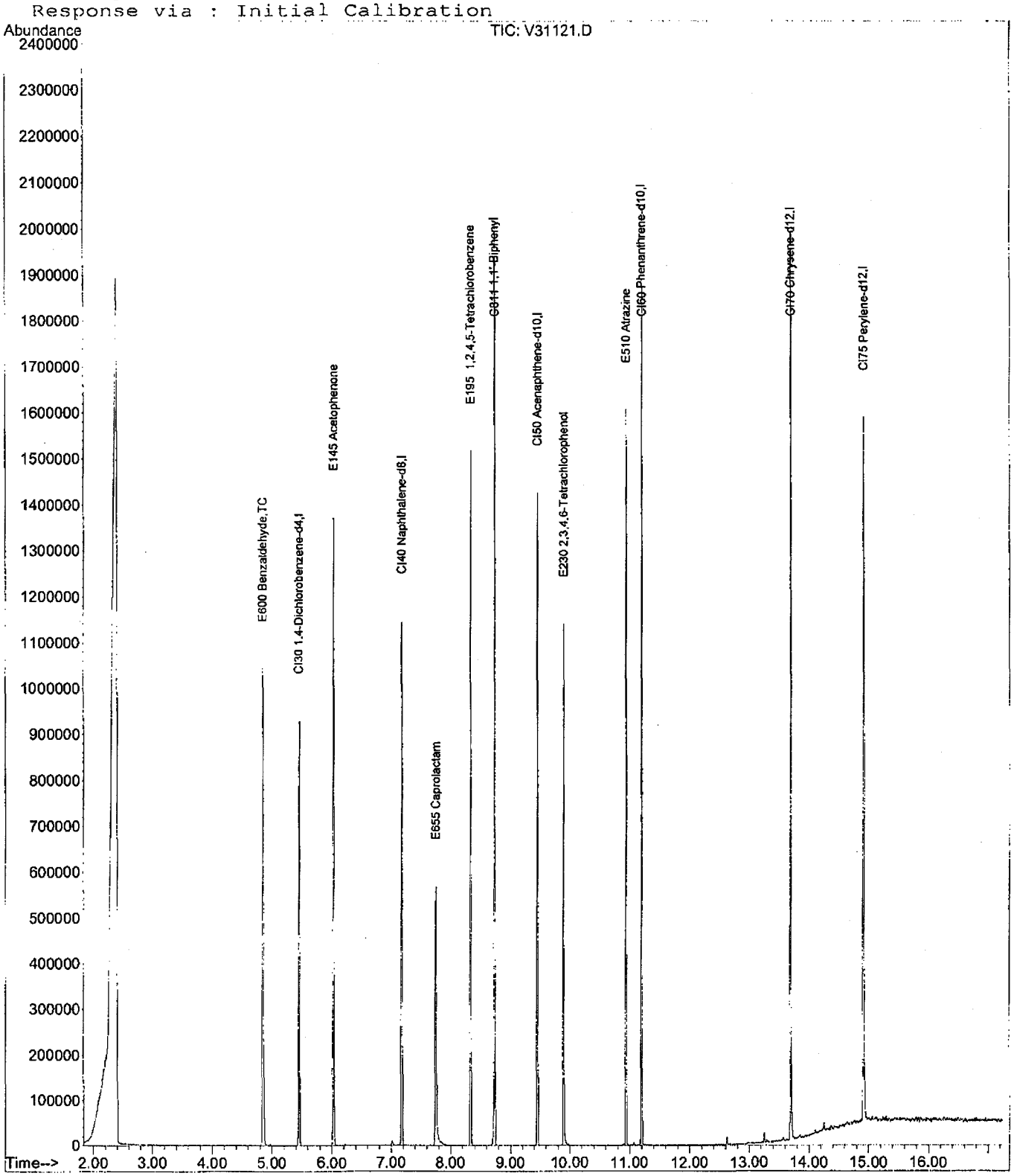
Init. Calib. Times: 09:15 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1130	0.1224	0.0500	-8.300	40.00
Atrazine	0.2260	0.1925	0.0500	14.800	40.00
Acetophenone	2.3340	2.3882	0.0500	-2.300	40.00
Biphenyl	1.6430	1.6691	0.0500	-1.600	40.00
Benzaldehyde	1.5090	1.5398	0.0500	-2.000	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090408\V31121.D Vial: 3
Acq On : 5 Sep 2008 00:12 Operator: JLG
Sample : SSTD050 Inst : HP5973V
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 5 0:29 2008 Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31121.D Vial: 3
Acq On : 5 Sep 2008 00:12 Operator: JLG
Sample : SSTD050 Inst : HP5973V
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 00:29:36 2008 Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

(ok) 09/05/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	141968	40.00	ng	-0.02 89.72%
4) CI40 Naphthalene-d8	7.18	136	517448	40.00	ng	-0.01 92.60%
7) CI50 Acenaphthene-d10	9.45	164	303190	40.00	ng	-0.01 94.02%
10) CI60 Phenanthrene-d10	11.20	188	663775	40.00	ng	-0.01 104.69%
12) CI70 Chrysene-d12	13.69	240	651537	40.00	ng	-0.02 96.01%
13) CI75 Perylene-d12	14.92	264	536317	40.00	ng	-0.02 98.75%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.84	77	273257	51.02	ng	86
3) E145 Acetophenone	6.02	105	423815	51.16	ng	94
5) E655 Caprolactam	7.75	113	79156	50.14	ng	# 58
6) E195 1,2,4,5-Tetrachlorob	8.33	216	255030	52.83	ng	97
8) C811 1,1'-Biphenyl	8.73	154	632563	50.80	ng	94
9) E230 2,3,4,6-Tetrachloroph	9.89	232	132020	61.56	ng	91
11) E510 Atrazine	10.94	200	159690	42.50	ng	94

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002248-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31153.RR Calibration Date: 09/05/2008 Time: 14:36

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1480	2.0954	0.0500	2.400	20.00
Bis(2-chloroethyl) ether	1.7380	1.6841	0.0500	3.100	40.00
2-Chlorophenol	1.4280	1.4342	0.0500	-0.400	40.00
2-Methylphenol	1.3550	1.3252	0.0500	2.200	40.00
2,2'-Oxybis(1-Chloropropane)	3.4450	2.7777	0.0500	19.400	40.00
4-Methylphenol	1.4280	1.4299	0.0500	-0.100	40.00
N-Nitroso-Di-n-propylamine	1.2920	1.2561	0.0500	2.800	40.00
Hexachloroethane	0.7180	0.6931	0.0500	3.500	40.00
Nitrobenzene	0.5660	0.5529	0.0500	2.300	40.00
Isophorone	0.9280	0.9411	0.0500	-1.400	40.00
2-Nitrophenol	0.1830	0.2056	0.0500	-12.300	20.00
2,4-Dimethylphenol	0.4560	0.4631	0.0500	-1.600	40.00
Bis(2-chloroethoxy) methane	0.5480	0.5511	0.0500	-0.600	40.00
2,4-Dichlorophenol	0.3220	0.3332	0.0500	-3.500	20.00
Naphthalene	1.0890	1.1112	0.0500	-2.000	40.00
4-Chloroaniline	0.4460	0.4556	0.0500	-2.200	40.00
Hexachlorobutadiene	0.2750	0.2684	0.0500	2.400	20.00
4-Chloro-3-methylphenol	0.3840	0.3930	0.0500	-2.300	20.00
2-Methylnaphthalene	0.7030	0.7355	0.0500	-4.600	40.00
Hexachlorocyclopentadiene	0.4880	0.4363	0.0500	10.600	40.00
2,4,6-Trichlorophenol	0.4060	0.4205	0.0500	-3.600	20.00
2,4,5-Trichlorophenol	0.4440	0.4546	0.0500	-2.400	40.00
2-Chloronaphthalene	1.2320	1.2351	0.0500	-0.300	40.00
2-Nitroaniline	0.5430	0.5187	0.0500	4.500	40.00
Dimethyl phthalate	1.4390	1.4614	0.0500	-1.600	40.00
Acenaphthylene	2.0260	2.0495	0.0500	-1.200	40.00
2,6-Dinitrotoluene	0.2970	0.3164	0.0500	-6.500	40.00
3-Nitroaniline	0.4080	0.3997	0.0500	2.000	40.00
Acenaphthene	1.2530	1.2403	0.0500	1.000	20.00
2,4-Dinitrophenol	0.1430	0.1666	0.0500	-16.500	40.00
4-Nitrophenol	0.3060	0.2900	0.0500	5.200	40.00
Dibenzofuran	1.8450	1.8493	0.0500	-0.200	40.00
2,4-Dinitrotoluene	0.4100	0.4354	0.0500	-6.200	40.00
Diethyl phthalate	1.5380	1.6309	0.0500	-6.000	40.00
4-Chlorophenyl phenyl ether	0.7890	0.7795	0.0500	1.200	40.00
Fluorene	1.5040	1.5096	0.0500	-0.400	40.00
4-Nitroaniline	0.3420	0.3501	0.0500	-2.400	40.00
4,6-Dinitro-2-methylphenol	0.0910	0.1187	0.0500	-30.400	40.00
N-nitrosodiphenylamine	0.4870	0.4963	0.0500	-1.900	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002248-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31153.RR Calibration Date: 09/05/2008 Time: 14:36

Intrument ID: HP5973V Init. Calib. Date(s): 08/05/2008 08/05/2008

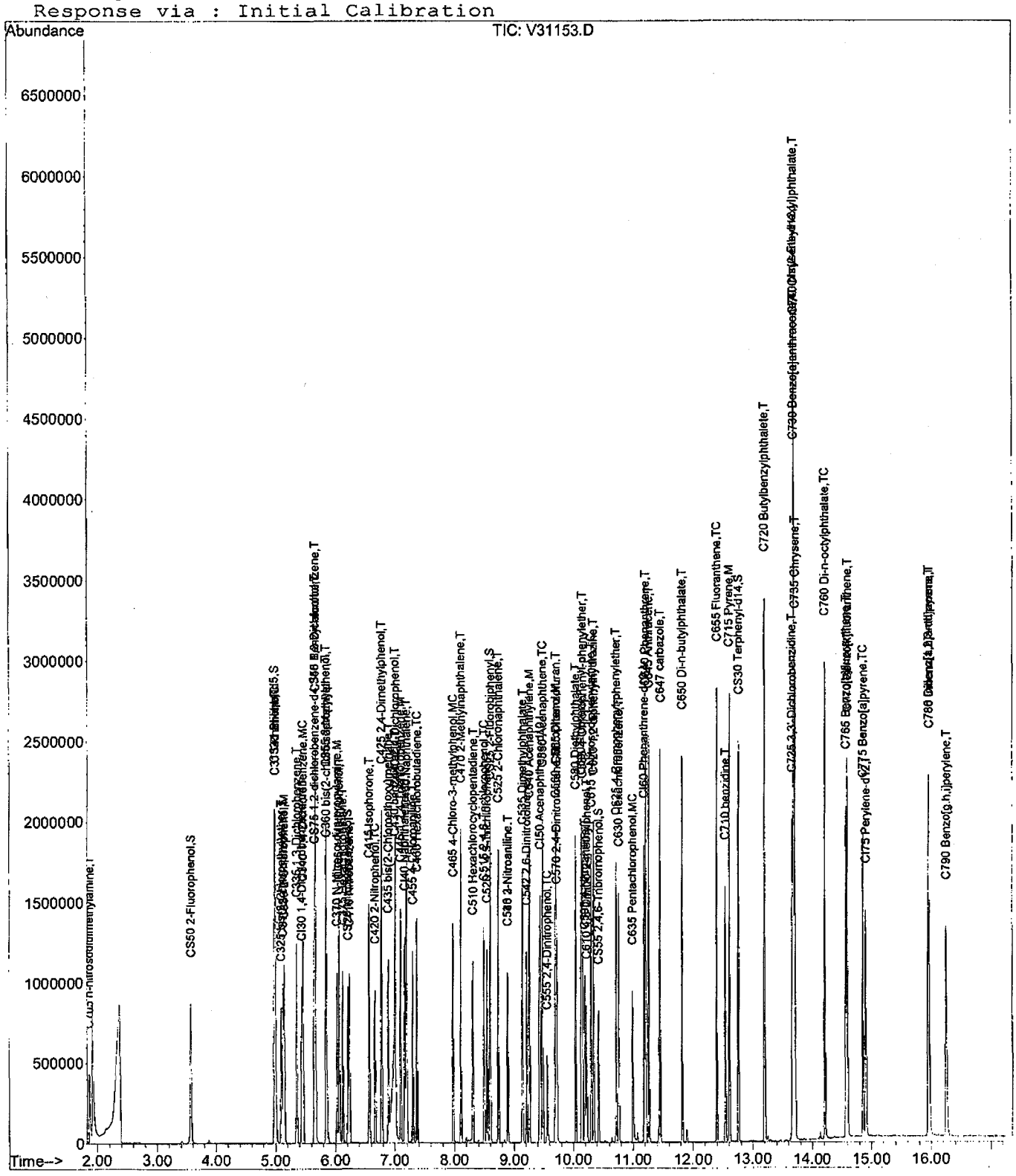
Init. Calib. Times: 08:35 10:45

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1940	0.2054	0.0500	-5.900	40.00
Hexachlorobenzene	0.1990	0.2093	0.0500	-5.200	40.00
Pentachlorophenol	0.0960	0.1076	0.0500	-12.100	20.00
Phenanthrene	0.9850	1.0355	0.0500	-5.100	40.00
Anthracene	1.0210	1.0623	0.0500	-4.000	40.00
Di-n-butyl phthalate	1.1460	1.2811	0.0500	-11.800	40.00
Fluoranthene	1.2580	1.2648	0.0500	-0.500	20.00
Pyrene	1.3370	1.4115	0.0500	-5.600	40.00
Butyl benzyl phthalate	0.5740	0.6621	0.0500	-15.300	40.00
3,3'-Dichlorobenzidine	0.4240	0.4307	0.0500	-1.600	40.00
Benzo(a)anthracene	1.2470	1.2955	0.0500	-3.900	40.00
Chrysene	1.2230	1.2491	0.0500	-2.100	40.00
Bis(2-ethylhexyl) phthalate	0.7930	0.9292	0.0500	-17.200	40.00
Di-n-octyl phthalate	1.3500	1.5040	0.0500	-11.400	20.00
Benzo(b)fluoranthene	1.4790	1.4978	0.0500	-1.300	40.00
Benzo(k)fluoranthene	1.3670	1.4356	0.0500	-5.000	40.00
Benzo(a)pyrene	1.2830	1.3044	0.0500	-1.700	20.00
Indeno(1,2,3-cd)pyrene	1.4590	1.5068	0.0500	-3.300	40.00
Dibenzo(a,h)anthracene	1.2380	1.2903	0.0500	-4.200	40.00
Benzo(ghi)perylene	1.2200	1.2737	0.0500	-4.400	40.00
Carbazole	0.9870	1.0542	0.0500	-6.800	100.00
Nitrobenzene-D5	0.5120	0.5075	0.0500	0.900	40.00
2-Fluorobiphenyl	1.5020	1.4663	0.0500	2.400	40.00
p-Terphenyl-d14	0.9060	0.9659	0.0500	-6.600	40.00
Phenol-D5	1.9350	1.8575	0.0500	4.000	40.00
2-Fluorophenol	1.5070	1.4740	0.0500	2.200	40.00
2,4,6-Tribromophenol	0.0830	0.0840	0.0500	-1.200	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\V31153.D Vial: 2
Acq On : 5 Sep 2008 14:36 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : 8270 A (08/25/08) Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 5 14:55 2008 Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 00:18:04 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090508\V31153.D
Acq On : 5 Sep 2008 14:36
Sample : SSTD050
Misc : 8270 A (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 05 14:55:52 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 00:18:04 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31085.D (4 Sep 2008 9:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	159551	40.00	ng	-0.01 114.46%
20) CI40 Naphthalene-d8	7.17	136	552294	40.00	ng	-0.01 107.40%
35) CI50 Acenaphthene-d10	9.44	164	317397	40.00	ng	-0.01 106.69%
56) CI60 Phenanthrene-d10	11.19	188	655826	40.00	ng	-0.01 103.95%
68) CI70 Chrysene-d12	13.68	240	604095	40.00	ng	-0.01 94.69%
78) CI75 Perylene-d12	14.91	264	471914	40.00	ng	-0.01 88.59%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.57	112	293965	48.89	ng	-0.03
Spiked Amount 150.000	Range 21 - 110		Recovery = 32.59%			
5) CS45 Phenol-d5	4.98	99	370459	47.99	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 31.99%			
6) CS70 2-chlorophenol-d4	5.13	132	278213	50.52	ng	-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.68%			
12) CS75 1,2-dichlorobenzene-d	5.65	152	184507	51.32	ng	-0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.32%			
21) CS20 Nitrobenzene-d5	6.21	82	350367	49.53	ng	-0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 49.53%			
39) CS25 2-Fluorobiphenyl	8.60	172	581760	48.83	ng	-0.01
Spiked Amount 100.000	Range 43 - 116		Recovery = 48.83%			
59) CS55 2,4,6-Tribromophenol	10.43	330	68837	50.64	ng	-0.01
Spiked Amount 150.000	Range 10 - 123		Recovery = 33.76%			
71) CS30 Terphenyl-d14	12.76	244	729398	53.32	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 53.32%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.87	74	241773	50.71	ng	86
4) C325 bis(2-Chloroethyl)eth	5.09	93	335884	48.44	ng	87
7) C315 Phenol	5.00	94	417896	48.77	ng	# 51
8) C330 2-Chlorophenol	5.15	128	286037	50.21	ng	# 76
9) C320 aniline	4.99	93	530357	50.13	ng	# 20
10) C335 1,3-Dichlorobenzene	5.36	146	310692	49.80	ng	98
11) C340 1,4-Dichlorobenzene	5.46	146	312956	50.17	ng	93
13) C350 1,2-Dichlorobenzene	5.67	146	288063	50.06	ng	97
14) C345 Benzyl alcohol	5.67	108	200172	51.30	ng	# 65
15) C360 bis(2-chloroisopropyl	5.85	45	553977	40.32	ng	86
16) C355 2-Methylphenol	5.84	108	264296	48.90	ng	100
17) C375 Hexachloroethane	6.12	117	138239	48.27	ng	94
18) C370 N-Nitroso-di-n-propyl	6.03	70	250511	48.61	ng	# 70
19) C365 4-Methylphenol	6.06	108	285178	50.06	ng	96
22) C410 Nitrobenzene	6.24	77	381692	48.81	ng	80
23) C415 Isophorone	6.57	82	649730	50.71	ng	90
24) C430 benzoic acid	7.00	122	438070	160.66	ng	# 67
25) C420 2-Nitrophenol	6.67	139	141965	56.21	ng	# 66

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090508\V31153.D
Acq On : 5 Sep 2008 14:36
Sample : SSTD050
Misc : 8270 A (08/25/08)
MS Integration Params: RTEINT.P
Quant Time: Sep 05 14:55:52 2008

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 00:18:04 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.78	107	319678	50.74	ng		83
27)	C435 bis(2-Chloroethoxy)me	6.89	93	380432	50.30	ng		96
28)	C440 2,4-Dichlorophenol	7.01	162	230057	51.77	ng		92
29)	C445 1,2,4-Trichlorobenzen	7.10	180	252529	51.34	ng		97
30)	C450 Naphthalene	7.19	128	767131	51.00	ng		99
31)	C455 4-Chloroaniline	7.30	127	314504	51.10	ng		100
32)	C460 Hexachlorobutadiene	7.37	225	185300	48.77	ng		97
33)	C465 4-Chloro-3-methylphen	7.97	107	271340	51.24	ng	#	78
34)	C470 2-Methylnaphthalene	8.11	142	507760	52.27	ng		99
36)	C510 Hexachlorocyclopentad	8.31	237	173092	44.67	ng		99
37)	C515 2,4,6-Trichlorophenol	8.49	196	166840	51.83	ng		92
38)	C520 2,4,5-Trichlorophenol	8.54	196	180360	51.22	ng		95
40)	C525 2-Chloronaphthalene	8.73	162	490025	50.11	ng		94
41)	C530 2-Nitroaniline	8.89	65	205810	47.80	ng	#	62
42)	C540 Acenaphthylene	9.26	152	813112	50.58	ng		98
43)	C535 Dimethylphthalate	9.14	163	579802	50.80	ng		97
44)	C542 2,6-Dinitrotoluene	9.22	165	125531	53.20	ng		81
45)	C550 Acenaphthene	9.49	153	492095	49.48	ng		93
46)	C545 3-Nitroaniline	8.90	138	158566	49.04	ng	#	76
47)	C555 2,4-Dinitrophenol	9.56	184	66083	52.10	ng		86
48)	C565 Dibenzofuran	9.71	168	733694	50.12	ng		94
49)	C570 2,4-Dinitrotoluene	9.73	165	172752	53.15	ng	#	71
50)	C560 4-Nitrophenol	9.70	109	115069	44.96	ng	#	68
51)	C590 Fluorene	10.14	166	598942	50.19	ng		92
52)	C585 4-Chlorophenyl-phenyl	10.15	204	309264	49.38	ng		96
53)	C580 Diethylphthalate	10.04	149	647051	53.01	ng		97
54)	C620 1,2 diphenylhydrazine	10.34	77	734431	49.27	ng		91
55)	C595 4-Nitroaniline	10.20	138	138910	51.24	ng	#	71
57)	C610 4,6-Dinitro-2-methylp	10.22	198	97288	58.87	ng		100
58)	C615 n-Nitrosodiphenylamin	10.30	169	406854	50.97	ng		95
60)	C625 4-Bromophenyl-phenyle	10.72	248	168379	52.98	ng		95
61)	C630 Hexachlorobenzene	10.76	284	171596	52.61	ng		94
62)	C635 Pentachlorophenol	11.00	266	88205	50.78	ng		97
63)	C640 Phenanthrene	11.22	178	848921	52.55	ng		97
64)	C645 Anthracene	11.27	178	870832	52.01	ng		95
65)	C647 carbazole	11.46	167	864230	53.42	ng		99
66)	C650 Di-n-butylphthalate	11.83	149	1050212	55.92	ng		97
67)	C655 Fluoranthene	12.40	202	1036855	50.27	ng		94
69)	C715 Pyrene	12.61	202	1065877	52.80	ng		93
70)	C710 benzidine	12.54	184	538523	58.55	ng		99
72)	C720 Butylbenzylphthalate	13.20	149	499966	57.69	ng	#	72
73)	C725 3,3'-Dichlorobenzidin	13.66	252	325229	50.84	ng		97
74)	C730 Benzo[a]anthracene	13.67	228	978253	51.95	ng		97
75)	C735 Chrysene	13.71	228	943254	51.08	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	701660	58.58	ng		91
77)	C760 Di-n-octylphthalate	14.21	149	1135711	55.71	ng		96
79)	C765 Benzo[b]fluoranthene	14.57	252	883549	50.65	ng		89
80)	C770 Benzo[k]fluoranthene	14.59	252	846827	52.51	ng		92
81)	C775 Benzo[a]pyrene	14.86	252	769481	50.83	ng		97
82)	C780 Indeno[1,2,3-cd]pyren	15.95	276	888851	51.66	ng		86
83)	C785 Dibenz[a,h]anthracene	15.97	278	761147	52.13	ng		93
84)	C790 Benzo[g,h,i]perylene	16.25	276	751348	52.21	ng		92

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002248-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: V31155.RR Calibration Date: 09/05/2008 Time: 15:22

Intrument ID: HP5973V Init. Calib. Date(s): 07/29/2008 07/29/2008

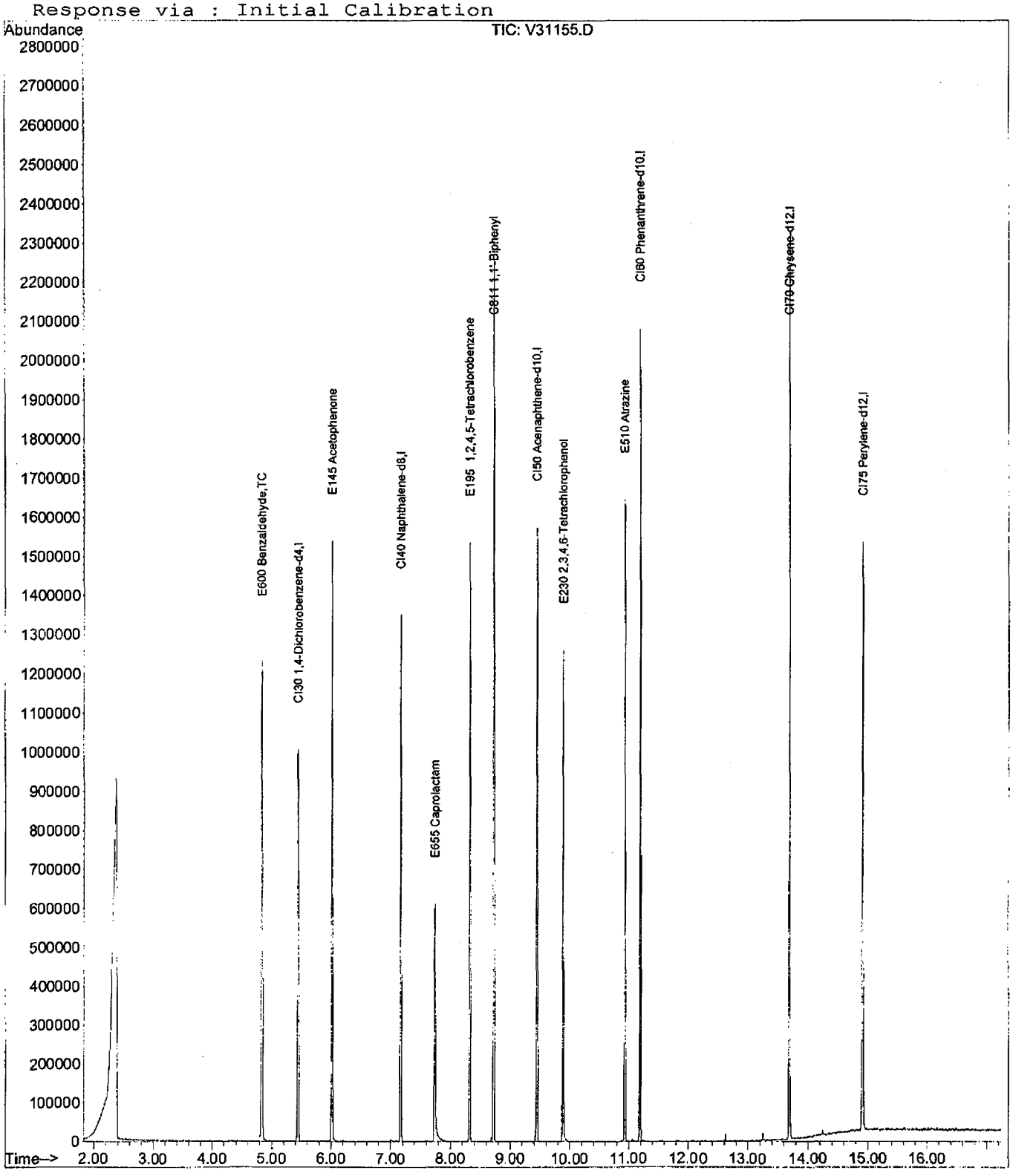
Init. Calib. Times: 09:15 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1130	0.1171	0.0500	-3.600	40.00
Atrazine	0.2260	0.1858	0.0500	17.800	40.00
Acetophenone	2.3340	2.2376	0.0500	4.100	40.00
Biphenyl	1.6430	1.6806	0.0500	-2.300	40.00
Benzaldehyde	1.5090	1.4815	0.0500	1.800	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\V31155.D Vial: 3
Acq On : 5 Sep 2008 15:22 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 5 15:40 2008 Quant Results File: TCLADDS-0562.I

Method : C:\MSDCHEM\1\METHODS\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090508\V31155.D
Acq On : 5 Sep 2008 15:22
Sample : SSTD050
Misc : TCLADDS A (08/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 05 15:40:45 2008

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.44	152	169800	40.00	ng	-0.01 107.31%
4) CI40 Naphthalene-d8	7.17	136	602442	40.00	ng	-0.01 107.81%
7) CI50 Acenaphthene-d10	9.44	164	333402	40.00	ng	-0.01 103.39%
10) CI60 Phenanthrene-d10	11.19	188	746043	40.00	ng	-0.01 117.66%
12) CI70 Chrysene-d12	13.68	240	690676	40.00	ng	0.00 101.77%
13) CI75 Perylene-d12	14.91	264	505894	40.00	ng	-0.01 93.15%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.83	77	314438	49.09	ng	92
3) E145 Acetophenone	6.01	105	474923	47.93	ng	96
5) E655 Caprolactam	7.73	113	88154	48.10	ng	# 62
6) E195 1,2,4,5-Tetrachlorob	8.33	216	276761	49.24	ng	99
8) C811 1,1'-Biphenyl	8.72	154	700379	51.15	ng	95
9) E230 2,3,4,6-Tetrachloroph	9.88	232	146112	61.96	ng	90
11) E510 Atrazine	10.93	200	173310	41.04	ng	98

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002220-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: W26146.RR Calibration Date: 09/05/2008 Time: 11:17

Intrument ID: HP5973W Init. Calib. Date(s): 08/26/2008 08/26/2008

Init. Calib. Times: 12:05 18:14

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.0740	2.2534	0.0500	-8.600	20.00
Bis(2-chloroethyl) ether	1.5860	1.5813	0.0500	0.300	40.00
2-Chlorophenol	1.6270	1.6296	0.0500	-0.200	40.00
2-Methylphenol	1.4490	1.4904	0.0500	-2.800	40.00
2,2'-Oxybis(1-Chloropropane)	2.4420	2.4254	0.0500	0.700	40.00
4-Methylphenol	1.5120	1.5826	0.0500	-4.700	40.00
N-Nitroso-Di-n-propylamine	1.0780	1.1176	0.0500	-3.700	40.00
Hexachloroethane	0.6350	0.6395	0.0500	-0.700	40.00
Nitrobenzene	0.3670	0.3821	0.0500	-4.100	40.00
Isophorone	0.6990	0.7384	0.0500	-5.600	40.00
2-Nitrophenol	0.1860	0.2020	0.0500	-8.600	20.00
2,4-Dimethylphenol	0.3600	0.3748	0.0500	-4.100	40.00
Bis(2-chloroethoxy) methane	0.4300	0.4395	0.0500	-2.200	40.00
2,4-Dichlorophenol	0.2970	0.3220	0.0500	-8.400	20.00
Naphthalene	1.0910	1.1185	0.0500	-2.500	40.00
4-Chloroaniline	0.4330	0.4626	0.0500	-6.800	40.00
Hexachlorobutadiene	0.1760	0.1787	0.0500	-1.500	20.00
4-Chloro-3-methylphenol	0.3070	0.3360	0.0500	-9.400	20.00
2-Methylnaphthalene	0.7200	0.7526	0.0500	-4.500	40.00
Hexachlorocyclopentadiene	0.3310	0.3294	0.0500	0.500	40.00
2,4,6-Trichlorophenol	0.3520	0.3736	0.0500	-6.100	20.00
2,4,5-Trichlorophenol	0.3790	0.4052	0.0500	-6.900	40.00
2-Chloronaphthalene	1.1920	1.2233	0.0500	-2.600	40.00
2-Nitroaniline	0.3160	0.3647	0.0500	-15.400	40.00
Dimethyl phthalate	1.3390	1.4290	0.0500	-6.700	40.00
Acenaphthylene	1.8810	1.9694	0.0500	-4.700	40.00
2,6-Dinitrotoluene	0.2790	0.3273	0.0500	-17.300	40.00
3-Nitroaniline	0.3240	0.3760	0.0500	-16.000	40.00
Acenaphthene	1.1440	1.1825	0.0500	-3.400	20.00
2,4-Dinitrophenol	0.1140	0.1565	0.0500	-37.300	40.00
4-Nitrophenol	0.1390	0.1784	0.0500	-28.300	40.00
Dibenzofuran	1.6970	1.7946	0.0500	-5.800	40.00
2,4-Dinitrotoluene	0.3800	0.4557	0.0500	-19.900	40.00
Diethyl phthalate	1.2820	1.4075	0.0500	-9.800	40.00
4-Chlorophenyl phenyl ether	0.6350	0.6715	0.0500	-5.700	40.00
Fluorene	1.3950	1.4782	0.0500	-6.000	40.00
4-Nitroaniline	0.3160	0.3744	0.0500	-18.500	40.00
4,6-Dinitro-2-methylphenol	0.1040	0.1347	0.0500	-29.500	40.00
N-nitrosodiphenylamine	0.5540	0.5622	0.0500	-1.500	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002220-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: W26146.RR Calibration Date: 09/05/2008 Time: 11:17

Intrument ID: HP5973W Init. Calib. Date(s): 08/26/2008 08/26/2008

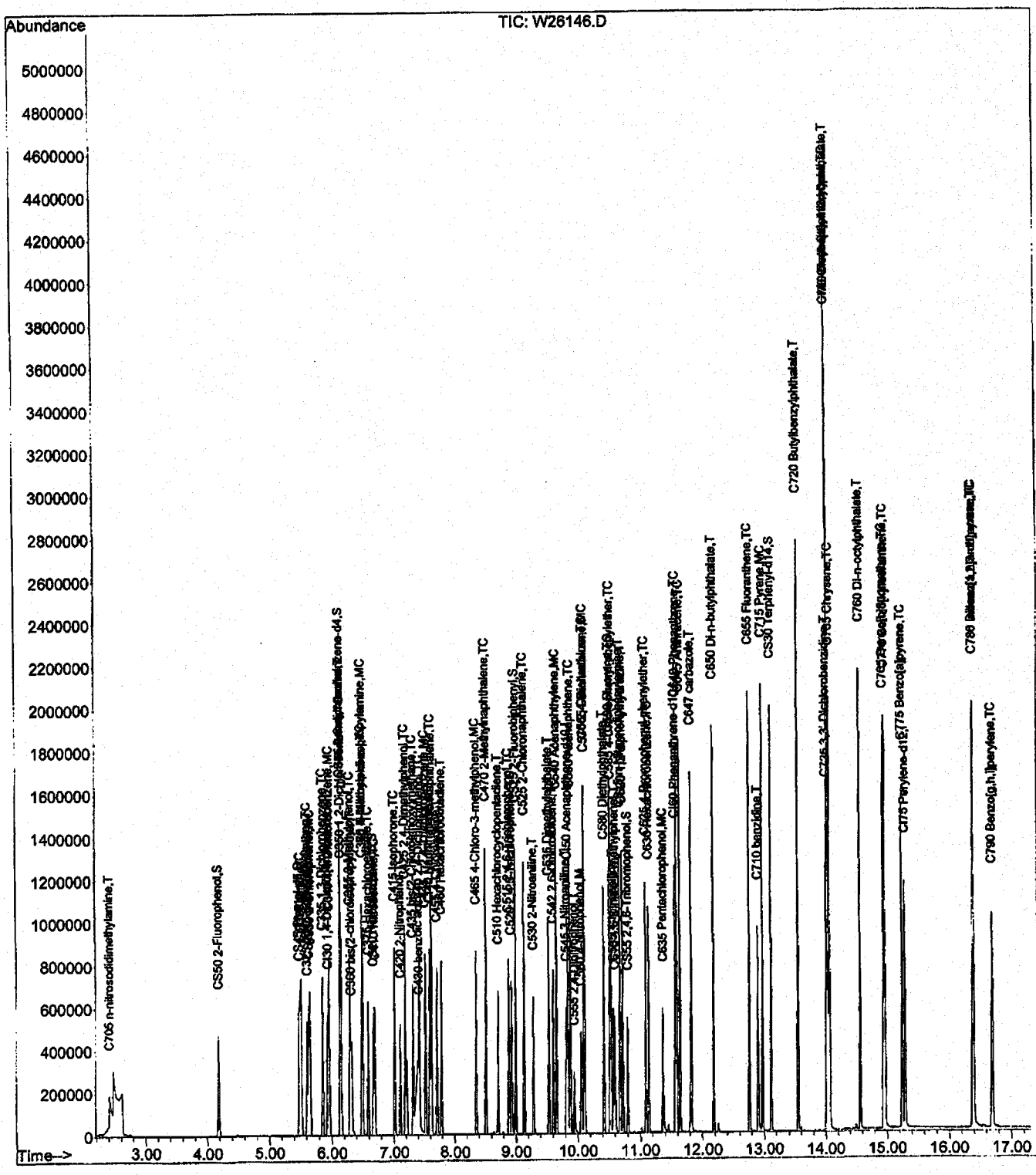
Init. Calib. Times: 12:05 18:14

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2200	0.2214	0.0500	-0.600	40.00
Hexachlorobenzene	0.2240	0.2234	0.0500	0.300	40.00
Pentachlorophenol	0.1020	0.1165	0.0500	-14.200	20.00
Phenanthrene	1.1360	1.1535	0.0500	-1.500	40.00
Anthracene	1.1580	1.1986	0.0500	-3.500	40.00
Di-n-butyl phthalate	1.2890	1.3561	0.0500	-5.200	40.00
Fluoranthene	1.1990	1.2923	0.0500	-7.800	20.00
Pyrene	1.2880	1.3048	0.0500	-1.300	40.00
Butyl benzyl phthalate	0.5720	0.6140	0.0500	-7.300	40.00
3,3'-Dichlorobenzidine	0.3930	0.4597	0.0500	-17.000	40.00
Benzo(a)anthracene	1.1690	1.2547	0.0500	-7.300	40.00
Chrysene	1.2080	1.1893	0.0500	1.500	40.00
Bis(2-ethylhexyl) phthalate	0.8340	0.8751	0.0500	-4.900	40.00
Di-n-octyl phthalate	1.4050	1.4879	0.0500	-5.900	20.00
Benzo(b)fluoranthene	1.3710	1.4750	0.0500	-7.600	40.00
Benzo(k)fluoranthene	1.3640	1.4050	0.0500	-3.000	40.00
Benzo(a)pyrene	1.2190	1.2807	0.0500	-5.100	20.00
Indeno(1,2,3-cd)pyrene	1.4640	1.4178	0.0500	3.200	40.00
Dibenzo(a,h)anthracene	1.2580	1.2525	0.0500	0.400	40.00
Benzo(ghi)perylene	1.2750	1.1769	0.0500	7.700	40.00
Carbazole	1.0720	1.1319	0.0500	-5.600	100.00
==========	==========	==========	==========	==========	==========
Nitrobenzene-D5	0.3470	0.3670	0.0500	-5.800	40.00
2-Fluorobiphenyl	1.3200	1.3490	0.0500	-2.200	40.00
p-Terphenyl-d14	0.9540	0.9580	0.0500	-0.400	40.00
Phenol-D5	1.9150	1.9648	0.0500	-2.600	40.00
2-Fluorophenol	1.4230	1.4320	0.0500	-0.600	40.00
2,4,6-Tribromophenol	0.0900	0.0933	0.0500	-3.700	40.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090508\W26146.D Vial: 2
Acq On : 5 Sep 2008 11:17 Operator: AJ
Sample : SSTD050 Inst : Instrumen
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 05 11:59:29 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:49:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090508\W26146.D Vial: 2
Acq On : 5 Sep 2008 11:17 Operator: AJ
Sample : SSTD050 Inst : Instrumen
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 11:59:29 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:49:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDCHEM\1\DATA\090308\W26072.D (3 Sep 2008 10:44)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	102034	40.00	ng	-0.08 97.59%
20) CI40 Naphthalene-d8	7.59	136	433230	40.00	ng	-0.08 98.94%
35) CI50 Acenaphthene-d10	9.84	164	256137	40.00	ng	-0.07 104.57%
56) CI60 Phenanthrene-d10	11.57	188	474371	40.00	ng	-0.07 111.65%
68) CI70 Chrysene-d12	14.04	240	485054	40.00	ng	-0.07 116.47%
78) CI75 Perylene-d12	15.29	264	411520	40.00	ng	-0.10 117.64%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.18	112	182640	50.30	ng	-0.12
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.53%			
5) CS45 Phenol-d5	5.48	99	250593	51.30	ng	-0.08
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.20%			
6) CS70 2-chlorophenol-d4	5.64	132	195089	50.13	ng	-0.09
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.42%			
12) CS75 1,2-dichlorobenzene-d	6.13	152	118635	50.89	ng	-0.09
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.89%			
21) CS20 Nitrobenzene-d5	6.67	82	198762	52.89	ng	-0.08
Spiked Amount 100.000	Range 34 - 114		Recovery = 52.89%			
39) CS25 2-Fluorobiphenyl	9.00	172	431911	51.11	ng	-0.07
Spiked Amount 100.000	Range 43 - 116		Recovery = 51.11%			
59) CS55 2,4,6-Tribromophenol	10.80	330	55348	51.94	ng	-0.07
Spiked Amount 150.000	Range 10 - 123		Recovery = 34.63%			
71) CS30 Terphenyl-d14	13.12	244	580835	50.22	ng	-0.07
Spiked Amount 100.000	Range 33 - 141		Recovery = 50.22%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.41	74	106472	50.67	ng	88
4) C325 bis(2-Chloroethyl)eth	5.61	93	201678	49.84	ng	88
7) C315 Phenol	5.50	94	287407	54.34	ng	78
8) C330 2-Chlorophenol	5.66	128	207847	50.07	ng	89
9) C320 aniline	5.51	93	331039	51.34	ng	# 40
10) C335 1,3-Dichlorobenzene	5.86	146	219927	49.94	ng	97
11) C340 1,4-Dichlorobenzene	5.96	146	225963	50.96	ng	100
13) C350 1,2-Dichlorobenzene	6.15	146	214104	50.65	ng	99
14) C345 Benzyl alcohol	6.14	108	141844	52.91	ng	93
15) C360 bis(2-chloroisopropyl	6.32	45	309340	49.66	ng	94
16) C355 2-Methylphenol	6.29	108	190094	51.45	ng	98
17) C375 Hexachloroethane	6.59	117	81565	50.33	ng	95
18) C370 N-Nitroso-di-n-propyl	6.49	70	142544	51.86	ng	90
19) C365 4-Methylphenol	6.50	108	201853	52.34	ng	99
22) C410 Nitrobenzene	6.69	77	206941	52.09	ng	90
23) C415 Isophorone	7.01	82	399894	52.82	ng	95
24) C430 benzoic acid	7.40	122	295586	162.18	ng	94
25) C420 2-Nitrophenol	7.11	139	109365	54.21	ng	83
26) C425 2,4-Dimethylphenol	7.19	107	202948	52.08	ng	90
27) C435 bis(2-Chloroethoxy)me	7.31	93	238006	51.11	ng	97
28) C440 2,4-Dichlorophenol	7.43	162	174380	54.14	ng	94

Quantitation Report (QT Reviewed)

Data File : C:\MSDChem\1\DATA\090508\W26146.D Vial: 2
Acq On : 5 Sep 2008 11:17 Operator: AJ
Sample : SSTD050 Inst : Instrumen
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 11:59:29 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Aug 27 08:49:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDCHEM\1\DATA\090308\W26072.D (3 Sep 2008 10:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445	1,2,4-Trichlorobenzen	7.52	180	168269	51.15	ng		97
30) C450	Naphthalene	7.62	128	605700	51.26	ng		98
31) C455	4-Chloroaniline	7.71	127	250510	53.42	ng		97
32) C460	Hexachlorobutadiene	7.79	225	96771	50.77	ng		93
33) C465	4-Chloro-3-methylphen	8.36	107	181966	54.76	ng		88
34) C470	2-Methylnaphthalene	8.52	142	407562	52.28	ng		97
36) C510	Hexachlorocyclopentad	8.71	237	105470	49.80	ng		97
37) C515	2,4,6-Trichlorophenol	8.88	196	119617	53.04	ng		96
38) C520	2,4,5-Trichlorophenol	8.93	196	129720	53.47	ng		100
40) C525	2-Chloronaphthalene	9.14	162	391651	51.33	ng		97
41) C530	2-Nitroaniline	9.28	65	116775	57.69	ng	#	82
42) C540	Acenaphthylene	9.66	152	630541	52.35	ng		99
43) C535	Dimethylphthalate	9.54	163	457539	53.35	ng		98
44) C542	2,6-Dinitrotoluene	9.61	165	104803	58.62	ng		88
45) C550	Acenaphthene	9.88	153	378587	51.69	ng		97
46) C545	3-Nitroaniline	9.82	138	120382	58.06	ng	#	81
47) C555	2,4-Dinitrophenol	9.95	184	50098	55.01	ng	#	76
48) C565	Dibenzofuran	10.10	168	574592	52.88	ng		81
49) C570	2,4-Dinitrotoluene	10.11	165	145897	59.96	ng	#	1
50) C560	4-Nitrophenol	10.05	109	57108	56.25	ng	#	85
51) C590	Fluorene	10.52	166	473293	52.98	ng		96
52) C585	4-Chlorophenyl-phenyl	10.53	204	214982	52.87	ng		97
53) C580	Diethylphthalate	10.42	149	450649	54.90	ng		97
54) C620	1,2 diphenylhydrazine	10.72	77	467984	53.18	ng		93
55) C595	4-Nitroaniline	10.57	138	119871	59.33	ng		84
57) C610	4,6-Dinitro-2-methylp	10.60	198	79882	57.04	ng		100
58) C615	n-Nitrosodiphenylamin	10.68	169	333339	50.75	ng		98
60) C625	4-Bromophenyl-phenyle	11.09	248	131269	50.33	ng		95
61) C630	Hexachlorobenzene	11.14	284	132453	49.84	ng		99
62) C635	Pentachlorophenol	11.37	266	69054	50.69	ng		97
63) C640	Phenanthrene	11.59	178	684003	50.79	ng		98
64) C645	Anthracene	11.64	178	710744	51.76	ng		99
65) C647	carbazole	11.82	167	671156	52.81	ng		99
66) C650	Di-n-butylphthalate	12.18	149	804127	52.62	ng		99
67) C655	Fluoranthene	12.76	202	766266	53.91	ng		96
69) C715	Pyrene	12.97	202	791105	50.67	ng		96
70) C710	benzidine	12.90	184	381285	50.42	ng		99
72) C720	Butylbenzylphthalate	13.55	149	372297	53.66	ng		92
73) C725	3,3'-Dichlorobenzidin	14.01	252	278715	58.43	ng		99
74) C730	Benzo[a]anthracene	14.04	228	760775	53.66	ng		100
75) C735	Chrysene	14.07	228	721096	49.22	ng		98
76) C740	bis(2-Ethylhexyl)phth	14.03	149	530583	52.45	ng		99
77) C760	Di-n-octylphthalate	14.56	149	902118	52.94	ng		99
79) C765	Benzo[b]fluoranthene	14.95	252	758738	53.80	ng		98
80) C770	Benzo[k]fluoranthene	14.97	252	722756	51.51	ng		98
81) C775	Benzo[a]pyrene	15.25	252	658773	52.52	ng		99
82) C780	Indeno[1,2,3-cd]pyren	16.38	276	729336	48.42	ng		96
83) C785	Dibenz[a,h]anthracene	16.40	278	644293	49.79	ng		99
84) C790	Benzo[g,h,i]perylene	16.69	276	605389	46.15	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002220-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: W26147.RR Calibration Date: 09/05/2008 Time: 11:40

Intrument ID: HP5973W Init. Calib. Date(s): 08/11/2008 08/11/2008

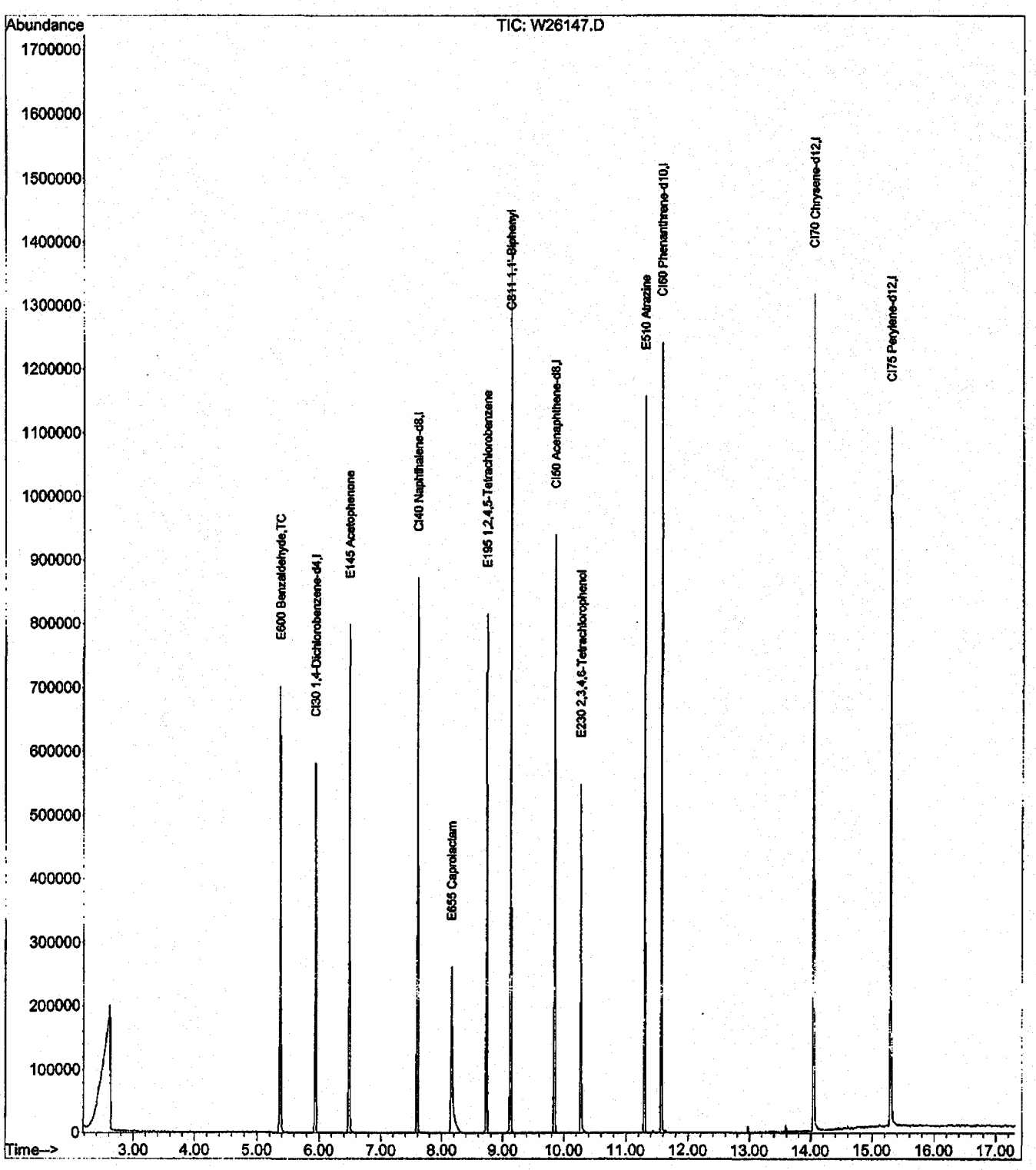
Init. Calib. Times: 12:25 14:19

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1170	0.1118	0.0500	4.400	40.00
Atrazine	0.2080	0.2088	0.0500	-0.400	40.00
Acetophenone	2.2110	2.0409	0.0500	7.700	40.00
Biphenyl	1.6050	1.5724	0.0500	2.000	40.00
Benzaldehyde	1.4040	1.2797	0.0500	8.800	40.00

Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\090508\W26147.D Vial: 3
Acq On : 5 Sep 2008 11:40 Operator: AJ
Sample : SSTD050 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 08 15:59:00 2008 Results File: A8I0000599.RES
Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Sep 08 15:19:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDChem\1\DATA\090508\W26147.D Vial: 3
Acq On : 5 Sep 2008 11:40 Operator: AJ
Sample : SSTD050 Inst : Instrumen
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 15:59:00 2008 Results File: A8I0000599.RES

Quant Method : C:\MSDCHEM\1...\A8I0000599.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Sep 08 15:19:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090308\W26073.D (3 Sep 2008 11:07)

OK 9/9/08 W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	101493	40.00	ng	-0.02 78.57%
4) CI40 Naphthalene-d8	7.59	136	426303	40.00	ng	-0.02 79.04%
7) CI50 Acenaphthene-d8	9.84	164	243503	40.00	ng	-0.02 79.06%
10) CI60 Phenanthrene-d10	11.56	188	451193	40.00	ng	-0.02 81.32%
12) CI70 Chrysene-d12	14.04	240	452386	40.00	ng	-0.02 80.27%
13) CI75 Perylene-d12	15.29	264	411726	40.00	ng	-0.02 80.19%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.36	77	162356	45.57	ng	85
3) E145 Acetophenone	6.47	105	258916	46.15	ng	89
5) E655 Caprolactam	8.15	113	59553	44.85	ng	# 67
6) E195 1,2,4,5-Tetrachlorobe	8.73	216	156597	51.05	ng	# 100
8) C811 1,1'-Biphenyl	9.12	154	478600	48.99	ng	96
9) E230 2,3,4,6-Tetrachloroph	10.26	232	75146	45.58	ng	96
11) E510 Atrazine	11.29	200	117763	50.22	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002219-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26207.RR Calibration Date: 09/05/2008 Time: 10:41

Intrument ID: HP5973X Init. Calib. Date(s): 08/16/2008 08/16/2008

Init. Calib. Times: 10:54 12:48

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.0400	2.1277	0.0500	-4.300	20.00
Bis(2-chloroethyl) ether	1.4900	1.5300	0.0500	-2.700	40.00
2-Chlorophenol	1.5370	1.5773	0.0500	-2.600	40.00
2-Methylphenol	1.3120	1.3586	0.0500	-3.600	40.00
2,2'-Oxybis(1-Chloropropane)	2.5580	3.2330	0.0500	-26.400	40.00
4-Methylphenol	1.3610	1.4375	0.0500	-5.600	40.00
N-Nitroso-Di-n-propylamine	1.0180	1.1069	0.0500	-8.700	40.00
Hexachloroethane	0.6270	0.6562	0.0500	-4.600	40.00
Nitrobenzene	0.4420	0.4846	0.0500	-9.600	40.00
Isophorone	0.7540	0.7796	0.0500	-3.400	40.00
2-Nitrophenol	0.2000	0.2153	0.0500	-7.600	20.00
2,4-Dimethylphenol	0.3940	0.4134	0.0500	-4.900	40.00
Bis(2-chloroethoxy) methane	0.4580	0.4646	0.0500	-1.400	40.00
2,4-Dichlorophenol	0.3050	0.3087	0.0500	-1.200	20.00
Naphthalene	1.1130	1.1357	0.0500	-2.000	40.00
4-Chloroaniline	0.4560	0.4576	0.0500	-0.400	40.00
Hexachlorobutadiene	0.1610	0.1698	0.0500	-5.500	20.00
4-Chloro-3-methylphenol	0.3270	0.3418	0.0500	-4.500	20.00
2-Methylnaphthalene	0.6980	0.7093	0.0500	-1.600	40.00
Hexachlorocyclopentadiene	0.3420	0.3565	0.0500	-4.200	40.00
2,4,6-Trichlorophenol	0.3620	0.3737	0.0500	-3.200	20.00
2,4,5-Trichlorophenol	0.3820	0.3932	0.0500	-2.900	40.00
2-Chloronaphthalene	1.2780	1.2995	0.0500	-1.700	40.00
2-Nitroaniline	0.4860	0.5072	0.0500	-4.400	40.00
Dimethyl phthalate	1.4010	1.3335	0.0500	4.800	40.00
Acenaphthylene	2.0440	2.0010	0.0500	2.100	40.00
2,6-Dinitrotoluene	0.3160	0.3183	0.0500	-0.700	40.00
3-Nitroaniline	0.3530	0.3569	0.0500	-1.100	40.00
Acenaphthene	1.2240	1.1810	0.0500	3.500	20.00
2,4-Dinitrophenol	0.1560	0.1494	0.0500	4.200	40.00
4-Nitrophenol	0.2160	0.2188	0.0500	-1.300	40.00
Dibenzofuran	1.7250	1.7340	0.0500	-0.500	40.00
2,4-Dinitrotoluene	0.4290	0.4194	0.0500	2.200	40.00
Diethyl phthalate	1.3740	1.3538	0.0500	1.500	40.00
4-Chlorophenyl phenyl ether	0.5830	0.5990	0.0500	-2.700	40.00
Fluorene	1.3920	1.3980	0.0500	-0.400	40.00
4-Nitroaniline	0.3660	0.3485	0.0500	4.800	40.00
4,6-Dinitro-2-methylphenol	0.1200	0.1354	0.0500	-12.800	40.00
N-nitrosodiphenylamine	0.5980	0.6181	0.0500	-3.400	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002219-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26207.RR Calibration Date: 09/05/2008 Time: 10:41

Intrument ID: HP5973X Init. Calib. Date(s): 08/16/2008 08/16/2008

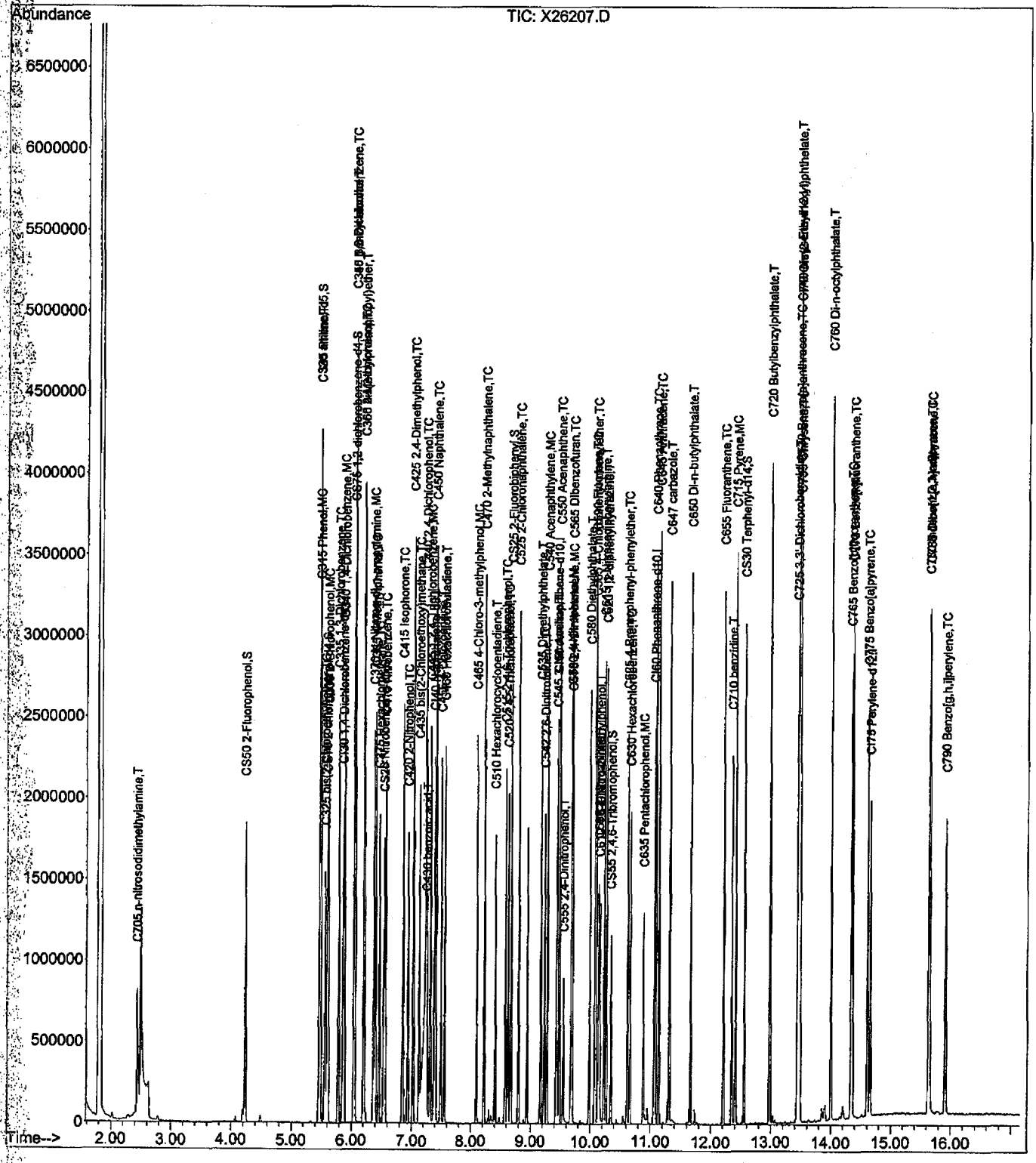
Init. Calib. Times: 10:54 12:48

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1970	0.2191	0.0500	-11.200	40.00
Hexachlorobenzene	0.2160	0.2304	0.0500	-6.700	40.00
Pentachlorophenol	0.1290	0.1248	0.0500	3.200	20.00
Phenanthrene	1.1080	1.1543	0.0500	-4.200	40.00
Anthracene	1.1230	1.1952	0.0500	-6.400	40.00
Di-n-butyl phthalate	1.3730	1.4776	0.0500	-7.600	40.00
Fluoranthene	1.1900	1.2141	0.0500	-2.000	20.00
Pyrene	1.2290	1.3741	0.0500	-11.800	40.00
Butyl benzyl phthalate	0.6620	0.7433	0.0500	-12.300	40.00
3,3'-Dichlorobenzidine	0.5010	0.4918	0.0500	1.800	40.00
Benzo(a)anthracene	1.2370	1.2460	0.0500	-0.700	40.00
Chrysene	1.2250	1.1780	0.0500	3.800	40.00
Bis(2-ethylhexyl) phthalate	0.9410	1.0460	0.0500	-11.200	40.00
Di-n-octyl phthalate	1.7710	1.8209	0.0500	-2.800	20.00
Benzo(b)fluoranthene	1.3230	1.3918	0.0500	-5.200	40.00
Benzo(k)fluoranthene	1.1660	1.4334	0.0500	-22.900	40.00
Benzo(a)pyrene	1.2080	1.3039	0.0500	-7.900	20.00
Indeno(1,2,3-cd)pyrene	1.7290	1.5815	0.0500	8.500	40.00
Dibenzo(a,h)anthracene	1.4610	1.3678	0.0500	6.400	40.00
Benzo(ghi)perylene	1.5520	1.3807	0.0500	11.000	40.00
Carbazole	1.1770	1.1946	0.0500	-1.500	100.00
Nitrobenzene-D5	0.4160	0.4471	0.0500	-7.500	40.00
2-Fluorobiphenyl	1.4500	1.4313	0.0500	1.300	40.00
p-Terphenyl-d14	0.8540	0.9609	0.0500	-12.500	40.00
Phenol-D5	1.8650	1.8964	0.0500	-1.700	40.00
2-Fluorophenol	1.5290	1.5280	0.0500	0.100	40.00
2,4,6-Tribromophenol	0.1000	0.1090	0.0500	-9.000	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\X26207.D Vial: 2
Acq On : 5 Sep 2008 10:41 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 05 11:01:35 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 10:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\X26207.D Vial: 2
Acq On : 5 Sep 2008 10:41 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 11:01:35 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 10:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090408\X26195.D (4 Sep 2008 21:27)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	288801	40.00	ng	0.00 124.11%
20) CI40 Naphthalene-d8	7.38	136	1000855	40.00	ng	0.00 124.68%
35) CI50 Acenaphthene-d10	9.44	164	499660	40.00	ng	0.00 127.15%
56) CI60 Phenanthrene-d10	11.06	188	772779	40.00	ng	0.00 118.17%
68) CI70 Chrysene-d12	13.46	240	691714	40.00	ng	0.00 114.48%
78) CI75 Perylene-d12	14.65	264	614929	40.00	ng	-0.01 102.65%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.23	112	551620	49.97	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.31%			
15) CS45 Phenol-d5	5.47	99	684613	50.84	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 33.89%			
16) CS70 2-chlorophenol-d4	5.59	132	518423	50.42	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.61%			
12) CS75 1,2-dichlorobenzene-d	6.04	152	325660	50.94	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.94%			
21) CS20 Nitrobenzene-d5	6.53	82	559373	53.69	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 53.69%			
39) CS25 2-Fluorobiphenyl	8.67	172	893935	49.35	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.35%			
59) CS55 2,4,6-Tribromophenol	10.34	330	105307	54.61	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 36.41%			
71) CS30 Terphenyl-d14	12.55	244	830864	56.29	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 56.29%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.43	74	327988	49.97	ng	# 54
4) C325 bis(2-Chloroethyl)eth	5.56	93	552318	51.34	ng	# 78
7) C315 Phenol	5.48	94	768114	52.15	ng	96
8) C330 2-Chlorophenol	5.61	128	569425	51.32	ng	88
9) C320 aniline	5.47	93	872131	54.82	ng	# 53
10) C335 1,3-Dichlorobenzene	5.79	146	608802	50.00	ng	100
11) C340 1,4-Dichlorobenzene	5.88	146	618776	50.59	ng	97
13) C350 1,2-Dichlorobenzene	6.06	146	556231	50.68	ng	99
14) C345 Benzyl alcohol	6.05	108	368635	53.44	ng	90
15) C360 bis(2-chloroisopropyl	6.21	45	1167114	63.20	ng	67
16) C355 2-Methylphenol	6.21	108	490454	51.77	ng	95
17) C375 Hexachloroethane	6.46	117	236890	52.34	ng	95
18) C370 N-Nitroso-di-n-propyl	6.37	70	399609	54.39	ng	87
19) C365 4-Methylphenol	6.40	108	518955	52.83	ng	98
22) C410 Nitrobenzene	6.56	77	606242	54.80	ng	94
23) C415 Isophorone	6.85	82	975275	51.72	ng	91
24) C430 benzoic acid	7.26	122	842352	151.73	ng	# 73
25) C420 2-Nitrophenol	6.93	139	269374	53.74	ng	98
26) C425 2,4-Dimethylphenol	7.03	107	517227	52.44	ng	96
27) C435 bis(2-Chloroethoxy)me	7.13	93	581255	50.72	ng	97
28) C440 2,4-Dichlorophenol	7.23	162	386153	50.67	ng	98

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\X26207.D Vial: 2
Acq On : 5 Sep 2008 10:41 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 11:01:35 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 10:54:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090408\X26195.D (4 Sep 2008 21:27)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	397318	52.74	ng		94
30) C450 Naphthalene	7.41	128	1420834	51.00	ng		98
31) C455 4-Chloroaniline	7.50	127	572461	50.16	ng		100
32) C460 Hexachlorobutadiene	7.55	225	212435	52.90	ng		96
33) C465 4-Chloro-3-methylphen	8.09	107	427626	52.22	ng		93
34) C470 2-Methylnaphthalene	8.22	142	887440	50.83	ng		98
36) C510 Hexachlorocyclopentad	8.40	237	222686	52.13	ng		94
37) C515 2,4,6-Trichlorophenol	8.57	196	233425	51.69	ng		97
38) C520 2,4,5-Trichlorophenol	8.62	196	245614	51.43	ng		99
40) C525 2-Chloronaphthalene	8.79	162	811637	50.86	ng		97
41) C530 2-Nitroaniline	10.14	65	316783	52.23	ng		89
42) C540 Acenaphthylene	9.28	152	1249778	48.96	ng		98
43) C535 Dimethylphthalate	9.16	163	832873	47.58	ng		98
44) C542 2,6-Dinitrotoluene	9.23	165	198771	50.30	ng		96
45) C550 Acenaphthene	9.48	153	737613	48.24	ng		99
46) C545 3-Nitroaniline	9.43	138	222906	50.49	ng		93
47) C555 2,4-Dinitrophenol	9.54	184	93337	44.99	ng	#	69
48) C565 Dibenzofuran	9.68	168	1082999	50.27	ng		83
49) C570 2,4-Dinitrotoluene	9.70	165	261937	48.89	ng		74
50) C560 4-Nitrophenol	9.67	109	136634	50.57	ng	#	70
51) C590 Fluorene	10.08	166	873148	50.22	ng		99
52) C585 4-Chlorophenyl-phenyl	10.09	204	374143	51.34	ng		83
53) C580 Diethylphthalate	9.99	149	845568	49.28	ng		98
54) C620 1,2-diphenylhydrazine	10.26	77	1015457	52.86	ng		89
55) C595 4-Nitroaniline	10.14	138	217657	47.54	ng		93
57) C610 4,6-Dinitro-2-methylp	10.15	198	130771	53.09	ng		100
58) C615 n-Nitrosodiphenylamin	10.23	169	597039	51.71	ng		99
60) C625 4-Bromophenyl-phenyle	10.62	248	211659	55.74	ng		90
61) C630 Hexachlorobenzene	10.66	284	222590	53.24	ng		86
62) C635 Pentachlorophenol	10.88	266	120576	48.41	ng		97
63) C640 Phenanthrene	11.08	178	1114981	52.08	ng		99
64) C645 Anthracene	11.14	178	1154573	53.22	ng		98
65) C647 carbazole	11.31	167	1153967	50.74	ng		98
66) C650 Di-n-butylphthalate	11.65	149	1427363	53.80	ng		100
67) C655 Fluoranthene	12.20	202	1172741	51.02	ng		92
69) C715 Pyrene	12.41	202	1188098	55.91	ng		90
70) C710 benzidine	12.34	184	685312	68.55	ng		100
72) C720 Butylbenzylphthalate	12.98	149	642727	56.13	ng		92
73) C725 3,3'-Dichlorobenzidin	13.43	252	425206	49.09	ng		99
74) C730 Benzo[a]anthracene	13.45	228	1077306	50.38	ng		98
75) C735 Chrysene	13.48	228	1018562	48.10	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.47	149	904457	55.56	ng		90
77) C760 Di-n-octylphthalate	14.00	149	1574386	51.41	ng		100
79) C765 Benzo[b]fluoranthene	14.33	252	1069858	52.61	ng		88
80) C770 Benzo[k]fluoranthene	14.36	252	1101774	57.48	ng		98
81) C775 Benzo[a]pyrene	14.61	252	1002281	53.95	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.64	276	1215640	45.72	ng		94
83) C785 Dibenz[a,h]anthracene	15.65	278	1051389	46.80	ng		96
84) C790 Benzo[g,h,i]perylene	15.92	276	1061288	44.47	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002219-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26208.RR Calibration Date: 09/05/2008 Time: 11:04

Intrument ID: HP5973X Init. Calib. Date(s): 08/13/2008 08/13/2008

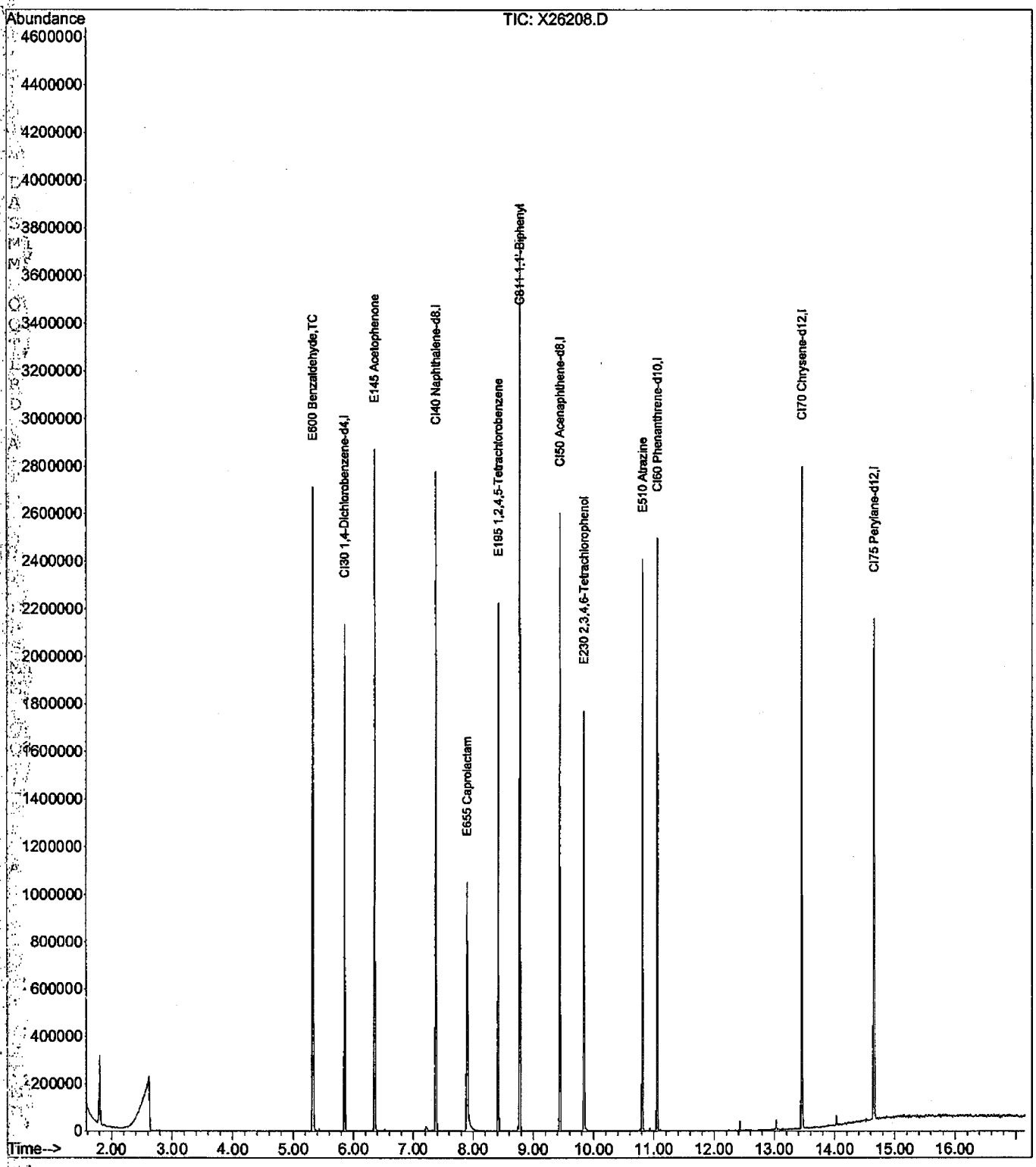
Init. Calib. Times: 15:45 17:39

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1020	0.1118	0.0500	-9.600	40.00
Atrazine	0.1830	0.2007	0.0500	-9.700	40.00
Acetophenone	1.9750	2.0818	0.0500	-5.400	40.00
Biphenyl	1.7260	1.6684	0.0500	3.300	40.00
Benzaldehyde	1.3500	1.4271	0.0500	-5.700	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\X26208.D Vial: 3
Acq On : 5 Sep 2008 11:04 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS (8-8-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 05 14:39:51 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\X26208.D Vial: 3
Acq On : 5 Sep 2008 11:04 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS (8-8-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 14:39:51 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	300993	40.00	ng	0.00 83.34%
4) CI40 Naphthalene-d8	7.38	136	1109210	40.00	ng	0.00 87.22%
7) CI50 Acenaphthene-d8	9.44	164	536894	40.00	ng	0.00 100.05%
10) CI60 Phenanthrene-d10	11.06	188	863249	40.00	ng	0.00 111.46%
12) CI70 Chrysene-d12	13.45	240	759279	40.00	ng	0.00 92.01%
13) CI75 Perylene-d12	14.65	264	641715	40.00	ng	0.00 56.11%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.33	77	536932	52.86	ng	96
3) E145 Acetophenone	6.36	105	783241	52.70	ng	96
5) E655 Caprolactam	7.90	113	155025	55.08	ng	# 35
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	371409	54.62	ng	97
8) C811 1,1'-Biphenyl	8.78	154	1119691	48.33	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.84	232	178671	62.73	ng	# 100
11) E510 Atrazine	10.81	200	216614	54.81	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002236-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26236.RR Calibration Date: 09/06/2008 Time: 09:15

Intrument ID: HP5973X Init. Calib. Date(s): 08/16/2008 08/16/2008

Init. Calib. Times: 10:54 12:48

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.0400	2.2320	0.0500	-9.400	20.00
Bis(2-chloroethyl) ether	1.4900	1.6039	0.0500	-7.600	40.00
2-Chlorophenol	1.5370	1.6149	0.0500	-5.100	40.00
2-Methylphenol	1.3120	1.4614	0.0500	-11.400	40.00
2,2'-Oxybis(1-Chloropropane)	2.5580	3.4066	0.0500	-33.200	40.00
4-Methylphenol	1.3610	1.5632	0.0500	-14.800	40.00
N-Nitroso-Di-n-propylamine	1.0180	1.1881	0.0500	-16.700	40.00
Hexachloroethane	0.6270	0.6794	0.0500	-8.400	40.00
Nitrobenzene	0.4420	0.4930	0.0500	-11.500	40.00
Isophorone	0.7540	0.8349	0.0500	-10.700	40.00
2-Nitrophenol	0.2000	0.2162	0.0500	-8.100	20.00
2,4-Dimethylphenol	0.3940	0.4299	0.0500	-9.100	40.00
Bis(2-chloroethoxy) methane	0.4580	0.4715	0.0500	-2.900	40.00
2,4-Dichlorophenol	0.3050	0.3157	0.0500	-3.500	20.00
Naphthalene	1.1130	1.1364	0.0500	-2.100	40.00
4-Chloroaniline	0.4560	0.4780	0.0500	-4.800	40.00
Hexachlorobutadiene	0.1610	0.1732	0.0500	-7.600	20.00
4-Chloro-3-methylphenol	0.3270	0.3784	0.0500	-15.700	20.00
2-Methylnaphthalene	0.6980	0.7475	0.0500	-7.100	40.00
Hexachlorocyclopentadiene	0.3420	0.3391	0.0500	0.900	40.00
2,4,6-Trichlorophenol	0.3620	0.3683	0.0500	-1.700	20.00
2,4,5-Trichlorophenol	0.3820	0.3787	0.0500	0.900	40.00
2-Chloronaphthalene	1.2780	1.2399	0.0500	3.000	40.00
2-Nitroaniline	0.4860	0.5558	0.0500	-14.400	40.00
Dimethyl phthalate	1.4010	1.3990	0.0500	0.100	40.00
Acenaphthylene	2.0440	1.9881	0.0500	2.700	40.00
2,6-Dinitrotoluene	0.3160	0.3238	0.0500	-2.500	40.00
3-Nitroaniline	0.3530	0.3792	0.0500	-7.400	40.00
Acenaphthene	1.2240	1.1741	0.0500	4.100	20.00
2,4-Dinitrophenol	0.1560	0.1679	0.0500	-7.600	40.00
4-Nitrophenol	0.2160	0.2429	0.0500	-12.400	40.00
Dibenzofuran	1.7250	1.7228	0.0500	0.100	40.00
2,4-Dinitrotoluene	0.4290	0.4596	0.0500	-7.100	40.00
Diethyl phthalate	1.3740	1.4500	0.0500	-5.500	40.00
4-Chlorophenyl phenyl ether	0.5830	0.6217	0.0500	-6.600	40.00
Fluorene	1.3920	1.4148	0.0500	-1.600	40.00
4-Nitroaniline	0.3660	0.3781	0.0500	-3.300	40.00
4,6-Dinitro-2-methylphenol	0.1200	0.1387	0.0500	-15.600	40.00
N-nitrosodiphenylamine	0.5980	0.6043	0.0500	-1.000	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002236-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26236.RR Calibration Date: 09/06/2008 Time: 09:15

Intrument ID: HP5973X Init. Calib. Date(s): 08/16/2008 08/16/2008

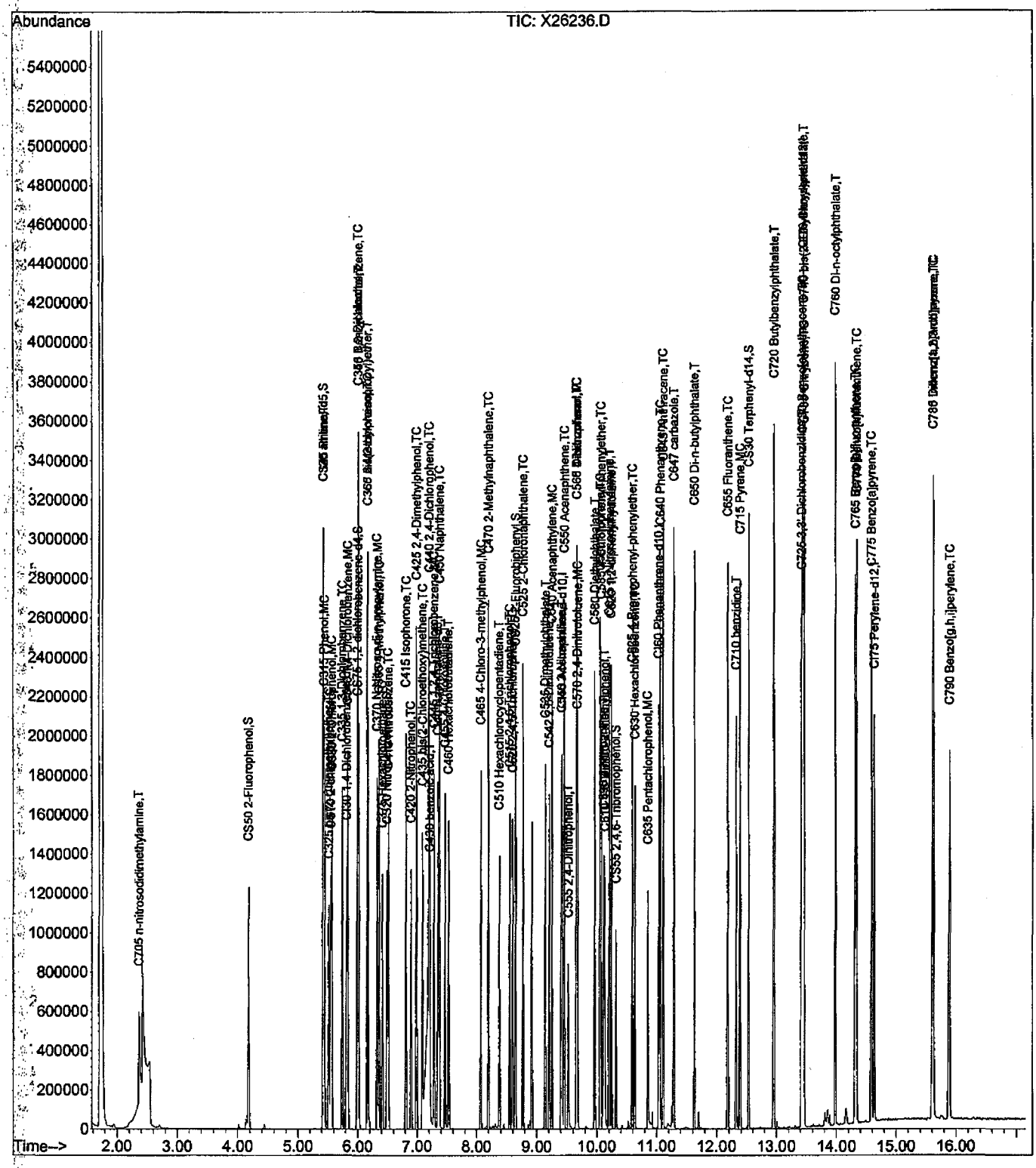
Init. Calib. Times: 10:54 12:48

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1970	0.2125	0.0500	-7.900	40.00
Hexachlorobenzene	0.2160	0.2295	0.0500	-6.200	40.00
Pentachlorophenol	0.1290	0.1239	0.0500	4.000	20.00
Phenanthrene	1.1080	1.1527	0.0500	-4.000	40.00
Anthracene	1.1230	1.1598	0.0500	-3.300	40.00
Di-n-butyl phthalate	1.3730	1.4820	0.0500	-7.900	40.00
Fluoranthene	1.1900	1.2571	0.0500	-5.600	20.00
Pyrene	1.2290	1.3199	0.0500	-7.400	40.00
Butyl benzyl phthalate	0.6620	0.7269	0.0500	-9.800	40.00
3,3'-Dichlorobenzidine	0.5010	0.4950	0.0500	1.200	40.00
Benzo(a)anthracene	1.2370	1.2541	0.0500	-1.400	40.00
Chrysene	1.2250	1.1635	0.0500	5.000	40.00
Bis(2-ethylhexyl) phthalate	0.9410	1.0205	0.0500	-8.400	40.00
Di-n-octyl phthalate	1.7710	1.7884	0.0500	-1.000	20.00
Benzo(b)fluoranthene	1.3230	1.3855	0.0500	-4.700	40.00
Benzo(k)fluoranthene	1.1660	1.4089	0.0500	-20.800	40.00
Benzo(a)pyrene	1.2080	1.3138	0.0500	-8.800	20.00
Indeno(1,2,3-cd)pyrene	1.7290	1.6256	0.0500	6.000	40.00
Dibenzo(a,h)anthracene	1.4610	1.4125	0.0500	3.300	40.00
Benzo(ghi)perylene	1.5520	1.4366	0.0500	7.400	40.00
Carbazole	1.1770	1.2172	0.0500	-3.400	100.00
Nitrobenzene-D5	0.4160	0.4581	0.0500	-10.100	40.00
2-Fluorobiphenyl	1.4500	1.3822	0.0500	4.700	40.00
p-Terphenyl-d14	0.8540	0.9318	0.0500	-9.100	40.00
Phenol-D5	1.8650	1.9875	0.0500	-6.600	40.00
2-Fluorophenol	1.5290	1.5491	0.0500	-1.300	40.00
2,4,6-Tribromophenol	0.1000	0.1051	0.0500	-5.100	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26236.D Vial: 2
Acq On : 6 Sep 2008 9:15 Operator: RM
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 06 09:33:29 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:31:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26236.D Vial: 2
Acq On : 6 Sep 2008 9:15 Operator: RM
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 06 09:33:29 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:31:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.81	152	185985	40.00	ng	-0.05 79.93%
20) CI40 Naphthalene-d8	7.35	136	694282	40.00	ng	-0.04 86.49%
35) CI50 Acenaphthene-d10	9.42	164	391774	40.00	ng	-0.03 99.69%
56) CI60 Phenanthrene-d10	11.03	188	655302	40.00	ng	-0.03 100.21%
68) CI70 Chrysene-d12	13.44	240	639074	40.00	ng	-0.03 105.77%
78) CI75 Perylene-d12	14.63	264	605140	40.00	ng	-0.03 101.02%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.18	112	360138	50.66	ng	-0.05
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.77%			
5) CS45 Phenol-d5	5.42	99	462062	53.28	ng	-0.04
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.52%			
16) CS70 2-chlorophenol-d4	5.55	132	338423	51.11	ng	-0.04
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.07%			
12) CS75 1,2-dichlorobenzene-d	5.99	152	214153	52.01	ng	-0.05
Spiked Amount 100.000	Range 16 - 110		Recovery = 52.01%			
21) CS20 Nitrobenzene-d5	6.49	82	397528	55.00	ng	-0.05
Spiked Amount 100.000	Range 34 - 114		Recovery = 55.00%			
39) CS25 2-Fluorobiphenyl	8.64	172	676910	47.66	ng	-0.03
Spiked Amount 100.000	Range 43 - 116		Recovery = 47.66%			
59) CS55 2,4,6-Tribromophenol	10.32	330	86083	52.65	ng	-0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 35.10%			
71) CS30 Terphenyl-d14	12.53	244	744385	54.58	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 54.58%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.37	74	225138	53.05	ng	# 51
4) C325 bis(2-Chloroethyl)eth	5.51	93	372866	53.82	ng	# 81
7) C315 Phenol	5.44	94	518898	54.70	ng	97
8) C330 2-Chlorophenol	5.57	128	375442	52.55	ng	87
9) C320 aniline	5.42	93	581371	56.75	ng	# 47
10) C335 1,3-Dichlorobenzene	5.74	146	387854	49.47	ng	99
11) C340 1,4-Dichlorobenzene	5.83	146	400382	50.83	ng	96
13) C350 1,2-Dichlorobenzene	6.01	146	360135	50.95	ng	98
14) C345 Benzyl alcohol	6.01	108	259505	58.42	ng	88
15) C360 bis(2-chloroisopropyl	6.17	45	791976	66.59	ng	60
16) C355 2-Methylphenol	6.17	108	339740	55.69	ng	95
17) C375 Hexachloroethane	6.42	117	157946	54.19	ng	99
18) C370 N-Nitroso-di-n-propyl	6.33	70	276220	58.38	ng	92
19) C365 4-Methylphenol	6.36	108	363419	57.45	ng	96
22) C410 Nitrobenzene	6.52	77	427882	55.76	ng	94
23) C415 Isophorone	6.81	82	724554	55.39	ng	90
24) C430 benzoic acid	7.22	122	630963	162.17	ng	# 73
25) C420 2-Nitrophenol	6.90	139	187596	53.95	ng	94
26) C425 2,4-Dimethylphenol	6.99	107	373073	54.52	ng	93
27) C435 bis(2-Chloroethoxy)me	7.09	93	409221	51.47	ng	96
28) C440 2,4-Dichlorophenol	7.20	162	274024	51.84	ng	99

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26236.D Vial: 2
Acq On : 6 Sep 2008 9:15 Operator: RM
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 06 09:33:29 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:31:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.28	180	274537	52.54	ng		91
30) C450 Naphthalene	7.37	128	986258	51.03	ng		99
31) C455 4-Chloroaniline	7.46	127	414819	52.39	ng		100
32) C460 Hexachlorobutadiene	7.52	225	150286	53.95	ng		98
33) C465 4-Chloro-3-methylphen	8.07	107	328420	57.81	ng		97
34) C470 2-Methylnaphthalene	8.20	142	648696	53.56	ng		95
36) C510 Hexachlorocyclopentad	8.38	237	166076	49.58	ng		95
37) C515 2,4,6-Trichlorophenol	8.55	196	180373	50.94	ng		97
38) C520 2,4,5-Trichlorophenol	8.60	196	185433	49.52	ng		96
40) C525 2-Chloronaphthalene	8.77	162	607212	48.53	ng		94
41) C530 2-Nitroaniline	10.11	65	272189	57.24	ng		82
42) C540 Acenaphthylene	9.25	152	973599	48.64	ng		99
43) C535 Dimethylphthalate	9.14	163	685094	49.92	ng		99
44) C542 2,6-Dinitrotoluene	9.21	165	158591	51.18	ng		95
45) C550 Acenaphthene	9.46	153	574996	47.96	ng		96
46) C545 3-Nitroaniline	9.41	138	185692	53.65	ng		85
47) C555 2,4-Dinitrophenol	9.52	184	82211	49.54	ng	#	64
48) C565 Dibenzofuran	9.66	168	843695	49.95	ng		78
49) C570 2,4-Dinitrotoluene	9.68	165	225074	53.58	ng		79
50) C560 4-Nitrophenol	9.66	109	118960	56.16	ng	#	58
51) C590 Fluorene	10.05	166	692874	50.82	ng		98
52) C585 4-Chlorophenyl-phenyl	10.07	204	304469	53.28	ng	#	80
53) C580 Diethylphthalate	9.96	149	710071	52.78	ng		97
54) C620 1,2-diphenylhydrazine	10.24	77	820681	54.48	ng		89
55) C595 4-Nitroaniline	10.11	138	185177	51.59	ng		86
57) C610 4,6-Dinitro-2-methylp	10.13	198	113620	54.29	ng		100
58) C615 n-Nitrosodiphenylamin	10.21	169	495009	50.56	ng		98
60) C625 4-Bromophenyl-phenyle	10.59	248	174103	54.07	ng	#	79
61) C630 Hexachlorobenzene	10.63	284	187976	53.02	ng		79
62) C635 Pentachlorophenol	10.85	266	101478	48.04	ng		94
63) C640 Phenanthrene	11.06	178	944202	52.01	ng		98
64) C645 Anthracene	11.11	178	949987	51.64	ng		99
65) C647 carbazole	11.29	167	997069	51.71	ng		98
66) C650 Di-n-butylphthalate	11.63	149	1213932	53.96	ng		99
67) C655 Fluoranthene	12.18	202	1029725	52.83	ng		88
69) C715 Pyrene	12.39	202	1054365	53.71	ng		84
70) C710 benzidine	12.32	184	602402	65.22	ng		99
72) C720 Butylbenzylphthalate	12.96	149	580655	54.89	ng		99
73) C725 3,3'-Dichlorobenzidin	13.41	252	395403	49.41	ng		99
74) C730 Benzo[a]anthracene	13.43	228	1001829	50.71	ng		98
75) C735 Chrysene	13.46	228	929432	47.50	ng		96
76) C740 bis(2-Ethylhexyl)phth	13.45	149	815185	54.20	ng		93
77) C760 Di-n-octylphthalate	13.98	149	1428672	50.49	ng		100
79) C765 Benzo[b]fluoranthene	14.31	252	1048028	52.37	ng		100
80) C770 Benzo[k]fluoranthene	14.34	252	1065747	56.28	ng		97
81) C775 Benzo[a]pyrene	14.58	252	993783	54.36	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.61	276	1229640	47.00	ng		92
83) C785 Dibenz[a,h]anthracene	15.62	278	1068452	48.33	ng		97
84) C790 Benzo[g,h,i]perylene	15.89	276	1086697	46.27	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002236-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26237.RR Calibration Date: 09/06/2008 Time: 09:38

Intrument ID: HP5973X Init. Calib. Date(s): 08/13/2008 08/13/2008

Init. Calib. Times: 15:45 17:39

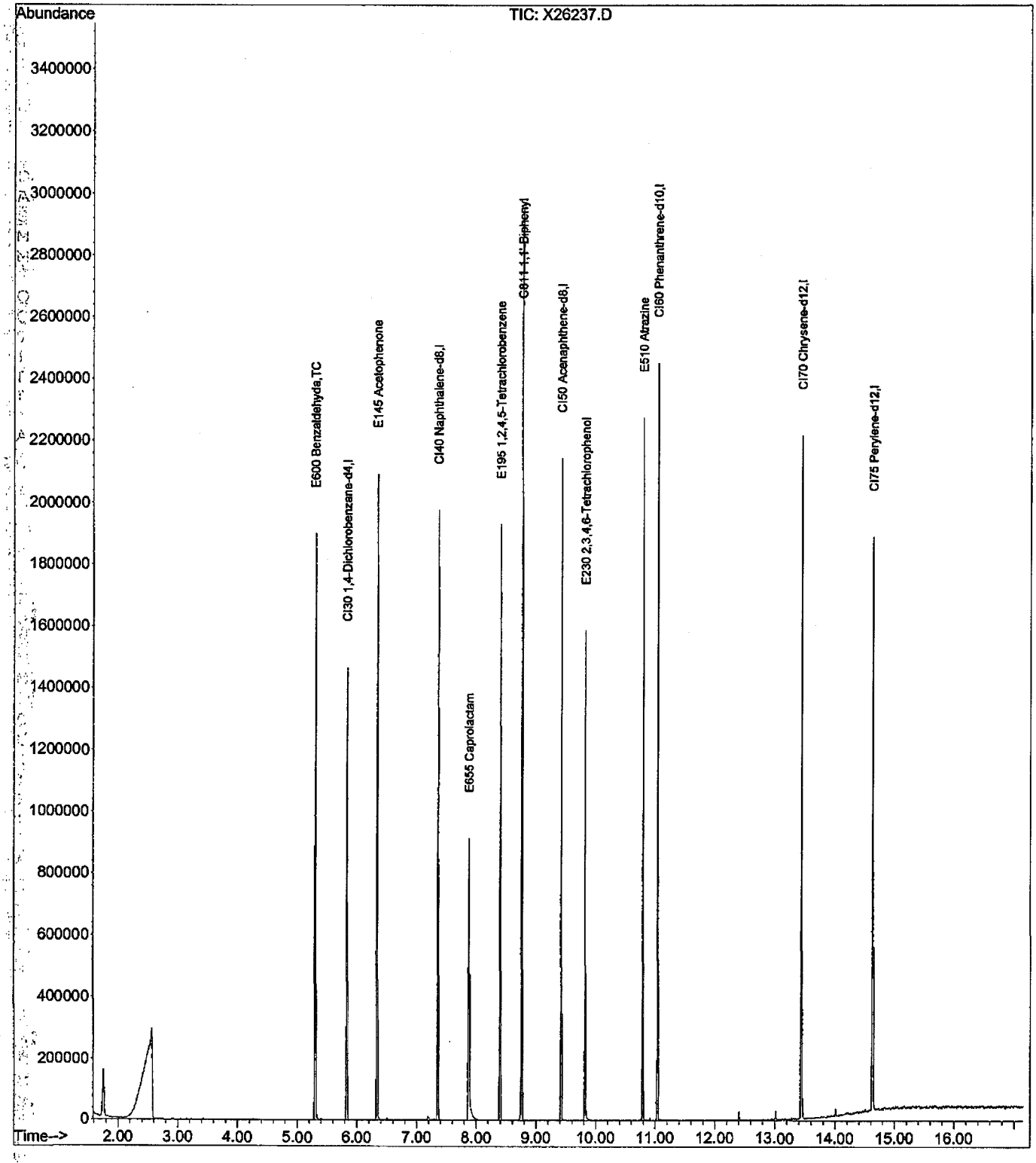
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1020	0.1236	0.0500	-21.200	40.00
Atrazine	0.1830	0.2019	0.0500	-10.300	40.00
Acetophenone	1.9750	2.1761	0.0500	-10.200	40.00
Biphenyl	1.7260	1.6481	0.0500	4.500	40.00
Benzaldehyde	1.3500	1.4175	0.0500	-5.000	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26237.D
Acq On : 6 Sep 2008 9:38
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p

Vial: 3
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 06 09:56:34 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26237.D Vial: 3
Acq On : 6 Sep 2008 9:38 Operator: RM
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 06 09:56:34 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.83	152	209396	40.00	ng	-0.03 57.98%
4) CI40 Naphthalene-d8	7.36	136	812366	40.00	ng	-0.03 63.88%
7) CI50 Acenaphthene-d8	9.42	164	435260	40.00	ng	-0.02 81.11%
10) CI60 Phenanthrene-d10	11.04	188	738234	40.00	ng	-0.02 95.32%
12) CI70 Chrysene-d12	13.44	240	680765	40.00	ng	-0.02 82.50%
13) CI75 Perylene-d12	14.63	264	608899	40.00	ng	-0.03 53.24%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.30	77	371032	52.51	ng	97
3) E145 Acetophenone	6.34	105	569589	55.09	ng	96
5) E655 Caprolactam	7.88	113	125500	60.88	ng	# 18
6) E195 1,2,4,5-Tetrachlorobe	8.40	216	284306	57.09	ng	99
8) C811 1,1'-Biphenyl	8.76	154	896688	47.74	ng	98
9) E230 2,3,4,6-Tetrachloroph	9.82	232	149414	64.70	ng	# 100
11) E510 Atrazine	10.79	200	186278	55.11	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002237-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26272.RR Calibration Date: 09/08/2008 Time: 13:06

Intrument ID: HP5973X Init. Calib. Date(s): 08/16/2008 08/16/2008

Init. Calib. Times: 10:54 12:48

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.0400	2.1583	0.0500	-5.800	20.00
Bis(2-chloroethyl) ether	1.4900	1.5237	0.0500	-2.300	40.00
2-Chlorophenol	1.5370	1.5440	0.0500	-0.500	40.00
2-Methylphenol	1.3120	1.3732	0.0500	-4.700	40.00
2,2'-Oxybis(1-Chloropropane)	2.5580	3.3992	0.0500	-32.900	40.00
4-Methylphenol	1.3610	1.4946	0.0500	-9.800	40.00
N-Nitroso-Di-n-propylamine	1.0180	1.2167	0.0500	-19.500	40.00
Hexachloroethane	0.6270	0.6286	0.0500	-0.300	40.00
Nitrobenzene	0.4420	0.4565	0.0500	-3.300	40.00
Isophorone	0.7540	0.8046	0.0500	-6.700	40.00
2-Nitrophenol	0.2000	0.2100	0.0500	-5.000	20.00
2,4-Dimethylphenol	0.3940	0.4048	0.0500	-2.700	40.00
Bis(2-chloroethoxy) methane	0.4580	0.4528	0.0500	1.100	40.00
2,4-Dichlorophenol	0.3050	0.3218	0.0500	-5.500	20.00
Naphthalene	1.1130	1.0623	0.0500	4.600	40.00
4-Chloroaniline	0.4560	0.4580	0.0500	-0.400	40.00
Hexachlorobutadiene	0.1610	0.1699	0.0500	-5.500	20.00
4-Chloro-3-methylphenol	0.3270	0.3629	0.0500	-11.000	20.00
2-Methylnaphthalene	0.6980	0.7406	0.0500	-6.100	40.00
Hexachlorocyclopentadiene	0.3420	0.3335	0.0500	2.500	40.00
2,4,6-Trichlorophenol	0.3620	0.3996	0.0500	-10.400	20.00
2,4,5-Trichlorophenol	0.3820	0.4285	0.0500	-12.200	40.00
2-Chloronaphthalene	1.2780	1.2215	0.0500	4.400	40.00
2-Nitroaniline	0.4860	0.5482	0.0500	-12.800	40.00
Dimethyl phthalate	1.4010	1.4374	0.0500	-2.600	40.00
Acenaphthylene	2.0440	2.0143	0.0500	1.400	40.00
2,6-Dinitrotoluene	0.3160	0.3379	0.0500	-6.900	40.00
3-Nitroaniline	0.3530	0.3742	0.0500	-6.000	40.00
Acenaphthene	1.2240	1.1752	0.0500	4.000	20.00
2,4-Dinitrophenol	0.1560	0.1892	0.0500	-21.300	40.00
4-Nitrophenol	0.2160	0.2289	0.0500	-6.000	40.00
Dibenzofuran	1.7250	1.7323	0.0500	-0.400	40.00
2,4-Dinitrotoluene	0.4290	0.4587	0.0500	-6.900	40.00
Diethyl phthalate	1.3740	1.4516	0.0500	-5.600	40.00
4-Chlorophenyl phenyl ether	0.5830	0.6777	0.0500	-16.200	40.00
Fluorene	1.3920	1.4694	0.0500	-5.600	40.00
4-Nitroaniline	0.3660	0.3802	0.0500	-3.900	40.00
4,6-Dinitro-2-methylphenol	0.1200	0.1399	0.0500	-16.600	40.00
N-nitrosodiphenylamine	0.5980	0.5536	0.0500	7.400	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002237-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26272.RR Calibration Date: 09/08/2008 Time: 13:06

Intrument ID: HP5973X Init. Calib. Date(s): 08/16/2008 08/16/2008

Init. Calib. Times: 10:54 12:48

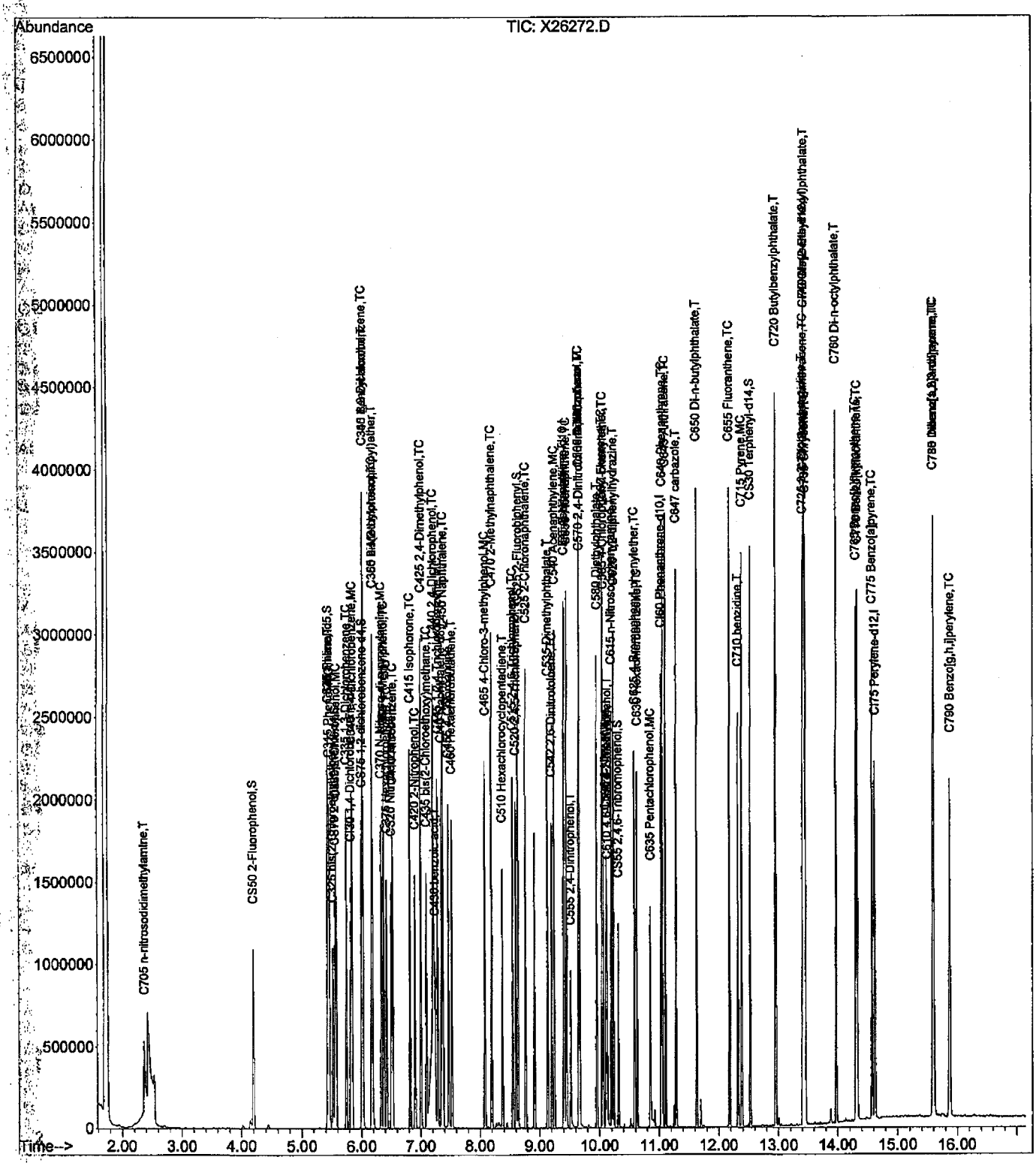
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1970	0.1950	0.0500	1.000	40.00
Hexachlorobenzene	0.2160	0.2093	0.0500	3.100	40.00
Pentachlorophenol	0.1290	0.1158	0.0500	10.200	20.00
Phenanthrene	1.1080	1.1350	0.0500	-2.400	40.00
Anthracene	1.1230	1.1552	0.0500	-2.900	40.00
Di-n-butyl phthalate	1.3730	1.3550	0.0500	1.300	40.00
Fluoranthene	1.1900	1.2188	0.0500	-2.400	20.00
Pyrene	1.2290	1.4676	0.0500	-19.400	40.00
Butyl benzyl phthalate	0.6620	0.7337	0.0500	-10.800	40.00
3,3'-Dichlorobenzidine	0.5010	0.5061	0.0500	-1.000	40.00
Benzo(a)anthracene	1.2370	1.2650	0.0500	-2.300	40.00
Chrysene	1.2250	1.2195	0.0500	0.500	40.00
Bis(2-ethylhexyl) phthalate	0.9410	1.0217	0.0500	-8.600	40.00
Di-n-octyl phthalate	1.7710	1.7603	0.0500	0.600	20.00
Benzo(b)fluoranthene	1.3230	1.4037	0.0500	-6.100	40.00
Benzo(k)fluoranthene	1.1660	1.3710	0.0500	-17.600	40.00
Benzo(a)pyrene	1.2080	1.3298	0.0500	-10.100	20.00
Indeno(1,2,3-cd)pyrene	1.7290	1.5767	0.0500	8.800	40.00
Dibenzo(a,h)anthracene	1.4610	1.3644	0.0500	6.600	40.00
Benzo(ghi)perylene	1.5520	1.3346	0.0500	14.000	40.00
Carbazole	1.1770	1.1016	0.0500	6.400	100.00
Nitrobenzene-D5	0.4160	0.4221	0.0500	-1.500	40.00
2-Fluorobiphenyl	1.4500	1.3481	0.0500	7.000	40.00
p-Terphenyl-d14	0.8540	0.9722	0.0500	-13.800	40.00
Phenol-D5	1.8650	1.9687	0.0500	-5.600	40.00
2-Fluorophenol	1.5290	1.4577	0.0500	4.700	40.00
2,4,6-Tribromophenol	0.1000	0.0921	0.0500	7.900	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090808\X26272.D
Acq On : 8 Sep 2008 13:06
Sample : SSTD050
Misc : 8270(8-25-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 08 13:30:48 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:31:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\090808\X26272.D Vial: 2
Acq On : 8 Sep 2008 13:06 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 13:30:48 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:31:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.82	152	214190	40.00	ng	-0.04 92.05%
20) CI40 Naphthalene-d8	7.35	136	831160	40.00	ng	-0.03 103.54%
35) CI50 Acenaphthene-d10	9.41	164	477506	40.00	ng	-0.03 121.51%
56) CI60 Phenanthrene-d10	11.03	188	872785	40.00	ng	-0.03 133.46%
68) CI70 Chrysene-d12	13.43	240	724260	40.00	ng	-0.03 119.87%
78) CI75 Perylene-d12	14.63	264	698975	40.00	ng	-0.04 116.68%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.19	112	390272	47.67	ng	-0.04
Spiked Amount 150.000	Range 21 - 110		Recovery = 31.78%			
5) CS45 Phenol-d5	5.44	99	527093	52.77	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.18%			
6) CS70 2-chlorophenol-d4	5.56	132	398194	52.22	ng	-0.03
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.81%			
12) CS75 1,2-dichlorobenzene-d	6.00	152	253963	53.56	ng	-0.04
Spiked Amount 100.000	Range 16 - 110		Recovery = 53.56%			
21) CS20 Nitrobenzene-d5	6.51	82	438579	50.69	ng	-0.03
Spiked Amount 100.000	Range 34 - 114		Recovery = 50.69%			
39) CS25 2-Fluorobiphenyl	8.64	172	804681	46.49	ng	-0.03
Spiked Amount 100.000	Range 43 - 116		Recovery = 46.49%			
59) CS55 2,4,6-Tribromophenol	10.32	330	100502	46.15	ng	-0.03
Spiked Amount 150.000	Range 10 - 123		Recovery = 30.77%			
71) CS30 Terphenyl-d14	12.53	244	880169	56.95	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 56.95%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.37	74	252411	51.73	ng	# 47
4) C325 bis(2-Chloroethyl)eth	5.52	93	407963	51.13	ng	# 79
7) C315 Phenol	5.46	94	577852	52.89	ng	96
8) C330 2-Chlorophenol	5.58	128	413380	50.24	ng	88
9) C320 aniline	5.43	93	649704	55.07	ng	100
10) C335 1,3-Dichlorobenzene	5.75	146	455244	50.42	ng	99
11) C340 1,4-Dichlorobenzene	5.84	146	458935	50.59	ng	98
13) C350 1,2-Dichlorobenzene	6.03	146	424634	52.17	ng	97
14) C345 Benzyl alcohol	6.03	108	291752	57.03	ng	89
15) C360 bis(2-chloroisopropyl	6.18	45	910081	66.45	ng	53
16) C355 2-Methylphenol	6.19	108	367648	52.33	ng	93
17) C375 Hexachloroethane	6.43	117	168294	50.14	ng	89
18) C370 N-Nitroso-di-n-propyl	6.34	70	325765	59.78	ng	87
19) C365 4-Methylphenol	6.38	108	400164	54.93	ng	99
22) C410 Nitrobenzene	6.53	77	474310	51.63	ng	95
23) C415 Isophorone	6.82	82	835907	53.37	ng	88
24) C430 benzoic acid	7.24	122	714733	154.57	ng	# 72
25) C420 2-Nitrophenol	6.91	139	218216	52.43	ng	96
26) C425 2,4-Dimethylphenol	7.00	107	420545	51.34	ng	94
27) C435 bis(2-Chloroethoxy)me	7.10	93	470446	49.43	ng	96
28) C440 2,4-Dichlorophenol	7.21	162	334322	52.83	ng	95

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090808\X26272.D Vial: 2
Acq On : 8 Sep 2008 13:06 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(8-25-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 13:30:48 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:31:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.29	180	344029	54.99	ng		89
30) C450 Naphthalene	7.38	128	1103627	47.70	ng		98
31) C455 4-Chloroaniline	7.47	127	475808	50.20	ng		100
32) C460 Hexachlorobutadiene	7.53	225	176517	52.93	ng		95
33) C465 4-Chloro-3-methylphen	8.08	107	377033	55.44	ng		96
34) C470 2-Methylnaphthalene	8.20	142	769488	53.07	ng		99
36) C510 Hexachlorocyclopentad	8.38	237	199070	48.76	ng		92
37) C515 2,4,6-Trichlorophenol	8.55	196	238491	55.26	ng		95
38) C520 2,4,5-Trichlorophenol	8.60	196	255751	56.04	ng		98
40) C525 2-Chloronaphthalene	8.77	162	729115	47.81	ng		98
41) C530 2-Nitroaniline	10.11	65	327208	56.45	ng		84
42) C540 Acenaphthylene	9.25	152	1202286	49.28	ng		100
43) C535 Dimethylphthalate	9.14	163	857982	51.29	ng		100
44) C542 2,6-Dinitrotoluene	9.21	165	201714	53.41	ng		93
45) C550 Acenaphthene	9.45	153	701450	48.01	ng		98
46) C545 3-Nitroaniline	9.41	138	223334	52.94	ng		87
47) C555 2,4-Dinitrophenol	9.52	184	112923	54.80	ng	#	57
48) C565 Dibenzofuran	9.65	168	1033984	50.23	ng		83
49) C570 2,4-Dinitrotoluene	9.67	165	273802	53.48	ng	#	49
50) C560 4-Nitrophenol	9.67	109	136635	52.92	ng	#	80
51) C590 Fluorene	10.05	166	877030	52.78	ng		98
52) C585 4-Chlorophenyl-phenyl	10.06	204	404509	58.08	ng		88
53) C580 Diethylphthalate	9.96	149	866458	52.84	ng		99
54) C620 1,2-diphenylhydrazine	10.24	77	960880	52.34	ng		85
55) C595 4-Nitroaniline	10.11	138	226916	51.87	ng		92
57) C610 4,6-Dinitro-2-methylp	10.13	198	152638	54.72	ng		100
58) C615 n-Nitrosodiphenylamin	10.21	169	603976	46.32	ng		99
60) C625 4-Bromophenyl-phenyle	10.59	248	212744	49.60	ng	#	80
61) C630 Hexachlorobenzene	10.63	284	228302	48.35	ng		85
62) C635 Pentachlorophenol	10.86	266	126372	44.92	ng		97
63) C640 Phenanthrene	11.06	178	1238286	51.22	ng		99
64) C645 Anthracene	11.11	178	1260269	51.43	ng		99
65) C647 carbazole	11.29	167	1201858	46.79	ng		98
66) C650 Di-n-butylphthalate	11.63	149	1478227	49.33	ng		99
67) C655 Fluoranthene	12.18	202	1329654	51.22	ng		85
69) C715 Pyrene	12.39	202	1328670	59.72	ng		82
70) C710 benzidine	12.32	184	733992	70.12	ng		100
72) C720 Butylbenzylphthalate	12.96	149	664230	55.40	ng		95
73) C725 3,3'-Dichlorobenzidin	13.41	252	458155	50.52	ng		98
74) C730 Benzo[a]anthracene	13.42	228	1145245	51.15	ng		98
75) C735 Chrysene	13.45	228	1104070	49.79	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.44	149	925009	54.27	ng		92
77) C760 Di-n-octylphthalate	13.97	149	1593609	49.70	ng		98
79) C765 Benzo[b]fluoranthene	14.30	252	1226409	53.05	ng		98
80) C770 Benzo[k]fluoranthene	14.33	252	1197911	54.44	ng		96
81) C775 Benzo[a]pyrene	14.58	252	1161828	55.02	ng		92
82) C780 Indeno[1,2,3-cd]pyren	15.60	276	1377600	45.59	ng		91
83) C785 Dibenz[a,h]anthracene	15.61	278	1192074	46.68	ng		95
84) C790 Benzo[g,h,i]perylene	15.88	276	1166098	42.99	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002237-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: A475

Lab File Id: X26273.RR Calibration Date: 09/08/2008 Time: 13:33

Intrument ID: HP5973X Init. Calib. Date(s): 08/13/2008 08/13/2008

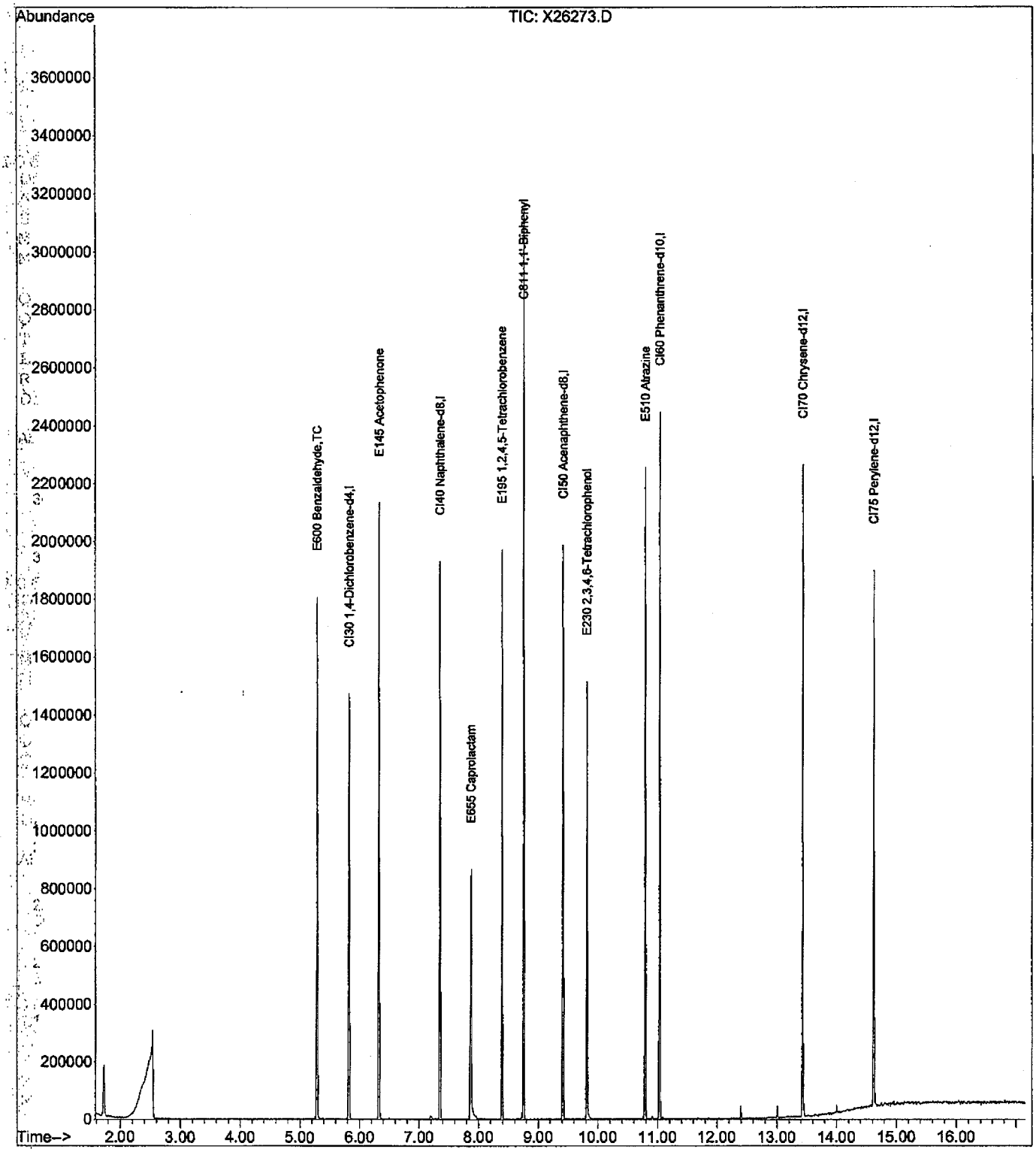
Init. Calib. Times: 15:45 17:39

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1020	0.1053	0.0500	-3.200	40.00
Atrazine	0.1830	0.2045	0.0500	-11.700	40.00
Acetophenone	1.9750	1.9847	0.0500	-0.500	40.00
Biphenyl	1.7260	1.6642	0.0500	3.600	40.00
Benzaldehyde	1.3500	1.3431	0.0500	0.500	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090808\X26273.D Vial: 3
Acq On : 8 Sep 2008 13:33 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS (8-8-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 08 16:22:31 2008 Results File: A8I0608.RES
Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\090808\X26273.D Vial: 3
Acq On : 8 Sep 2008 13:33 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS (8-8-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 16:22:31 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Sep 04 22:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.82	152	222241	40.00 ng	-0.04 61.54%
4) CI40 Naphthalene-d8	7.35	136	829158	40.00 ng	-0.03 65.20%
7) CI50 Acenaphthene-d8	9.41	164	435558	40.00 ng	-0.03 81.17%
10) CI60 Phenanthrene-d10	11.03	188	773002	40.00 ng	-0.03 99.81%
12) CI70 Chrysene-d12	13.43	240	645745	40.00 ng	-0.03 78.25%
13) CI75 Perylene-d12	14.62	264	561385	40.00 ng	-0.04 49.08%
Target Compounds					Qvalue
2) E600 Benzaldehyde	5.29	77	373114	49.75 ng	96
3) E145 Acetophenone	6.33	105	551348	50.24 ng	91
5) E655 Caprolactam	7.88	113	109123	51.86 ng	# 18
6) E195 1,2,4,5-Tetrachlorobe	8.39	216	321357	63.23 ng	99
8) C811 1,1'-Biphenyl	8.75	154	906051	48.21 ng	98
9) E230 2,3,4,6-Tetrachloroph	9.82	232	142624	61.72 ng	# 100
11) E510 Atrazine	10.79	200	197601	55.83 ng	89

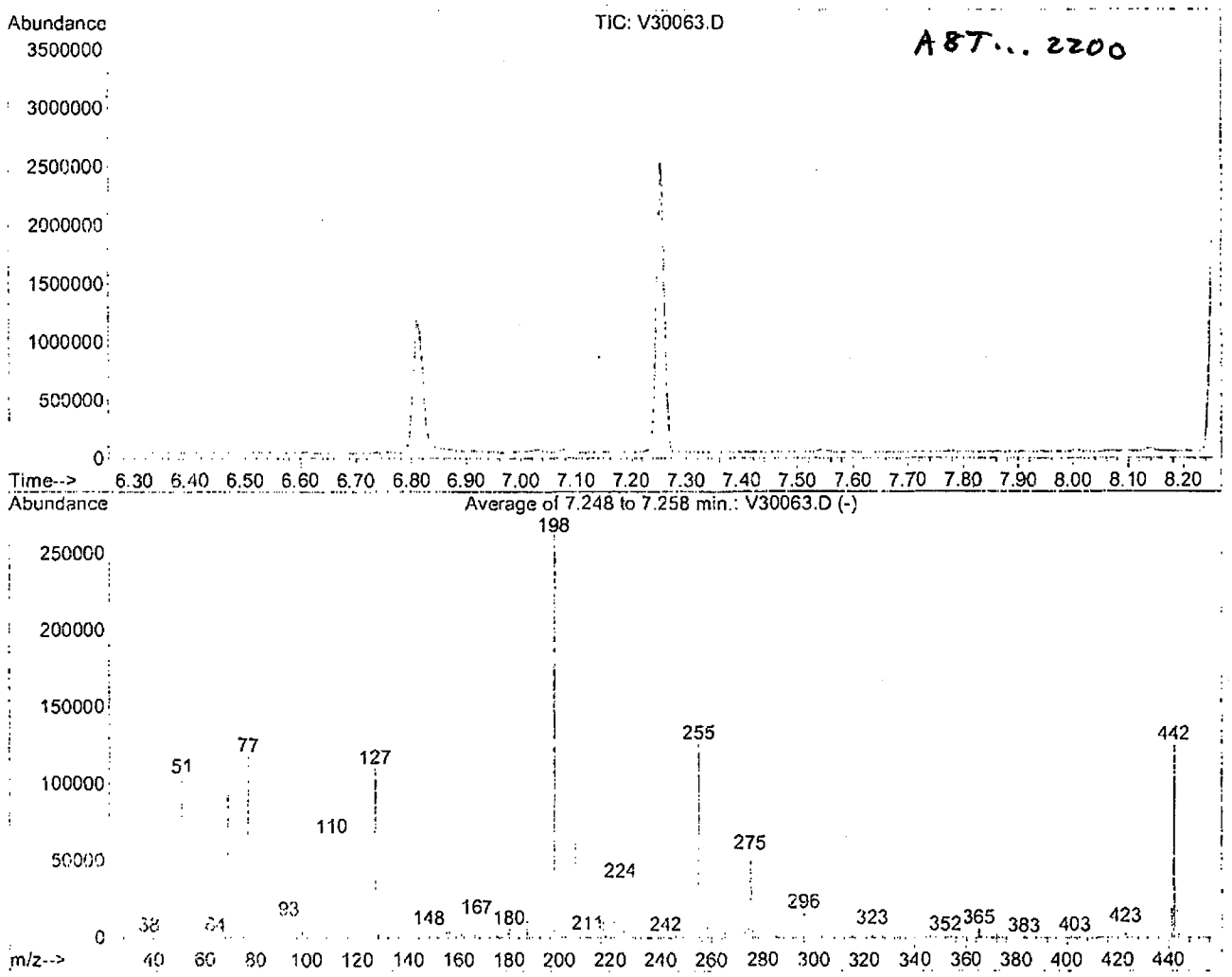
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Raw QC Data

DFTPP Tune Evaluation

Data File : D:\DATA\072908\V30063.D
Acq On : 29 Jul 2008 8:47
Sample : DFTPP 50NG
Misc : SC33-12F
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00



Peak Apex is scan: 594 (7.25 min)
Average of 3 scans: 593,594,595 minus background scan 574 (7.15 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	39.7	104184	PASS
68	69	0	2	0.5	439	PASS
69	198	0	100	35.4	92876	PASS
70	69	0	2	0.6	523	PASS
127	198	40	60	42.0	110061	PASS
197	198	0	1	0.2	445	PASS
198	198	100	100	100.0	262144	PASS
199	198	5	9	6.5	17045	PASS
275	198	10	30	20.6	54090	PASS
365	198	1	100	2.3	5980	PASS
441	198	0	100	7.5	19740	PASS
442	198	39	110	47.7	125037	PASS
443	442	17	23	20.9	26193	PASS

V30063.D TUNEQ.M Tue Jul 29 09:04:26 2008 HP5973-V

Average of 7.248 to 7.258 min.: V30063.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	6610	69.00	92876	86.05	1668	107.00	33272
41.10	1315	74.10	9892	87.10	1351	108.00	5582
50.10	22086	75.10	14571	91.00	1387	110.00	64954
51.10	104184	76.10	5270	92.05	2361	111.05	9221
52.10	5267	77.10	118002	93.00	11511	116.05	2088
56.05	2094	78.10	8156	98.05	8740	117.00	22445
57.00	8153	79.00	6614	99.05	6887	118.05	1442
61.05	1332	80.00	5988	101.00	4957	121.90	1498
62.10	1611	81.00	8578	103.05	1603	123.05	3130
63.05	5092	82.05	2140	104.00	2780	124.05	1319
65.05	2203	83.00	1827	105.10	2586	125.00	1592

Average of 7.248 to 7.258 min.: V30063.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.05	110061	149.00	1626	173.00	1384	189.05	2229
128.10	8916	153.00	1666	174.05	2775	192.10	2374
129.05	42317	154.05	1598	175.10	3315	193.00	2733
130.05	3809	155.00	3845	176.15	1539	196.05	6323
135.10	3386	156.05	4109	177.00	2337	198.00	262144
135.95	2087	160.00	1780	179.00	8030	199.00	17045
137.10	1634	161.05	2910	180.00	5759	204.05	8761
141.00	5353	165.00	2340	181.05	2993	205.05	14948
142.00	1693	166.05	2075	185.05	4694	206.10	64208
147.05	2735	167.05	12625	186.00	34429	207.05	7629
147.95	5558	168.00	5691	187.05	10989	208.05	2472

Average of 7.248 to 7.258 min.: V30063.D
DFTPP 50NG
Modified:subtracted

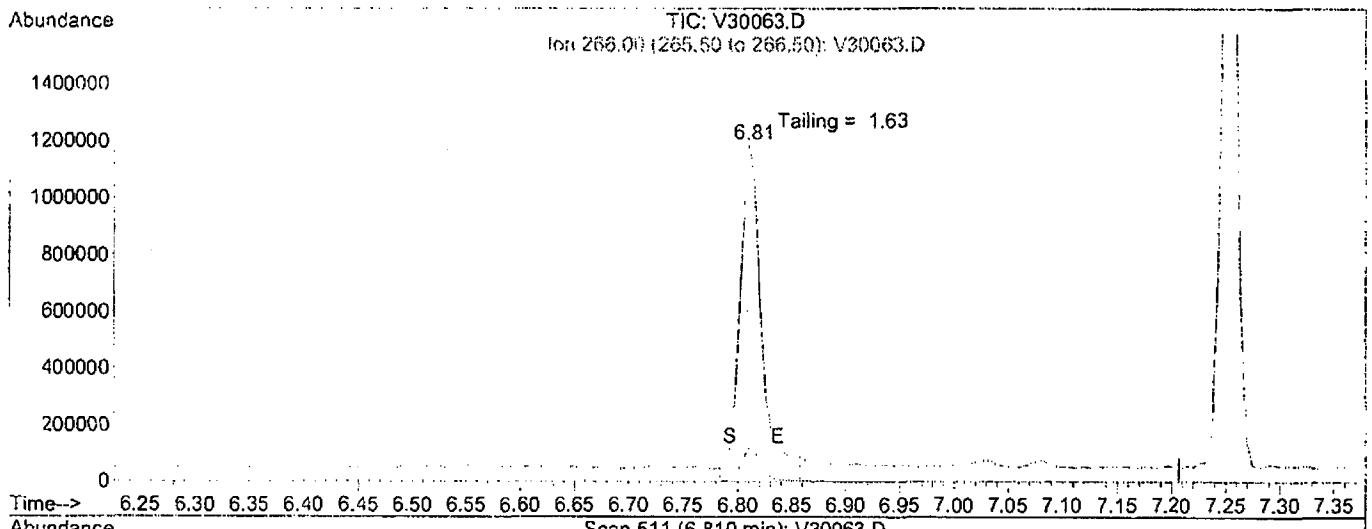
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
211.05	2280	242.05	1513	275.05	54090	372.00	2399
216.10	1480	243.05	1472	276.05	7283	423.00	6827
217.05	16915	244.10	26602	277.05	4536	423.90	1545
218.00	1893	245.05	3366	296.00	16062	441.00	19740
221.10	11000	245.95	4983	296.95	1763	442.00	125037
223.00	3897	255.00	126098	303.15	1920	443.00	26193
224.05	35962	256.00	17689	315.00	2307	443.95	2387
225.10	9368	258.05	7489	323.05	5955		
227.00	15763	265.05	3464	334.05	2938		
227.95	2361	273.05	3749	352.00	1741		
229.00	2666	273.95	10417	365.05	5980		

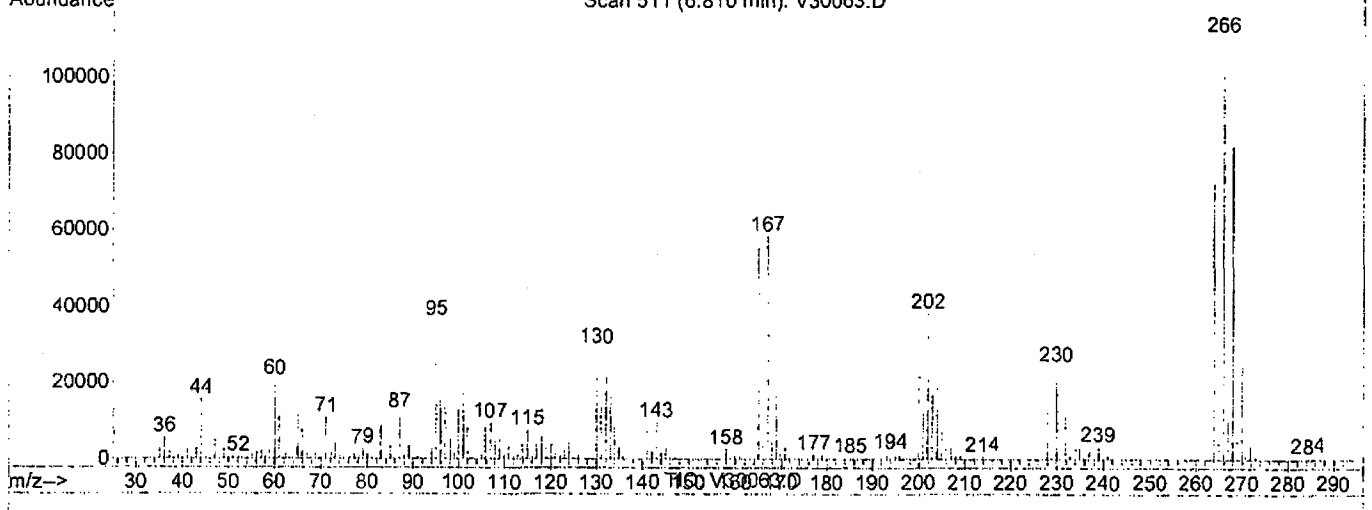
Quantitation Report

Data File : D:\DATA\072908\V30063.D
Acq On : 29 Jul 2008 8:47
Sample : DFTPP 50NG
Misc : SC33-12F
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Jul 25 20:13:16 2008
Response via : Initial Calibration





(1) Pentachlorophenol

Exp R.T. 6.46min

response 0

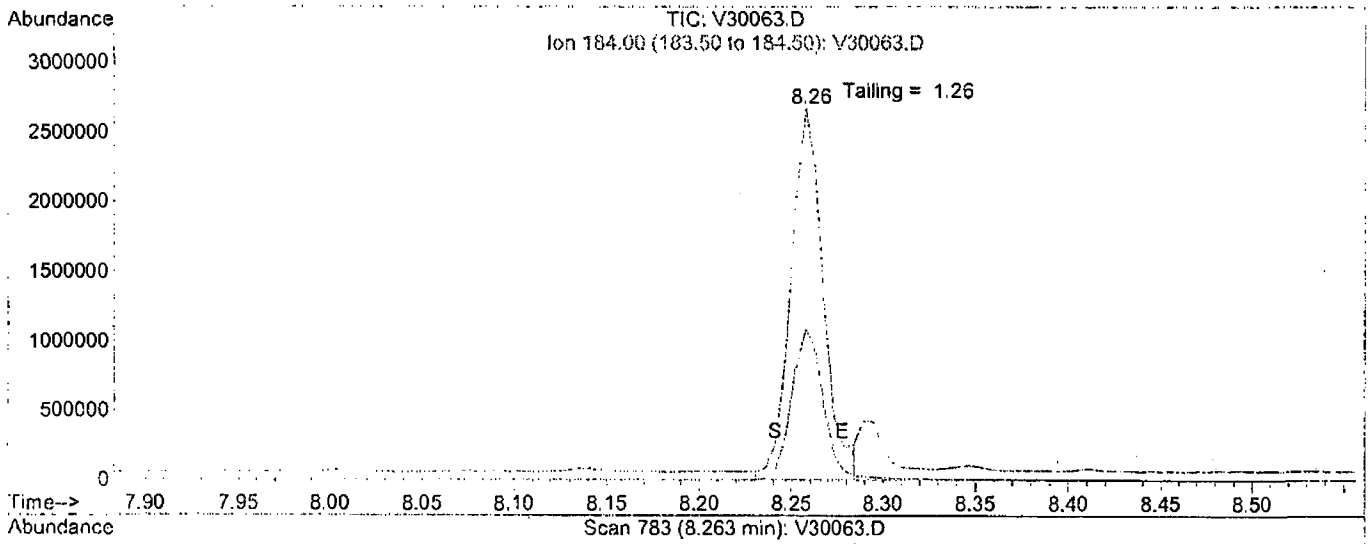
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	825.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\072908\V30063.D
Acq On : 29 Jul 2008 8:47
Sample : DFTPP 50NG
Misc : SC33-12F
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Jul 25 20:13:16 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.17min

response 0

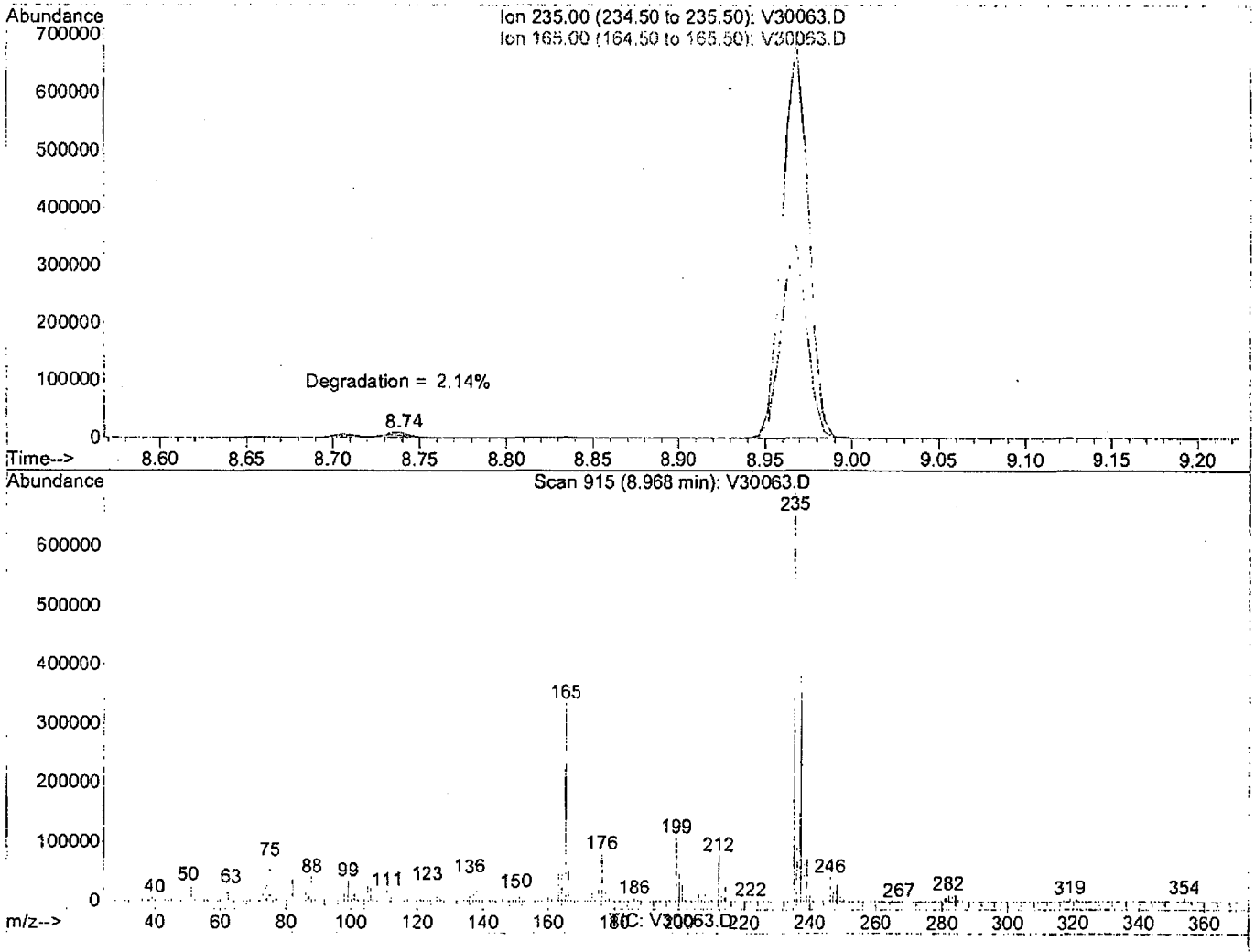
Signal	Exp%	Act%
TIC	100	100
184.00	3557.40	36.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\072908\V30063.D
Acq On : 29 Jul 2008 8:47
Sample : DFTPP 50NG
Misc : SC33-12F
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Jul 25 20:13:16 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.65min

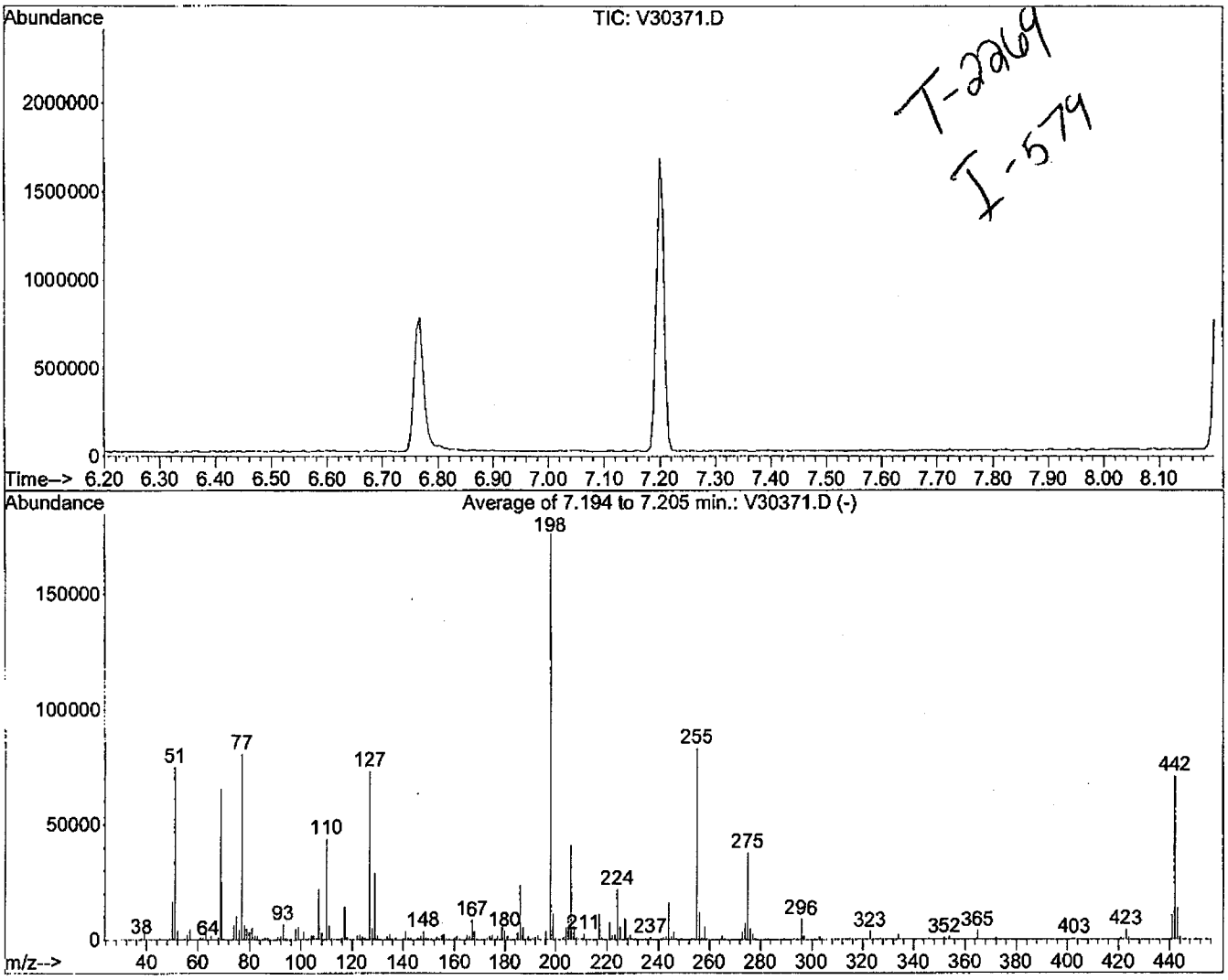
response 0

Ion	Exp%	Act%
235.00	100	100
165.00	59.40	48.44
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\080508\V30371.D
Acq On : 5 Aug 2008 7:57
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00



Peak Apex is scan: 584 (7.20 min)
Average of 3 scans: 583,584,585 minus background scan 564 (7.09 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	42.6	75002	PASS
68	69	0	2	1.8	1175	PASS
69	198	0	100	37.1	65365	PASS
70	69	0	2	0.5	338	PASS
127	198	40	60	41.6	73176	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	175976	PASS
199	198	5	9	6.3	11111	PASS
275	198	10	30	21.5	37861	PASS
365	198	1	100	2.2	3921	PASS
441	198	0	100	6.1	10809	PASS
442	198	39	110	40.2	70757	PASS
443	442	17	23	19.7	13921	PASS

V30371.D TUNEQ.M Tue Aug 05 08:10:16 2008 HP5973-V

Average of 7.194 to 7.205 min.: V30371.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	4041	68.05	1175	83.10	1503	106.05	920
50.10	16568	69.00	65365	86.05	1097	107.05	22184
51.10	75002	74.05	6112	87.05	1056	108.00	3267
52.05	3973	75.05	9990	90.95	1305	110.00	43874
55.15	953	76.05	4239	92.00	1454	111.00	6244
56.00	2181	77.10	80506	93.00	6707	116.05	1160
57.00	4243	78.05	6333	98.05	4869	117.05	14439
61.00	925	79.00	4769	99.05	5368	118.10	1268
62.00	1012	80.00	3331	101.05	3223	122.05	1638
63.05	3705	81.00	5293	104.05	2083	123.00	2120
65.10	1556	82.05	1444	104.95	1914	123.95	1259

Average of 7.194 to 7.205 min.: V30371.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
125.05	903	147.05	1519	167.95	3805	187.10	5360
127.00	73176	147.95	3785	174.00	1572	189.00	1426
128.00	5055	148.95	1075	174.90	917	191.85	1306
129.00	28949	153.05	1172	175.10	1889	193.05	2050
130.00	1849	155.10	1970	177.05	1374	196.05	3721
133.95	1399	156.00	2600	179.00	6009	198.00	175976
134.95	2475	160.00	1091	179.95	3844	199.00	11111
137.10	1160	161.05	1649	181.05	1692	203.05	1121
141.00	3597	164.95	1914	185.05	3236	204.05	5569
142.00	1151	166.00	1497	186.00	23690	205.00	9282
143.00	911	167.05	8521	186.90	1565	206.05	41245

Average of 7.194 to 7.205 min.: V30371.D
DFTPP 50NG
Modified:subtracted

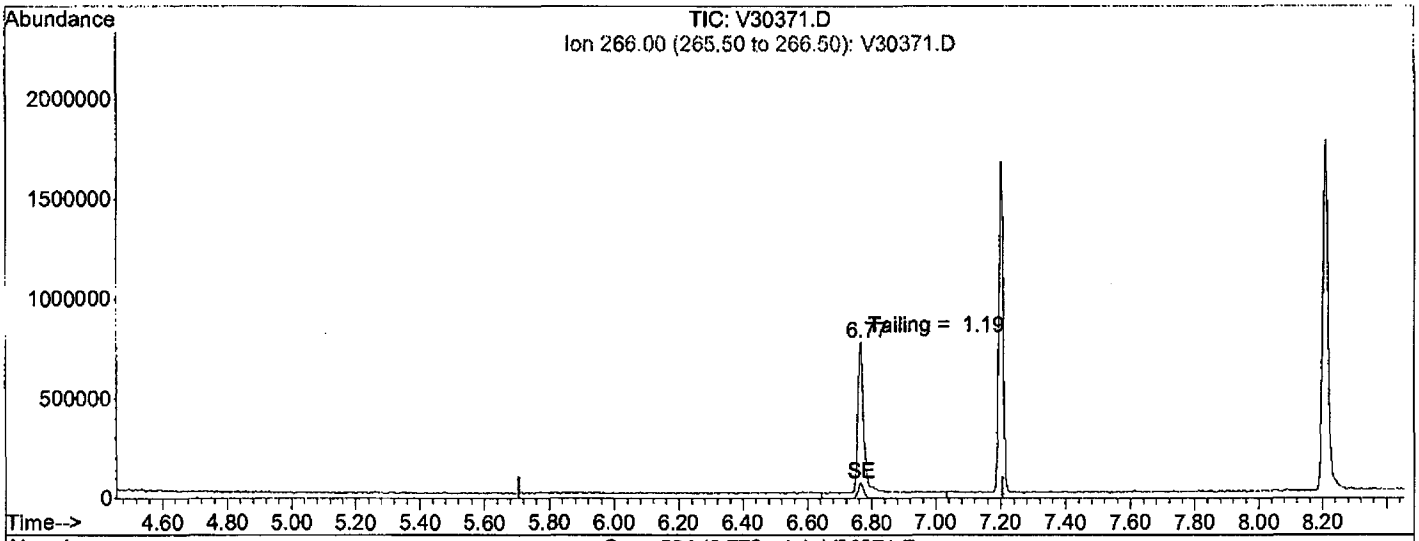
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.00	6194	228.00	1207	258.00	5702	323.00	3623
208.05	1131	229.05	2223	265.00	1767	334.00	2070
210.95	2664	237.05	1019	272.95	3243	352.05	914
217.00	11003	242.05	1011	274.05	7245	353.90	1192
218.05	1100	243.05	1293	275.00	37861	364.95	3921
221.05	7851	244.05	15980	276.05	4787	372.00	1069
221.80	1948	245.15	1592	276.95	2439	423.00	4180
223.05	2146	246.00	3129	296.00	8924	440.95	10809
224.05	21922	255.00	83141	296.95	1596	442.00	70757
225.05	5824	256.05	11776	303.00	1230	443.00	13921
227.00	9228	257.00	968	315.05	886	444.00	1304

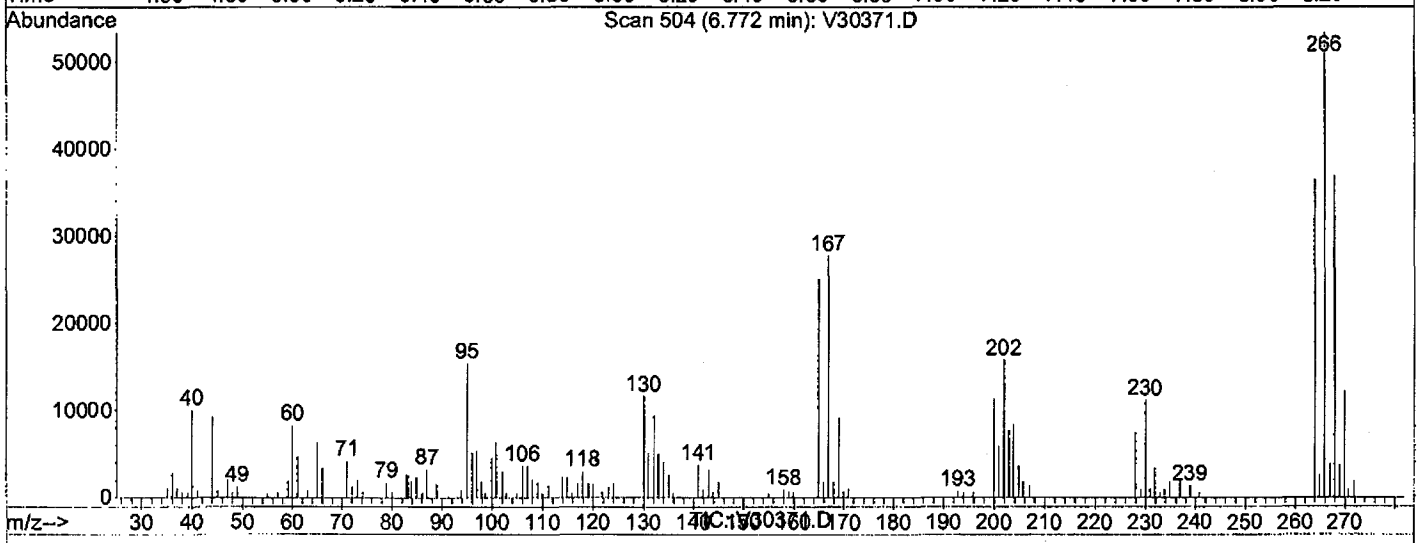
Quantitation Report

Data File : D:\DATA\080508\V30371.D
Acq On : 5 Aug 2008 7:57
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 04 10:55:26 2008
Response via : Initial Calibration





(1) Pentachlorophenol

Exp R.T. 6.46min

response 0

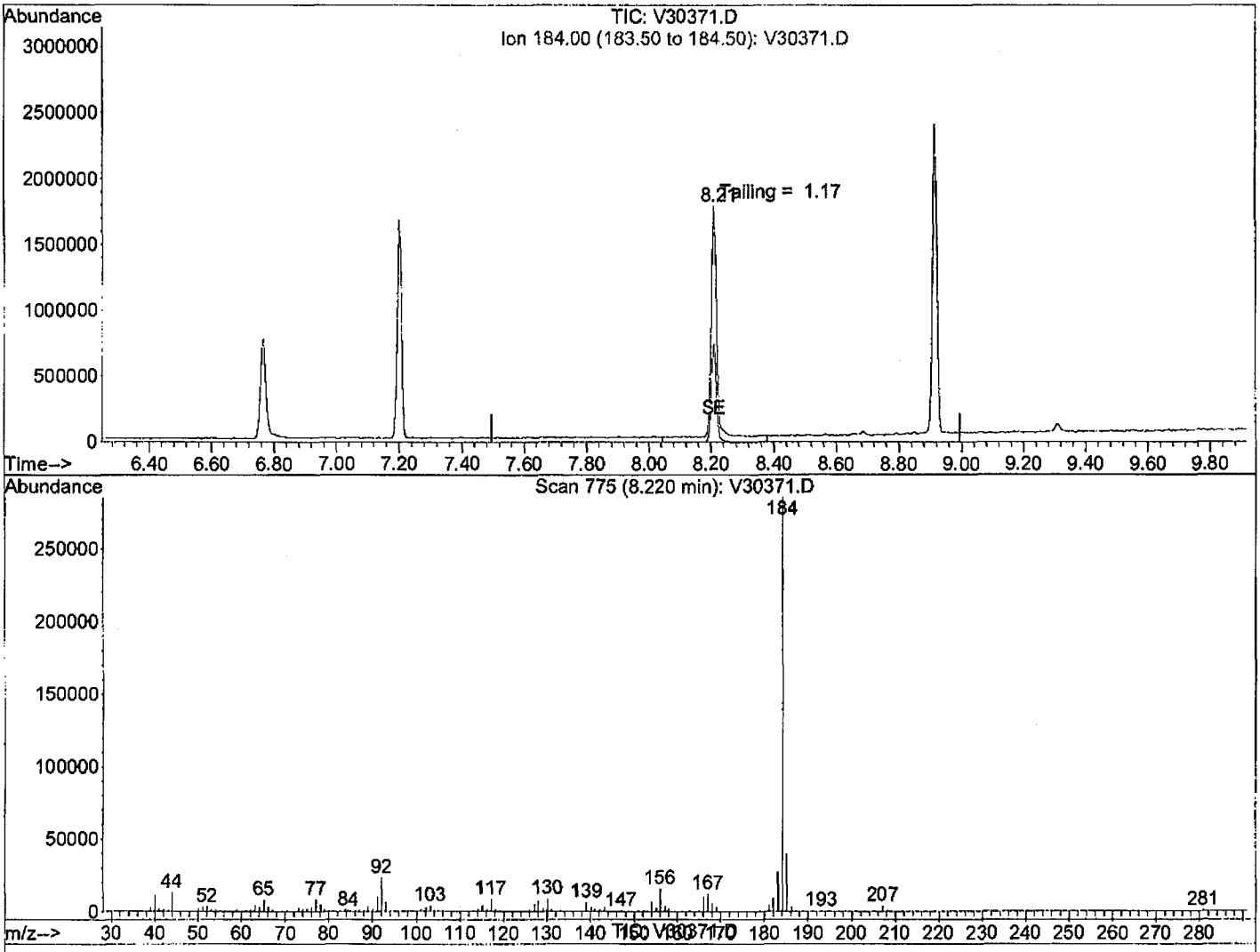
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	867.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\080508\V30371.D
Acq On : 5 Aug 2008 7:57
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 04 10:55:26 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.25min

response 0

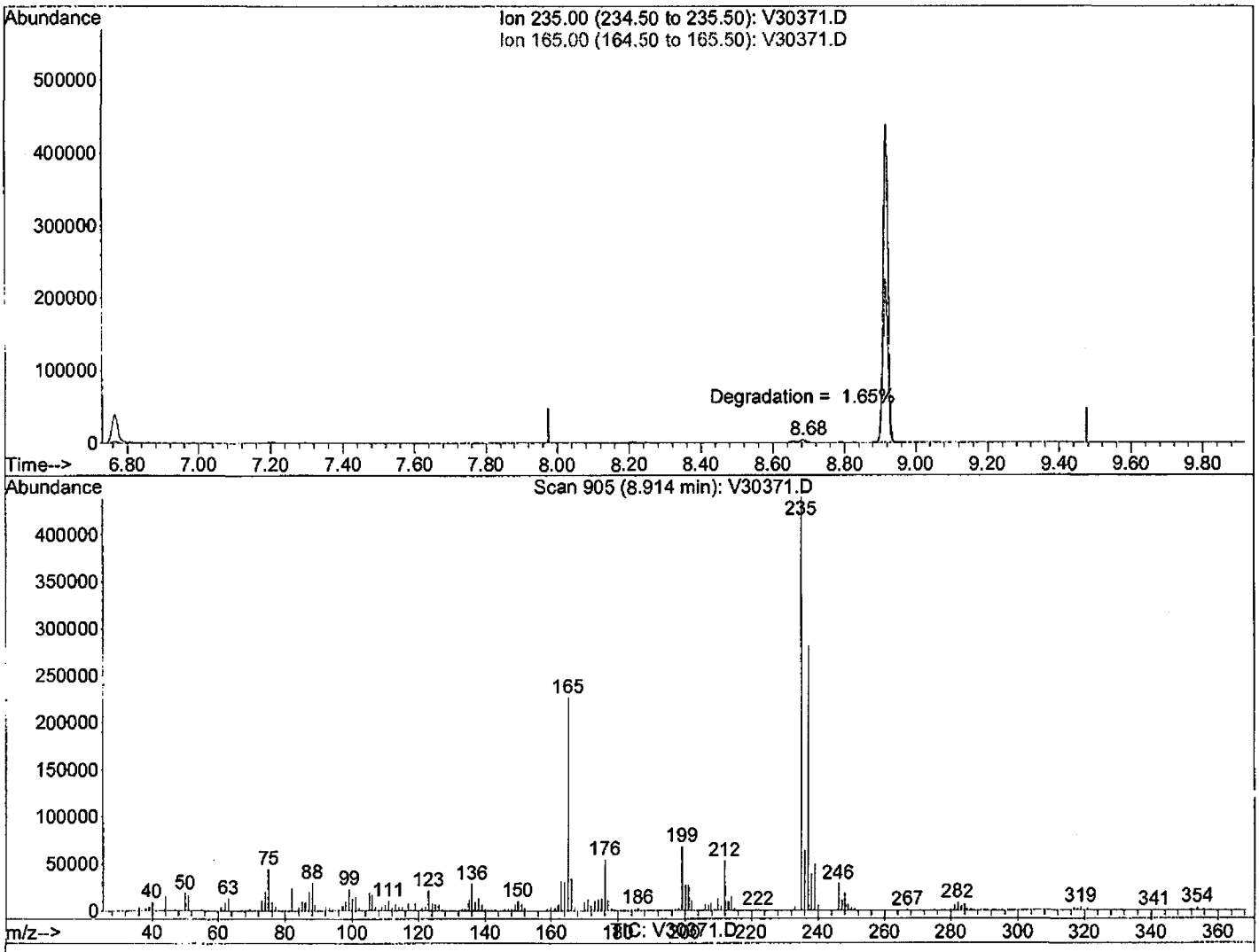
Signal	Exp%	Act%
TIC	100	100
184.00	40.70	16.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\080508\V30371.D
Acq On : 5 Aug 2008 7:57
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 04 10:55:26 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.73min

response 0

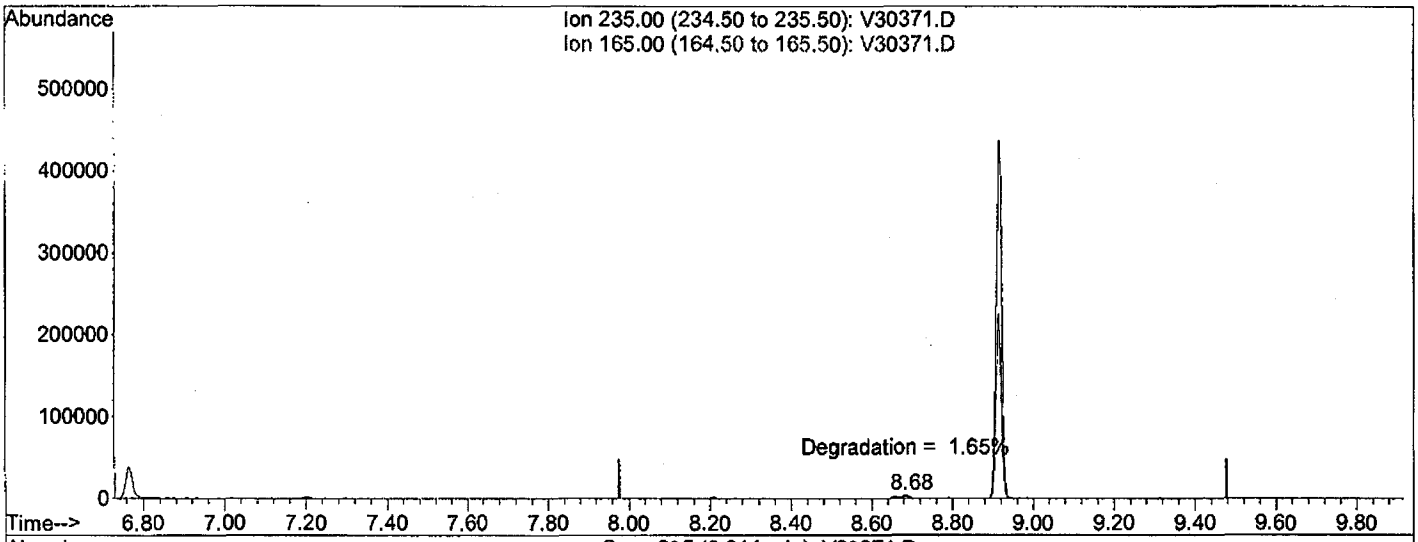
Ion	Exp%	Act%
235.00	100	100
165.00	51.80	51.58
0.00	0.00	0.00
0.00	0.00	0.00

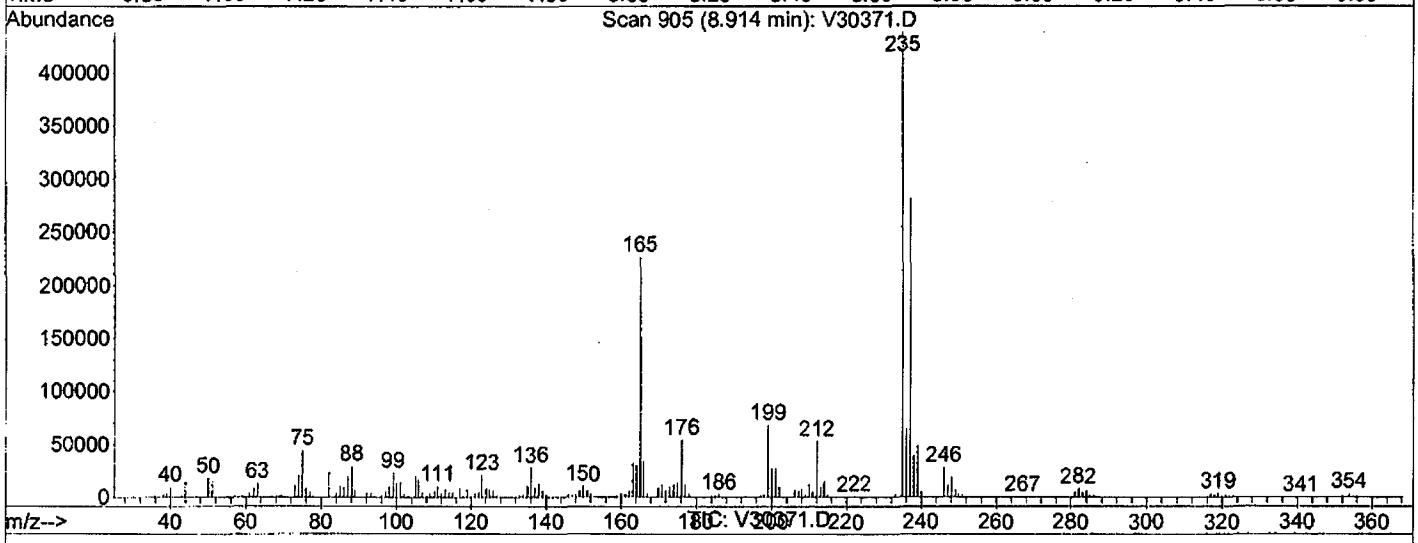
Quantitation Report

Data File : D:\DATA\080508\V30371.D
Acq On : 5 Aug 2008 7:57
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 04 10:55:26 2008
Response via : Initial Calibration





(3) 4-4DDT

Exp R.T. 8.73min

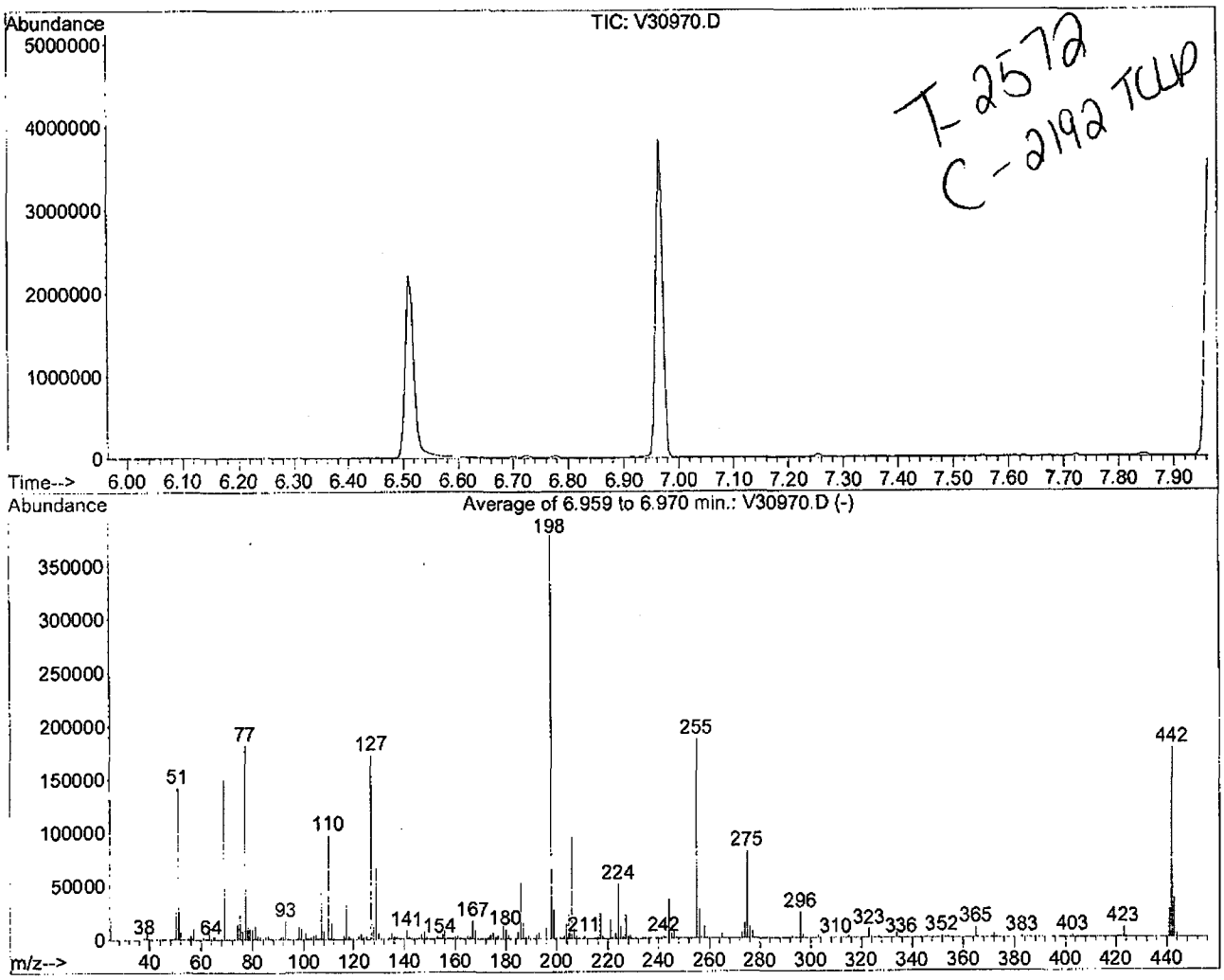
response 0

Ion	Exp%	Act%
235.00	100	100
165.00	51.80	51.58
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\090208\V30970.D
Acq On : 2 Sep 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00



Peak Apex is scan: 540 (6.96 min)
Average of 3 scans: 539,540,541 minus background scan 520 (6.86 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	37.6	142157	PASS
68	69	0	2	0.8	1264	PASS
69	198	0	100	39.5	149474	PASS
70	69	0	2	0.2	242	PASS
127	198	40	60	45.6	172608	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	378389	PASS
199	198	5	9	7.2	27077	PASS
275	198	10	30	21.7	81946	PASS
365	198	1	100	2.5	9647	PASS
441	198	0	100	6.8	25818	PASS
442	198	39	110	46.8	177229	PASS
443	442	17	23	20.3	35891	PASS

V30970.D TUNEQ.M Tue Sep 02 08:42:32 2008 HP5973-V

Average of 6.959 to 6.970 min.: V30970.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	8533	75.00	23248	91.05	2914	110.00	97688
50.10	32264	76.05	8174	92.00	3245	111.05	16022
51.10	142157	77.10	182592	93.00	17028	116.05	3172
52.10	7068	78.05	12690	98.00	12244	117.00	32632
56.05	4325	79.00	10311	99.00	10457	118.00	2928
57.00	10890	80.00	9215	101.00	6506	122.05	3201
61.10	2112	81.00	12263	103.05	2376	123.00	4708
63.10	8142	81.95	3016	104.05	3911	125.05	2165
65.05	3235	83.05	2692	105.05	4461	127.00	172608
69.00	149474	85.05	2127	107.00	52024	128.05	12660
74.05	14190	86.00	3049	108.00	8118	129.00	66802

Average of 6.959 to 6.970 min.: V30970.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.00	6044	156.05	7613	177.05	3405	198.00	378389
135.05	5366	160.05	2528	179.00	12843	199.00	27077
136.05	2193	160.95	3138	180.05	9291	200.00	2086
137.15	2390	164.95	3056	181.05	3855	203.05	3133
141.05	8141	165.95	2362	185.00	6656	204.00	13973
142.00	2310	167.05	16811	186.05	52413	205.05	22389
147.05	4459	168.00	7461	187.05	14929	206.05	94672
148.05	7325	173.15	2108	188.95	3227	207.00	12293
149.00	1916	174.05	4088	192.05	3799	208.05	3437
153.00	2901	175.10	6303	193.05	5544	211.00	2967
155.05	4898	176.10	2091	196.00	11300	215.95	2304

Average of 6.959 to 6.970 min.: V30970.D
DFTPP 50NG
Modified:subtracted

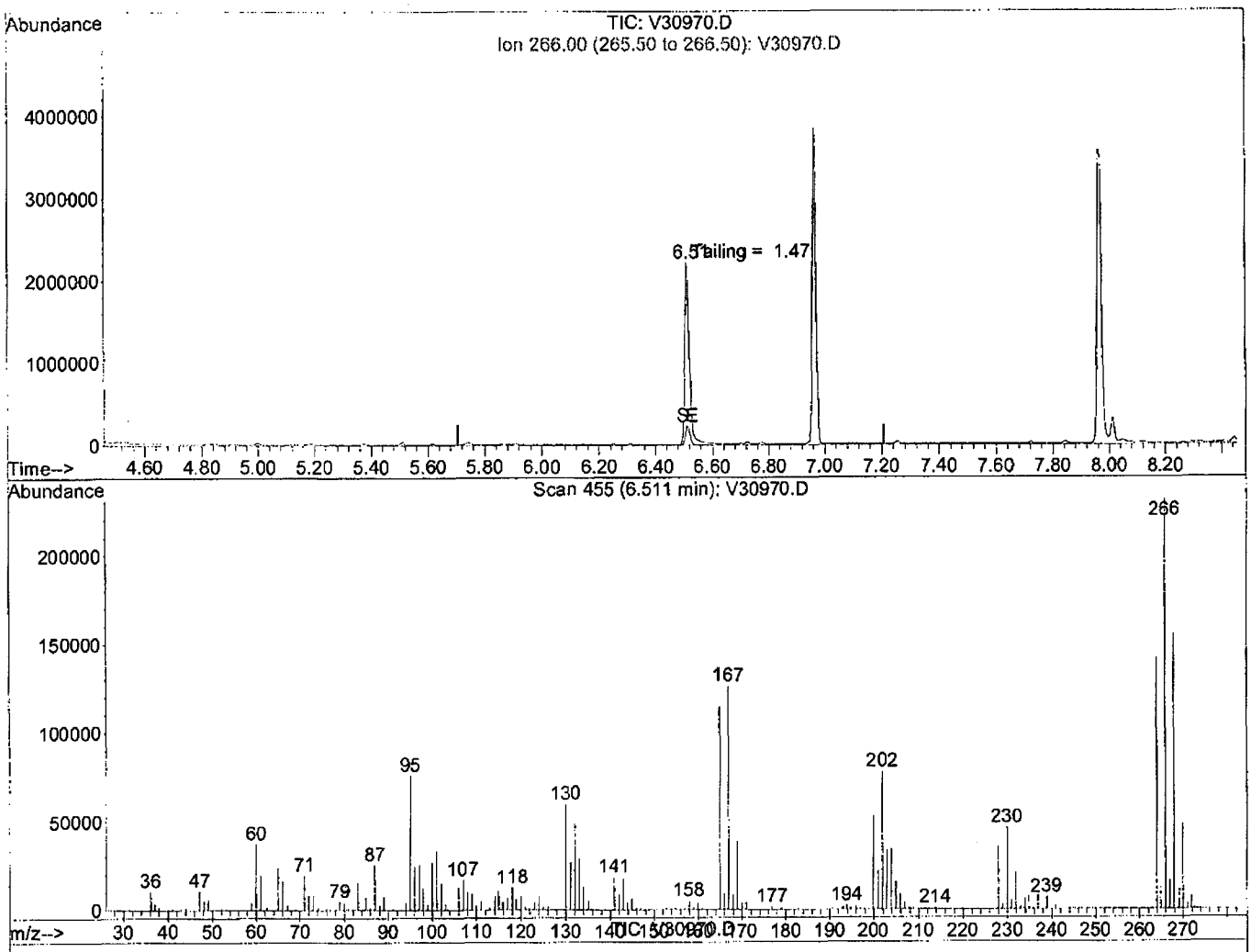
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
217.00	24625	243.05	2262	275.00	81946	365.00	9647
217.95	2754	244.10	36888	276.05	11389	372.05	3469
221.05	17840	245.05	5244	277.00	6915	403.00	2127
222.00	2099	245.95	7279	296.00	23914	423.00	9272
223.05	5456	255.00	187197	296.95	2954	424.00	1990
224.05	51272	256.00	27677	303.00	2938	441.00	25818
225.05	12088	257.05	2284	314.95	2669	442.00	177229
227.00	22697	258.00	11339	323.05	8626	443.00	35891
228.00	3065	265.05	4720	334.05	4610	443.95	3392
228.95	4195	273.00	5466	352.00	1933		
242.05	2457	274.00	14801	354.05	2158		

Quantitation Report

Data File : D:\DATA\090208\V30970.D
Acq On : 2 Sep 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 29 10:35:19 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.46mln

response 0

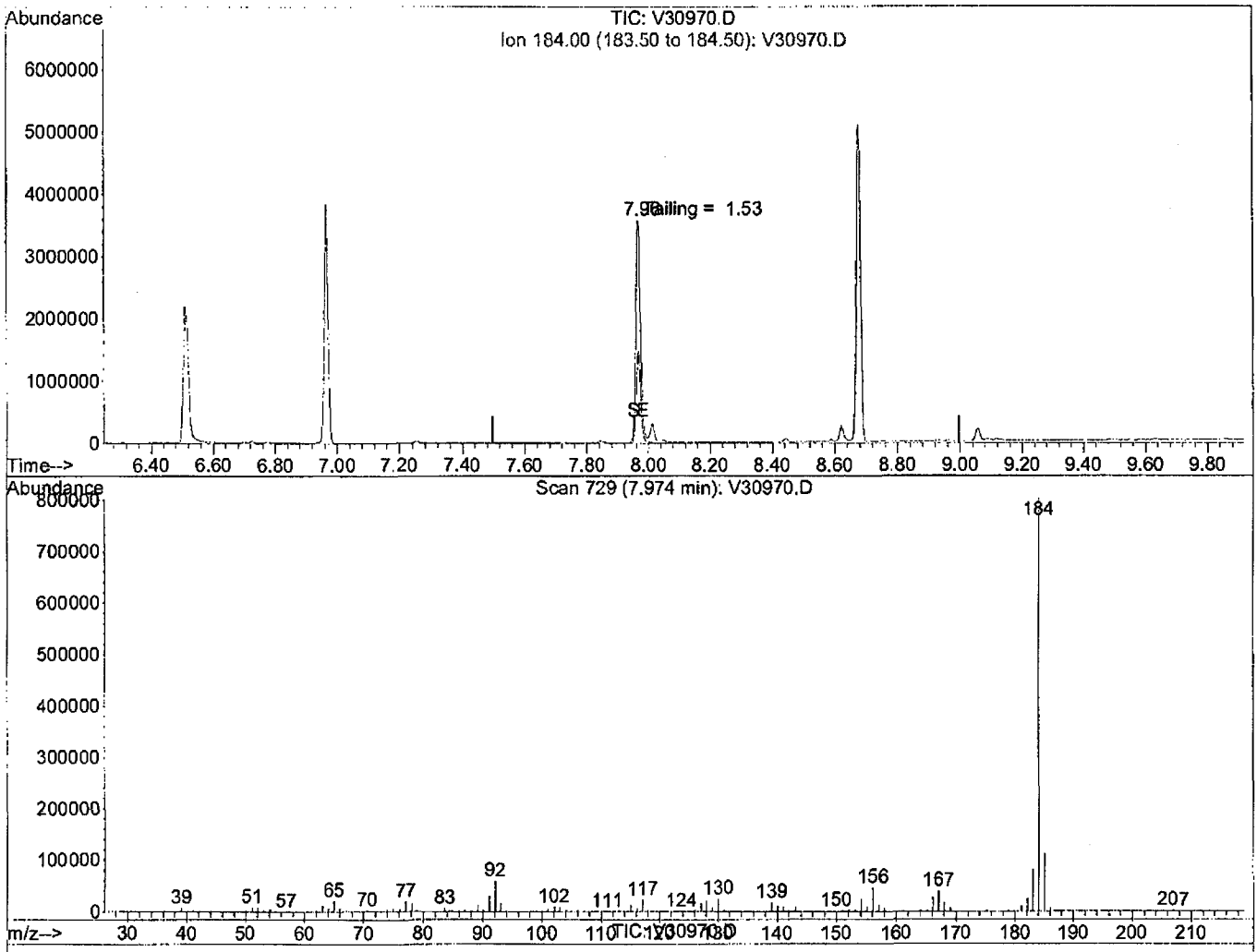
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	10.49
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090208\V30970.D
Acq On : 2 Sep 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 29 10:35:19 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.25min

response 0

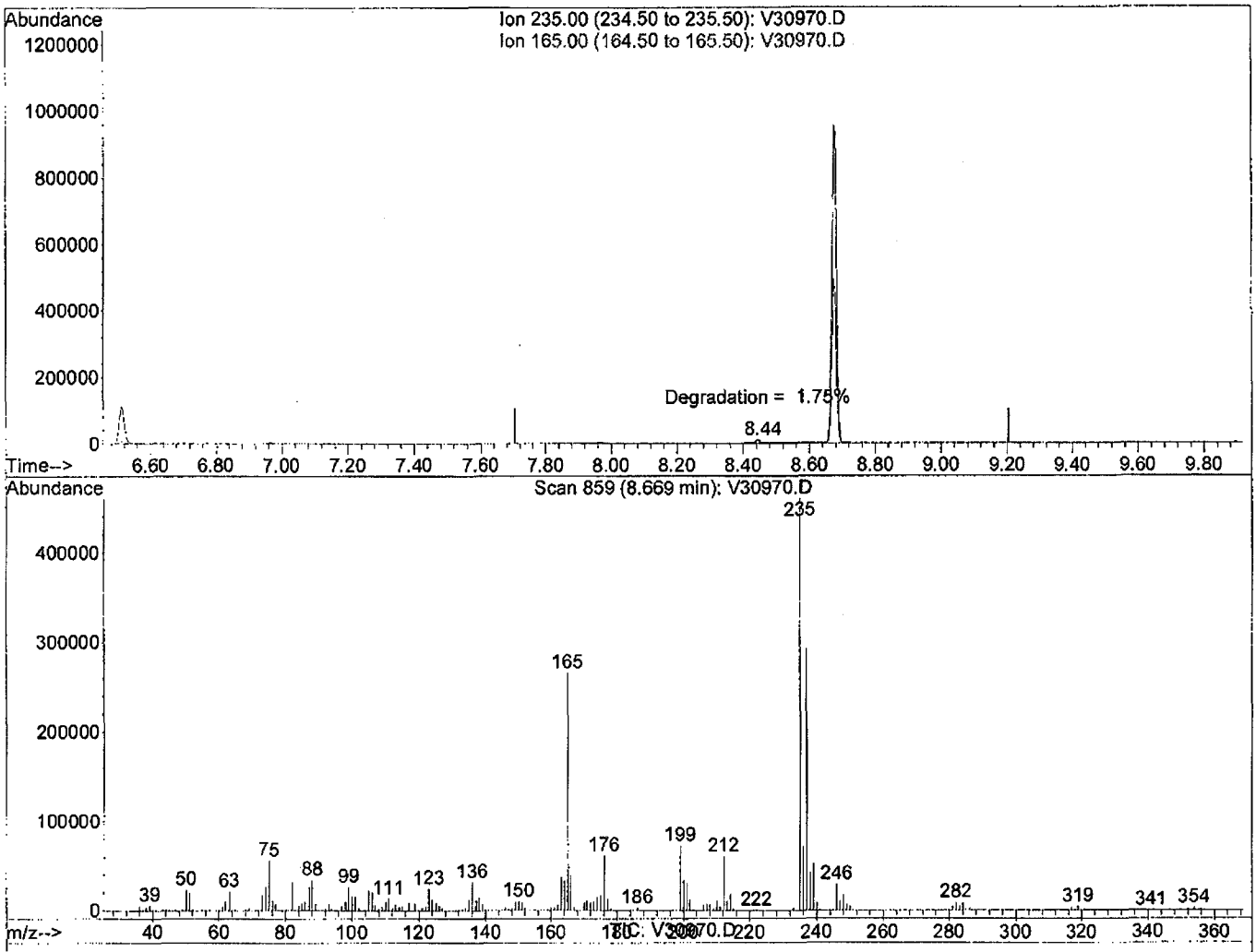
Signal	Exp%	Act%
TIC	100	100
184.00	40.70	8132.48
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090208\V30970.D
Acq On : 2 Sep 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 29 10:35:19 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.45min

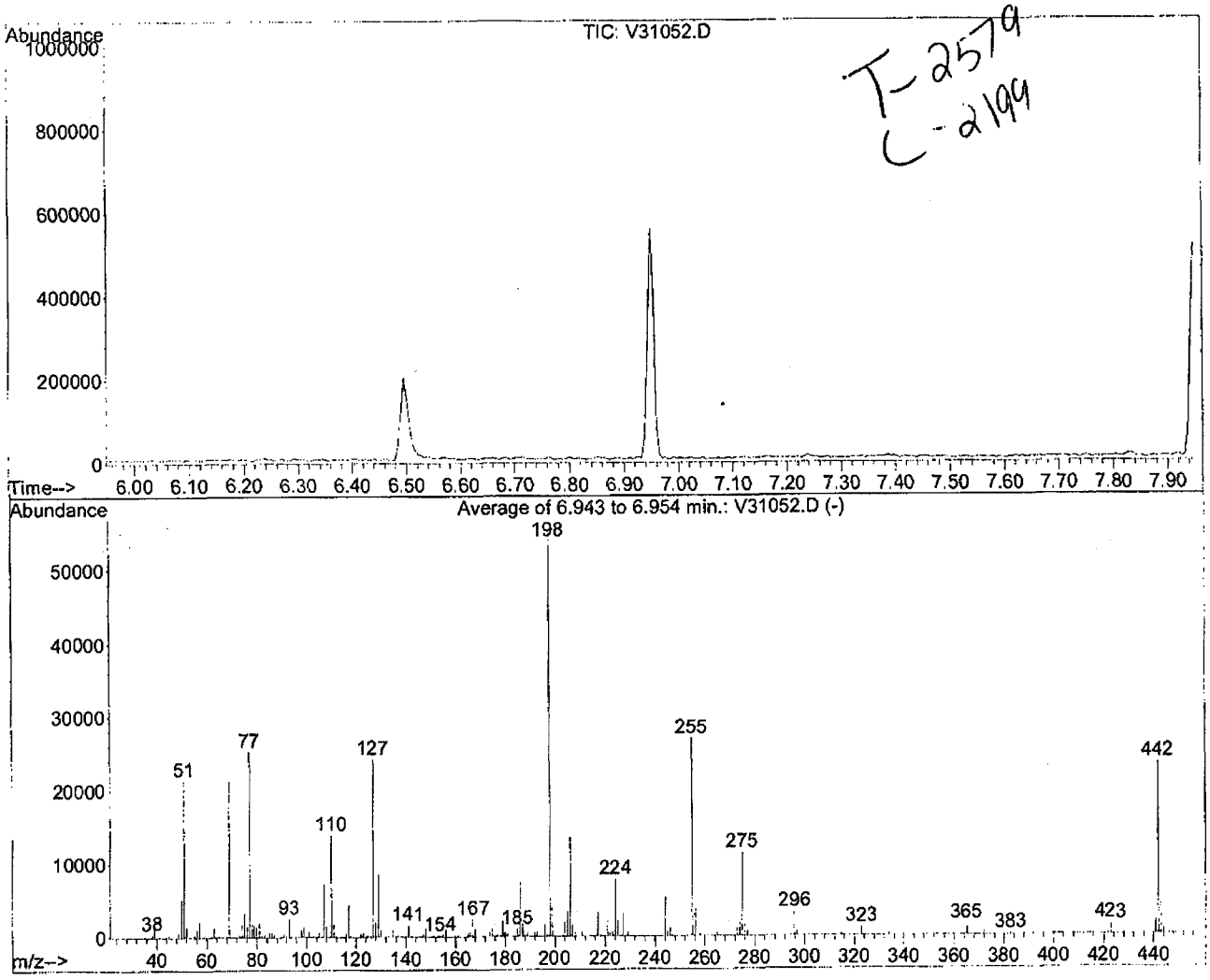
response 0

Ion	Exp%	Act%
235.00	100	100
165.00	36.20	57.78
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\090308\V31052.D
Acq On : 3 Sep 2008 19:21
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00



Peak Apex is scan: 537 (6.95 min)
Average of 3 scans: 536,537,538 minus background scan 517 (6.84 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	39.4	21348	PASS
68	69	0	2	0.8	170	PASS
69	198	0	100	39.3	21279	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	44.8	24248	PASS
197	198	0	1	0.4	231	PASS
198	198	100	100	100.0	54152	PASS
199	198	5	9	7.2	3889	PASS
275	198	10	30	21.1	11403	PASS
365	198	1	100	2.7	1489	PASS
441	198	0	100	3.8	2037	PASS
442	198	39	110	43.0	23305	PASS
443	442	17	23	18.8	4381	PASS

V31052.D TUNEQ.M Wed Sep 03 19:32:31 2008 HP5973-V

Average of 6.943 to 6.954 min.: V31052.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.20	481	73.05	404	84.95	606	108.05	1487
39.10	1265	74.05	1822	86.00	658	110.00	13965
48.95	585	75.05	3233	87.00	455	111.00	1823
50.10	5112	76.00	1503	90.95	437	116.05	488
51.10	21348	77.10	25280	93.00	2566	117.00	4445
52.10	1417	78.05	1846	98.00	1110	122.05	506
55.15	399	79.00	1595	98.20	895	123.05	605
56.05	1135	80.00	1438	98.95	1456	124.90	284
57.10	2203	81.05	2011	101.05	826	127.00	24248
63.00	1234	82.00	334	105.00	704	128.00	1993
69.00	21279	83.15	416	107.00	7337	129.00	8487

Average of 6.943 to 6.954 min.: V31052.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.95	930	168.00	1136	191.95	619	216.95	3263
135.00	996	173.95	614	192.95	589	221.05	2821
140.95	1601	174.95	1099	196.05	1590	221.70	396
146.90	289	179.05	2096	198.00	54152	222.00	458
147.15	512	179.85	622	198.95	3889	222.85	549
147.95	1189	180.10	607	204.00	2003	223.20	301
155.05	460	181.05	548	205.05	3387	224.05	7793
156.05	976	185.05	1052	206.05	13580	224.95	2145
165.00	570	186.00	7396	207.00	1598	227.05	3159
166.05	696	187.10	2356	208.10	543	229.10	609
167.10	2429	189.00	556	210.80	656	244.10	5265

Average of 6.943 to 6.954 min.: V31052.D
DFTPP 50NG
Modified:subtracted

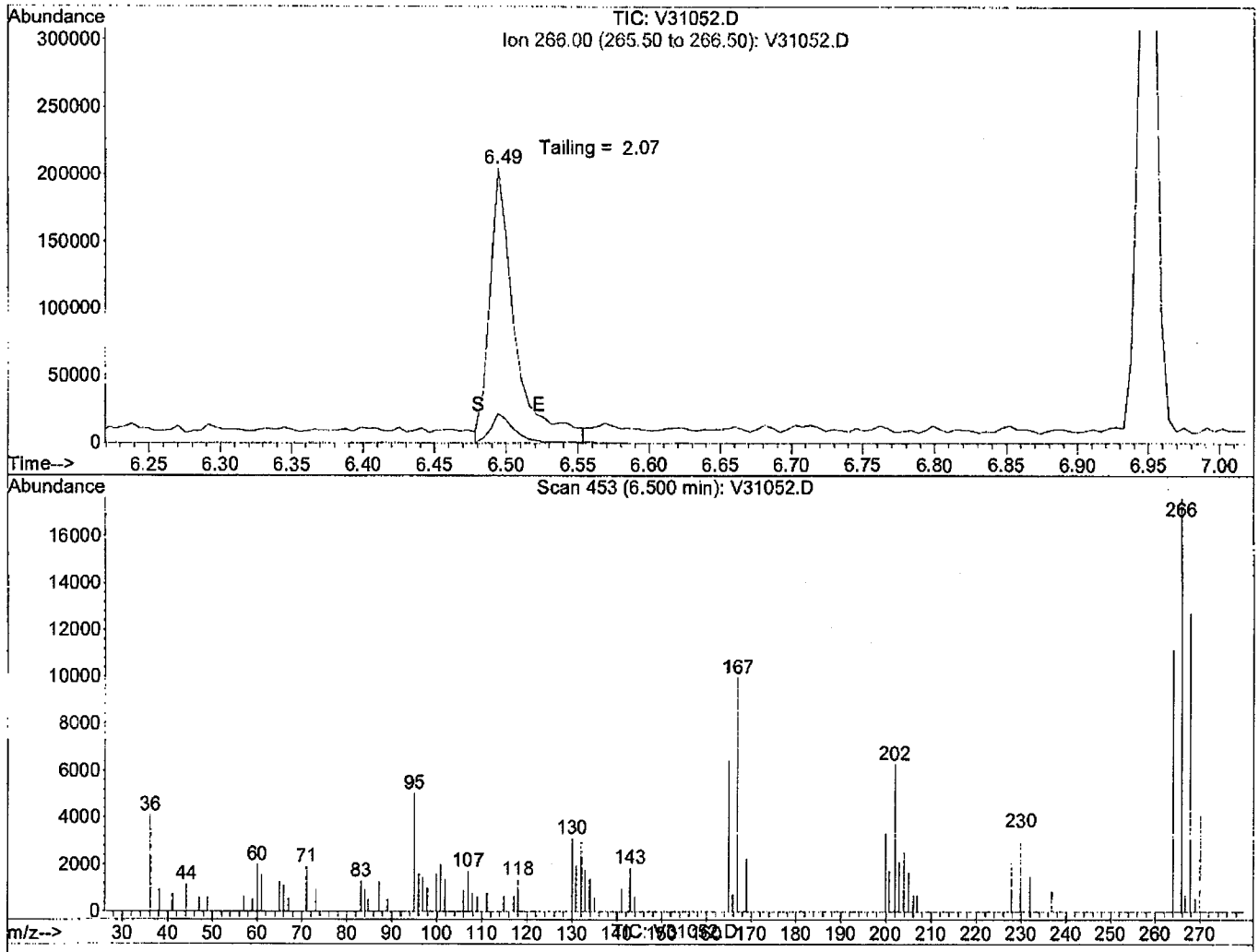
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
244.90	323	276.85	776	443.00	4381		
245.15	639	296.05	3233	444.10	742		
245.95	1102	297.00	650				
255.00	26881	322.95	1125				
256.05	3974	333.90	288				
258.00	1834	365.00	1489				
264.90	523	372.10	521				
273.00	1139	422.90	1399				
274.05	1828	440.80	1518				
275.00	11403	441.05	2037				
276.05	1730	441.95	23305				

Quantitation Report

Data File : D:\DATA\090308\V31052.D
Acq On : 3 Sep 2008 19:21
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.46min

response 0

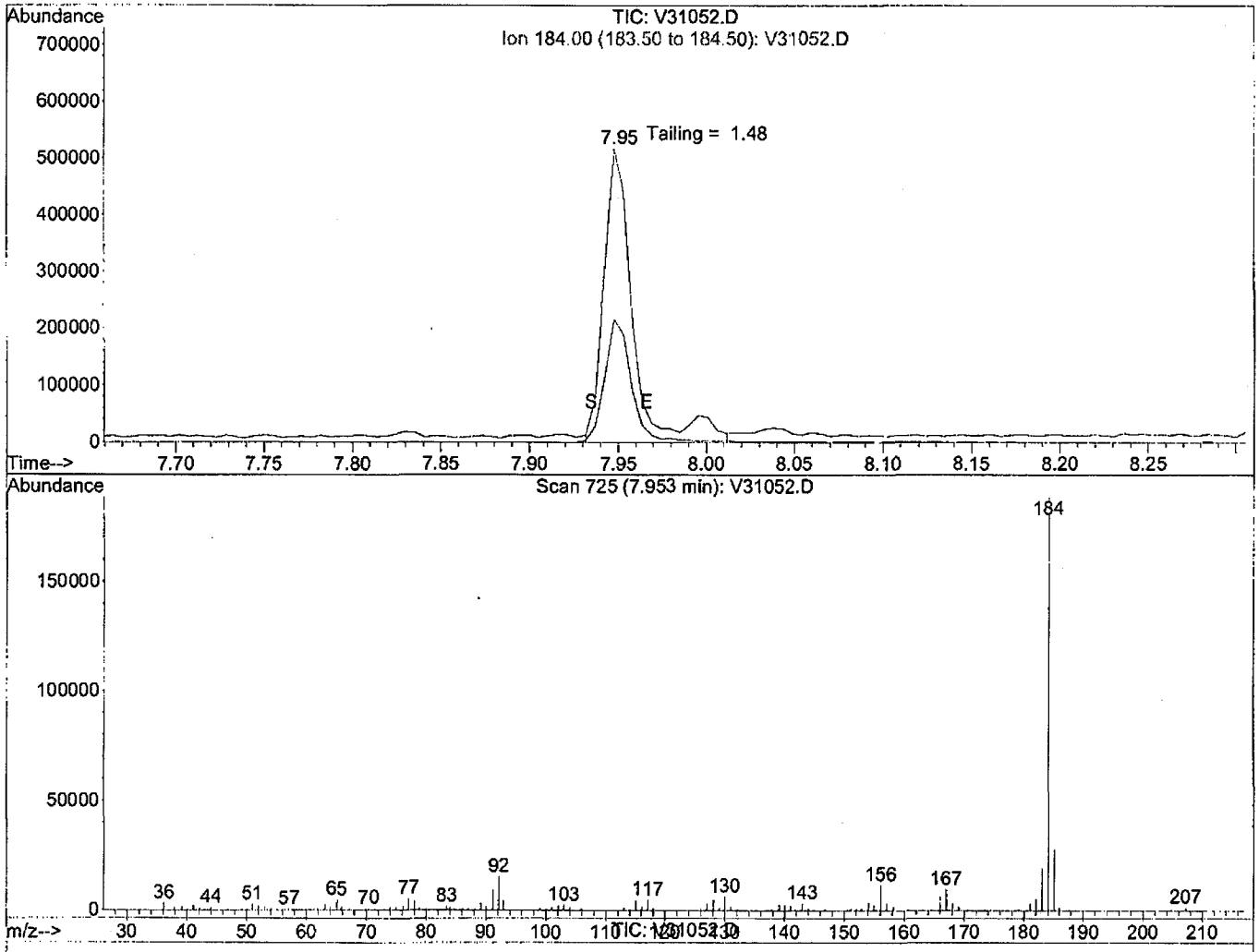
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	8.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090308\V31052.D
Acq On : 3 Sep 2008 19:21
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.25min

response 0

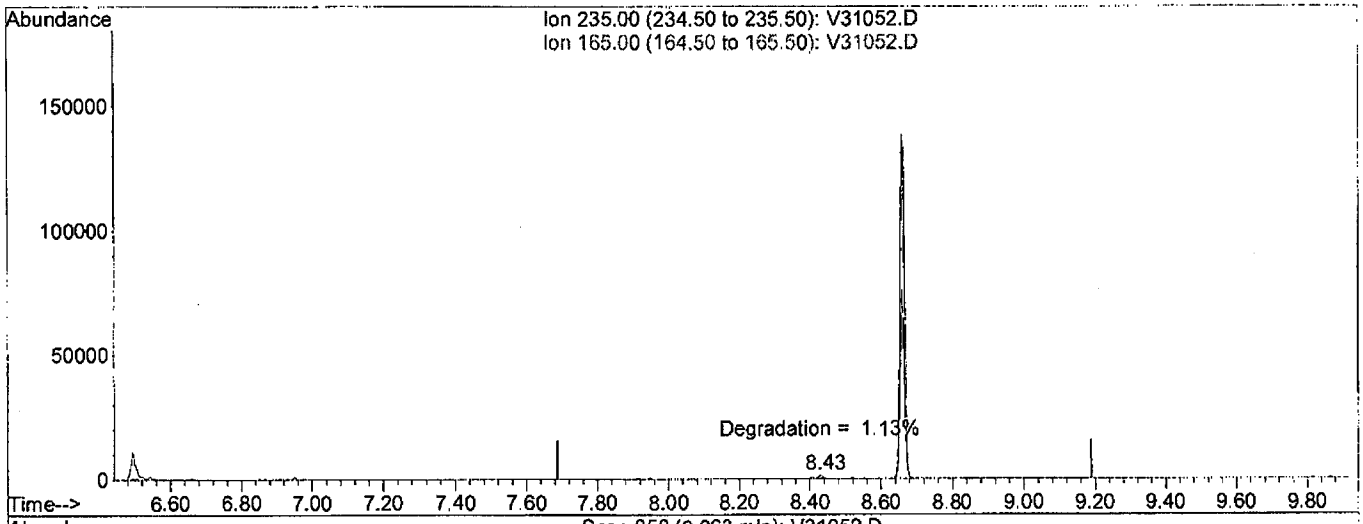
Signal	Exp%	Act%
TIC	100	100
184.00	40.70	2482.61
0.00	0.00	0.00
0.00	0.00	0.00

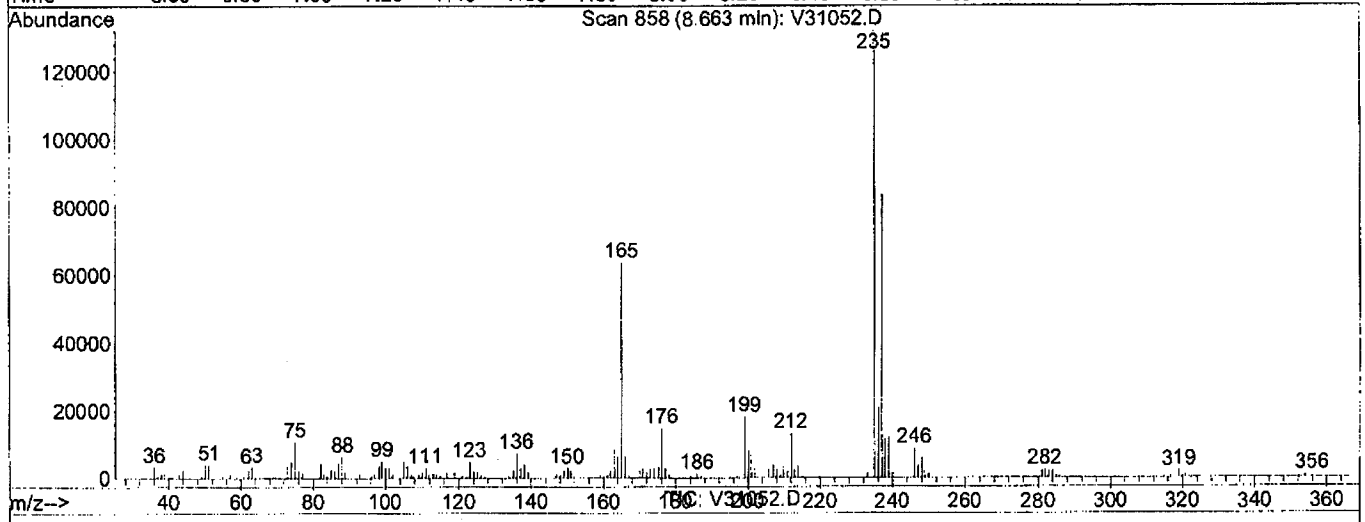
Quantitation Report

Data File : D:\DATA\090308\V31052.D
Acq On : 3 Sep 2008 19:21
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration





(3) 4-4DDT

Exp R.T. 8.44min

response 0

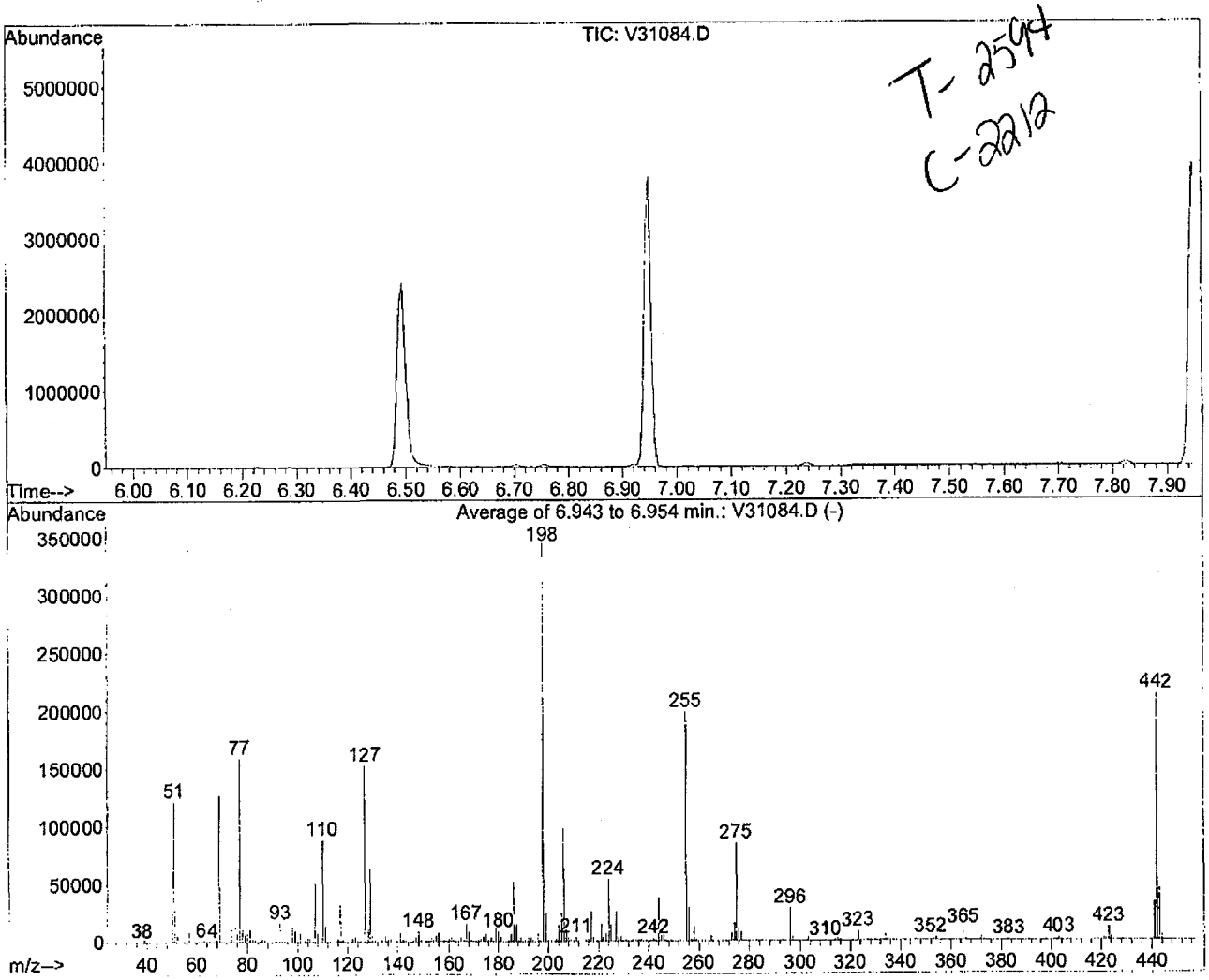
Ion	Exp%	Act%
235.00	100	100
165.00	82.90	48.11
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\090408\V31084.D
Acq On : 4 Sep 2008 9:19
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

T-2544
C-2212



Peak Apex is scan: 537 (6.95 min)
Average of 3 scans: 536,537,538 minus background scan 517 (6.84 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	35.2	121717	PASS
68	69	0	2	1.7	2186	PASS
69	198	0	100	36.8	127152	PASS
70	69	0	2	0.5	629	PASS
127	198	40	60	44.3	152805	PASS
197	198	0	1	0.1	415	PASS
198	198	100	100	100.0	345301	PASS
199	198	5	9	6.8	23380	PASS
275	198	10	30	24.5	84754	PASS
365	198	1	100	3.1	10538	PASS
441	198	0	100	9.5	32949	PASS
442	198	39	110	61.8	213226	PASS
443	442	17	23	21.0	44714	PASS

V31084.D TUNEQ.M Thu Sep 04 09:29:56 2008 HP5973-V

Average of 6.943 to 6.954 min.: V31084.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	7105	74.05	13338	86.00	3092	107.00	50552
50.10	27613	75.10	21050	87.05	2070	108.00	7725
51.10	121717	76.05	7432	91.00	2830	110.00	88464
52.10	6147	77.10	159336	91.95	2825	111.00	14101
56.05	3734	78.10	11498	93.00	16727	112.10	1802
57.00	8962	79.05	8860	98.00	12932	116.00	2860
62.10	1729	80.00	8591	99.00	10355	117.00	32827
63.05	6083	81.00	11688	101.05	7672	118.10	2471
65.10	2421	82.05	2775	103.00	1957	122.00	3218
68.05	2186	83.00	2790	104.00	4064	123.10	4985
69.00	127152	85.00	1833	105.00	3836	124.05	2034

Average of 6.943 to 6.954 min.: V31084.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
125.10	2116	147.05	4246	167.00	15366	186.05	51341
127.00	152805	148.00	9006	168.00	8013	187.10	14708
128.10	11651	149.05	1886	173.00	2269	189.00	3560
129.00	62661	153.05	3004	174.05	4421	192.00	3765
130.00	5313	154.05	2039	175.10	6365	192.90	1737
133.95	1847	155.05	4993	176.15	1856	193.05	3354
135.05	5334	156.00	7444	177.00	3423	196.05	7683
136.00	2402	160.10	2779	179.00	11868	198.00	345301
137.10	2217	161.00	4173	180.05	8953	199.00	23380
141.05	8709	165.00	3590	181.05	4327	203.00	2691
142.05	2382	166.15	2267	185.00	6529	204.05	14195

Average of 6.943 to 6.954 min.: V31084.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
205.10	24777	224.10	53869	246.05	7636	296.00	28272
206.10	97093	225.05	14088	255.00	198869	297.00	3750
207.05	13386	227.00	25536	256.00	28997	303.05	3275
208.05	3308	228.05	3754	257.05	2081	315.00	2413
211.10	3771	229.00	4390	258.00	12713	316.05	1791
216.05	2492	231.05	2094	265.05	4749	323.10	8258
217.00	25821	234.05	1819	273.00	6822	334.05	5357
218.05	3651	237.05	1738	274.05	15795	351.95	2136
221.10	14699	242.05	2591	275.00	84754	354.00	2623
221.75	3834	244.10	37320	276.00	10870	365.00	10538
223.00	6266	245.05	4586	277.00	8503	366.00	1905

Average of 6.943 to 6.954 min.: V31084.D
DFTPP 50NG
Modified:subtracted

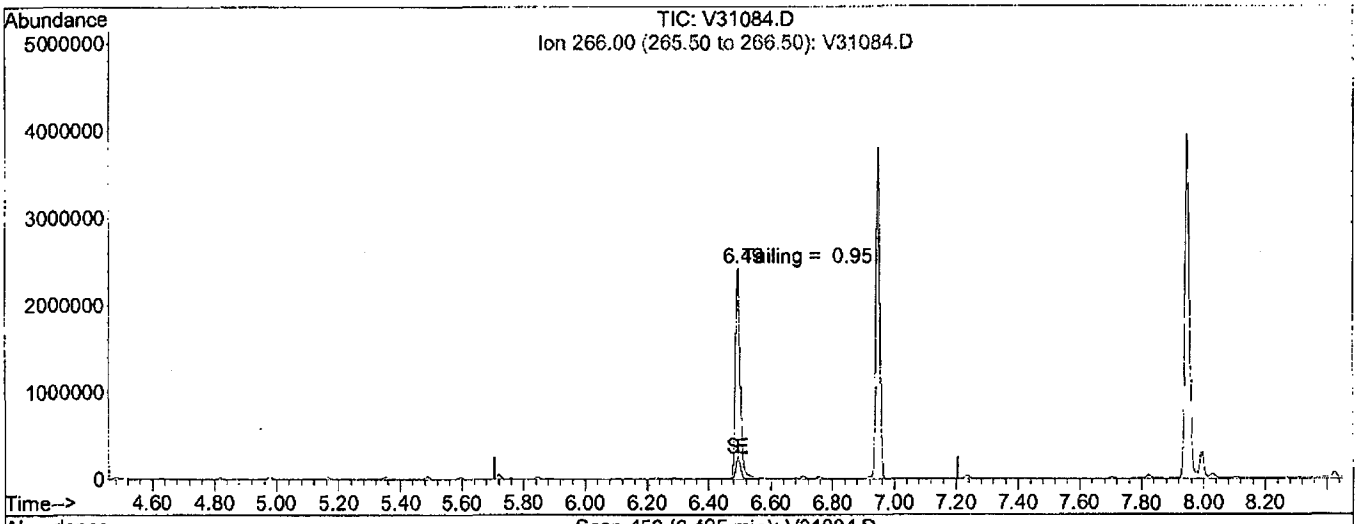
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
372.00	3945						
402.95	2031						
421.05	2135						
421.95	1841						
423.00	11154						
424.00	2877						
441.00	32949						
442.00	213226						
443.00	44714						
443.95	3779						

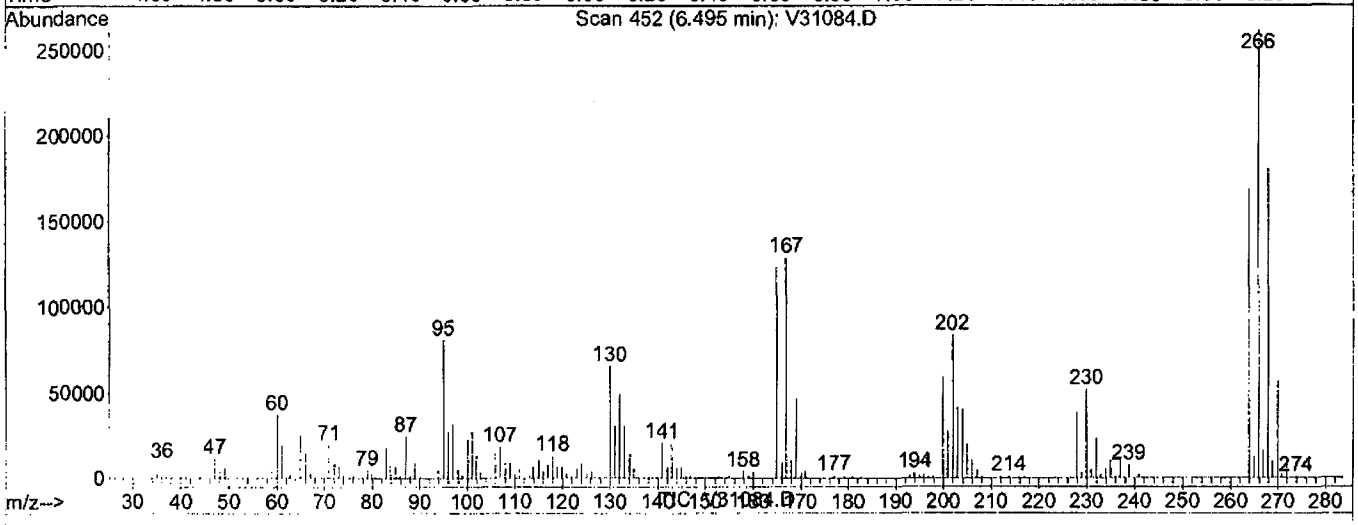
Quantitation Report

Data File : D:\DATA\090408\V31084.D
Acq On : 4 Sep 2008 9:19
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration





(1) Pentachlorophenol

Exp R.T. 6.46min

response 0

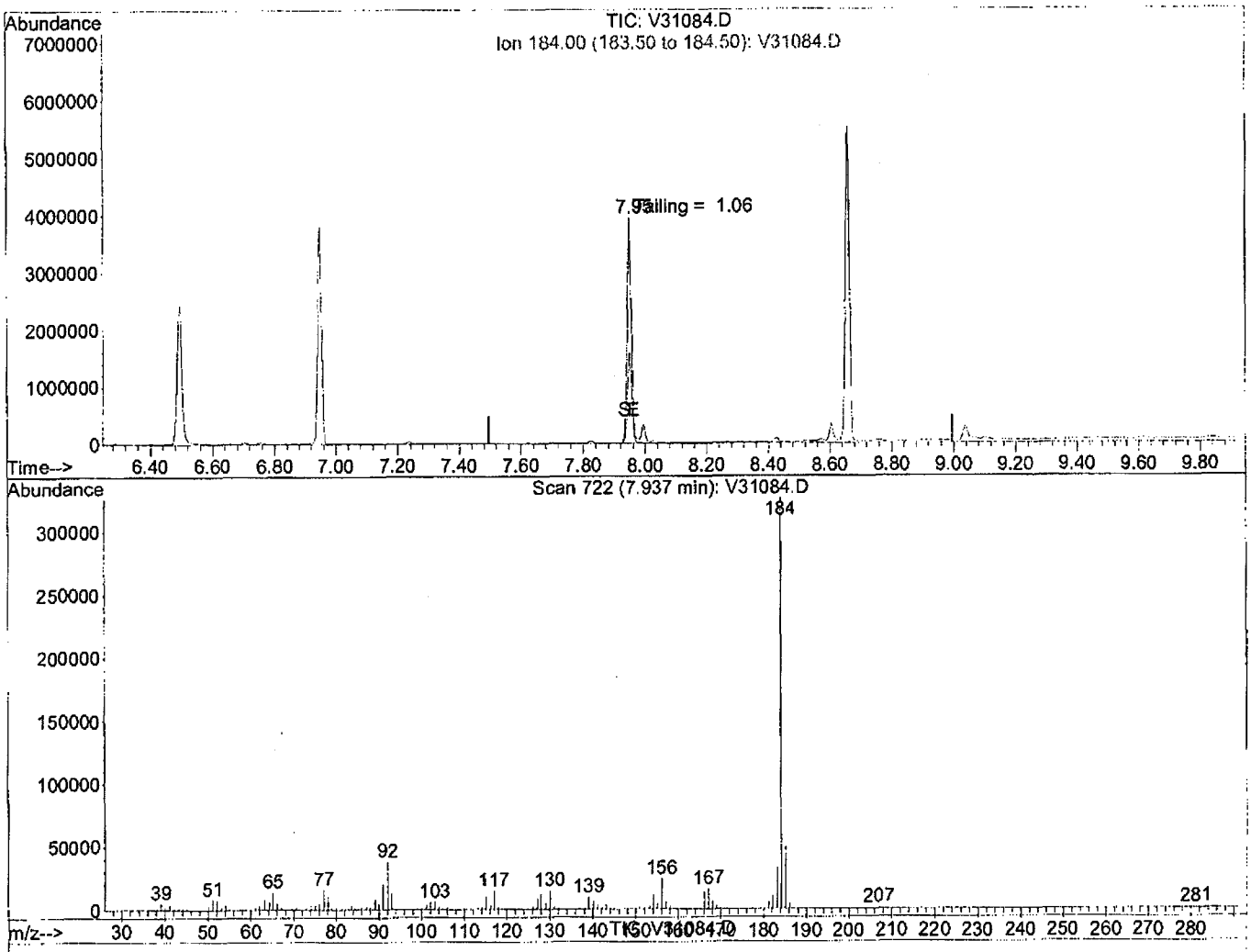
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	10.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090408\V31084.D
Acq On : 4 Sep 2008 9:19
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.25min

response 0

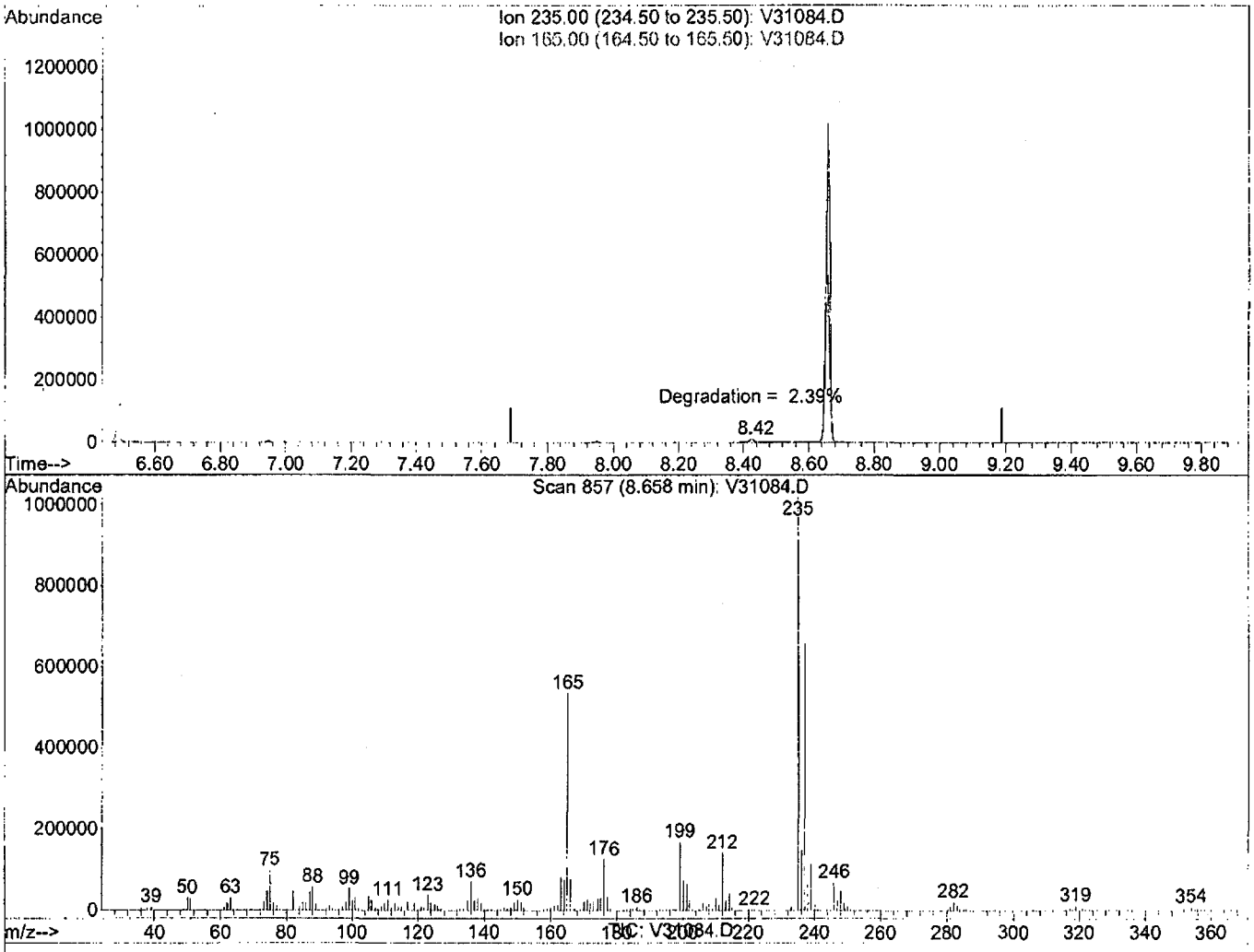
Signal	Exp%	Act%
TIC	100	100
184.00	40.70	2881.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090408\V31084.D
Acq On : 4 Sep 2008 9:19
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.44min

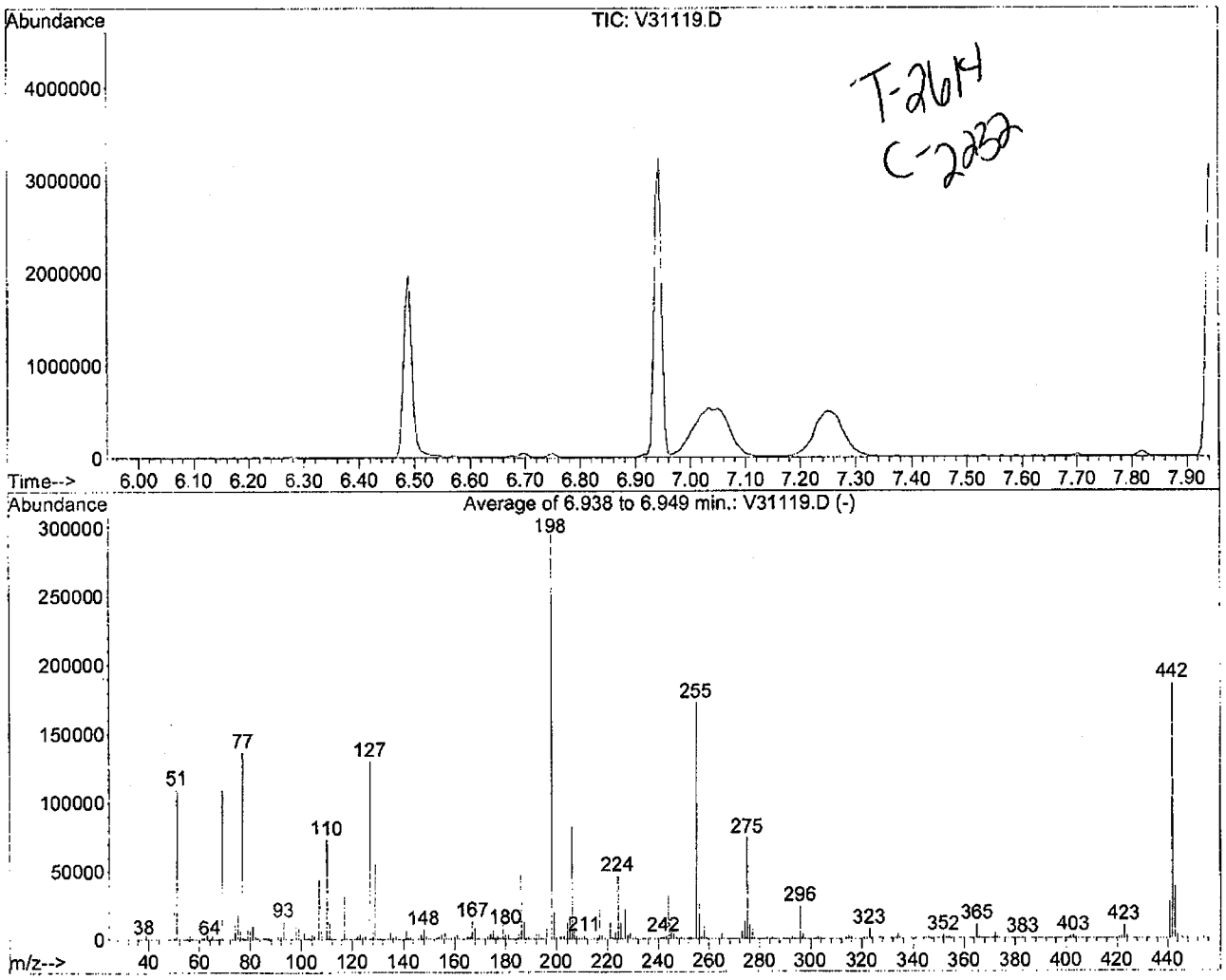
response 0

Ion	Exp%	Act%
235.00	100	100
165.00	82.90	52.57
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\090408\V31119.D
Acq On : 4 Sep 2008 23:32
Sample : DFTPP 50NG
Misc : SC33-12J
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00



Peak Apex is scan: 536 (6.94 min)
Average of 3 scans: 535,536,537 minus background scan 516 (6.84 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	37.2	109696	PASS
68	69	0	2	1.7	1890	PASS
69	198	0	100	37.2	109490	PASS
70	69	0	2	0.3	283	PASS
127	198	40	60	44.1	129946	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	294592	PASS
199	198	5	9	6.5	19098	PASS
275	198	10	30	25.0	73525	PASS
365	198	1	100	3.5	10216	PASS
441	198	0	100	9.0	26632	PASS
442	198	39	110	63.0	185466	PASS
443	442	17	23	20.3	37704	PASS

V31119.D TUNEQ.M Thu Sep 04 23:43:26 2008 HP5973-V

Average of 6.938 to 6.949 min.: V31119.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	6649	74.10	11383	86.00	2196	108.00	5830
50.10	22605	75.05	18414	91.00	2112	110.00	73213
51.05	109696	76.10	5999	92.00	2402	111.05	11755
52.10	5580	77.10	136461	93.00	13415	116.05	2331
56.10	3287	78.10	9082	98.00	10410	117.00	31413
57.05	8542	79.05	8533	99.00	9085	118.00	2494
61.00	1477	80.00	6722	101.05	5456	121.95	2512
63.10	5732	81.00	10068	103.00	1583	123.00	3929
65.10	3224	82.05	2326	104.00	3552	124.10	1891
68.05	1890	83.00	1825	105.00	3560	125.00	2007
69.00	109490	85.05	1863	107.00	43336	127.05	129946

Average of 6.938 to 6.949 min.: V31119.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.10	9986	148.00	7284	167.00	13080	185.00	5651
129.00	55002	149.00	2487	168.00	7606	186.05	46909
130.00	4225	153.05	2386	172.05	1586	187.10	12805
134.05	1528	154.00	1863	173.05	1768	189.05	2574
135.00	4640	155.00	4004	174.10	3873	191.95	3647
136.10	1822	156.10	6172	175.05	6534	193.00	4004
137.00	2353	156.95	1474	176.00	1533	196.10	7404
141.10	6238	160.00	2175	177.00	2584	198.00	294592
142.00	1947	161.05	3400	179.00	10586	199.00	19098
142.95	1928	165.00	2786	180.05	7841	200.00	1711
147.05	3204	166.10	2095	181.00	3462	201.50	1788

Average of 6.938 to 6.949 min.: V31119.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
203.00	2666	223.00	4956	244.10	31381	274.00	12946
204.00	12314	224.05	46221	245.00	4684	275.00	73525
205.05	19608	225.05	11470	246.05	6569	276.10	10169
206.10	81674	227.00	21870	252.10	1800	277.00	7541
207.05	10500	227.95	2964	255.00	172125	293.00	1623
208.05	2932	229.00	3965	256.00	25323	296.05	23690
211.00	2687	231.10	1475	257.00	2102	297.00	3277
217.00	21776	237.00	1609	258.00	9905	303.10	2677
218.00	2801	241.05	1538	259.00	1582	315.00	2759
221.05	11780	242.05	2092	265.05	3773	316.05	1889
221.90	2364	243.05	1978	273.05	5519	323.05	7243

Average of 6.938 to 6.949 min.: V31119.D
DFTPP 50NG
Modified:subtracted

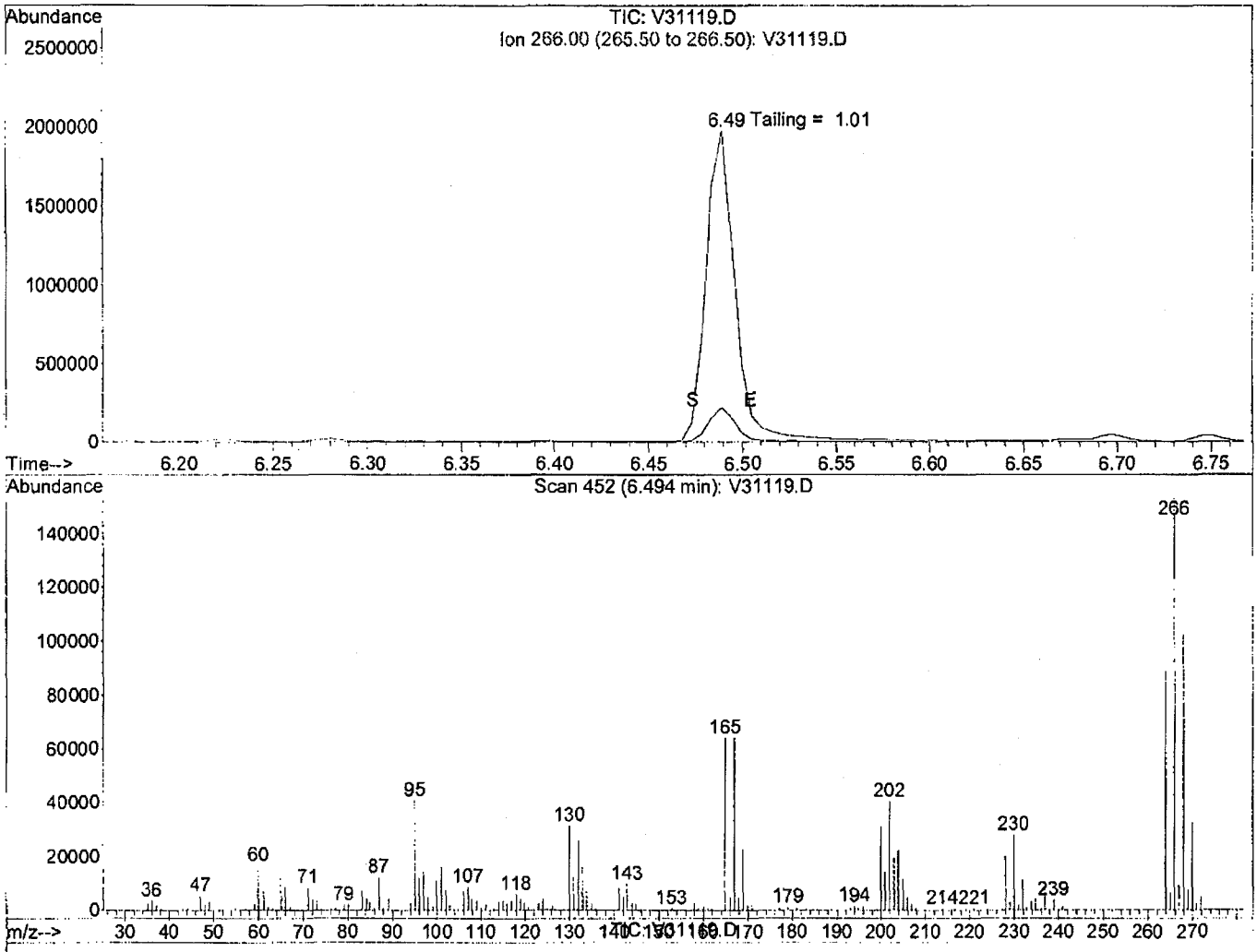
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
327.05	1490	441.00	26632				
334.05	3561	442.00	185466				
351.95	2315	443.00	37704				
354.00	1769	444.05	3046				
365.00	10216						
372.05	3792						
401.95	1482						
403.00	2090						
420.95	1590						
423.00	9498						
424.00	1978						

Quantitation Report

Data File : D:\DATA\090408\V31119.D
Acq On : 4 Sep 2008 23:32
Sample : DFTPP 50NG
Misc : SC33-12J
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.46min

response 0

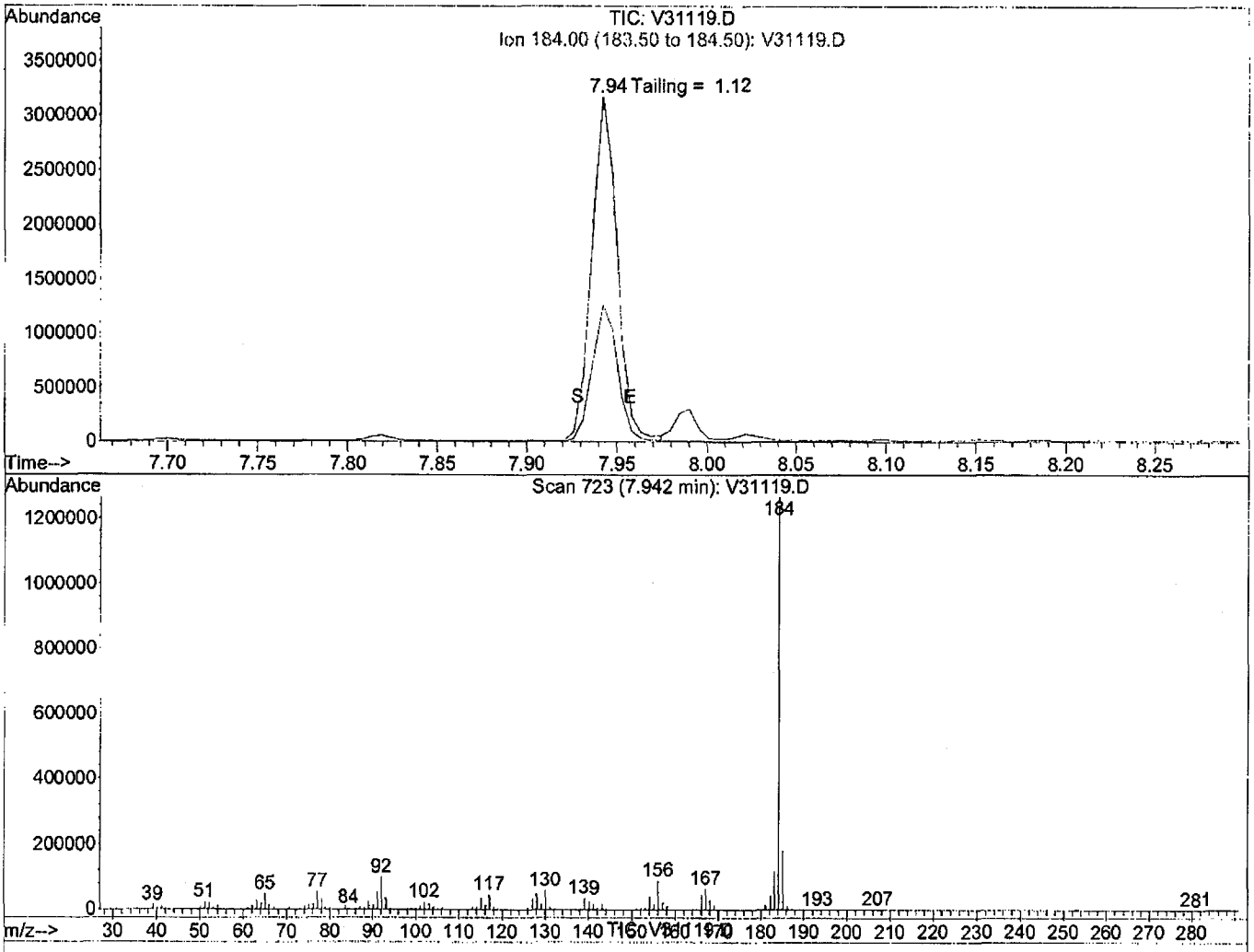
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	7.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090408\V31119.D
Acq On : 4 Sep 2008 23:32
Sample : DFTPP 50NG
Misc : SC33-12J
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.25min

response 3070865

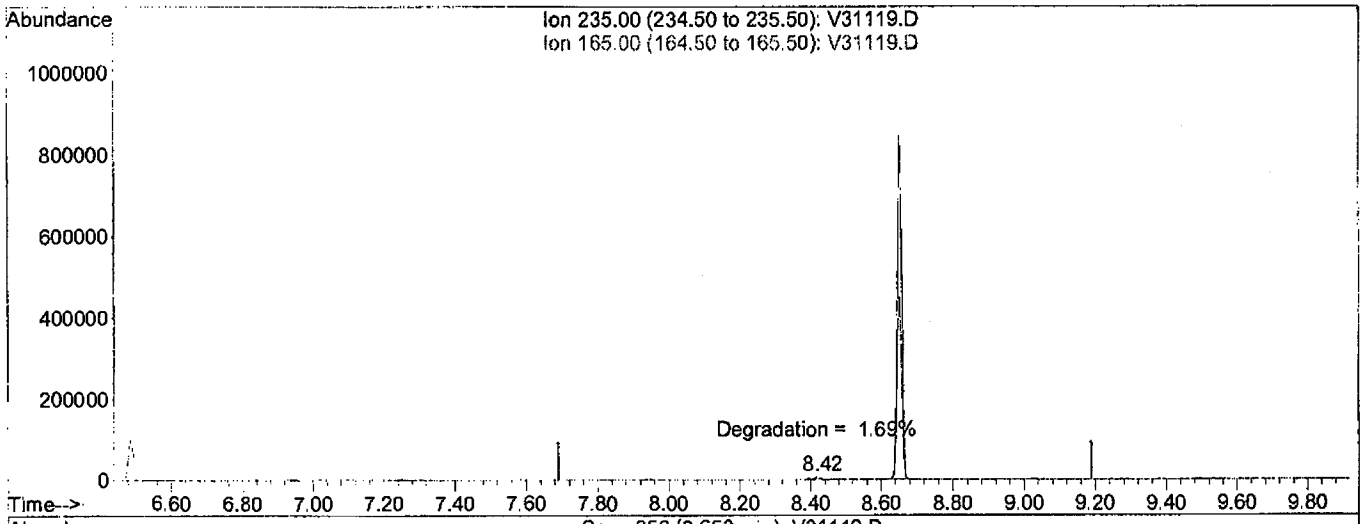
Signal	Exp%	Act%
TIC	100	100
184.00	40.70	8765.08
0.00	0.00	0.00
0.00	0.00	0.00

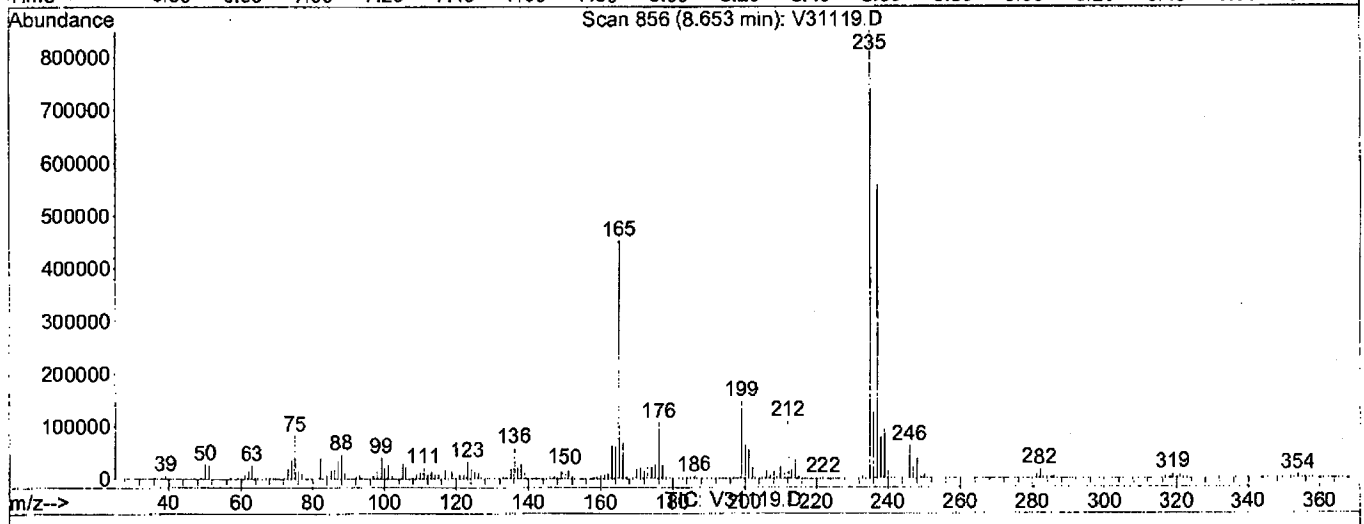
Quantitation Report

Data File : D:\DATA\090408\V31119.D
Acq On : 4 Sep 2008 23:32
Sample : DFTPP 50NG
Misc : SC33-12J
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 08:48:58 2008
Response via : Initial Calibration





(3) 4-4DDT

Exp R.T. 8.44min

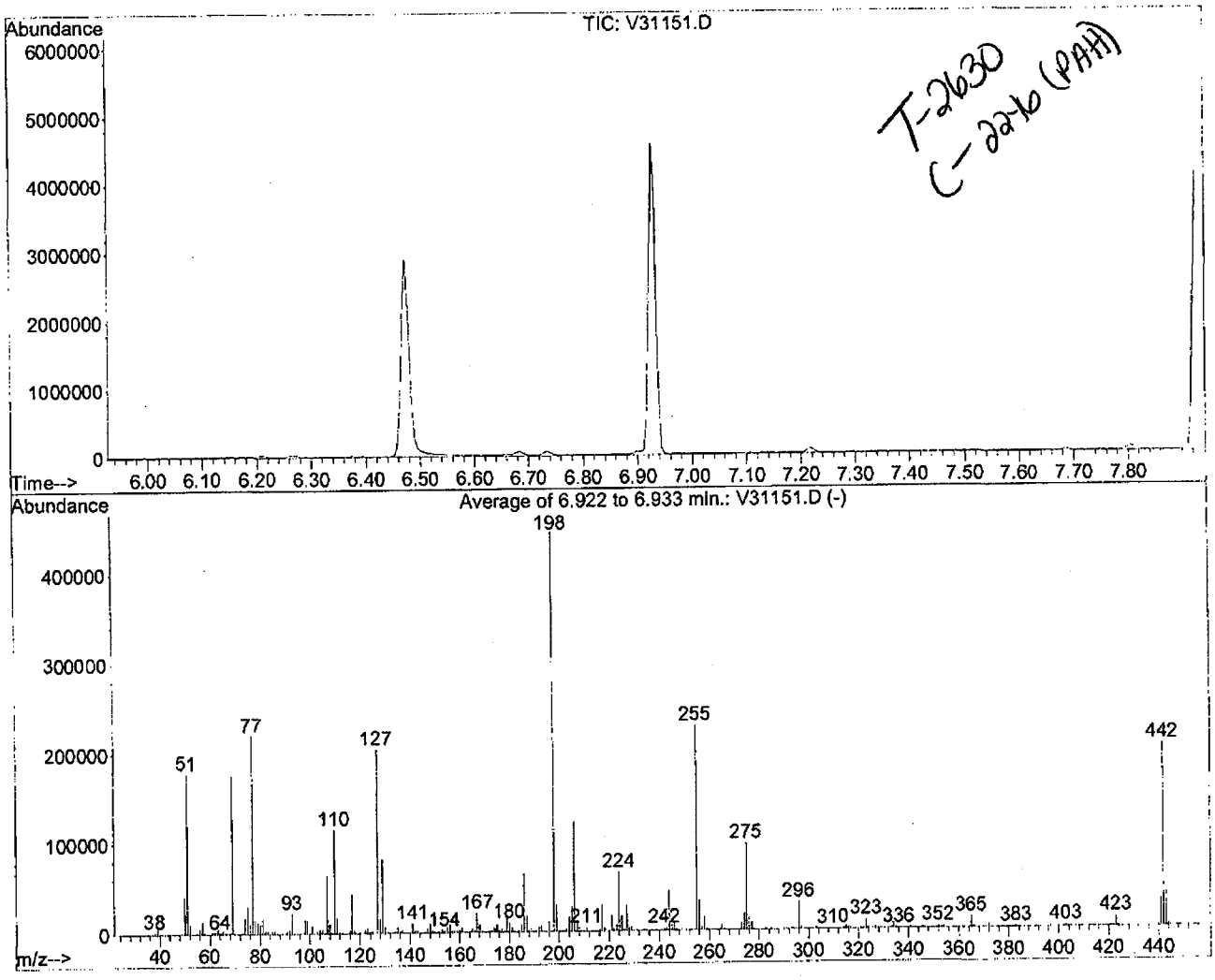
response 0

Ion	Exp%	Act%
235.00	100	100
165.00	82.90	53.26
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\090508\V31151.D
Acq On : 5 Sep 2008 14:02
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00



T-2630
C-2216 (PAH)

Peak Apex is scan: 533 (6.93 min)
Average of 3 scans: 532,533,534 minus background scan 513 (6.82 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	39.9	177258	PASS
68	69	0	2	1.0	1693	PASS
69	198	0	100	39.5	175786	PASS
70	69	0	2	0.4	695	PASS
127	198	40	60	46.0	204629	PASS
197	198	0	1	0.2	761	PASS
198	198	100	100	100.0	444522	PASS
199	198	5	9	6.6	29498	PASS
275	198	10	30	21.6	96032	PASS
365	198	1	100	2.7	12167	PASS
441	198	0	100	7.0	31212	PASS
442	198	39	110	45.6	202866	PASS
443	442	17	23	20.7	41938	PASS

V31151.D TUNEQ.M Fri Sep 05 14:13:50 2008 HP5973-V

Average of 6.922 to 6.933 min.: V31151.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	10547	74.05	17314	86.00	3062	108.00	10461
50.10	41096	75.00	30202	90.95	2945	110.00	114938
51.10	177258	76.10	10254	92.05	3549	111.00	17509
52.10	10079	77.10	220352	93.00	22256	116.05	3672
56.00	5436	78.05	15377	98.00	15341	117.00	43442
57.05	12933	79.00	12486	99.00	14210	118.05	3077
61.05	2230	80.00	10254	101.00	8588	122.00	3546
62.05	2791	81.00	16243	103.00	2670	123.00	5611
63.10	8108	82.05	3507	104.00	4918	124.00	3119
65.10	3985	83.05	3749	105.05	4809	124.95	2321
69.00	175786	84.95	3072	107.00	64592	127.00	204629

Average of 6.922 to 6.933 min.: V31151.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.05	16011	148.00	9873	171.90	2235	187.10	17766
129.00	81957	152.95	3507	173.05	2582	189.00	4043
130.00	6505	154.00	2248	174.00	4880	192.05	5286
134.05	2642	155.00	5867	175.05	8477	193.05	6488
135.00	6714	156.00	8464	176.10	2631	196.05	10209
136.05	2687	160.05	3589	177.05	3925	198.00	444522
137.05	3265	161.05	5164	179.00	15056	199.00	29498
141.00	10381	165.05	4117	180.05	10278	202.95	3136
142.00	3009	166.10	2243	181.05	5131	204.00	15885
143.00	2444	167.05	21064	185.05	7806	205.05	27880
147.05	5712	168.10	8956	186.05	65061	206.10	122050

Average of 6.922 to 6.933 min.: V31151.D
DFTPP 50NG
Modified:subtracted

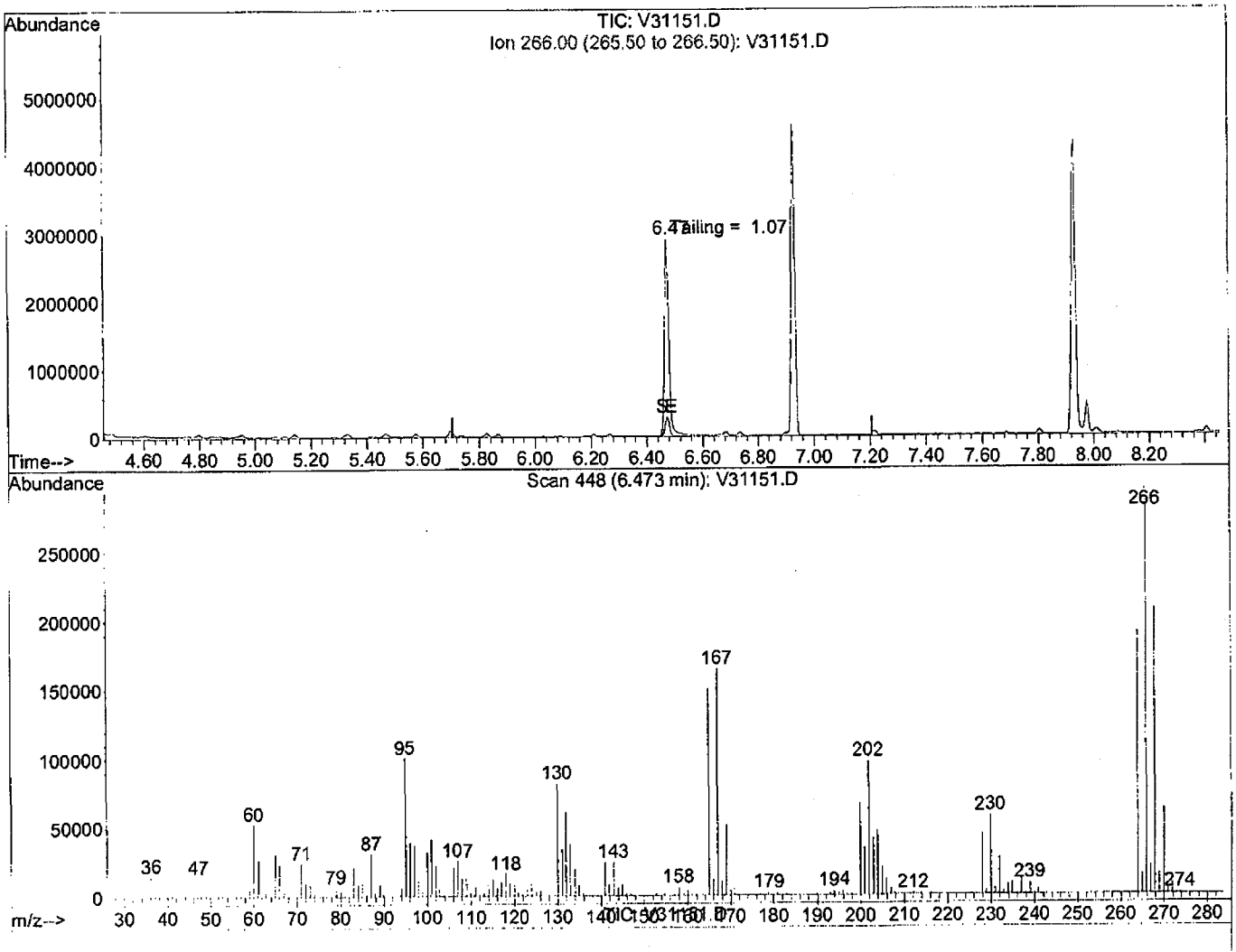
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.05	14394	227.95	3943	265.00	5106	334.00	5757
208.00	4715	229.05	5075	273.00	6856	352.05	2578
210.95	4266	242.10	2784	274.05	18438	354.05	2406
217.00	28256	243.05	3201	275.00	96032	365.00	12167
218.05	3749	244.05	43976	276.05	13245	372.10	3903
221.05	16931	245.10	5773	277.00	8731	423.00	11184
221.75	2911	246.00	10300	296.00	30112	441.00	31212
223.05	6908	255.00	227861	297.05	3285	442.00	202866
224.00	65226	256.00	33250	303.05	3332	443.00	41938
225.05	16272	257.05	3145	315.00	3579	443.95	3696
227.05	28386	258.00	14252	323.10	10065		

Quantitation Report

Data File : D:\DATA\090508\V31151.D
Acq On : 5 Sep 2008 14:02
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 23:44:20 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.46min

response 0

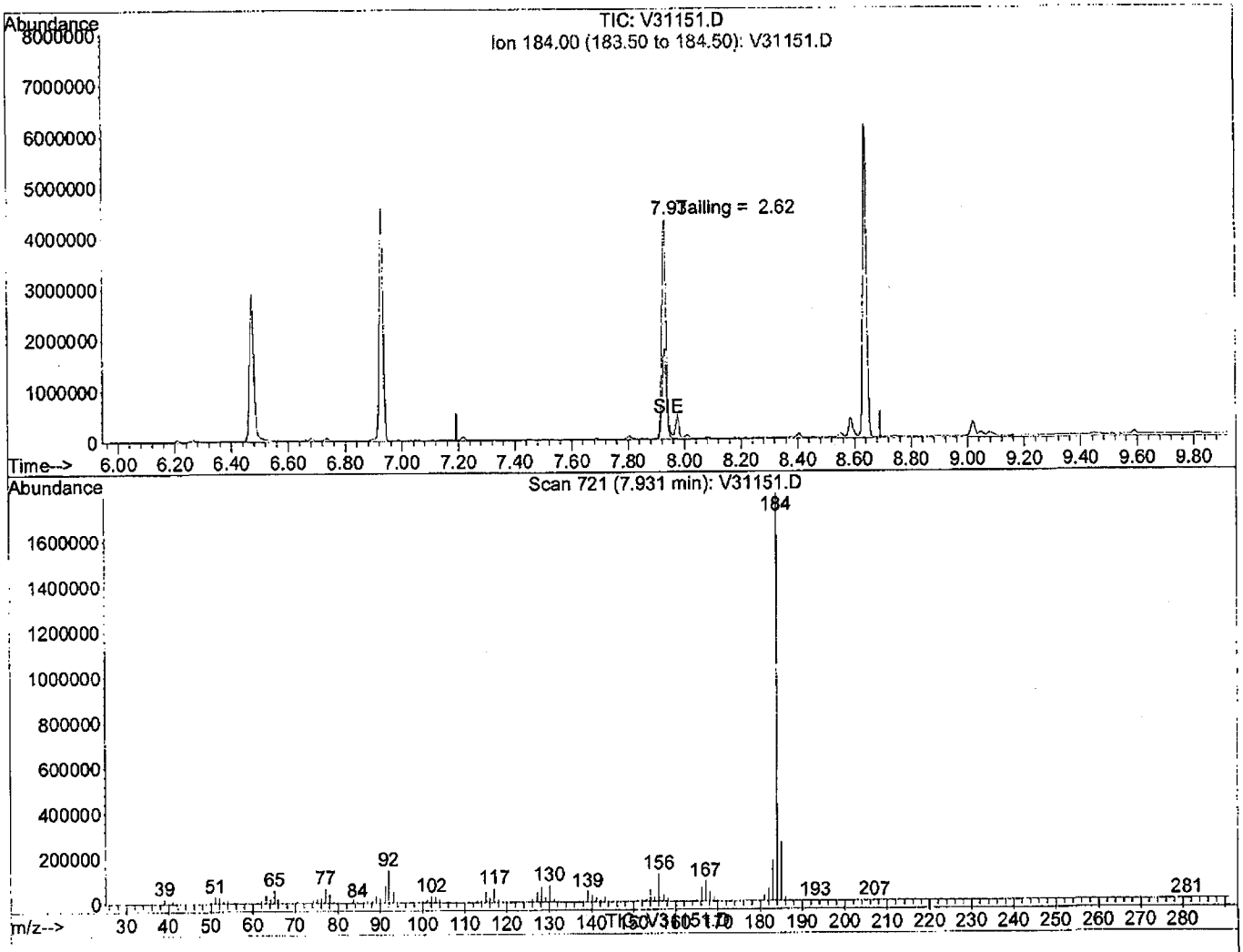
Signal	Exp%	Act%
TIC	100	100
266.00	1147.90	10.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\090508\V31151.D
Acq On : 5 Sep 2008 14:02
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 23:44:20 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 7.94min

response 0

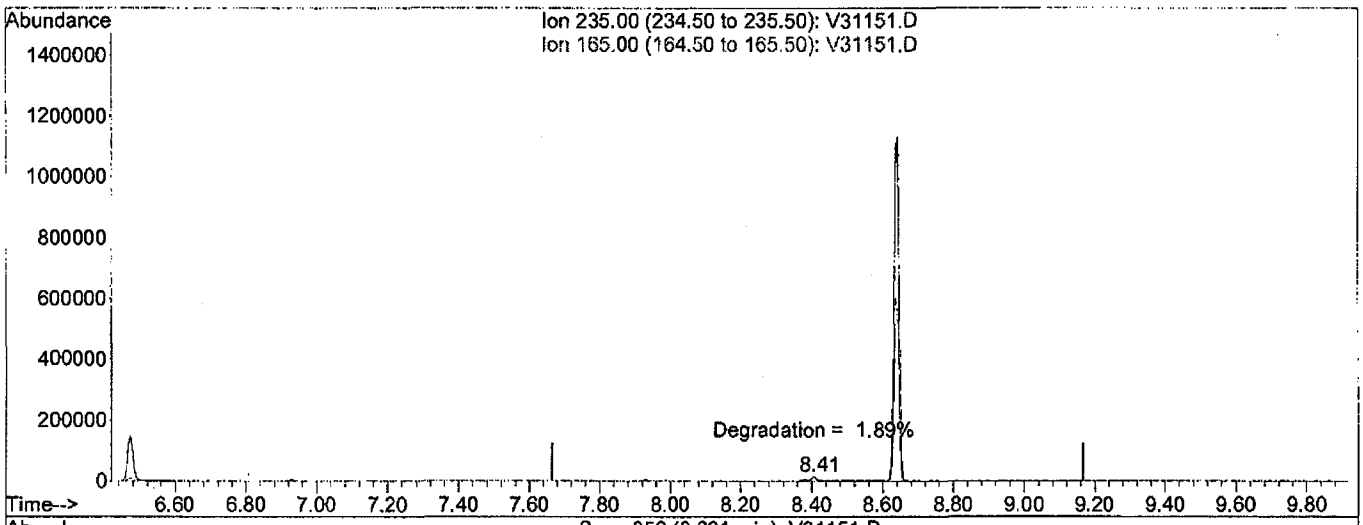
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	41.47
0.00	0.00	0.00
0.00	0.00	0.00

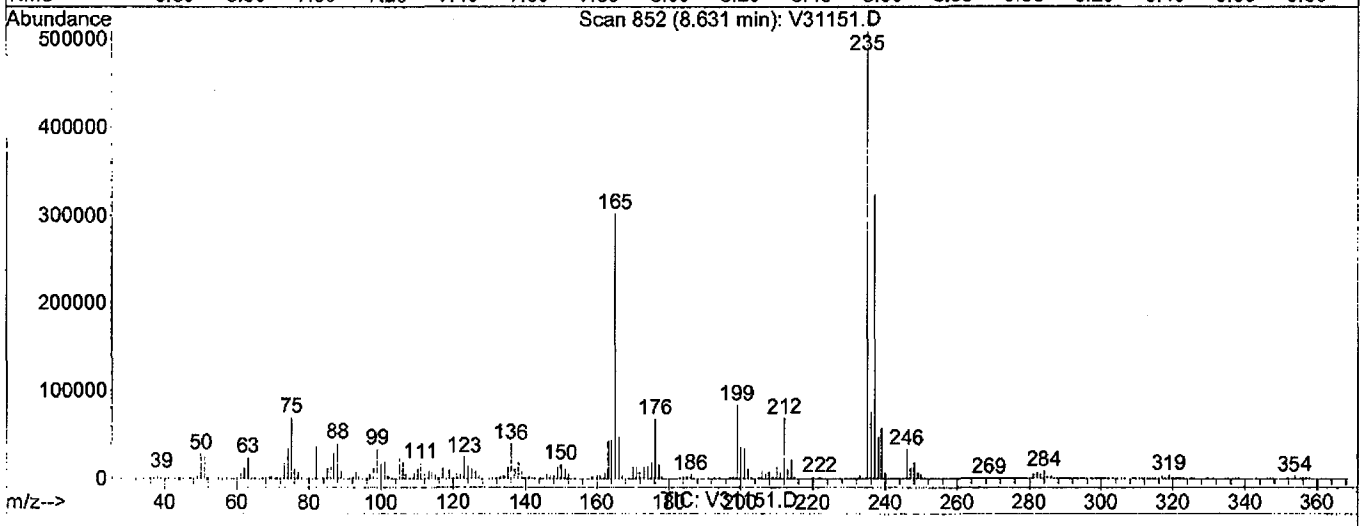
Quantitation Report

Data File : D:\DATA\090508\V31151.D
Acq On : 5 Sep 2008 14:02
Sample : DFTPP 50NG
Misc : SC33-12H
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 23:44:20 2008
Response via : Initial Calibration





(3) 4-4DDT

Exp R.T. 8.42min

response 0

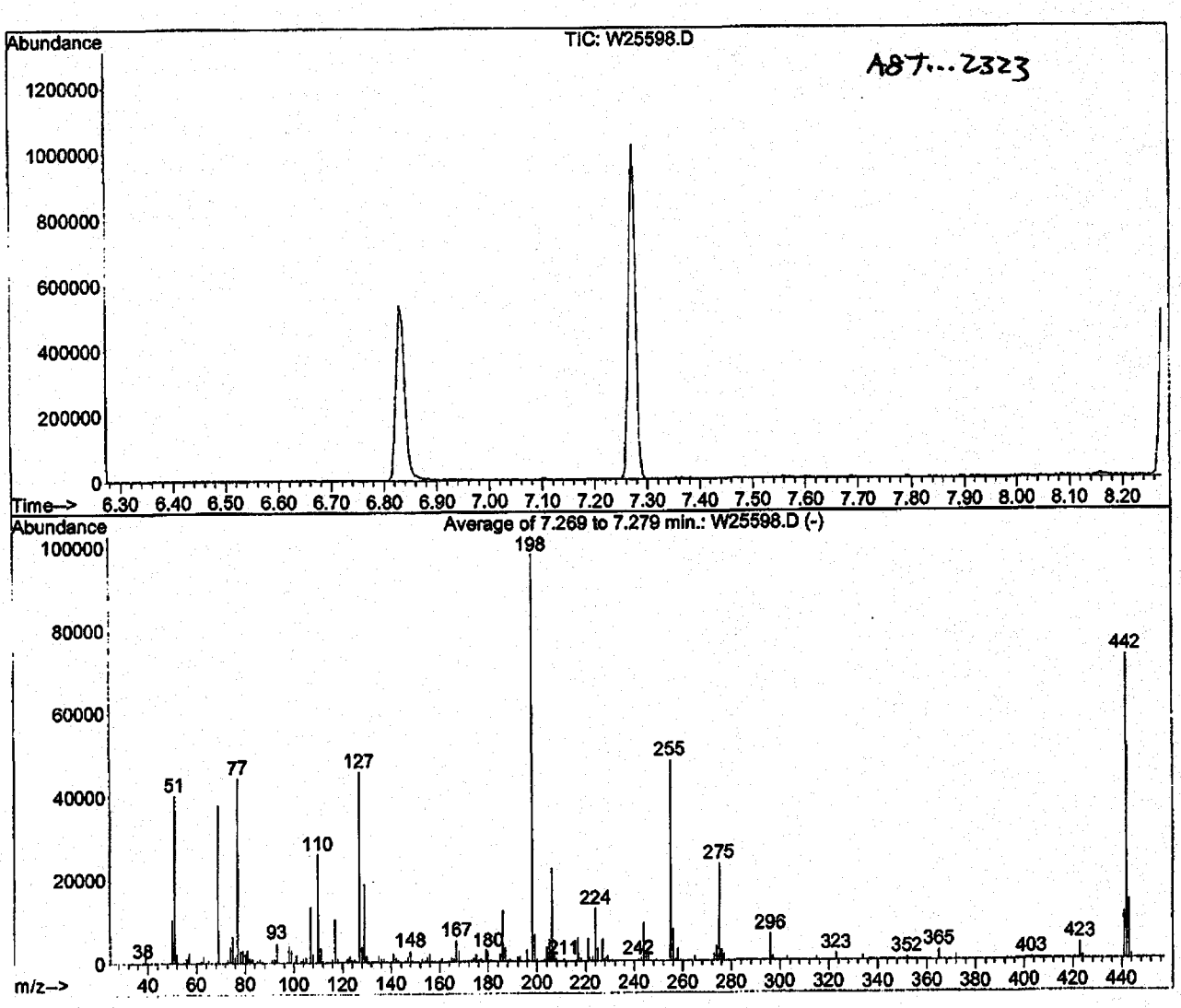
Ion	Exp%	Act%
235.00	100	100
165.00	53.30	59.25
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : C:\MSDChem\1\DATA\081108\W25598.D
Acq On : 11 Aug 2008 8:43
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 860 (7.27 min)
Average of 3 scans: 859,860,861 minus background scan 840 (7.17 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	41.1	40200	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	38.8	37973	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	46.7	45754	PASS
197	198	0	1	0.5	525	PASS
198	198	100	100	100.0	97912	PASS
199	198	5	9	6.7	6560	PASS
275	198	10	30	23.8	23258	PASS
365	198	1	100	2.5	2399	PASS
441	198	0	100	11.6	11314	PASS
442	198	40	110	74.7	73133	PASS
443	442	17	23	19.4	14152	PASS

W25598.D TUNEQ.M Mon Aug 11 08:56:11 2008

Average of 7.269 to 7.279 min.: W25598.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	2982	74.10	3835	86.05	829	108.00	2014
50.10	10422	75.00	6306	91.05	751	110.00	26000
51.10	40200	76.05	1458	92.10	921	111.00	3501
52.10	2124	77.10	44346	93.00	4789	115.90	840
56.00	1185	78.05	2871	98.00	3806	117.00	10381
57.00	2499	79.00	3006	99.00	2803	118.00	857
62.05	525	80.00	2195	101.00	1846	122.00	954
63.05	1704	81.00	3113	103.05	518	123.00	1495
65.05	694	82.05	1125	104.00	1057	124.05	590
69.00	37973	83.05	934	105.00	1309	125.05	814
73.05	686	85.00	603	107.00	13489	127.00	45754

Average of 7.269 to 7.279 min.: W25598.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.00	3660	148.90	498	175.00	1780	196.00	2832
129.00	18864	152.95	855	177.00	782	196.65	525
130.00	1577	155.00	1245	179.00	2993	198.00	97912
135.00	1472	156.00	2003	180.00	2539	199.00	6560
136.05	835	159.90	504	181.05	639	200.00	679
136.95	846	161.00	1106	185.00	1992	203.00	514
140.95	2184	165.00	1020	186.00	12338	204.05	3513
142.05	928	166.00	914	187.05	3363	205.00	5380
146.00	516	167.00	5041	188.95	816	206.05	22479
147.00	1289	168.00	2668	192.00	1141	207.00	2958
148.00	2669	174.00	921	193.00	1366	207.95	798

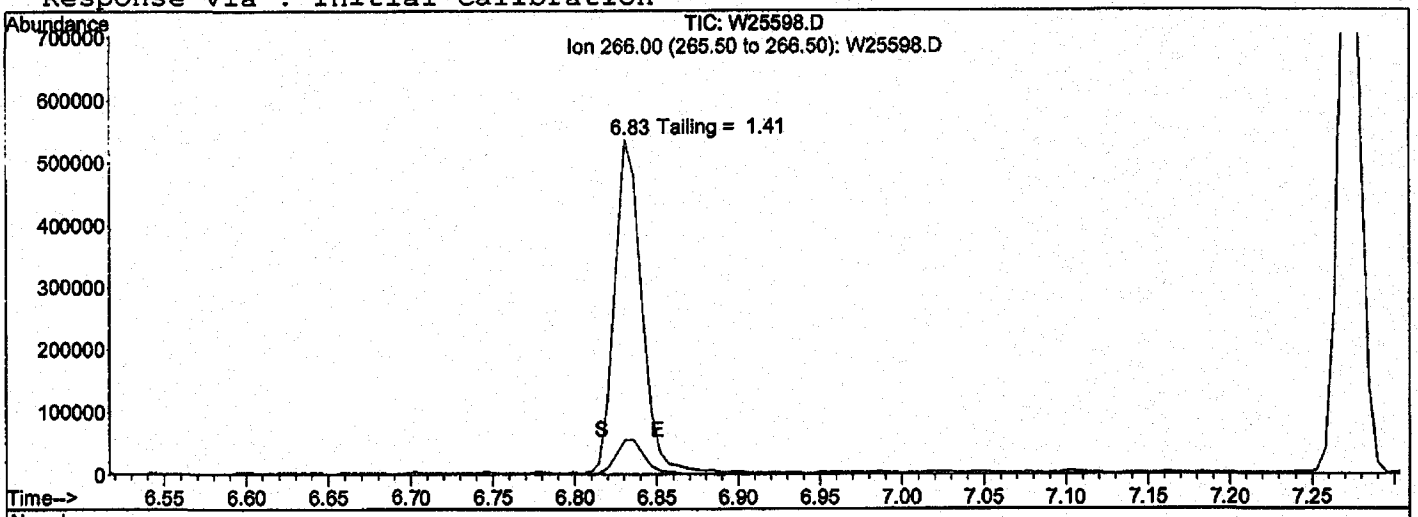
Average of 7.269 to 7.279 min.: W25598.D
DFTPP050
Modified:subtracted

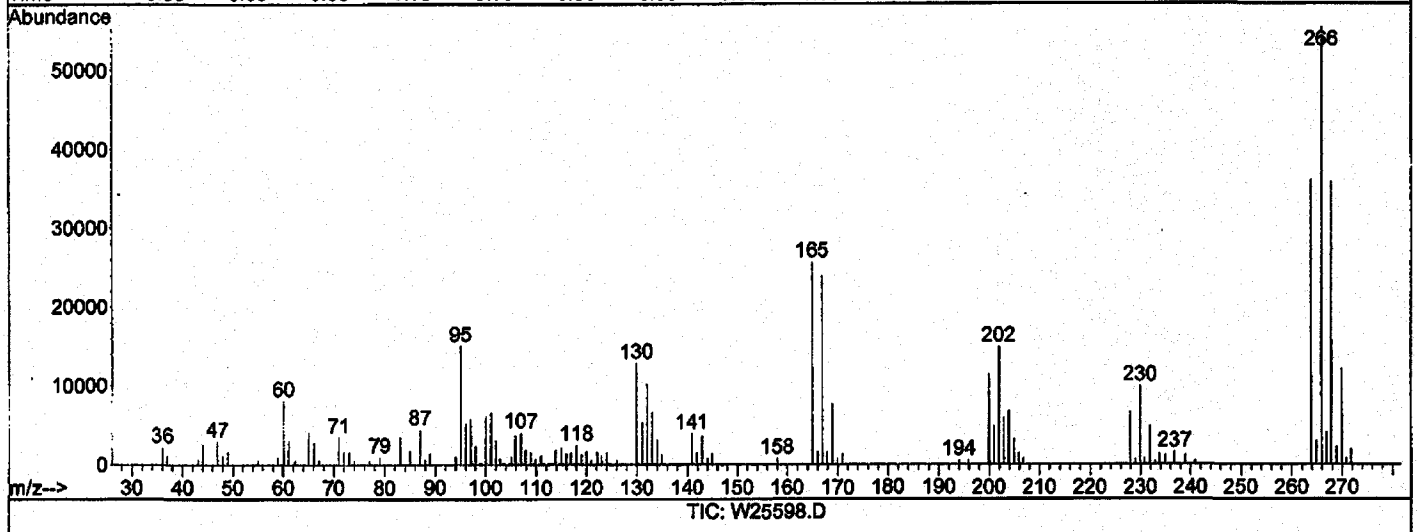
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
211.10	650	242.00	502	274.00	3595	364.95	2399
216.95	5614	243.05	808	275.00	23258	372.00	1194
218.05	810	244.00	9115	276.00	2784	422.95	3949
221.00	5533	245.05	1561	277.00	1653	423.95	891
221.65	977	246.00	2053	296.00	6324	441.05	11314
223.00	1255	255.00	48149	297.00	934	442.00	73133
224.05	12567	256.00	7601	303.00	725	443.00	14152
225.00	3079	257.00	530	314.95	757	444.00	1123
227.00	5402	257.95	2903	322.95	1769		
228.00	725	265.00	1164	334.00	1255		
228.95	1217	273.00	1616	351.95	735		

EasyID Report

Data File : C:\MSDChem\1\DATA\081108\W25598.D
Acq On : 11 Aug 2008 8:43
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 08 12:47:02 2008
Response via : Initial Calibration





TIC: W25598.D

(1) Pentachlorophenol

Exp R.T. 6.88min

response 0

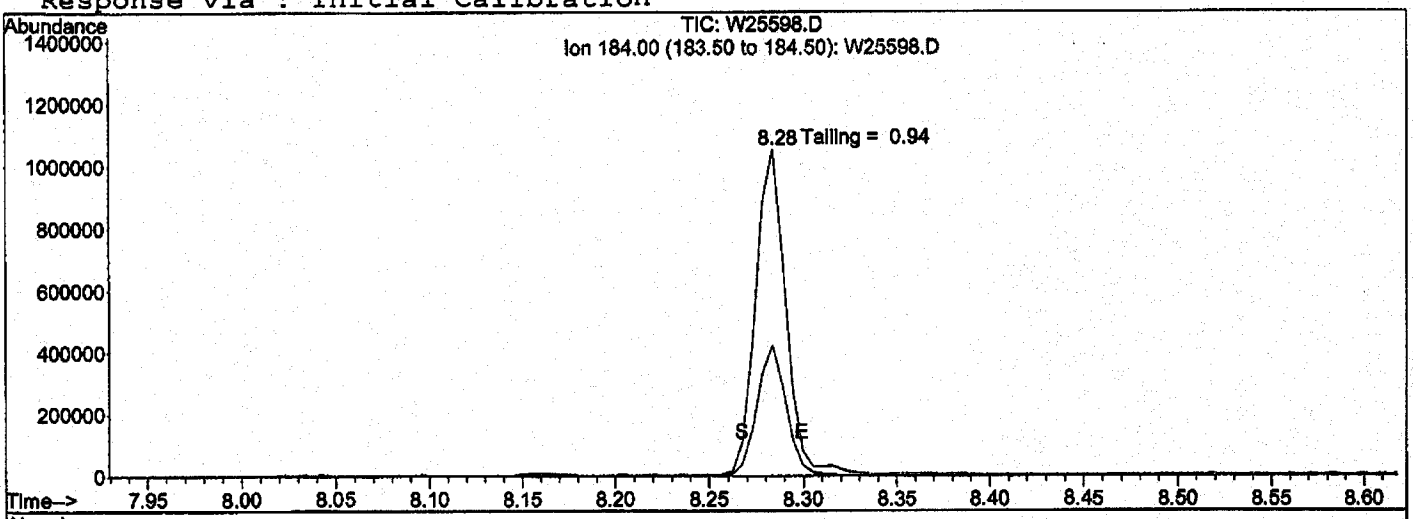
Signal	Exp%	Act%
TIC	100	100
266.00	181.70	10.32
0.00	0.00	0.00
0.00	0.00	0.00

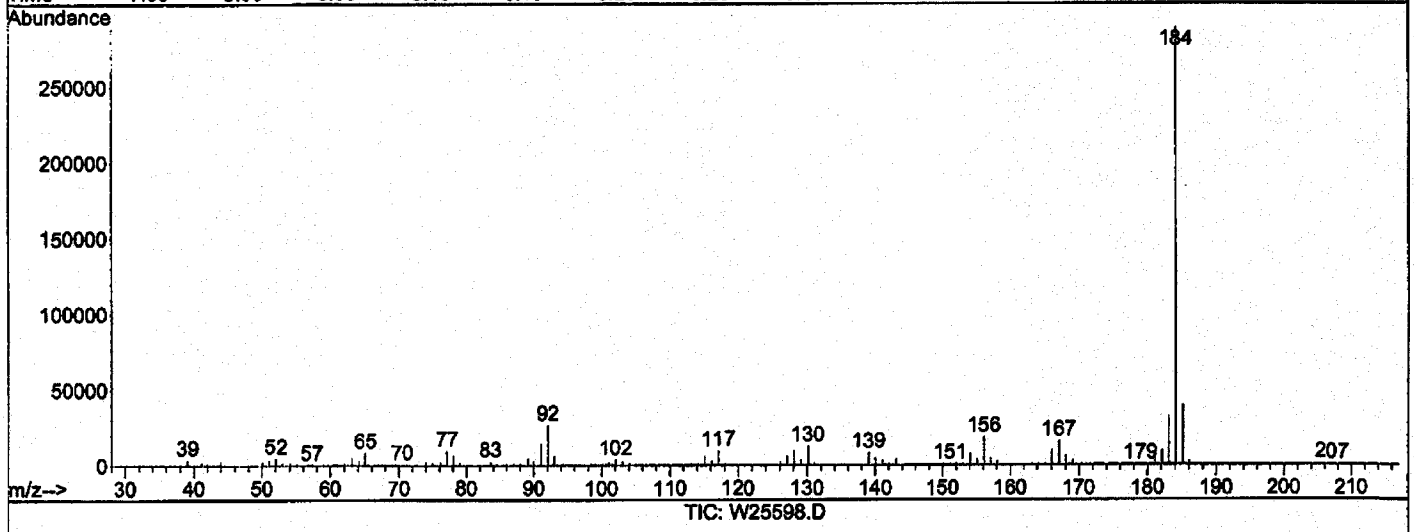
EasyID Report

Data File : C:\MSDChem\1\DATA\081108\W25598.D
Acq On : 11 Aug 2008 8:43
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 08 12:47:02 2008
Response via : Initial Calibration





(2) Benzidine

Exp R.T. 8.36min

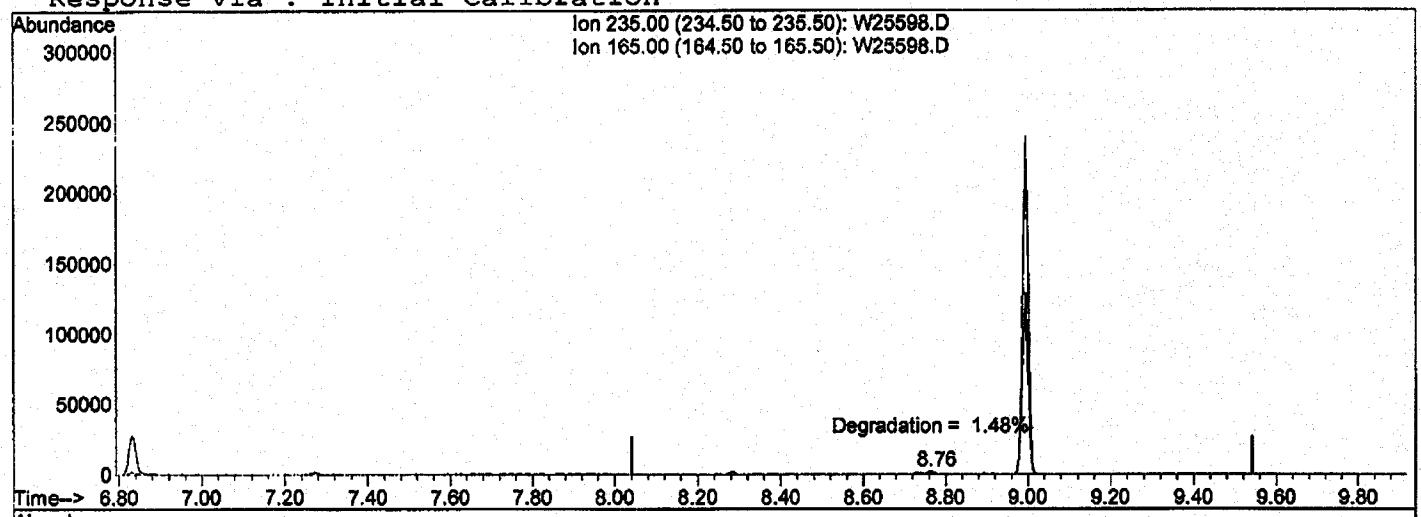
response 0

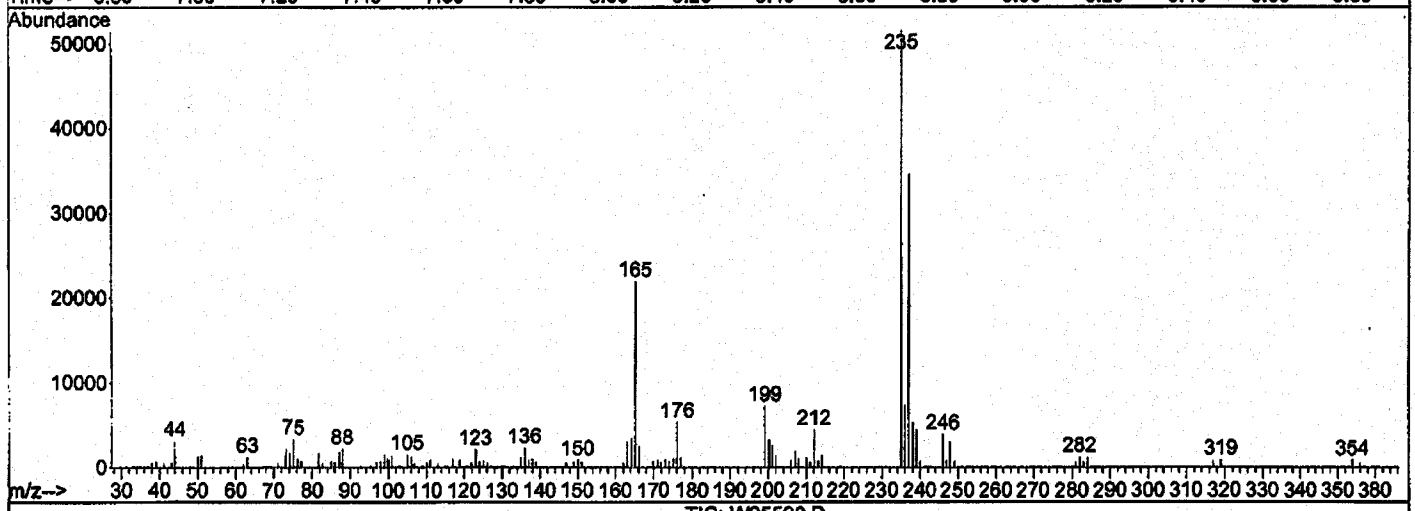
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	27.53
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : C:\MSDChem\1\DATA\081108\W25598.D Vial: 1
Acq On : 11 Aug 2008 8:43 Operator: JLG
Sample : DFTPP050 Inst : Instrumen
Misc : SC33-12J Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 08 12:47:02 2008
Response via : Initial Calibration





TIC: W25598.D

(3) 4-4DDT

Exp R.T. 8.79min

response 0

Ion	Exp%	Act%
235.00	100	100
165.00	41.00	42.66
0.00	0.00	0.00
0.00	0.00	0.00

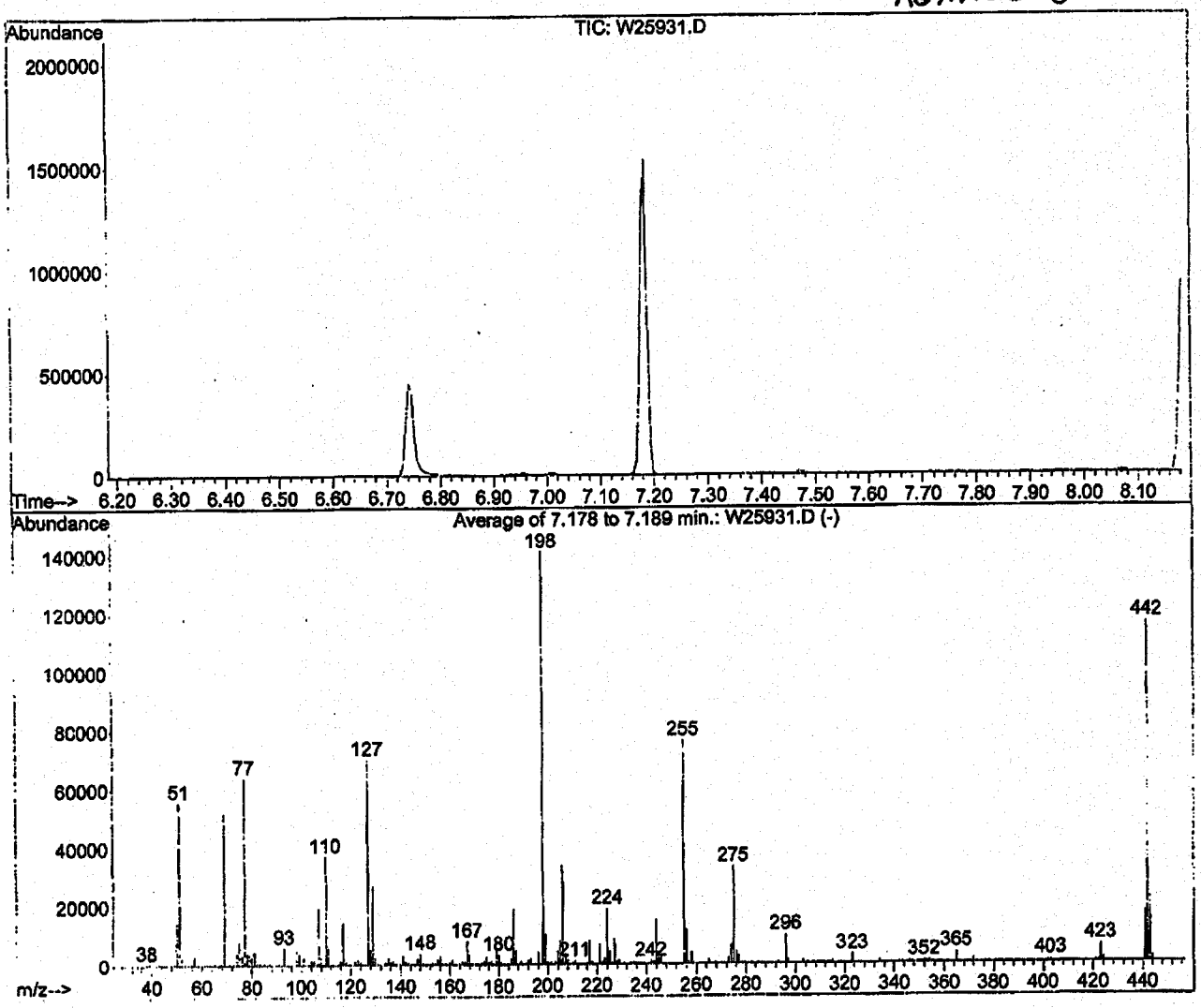
DFTPP Tune Evaluation

Data File : C:\MSDChem\1\DATA\082608\W25931.D
Acq On : 26 Aug 2008 10:31
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

ABT.. 2506



Peak Apex is scan: 843 (7.18 min)
Average of 3 scans: 842,843,844 minus background scan 823 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	39.4	55712	PASS
68	69	0	2	1.3	665	PASS
69	198	0	100	36.7	51818	PASS
70	69	0	2	0.4	202	PASS
127	198	40	60	49.6	70082	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	141280	PASS
199	198	5	9	7.2	10190	PASS
275	198	10	30	23.4	33090	PASS
365	198	1	100	2.6	3664	PASS
441	198	0	100	12.3	17329	PASS
442	198	40	110	82.3	116336	PASS
443	442	17	23	19.0	22099	PASS

W25931.D TUNEQ.M Tue Aug 26 10:43:57 2008

Average of 7.178 to 7.189 min.: W25931.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	4069	75.00	7958	90.90	809	110.00	37226
50.10	14191	76.05	3211	91.95	1000	111.00	5775
51.10	55712	77.10	63922	93.00	5899	116.05	1169
52.05	2871	78.10	4236	98.00	4970	117.00	14256
56.00	1479	79.00	3452	99.00	3930	118.05	1012
57.00	3765	80.00	2764	101.00	2542	122.05	1223
61.00	711	81.00	4523	103.00	809	123.00	1962
63.05	2303	82.00	1129	104.00	1548	124.05	913
65.05	1100	83.05	1010	105.00	1529	125.00	903
69.00	51818	85.10	710	107.00	19402	127.00	70082
74.00	5037	86.00	998	108.00	2967	128.00	5190

Average of 7.178 to 7.189 min.: W25931.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.00	26884	153.95	726	176.05	878	196.00	4265
130.00	2225	155.00	1994	177.00	1201	198.00	141280
135.00	2399	156.05	2727	179.00	4720	199.00	10190
136.00	989	159.95	840	180.00	3428	200.00	789
137.00	1236	161.00	1542	181.00	1357	201.35	795
141.00	3139	165.00	1151	185.00	2290	202.95	1076
142.00	1175	166.05	1183	186.00	18980	204.00	4645
147.00	2029	167.00	7917	187.00	5127	205.00	8021
148.00	3765	168.00	3400	188.95	1176	206.00	33760
149.05	880	174.00	1433	192.00	1468	207.05	4162
152.95	946	175.00	2677	193.05	1870	208.00	1500

Average of 7.178 to 7.189 min.: W25931.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
211.00	1277	235.00	878	265.00	1501	333.90	1186
217.00	7831	237.00	712	273.00	2021	334.10	722
218.00	1093	241.95	1059	274.00	6204	352.00	776
221.00	7027	243.00	1032	275.00	33090	352.90	760
222.00	744	244.00	15120	276.00	4280	353.95	946
223.00	2234	245.00	2003	276.95	2841	364.90	3664
224.00	18873	245.95	2718	296.00	9658	371.95	1702
225.00	4445	255.00	76402	296.95	1275	401.95	734
227.00	8610	256.00	11675	303.00	1068	402.90	999
227.95	1138	257.00	776	314.95	820	420.95	828
229.00	1478	257.95	4260	323.00	3098	423.00	6018

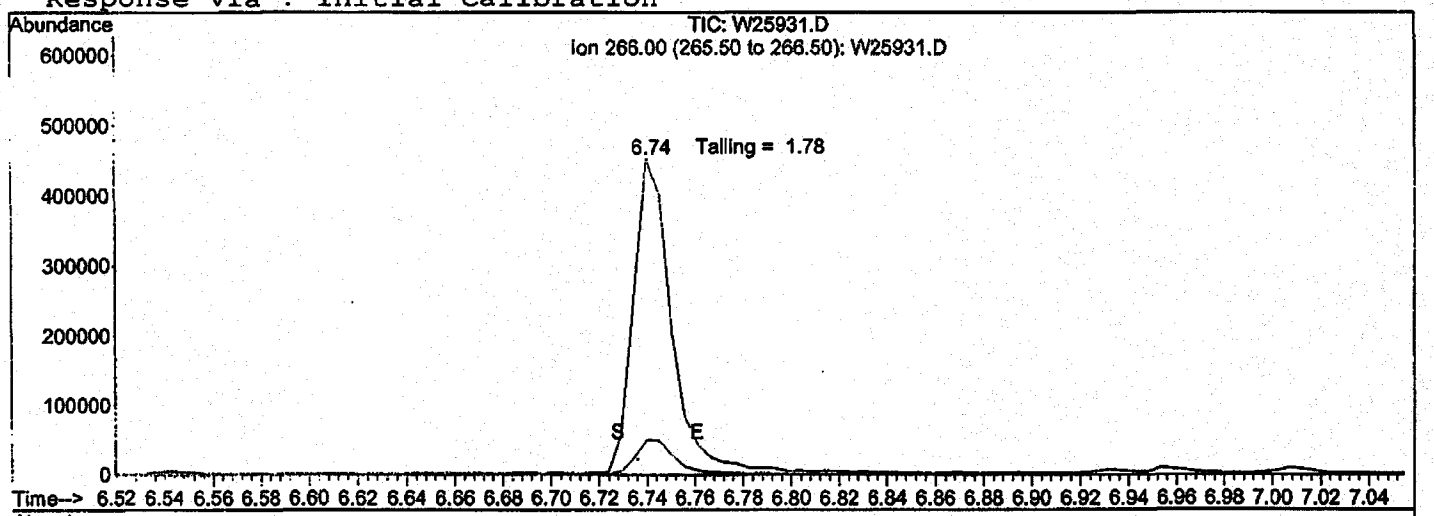
Average of 7.178 to 7.189 min.: W25931.D
DFTPP050
Modified:subtracted

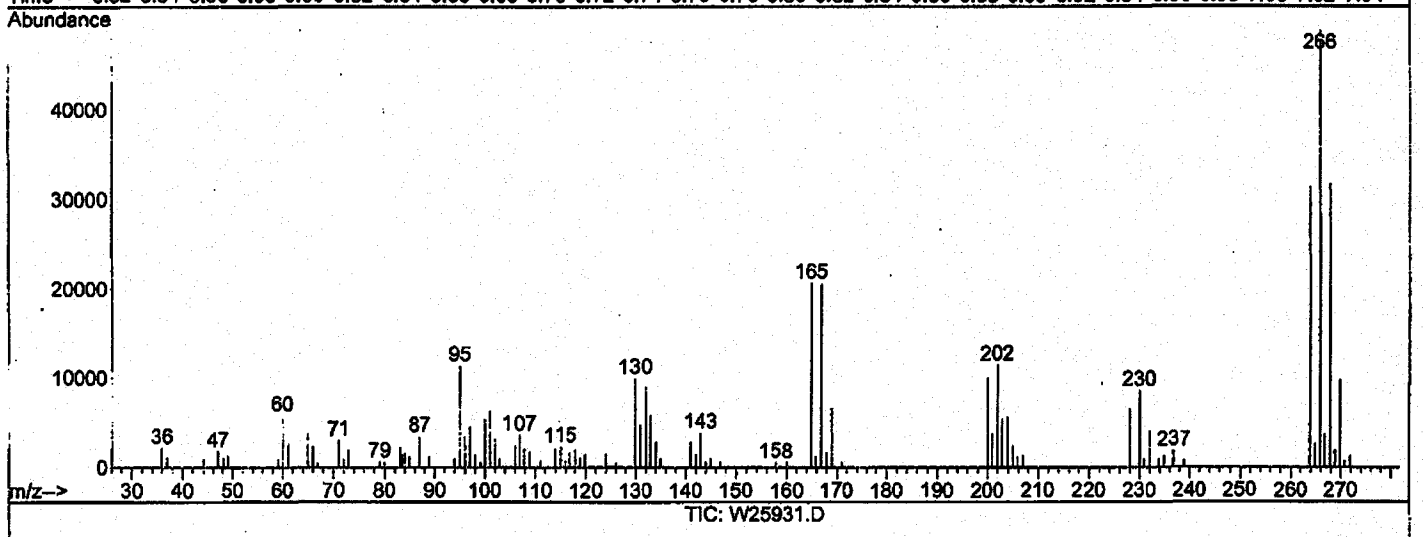
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
424.00	1484						
441.00	17329						
442.00	116336						
443.00	22099						
444.00	2028						

EasyID Report

Data File : C:\MSDChem\1\DATA\082608\W25931.D Vial: 1
Acq On : 26 Aug 2008 10:31 Operator: JLG
Sample : DFTPP050 Inst : Instrumen
Misc : SC33-12J Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 25 09:52:07 2008
Response via : Initial Calibration





TIC: W25931.D

(1) Pentachlorophenol

Exp R.T. 6.88min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	181.70	561.44
0.00	0.00	0.00
0.00	0.00	0.00

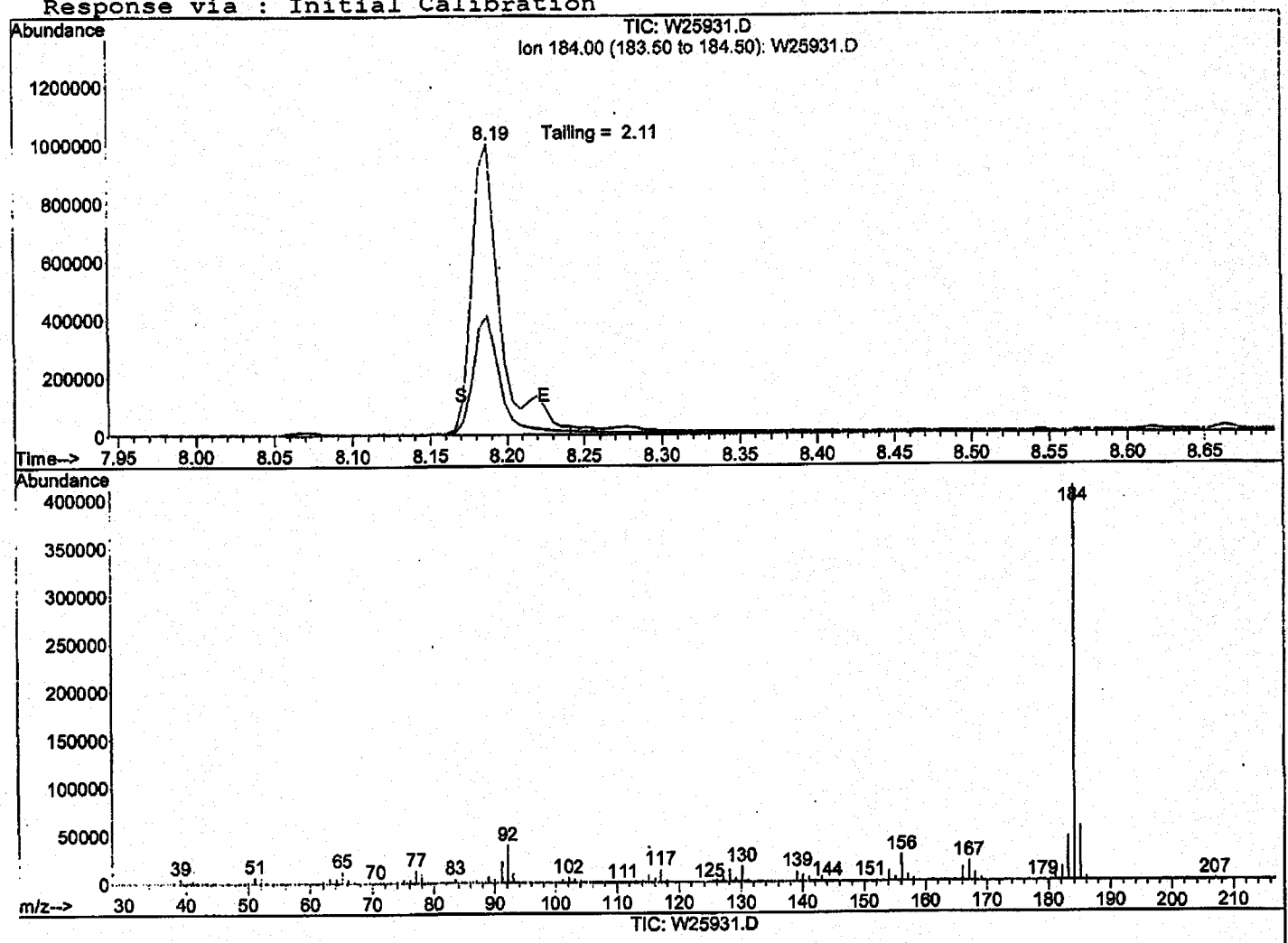
EasyID Report

Data File : C:\MSDChem\1\DATA\082608\W25931.D
Acq On : 26 Aug 2008 10:31
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 25 09:52:07 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.28min

response 0

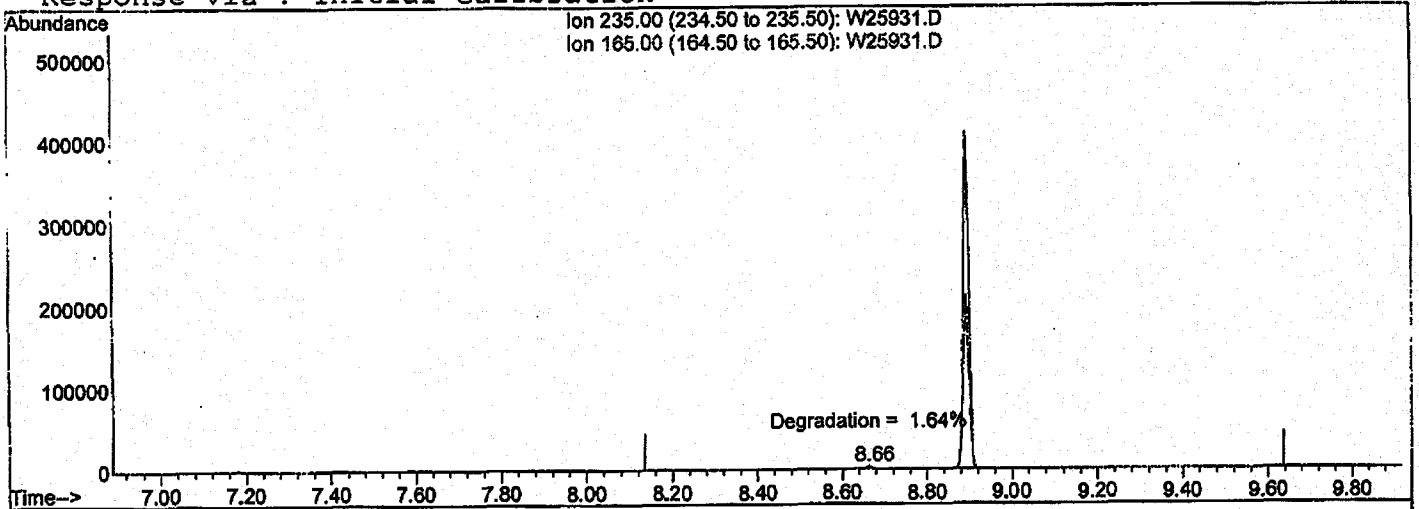
Signal	Exp%	Act%
TIC	100	100
184.00	40.00	41.59
0.00	0.00	0.00
0.00	0.00	0.00

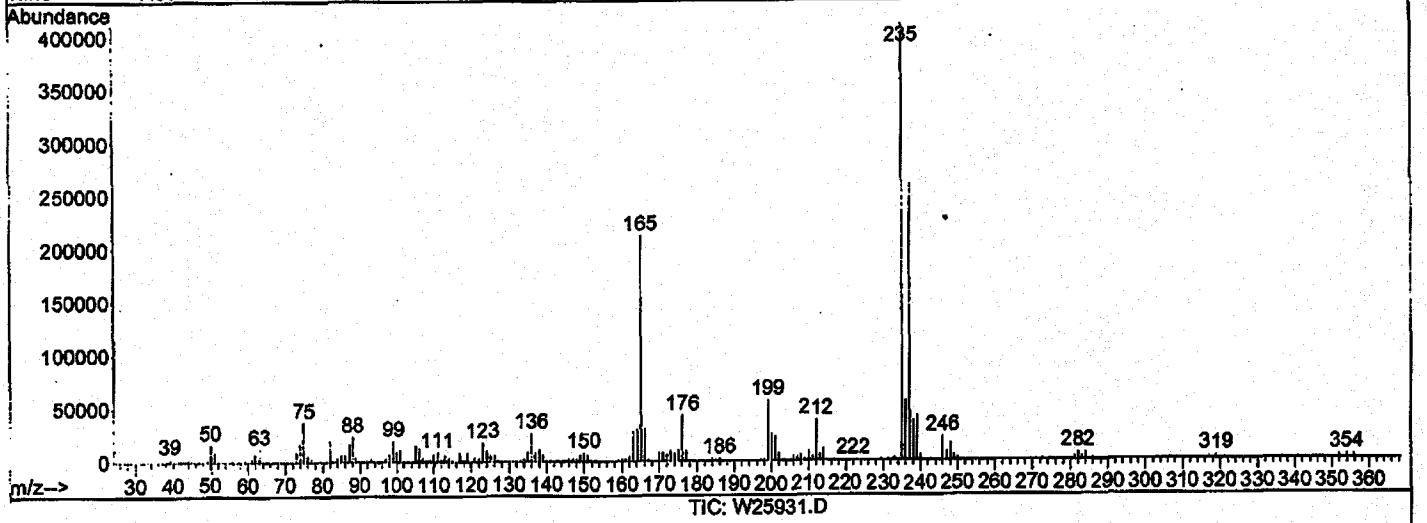
EasyID Report

Data File : C:\MSDChem\1\DATA\082608\W25931.D
Acq On : 26 Aug 2008 10:31
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Aug 25 09:52:07 2008
Response via : Initial Calibration





TIC: W25931.D

(3) 4-4DDT

Exp R.T. 8.89min

response 0

Ion	Exp%	Act%
235.00	100	100
165.00	52.70	51.78
0.00	0.00	0.00
0.00	0.00	0.00

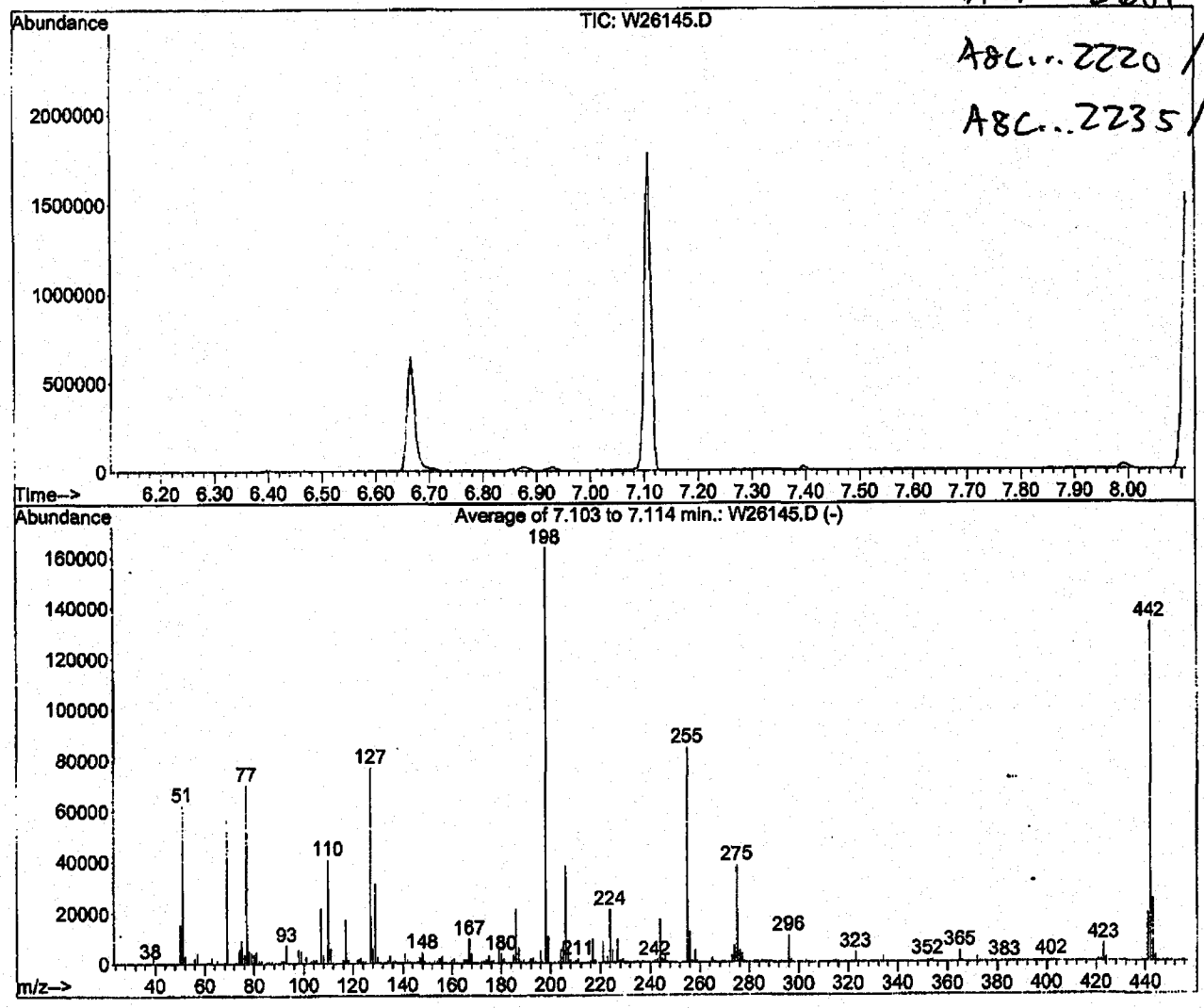
DFTPP Tune Evaluation

Data File : C:\MSDChem\1\DATA\090508\W26145.D
Acq On : 5 Sep 2008 10:35
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

A8T...2601
A8C...2220 /8270
A8C...2235 /TCLP



Peak Apex is scan: 829 (7.11 min)
Average of 3 scans: 828,829,830 minus background scan 809 (7.00 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	37.9	62154	PASS
68	69	0	2	1.1	648	PASS
69	198	0	100	34.5	56589	PASS
70	69	0	2	0.3	174	PASS
127	198	40	60	47.0	77101	PASS
197	198	0	1	0.4	616	PASS
198	198	100	100	100.0	163882	PASS
199	198	5	9	6.6	10865	PASS
275	198	10	30	23.4	38314	PASS
365	198	1	100	2.8	4547	PASS
441	198	0	100	11.8	19345	PASS
442	198	40	110	81.6	133672	PASS
443	442	17	23	18.6	24841	PASS

W26145.D TUNEQ.M Fri Sep 05 10:50:21 2008

Average of 7.103 to 7.114 min.: W26145.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	4383	76.10	3732	93.00	7076	116.00	1356
50.10	15407	77.10	70213	98.00	5509	117.00	17099
51.10	62154	78.05	5011	99.00	4649	118.00	1326
52.05	3101	79.00	4181	101.00	2618	122.00	1470
56.00	1901	80.00	3427	103.00	931	123.00	2144
57.05	4198	81.00	4523	104.00	1520	124.00	967
63.00	2189	82.05	1292	105.00	1497	124.95	878
65.05	1255	82.95	1161	107.00	21910	127.00	77101
69.00	56589	86.05	952	108.00	3319	128.00	5983
74.05	5633	91.00	1184	110.00	40853	129.00	31197
75.00	9367	92.00	1249	111.00	6062	130.00	2610

Average of 7.103 to 7.114 min.: W26145.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
134.00	1078	155.00	2023	175.05	3021	193.00	2192
135.00	2822	156.00	2903	176.05	1022	196.00	4886
137.00	1169	160.00	1171	176.95	1124	198.00	163882
141.00	3861	161.00	1863	179.00	5421	199.00	10865
142.00	1225	165.00	1625	180.00	3711	204.00	5542
145.95	857	166.00	1586	181.00	1688	205.00	8611
147.00	2468	167.00	9742	185.00	2991	206.05	38304
148.00	4323	168.00	3907	186.05	21308	207.05	5579
149.00	917	171.95	846	187.05	6160	208.00	1350
153.00	1193	173.00	927	189.00	1263	210.10	819
154.00	1027	174.05	1576	192.00	1757	211.00	1564

Average of 7.103 to 7.114 min.: W26145.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
216.00	845	242.00	1047	273.00	2747	351.95	1065
217.00	9712	243.00	1448	274.00	6773	353.00	849
218.00	1248	244.00	17383	275.00	38314	354.00	971
221.00	8603	245.00	1982	276.00	4791	364.95	4547
223.00	2671	246.00	3373	277.00	3570	372.00	1773
224.00	21078	255.00	84666	296.00	10741	420.95	953
225.00	5363	256.00	12454	296.95	1528	421.95	910
227.00	9437	257.00	953	303.00	1110	423.00	7055
228.00	1375	258.00	4853	314.95	1040	424.00	1476
229.00	1761	258.90	826	323.00	3885	441.00	19345
237.00	840	265.00	1783	334.05	2221	442.00	133672

Average of 7.103 to 7.114 min.: W26145.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
443.00	24841						
443.95	2496						

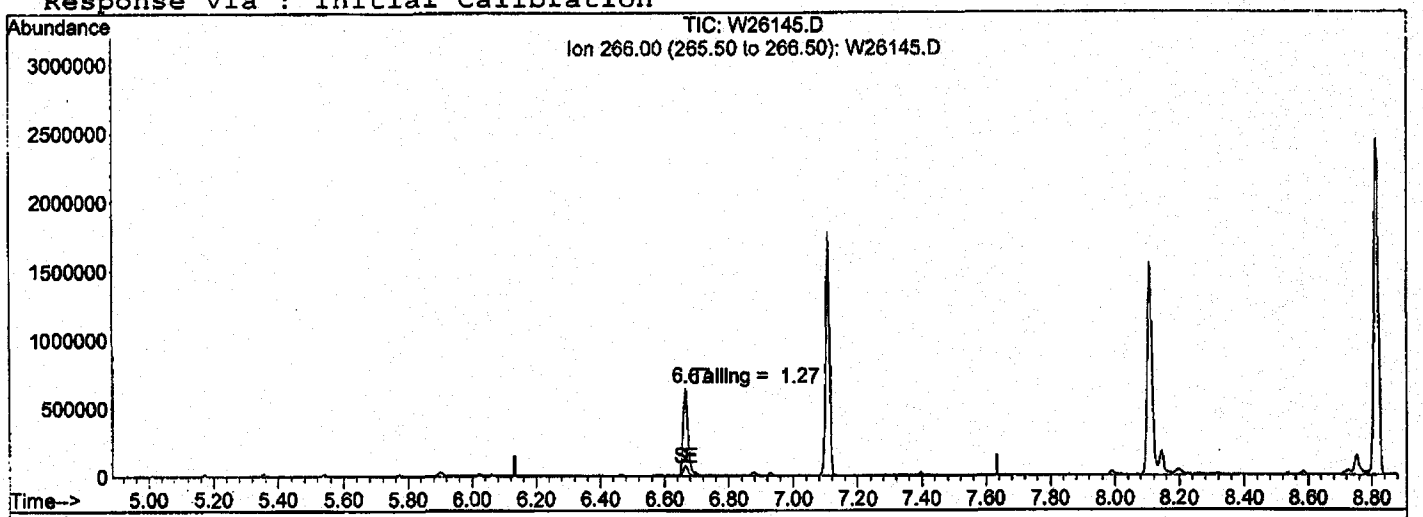
EasyID Report

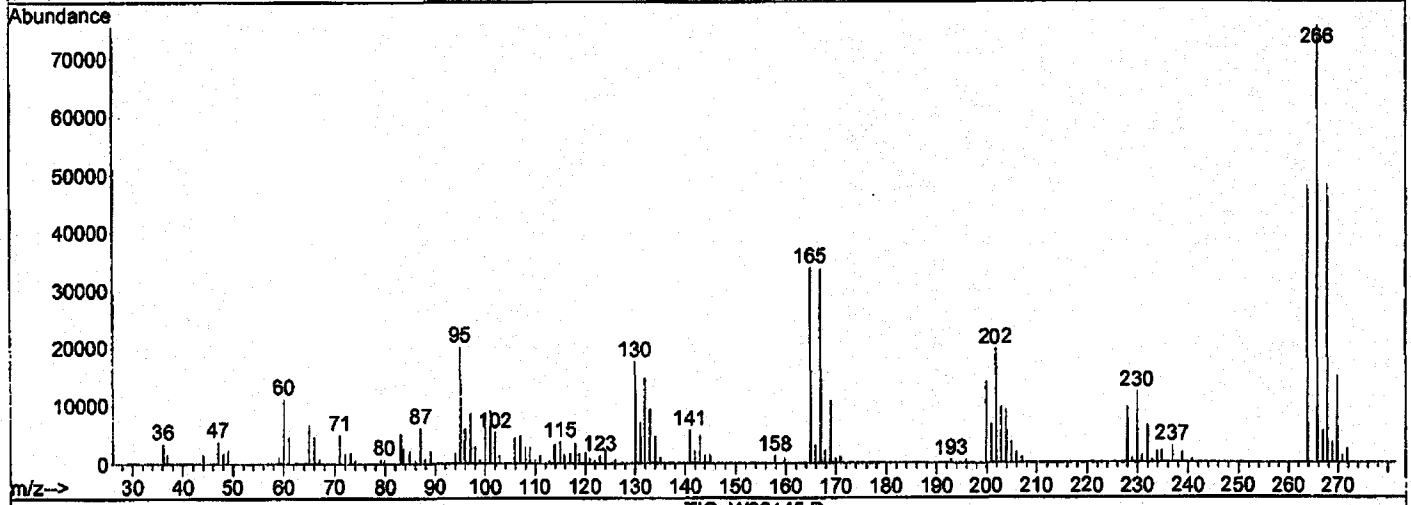
Data File : C:\MSDChem\1\DATA\090508\W26145.D
Acq On : 5 Sep 2008 10:35
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 10:40:45 2008
Response via : Initial Calibration





TIC: W26145.D

(1) Pentachlorophenol

Exp R.T. 6.88min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	181.70	352.53
0.00	0.00	0.00
0.00	0.00	0.00

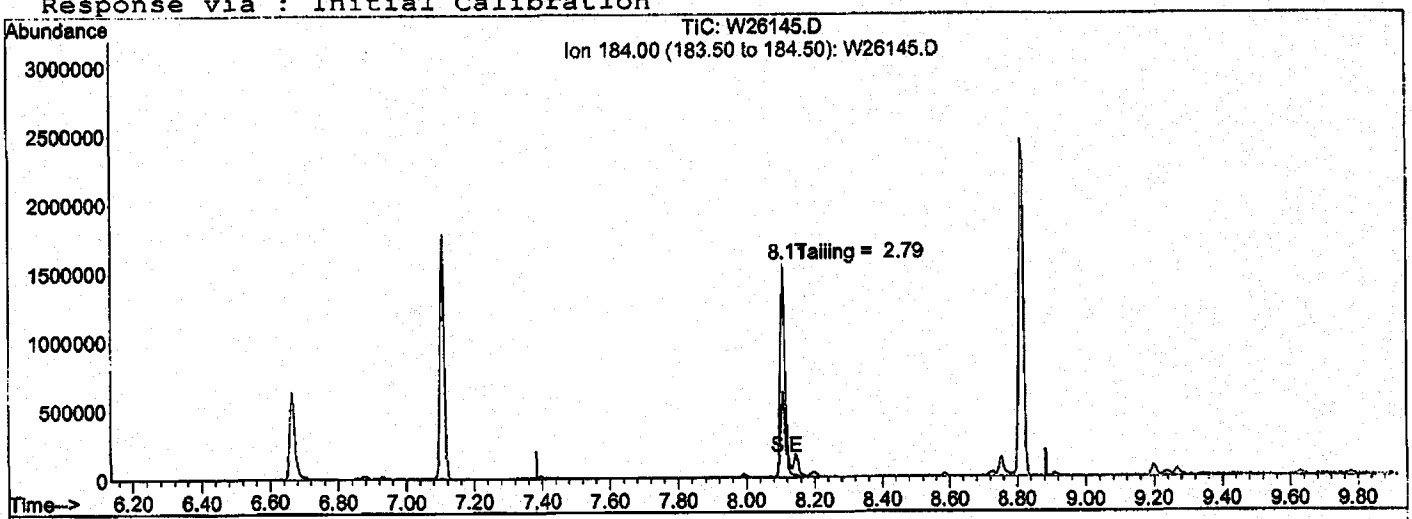
EasyID Report

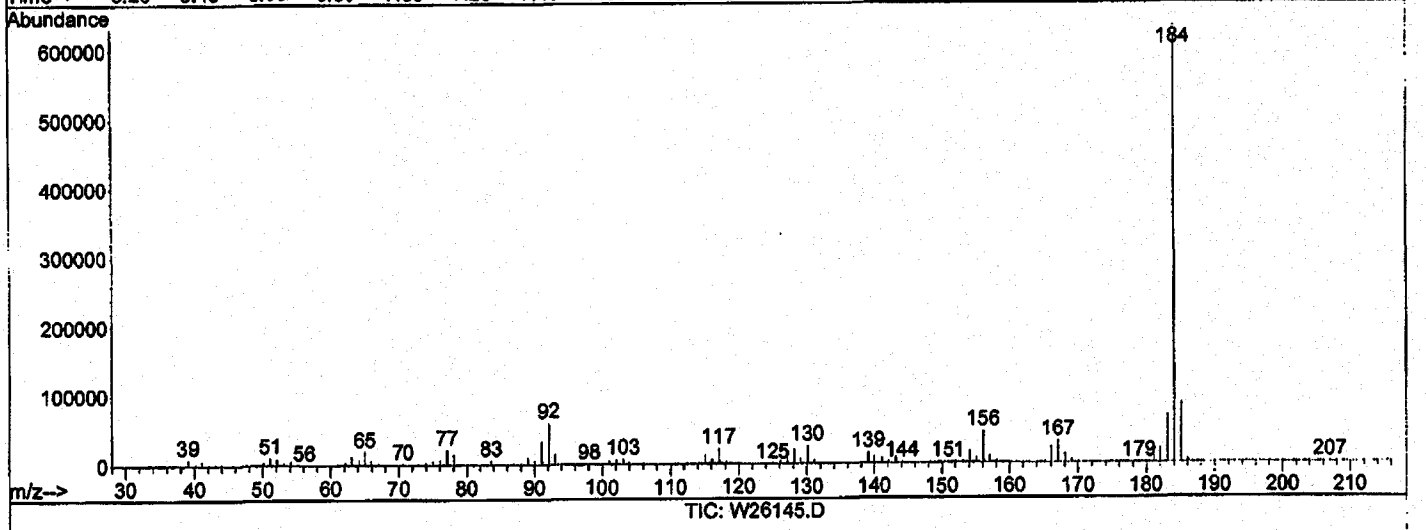
Data File : C:\MSDChem\1\DATA\090508\W26145.D
Acq On : 5 Sep 2008 10:35
Sample : DFTPP050
Misc : SC33-12J
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 10:40:45 2008
Response via : Initial Calibration





TIC: W26145.D

(2) Benzidine

Exp R.T. 8.13min

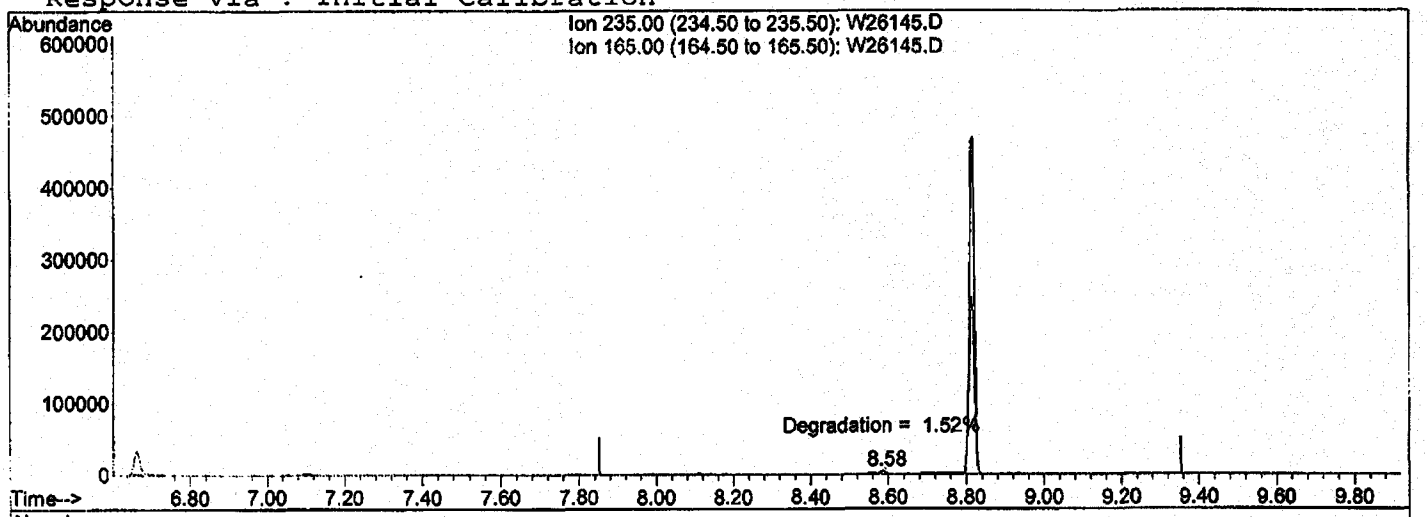
response 0

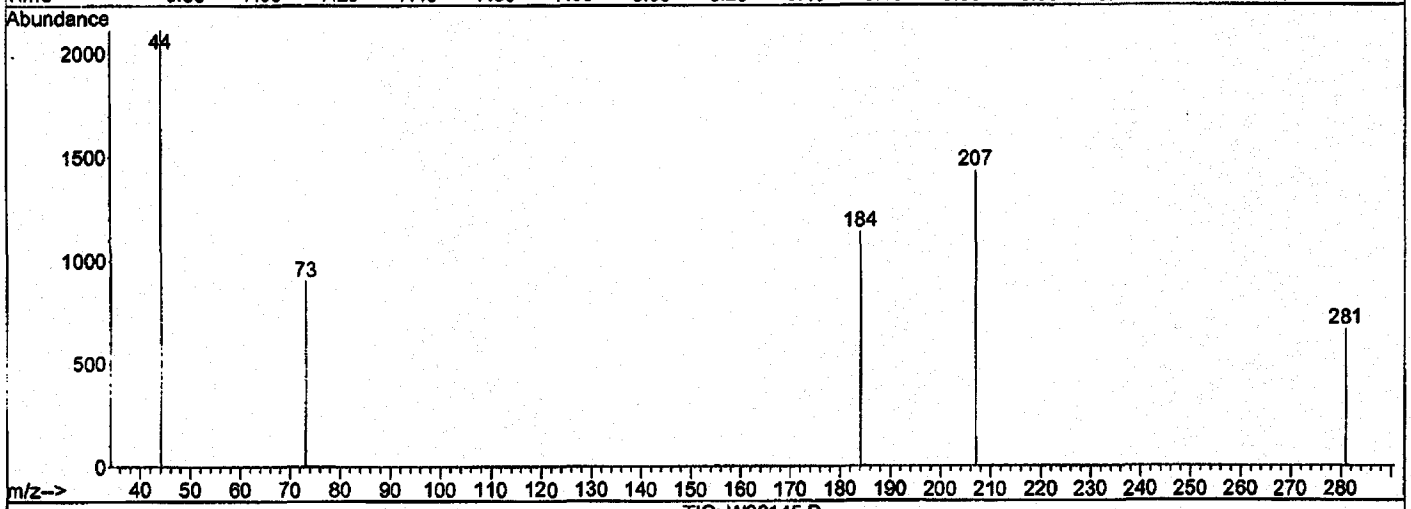
Signal	Exp%	Act%
TIC	100	100
184.00	1594.10	40.68
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : C:\MSDChem\1\DATA\090508\W26145.D Vial: 1
Acq On : 5 Sep 2008 10:35 Operator: JLG
Sample : DFTPP050 Inst : Instrumen
Misc : SC33-12J Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 03 10:40:45 2008
Response via : Initial Calibration





TIC: W26145.D

(3) 4-4DDT

Exp R.T. 8.60min

response 0

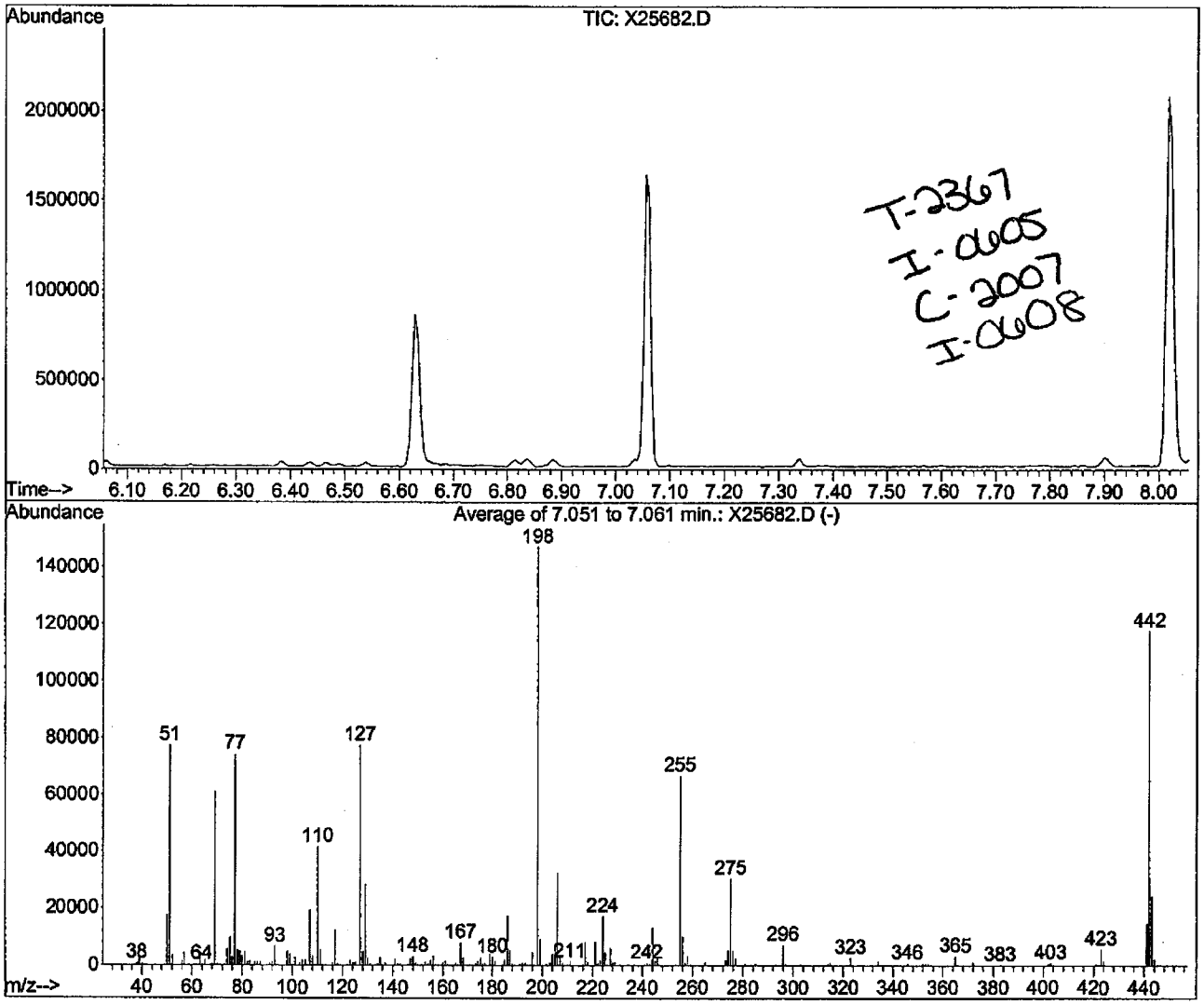
Ion	Exp%	Act%
235.00	100	0
165.00	62.20	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\081308\X25682.D
Acq On : 13 Aug 2008 12:42
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: rteint.p

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 744 (7.06 min)
Average of 3 scans: 743,744,745 minus background scan 724 (6.95 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	52.6	77477	PASS
68	69	0	2	1.1	676	PASS
69	198	0	100	41.4	61074	PASS
70	69	0	2	1.1	658	PASS
127	198	40	60	52.5	77440	PASS
197	198	0	1	0.4	519	PASS
198	198	100	100	100.0	147413	PASS
199	198	5	9	6.3	9277	PASS
275	198	10	30	20.7	30491	PASS
365	198	1	100	2.3	3320	PASS
441	198	0	100	10.0	14788	PASS
442	198	39	110	79.9	117773	PASS
443	442	17	23	20.7	24397	PASS

X25682.D TUNEQ.M Wed Aug 13 12:57:00 2008

Average of 7.051 to 7.061 min.: X25682.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.90	817	75.05	9827	87.00	1325	108.00	3284
39.00	5303	76.00	3106	90.90	1001	110.00	41520
50.05	17704	77.05	74336	92.00	1432	111.05	5664
51.10	77477	78.05	5555	93.00	6619	115.95	1011
52.05	3828	79.05	4957	98.00	5042	117.00	12157
56.00	1528	80.00	3457	99.00	4082	118.00	819
57.00	4390	81.00	4820	101.00	2858	123.05	1852
63.05	2726	81.95	1274	102.95	975	124.05	1049
65.10	1834	82.95	1592	103.95	1872	125.05	1138
69.00	61074	85.00	1300	105.05	1896	127.00	77440
74.00	5900	86.05	1307	106.95	19477	128.10	4895

Average of 7.051 to 7.061 min.: X25682.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.00	28312	155.00	1777	179.05	3985	199.00	9277
129.95	2591	156.05	3430	180.00	3081	201.55	742
135.00	3015	159.90	1008	180.95	1630	202.95	873
136.95	950	160.95	1501	184.95	2114	204.00	4105
141.00	2364	165.05	1173	186.00	17190	205.00	7560
142.05	739	167.05	7974	187.00	5202	206.00	32362
142.95	799	168.05	2776	187.95	750	207.05	3932
147.00	2446	173.10	849	192.00	1050	208.00	967
148.00	3222	173.95	1557	193.00	917	211.00	1442
149.05	913	175.05	2753	195.95	4753	217.00	8378
152.95	1205	176.90	1022	198.00	147413	218.00	1123

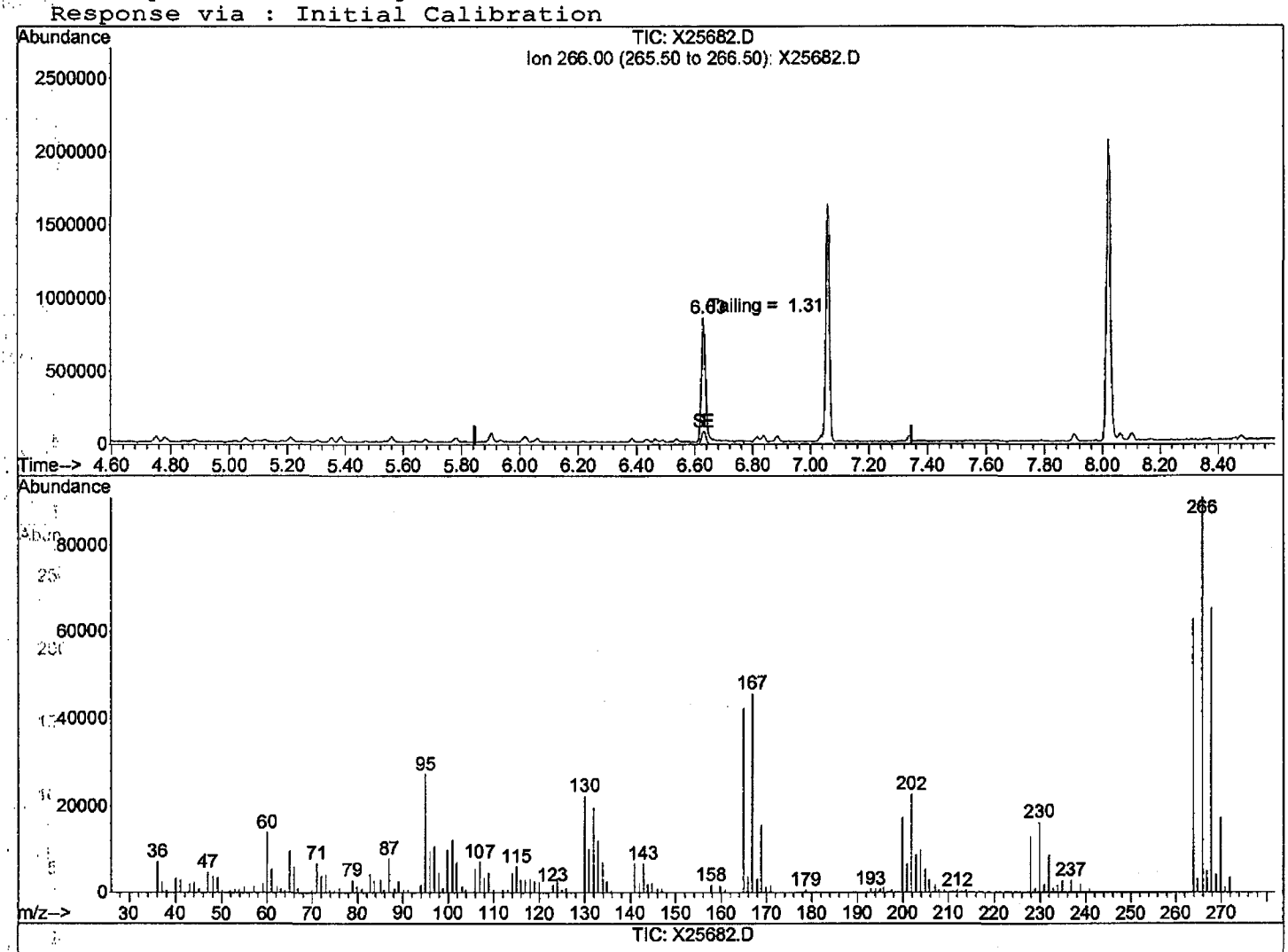
Average of 7.051 to 7.061 min.: X25682.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
220.95	8532	245.95	2407	296.00	7197	423.95	1441
222.05	1071	255.00	66840	296.95	746	441.00	14788
222.95	1865	255.95	10111	314.85	916	442.00	117773
224.05	17242	256.95	972	323.00	2726	443.00	24397
225.00	4730	257.95	3458	334.00	1431	444.00	2158
227.00	6206	265.00	1296	345.85	791		
227.95	981	272.95	2004	354.05	767		
229.00	1170	274.00	5288	364.95	3320		
241.90	953	275.00	30491	372.00	1253		
244.10	13287	276.00	5115	402.95	943		
245.05	1708	276.90	2333	423.00	5744		

EasyID Report

Data File : D:\DATA\081308\X25682.D Vial: 1
Acq On : 13 Aug 2008 12:42 Operator: AJ
Sample : DFTPP 50NG Inst : HP5973X
Misc : SC33-12K Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 08 09:41:56 2008
Response via : Initial Calibration



TIC: X25682.D

(1) Pentachlorophenol

Exp R.T. 6.60min

response 0

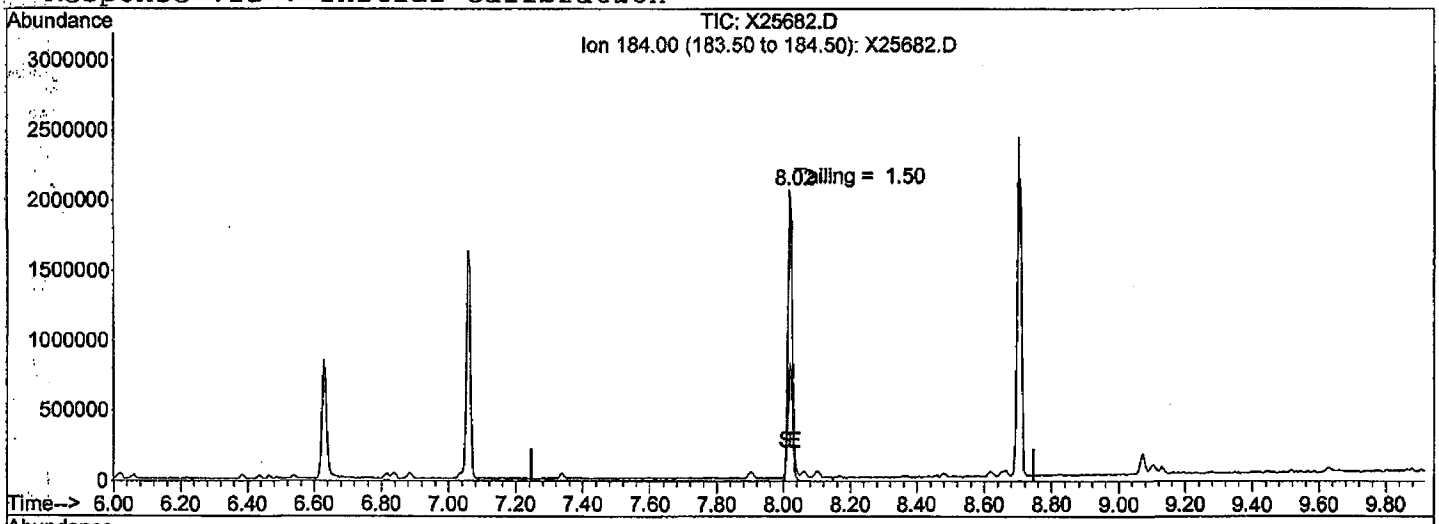
Signal	Exp%	Act%
TIC	100	100
266.00	1.80	10.69
0.00	0.00	0.00
0.00	0.00	0.00

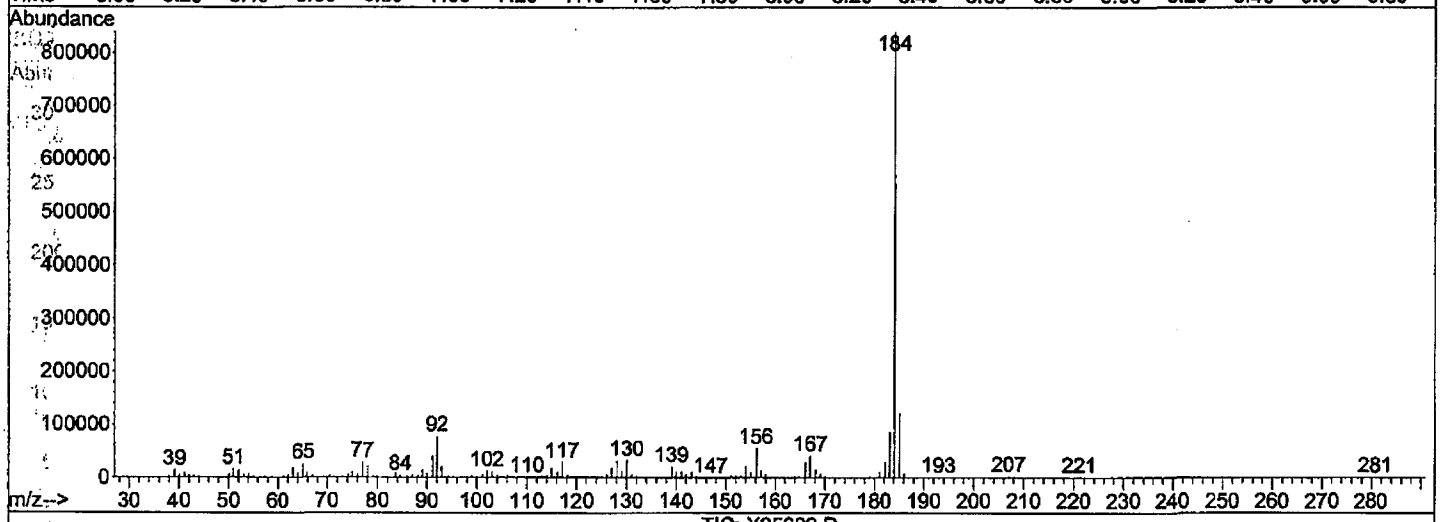
EasyID Report

Data File : D:\DATA\081308\X25682.D
Acq On : 13 Aug 2008 12:42
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 08 09:41:56 2008
Response via : Initial Calibration





TIC: X25682.D

(2) Benzidine

Exp R.T. 8.00min

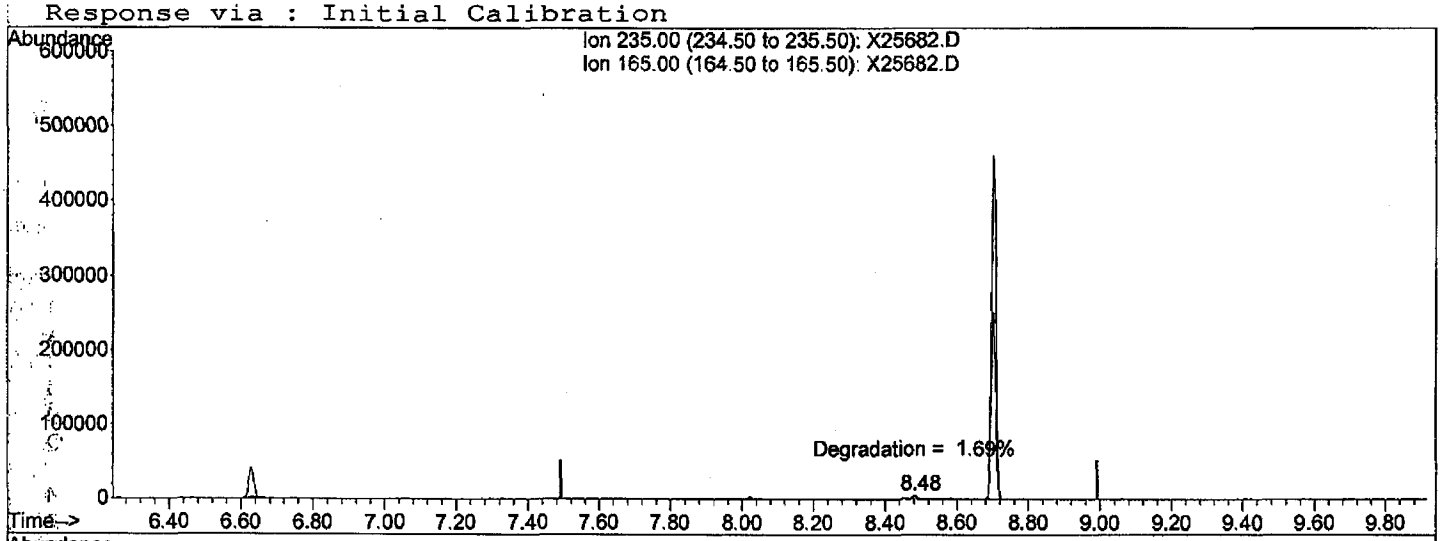
response 0

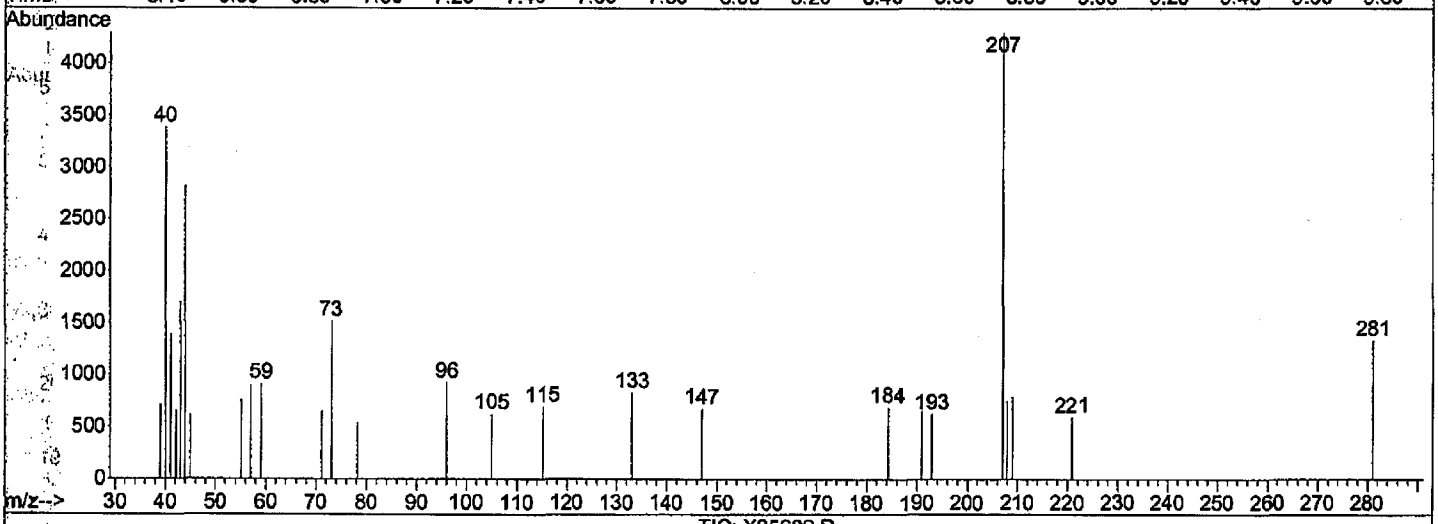
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	40.81
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\081308\X25682.D
Acq On : 13 Aug 2008 12:42
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 08 09:41:56 2008
Response via : Initial Calibration





TIC: X25682.D

(3) 4-4DDT

Exp R.T. 8.24min

response 0

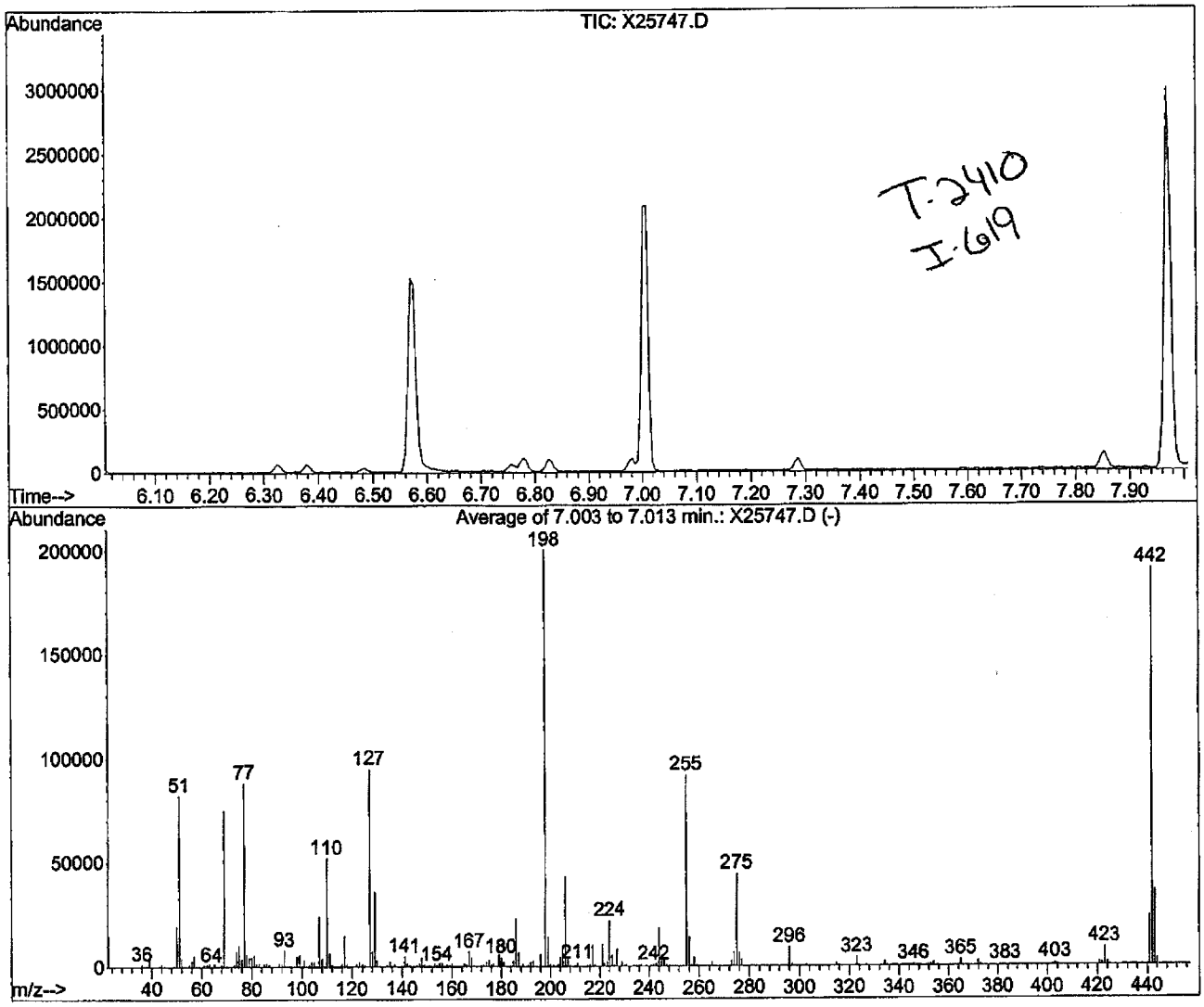
Ion	Exp%	Act%
235.00	100	0
165.00	38.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\081608\X25747.D
Acq On : 16 Aug 2008 8:15
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: rteint.p

Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 735 (7.01 min)
Average of 3 scans: 734,735,736 minus background scan 715 (6.90 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	41.1	82410	PASS
68	69	0	2	1.3	1009	PASS
69	198	0	100	37.4	75112	PASS
70	69	0	2	0.6	465	PASS
127	198	40	60	47.4	95021	PASS
197	198	0	1	0.2	317	PASS
198	198	100	100	100.0	200576	PASS
199	198	5	9	6.9	13887	PASS
275	198	10	30	22.1	44368	PASS
365	198	1	100	1.5	3070	PASS
441	198	0	100	11.9	23866	PASS
442	198	39	110	95.0	190592	PASS
443	442	17	23	18.8	35866	PASS

X25747.D TUNEQ.M Sat Aug 16 08:25:35 2008

Average of 7.003 to 7.013 min.: X25747.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	1060	67.95	1009	81.90	1500	102.95	1341
39.05	6730	69.00	75112	83.00	1695	103.85	2335
43.90	1066	73.05	1165	84.95	1564	105.00	2348
50.05	19444	74.00	7180	86.05	1706	107.00	24334
51.10	82410	75.05	10106	87.05	1097	107.95	3871
52.00	4364	76.00	3766	91.00	1773	110.00	52213
56.00	2923	77.10	88241	92.00	1422	111.05	6757
57.00	5402	78.05	5795	93.00	7799	112.05	1051
62.05	1026	78.95	4486	98.00	5070	116.00	1207
63.10	1690	80.00	4529	99.05	5650	117.00	14631
65.05	1743	81.05	5455	100.90	3192	117.90	1244

Average of 7.003 to 7.013 min.: X25747.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
121.90	1433	147.05	1489	167.00	7285	188.90	1229
122.95	2380	148.00	4310	168.05	4318	191.95	2206
124.00	1317	148.95	1178	174.05	2245	193.00	2657
127.00	95021	153.05	1496	175.00	3200	196.00	6011
128.00	7070	155.00	1887	176.90	1598	198.00	200576
129.00	36193	155.90	1688	178.95	5858	199.00	13887
129.95	3089	156.10	1833	180.00	4376	199.95	1218
135.00	2531	158.00	1060	181.00	2092	201.25	1030
136.95	1059	159.95	1268	185.00	3109	203.00	1068
141.00	4887	165.00	1600	186.00	22990	204.05	4578
142.00	1475	166.05	1245	187.05	6731	205.00	9763

Average of 7.003 to 7.013 min.: X25747.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.00	43165	243.00	1260	276.05	6299	420.85	1582
207.05	4799	244.00	18375	276.95	3358	421.90	1099
210.95	1541	245.05	2595	296.00	9035	423.00	8758
217.00	10049	245.95	3417	297.05	1182	424.05	1528
221.00	10610	255.00	91914	314.90	1493	440.95	23866
221.70	1377	256.00	14238	323.00	3978	442.00	190592
223.00	2148	258.00	4371	334.10	2155	443.00	35866
224.00	21986	265.00	1672	353.95	1643	443.95	3370
225.05	5654	272.90	2811	364.95	3070		
227.00	8262	274.00	6824	371.95	2511		
229.00	1971	275.00	44368	402.95	1308		

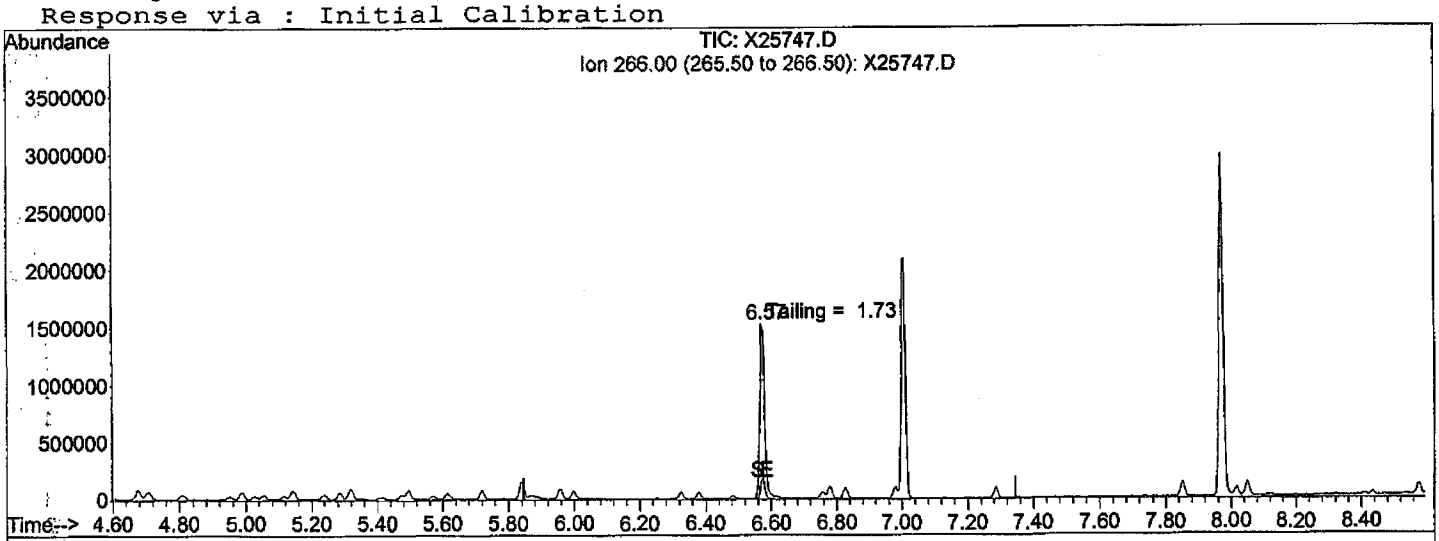
EasyID Report

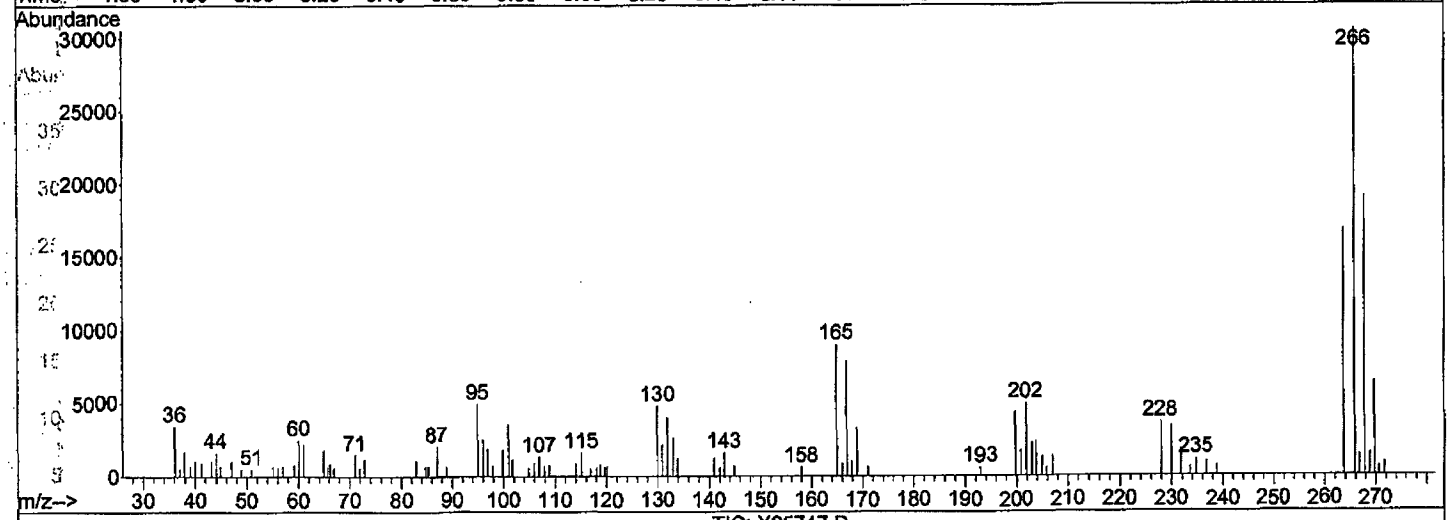
Data File : D:\DATA\081608\X25747.D
Acq On : 16 Aug 2008 8:15
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 15 15:19:44 2008
Response via : Initial Calibration





TIC: X25747.D

(1) Pentachlorophenol

Exp R.T. 6.60min

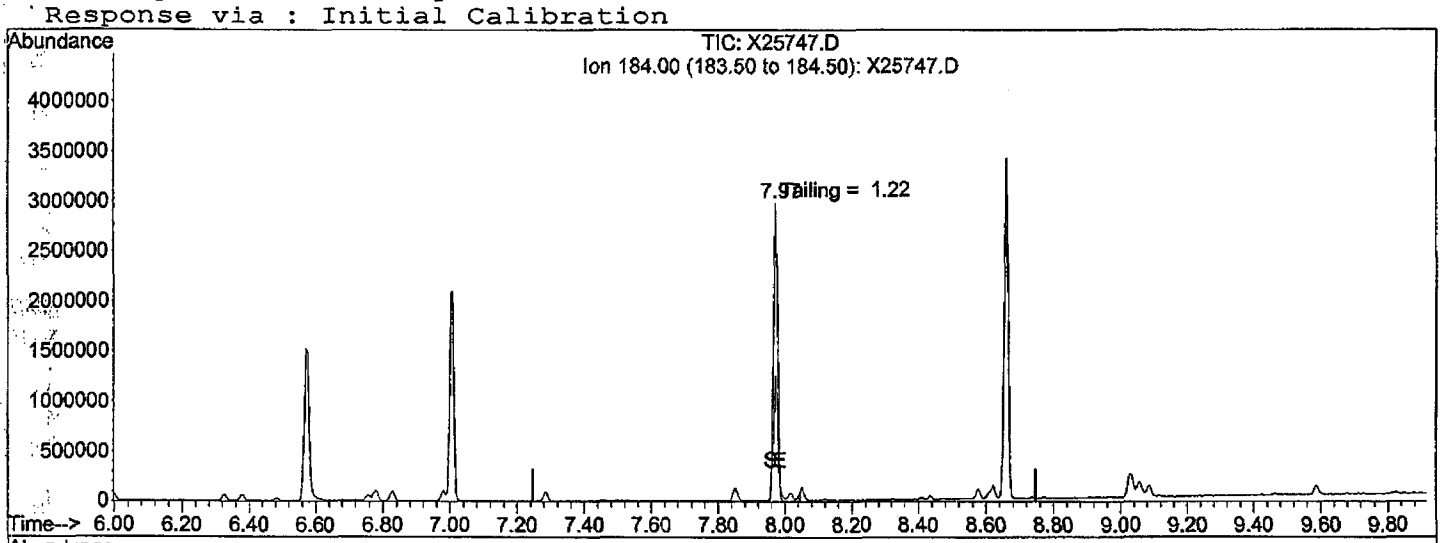
response 0

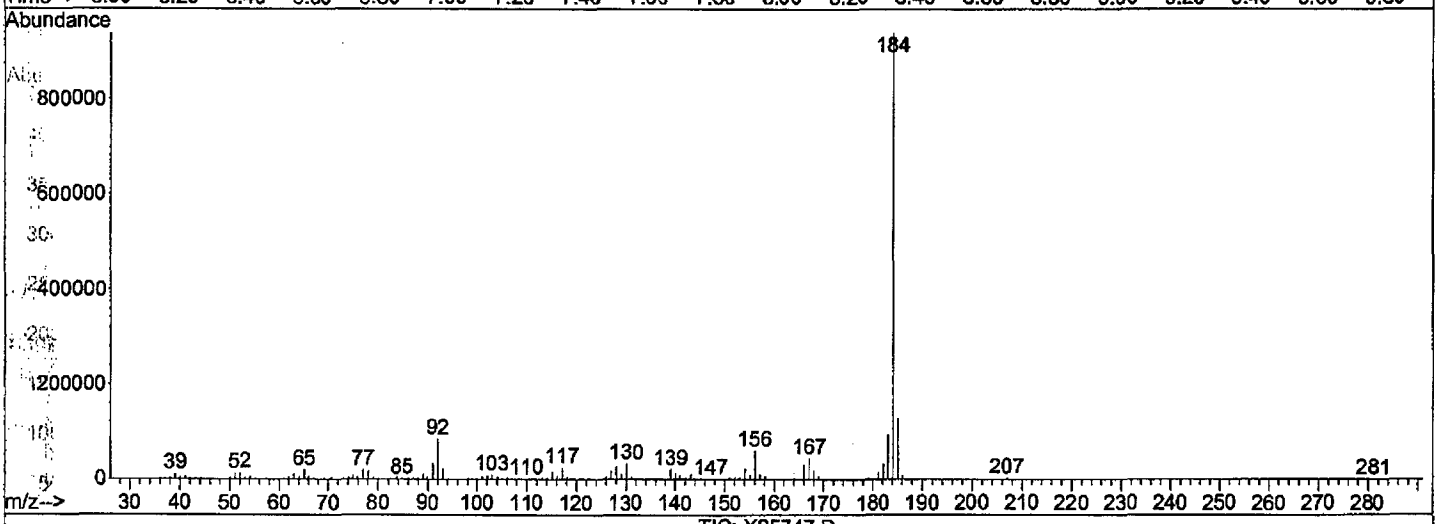
Signal	Exp%	Act%
TIC	100	100
266.00	1.80	2.01
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\081608\X25747.D
Acq On : 16 Aug 2008 8:15
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 15 15:19:44 2008
Response via : Initial Calibration





TIC: X25747.D

(2) Benzidine

Exp R.T. 8.00min

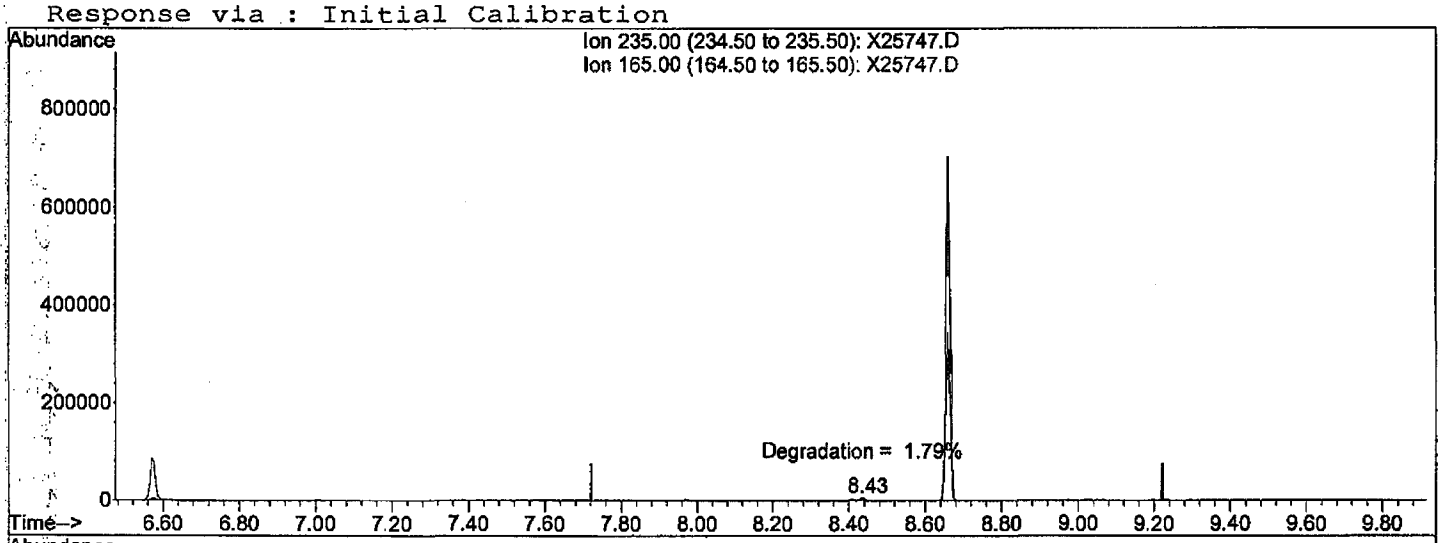
response 0

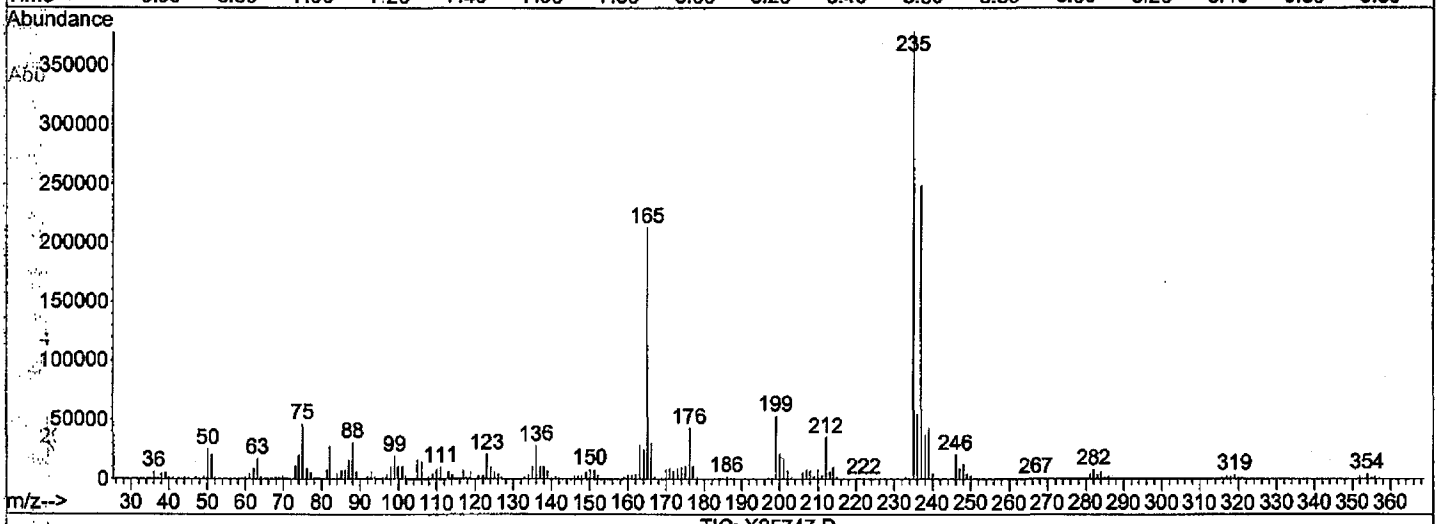
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	31.51
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\081608\X25747.D
Acq On : 16 Aug 2008 8:15
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Aug 15 15:19:44 2008
Response via : Initial Calibration





TIC: X25747.D

(3) 4-4DDT

Exp R.T. 8.47min

response 0

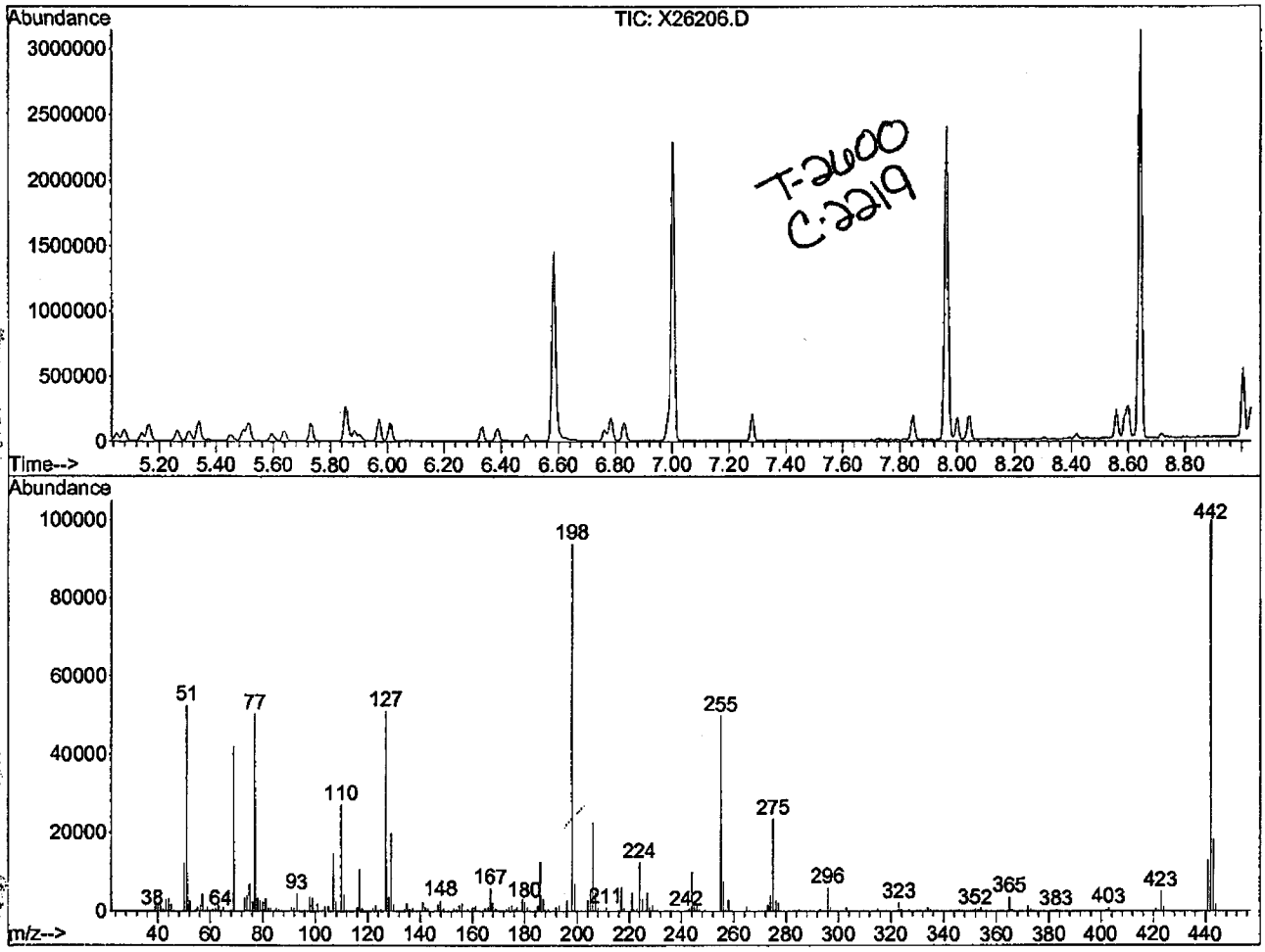
Ion	Exp%	Act%
235.00	100	100
165.00	59.60	56.35
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP

Data File : D:\DATA\090508\X26206.D
Acq On : 5 Sep 2008 10:25
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 21:20:48 2008
Response via : Initial Calibration



T-2600
C:2219

Spectrum Information: Average of 7.002 to 7.067 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	55.8	52514	PASS
68	69	0.00	2	1.1	464	PASS
69	198	0.00	100	44.5	41848	PASS
70	69	0.00	2	0.2	96	PASS
127	198	40	60	54.3	51112	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	94103	PASS
199	198	5	9	7.3	6829	PASS
275	198	10	30	24.9	23462	PASS
365	198	1	100	3.8	3545	PASS
441	198	0.01	100	13.9	13037	PASS
442	198	39	110	106.3	100000	PASS
443	442	17	23	18.3	18257	PASS

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	109	45.00	1852	58.00	423	70.10	96
37.10	152	45.30	109	59.00	1143	71.10	274
37.95	433	48.80	109	59.20	175	73.10	3340
38.20	104	50.05	12181	60.95	560	74.10	3824
39.10	5407	51.10	52514	62.05	674	75.00	6829
39.30	129	52.10	2628	63.10	2088	76.00	2488
40.00	2017	53.05	248	64.05	383	77.05	50375
41.05	2803	54.90	519	65.00	917	78.05	3431
42.05	608	55.05	1047	67.10	106	78.95	2689
43.00	3053	56.05	1533	68.00	464	80.00	2511
44.00	3104	57.00	4472	69.00	41848	81.05	3231

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.05	829	93.05	4559	102.80	403	113.00	160
83.05	849	94.00	393	103.00	408	116.00	1069
84.10	114	94.90	134	103.90	1335	116.95	10668
84.95	971	96.10	481	105.05	1363	118.00	768
86.00	702	96.90	114	105.75	291	119.90	150
87.00	324	98.00	3601	107.00	14649	121.00	101
87.20	109	99.00	3421	107.95	2387	122.00	692
87.80	129	99.20	104	108.80	226	123.10	1500
88.95	241	99.90	195	110.00	27134	123.90	507
90.95	1135	101.00	2068	111.00	4143	125.00	568
91.95	932	101.20	137	112.10	375	127.00	51112

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.20	157	135.95	694	145.90	296	155.00	1389
128.00	3682	137.15	732	146.10	114	156.05	1944
129.00	19983	138.10	117	147.00	1708	157.05	284
130.00	1693	138.90	139	147.95	2792	158.10	606
130.90	132	139.20	134	149.05	669	158.90	170
131.10	114	139.80	269	149.90	195	159.10	124
132.10	286	140.10	182	150.80	167	159.95	935
132.80	109	141.05	2352	151.10	205	161.15	1196
134.00	552	142.10	922	152.00	139	161.95	319
134.95	1936	142.95	674	153.00	717	162.80	139
135.20	114	144.10	124	154.00	583	163.95	289

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
164.95	882	175.10	1589	185.05	1389	194.90	119
166.05	925	176.05	595	186.00	12579	196.05	2805
167.00	5727	177.00	940	187.05	3137	196.65	309
167.95	2121	178.00	375	188.00	454	198.00	94103
169.00	763	179.00	3069	189.00	502	199.00	6829
170.05	248	180.00	2483	190.00	104	200.10	248
171.05	334	181.00	1014	190.70	147	201.65	426
172.00	416	181.90	147	191.00	312	203.10	274
172.70	155	182.10	111	192.05	1085	204.00	2871
173.10	573	182.70	114	193.10	1510	205.00	5326
174.05	996	184.00	340	194.00	142	206.05	22699

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
207.05	5045	221.05	4784	230.10	213	244.00	9847
207.95	1057	221.65	557	230.95	527	245.00	1176
209.05	312	222.00	274	233.95	299	245.95	1721
209.90	210	223.00	727	234.85	307	246.85	461
210.30	188	224.00	12348	236.00	302	249.05	471
211.05	1019	224.80	203	236.80	119	252.10	117
211.90	172	225.05	3038	238.80	150	255.00	49985
213.10	101	226.00	188	239.10	111	256.00	7470

216.00	220	227.00	4883	241.00	119	256.95	512
217.00	6081	228.00	996	242.05	294	257.95	2917
218.00	867	229.00	1343	243.00	608	259.10	231

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
264.90	1257	283.00	104	304.00	266	333.80	383
265.90	122	283.80	101	313.75	266	333.95	940
270.80	111	284.00	111	314.95	768	335.00	507
271.90	195	285.00	421	315.90	350	341.00	134
273.00	1528	292.95	479	321.00	248	345.90	385
274.00	3948	295.95	5942	323.10	2129	352.05	580
275.00	23462	296.95	889	323.95	481	352.80	258
276.00	2876	297.90	96	326.90	398	353.00	334
277.00	2068	300.90	104	327.95	258	353.95	801
278.00	304	301.60	99	332.10	134	354.90	198
281.00	142	303.05	943	332.90	248	365.00	3545

Average of 7.002 to 7.067 min.: X26206.D
DFTPP 50NG

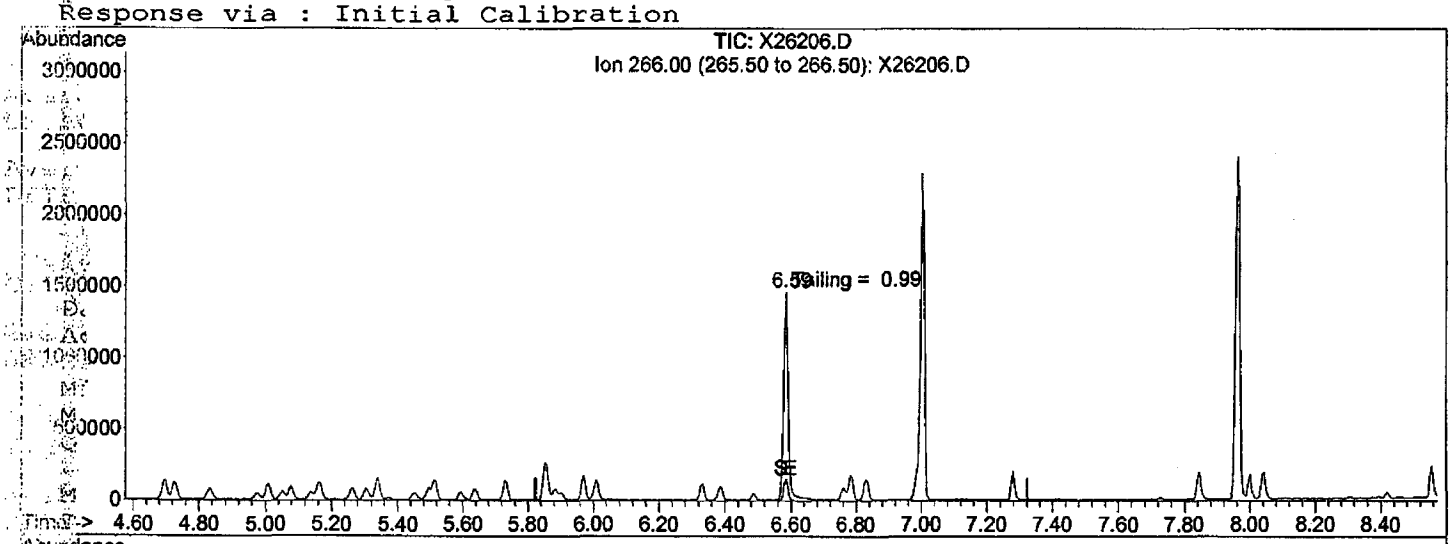
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
365.90	393	421.90	418				
371.95	1409	422.90	5058				
372.95	552	423.95	1143				
432.85	296	440.95	13037				
441.90	119	442.00	100000				
401.80	302	443.00	18257				
402.00	276	443.95	1792				
402.95	920						
203.80	134						
204.00	127						
220.90	745						

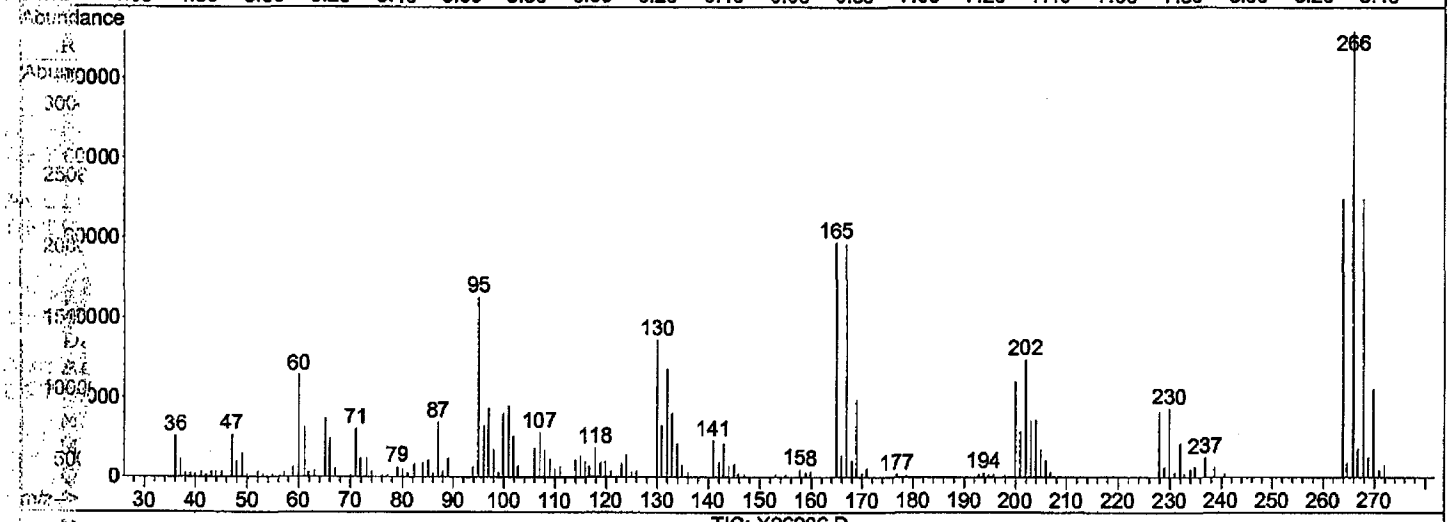
EasyID Report

Data File : D:\DATA\090508\X26206.D
Acq On : 5 Sep 2008 10:25
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 21:20:48 2008
Response via : Initial Calibration





(1) Pentachlorophenol

Exp R.T. 6.58min

response 0

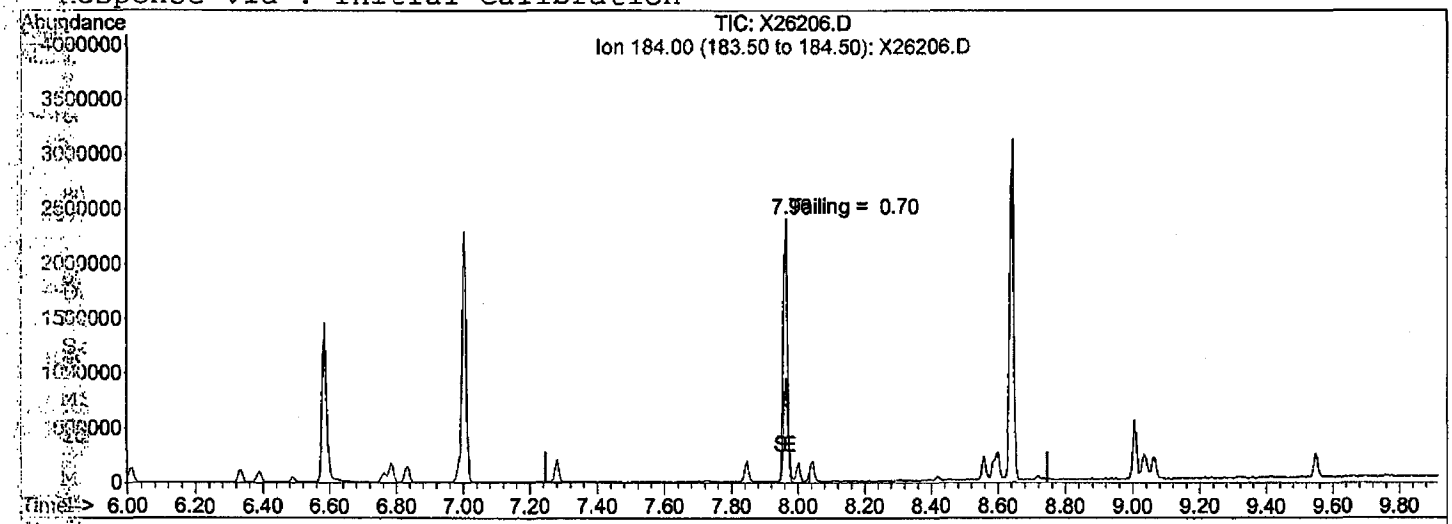
Signal	Exp%	Act%
TIC	100	100
266.00	5.80	7.68
0.00	0.00	0.00
0.00	0.00	0.00

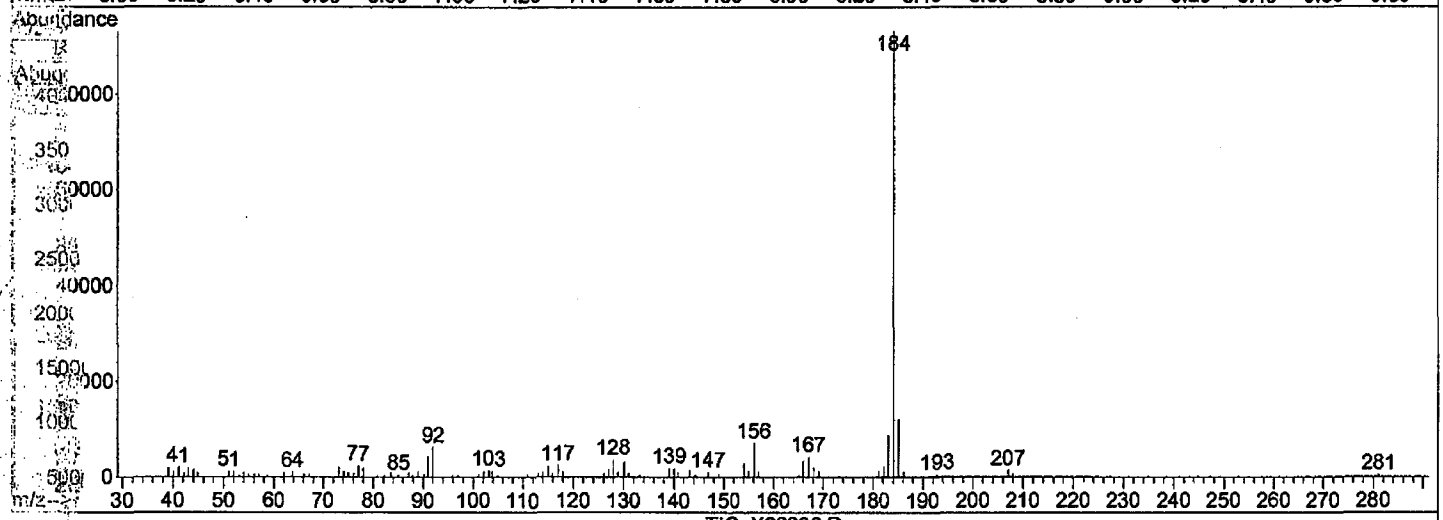
EasyID Report

Data File : D:\DATA\090508\X26206.D
Acq On : 5 Sep 2008 10:25
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 21:20:48 2008
Response via : Initial Calibration





TIC: X26206.D

(2) Benzidine

Exp R.T. 8.00min

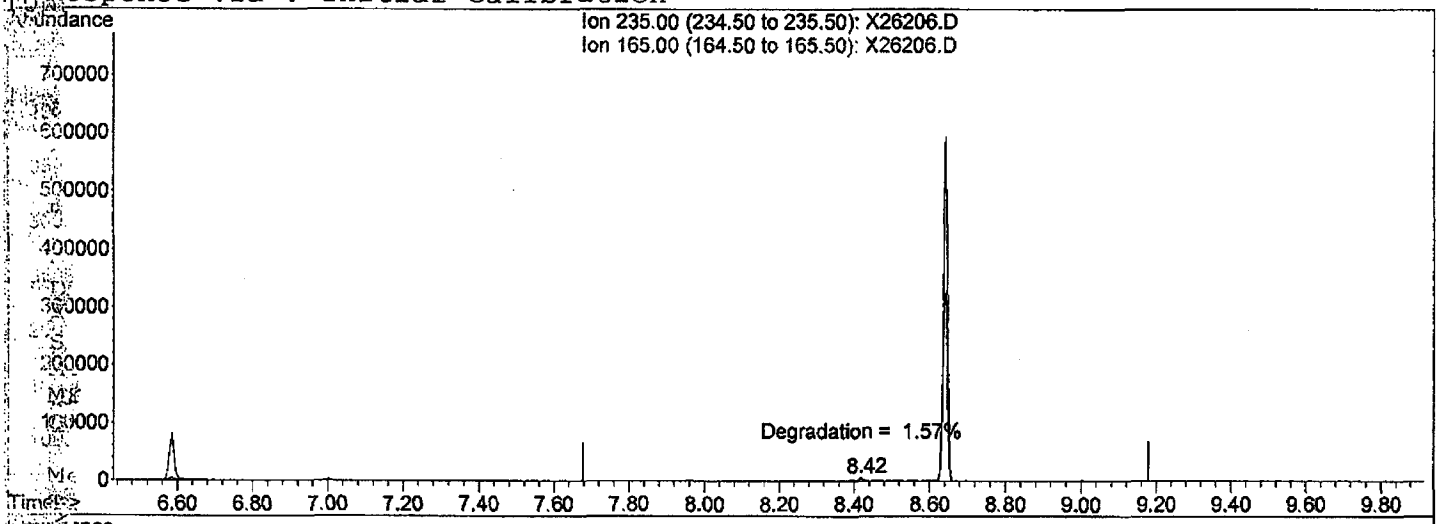
response 0

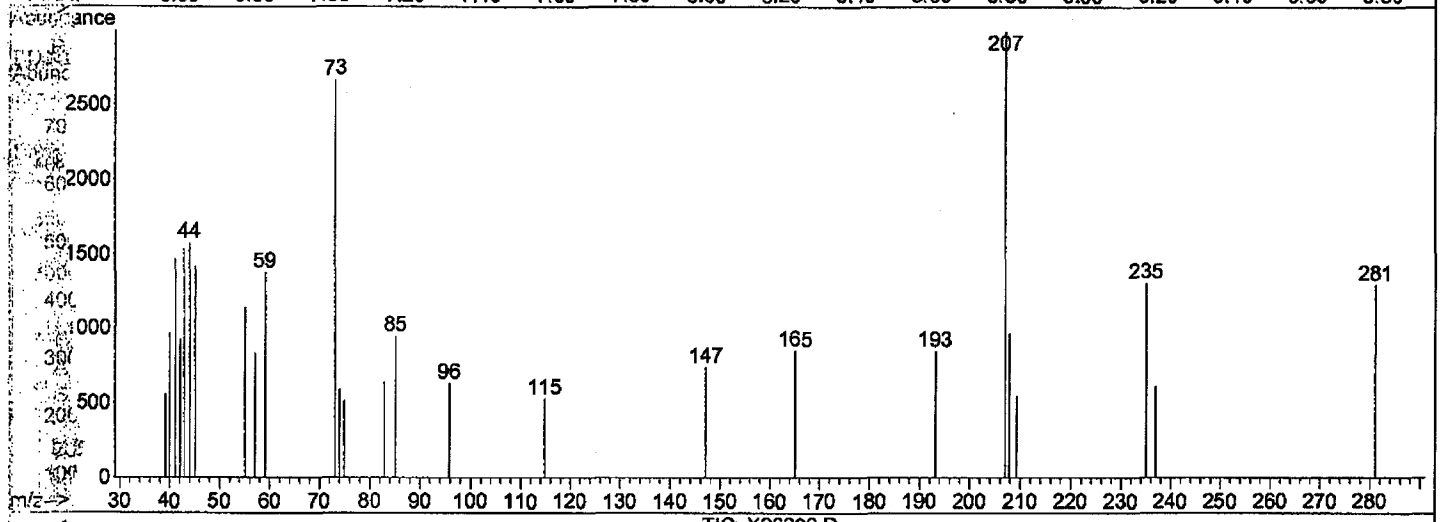
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	3.88
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\090508\X26206.D
Acq On : 5 Sep 2008 10:25
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 04 21:20:48 2008
Response via : Initial Calibration





(3) 4-4DDT

Exp R.T. 8.43min

response 0

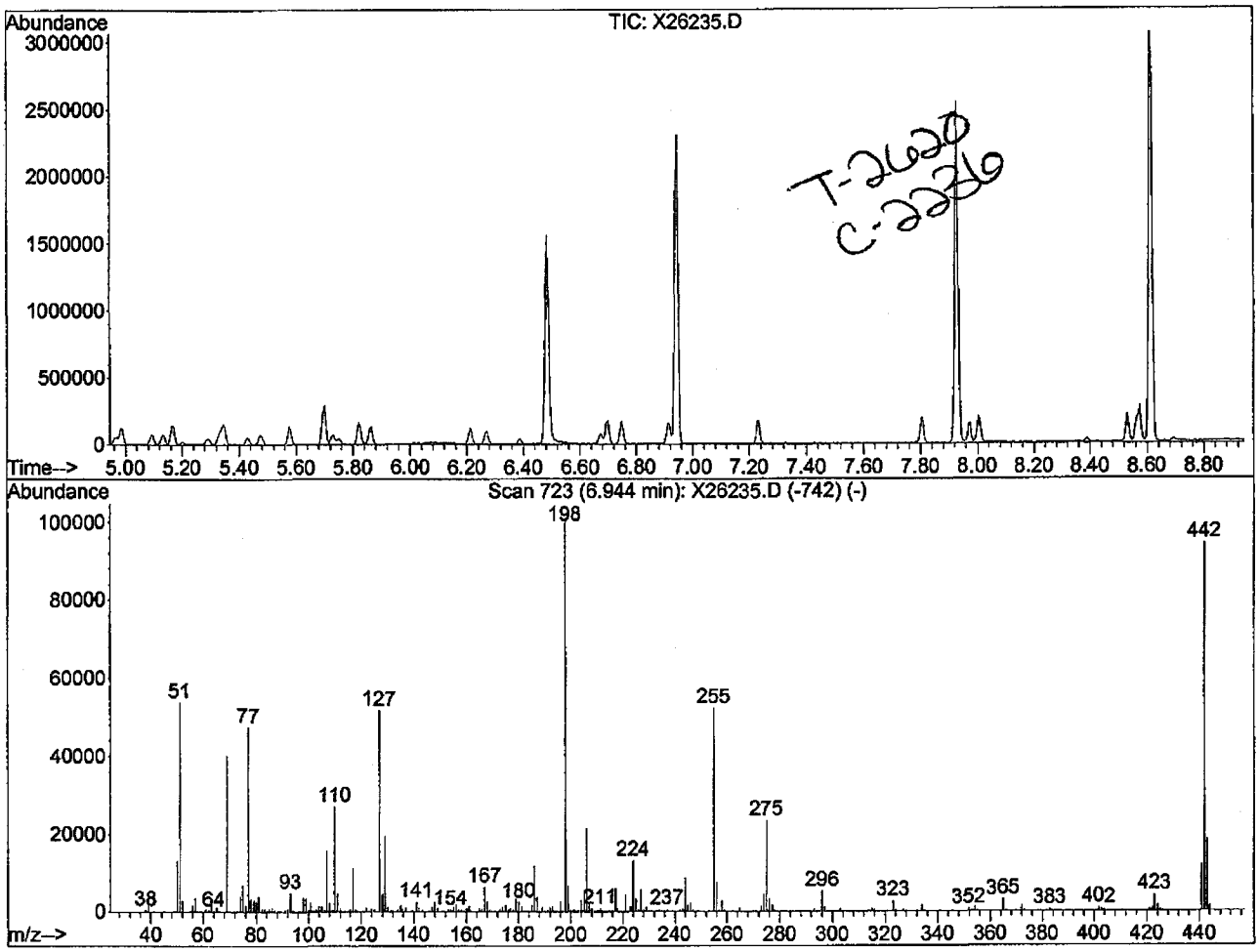
Ion	Exp%	Act%
235.00	100	100
165.00	48.10	64.96
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP

Data File : D:\DATA\090608\X26235.D
Acq On : 6 Sep 2008 8:59
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA

Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 05 10:37:07 2008
Response via : Initial Calibration



Spectrum Information: Scan 723

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	53.8	53780	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	40.2	40173	PASS
70	69	0.00	2	0.5	197	PASS
127	198	40	60	51.7	51686	PASS
197	198	0.00	1	0.3	258	PASS
198	198	100	100	100.0	100000	PASS
199	198	5	9	6.8	6751	PASS
275	198	10	30	23.5	23464	PASS
365	198	1	100	3.1	3072	PASS
441	198	0.01	100	12.0	11982	PASS
442	198	39	110	94.4	94379	PASS
443	442	17	23	19.5	18405	PASS

Scan 723 (6.944 min): X26235.D (-742)
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	496	57.00	3482	74.00	4052	84.90	780
39.10	4146	57.90	342	75.00	6848	86.00	1084
41.10	276	59.10	205	76.10	1761	87.00	449
43.00	24	61.00	660	77.10	47458	91.00	755
45.00	202	62.00	572	78.00	3324	92.00	866
49.00	260	63.10	2167	79.00	3155	93.00	4911
50.10	13262	64.00	343	79.90	2508	94.00	484
51.10	53780	65.00	1254	81.00	3899	96.00	317
52.00	2986	69.00	40173	82.10	733	97.00	203
55.00	262	69.90	197	83.10	635	98.00	3722
56.00	1634	73.00	232	83.90	226	99.00	3436

Scan 723 (6.944 min): X26235.D (-742)
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
99.90	395	112.00	676	131.10	263	146.00	380
100.90	2159	115.90	658	131.90	309	146.90	1265
103.00	598	117.00	11276	134.00	601	148.00	2508
104.00	1558	118.00	731	135.00	1660	149.00	1021
105.00	1386	122.00	1071	135.90	854	150.70	326
106.00	402	123.90	799	137.00	1084	151.20	267
107.00	15844	125.00	634	139.30	211	151.60	249
107.90	2340	127.00	51686	140.00	206	153.10	554
109.00	343	128.00	4535	141.00	2574	154.00	555
110.00	26989	129.00	19551	142.00	919	155.00	1118
111.00	4616	130.10	1246	143.10	490	156.00	1979

Scan 723 (6.944 min): X26235.D (-742)
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
157.10	587	171.00	260	185.00	1680	198.00	100000
158.00	472	172.90	717	186.00	11841	199.00	6751
159.00	348	174.00	1002	187.00	3766	199.90	549
160.00	827	175.10	1634	188.00	232	200.80	388
161.10	1379	176.10	610	189.00	1028	201.40	577
161.80	257	176.90	895	189.80	223	203.00	387
165.00	1014	178.00	458	191.10	436	204.00	2974
165.90	650	178.90	3449	192.10	1089	205.00	5606
167.00	6348	180.10	2543	193.00	1366	206.10	21281
168.10	2472	181.10	1234	196.10	2572	207.00	2611
168.90	409	182.10	265	196.80	258	208.00	914

Scan 723 (6.944 min): X26235.D (-742)
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
209.00	218	225.00	3422	237.00	641	256.00	7419
210.50	372	226.00	540	239.00	245	257.00	451
211.20	784	227.00	5833	242.00	576	258.00	2767
211.80	292	228.10	496	243.00	799	259.00	514
214.80	420	229.00	1177	244.00	8868	264.90	1020
215.80	253	230.10	211	245.00	1536	273.00	1380
217.00	6034	230.90	379	246.00	2132	274.00	4365
218.00	756	233.00	235	246.90	374	275.00	23464
221.00	4255	233.90	637	249.00	318	276.00	3303
222.90	1217	234.90	361	253.00	203	277.10	1671
224.00	13237	236.00	220	255.00	52211	278.00	409

Scan 723 (6.944 min): X26235.D (-742)
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
282.80	196	320.80	224	352.90	267	390.90	301
285.10	342	323.00	2806	354.00	1144	401.90	826
293.00	731	324.00	513	354.80	254	402.90	721
294.90	198	326.90	558	364.90	3072	403.90	424
296.00	5298	328.00	238	366.00	352	421.00	715
297.00	1114	332.00	226	369.80	244	421.90	899
302.90	767	334.00	1647	372.00	1456	422.90	4262
314.00	478	335.00	351	373.00	399	424.00	1488

314.60	265	340.90	342	382.90	509	425.00	377
315.10	778	345.80	300	383.70	200	440.90	11982
316.00	557	351.90	760	390.10	212	442.00	94379

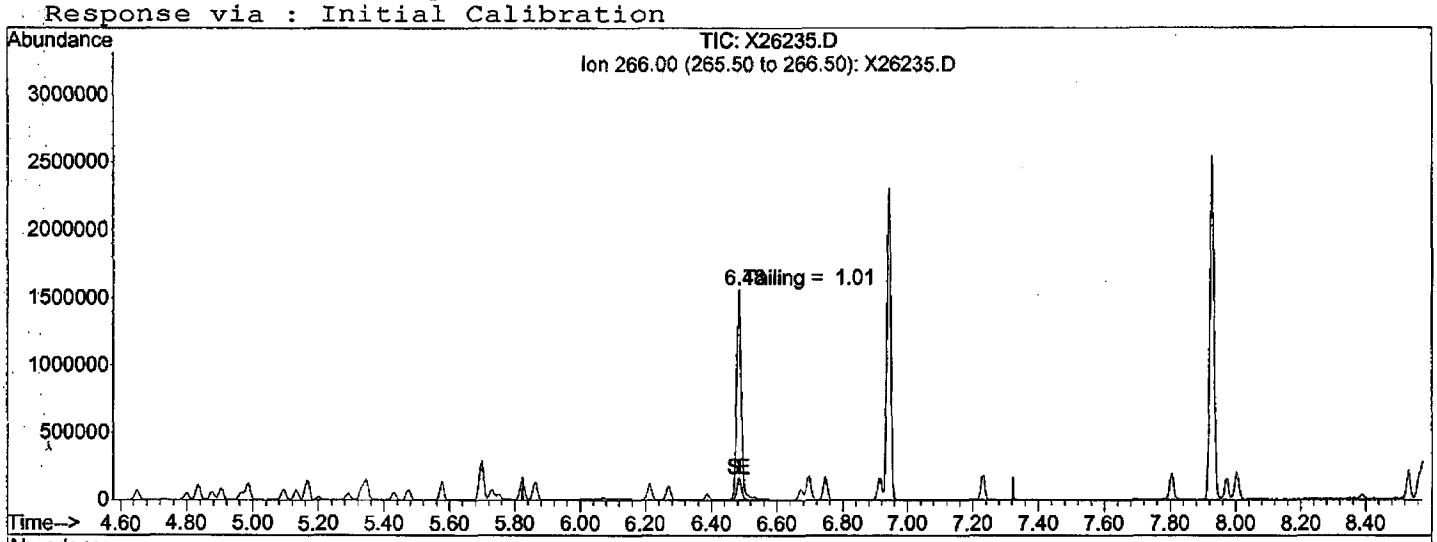
Scan 723 (6.944 min): X26235.D (-742)
DFTPP 50NG
Modified:subtracted

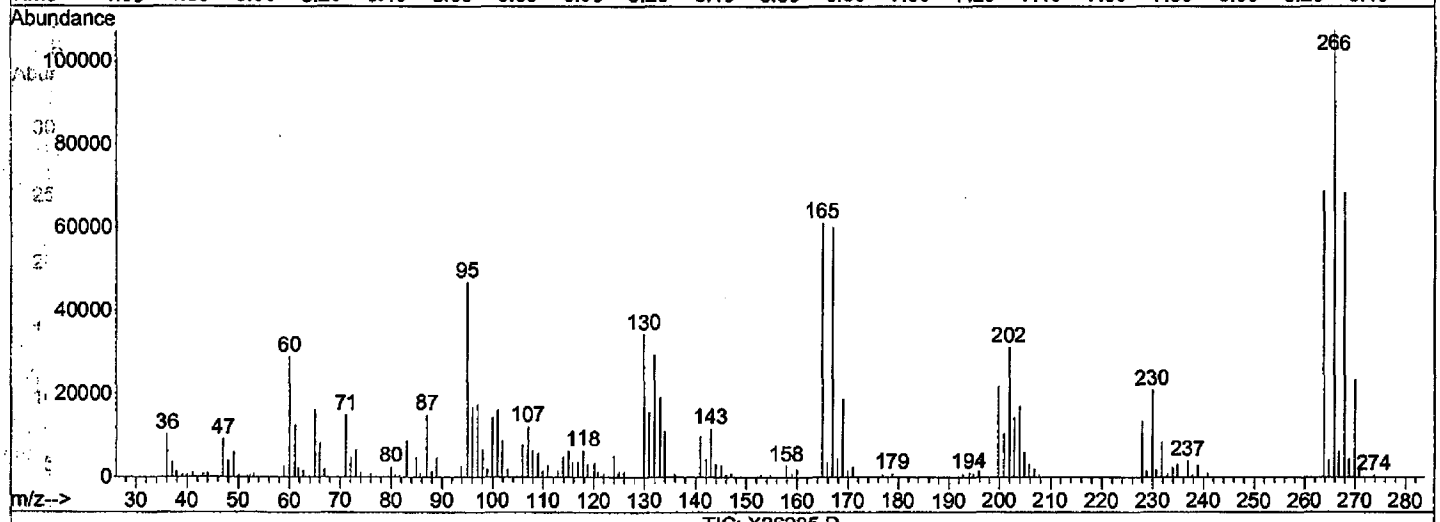
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
443.00	18405						
444.00	1520						

EasyID Report

Data File : D:\DATA\090608\X26235.D
Acq On : 6 Sep 2008 8:59
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 05 10:37:07 2008
Response via : Initial Calibration





TIC: X26235.D

(1) Pentachlorophenol

Exp R.T. 6.58min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	5.80	6.88
0.00	0.00	0.00
0.00	0.00	0.00

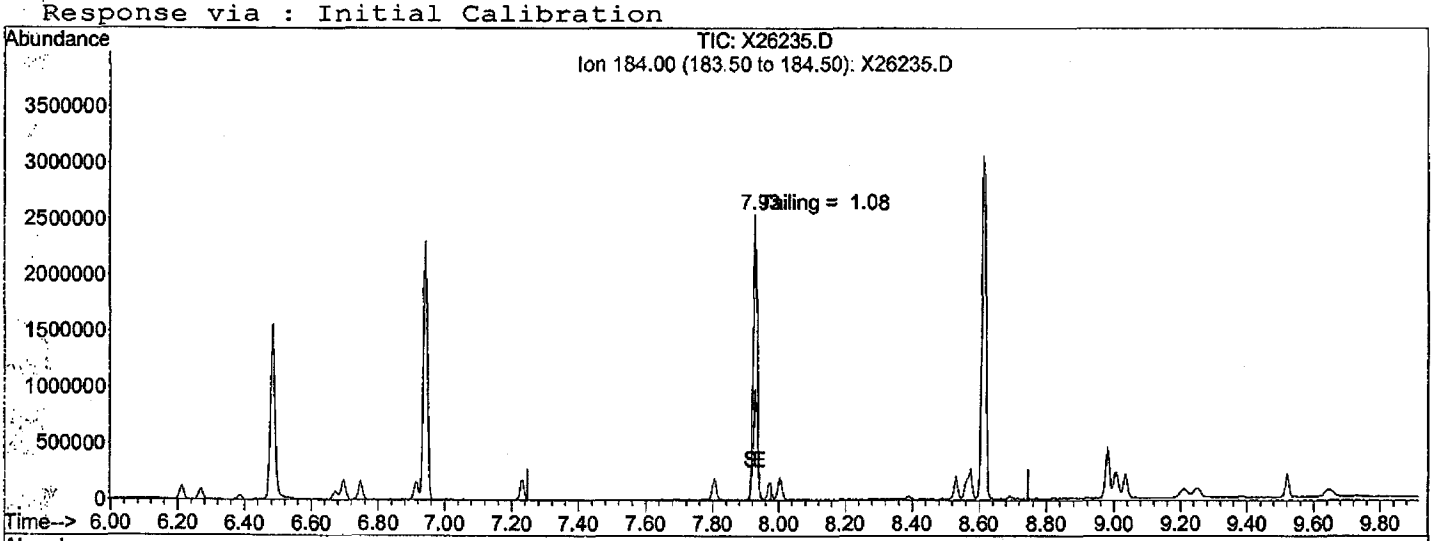
EasyID Report

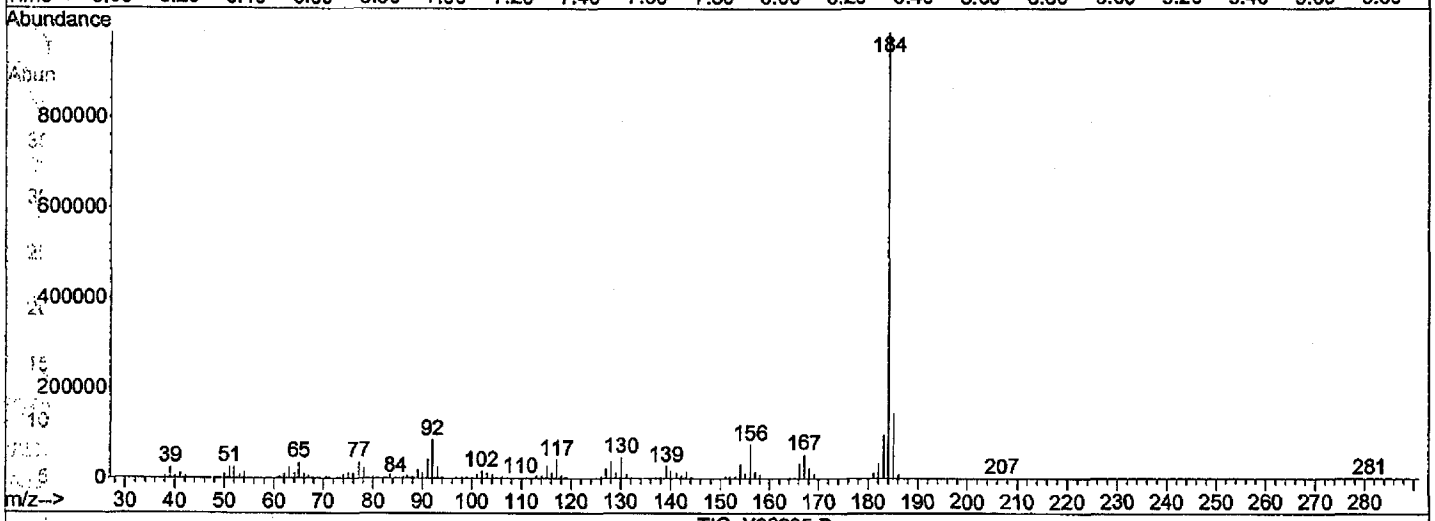
Data File : D:\DATA\090608\X26235.D
Acq On : 6 Sep 2008 8:59
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 05 10:37:07 2008
Response via : Initial Calibration





TIC: X26235.D

(2) Benzidine

Exp R.T. 8.00min

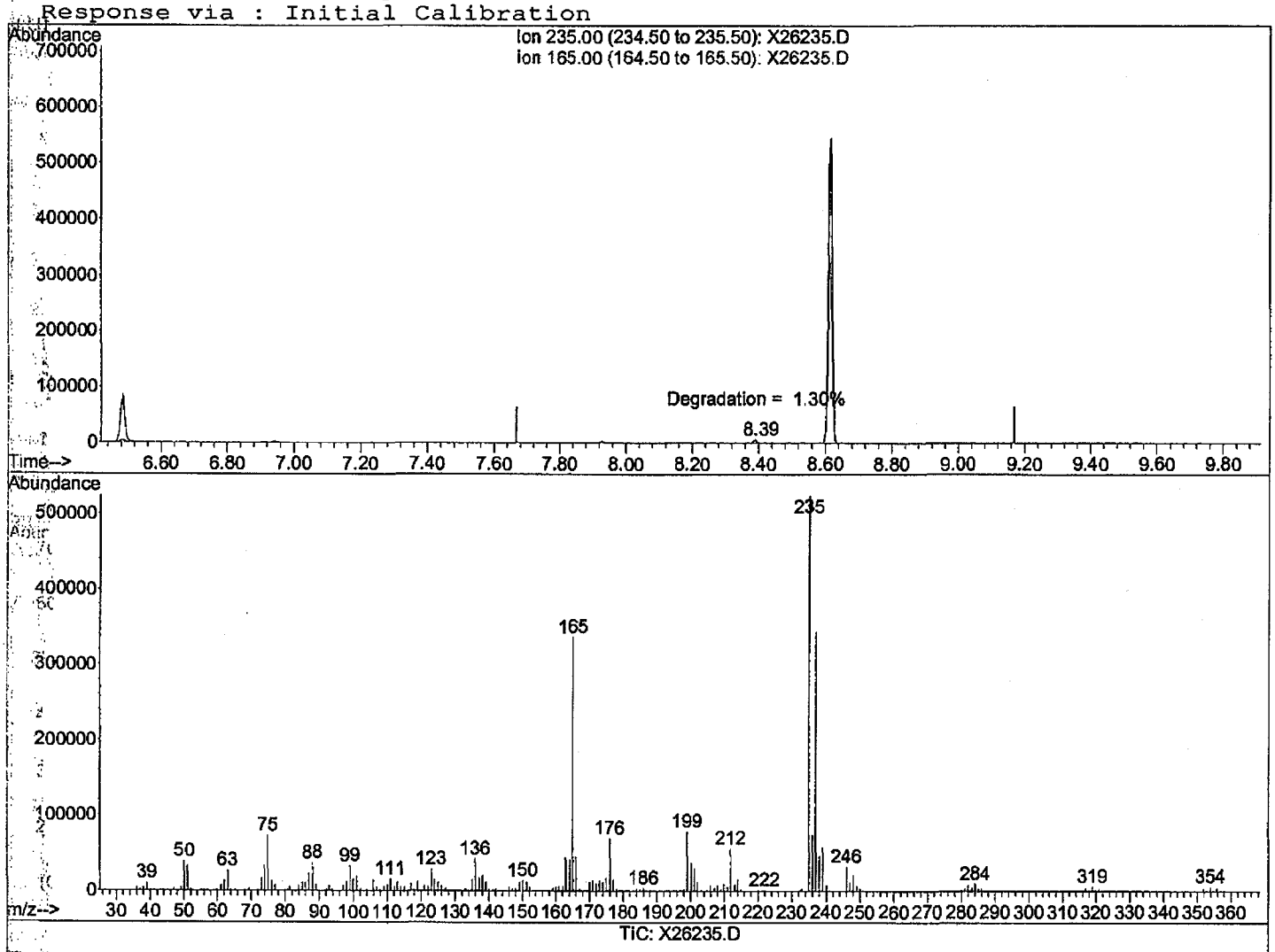
response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	38.88
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\090608\X26235.D
Acq On : 6 Sep 2008 8:59
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Vial: 1
Operator: RM
Inst : HP5973X
Multiplr: 1.00
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 05 10:37:07 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.42min

response 0

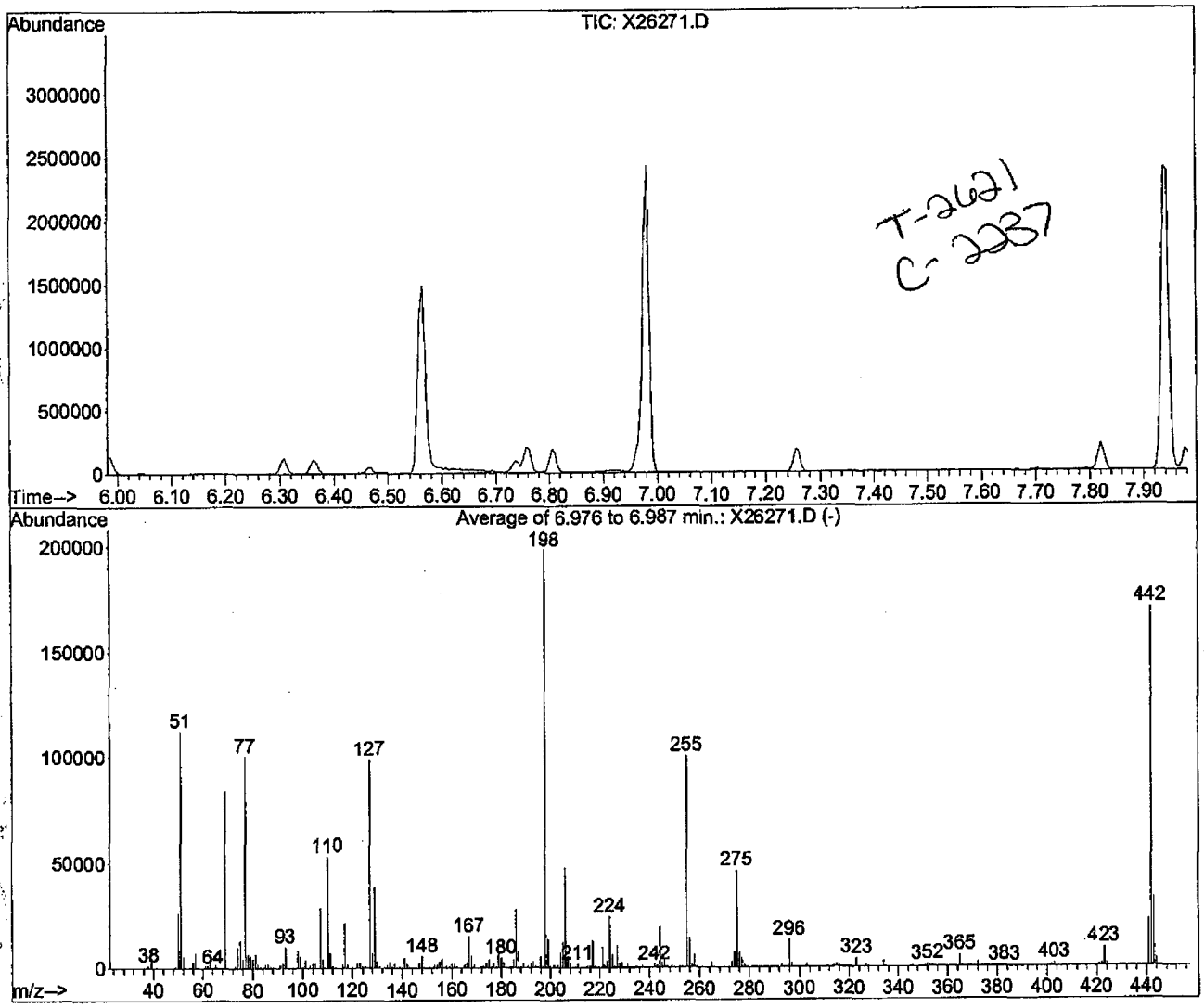
Ion	Exp%	Act%
235.00	100	100
165.00	65.00	64.33
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\090808\X26271.D
Acq On : 8 Sep 2008 12:26
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: rteint.p

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 730 (6.98 min)
Average of 3 scans: 729,730,731 minus background scan 710 (6.87 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	56.7	112402	PASS
68	69	0	2	0.5	387	PASS
69	198	0	100	42.3	83874	PASS
70	69	0	2	0.6	541	PASS
127	198	40	60	49.7	98632	PASS
197	198	0	1	0.4	792	PASS
198	198	100	100	100.0	198384	PASS
199	198	5	9	6.9	13731	PASS
275	198	10	30	23.2	46101	PASS
365	198	1	100	2.8	5576	PASS
441	198	0	100	11.3	22373	PASS
442	198	39	110	85.8	170197	PASS
443	442	17	23	19.3	32882	PASS

X26271.D TUNEQ.M Mon Sep 08 16:25:18 2008

Average of 6.976 to 6.987 min.: X26271.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	1320	69.00	83874	85.00	2016	105.00	2147
39.10	9410	73.05	1323	86.00	1865	107.00	28917
50.10	26313	74.00	9861	87.00	1073	108.05	4445
51.10	112402	75.00	13205	91.00	1742	110.00	53042
52.10	5365	76.05	4412	92.00	2224	111.00	7258
56.05	3027	77.10	100437	93.05	10110	112.05	1037
57.00	6931	78.00	6318	98.00	8517	116.10	1520
61.05	1139	79.05	5497	99.00	5621	117.00	21492
61.90	1426	80.00	4691	101.00	3861	118.00	1784
63.00	4149	81.00	6809	102.90	1451	122.00	2242
65.05	1690	82.00	2072	103.95	2367	123.00	2823

Average of 6.976 to 6.987 min.: X26271.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
125.05	1116	148.00	5623	168.95	1209	189.00	2138
127.00	98632	153.00	1452	172.90	1132	192.05	1953
128.00	6850	154.00	1480	174.05	2231	193.00	2860
129.00	38410	155.00	3036	175.00	3913	196.00	5351
129.95	3106	156.05	4268	176.95	2124	198.00	198384
133.95	1465	159.95	1740	178.95	6499	199.00	13731
135.05	2725	160.90	1898	180.00	4666	199.95	1036
137.05	1959	165.10	1332	181.00	2418	201.45	1312
141.00	4987	166.10	2680	185.00	3677	202.95	1338
141.95	1845	167.00	15161	186.00	27764	204.05	7032
147.00	2641	168.05	5511	187.00	7721	205.05	11978

Average of 6.976 to 6.987 min.: X26271.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.05	47717	227.85	1767	258.00	5774	315.05	1538
207.00	5836	228.95	2297	264.95	2291	323.00	4167
208.05	2120	231.10	1209	273.00	2779	333.95	3028
211.10	1831	241.95	1480	274.00	7543	351.95	1382
217.00	12828	243.00	1092	275.00	46101	364.95	5576
221.05	9614	244.05	19203	276.00	6936	372.00	2275
221.65	1308	244.95	2535	276.95	4489	402.95	1637
222.95	2994	246.00	4078	278.05	1142	421.95	1272
224.00	24279	255.00	100301	296.00	12936	423.00	9167
225.00	6177	256.00	14162	297.00	1963	423.95	1548
227.00	10539	257.05	1321	302.95	1413	440.95	22373

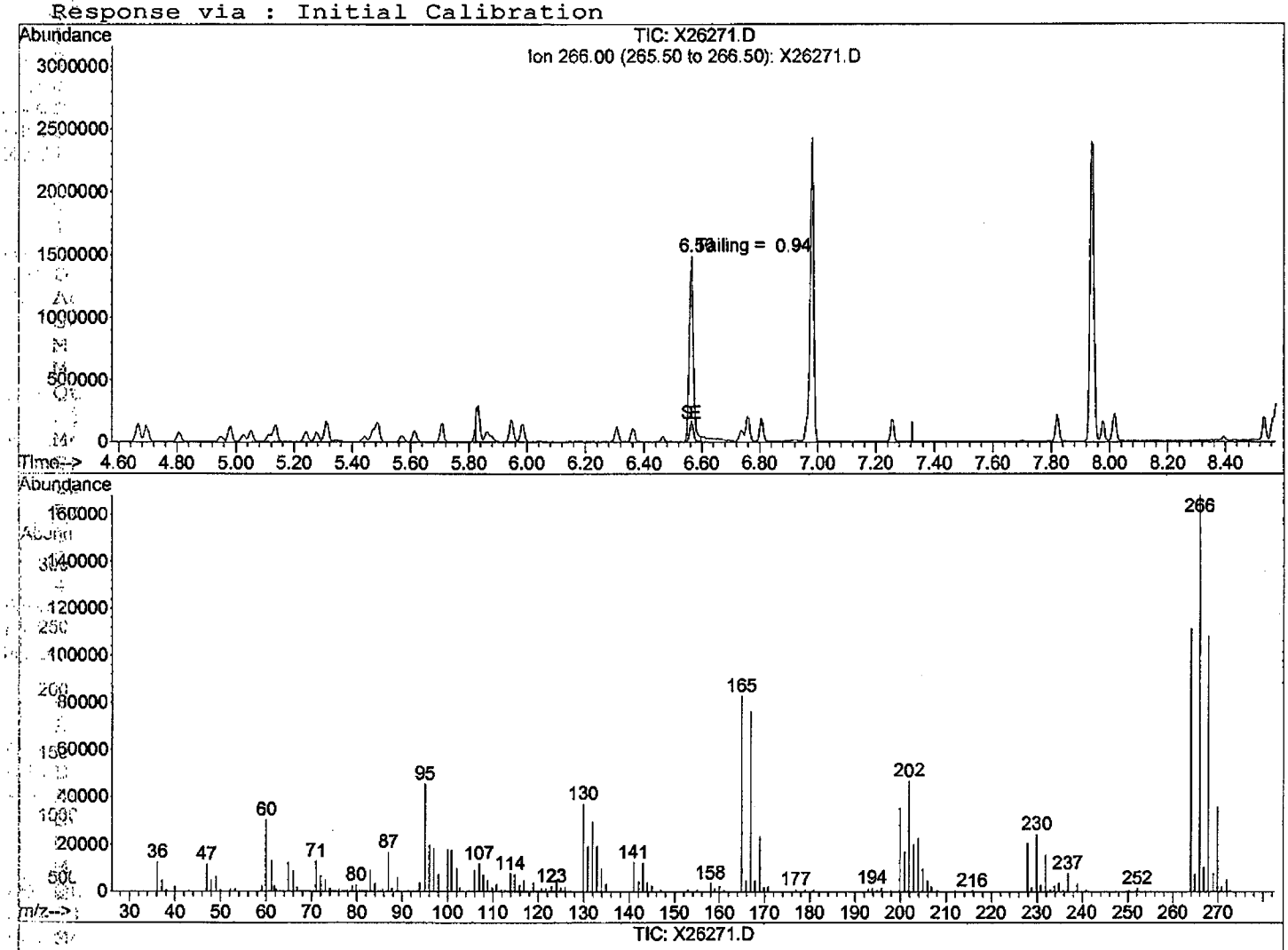
Average of 6.976 to 6.987 min.: X26271.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
442.00	170197						
443.00	32882						
443.95	3455						

EasyID Report

Data File : D:\DATA\090808\X26271.D Vial: 1
Acq On : 8 Sep 2008 12:26 Operator: aj
Sample : DFTPP 50NG Inst : HP5973X
Misc : SC33-12K Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Sep 08 12:38:37 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.58min

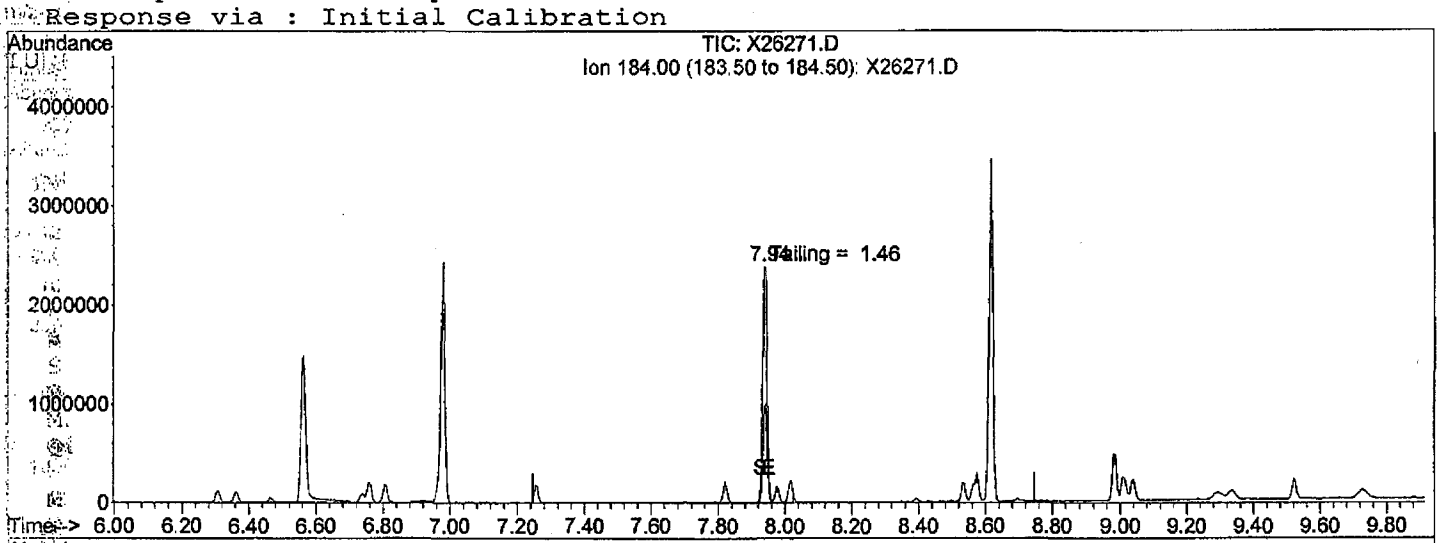
response 0

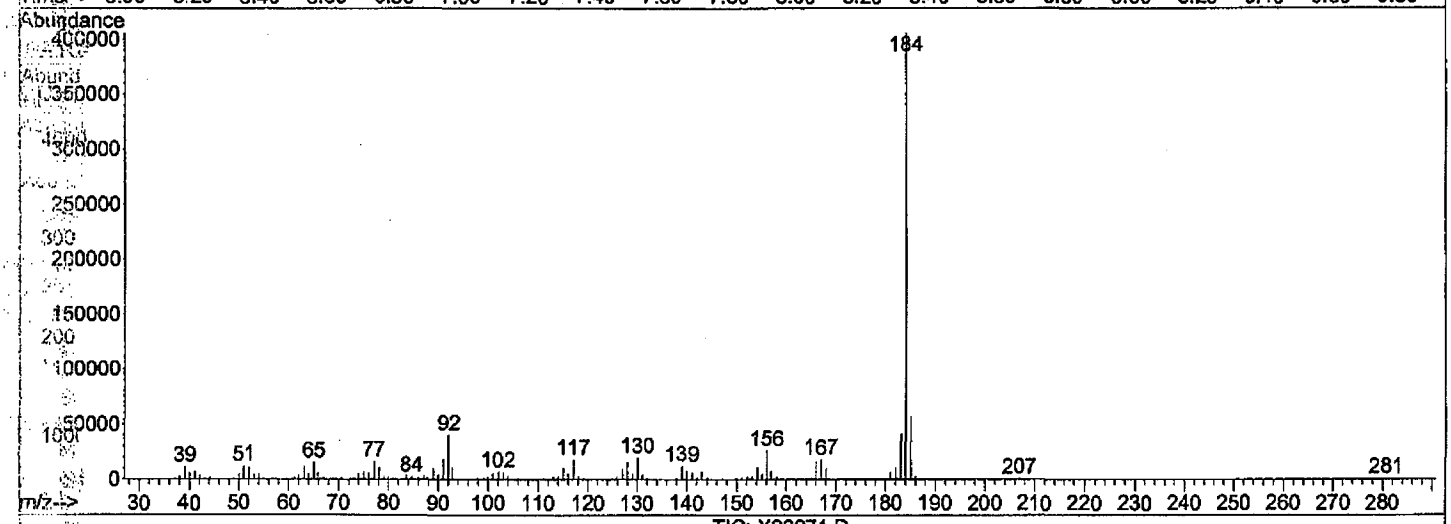
Signal	Exp%	Act%
TIC	100	100
266.00	5.80	11.29
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\090808\X26271.D Vial: 1
Acq On : 8 Sep 2008 12:26 Operator: aj
Sample : DFTPP 50NG Inst : HP5973X
Misc : SC33-12K Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Sep 08 12:38:37 2008
Response via : Initial Calibration





TIC: X26271.D

(2) Benzidine

Exp R.T. 8.00min

response 0

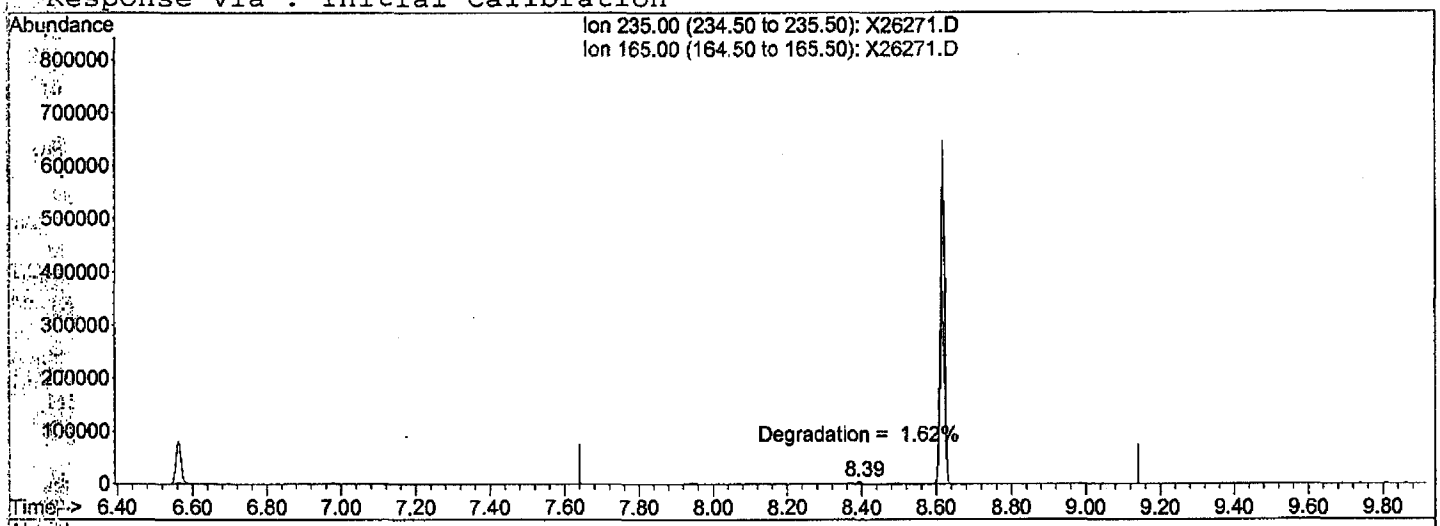
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	16.98
0.00	0.00	0.00
0.00	0.00	0.00

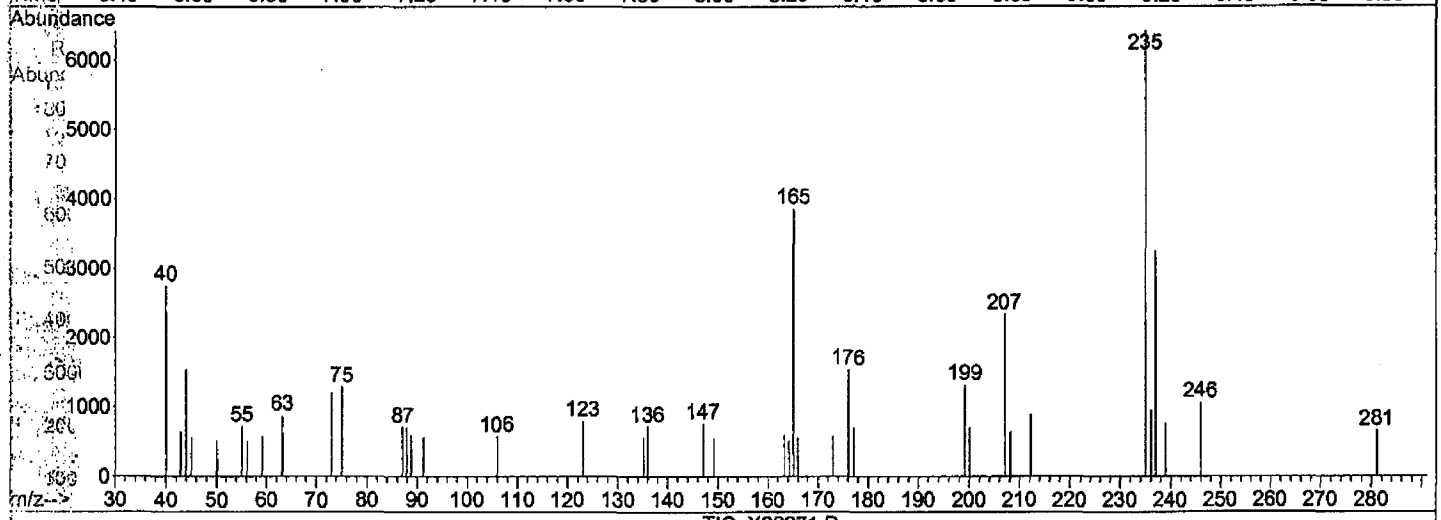
EasyID Report

Data File : D:\DATA\090808\X26271.D
Acq On : 8 Sep 2008 12:26
Sample : DFTPP 50NG
Misc : SC33-12K
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Mon Sep 08 12:38:37 2008
Response via : Initial Calibration





TIC: X26271.D

(3) 4-4DDT

Exp R.T. 8.39min

response 0

Ion	Exp%	Act%
235.00	100	100
165.00	0.00	60.20
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146003

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V30991.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	330	U
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	330	U
50-32-8	Benzo(a)pyrene	330	U
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	330	U
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	330	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	330	U
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	20	J
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146003

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V30991.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	330	U
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
108-95-2	Phenol	330	U
129-00-0	Pyrene	330	U
95-95-4	2,4,5-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146003

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V30991.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

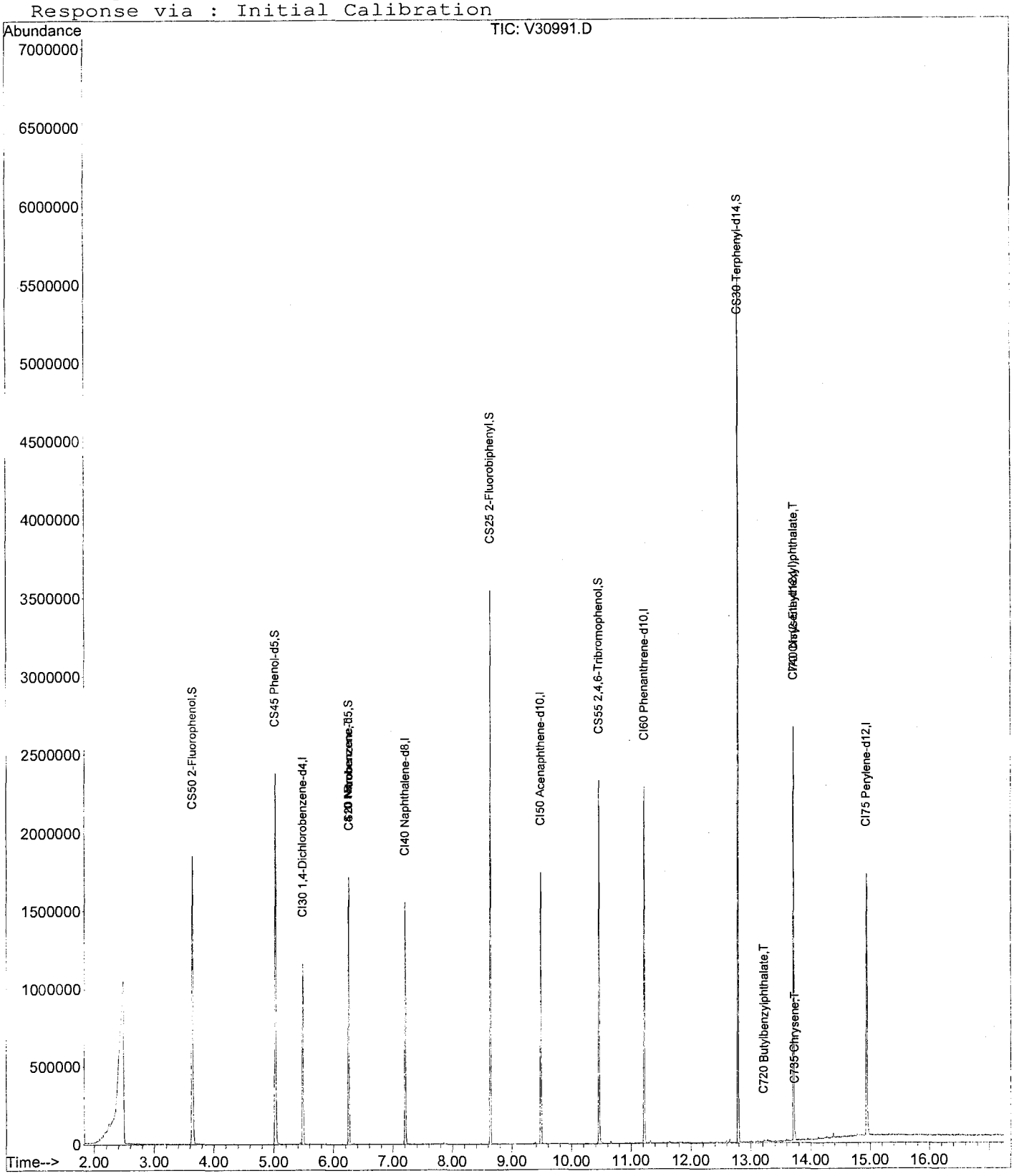
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

Data File : D:\DATA\090208\V30991.D
Acq On : 2 Sep 2008 16:26
Sample : SBLK43 AS80010955
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 3 7:05 2008

Vial: 21
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report **1722/3648**

Data File : D:\DATA\090208\V30991.D Vial: 21
Acq On : 2 Sep 2008 16:26 Operator: MD
Sample : SBLK43 AS80010955 Inst : HP5973V
Misc : 08-A399/457/60/75 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:09 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

SB 9/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	183396	40.00	ng	0.00 97.19%
20) CI40 Naphthalene-d8	7.20	136	682128	40.00	ng	0.00 98.27%
35) CI50 Acenaphthene-d10	9.48	164	400027	40.00	ng	0.00 102.00%
56) CI60 Phenanthrene-d10	11.23	188	841927	40.00	ng	0.00 105.37%
68) CI70 Chrysene-d12	13.72	240	783812	40.00	ng	0.00 110.62%
78) CI75 Perylene-d12	14.94	264	606814	40.00	ng	0.00 106.04%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.64	112	633374	91.64	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	61.09%		
5) CS45 Phenol-d5	5.02	99	929537	104.76	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	69.84%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.26	82	611293	69.97	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	69.97%		
39) CS25 2-Fluorobiphenyl	8.64	172	1063844	70.85	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	70.85%		
59) CS55 2,4,6-Tribromophenol	10.46	330	225924	129.47	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	86.31%		
71) CS30 Terpheny1-d14	12.79	244	1479419	83.35	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	83.35%		
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.		
7) C315 Phenol	5.04	94	1096	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.52	146	190	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	5.46	45	169	N.D.		
16) C355 2-Methylphenol	5.49	108	752	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	5.95	70	202	N.D.		
19) C365 4-Methylphenol	6.26	108	183	N.D.		
~~22) C410 Nitrobenzene~~	~~6.25~~	~~77~~	~~2252~~	~~0.23~~	~~ng~~	~~# 34~~
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30991.D
Acq On : 2 Sep 2008 16:26
Sample : SBLK43 AS80010955
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:09 2008

Vial: 21
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	7.21	93	218	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.		
30)	C450 Naphthalene	7.24	128	191	N.D.		
31)	C455 4-Chloroaniline	0.00	127	0	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	0.00	152	0	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45)	C550 Acenaphthene	9.52	153	169	N.D.		
46)	C545 3-Nitroaniline	8.64	138	292	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	0.00	168	0	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	10.17	166	178	N.D.		
52)	C585 4-Chlorophenyl-pheny1	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	0.00	149	0	N.D.		
54)	C620 1,2 diphenylhydrazine	10.46	77	1557	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	11.25	178	3922	N.D.		
64)	C645 Anthracene	11.25	178	3922	N.D.		
65)	C647 carbazole	12.19	167	187	N.D.		
66)	C650 Di-n-butylphthalate	11.85	149	2618	N.D.		
67)	C655 Fluoranthene	12.43	202	968	N.D.		
69)	C715 Pyrene	12.65	202	444	N.D.		
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.22	149	2397	0.21 ng	#	64
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	0.00	228	0	N.D.		
75)	C735 Chrysene	13.74	228	14858	0.62 ng		94
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	16374	1.05 ng		85
77)	C760 Di-n-octylphthalate	14.24	149	2918	N.D.		
79)	C765 Benzo[b]fluoranthene	14.60	252	193	N.D.		
80)	C770 Benzo[k]fluoranthene	14.60	252	193	N.D.		
81)	C775 Benzo[a]pyrene	14.94	252	2856	N.D.		
82)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
83)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
84)	C790 Benzo[g,h,i]perylene	16.31	276	377	N.D.		

9/3/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

1724/3648

Data File : D:\DATA\090208\V30991.D
Acq On : 2 Sep 2008 16:26
Sample : SBLK43 AS80010955
Misc : 08-A399/457/60/75
MS Integration Params: rteint.p
Quant Time: Sep 03 18:46:36 2008

Vial: 21
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	183396	40.00	ng	-0.10 115.90%
4) CI40 Naphthalene-d8	7.20	136	682128	40.00	ng	-0.08 122.07%
7) CI50 Acenaphthene-d10	9.48	164	400027	40.00	ng	-0.07 124.05%
10) CI60 Phenanthrene-d10	11.23	188	841927	40.00	ng	-0.06 132.78%
12) CI70 Chrysene-d12	13.72	240	783812	40.00	ng	-0.06 115.50%
13) CI75 Perylene-d12	14.94	264	606814	40.00	ng	-0.07 111.73%

Target Compounds						Qvalue
~~2) E600 Benzaldehyde~~	~~5.02~~	~~77~~	~~1735~~	~~0.25~~	~~ng~~	~~# 1~~
3) E145 Acetophenone	5.57	105	169	N.D.		
~~5) E655 Caprolactam~~	~~7.85~~	~~113~~	~~165~~	~~3.27~~	~~ng~~	~~# 41~~
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.76	154	1435	N.D.		
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

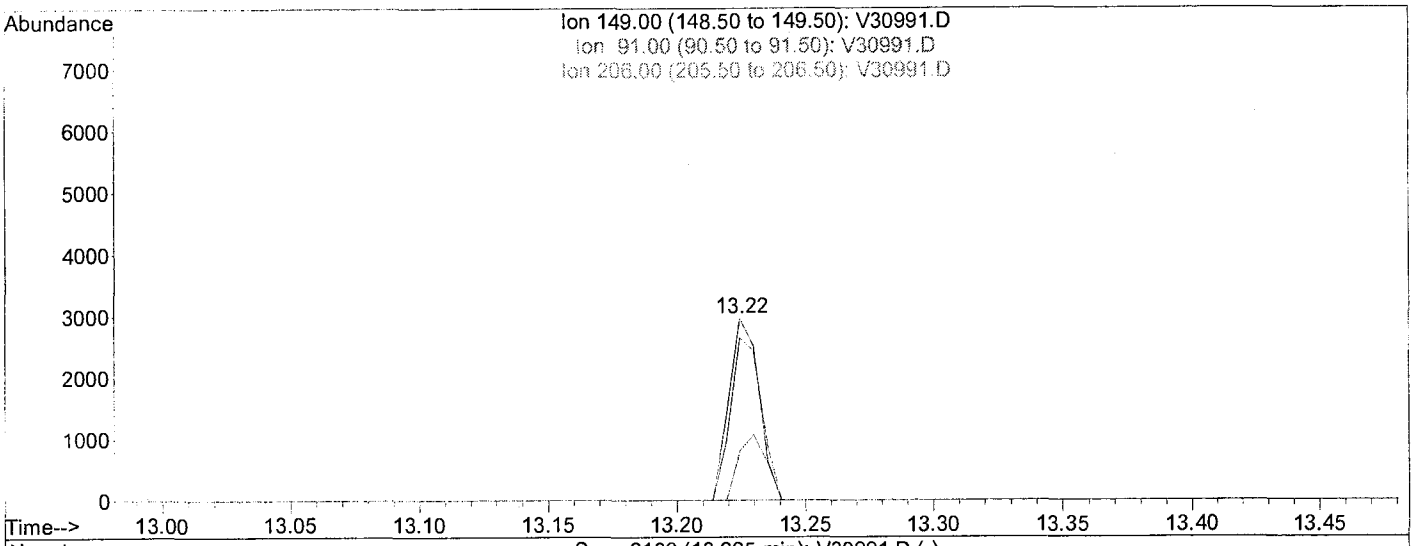
(#) = qualifier out of range (m) = manual integration

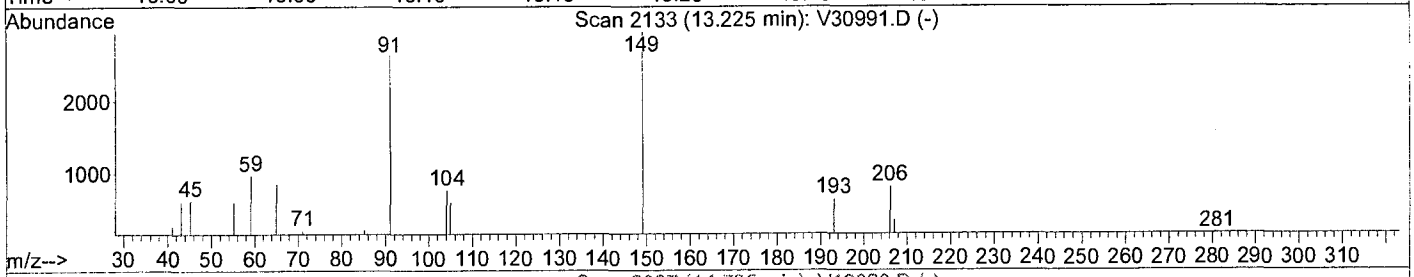
Quantitation Report (Qedit)

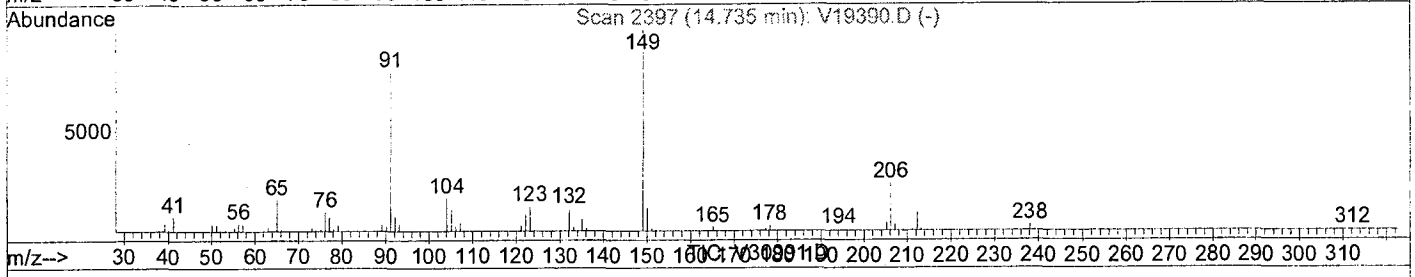
Data File : D:\DATA\090208\V30991.D
Acq On : 2 Sep 2008 16:26
Sample : SBLK43 AS80010955
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:02 2008

Vial: 21
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(72) C720 Butylbenzylphthalate (T)

13.22min 0.21ng

response 2397

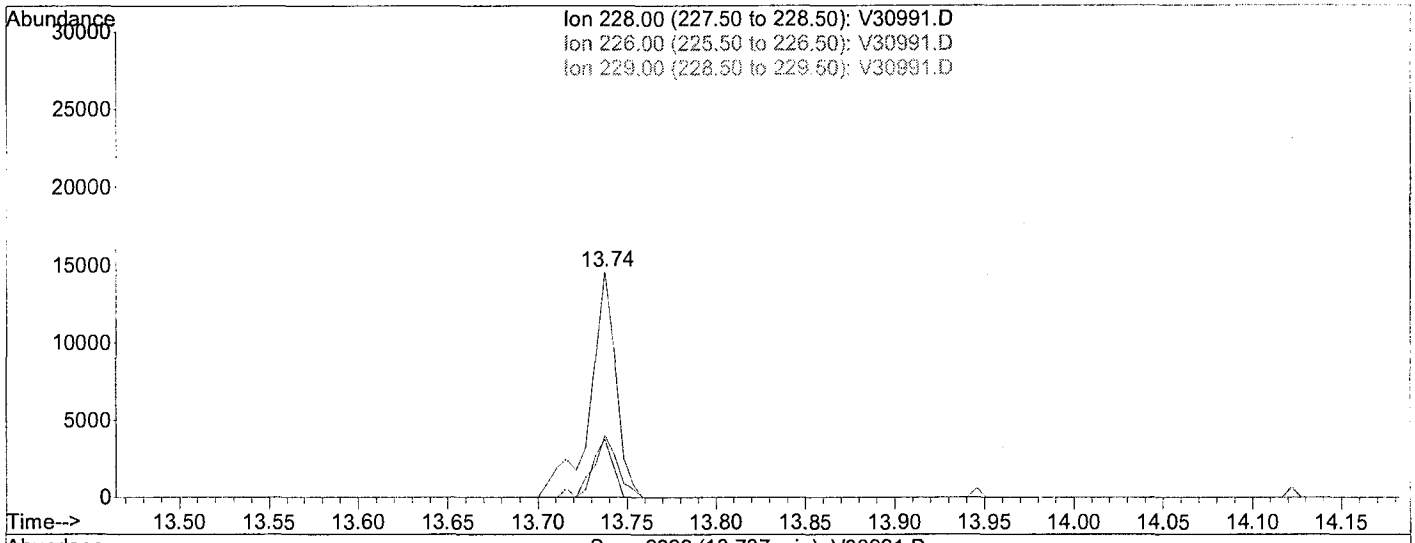
Ion	Exp%	Act%
149.00	100	100
91.00	58.20	89.22#
206.00	19.30	27.33
0.00	0.00	0.00

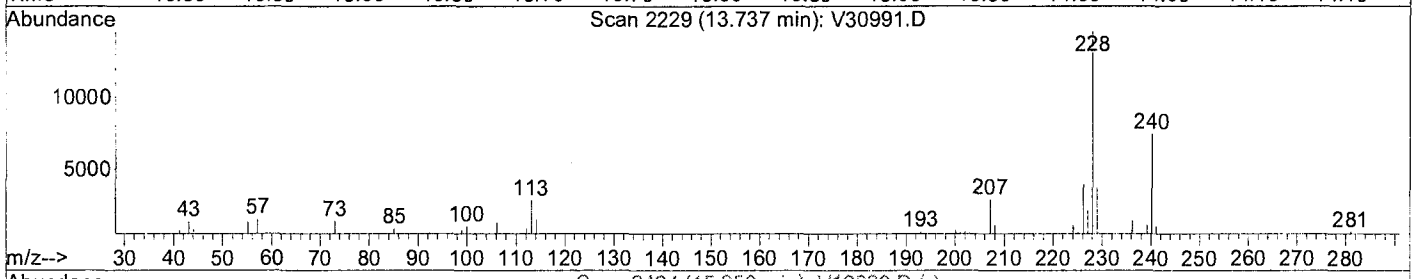
Quantitation Report (Qedit)

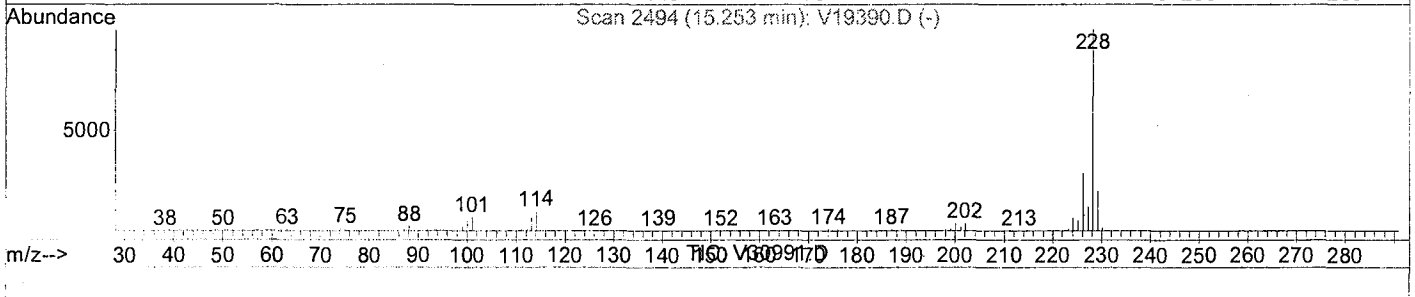
Data File : D:\DATA\090208\V30991.D
Acq On : 2 Sep 2008 16:26
Sample : SBLK43 AS80010955
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:02 2008

Vial: 21
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.74min 0.62ng

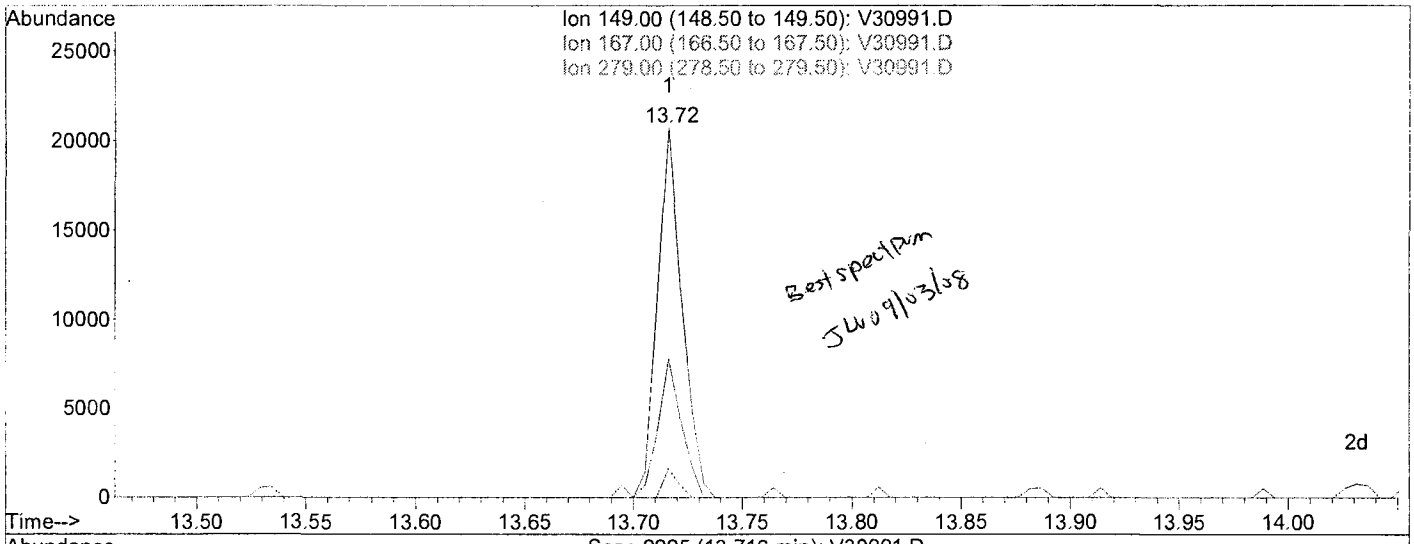
response 14858

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	27.43
229.00	19.20	25.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\090208\V30991.D Vial: 21
Acq On : 2 Sep 2008 16:26 Operator: MD
Sample : SBLK43 AS80010955 Inst : HP5973V
Misc : 08-A399/457/60/75 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 3 18:02 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Multiple Level Calibration



(76) C740 bis(2-Ethylhexyl)phthalate (T)

13.72min 1.05ng

response 16374

Ion	Exp%	Act%
149.00	100	100
167.00	28.30	37.54
279.00	6.10	7.97
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149303

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31075.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	2	J
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149303

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31075.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149303

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31075.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

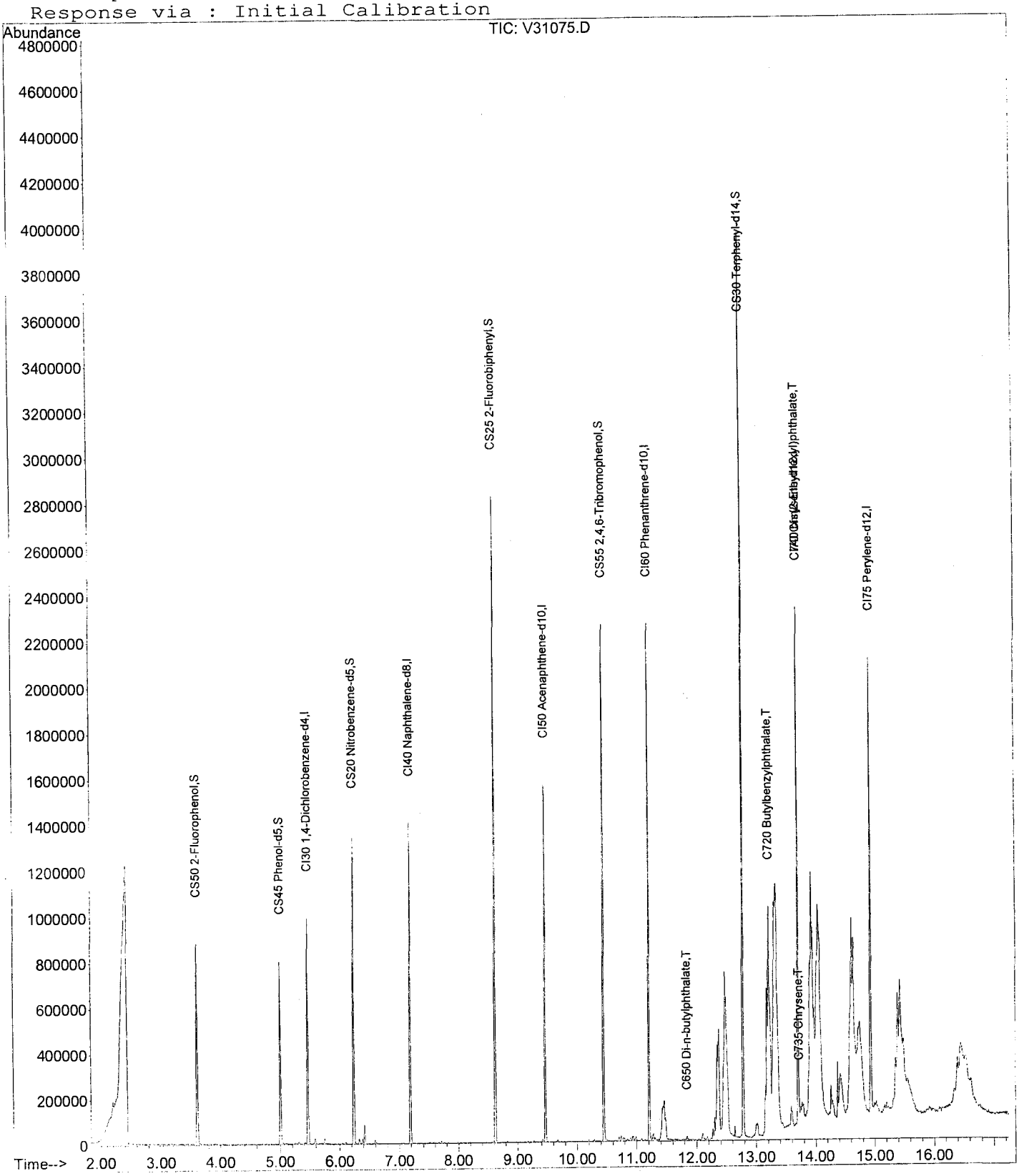
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:43 2008

Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:10 2008

Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	157197	40.00	ng	0.00 80.97%
20) CI40 Naphthalene-d8	7.19	136	596699	40.00	ng	0.00 82.12%
35) CI50 Acenaphthene-d10	9.46	164	347243	40.00	ng	0.00 84.41%
56) CI60 Phenanthrene-d10	11.21	188	781582	40.00	ng	0.00 89.57%
68) CI70 Chrysene-d12	13.71	240	718403	40.00	ng	0.00 88.11%
78) CI75 Perylene-d12	14.93	264	686546	40.00	ng	0.00 110.82%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	291053	49.13	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 32.75%			
5) CS45 Phenol-d5	5.00	99	306569	40.31	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.87%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	480897	62.93	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 62.93%			
39) CS25 2-Fluorobiphenyl	8.62	172	875042	67.13	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 67.13%			
59) CS55 2,4,6-Tribromophenol	10.45	330	217585	134.32	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 89.55%			
71) CS30 Terphenyl-d14	12.78	244	1099420	67.58	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 67.58%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	2.11	74	161	N.D.
4) C325 bis(2-Chloroethyl)eth	5.13	93	165	N.D.
7) C315 Phenol	5.02	94	1026	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	5.02	93	459	N.D.
10) C335 1,3-Dichlorobenzene	5.39	146	751	N.D.
11) C340 1,4-Dichlorobenzene	5.49	146	271	N.D.
13) C350 1,2-Dichlorobenzene	5.70	146	224	N.D.
14) C345 Benzyl alcohol	5.70	108	181	N.D.
15) C360 bis(2-chloroisopropyl	5.87	45	1091	N.D.
16) C355 2-Methylphenol	5.70	108	181	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D.
18) C370 N-Nitroso-di-n-propyl	6.04	70	186	N.D.
19) C365 4-Methylphenol	5.70	108	181	N.D.
22) C410 Nitrobenzene	6.26	77	183	N.D.
23) C415 Isophorone	6.59	82	438	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D. d

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:10 2008

Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	7.19	93	385	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.21	128	1477	N.D.	
31)	C455 4-Chloroaniline	0.00	127	0	N.D.	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	8.13	142	195	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	8.75	162	161	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D.	
42)	C540 Acenaphthylene	9.29	152	409	N.D.	
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	9.21	165	200	N.D.	
45)	C550 Acenaphthene	9.51	153	552	N.D.	
46)	C545 3-Nitroaniline	8.62	138	462	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	9.73	168	409	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D. d	
51)	C590 Fluorene	10.15	166	195	N.D.	
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	10.06	149	215	N.D.	
54)	C620 1,2 diphenylhydrazine	10.44	77	1637	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.24	178	2900	N.D.	
64)	C645 Anthracene	11.24	178	2900	N.D.	
65)	C647 carbazole	12.18	167	246	N.D.	
66)	C650 Di-n-butylphthalate	11.84	149	7661	0.34 ng	97
67)	C655 Fluoranthene	12.42	202	1176	N.D.	
69)	C715 Pyrene	12.63	202	558	N.D.	
70)	C710 benzidine	12.57	184	314	N.D.	
72)	C720 Butylbenzylphthalate	13.21	149	16082	1.56 ng	80
73)	C725 3,3'-Dichlorobenzidin	13.68	252	894	N.D.	
74)	C730 Benzo[a]anthracene	13.71	228	3227	N.D.	
75)	C735 Chrysene	13.73	228	12867m	0.59 ng	90
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	13253	0.93 ng	87
77)	C760 Di-n-octylphthalate	14.23	149	4460	N.D.	
79)	C765 Benzo[b]fluoranthene	14.61	252	3010	N.D.	
80)	C770 Benzo[k]fluoranthene	14.61	252	3010	N.D.	
81)	C775 Benzo[a]pyrene	14.88	252	2554	N.D.	
82)	C780 Indeno[1,2,3-cd]pyren	15.99	276	2064	N.D.	
83)	C785 Dibenz[a,h]anthracene	15.99	278	1714	N.D.	
84)	C790 Benzo[g,h,i]perylene	16.30	276	1796	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:46 2008

Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\l...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	157197	40.00 ng	0.00 99.34%
4) CI40 Naphthalene-d8	7.19	136	596699	40.00 ng	0.00 106.78%
7) CI50 Acenaphthene-d10	9.46	164	347243	40.00 ng	0.00 107.68%
10) CI60 Phenanthrene-d10	11.21	188	781582	40.00 ng	0.00 123.27%
12) CI70 Chrysene-d12	13.71	240	718403	40.00 ng	0.00 105.86%
13) CI75 Perylene-d12	14.93	264	686546	40.00 ng	0.00 126.41%
Target Compounds					Qvalue
2) E600 Benzaldehyde	4.87	77	592	N.D.	
3) E145 Acetophenone	6.02	105	167	N.D.	
5) E655 Caprolactam	8.19	113	181	3.29 ng	# 28
6) E195 1,2,4,5-Tetrachlorob	8.35	216	176	N.D.	
8) C811 1,1'-Biphenyl	8.74	154	2180	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	11.65	200	163	N.D.	

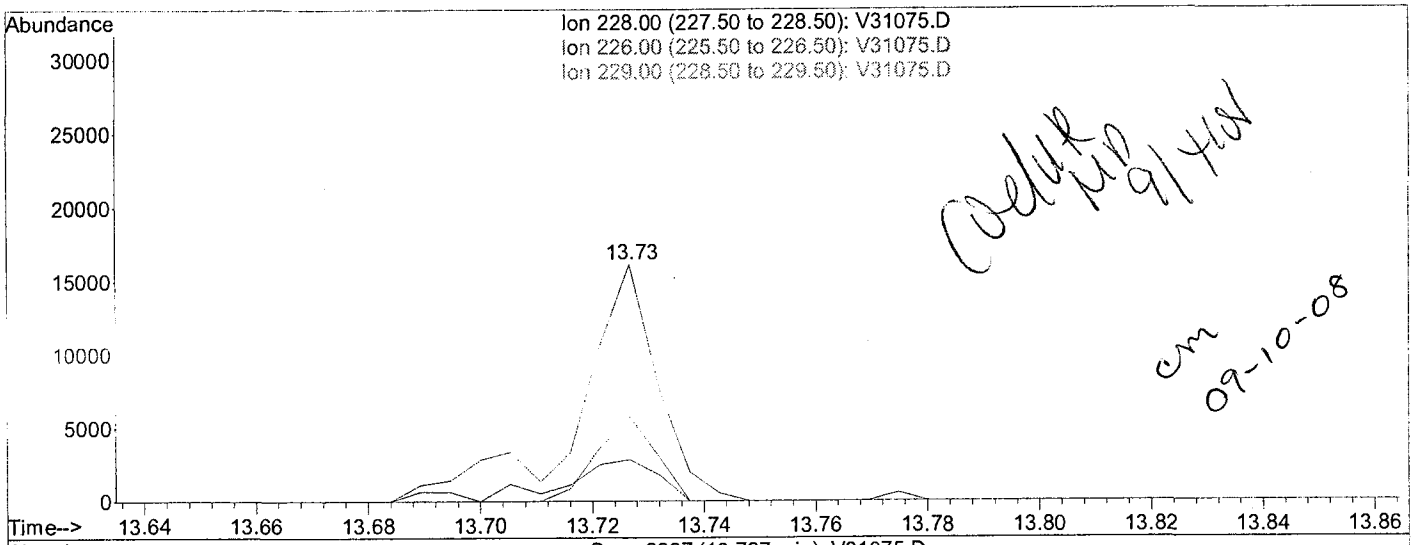
(#) = qualifier out of range (m) = manual integration

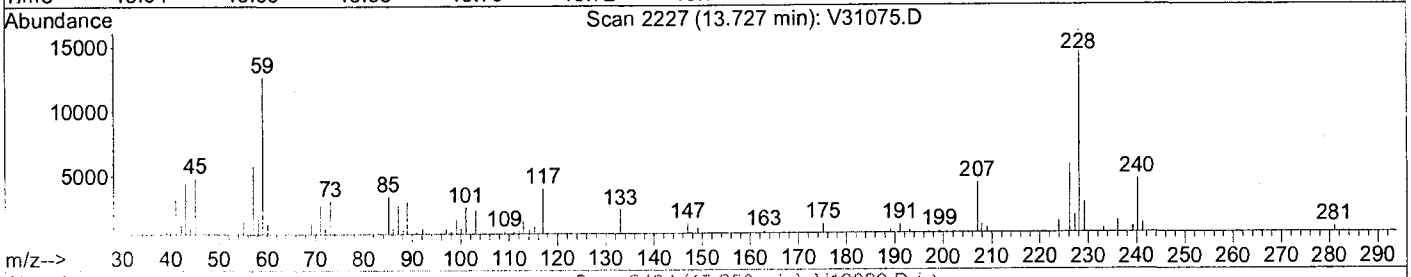
Quantitation Report (Qedit)

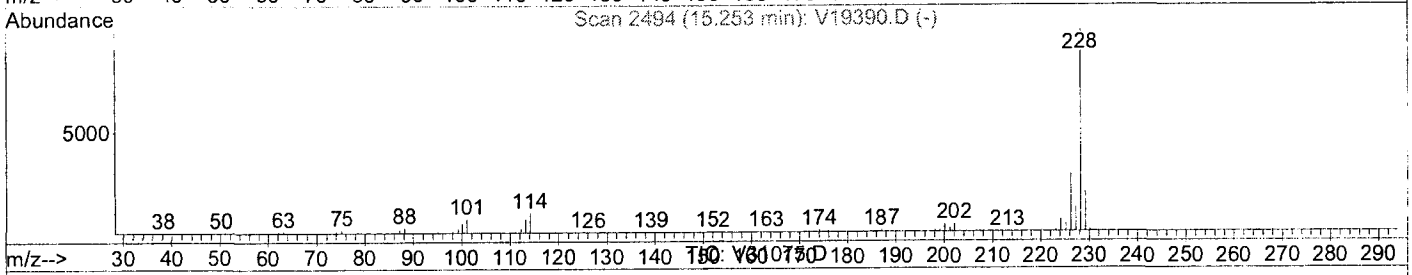
Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:42 2008

Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.73min 0.73ng

response 16094

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	35.62
229.00	19.20	17.62
0.00	0.00	0.00

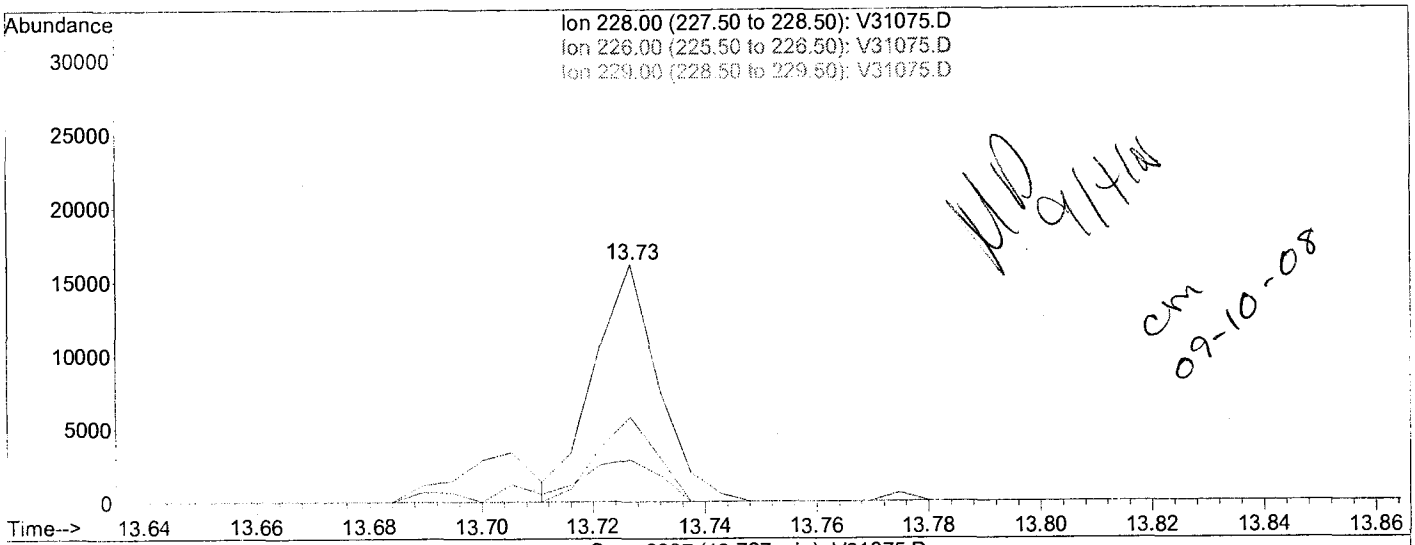
Quantitation Report (Qedit)

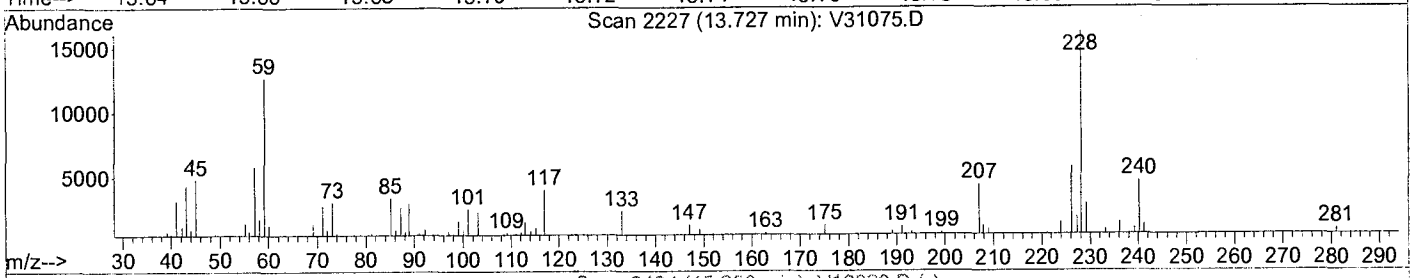
Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:43 2008

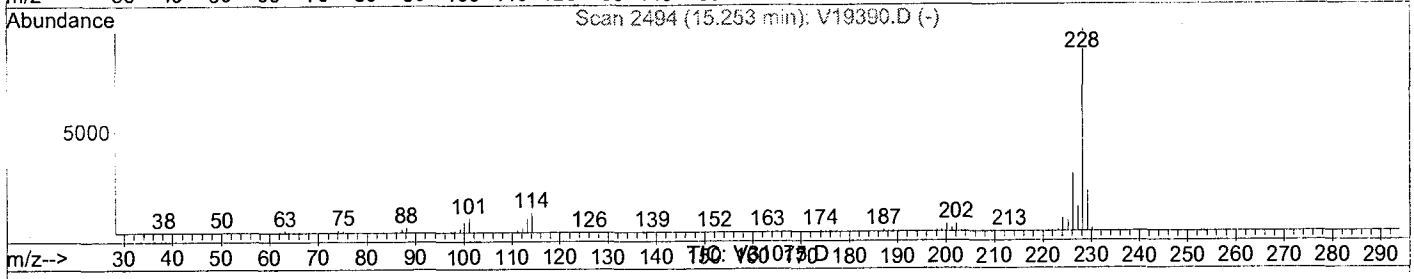
Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration







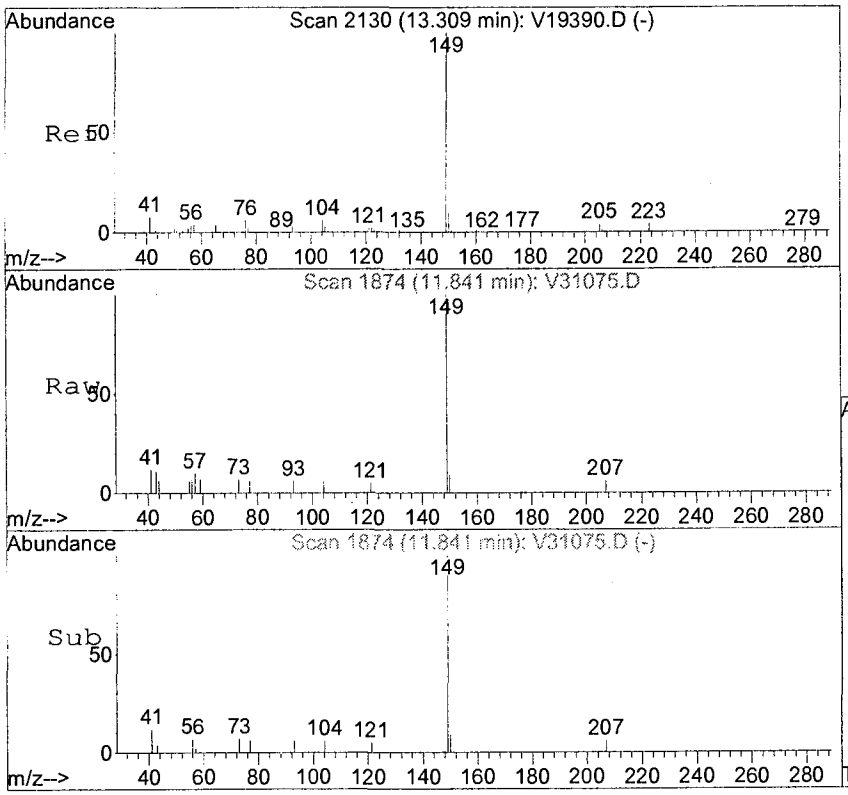
(75) C735 Chrysene (T)

13.73min 0.59ng m

response 12867

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	35.62
229.00	19.20	17.62
0.00	0.00	0.00

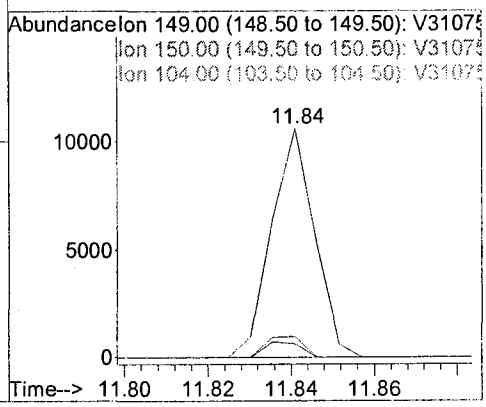
09-10-08

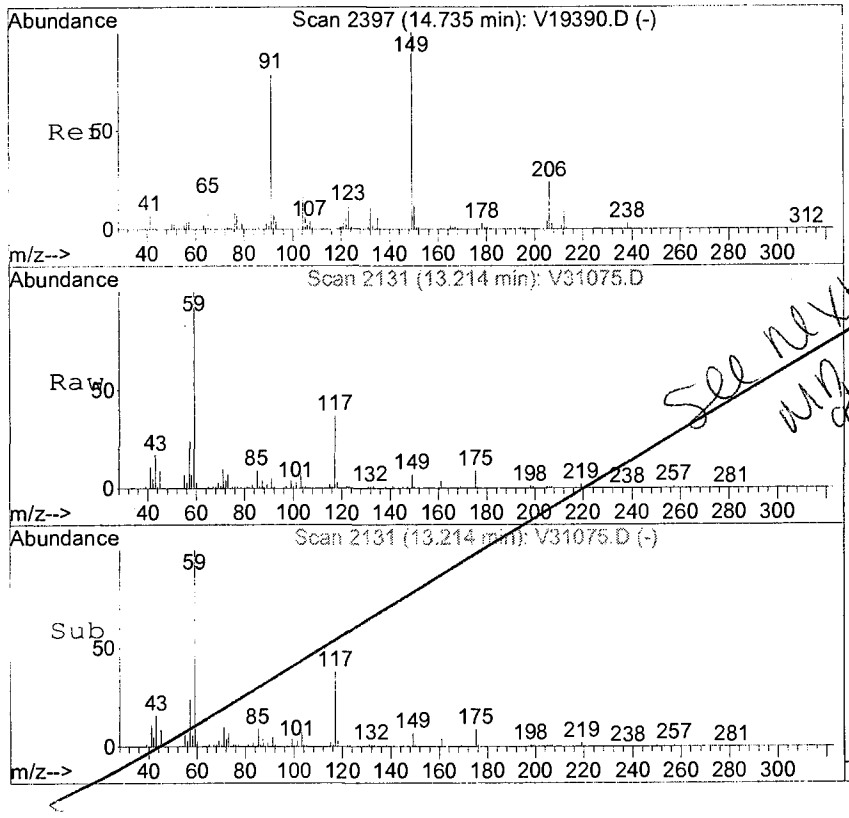


#66
C650 Di-n-butylphthalate
Concen: 0.34 ng
RT: 11.84 min Scan# 1874
Delta R.T. 0.00 min
Lab File: V31075.D
Acq: 4 Sep 2008 4:04

Tgt Ion:149 Resp: 7661

Ion	Ratio	Lower	Upper
149	100		
150	9.1	0.0	28.3
104	5.9	0.0	24.7

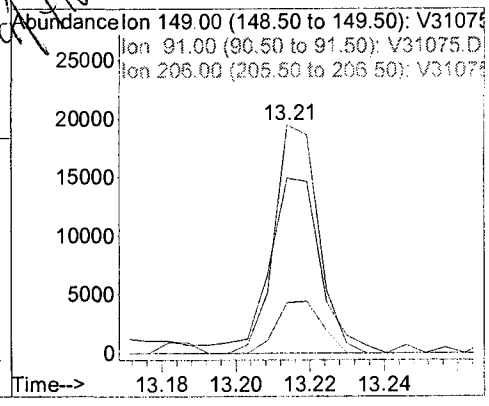




#72
C720 Butylbenzylphthalate
Concen: 1.56 ng
RT: 13.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: V31075.D
Acq: 4 Sep 2008 4:04

Tgt Ion:149 Resp: 16082

Ion	Ratio	Lower	Upper
149	100		
91	76.6	38.2	78.2
206	22.1	0.0	39.3



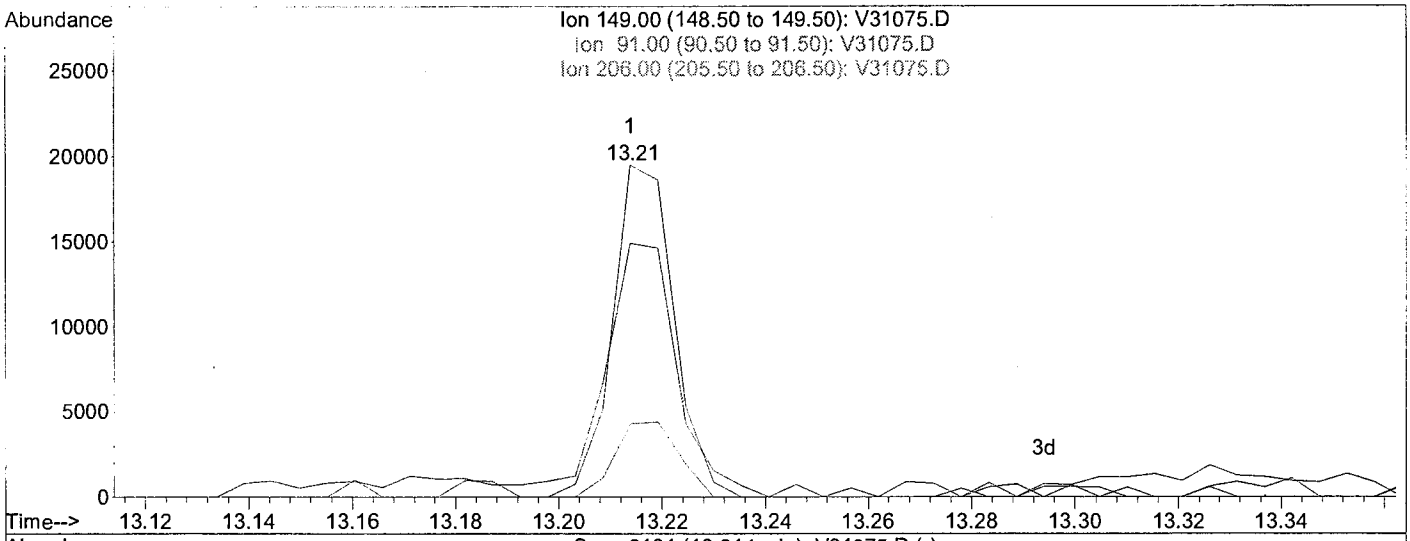
See next page with #10

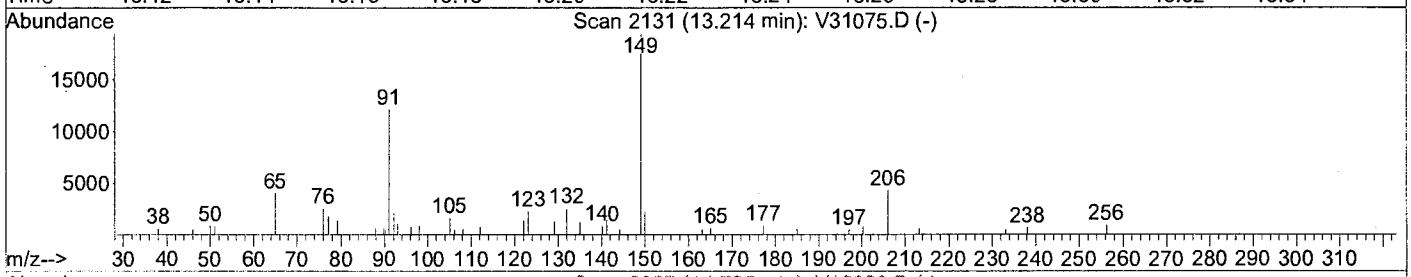
Quantitation Report (Qedit)

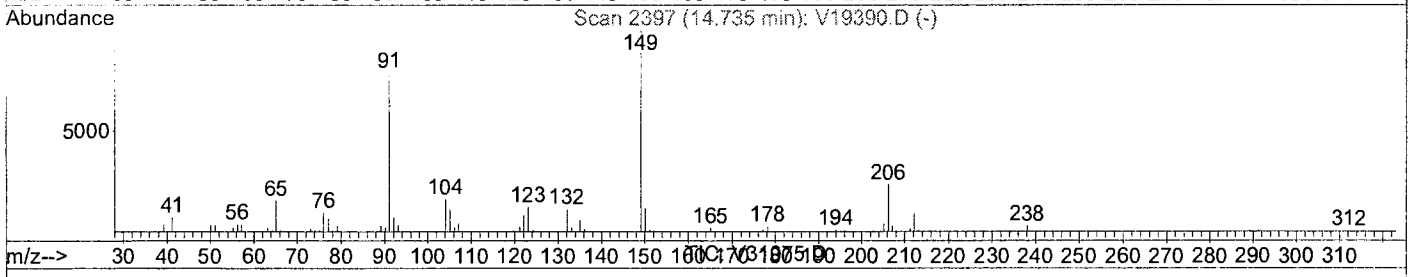
Data File : D:\DATA\090308\V31075.D
Acq On : 4 Sep 2008 4:04
Sample : SBLK49 AW80015622
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 10:43 2008

Vial: 22
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 09:53:05 2008
Response via : Multiple Level Calibration





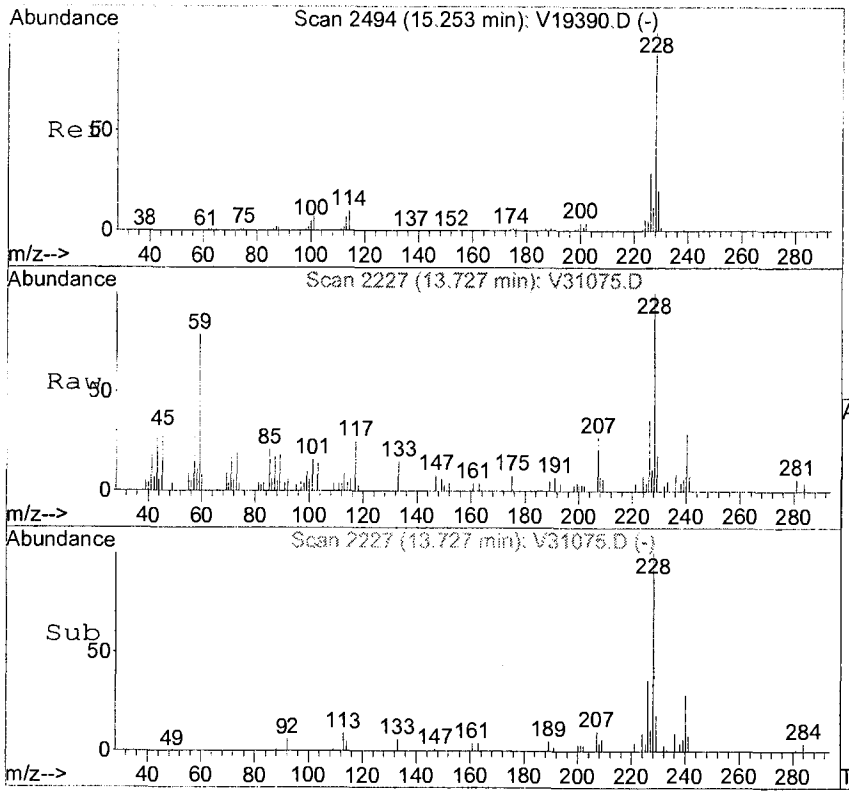


(72) C720 Butylbenzylphthalate (T)

13.21min 1.56ng

response 16082

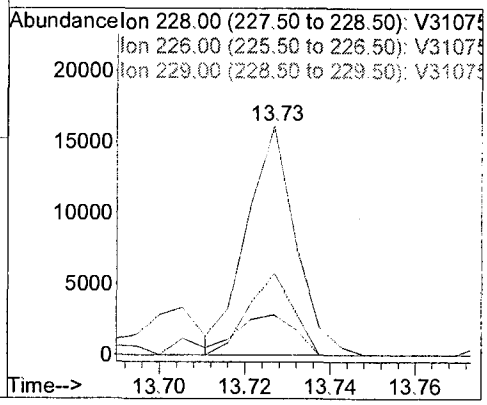
Ion	Exp%	Act%
149.00	100	100
91.00	58.20	76.61
206.00	19.30	22.06
0.00	0.00	0.00

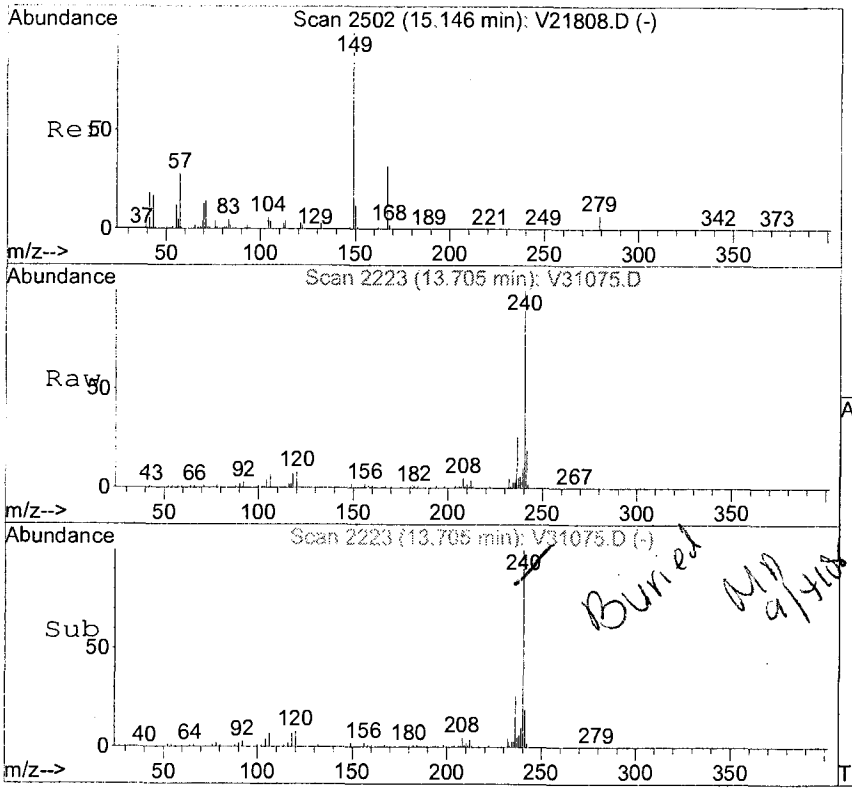


#75
C735 Chrysene
Concen: 0.59 ng m
RT: 13.73 min Scan# 2227
Delta R.T. 0.00 min
Lab File: V31075.D
Acq: 4 Sep 2008 4:04

Tgt Ion:228 Resp: 12867

Ion	Ratio	Lower	Upper
228	100		
226	35.6	7.8	47.8
229	17.6	0.0	39.2

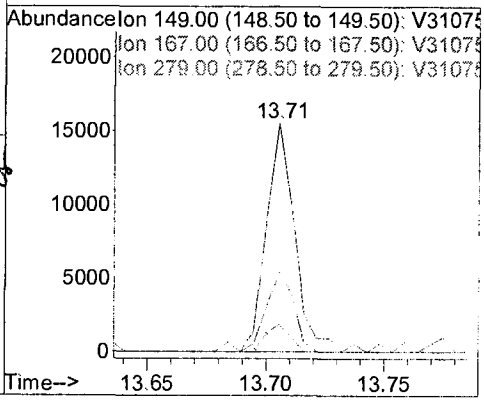


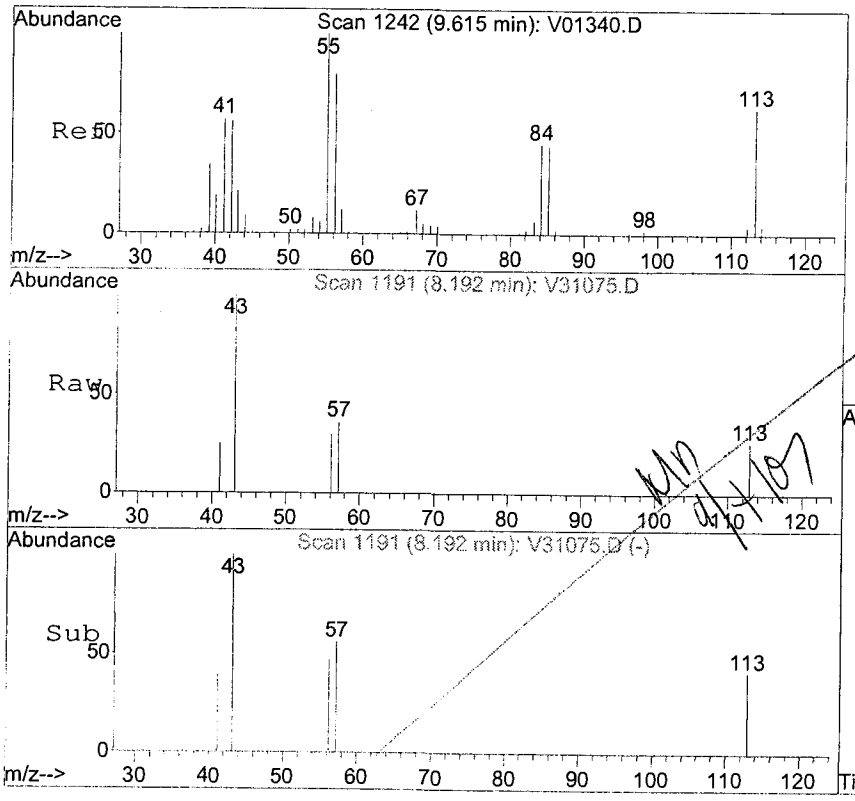


#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.93 ng
RT: 13.71 min Scan# 2223
Delta R.T. 0.00 min
Lab File: V31075.D
Acq: 4 Sep 2008 4:04

Tgt Ion:149 Resp: 13253

Ion	Ratio	Lower	Upper
149	100		
167	34.9	8.3	48.3
279	11.9	0.0	26.1

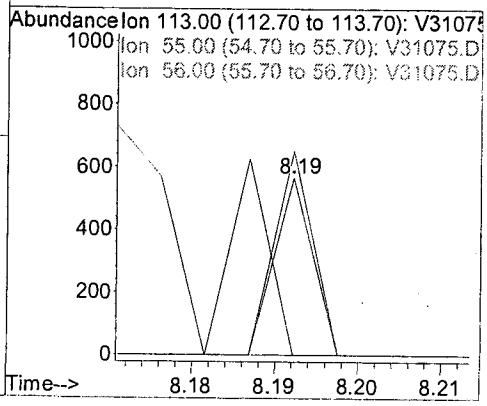




#5
E655 Caprolactam
Concen: 3.29 ng
RT: 8.19 min Scan# 1191
Delta R.T. 0.43 min
Lab File: V31075.D
Acq: 4 Sep 2008 4:04

Tgt Ion:113 Resp: 181

Ion	Ratio	Lower	Upper
113	100		
55	0.0	127.3	167.3#
56	115.2	86.0	126.0



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157503

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31097.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	2	J
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157503

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31097.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	0.2	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157503

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31097.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

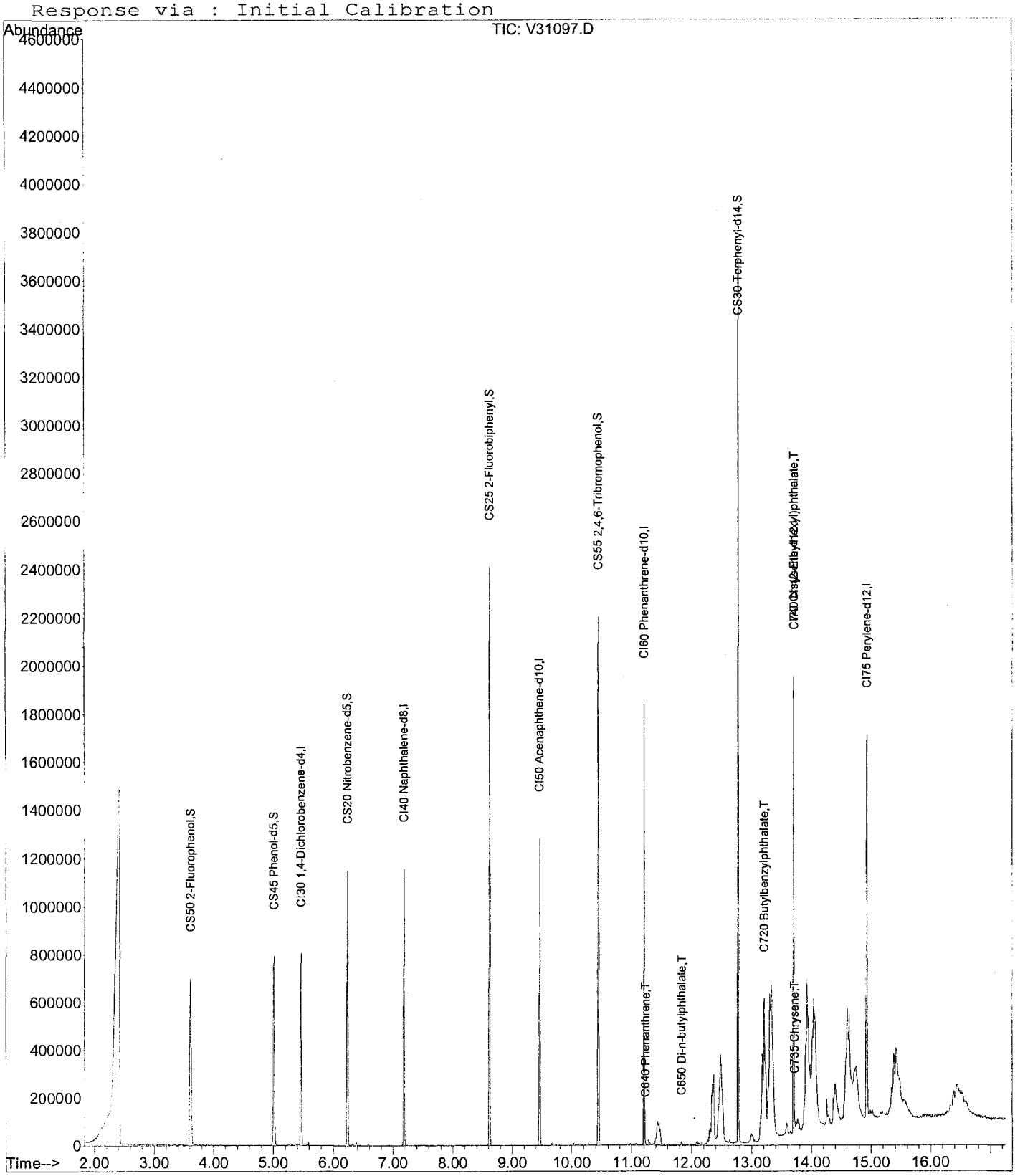
Quantitation Report (QT Reviewed)

Data File : D:\DATA\090408\V31097.D
Acq On : 4 Sep 2008 14:09
Sample : SBLK50 AW80015763
Misc : 08-A465/75/52
MS Integration Params: RTEINT.P
Quant Time: Sep 5 9:25 2008

Vial: 13
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 00:18:04 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31097.D
Acq On : 4 Sep 2008 14:09
Sample : SBLK50 AW80015763
Misc : 08-A465/75/52
MS Integration Params: RTEINT.P
Quant Time: Sep 04 22:30:54 2008

Vial: 13
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31085.D (4 Sep 2008 9:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	127516	40.00	ng	0.00 83.86%
20) CI40 Naphthalene-d8	7.18	136	471701	40.00	ng	0.00 83.80%
35) CI50 Acenaphthene-d10	9.46	164	280232	40.00	ng	0.00 84.32%
56) CI60 Phenanthrene-d10	11.21	188	606926	40.00	ng	0.00 85.39%
68) CI70 Chrysene-d12	13.70	240	623479	40.00	ng	0.00 85.64%
78) CI75 Perylene-d12	14.93	264	571863	40.00	ng	0.00 95.34%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	278499	57.95	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 38.63%			
5) CS45 Phenol-d5	5.01	99	301926	48.94	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 32.63%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.23	82	405470	67.11	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.11%			
39) CS25 2-Fluorobiphenyl	8.61	172	692051	65.79	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 65.79%			
59) CS55 2,4,6-Tribromophenol	10.44	330	196929	156.55	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 104.37%			
71) CS30 Terphenyl-d14	12.77	244	1021489	72.35	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 72.35%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	2.12	74	187	N.D.
4) C325 bis(2-Chloroethyl)eth	5.02	93	173	N.D.
7) C315 Phenol	5.02	94	344	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	5.02	93	173	N.D.
10) C335 1,3-Dichlorobenzene	5.38	146	594	N.D.
11) C340 1,4-Dichlorobenzene	5.49	146	690	N.D.
13) C350 1,2-Dichlorobenzene	5.69	146	433	N.D.
14) C345 Benzyl alcohol	5.70	108	226	N.D.
15) C360 bis(2-chloroisopropyl	5.86	45	169	N.D.
16) C355 2-Methylphenol	5.70	108	226	N.D.
17) C375 Hexachloroethane	6.15	117	178	N.D.
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.
19) C365 4-Methylphenol	5.70	108	226	N.D.
22) C410 Nitrobenzene	0.00	77	0	N.D. d
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31097.D
Acq On : 4 Sep 2008 14:09
Sample : SBLK50 AW80015763
Misc : 08-A465/75/52
MS Integration Params: RTEINT.P
Quant Time: Sep 04 22:30:54 2008

Vial: 13
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

MD 9/5/08

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	7.19	93	213	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	7.12	180	196	N.D.	
30)	C450 Naphthalene	7.21	128	1376	N.D.	
31)	C455 4-Chloroaniline	0.00	127	0	N.D.	
32)	C460 Hexachlorobutadiene	7.39	225	534	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	8.12	142	286	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D.	
42)	C540 Acenaphthylene	0.00	152	0	N.D.	
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	9.50	153	194	N.D.	
46)	C545 3-Nitroaniline	8.61	138	383	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	9.73	168	619	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D.	
51)	C590 Fluorene	10.15	166	185	N.D.	
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	0.00	149	0	N.D.	
54)	C620 1,2 diphenylhydrazine	10.35	77	164	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D.	
63)	C640 Phenanthrene	11.23	178	3264	0.22 ng	79
64)	C645 Anthracene	0.00	178	0	N.D. d	
65)	C647 carbazole	11.47	167	166	N.D.	
66)	C650 Di-n-butylphthalate	11.84	149	5814	0.33 ng	93
67)	C655 Fluoranthene	12.41	202	1253	N.D.	
69)	C715 Pyrene	12.62	202	943	N.D.	
70)	C710 benzidine	12.55	184	171	N.D.	
72)	C720 Butylbenzylphthalate	13.21	149	17970	2.01 ng	80
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.	
74)	C730 Benzo[a]anthracene	13.69	228	2613	N.D.	
75)	C735 Chrysene	13.72	228	10839	0.57 ng	92
76)	C740 bis(2-Ethylhexyl)phth	13.70	149	10534	0.85 ng	85
77)	C760 Di-n-octylphthalate	14.23	149	3538	N.D.	
79)	C765 Benzo[b]fluoranthene	14.59	252	2455	N.D.	
80)	C770 Benzo[k]fluoranthene	14.59	252	2455	N.D.	
81)	C775 Benzo[a]pyrene	14.88	252	1087	N.D.	
82)	C780 Indeno[1,2,3-cd]pyren	15.99	276	1414	N.D.	
83)	C785 Dibenz[a,h]anthracene	15.99	278	998	N.D.	
84)	C790 Benzo[g,h,i]perylene	16.31	276	160	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31097.D
Acq On : 4 Sep 2008 14:09
Sample : SBLK50 AW80015763
Misc : 08-A465/75/52
MS Integration Params: rteint.p
Quant Time: Sep 05 10:24:15 2008

Vial: 13
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: TCLADDS-0562.RES

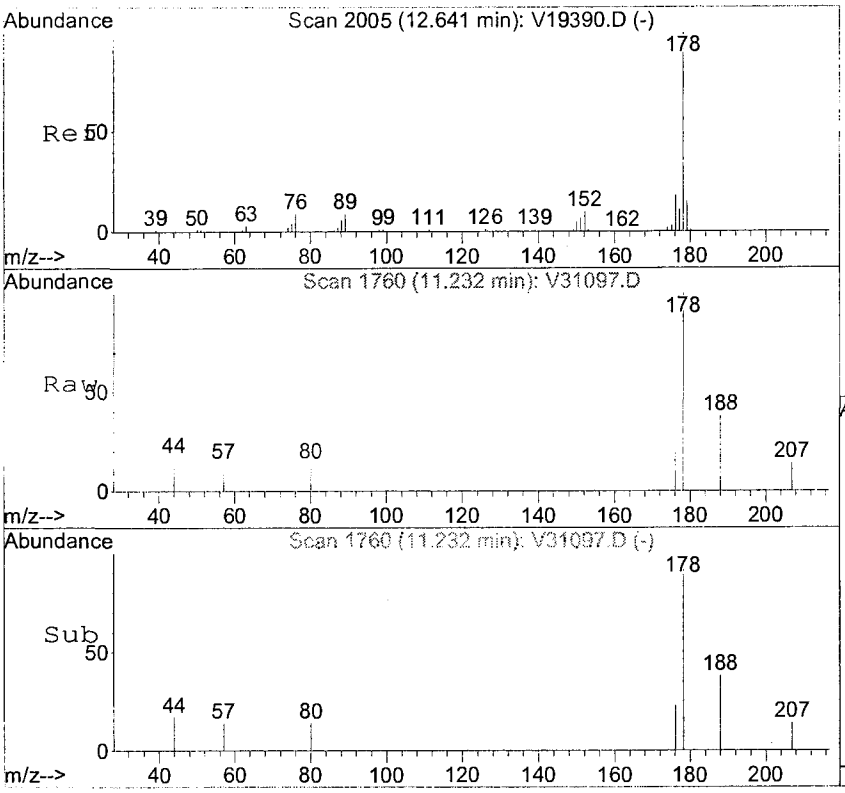
Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	127516	40.00	ng	0.01 80.59%
4) CI40 Naphthalene-d8	7.18	136	471701	40.00	ng	0.00 84.41%
7) CI50 Acenaphthene-d10	9.46	164	280232	40.00	ng	0.00 86.90%
10) CI60 Phenanthrene-d10	11.21	188	606926	40.00	ng	0.00 95.72%
12) CI70 Chrysene-d12	13.70	240	623479	40.00	ng	0.01 91.87%
13) CI75 Perylene-d12	14.93	264	571863	40.00	ng	0.01 105.29%

Target Compounds				Qvalue
2) E600 Benzaldehyde	5.02	77	333	N.D.
3) E145 Acetophenone	5.54	105	193	N.D.
5) E655 Caprolactam	0.00	113	0	N.D.
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.
8) C811 1,1'-Biphenyl	8.74	154	1266	N.D.
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.
11) E510 Atrazine	0.00	200	0	N.D.

9/26/08

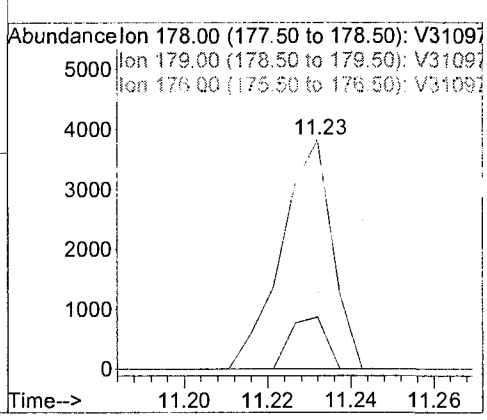
(#) = qualifier out of range (m) = manual integration

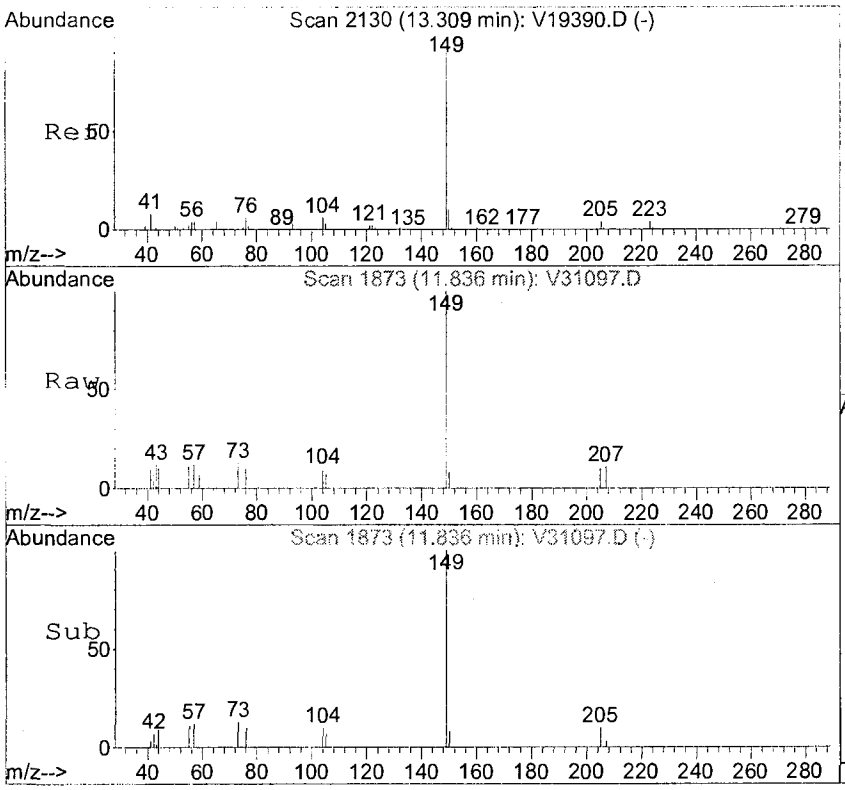


#63
C640 Phenanthrene
Concen: 0.22 ng
RT: 11.23 min Scan# 1760
Delta R.T. -0.00 min
Lab File: V31097.D
Acq: 4 Sep 2008 14:09

Tgt Ion:178 Resp: 3264

Ion	Ratio	Lower	Upper
178	100		
179	0.0	0.0	34.2
176	22.7	0.0	38.0

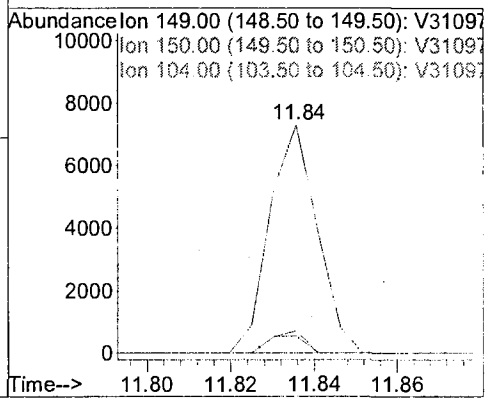


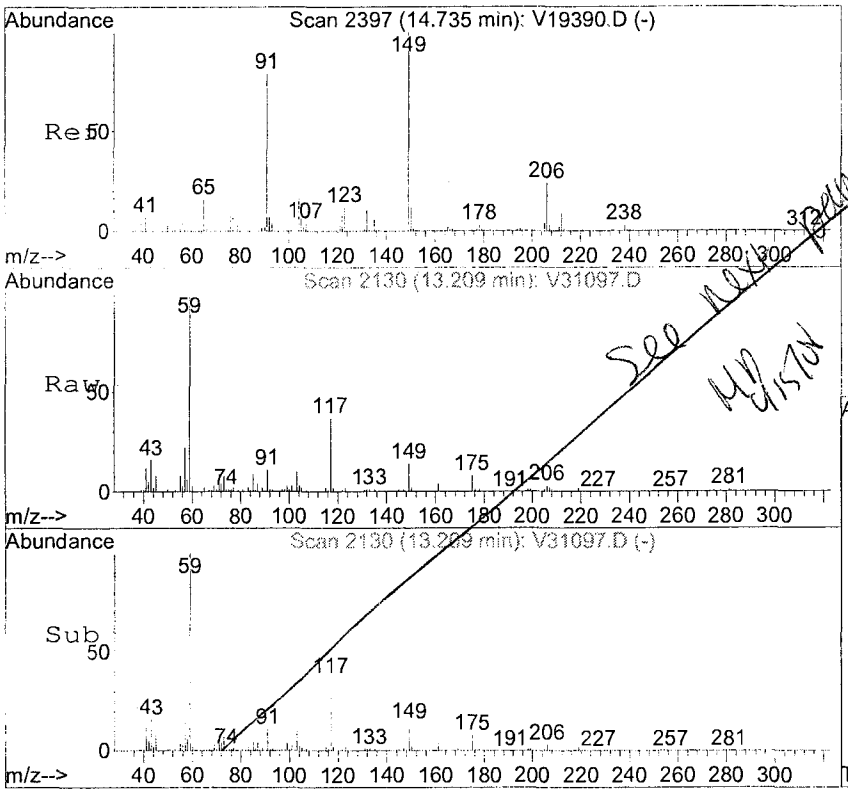


#66
C650 Di-n-butylphthalate
Concen: 0.33 ng
RT: 11.84 min Scan# 1873
Delta R.T. -0.00 min
Lab File: V31097.D
Acq: 4 Sep 2008 14:09

Tgt Ion:149 Resp: 5814

Ion	Ratio	Lower	Upper
149	100		
150	7.5	0.0	28.3
104	9.6	0.0	24.7

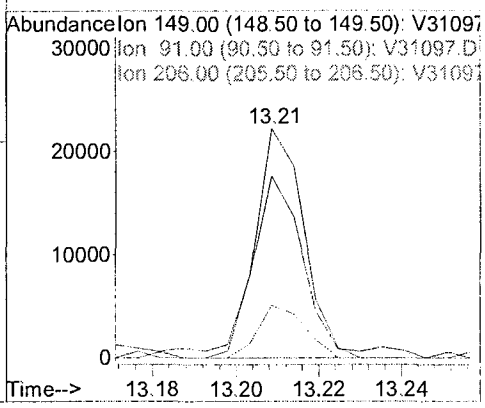


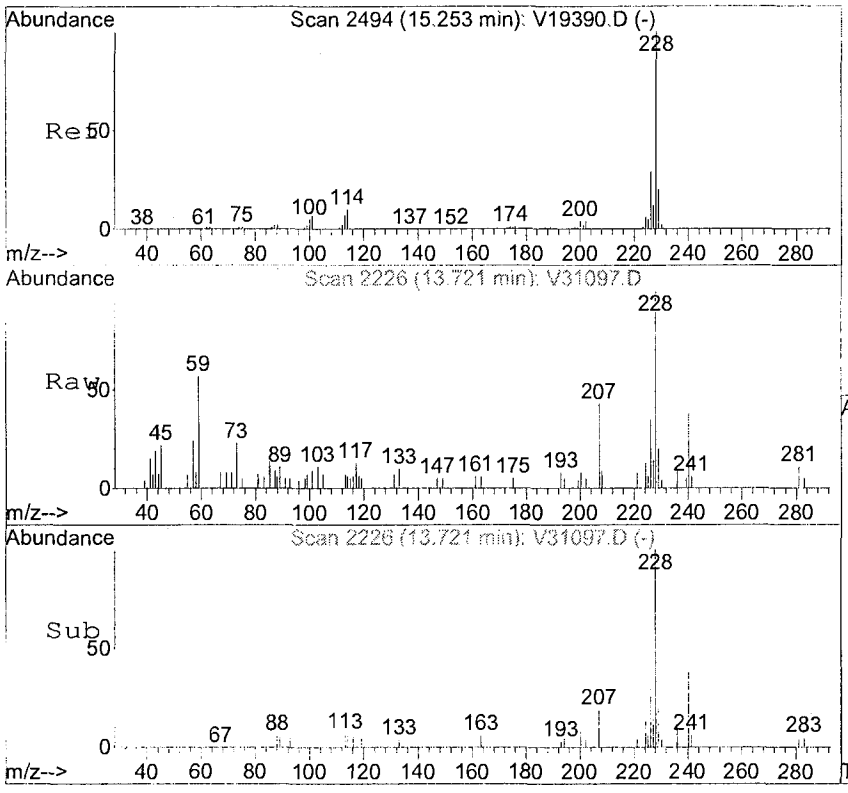


#72
C720 Butylbenzylphthalate
Concen: 2.01 ng
RT: 13.21 min Scan# 2130
Delta R.T. -0.01 min
Lab File: V31097.D
Acq: 4 Sep 2008 14:09

Tgt Ion:149 Resp: 17970

Ion	Ratio	Lower	Upper
149	100		
91	76.3	38.2	78.2
206	23.0	0.0	39.3

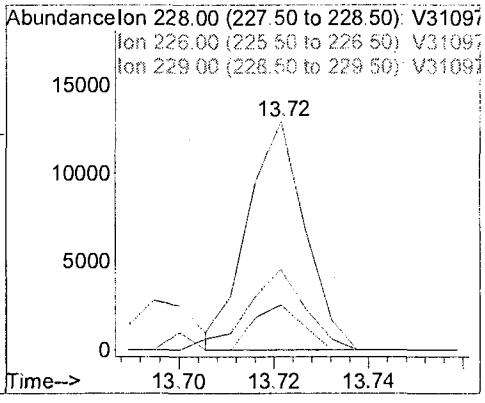




#75
C735 Chrysene
Concen: 0.57 ng
RT: 13.72 min Scan# 2226
Delta R.T. -0.00 min
Lab File: V31097.D
Acq: 4 Sep 2008 14:09

Tgt Ion:228 Resp: 10839

Ion	Ratio	Lower	Upper
228	100		
226	34.9	7.8	47.8
229	19.5	0.0	39.2

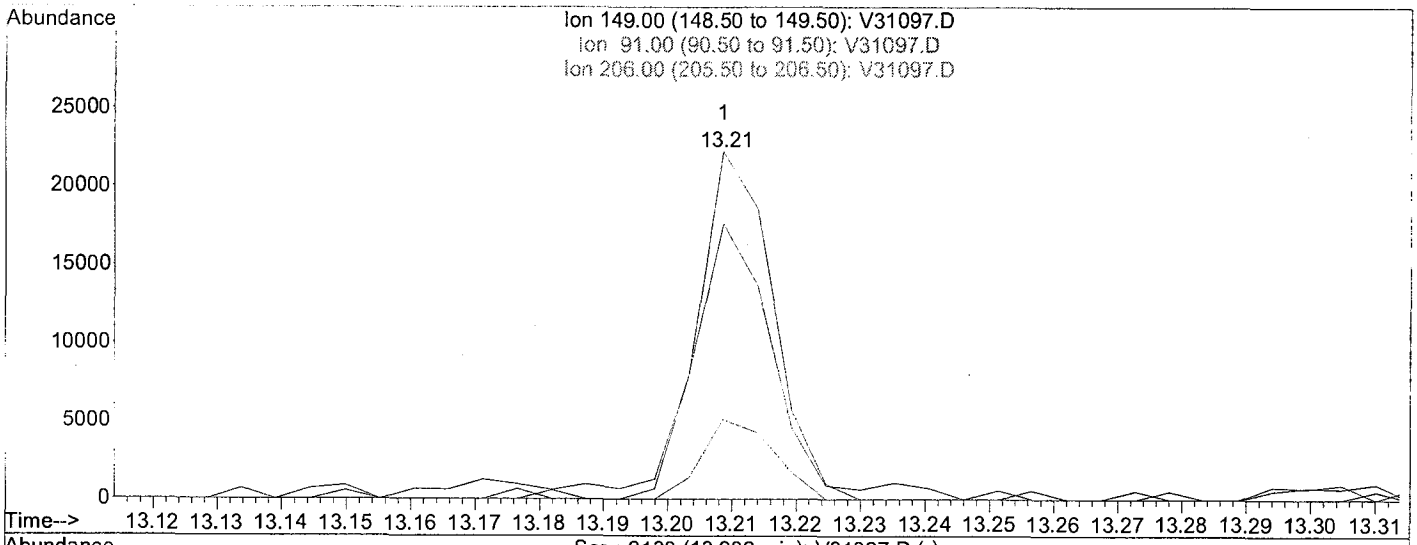


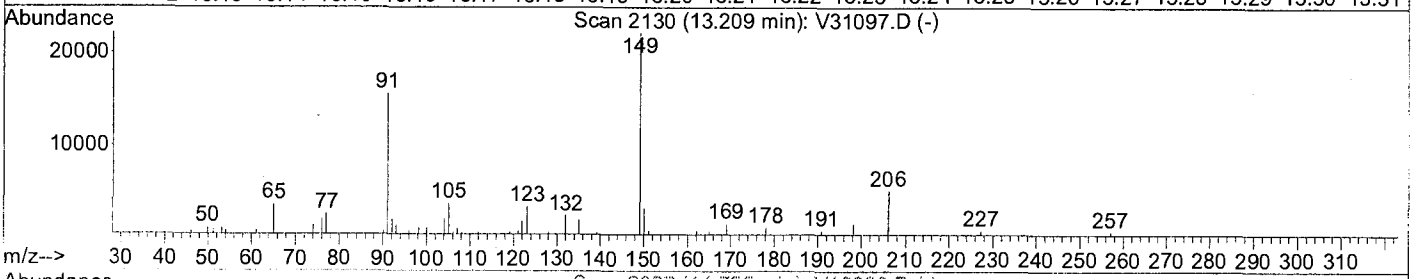
Quantitation Report (Qedit)

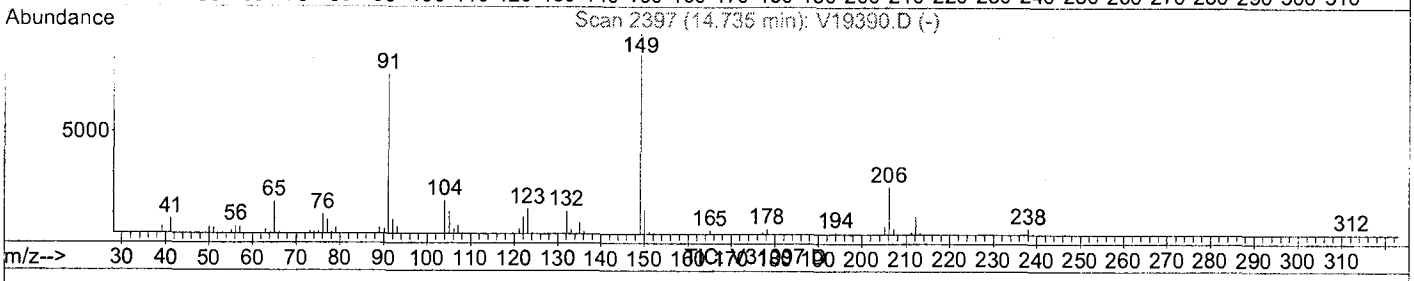
Data File : D:\DATA\090408\V31097.D
Acq On : 4 Sep 2008 14:09
Sample : SBLK50 AW80015763
Misc : 08-A465/75/52
MS Integration Params: RTEINT.P
Quant Time: Sep 5 9:25 2008

Vial: 13
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 00:18:04 2008
Response via : Multiple Level Calibration





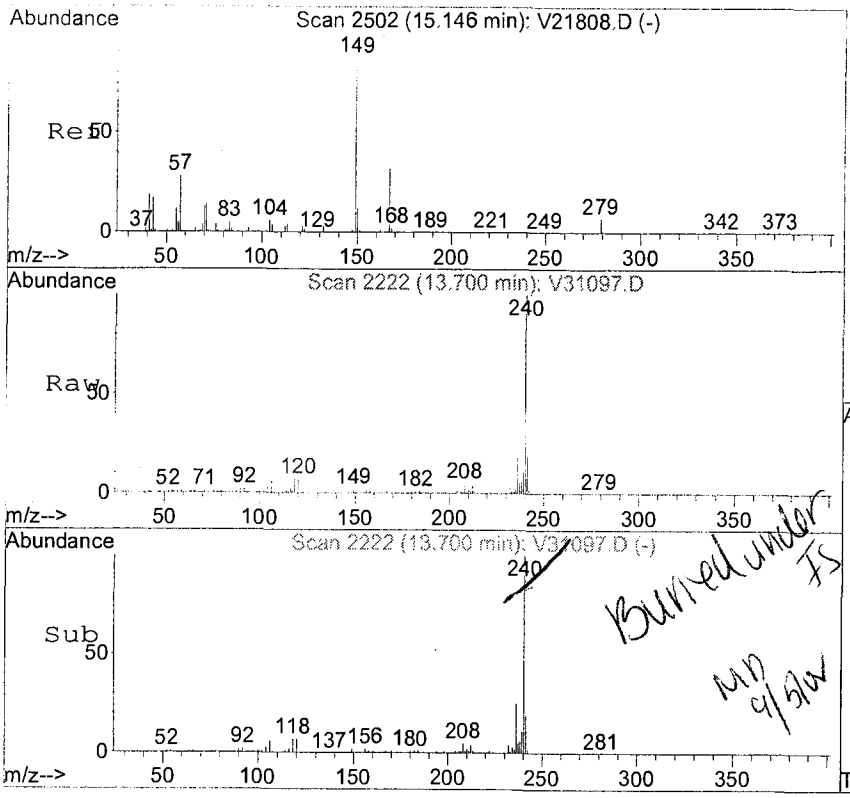


(72) C720 Butylbenzylphthalate (T)

13.21min 2.01ng

response 17970

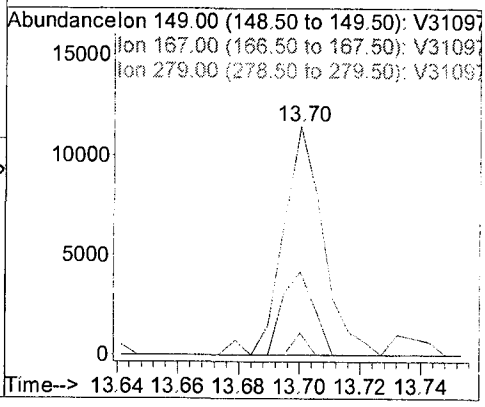
Ion	Exp%	Act%
149.00	100	100
91.00	58.20	76.31
206.00	19.30	22.99
0.00	0.00	0.00



#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.85 ng
RT: 13.70 min Scan# 2222
Delta R.T. -0.00 min
Lab File: V31097.D
Acq: 4 Sep 2008 14:09

Tgt Ion:149 Resp: 10534

Ion	Ratio	Lower	Upper
149	100		
167	36.5	8.3	48.3
279	9.8	0.0	26.1



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171802

Sample wt/vol: 30.32 (g/mL) G Lab File ID: V31145.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	330	U
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	330	U
50-32-8	Benzo(a)pyrene	330	U
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	330	U
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	330	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	330	U
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	18	J
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171802

Sample wt/vol: 30.32 (g/mL) G Lab File ID: V31145.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	330	U
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	330	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	330	U
108-95-2	Phenol	330	U
129-00-0	Pyrene	330	U
95-95-4	2,4,5-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171802

Sample wt/vol: 30.32 (g/mL) G Lab File ID: V31145.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

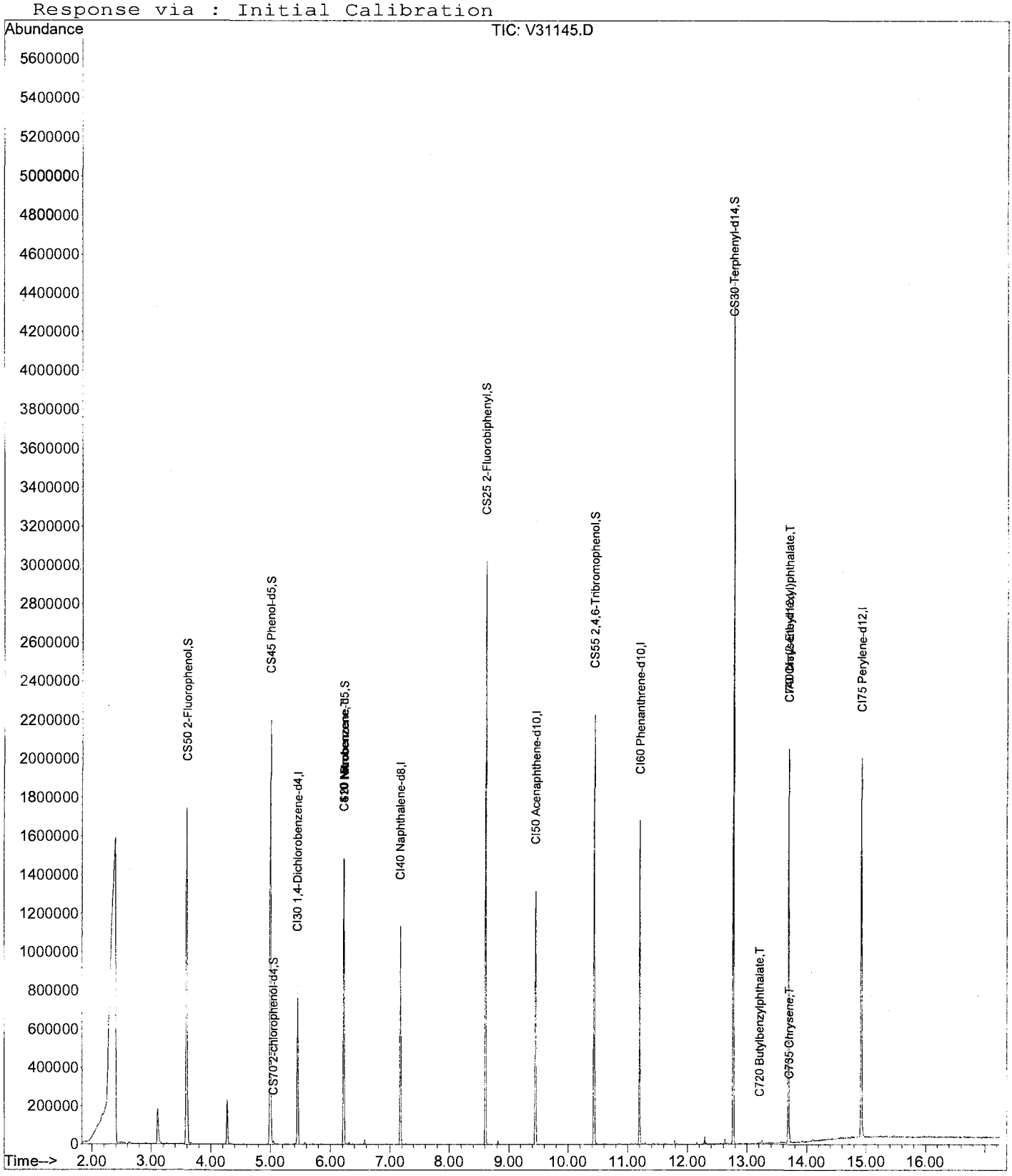
GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

Data File : D:\DATA\090408\V31145.D
Acq On : 5 Sep 2008 9:20
Sample : SBLK52 AS80011328
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:49 2008

Vial: 25
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration



Quantitation Report **1756/3648**

Data File : D:\DATA\090408\V31145.D Vial: 25
Acq On : 5 Sep 2008 9:20 Operator: JLG
Sample : SBLK52 AS80011328 Inst : HP5973V
Misc : 8-A656, A613, A629, A713 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 05 15:49:43 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	131386	40.00	ng	0.00 94.26%
20) CI40 Naphthalene-d8	7.17	136	485483	40.00	ng	0.00 94.40%
35) CI50 Acenaphthene-d10	9.45	164	280262	40.00	ng	0.00 94.21%
56) CI60 Phenanthrene-d10	11.20	188	621530	40.00	ng	0.00 98.51%
68) CI70 Chrysene-d12	13.69	240	662379	40.00	ng	0.00 103.83%
78) CI75 Perylene-d12	14.92	264	717895	40.00	ng	0.00 134.76%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.60	112	607354	122.66	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 81.77%			
5) CS45 Phenol-d5	5.00	99	848636	133.51	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 89.01%			
6) CS70 2-chlorophenol-d4	5.06	132	1124	0.25	ng	-0.09
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.17%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.22	82	552160	88.80	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 88.80%			
39) CS25 2-Fluorobiphenyl	8.61	172	938344	89.19	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 89.19%			
59) CS55 2,4,6-Tribromophenol	10.44	330	210002	163.02	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 108.68%			
71) CS30 Terphenyl-d14	12.77	244	1222288	81.48	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 81.48%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.	
7) C315 Phenol	5.01	94	532	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	5.48	146	173	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.	
16) C355 2-Methylphenol	5.45	108	581	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	6.22	77	1905	0.28 ng #	27
23) C415 Isophorone	6.40	82	193	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report **1757/3648**

Data File : D:\DATA\090408\V31145.D Vial: 25
Acq On : 5 Sep 2008 9:20 Operator: JLG
Sample : SBLK52 AS80011328 Inst : HP5973V
Misc : 8-A656, A613, A629, A713 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 05 15:49:43 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	7.11	180	403	N.D.		
30)	C450 Naphthalene	7.20	128	463	N.D.		
31)	C455 4-Chloroaniline	0.00	127	0	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	9.29	152	571	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45)	C550 Acenaphthene	0.00	153	0	N.D.		
46)	C545 3-Nitroaniline	8.61	138	388	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	0.00	168	0	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	0.00	149	0	N.D.		
54)	C620 1,2 diphenylhydrazine	10.43	77	1902	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	11.22	178	1980	N.D.		
64)	C645 Anthracene	11.22	178	1980	N.D.		
65)	C647 carbazole	12.17	167	779	N.D.		
66)	C650 Di-n-butylphthalate	11.83	149	1760	N.D.		
67)	C655 Fluoranthene	12.41	202	713	N.D.		
69)	C715 Pyrene	12.62	202	400	N.D.		
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.21	149	2148	0.23 ng	#	71
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	0.00	228	0	N.D.		
75)	C735 Chrysene	13.71	228	~~12991~~ 11009	~~0.64 ng~~ 0.54ng		93
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	7251	0.55 ng	#	65
77)	C760 Di-n-octylphthalate	14.22	149	887	N.D.		
79)	C765 Benzo[b]fluoranthene	14.58	252	669	N.D.		
80)	C770 Benzo[k]fluoranthene	14.60	252	632	N.D.		
81)	C775 Benzo[a]pyrene	14.87	252	642	N.D.		
82)	C780 Indeno[1,2,3-cd]pyren	15.97	276	648	N.D.		
83)	C785 Dibenz[a,h]anthracene	15.98	278	412	N.D.		
84)	C790 Benzo[g,h,i]perylene	16.26	276	677	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report **1758/3648**

Data File : D:\DATA\090408\V31145.D
Acq On : 5 Sep 2008 9:20
Sample : SBLK52 AS80011328
Misc : 8-A656, A613, A629, A713
MS Integration Params: rteint.p
Quant Time: Sep 08 09:45:49 2008

Vial: 25
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	131386	40.00 ng	0.00 83.03%
4) CI40 Naphthalene-d8	7.17	136	485483	40.00 ng	0.00 86.88%
7) CI50 Acenaphthene-d10	9.45	164	280262	40.00 ng	0.00 86.91%
10) CI60 Phenanthrene-d10	11.20	188	621530	40.00 ng	0.00 98.02%
12) CI70 Chrysene-d12	13.69	240	662379	40.00 ng	0.00 97.60%
13) CI75 Perylene-d12	14.92	264	717895	40.00 ng	0.00 132.18%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.00	77	1495	0.30 ng	# 1
3) E145 Acetophenone	0.00	105	0	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.73	154	1042	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

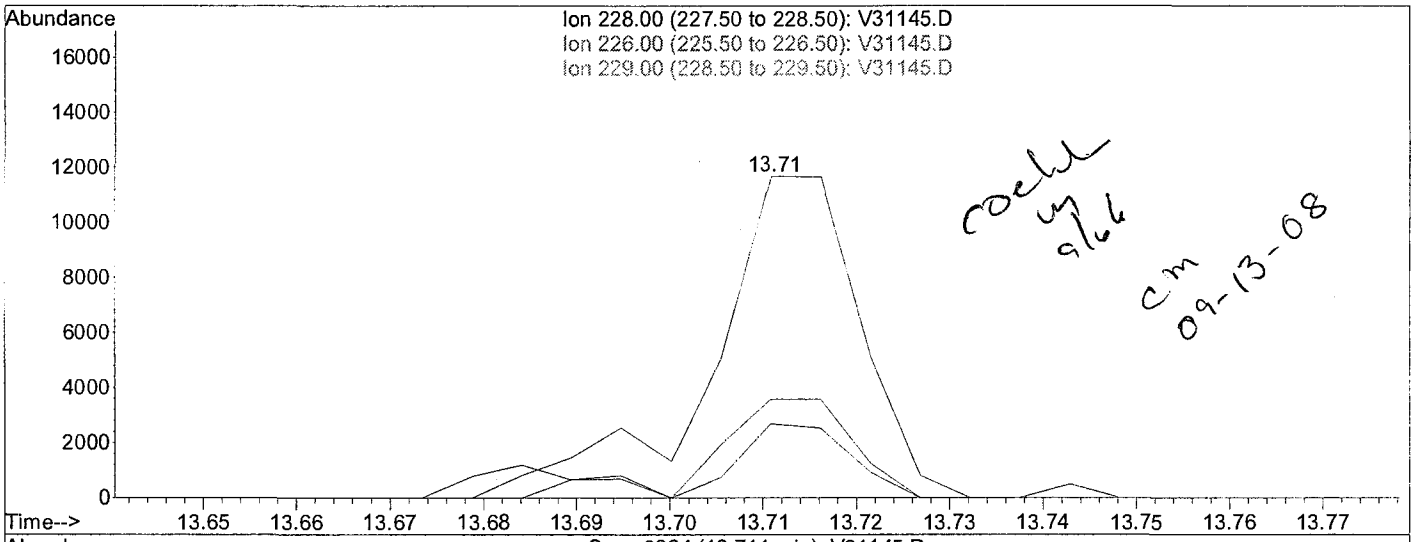
(#) = qualifier out of range (m) = manual integration

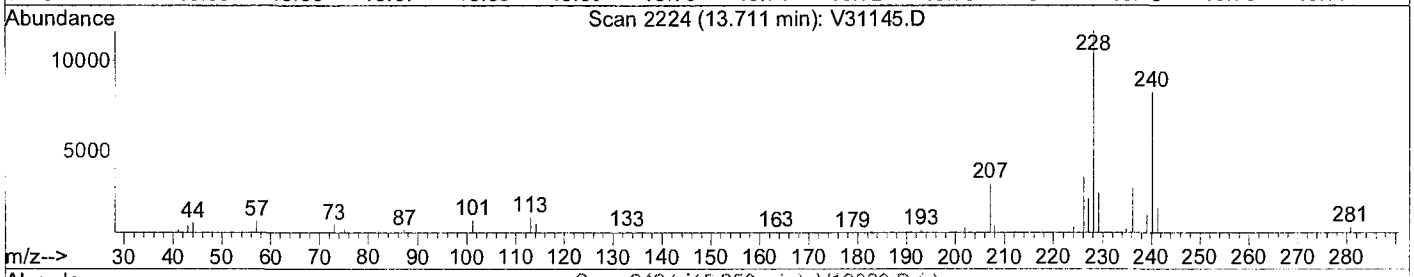
Quantitation Report (Qedit)

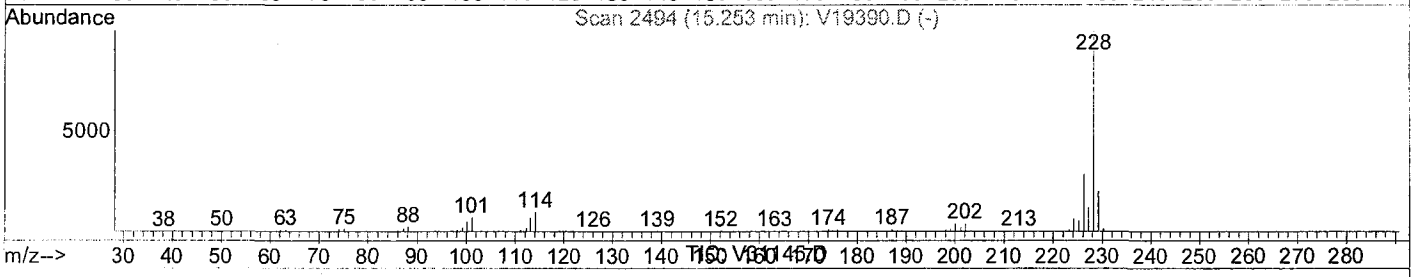
Data File : D:\DATA\090408\V31145.D
Acq On : 5 Sep 2008 9:20
Sample : SBLK52 AS80011328
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 6 14:08 2008

Vial: 25
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.71min 0.64ng

response 12991

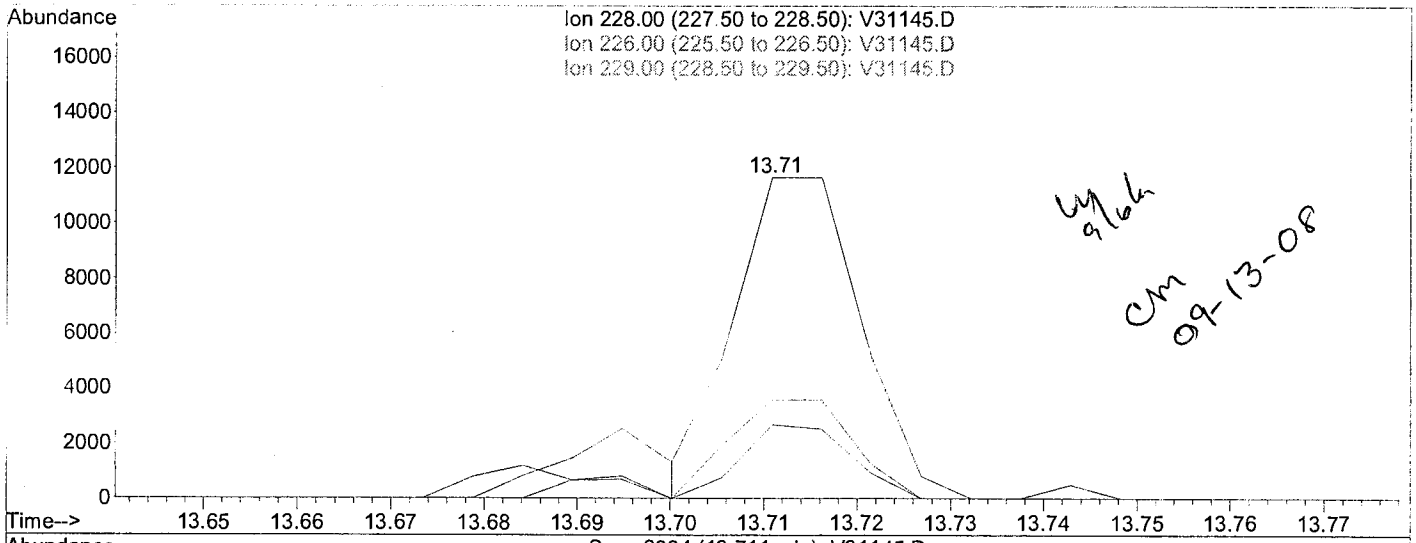
Ion	Exp%	Act%
228.00	100	100
226.00	27.80	30.74
229.00	19.20	23.07
0.00	0.00	0.00

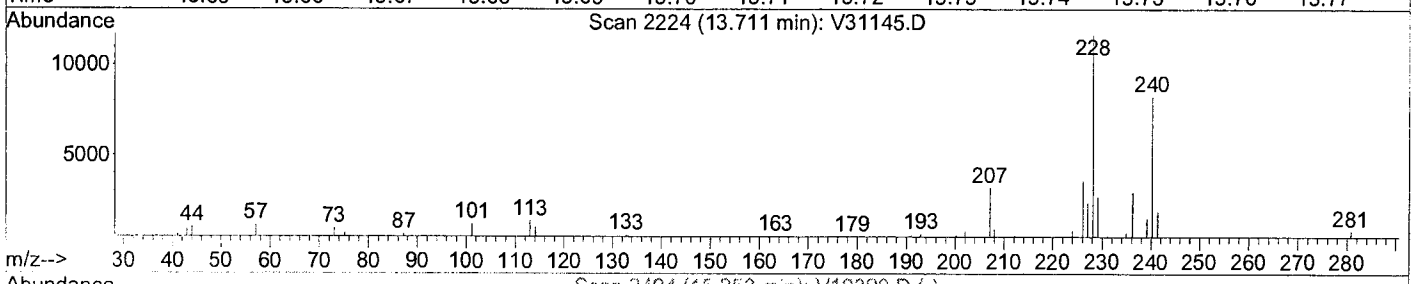
Quantitation Report (Qedit)

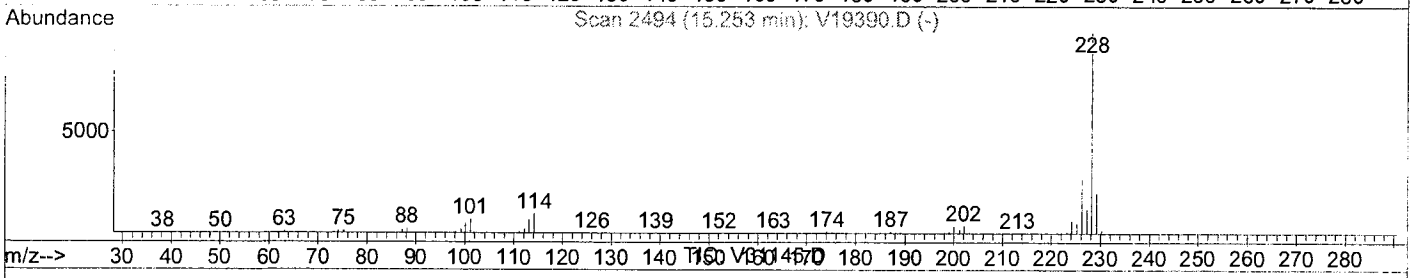
Data File : D:\DATA\090408\V31145.D
Acq On : 5 Sep 2008 9:20
Sample : SBLK52 AS80011328
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 6 14:09 2008

Vial: 25
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration





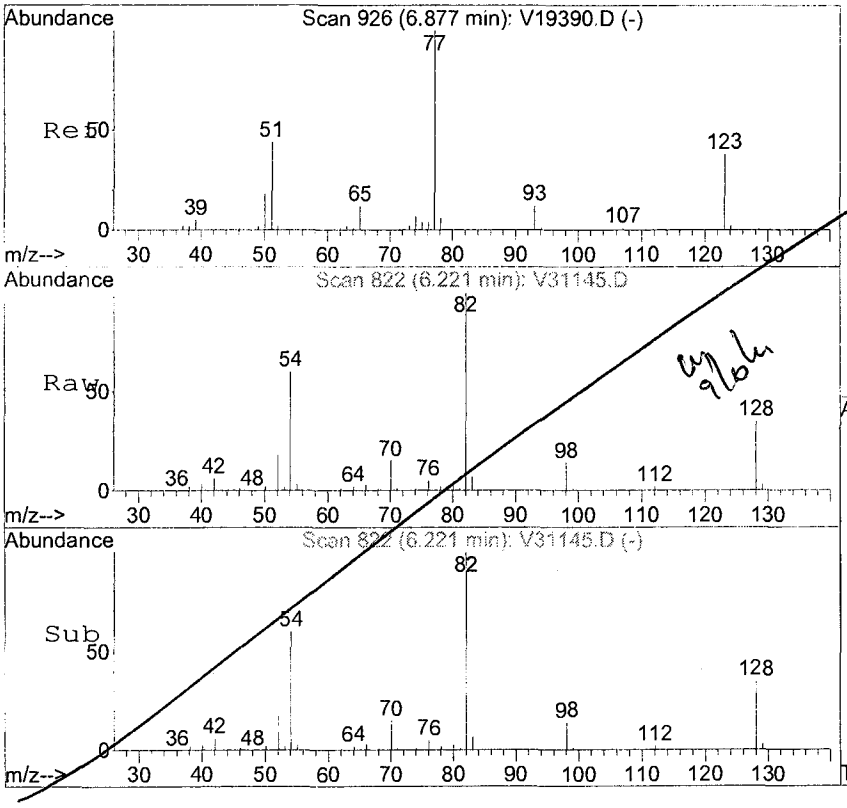


(75) C735 Chrysene (T)

13.71min 0.54ng m

response 11009

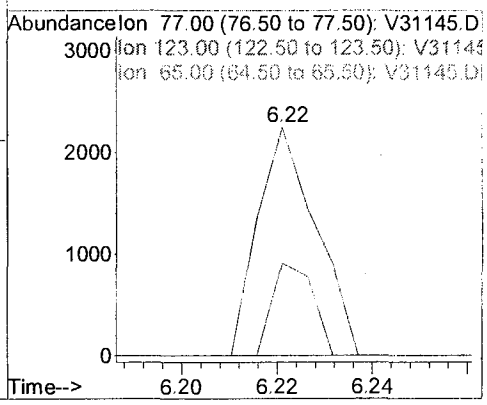
Ion	Exp%	Act%
228.00	100	100
226.00	27.80	30.74
229.00	19.20	23.07
0.00	0.00	0.00

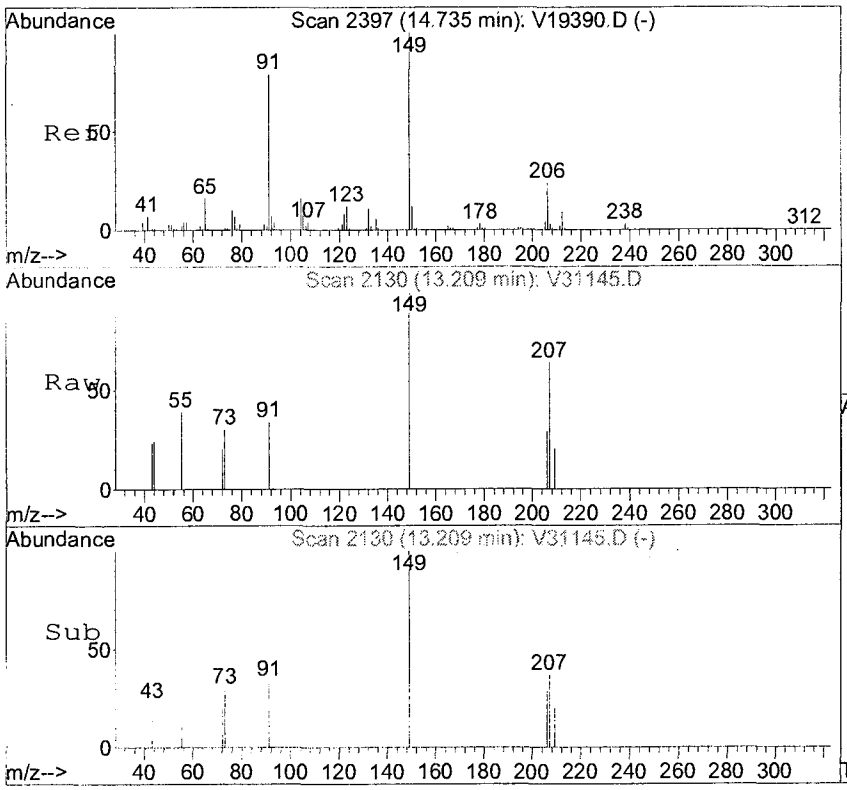


#22
C410 Nitrobenzene
Concen: 0.28 ng
RT: 6.22 min Scan# 822
Delta R.T. -0.03 min
Lab File: V31145.D
Acq: 5 Sep 2008 9:20

Tgt Ion: 77 Resp: 1905

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.9	71.9#
65	40.6	0.0	33.3#

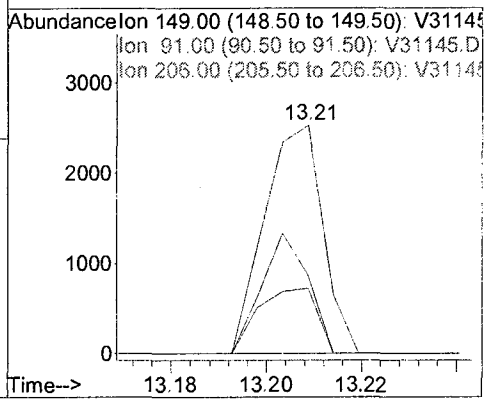


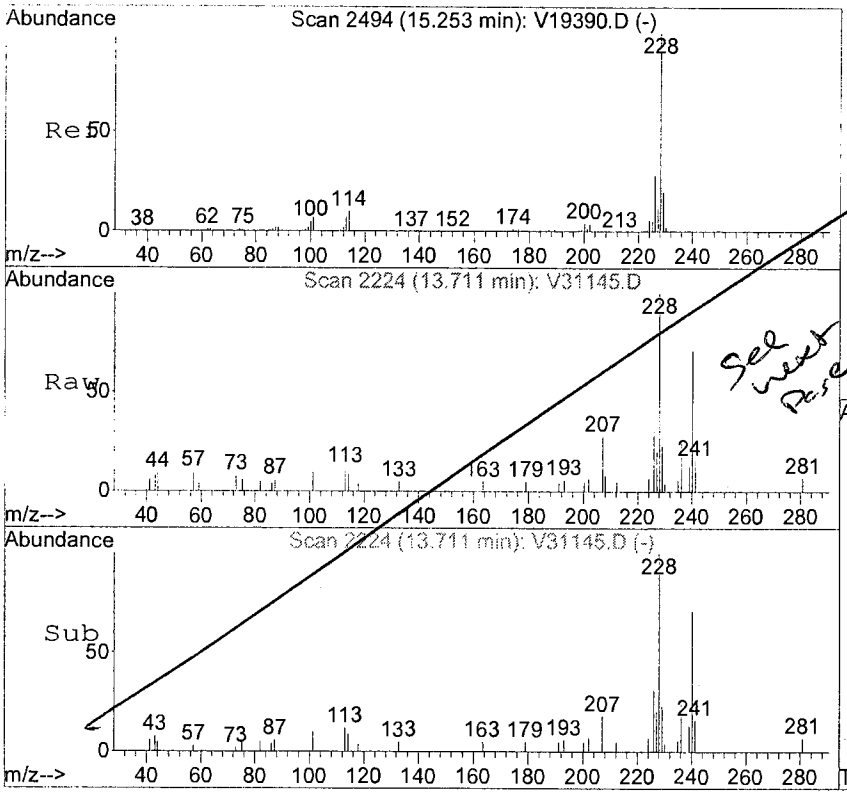


#72
C720 Butylbenzylphthalate
Concen: 0.23 ng
RT: 13.21 min Scan# 2130
Delta R.T. 0.00 min
Lab File: V31145.D
Acq: 5 Sep 2008 9:20

Tgt Ion:149 Resp: 2148

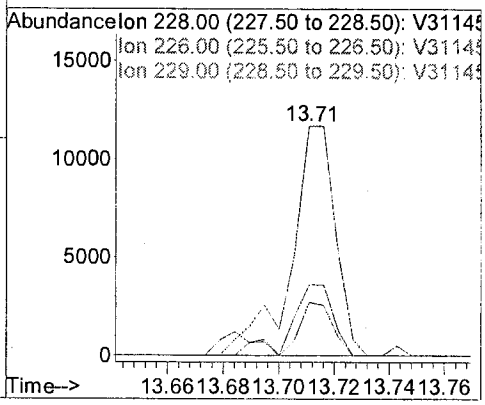
Ion	Ratio	Lower	Upper
149	100		
91	34.2	38.2	78.2#
206	28.6	0.0	39.3

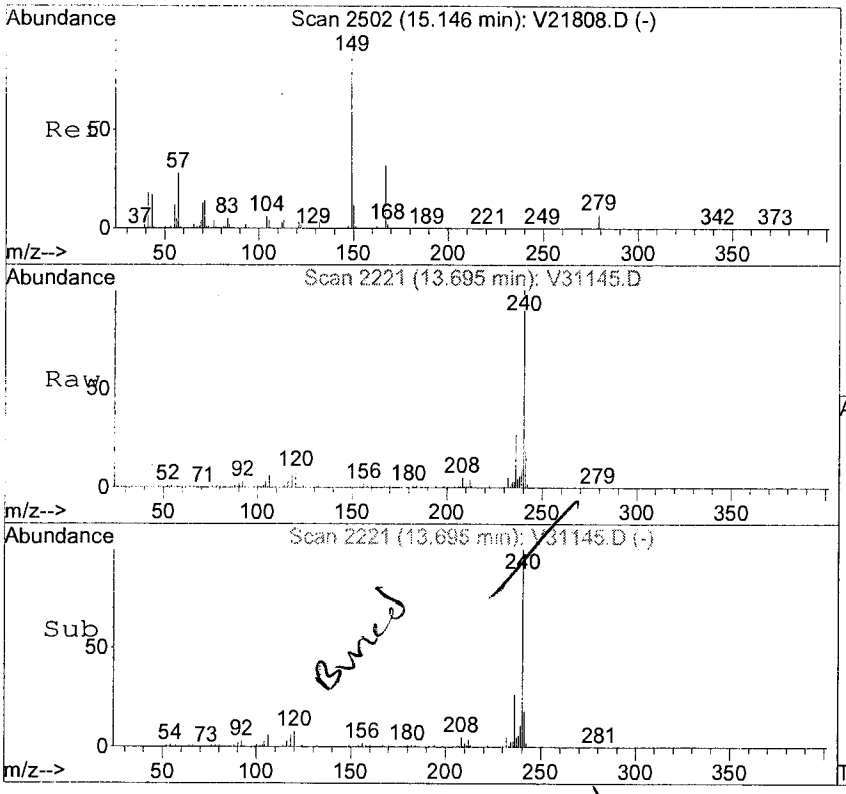




#75
C735 Chrysene
Concen: 0.64 ng
RT: 13.71 min Scan# 2224
Delta R.T. -0.01 min
Lab File: V31145.D
Acq: 5 Sep 2008 9:20

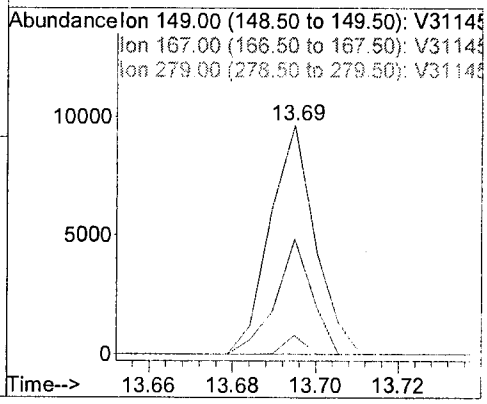
Tgt Ion:228	Resp:	12991
Ion	Ratio	Lower	Upper
228	100		
226	30.7	7.8	47.8
229	23.1	0.0	39.2

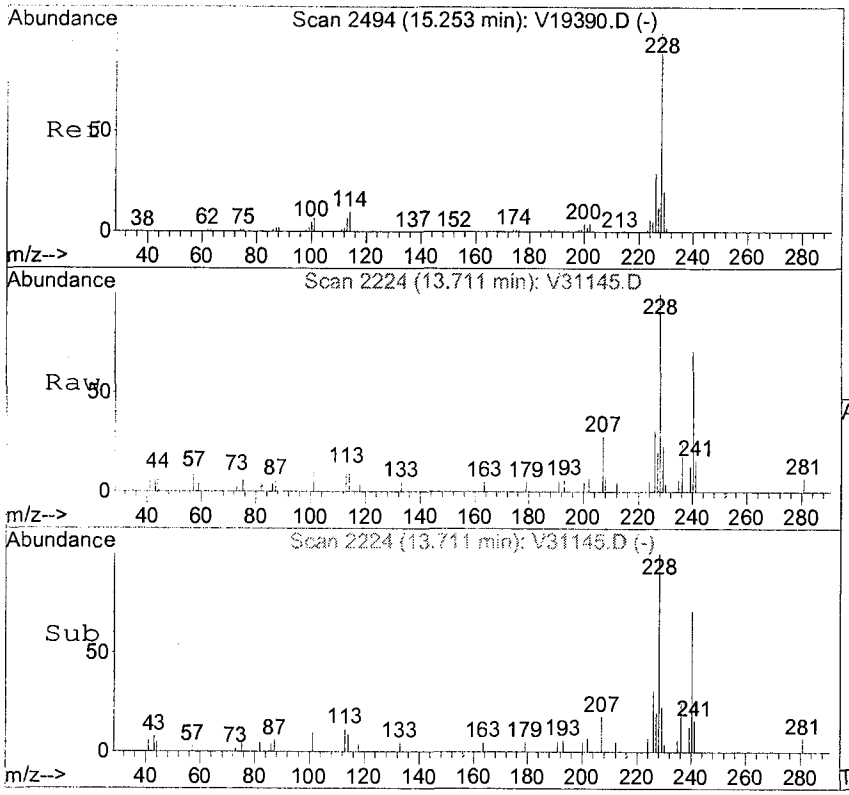




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.55 ng
RT: 13.69 min Scan# 2221
Delta R.T. 0.00 min
Lab File: V31145.D
Acq: 5 Sep 2008 9:20

Tgt Ion:149	Resp:	7251
Ion	Ratio	Lower	Upper
149	100		
167	50.1	8.3	48.3#
279	8.3	0.0	26.1

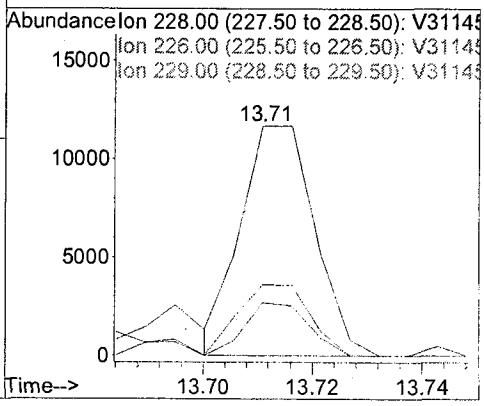


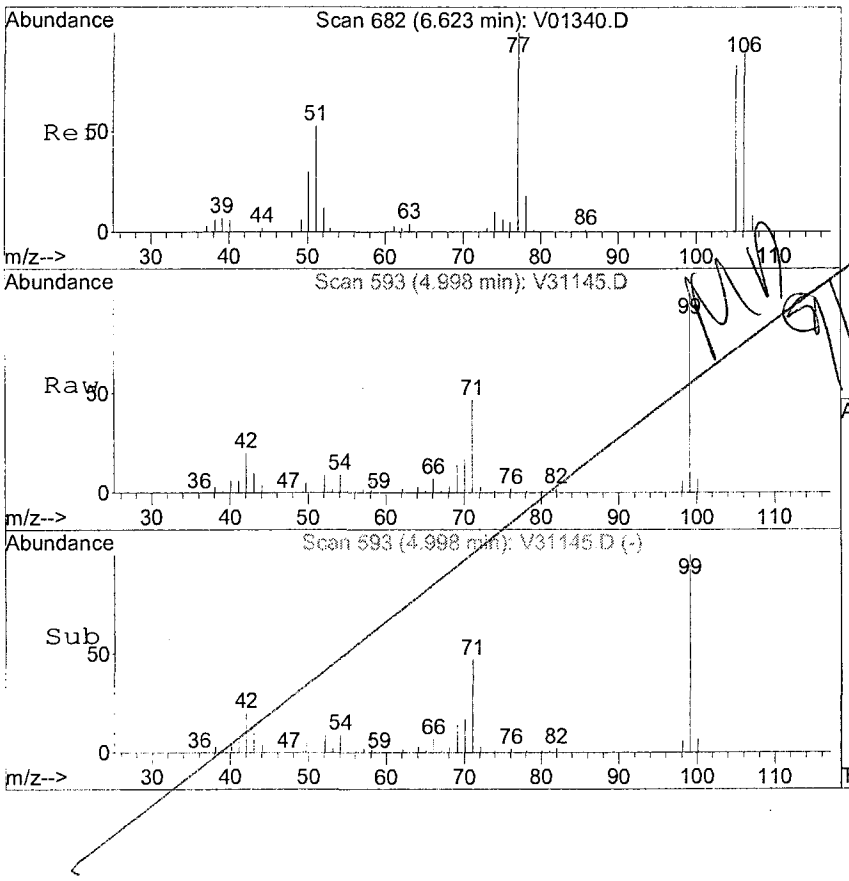


#75
C735 Chrysene
Concen: 0.54 ng m
RT: 13.71 min Scan# 2224
Delta R.T. -0.01 min
Lab File: V31145.D
Acq: 5 Sep 2008 9:20

Tgt Ion:228 Resp: 11009

Ion	Ratio	Lower	Upper
228	100		
226	30.7	7.8	47.8
229	23.1	0.0	39.2

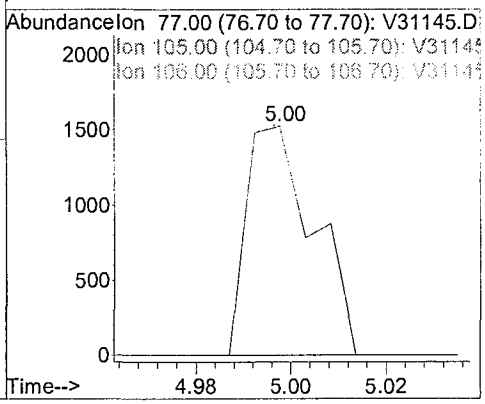




#2
E600 Benzaldehyde
Concen: 0.30 ng
RT: 5.00 min Scan# 593
Delta R.T. 0.15 min
Lab File: V31145.D
Acq: 5 Sep 2008 9:20

Tgt Ion: 77 Resp: 1495

Ion	Ratio	Lower	Upper
77	100		
105	0.0	76.1	116.1#
106	0.0	80.2	120.2#



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172002

Sample wt/vol: 30.44 (g/mL) G Lab File ID: W26152.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	320	U
208-96-8	Acenaphthylene	320	U
98-86-2	Acetophenone	320	U
120-12-7	Anthracene	320	U
1912-24-9	Atrazine	320	U
100-52-7	Benzaldehyde	320	U
56-55-3	Benzo(a)anthracene	320	U
205-99-2	Benzo(b)fluoranthene	320	U
207-08-9	Benzo(k)fluoranthene	320	U
191-24-2	Benzo(ghi)perylene	320	U
50-32-8	Benzo(a)pyrene	320	U
92-52-4	Biphenyl	320	U
111-91-1	Bis(2-chloroethoxy) methane	320	U
111-44-4	Bis(2-chloroethyl) ether	320	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	320	U
117-81-7	Bis(2-ethylhexyl) phthalate	320	U
101-55-3	4-Bromophenyl phenyl ether	320	U
85-68-7	Butyl benzyl phthalate	320	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	320	U
59-50-7	4-Chloro-3-methylphenol	320	U
91-58-7	2-Chloronaphthalene	320	U
95-57-8	2-Chlorophenol	320	U
7005-72-3	4-Chlorophenyl phenyl ether	320	U
86-74-8	Carbazole	320	U
218-01-9	Chrysene	17	J
53-70-3	Dibenzo(a,h)anthracene	320	U
132-64-9	Dibenzofuran	320	U
84-74-2	Di-n-butyl phthalate	320	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	320	U
84-66-2	Diethyl phthalate	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172002

Sample wt/vol: 30.44 (g/mL) G Lab File ID: W26152.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	320	U
131-11-3	Dimethyl phthalate	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	320	U
606-20-2	2,6-Dinitrotoluene	320	U
117-84-0	Di-n-octyl phthalate	320	U
206-44-0	Fluoranthene	320	U
86-73-7	Fluorene	320	U
118-74-1	Hexachlorobenzene	320	U
87-68-3	Hexachlorobutadiene	320	U
77-47-4	Hexachlorocyclopentadiene	320	U
67-72-1	Hexachloroethane	320	U
193-39-5	Indeno(1,2,3-cd)pyrene	320	U
78-59-1	Isophorone	320	U
91-57-6	2-Methylnaphthalene	320	U
95-48-7	2-Methylphenol	320	U
106-44-5	4-Methylphenol	320	U
91-20-3	Naphthalene	320	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	320	U
88-75-5	2-Nitrophenol	320	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	320	U
621-64-7	N-Nitroso-Di-n-propylamine	320	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	320	U
108-95-2	Phenol	320	U
129-00-0	Pyrene	320	U
95-95-4	2,4,5-Trichlorophenol	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172002

Sample wt/vol: 30.44 (g/mL) G Lab File ID: W26152.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

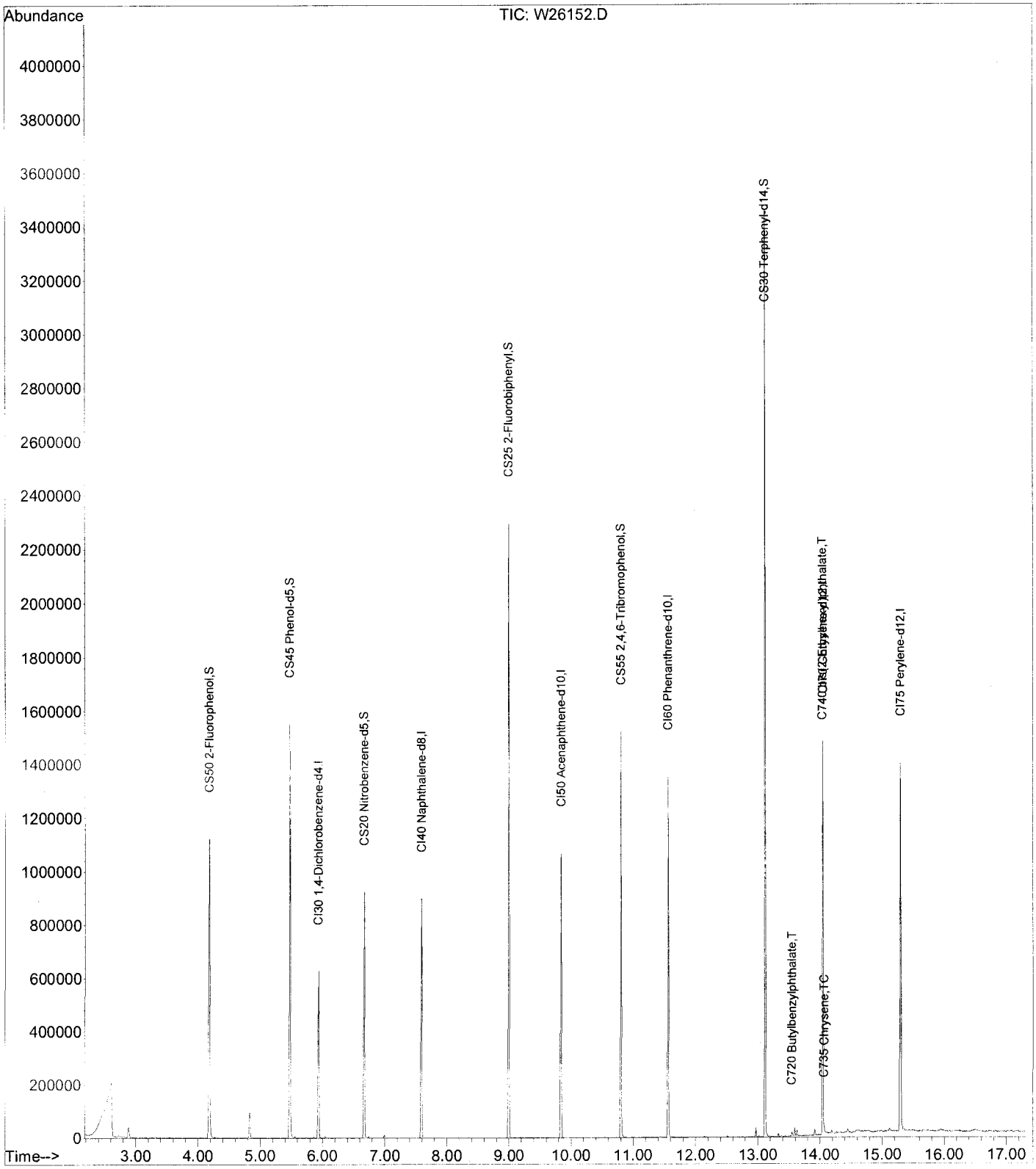
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	320	U

Data File : C:\MSDChem\1\DATA\090508\W26152.D Vial: 6
Acq On : 5 Sep 2008 13:40 Operator: JLG
Sample : SBLK65 AS80011364 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 05 16:40:04 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : C:\MSDChem\1\DATA\090508\W26152.D Vial: 6
Acq On : 5 Sep 2008 13:40 Operator: JLG
Sample : SBLK65 AS80011364 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 16:40:04 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

RTE JG 09/05/25

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	106481	40.00	ng	0.00 104.36%
20) CI40 Naphthalene-d8	7.59	136	456360	40.00	ng	0.00 105.34%
35) CI50 Acenaphthene-d10	9.84	164	266160	40.00	ng	0.00 103.91%
56) CI60 Phenanthrene-d10	11.56	188	495380	40.00	ng	0.00 104.43%
68) CI70 Chrysene-d12	14.04	240	500496	40.00	ng	0.00 103.18%
78) CI75 Perylene-d12	15.29	264	498170	40.00	ng	0.00 121.06%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.18	112	435984	115.06	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 76.71%			
5) CS45 Phenol-d5	5.48	99	654809	128.44	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 85.63%			
6) CS70 2-chlorophenol-d4	5.56	132	182	0.04	ng	-0.07
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.67	82	353315	89.26	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 89.26%			
39) CS25 2-Fluorobiphenyl	9.00	172	758213	86.34	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 86.34%			
59) CS55 2,4,6-Tribromophenol	10.80	330	162952	146.43	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 97.62%			
71) CS30 Terphenyl-d14	13.12	244	1054737	88.38	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 88.38%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.
7) C315 Phenol	5.50	94	433	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.
16) C355 2-Methylphenol	0.00	108	0	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D.
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	0.00	77	0	N.D. d
23) C415 Isophorone	0.00	82	0	N.D.
24) C430 benzoic acid	0.00	122	0	N.D.
25) C420 2-Nitrophenol	0.00	139	0	N.D.
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.

9/22/25

Data File : C:\MSDChem\1\DATA\090508\W26152.D Vial: 6
Acq On : 5 Sep 2008 13:40 Operator: JLG
Sample : SBLK65 AS80011364 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 16:40:04 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.62	128	190	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D.	
42) C540 Acenaphthylene	0.00	152	0	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45) C550 Acenaphthene	0.00	153	0	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	0.00	168	0	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D. d	
51) C590 Fluorene	0.00	166	0	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	0.00	149	0	N.D.	
54) C620 1,2 diphenylhydrazi	10.80	77	1046	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.59	178	1337	N.D.	
64) C645 Anthracene	0.00	178	0	N.D.	
65) C647 carbazole	0.00	167	0	N.D.	
66) C650 Di-n-butylphthalate	12.18	149	1255	N.D.	
67) C655 Fluoranthene	12.76	202	805	N.D.	
69) C715 Pyrene	12.76	202	805	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalate	13.55	149	3715	0.52 ng	89
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	
74) C730 Benzo[a]anthracene	0.00	228	0	N.D. d	
76) C735 Chrysene	14.07	228	7759m	0.51 ng	93
76) C740 bis(2-Ethylhexyl)phth	14.03	149	7104	0.68 ng	95
77) C760 Di-n-octylphthalate	14.57	149	1282	N.D.	
79) C765 Benzo[b]fluoranthen	0.00	252	0	N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D.	
81) C775 Benzo[a]pyrene	15.29	252	2342	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.	
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.	
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

9/23/08

Quantitation Report (Not Reviewed) **1771/3648**

Data File : C:\MSDCHEM\1\DATA\090508\W26152.D Vial: 6
Acq On : 5 Sep 2008 13:40 Operator: JLG
Sample : SBLK65 AS80011364 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 18:10:57 2008 Results File: TCLADDS...0559.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0559.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 12:01:39 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26147.D (5 Sep 2008 11:40)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	106481	40.00	ng	0.00 104.91%
4) CI40 Naphthalene-d8	7.59	136	456360	40.00	ng	0.00 107.05%
7) CI50 Acenaphthene-d8	9.84	164	266160	40.00	ng	0.00 109.30%
10) CI60 Phenanthrene-d10	11.56	188	495380	40.00	ng	0.00 109.79%
12) CI70 Chrysene-d12	14.04	240	500496	40.00	ng	0.00 110.63%
13) CI75 Perylene-d12	15.29	264	498170	40.00	ng	0.00 121.00%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.48	77	415	N.D.		
3) E145 Acetophenone	6.31	105	180	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.12	154	987	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

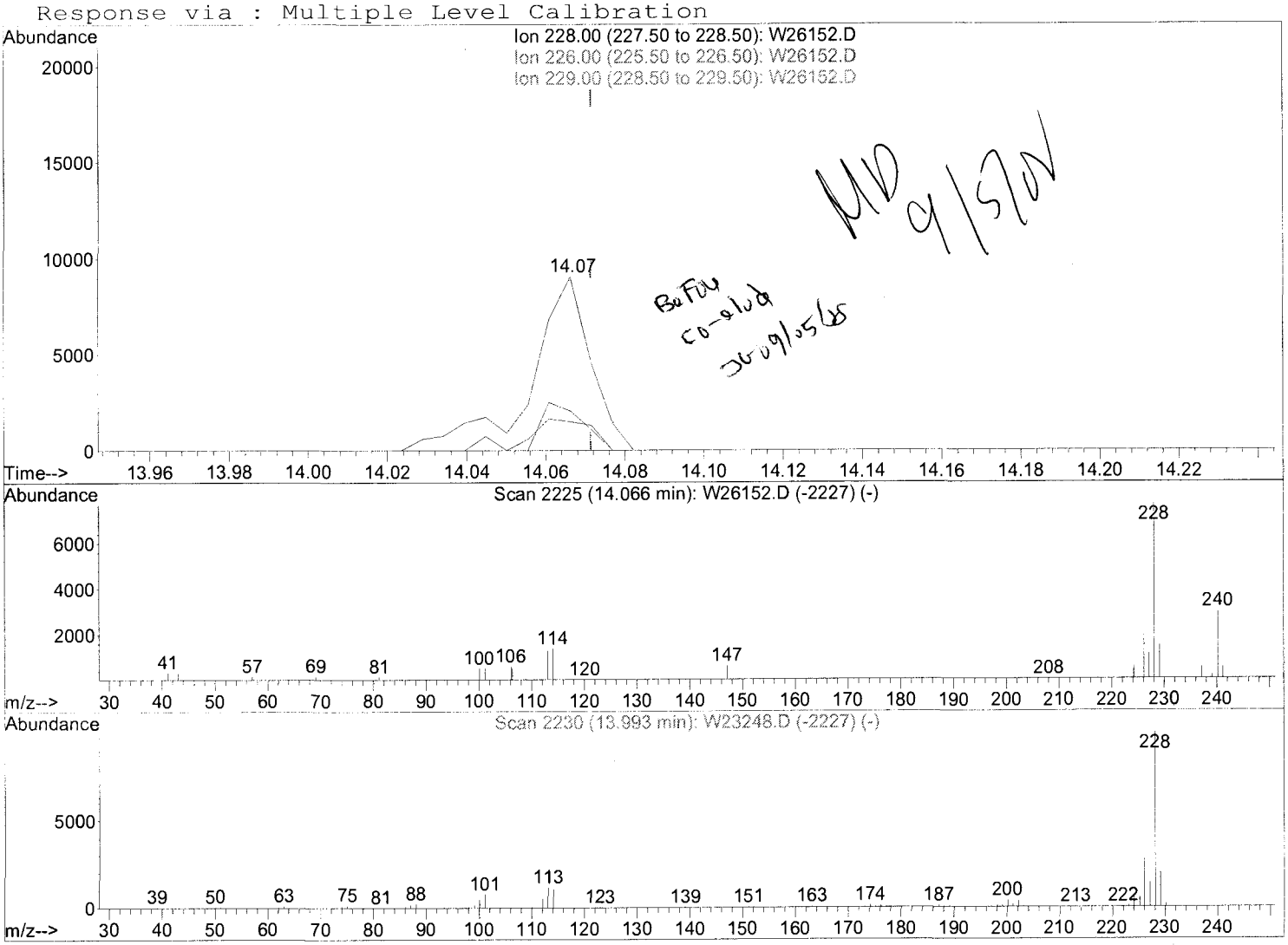
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\090508\W26152.D
Acq On : 5 Sep 2008 13:40
Sample : SBLK65 AS80011364
Misc : 8-A656, A716, A718, A703
MS Integration Params: rteint.p
Quant Time: Sep 05 16:35:48 2008

Vial: 6
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Multiple Level Calibration



TIC: W26152.D

(75) C735 Chrysene (TC)

14.07min (-0.005) 0.63ng

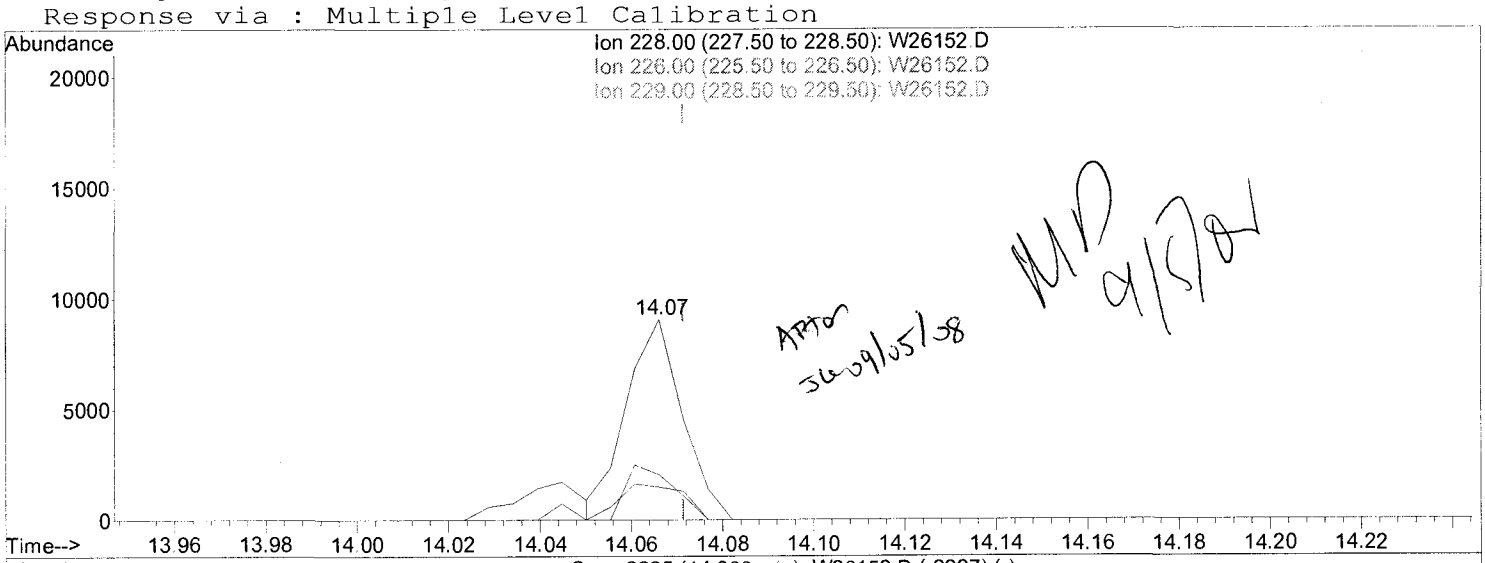
response 9495

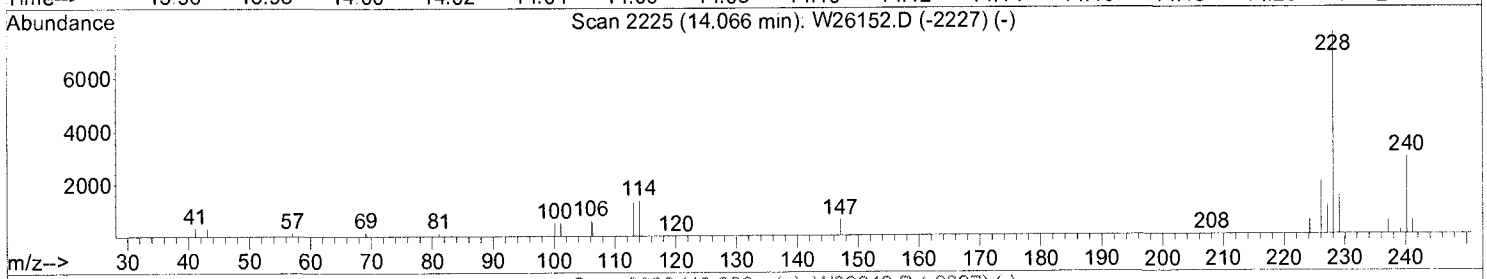
Ion	Exp%	Act%
228.00	100	100
226.00	27.10	22.60
229.00	18.80	16.52
0.00	0.00	0.00

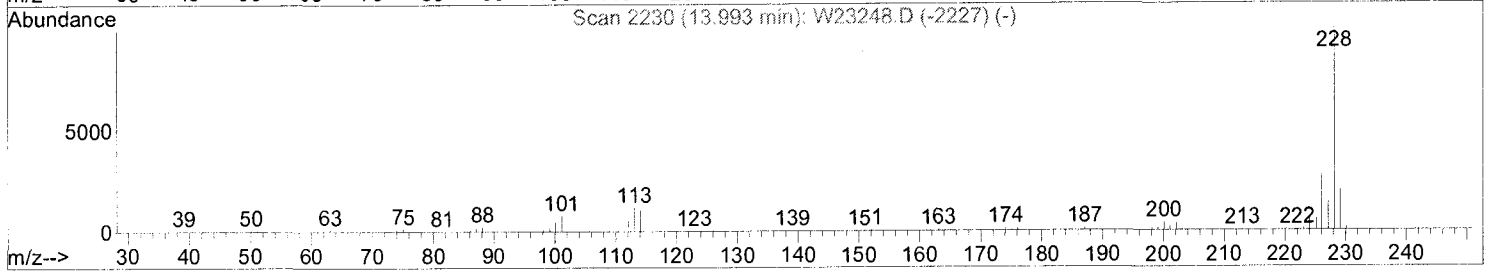
Data File : C:\MSDChem\1\DATA\090508\W26152.D
Acq On : 5 Sep 2008 13:40
Sample : SBLK65 AS80011364
Misc : 8-A656, A716, A718, A703
MS Integration Params: rteint.p
Quant Time: Sep 05 16:35:48 2008

Vial: 6
Operator: JLG
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Multiple Level Calibration







TIC: W26152.D

(75) C735 Chrysene (TC)

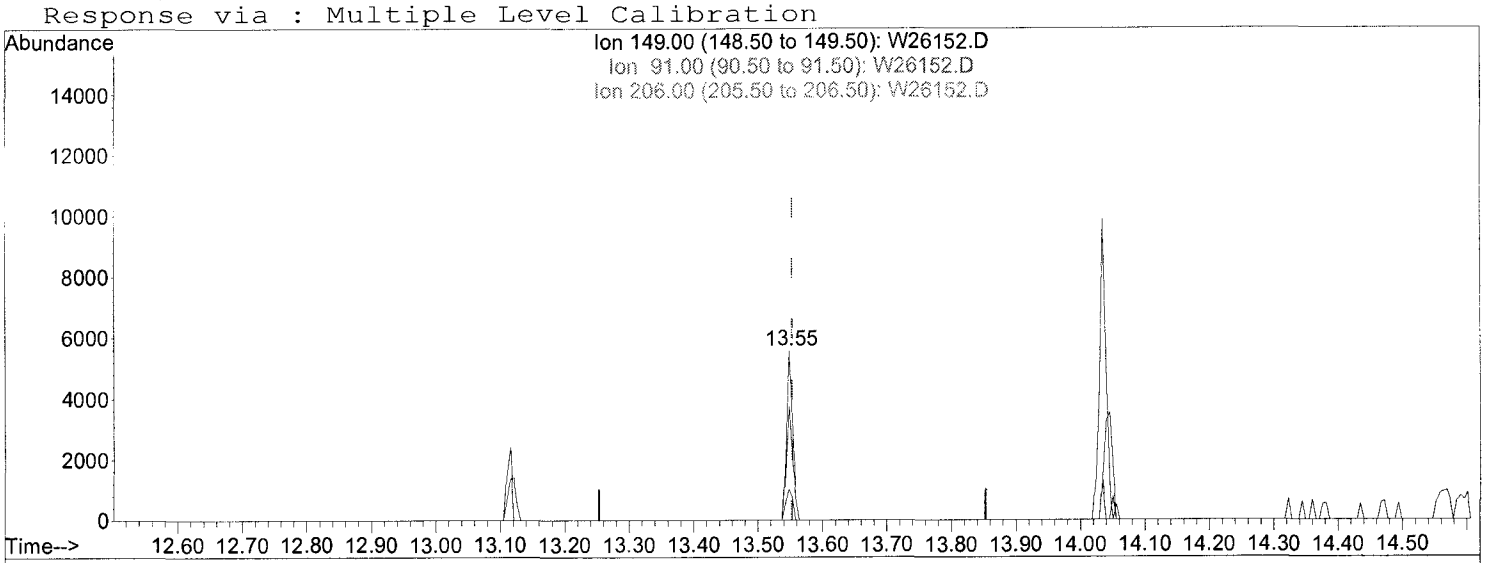
14.07min (-0.005) 0.51ng m

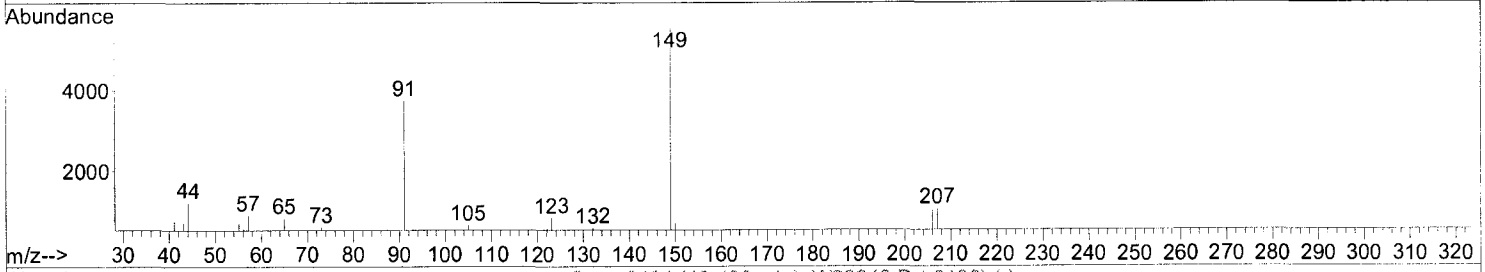
response 7759

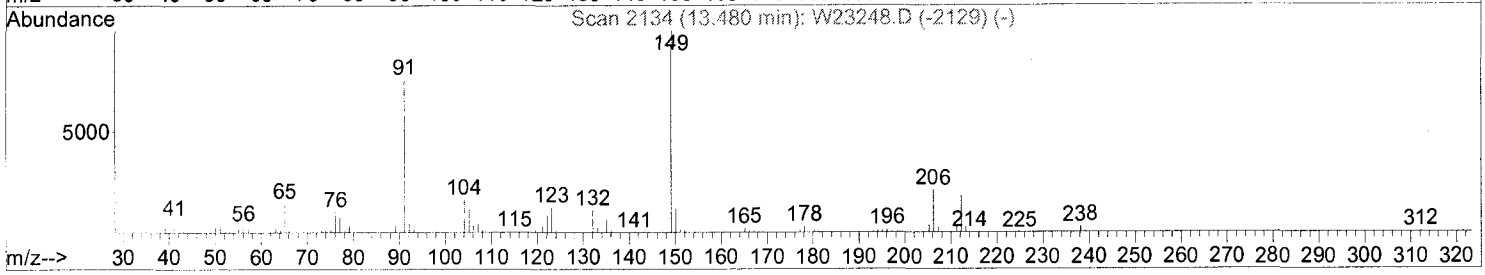
Ion	Exp%	Act%
228.00	100	100
226.00	27.10	22.60
229.00	18.80	16.52
0.00	0.00	0.00

Data File : C:\MSDChem\1\DATA\090508\W26152.D Vial: 6
Acq On : 5 Sep 2008 13:40 Operator: JLG
Sample : SBLK65 AS80011364 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 16:35:48 2008

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Multiple Level Calibration







TIC: W26152.D

(72) C720 Butylbenzylphthalate (T)

13.55min (-0.005) 0.52ng

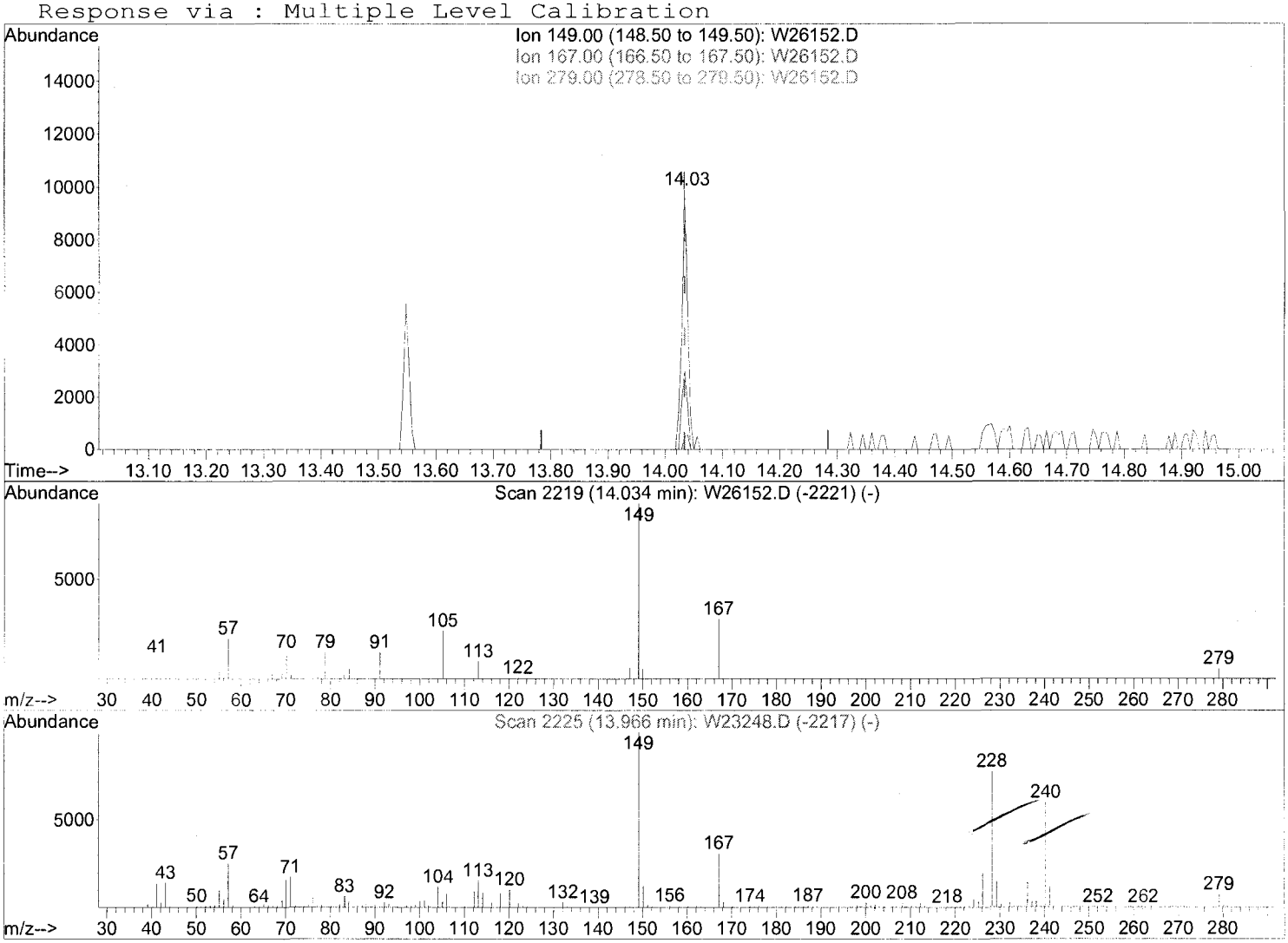
response 3715

Ion	Exp%	Act%
149.00	100	100
91.00	77.00	67.37
206.00	22.70	18.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\090508\W26152.D Vial: 6
Acq On : 5 Sep 2008 13:40 Operator: JLG
Sample : SBLK65 AS80011364 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 16:35:48 2008

Method : C:\MSDCHEM\1\MET...270\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Multiple Level Calibration



TIC: W26152.D

(76) C740 bis(2-Ethylhexyl)phthalate (T)

14.03min (+0.000) 0.68ng

response 7104

Ion	Exp%	Act%
149.00	100	100
167.00	33.10	30.25
279.00	7.50	5.07
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163702

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26217.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163702

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26217.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163702

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26217.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

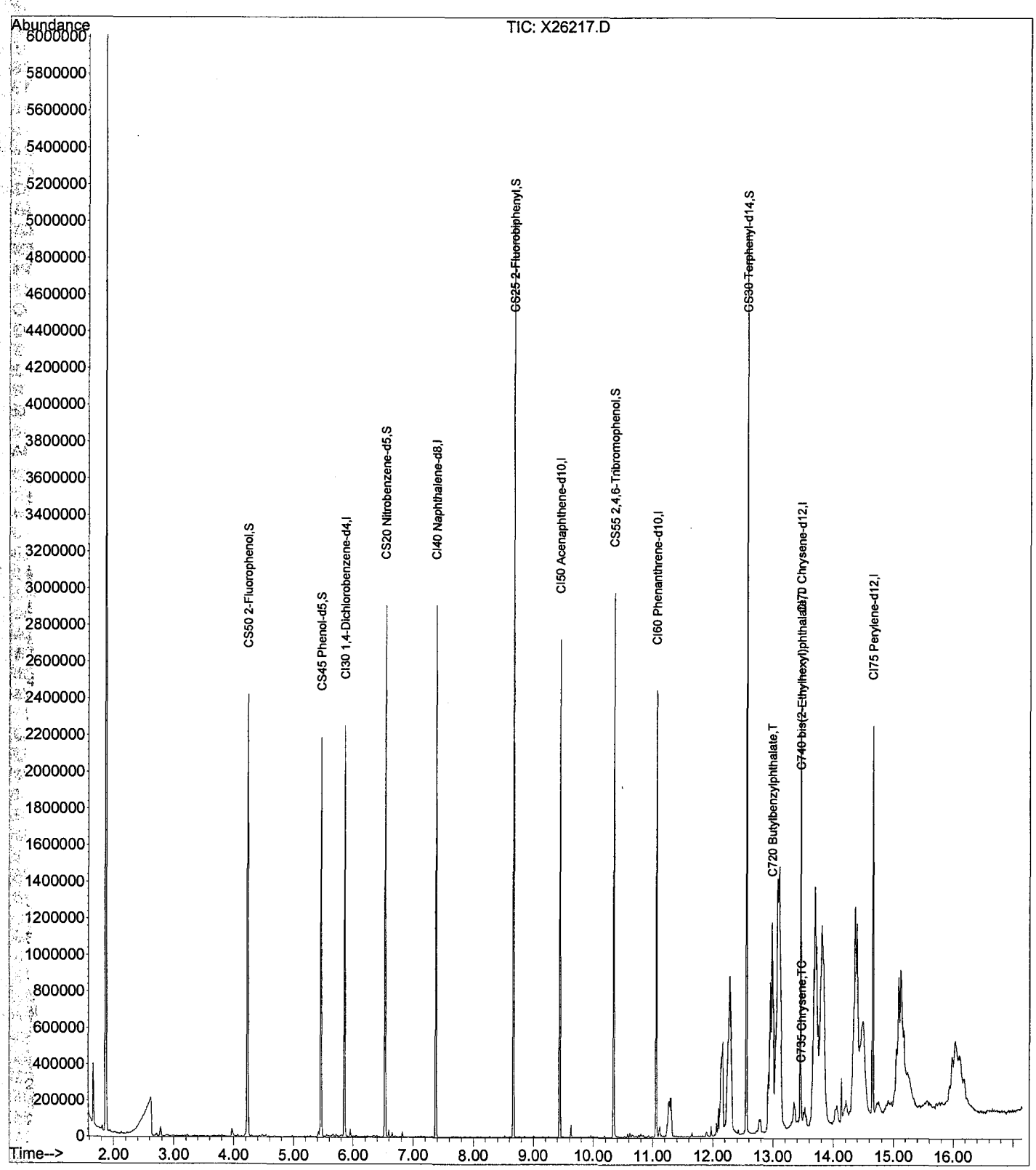
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Data File : D:\DATA\090508\X26217.D
Acq On : 5 Sep 2008 14:30
Sample : SBLK39 AW80015865
Misc : 08-A591/95/629/608
MS Integration Params: rteint.p

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 08 08:53:05 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) **1780/3648**

Data File : D:\DATA\090508\X26217.D Vial: 12
Acq On : 5 Sep 2008 14:30 Operator: AJ
Sample : SBLK39 AW80015865 Inst : HP5973X
Misc : 08-A591/95/629/608 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:53:05 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

SS AD 9/8/08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	315302	40.00 ng	0.00 109.18%
20) CI40 Naphthalene-d8	7.38	136	1159949	40.00 ng	0.00 115.90%
35) CI50 Acenaphthene-d10	9.44	164	559273	40.00 ng	0.00 111.93%
56) CI60 Phenanthrene-d10	11.06	188	834763	40.00 ng	0.00 108.02%
68) CI70 Chrysene-d12	13.46	240	711127	40.00 ng	0.00 102.81%
78) CI75 Perylene-d12	14.65	264	669083	40.00 ng	0.00 108.81%
System Monitoring Compounds					
3) CS50 2-Fluorophenol	4.23	112	722352	59.93 ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 39.95%		
5) CS45 Phenol-d5	5.46	99	702476	47.78 ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 31.85%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00 ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00 ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#		
21) CS20 Nitrobenzene-d5	6.53	82	852229	70.58 ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 70.58%		
39) CS25 2-Fluorobiphenyl	8.67	172	1401117	69.11 ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 69.11%		
59) CS55 2,4,6-Tribromophenol	10.34	330	277955	133.45 ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 88.97%		
71) CS30 Terphenyl-d14	12.56	244	1285092	84.68 ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 84.68%		
Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	5.48	93	1232	N.D.	
7) C315 Phenol	5.48	94	1422	N.D.	
8) C330 2-Chlorophenol	5.62	128	203	N.D.	
9) C320 aniline	5.48	93	1017	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	5.87	146	1565	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	6.05	108	1267	N.D.	
15) C360 bis(2-chloroisoprop	6.23	45	450	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	6.53	108	182	N.D.	
22) C410 Nitrobenzene	6.56	77	254	N.D.	
23) C415 Isophorone	6.65	82	732	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D. d	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	7.38	93	180	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

9/9/08

Data File : D:\DATA\090508\X26217.D Vial: 12
Acq On : 5 Sep 2008 14:30 Operator: AJ
Sample : SBLK39 AW80015865 Inst : HP5973X
Misc : 08-A591/95/629/608 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:53:05 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

AD 9.8.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	7.31	180	505	N.D.		
30) C450 Naphthalene	7.40	128	1729	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	8.55	107	201	N.D.		
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41) C530 2-Nitroaniline	0.00	65	0	N.D. d		
42) C540 Acenaphthylene	0.00	152	0	N.D.		
43) C535 Dimethylphthalate	0.00	163	0	N.D.		
44) C542 2,6-Dinitrotoluene	9.21	165	407	N.D.		
45) C550 Acenaphthene	9.48	153	547	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	9.68	168	450	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	10.07	166	287	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	9.98	149	217	N.D.		
54) C620 1,2-diphenylhydrazi	0.00	77	0	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	11.35	266	189	N.D.		
63) C640 Phenanthrene	11.08	178	3590	N.D.		
64) C645 Anthracene	11.08	178	3590	N.D.		
65) C647 carbazole	11.31	167	458	N.D.		
66) C650 Di-n-butylphthalate	0.00	149	0	N.D. d		
67) C655 Fluoranthene	12.20	202	1832	N.D.		
69) C715 Pyrene	12.40	202	754	N.D.		
70) C710 benzidine	0.00	184	0	N.D.		
72) C720 Butylbenzylphthalate	12.98	149	7573	0.64	ng	88
73) C725 3,3'-Dichlorobenzid	13.09	252	187	N.D.		
74) C730 Benzo[a]anthracene	13.46	228	1941	N.D.		
75) C735 Chrysene	13.48	228	12805	0.59	ng	91
76) C740 bis(2-Ethylhexyl)phth	13.47	149	17480	1.04	ng	86
77) C760 Di-n-octylphthalate	14.03	149	3925	N.D.		
79) C765 Benzo[b]fluoranthen	14.33	252	428	N.D.		
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d		
81) C775 Benzo[a]pyrene	14.60	252	258	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83) C785 Dibenz[a,h]anthrace	15.65	278	196	N.D.		
84) C790 Benzo[g,h,i]perylen	15.91	276	389	N.D.		

9/12/08

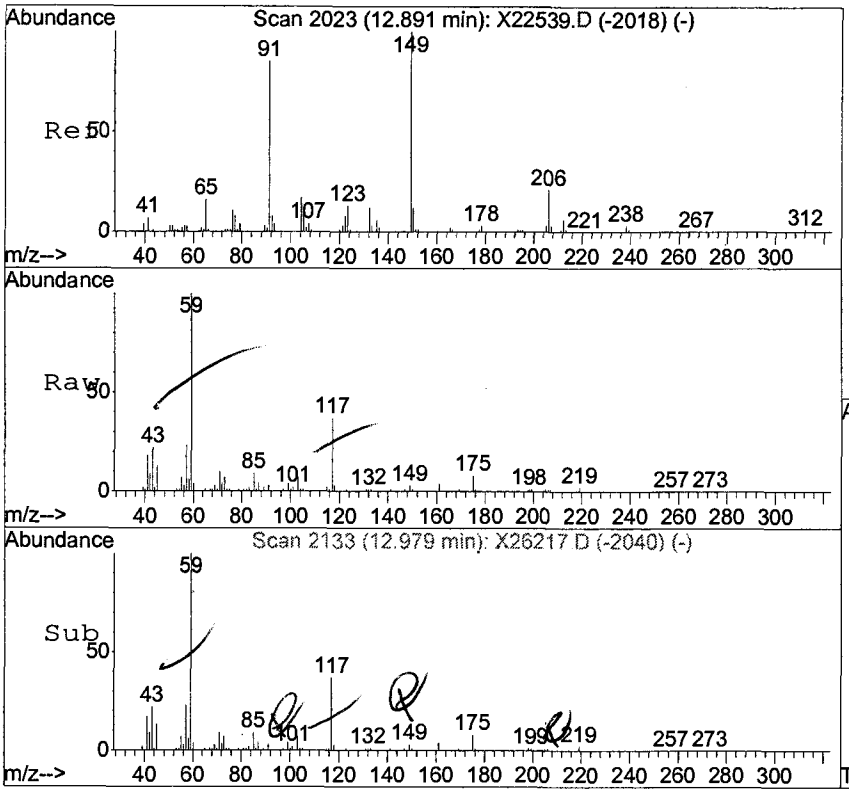
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\090508\X26217.D Vial: 12
Acq On : 5 Sep 2008 14:30 Operator: AJ
Sample : SBLK39 AW80015865 Inst : HP5973X
Misc : 08-A591/95/629/608 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 12:53:18 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Sep 08 12:52:57 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	315302	40.00	ng	0.00 87.31%
4) CI40 Naphthalene-d8	7.38	136	1159949	40.00	ng	0.00 91.21%
7) CI50 Acenaphthene-d8	9.44	164	559273	40.00	ng	0.00 104.22%
10) CI60 Phenanthrene-d10	11.06	188	834763	40.00	ng	0.00 107.78%
12) CI70 Chrysene-d12	13.46	240	711127	40.00	ng	0.00 86.18%
13) CI75 Perylene-d12	14.65	264	669083	40.00	ng	0.00 58.50%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.33	77	171	N.D.		
3) E145 Acetophenone	6.35	105	564	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.78	154	2239	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

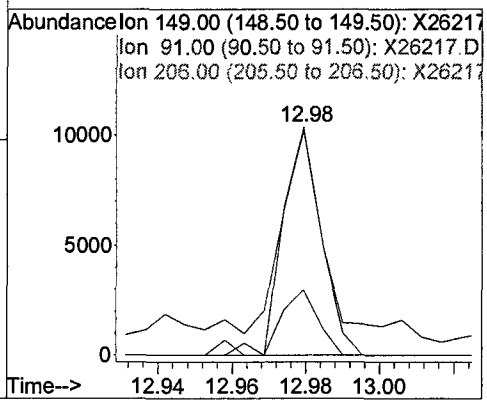
(#) = qualifier out of range (m) = manual integration (+) = signals summed

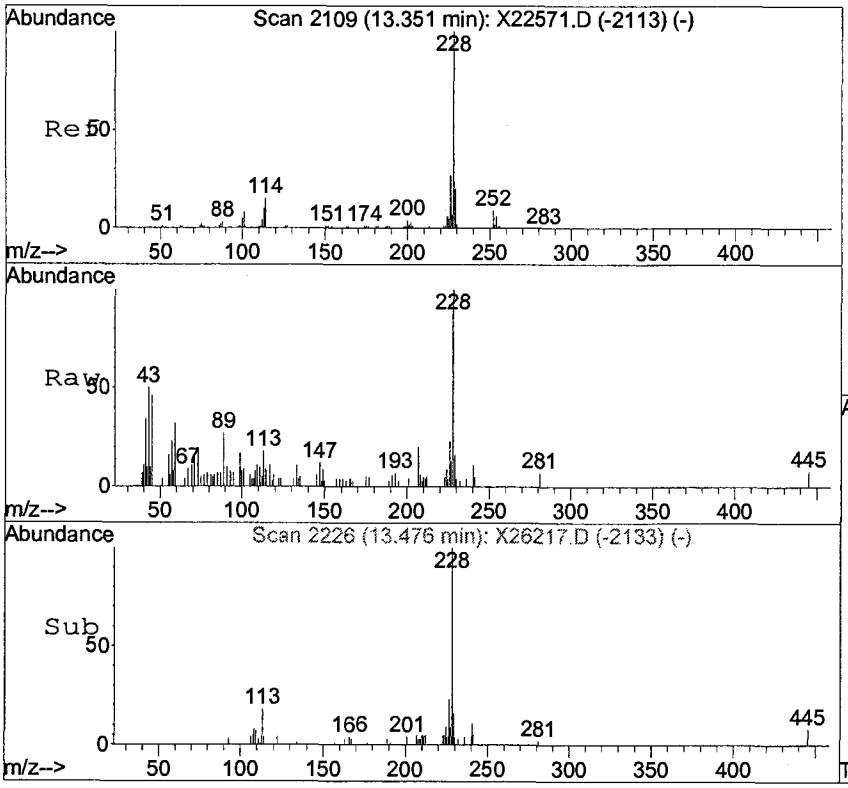


#72
C720 Butylbenzylphthalate
Concen: 0.64 ng
RT: 12.98 min Scan# 2133
Delta R.T. -0.01 min
Lab File: X26217.D
Acq: 5 Sep 2008 14:30

Tgt Ion:149 Resp: 7573

Ion	Ratio	Lower	Upper
149	100		
91	87.0	57.1	97.1
206	28.7	2.9	42.9

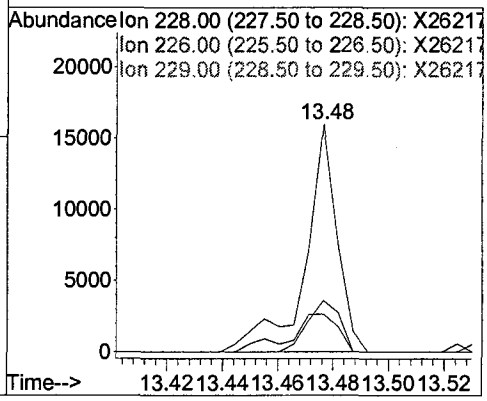


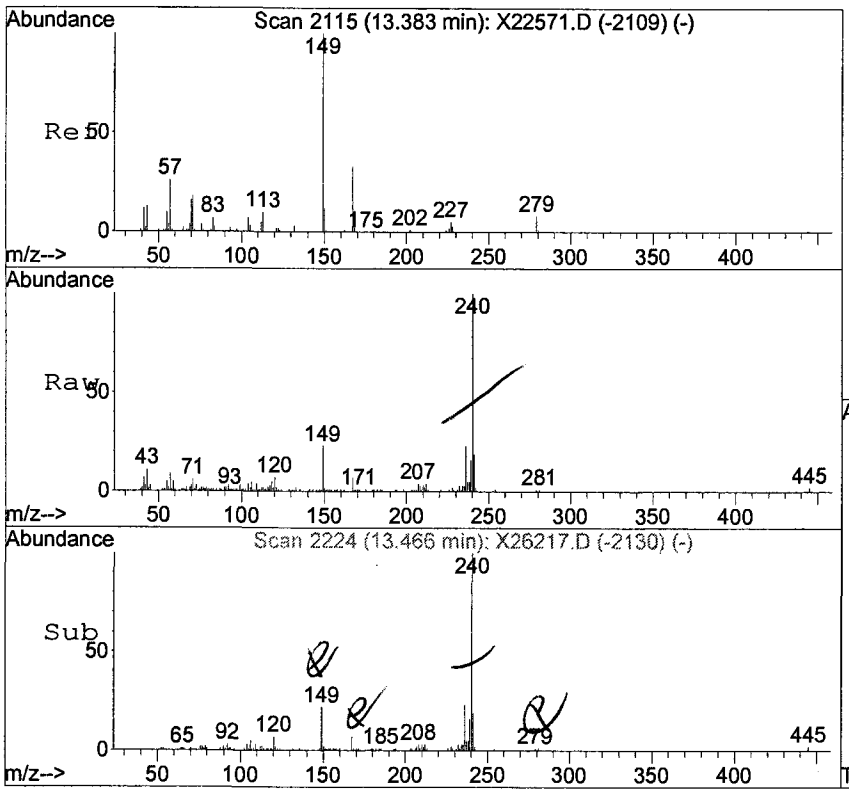


#75
C735 Chrysene
Concen: 0.59 ng
RT: 13.48 min Scan# 2226
Delta R.T. -0.01 min
Lab File: X26217.D
Acq: 5 Sep 2008 14:30

Tgt Ion:228 Resp: 12805

Ion	Ratio	Lower	Upper
228	100		
226	22.5	8.5	48.5
229	16.5	0.0	39.5

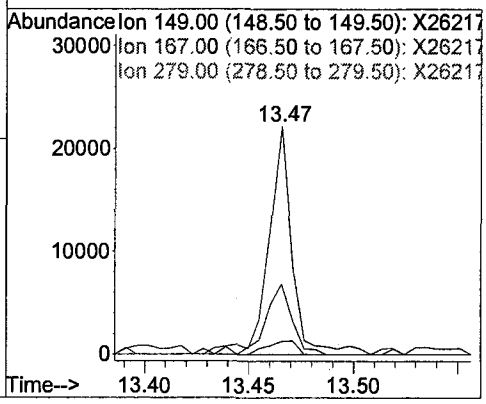




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 1.04 ng
RT: 13.47 min Scan# 2224
Delta R.T. 0.00 min
Lab File: X26217.D
Acq: 5 Sep 2008 14:30

Tgt Ion:149 Resp: 17480

Ion	Ratio	Lower	Upper
149	100		
167	28.3	16.2	56.2
279	5.7	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26246.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.7	J
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26246.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	1	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	0.2	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172102

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26246.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

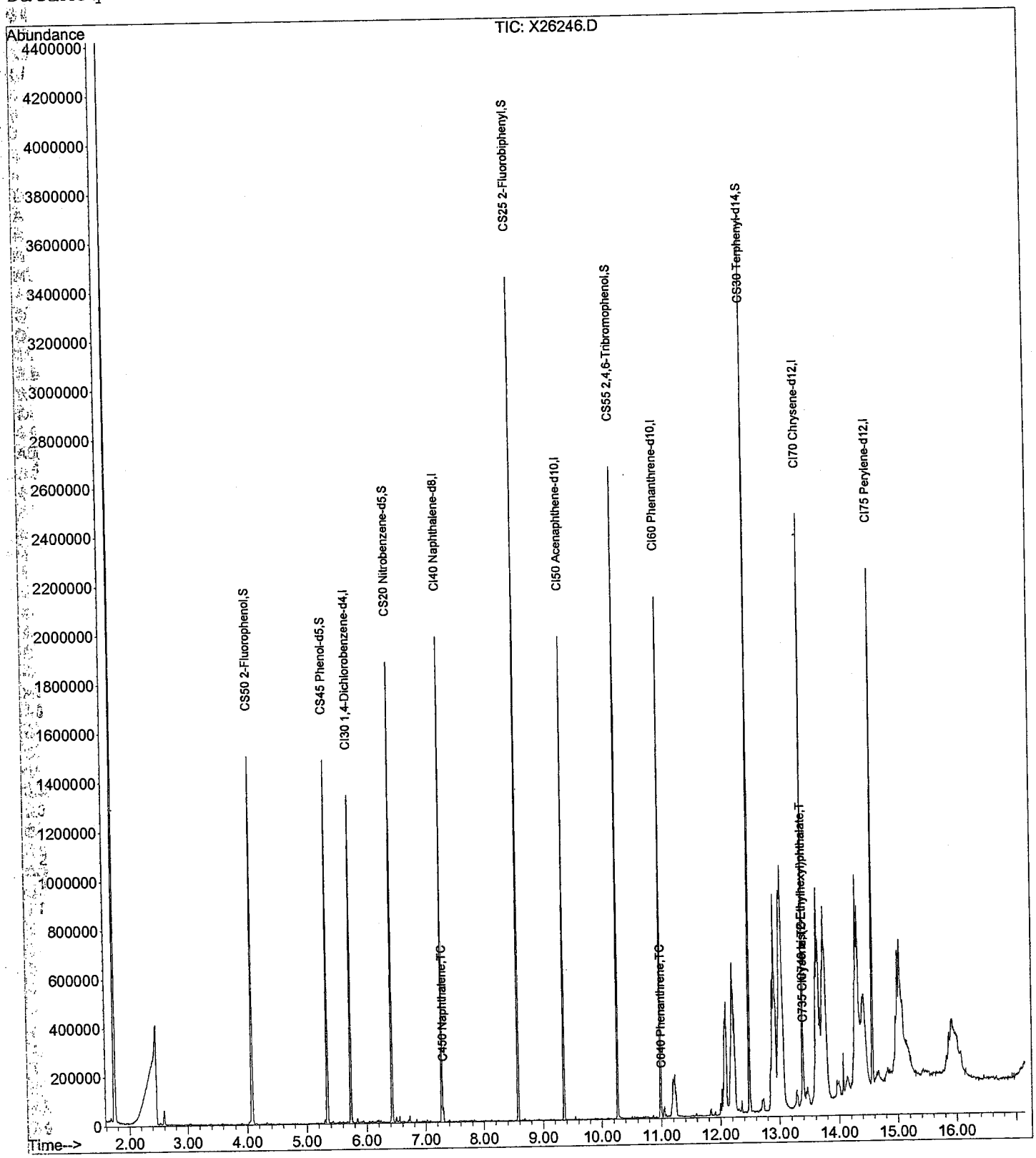
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Data File : D:\DATA\090608\X26246.D
Acq On : 6 Sep 2008 13:49
Sample : SBLK40 AW80015937
Misc : A643/630/713/718
MS Integration Params: rteint.p

Vial: 12
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 08 15:26:24 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:39:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) **1789/3648**

Data File : D:\DATA\090608\X26246.D Vial: 12
Acq On : 6 Sep 2008 13:49 Operator: RM
Sample : SBLK40 AW80015937 Inst : HP5973X
Misc : A643/630/713/718 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 15:26:24 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:39:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090608\X26236.D (6 Sep 2008 9:15)

SS D 9.8.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.74	152	197727	40.00	ng	-0.07 106.31%
20) CI40 Naphthalene-d8	7.28	136	753039	40.00	ng	-0.07 108.46%
35) CI50 Acenaphthene-d10	9.36	164	395517	40.00	ng	-0.06 100.96%
56) CI60 Phenanthrene-d10	10.99	188	661213	40.00	ng	-0.04 100.90%
68) CI70 Chrysene-d12	13.39	240	636444	40.00	ng	-0.05 99.59%
78) CI75 Perylene-d12	14.57	264	612730	40.00	ng	-0.06 101.25%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.08	112	456216	60.36	ng	-0.10
Spiked Amount 150.000	Range 21 - 110		Recovery = 40.24%			
5) CS45 Phenol-d5	5.34	99	466103	50.55	ng	-0.08
Spiked Amount 150.000	Range 10 - 110		Recovery = 33.70%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.43	82	580717	74.08	ng	-0.06
Spiked Amount 100.000	Range 34 - 114		Recovery = 74.08%			
39) CS25 2-Fluorobiphenyl	8.58	172	1036569	72.30	ng	-0.07
Spiked Amount 100.000	Range 43 - 116		Recovery = 72.30%			
59) CS55 2,4,6-Tribromophenol	10.27	330	253860	153.87	ng	-0.05
Spiked Amount 150.000	Range 10 - 123		Recovery = 102.58%			
71) CS30 Terphenyl-d14	12.49	244	845955	62.29	ng	-0.04
Spiked Amount 100.000	Range 33 - 141		Recovery = 62.29%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)e	5.35	93	989	N.D.	
7) C315 Phenol	5.35	94	820	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	5.35	93	989	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D. d	
15) C360 bis(2-chloroisoprop	6.09	45	178	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	6.42	108	178	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	6.84	82	862	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	7.28	93	208	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090608\X26246.D
Acq On : 6 Sep 2008 13:49
Sample : SBLK40 AW80015937
Misc : A643/630/713/718
MS Integration Params: rteint.p
Quant Time: Sep 08 15:26:24 2008

Vial: 12
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:39:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090608\X26236.D (6 Sep 2008 9:15)

SS RD 9-6-08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.30	128	21338	1.02 ng	98
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	7.80	107	170	N.D.	
34) C470 2-Methylnaphthalene	8.13	142	1534	N.D.	
35) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D. d	
42) C540 Acenaphthylene	9.19	152	791	N.D.	
43) C535 Dimethylphthalate	0.00	163	0	N.D.	
44) C542 2,6-Dinitrotoluene	9.12	165	199	N.D.	
45) C550 Acenaphthene	9.39	153	209	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.60	168	205	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	9.99	166	342	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	0.00	149	0	N.D.	
54) C620 1,2-diphenylhydrazi	0.00	77	0	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.01	178	3973	0.22 ng	92
64) C645 Anthracene	11.06	178	404	N.D.	
65) C647 carbazole	11.90	167	573	N.D.	
66) C650 Di-n-butylphthalate	0.00	149	0	N.D. d	
67) C655 Fluoranthene	12.13	202	1212	N.D.	
69) C715 Pyrene	12.34	202	569	N.D.	
70) C710 benzidine	0.00	184	0	N.D.	
72) C720 Butylbenzylphthalat	0.00	149	0	N.D. d	
73) C725 3,3'-Dichlorobenzid	13.37	252	376	N.D.	
74) C730 Benzo[a]anthracene	13.39	228	2633	N.D.	
75) C735 Chrysene	13.41	228	13022	0.67 ng	93
76) C740 bis(2-Ethylhexyl)phth	13.40	149	12951	0.86 ng	87
77) C760 Di-n-octylphthalate	13.96	149	4462	N.D.	
79) C765 Benzo[b]fluoranthen	14.25	252	603	N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d	
81) C775 Benzo[a]pyrene	14.51	252	180	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.	
83) C785 Dibenz[a,h]anthrace	15.53	278	172	N.D.	
84) C790 Benzo[g,h,i]perylen	15.80	276	197	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

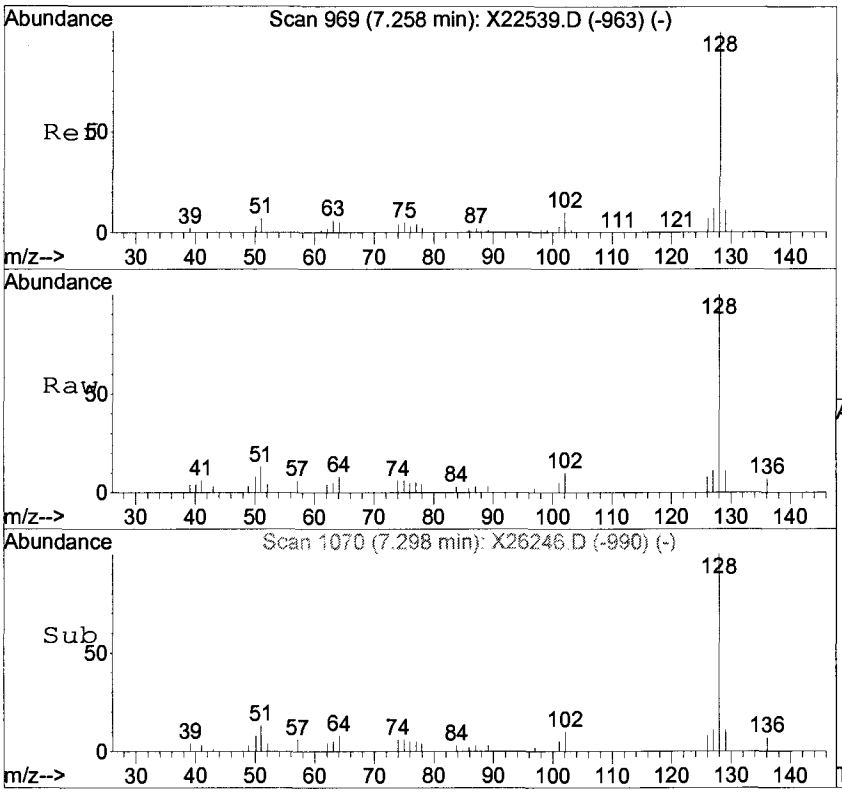
Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26246.D Vial: 12
Acq On : 6 Sep 2008 13:49 Operator: RM
Sample : SBLK40 AW80015937 Inst : HP5973X
Misc : A643/630/713/718 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 12:14:54 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Wed Sep 10 12:14:32 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

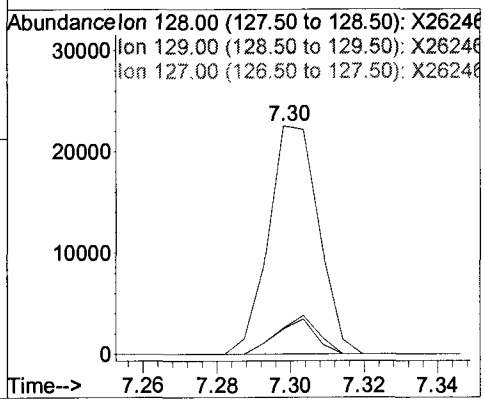
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.74	152	197727	40.00 ng	-0.10 54.75%
4) CI40 Naphthalene-d8	7.28	136	753039	40.00 ng	-0.08 59.21%
7) CI50 Acenaphthene-d8	9.36	164	395517	40.00 ng	-0.06 73.71%
10) CI60 Phenanthrene-d10	10.99	188	661213	40.00 ng	-0.05 85.37%
12) CI70 Chrysene-d12	13.39	240	636444	40.00 ng	-0.05 77.12%
13) CI75 Perylene-d12	14.57	264	612730	40.00 ng	-0.06 53.57%
Target Compounds					Qvalue
2) E600 Benzaldehyde	5.35	77	697	N.D.	
3) E145 Acetophenone	6.24	105	371	N.D.	
5) E655 Caprolactam	7.83	113	175	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.69	154	3146	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

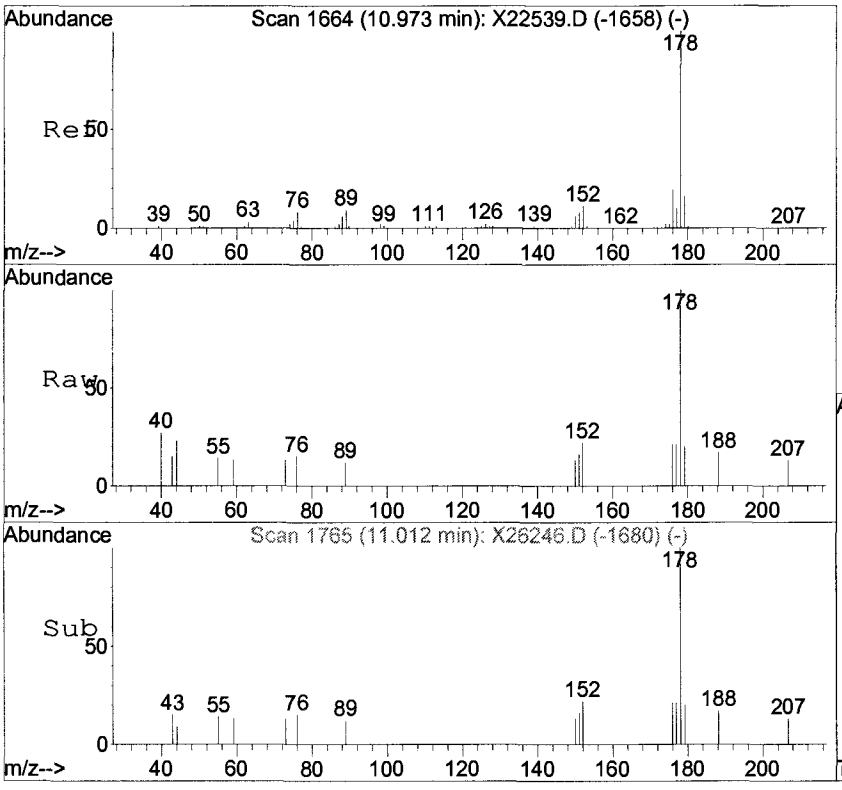
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30
C450 Naphthalene
Concen: 1.02 ng
RT: 7.30 min Scan# 1070
Delta R.T. -0.07 min
Lab File: X26246.D
Acq: 6 Sep 2008 13:49

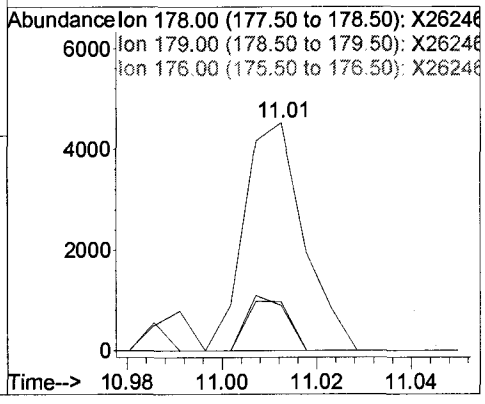
Tgt Ion:128	Resp:	21338
Ion	Ratio	Lower	Upper
128	100		
129	11.0	0.0	31.0
127	11.3	0.0	32.6

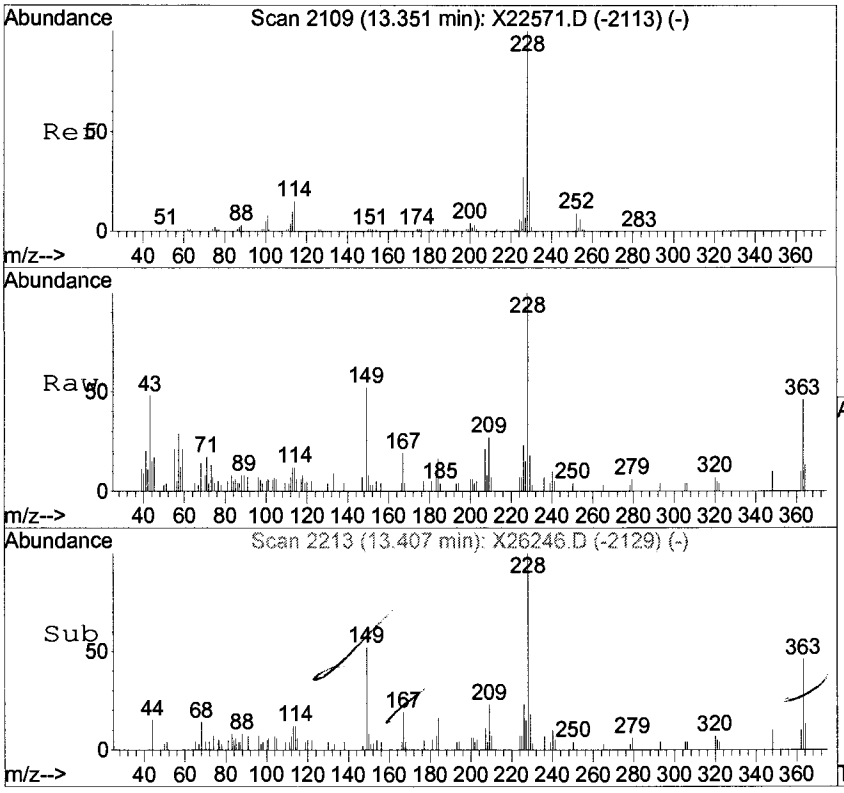




#63
C640 Phenanthrene
Concen: 0.22 ng
RT: 11.01 min Scan# 1765
Delta R.T. -0.05 min
Lab File: X26246.D
Acq: 6 Sep 2008 13:49

Tgt Ion:178	Resp:	3973
Ion	Ratio	Lower	Upper
178	100		
179	19.8	0.0	35.2
176	21.4	0.0	38.7

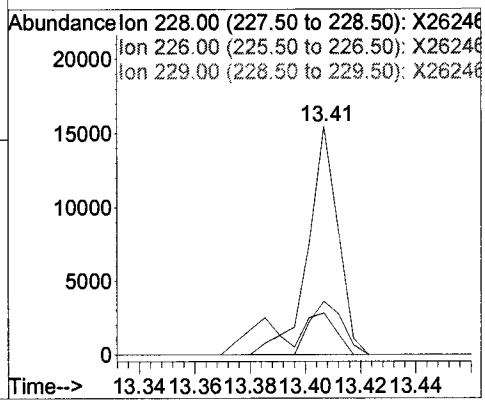


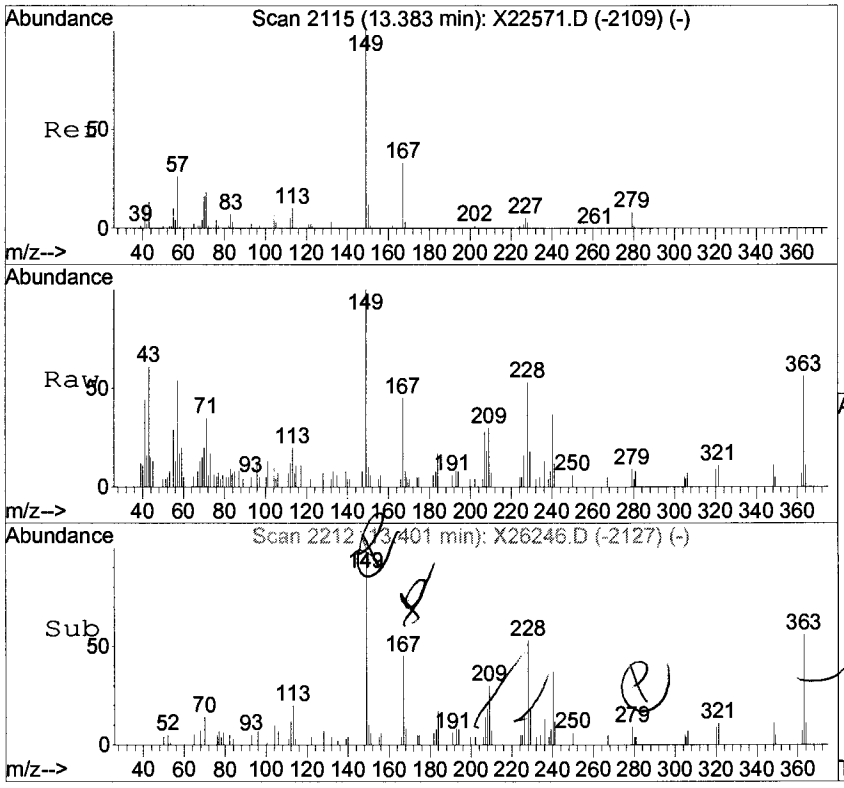


#75
C735 Chrysene
Concen: 0.67 ng
RT: 13.41 min Scan# 2213
Delta R.T. -0.05 min
Lab File: X26246.D
Acq: 6 Sep 2008 13:49

Tgt Ion:228 Resp: 13022

Ion	Ratio	Lower	Upper
228	100		
226	23.3	8.5	48.5
229	18.1	0.0	39.5

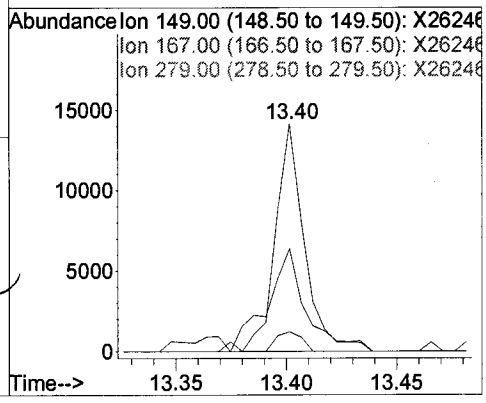




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.86 ng
RT: 13.40 min Scan# 2212
Delta R.T. -0.05 min
Lab File: X26246.D
Acq: 6 Sep 2008 13:49

Tgt Ion:149 Resp: 12951

Ion	Ratio	Lower	Upper
149	100		
167	45.1	16.2	56.2
279	8.5	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146001

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V30989.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2600	
208-96-8	Acenaphthylene	320	U
98-86-2	Acetophenone	320	U
120-12-7	Anthracene	320	U
1912-24-9	Atrazine	320	U
100-52-7	Benzaldehyde	320	U
56-55-3	Benzo(a)anthracene	320	U
205-99-2	Benzo(b)fluoranthene	320	U
207-08-9	Benzo(k)fluoranthene	320	U
191-24-2	Benzo(ghi)perylene	320	U
50-32-8	Benzo(a)pyrene	320	U
92-52-4	Biphenyl	320	U
111-91-1	Bis(2-chloroethoxy) methane	320	U
111-44-4	Bis(2-chloroethyl) ether	320	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	320	U
117-81-7	Bis(2-ethylhexyl) phthalate	320	U
101-55-3	4-Bromophenyl phenyl ether	320	U
85-68-7	Butyl benzyl phthalate	320	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	320	U
59-50-7	4-Chloro-3-methylphenol	2700	
91-58-7	2-Chloronaphthalene	320	U
95-57-8	2-Chlorophenol	2500	
7005-72-3	4-Chlorophenyl phenyl ether	320	U
86-74-8	Carbazole	320	U
218-01-9	Chrysene	19	BJ
53-70-3	Dibenzo(a,h)anthracene	320	U
132-64-9	Dibenzofuran	320	U
84-74-2	Di-n-butyl phthalate	320	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	320	U
84-66-2	Diethyl phthalate	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146001

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V30989.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	320	U
131-11-3	Dimethyl phthalate	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	2800	
606-20-2	2,6-Dinitrotoluene	320	U
117-84-0	Di-n-octyl phthalate	320	U
206-44-0	Fluoranthene	320	U
86-73-7	Fluorene	320	U
118-74-1	Hexachlorobenzene	320	U
87-68-3	Hexachlorobutadiene	320	U
77-47-4	Hexachlorocyclopentadiene	320	U
67-72-1	Hexachloroethane	320	U
193-39-5	Indeno(1,2,3-cd)pyrene	320	U
78-59-1	Isophorone	320	U
91-57-6	2-Methylnaphthalene	320	U
95-48-7	2-Methylphenol	320	U
106-44-5	4-Methylphenol	320	U
91-20-3	Naphthalene	320	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	320	U
88-75-5	2-Nitrophenol	320	U
100-02-7	4-Nitrophenol	2300	
86-30-6	N-nitrosodiphenylamine	320	U
621-64-7	N-Nitroso-Di-n-propylamine	2600	
87-86-5	Pentachlorophenol	2500	
85-01-8	Phenanthrene	7	J
108-95-2	Phenol	2300	
129-00-0	Pyrene	2900	
95-95-4	2,4,5-Trichlorophenol	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146001

Sample wt/vol: 30.48 (g/mL) G Lab File ID: V30989.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

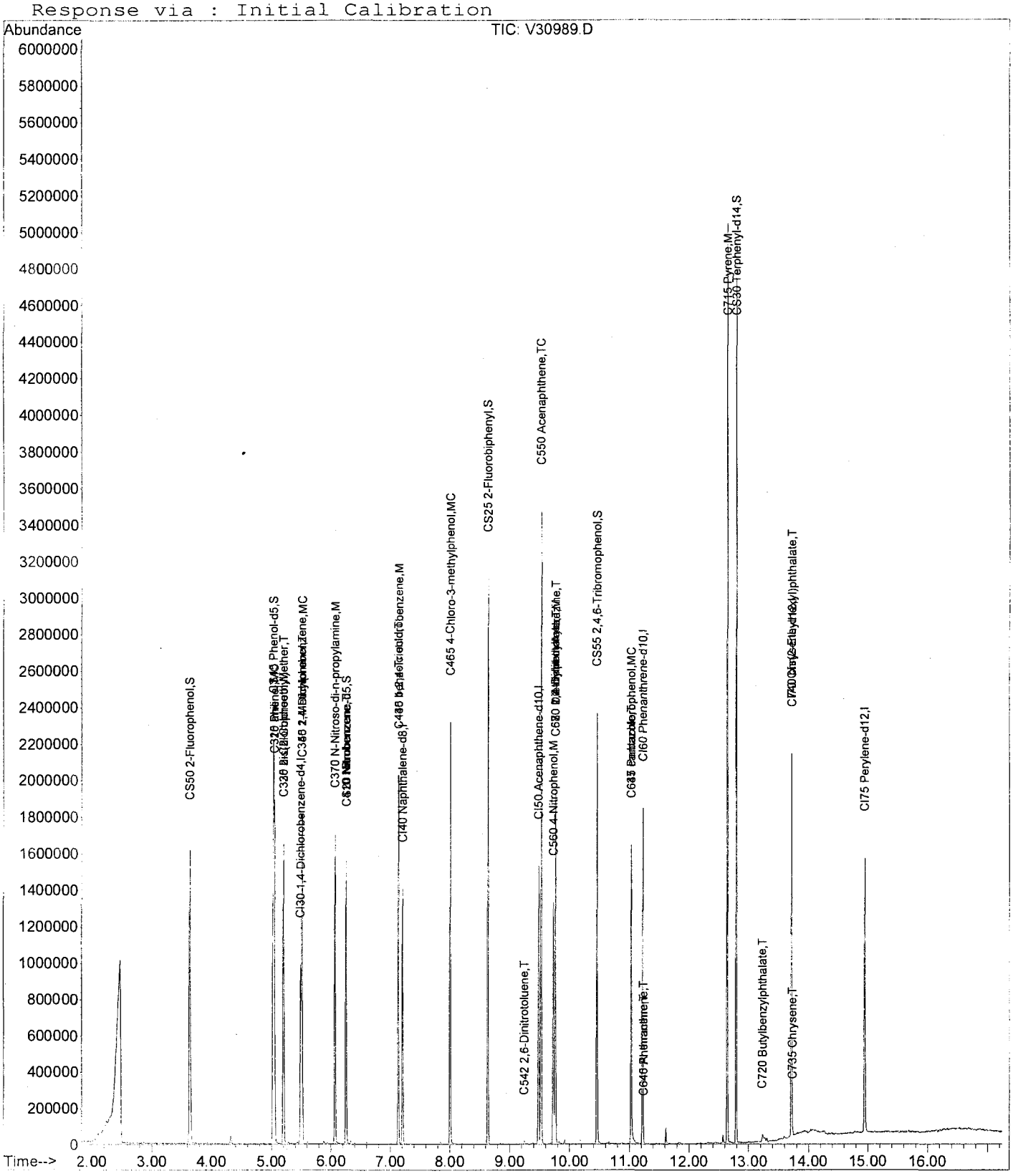
GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	320	U

Data File : D:\DATA\090208\V30989.D
Acq On : 2 Sep 2008 15:40
Sample : MSB AS80010953
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 3 7:05 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report **1798/3648**

Data File : D:\DATA\090208\V30989.D Vial: 19
Acq On : 2 Sep 2008 15:40 Operator: MD
Sample : MSB AS80010953 Inst : HP5973V
Misc : 08-A399/457/60/75 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:06 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	161636	40.00	ng	0.00 85.66%
20) CI40 Naphthalene-d8	7.20	136	595759	40.00	ng	0.00 85.82%
35) CI50 Acenaphthene-d10	9.48	164	348372	40.00	ng	0.00 88.83%
56) CI60 Phenanthrene-d10	11.23	188	729380	40.00	ng	0.00 91.28%
68) CI70 Chrysene-d12	13.72	240	676553	40.00	ng	0.00 95.48%
78) CI75 Perylene-d12	14.95	264	527388	40.00	ng	0.00 92.16%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.64	112	604825	99.29	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 66.19%			
5) CS45 Phenol-d5	5.03	99	865860	110.72	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 73.81%			
6) CS70 2-chlorophenol-d4	5.20	132	171	0.03	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.26	82	565074	74.06	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 74.06%			
39) CS25 2-Fluorobiphenyl	8.64	172	954919	73.02	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 73.02%			
59) CS55 2,4,6-Tribromophenol	10.46	330	218443	144.50	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 96.33%			
71) CS30 Terphenyl-d14	12.79	244	1291825	84.32	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 84.32%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
~~4) C325 bis(2-Chloroethyl)eth~~	~~5.20~~	~~93~~	~~13163~~	~~1.87~~	~~ng #~~	~~1~~
7) C315 Phenol	5.05	94	610308	70.31	ng	88
8) C330 2-Chlorophenol	5.20	128	439287	76.11	ng	81
~~9) C320 aniline~~	~~5.05~~	~~93~~	~~12748~~	~~1.19~~	~~ng #~~	~~1~~
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.52	146	445153	70.44	ng	97
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	5.85	45	174	N.D.		
~~16) C355 2-Methylphenol~~	~~5.52~~	~~108~~	~~5706~~	~~1.04~~	~~ng #~~	~~55~~
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.07	70	411639	78.85	ng #	68
19) C365 4-Methylphenol	6.26	108	189	N.D.		
~~22) C410 Nitrobenzene~~	~~6.26~~	~~77~~	~~2199~~	~~0.26~~	~~ng #~~	~~34~~
23) C415 Isophorone	0.00	82	0	N.D.		
~~24) C430 benzoic acid~~	~~7.14~~	~~122~~	~~1662~~	~~43.78~~	~~ng #~~	~~1~~
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30989.D
Acq On : 2 Sep 2008 15:40
Sample : MSB AS80010953
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:06 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.			
27)	C435 bis(2-Chloroethoxy)me	7.13	93	697	N.D.			
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.			
29)	C445 1,2,4-Trichlorobenzen	7.14	180	402594	75.88	ng		96
30)	C450 Naphthalene	7.23	128	349	N.D.			
31)	C455 4-Chloroaniline	8.01	127	791	N.D.			
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylphen	8.01	107	467965	81.93	ng	#	76
34)	C470 2-Methylnaphthalene	8.13	142	392	N.D.			
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41)	C530 2-Nitroaniline	0.00	65	0	N.D.			
42)	C540 Acenaphthylene	0.00	152	0	N.D.			
43)	C535 Dimethylphthalate	0.00	163	0	N.D.			
44)	C542 2,6-Dinitrotoluene	9.25	165	2197	0.85	ng	#	51
45)	C550 Acenaphthene	9.52	153	867998	79.51	ng		97
46)	C545 3-Nitroaniline	8.64	138	453	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	9.92	168	1343	N.D.			
49)	C570 2,4-Dinitrotoluene	9.76	165	308565	86.49	ng	#	71
50)	C560 4-Nitrophenol	9.73	109	204601	68.95	ng	#	69
51)	C590 Fluorene	10.17	166	198	N.D.			
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.			
53)	C580 Diethylphthalate	9.76	149	6285	0.47	ng	#	73
54)	C620 1,2-diphenylhydrazine	9.76	77	60563	3.70	ng		82
55)	C595 4-Nitroaniline	0.00	138	0	N.D.			
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylamin	9.92	169	251	N.D.			
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	11.03	266	160254	77.21	ng		97
63)	C640 Phenanthrene	11.25	178	3753	0.21	ng		92
64)	C645 Anthracene	11.25	178	3753	0.20	ng		93
65)	C647 Carbazole	11.03	167	84064	4.67	ng		72
66)	C650 Di-n-butylphthalate	11.85	149	1790	N.D.			
67)	C655 Fluoranthene	12.43	202	1242	N.D.			
69)	C715 Pyrene	12.64	202	1971216	87.20	ng		90
70)	C710 benzidine	0.00	184	0	N.D.			
72)	C720 Butylbenzylphthalate	13.23	149	2539	0.26	ng	#	65
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.			
74)	C730 Benzo[a]anthracene	13.71	228	2304	N.D.			
75)	C735 Chrysene	13.74	228	12016	0.58	ng		95
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	15682	1.17	ng		88
77)	C760 Di-n-octylphthalate	14.25	149	2650	N.D.			
79)	C765 Benzo[b]fluoranthene	14.61	252	183	N.D.			
80)	C770 Benzo[k]fluoranthene	14.64	252	428	N.D.			
81)	C775 Benzo[a]pyrene	14.95	252	3023	N.D.			
82)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.			
83)	C785 Dibenz[a,h]anthracene	16.01	278	340	N.D.			
84)	C790 Benzo[g,h,i]perylene	16.32	276	520	N.D.			

9/2/08

(#) = qualifier out of range (m) = manual integration

Quantitation Report

1800/3648

Data File : D:\DATA\090208\V30989.D
Acq On : 2 Sep 2008 15:40
Sample : MSB AS80010953
Misc : 08-A399/457/60/75
MS Integration Params: rteint.p
Quant Time: Sep 03 18:46:34 2008

Vial: 19
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	161636	40.00	ng	-0.09 102.15%
4) CI40 Naphthalene-d8	7.20	136	595759	40.00	ng	-0.08 106.61%
7) CI50 Acenaphthene-d10	9.48	164	348372	40.00	ng	-0.07 108.03%
10) CI60 Phenanthrene-d10	11.23	188	729380	40.00	ng	-0.06 115.03%
12) CI70 Chrysene-d12	13.72	240	676553	40.00	ng	-0.06 99.69%
13) CI75 Perylene-d12	14.95	264	527388	40.00	ng	-0.07 97.10%

Target Compounds						Qvalue
~~2) E600 Benzaldehyde~~	~~5.05~~	~~77~~	~~8575~~	~~1.41~~	~~ng~~	~~# 1~~
3) E145 Acetophenone	0.00	105	0	N.D.		
~~5) E655 Caprolactam~~	~~8.01~~	~~113~~	~~15899~~	~~11.38~~	~~ng~~	~~# 36~~
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.76	154	1290	N.D.		
9) E230 2,3,4,6-Tetrachloroph	9.92	232	3353	1.36	ng	91
~~11) E510 Atrazine~~	~~11.03~~	~~200~~	~~32822~~	~~7.95~~	~~ng~~	~~# 31~~

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31073.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	75	
208-96-8	Acenaphthylene	74	
98-86-2	Acetophenone	64	
120-12-7	Anthracene	82	
1912-24-9	Atrazine	58	
100-52-7	Benzaldehyde	54	
56-55-3	Benzo(a)anthracene	85	
205-99-2	Benzo(b)fluoranthene	73	
207-08-9	Benzo(k)fluoranthene	78	
191-24-2	Benzo(ghi)perylene	120	
50-32-8	Benzo(a)pyrene	87	
92-52-4	Biphenyl	68	
111-91-1	Bis(2-chloroethoxy) methane	63	
111-44-4	Bis(2-chloroethyl) ether	56	
108-60-1	2,2'-Oxybis(1-Chloropropane)	44	
117-81-7	Bis(2-ethylhexyl) phthalate	94	
101-55-3	4-Bromophenyl phenyl ether	88	
85-68-7	Butyl benzyl phthalate	94	B
106-47-8	4-Chloroaniline	78	
59-50-7	4-Chloro-3-methylphenol	74	
91-58-7	2-Chloronaphthalene	70	
95-57-8	2-Chlorophenol	53	
7005-72-3	4-Chlorophenyl phenyl ether	79	
105-60-2	Caprolactam	27	J
86-74-8	Carbazole	82	
218-01-9	Chrysene	82	B
53-70-3	Dibenzo(a,h)anthracene	110	
132-64-9	Dibenzofuran	77	
84-74-2	Di-n-butyl phthalate	92	B
91-94-1	3,3'-Dichlorobenzidine	94	
120-83-2	2,4-Dichlorophenol	68	
84-66-2	Diethyl phthalate	85	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31073.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	64	
131-11-3	Dimethyl phthalate	80	
534-52-1	4,6-Dinitro-2-methylphenol	98	
51-28-5	2,4-Dinitrophenol	82	
121-14-2	2,4-Dinitrotoluene	92	
606-20-2	2,6-Dinitrotoluene	92	
117-84-0	Di-n-octyl phthalate	91	
206-44-0	Fluoranthene	78	
86-73-7	Fluorene	80	
118-74-1	Hexachlorobenzene	90	
87-68-3	Hexachlorobutadiene	58	
77-47-4	Hexachlorocyclopentadiene	55	
67-72-1	Hexachloroethane	53	
193-39-5	Indeno(1,2,3-cd)pyrene	120	
78-59-1	Isophorone	67	
91-57-6	2-Methylnaphthalene	72	
95-48-7	2-Methylphenol	56	
106-44-5	4-Methylphenol	55	
91-20-3	Naphthalene	64	
88-74-4	2-Nitroaniline	79	
99-09-2	3-Nitroaniline	82	
100-01-6	4-Nitroaniline	82	
98-95-3	Nitrobenzene	62	
88-75-5	2-Nitrophenol	69	
100-02-7	4-Nitrophenol	35	J
86-30-6	N-nitrosodiphenylamine	100	
621-64-7	N-Nitroso-Di-n-propylamine	67	
87-86-5	Pentachlorophenol	86	
85-01-8	Phenanthrene	84	
108-95-2	Phenol	29	
129-00-0	Pyrene	85	
95-95-4	2,4,5-Trichlorophenol	79	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31073.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	80	

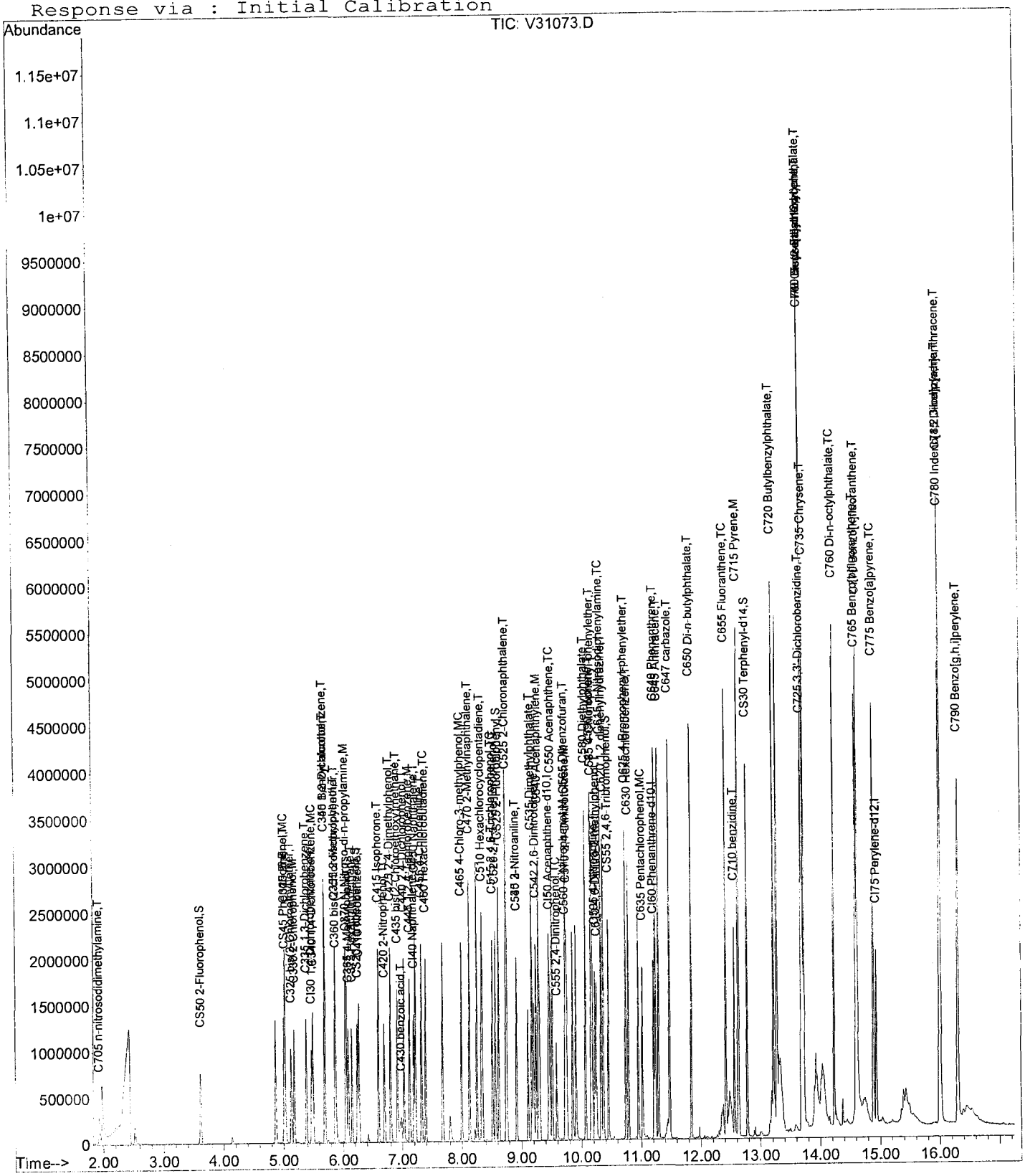
Quantitation Report (Not Reviewed)

Data File : D:\DATA\090308\V31073.D
Acq On : 4 Sep 2008 3:19
Sample : MSB AW80015620
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 7:33 2008

Vial: 20
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31073.D
Acq On : 4 Sep 2008 3:19
Sample : MSB AW80015620
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:07 2008

Vial: 20
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	162349	40.00	ng		0.00 83.63%
20) CI40 Naphthalene-d8	7.19	136	613792	40.00	ng		0.00 84.47%
35) CI50 Acenaphthene-d10	9.47	164	362054	40.00	ng		0.00 88.01%
56) CI60 Phenanthrene-d10	11.22	188	766804	40.00	ng		0.00 87.88%
68) CI70 Chrysene-d12	13.71	240	694414	40.00	ng		0.00 85.17%
78) CI75 Perylene-d12	14.93	264	683619	40.00	ng		0.00 110.35%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	3.61	112	274718	44.90	ng		0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 29.93%				
5) CS45 Phenol-d5	5.01	99	284948	36.28	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 24.19%				
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#				
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#				
21) CS20 Nitrobenzene-d5	6.24	82	471859	60.02	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 60.02%				
39) CS25 2-Fluorobiphenyl	8.63	172	886885	65.26	ng		0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 65.26%				
59) CS55 2,4,6-Tribromophenol	10.45	330	216413	136.17	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 90.78%				
71) CS30 Terphenyl-d14	12.78	244	1109084	70.53	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 70.53%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	1.93	74	186194	38.38	ng		89
4) C325 bis(2-Chloroethyl)eth	5.13	93	394884	55.97	ng		88
7) C315 Phenol	5.02	94	252111	28.92	ng	#	1
8) C330 2-Chlorophenol	5.18	128	307378	53.02	ng	#	79
9) C320 aniline	5.02	93	708151	65.78	ng	#	59
10) C335 1,3-Dichlorobenzene	5.39	146	341000	53.72	ng		97
11) C340 1,4-Dichlorobenzene	5.49	146	341826	53.85	ng		98
13) C350 1,2-Dichlorobenzene	5.70	146	327355	55.90	ng		97
14) C345 Benzyl alcohol	5.69	108	253889	63.95	ng	#	62
15) C360 bis(2-chloroisopropyl	5.88	45	611152	43.71	ng		91
16) C355 2-Methylphenol	5.87	108	309268	56.24	ng		96
17) C375 Hexachloroethane	6.15	117	155506	53.37	ng		96
18) C370 N-Nitroso-di-n-propyl	6.06	70	353926	67.50	ng	#	70
19) C365 4-Methylphenol	6.09	108	316842	54.66	ng		85
22) C410 Nitrobenzene	6.27	77	537361	61.84	ng		80
23) C415 Isophorone	6.60	82	957419	67.24	ng		90
24) C430 benzoic acid	6.98	122	133946	75.64	ng	#	65
25) C420 2-Nitrophenol	6.70	139	194705	69.37	ng	#	62

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31073.D
Acq On : 4 Sep 2008 3:19
Sample : MSB AW80015620
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:07 2008

Vial: 20
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.80	107	451268	64.44	ng		83
27)	C435 bis(2-Chloroethoxy)me	6.92	93	529060	62.94	ng		95
28)	C440 2,4-Dichlorophenol	7.03	162	333932	67.62	ng		91
29)	C445 1,2,4-Trichlorobenzen	7.12	180	341611	62.50	ng		97
30)	C450 Naphthalene	7.22	128	1062614	63.57	ng		98
31)	C455 4-Chloroaniline	7.32	127	535858	78.34	ng		99
32)	C460 Hexachlorobutadiene	7.39	225	247158	58.53	ng		96
33)	C465 4-Chloro-3-methylphen	7.99	107	437166	74.29	ng	#	75
34)	C470 2-Methylnaphthalene	8.13	142	779058	72.17	ng		98
36)	C510 Hexachlorocyclopentad	8.34	237	244753	55.38	ng		100
37)	C515 2,4,6-Trichlorophenol	8.52	196	291964	79.52	ng		92
38)	C520 2,4,5-Trichlorophenol	8.57	196	318479	79.28	ng		95
40)	C525 2-Chloronaphthalene	8.76	162	776611	69.62	ng		93
41)	C530 2-Nitroaniline	8.92	65	386484	78.70	ng	#	65
42)	C540 Acenaphthylene	9.29	152	1355705	73.92	ng		97
43)	C535 Dimethylphthalate	9.18	163	1046920	80.41	ng		97
44)	C542 2,6-Dinitrotoluene	9.24	165	247329	91.89	ng	#	73
45)	C550 Acenaphthene	9.51	153	853310	75.21	ng		95
46)	C545 3-Nitroaniline	8.92	138	304263	82.49	ng		80
47)	C555 2,4-Dinitrophenol	9.59	184	133113	82.25	ng		89
48)	C565 Dibenzofuran	9.74	168	1284419	76.92	ng		95
49)	C570 2,4-Dinitrotoluene	9.75	165	339718	91.62	ng	#	70
50)	C560 4-Nitrophenol	9.72	109	97019	34.86	ng	#	74
51)	C590 Fluorene	10.16	166	1087194	79.87	ng		92
52)	C585 4-Chlorophenyl-phenyl	10.17	204	562463	78.72	ng		95
53)	C580 Diethylphthalate	10.07	149	1186857	85.24	ng		97
54)	C620 1,2 diphenylhydrazine	10.36	77	1308733	76.97	ng		92
55)	C595 4-Nitroaniline	10.22	138	252036	81.51	ng	#	50
57)	C610 4,6-Dinitro-2-methylp	10.25	198	200934	97.67	ng		100
58)	C615 n-Nitrosodiphenylamin	10.33	169	966044	103.51	ng		98
60)	C625 4-Bromophenyl-phenyle	10.74	248	327235	88.06	ng		92
61)	C630 Hexachlorobenzene	10.79	284	342617	89.84	ng		93
62)	C635 Pentachlorophenol	11.02	266	190122	85.96	ng		99
63)	C640 Phenanthrene	11.24	178	1594969	84.44	ng		96
64)	C645 Anthracene	11.30	178	1605762	82.03	ng		95
65)	C647 carbazole	11.48	167	1550864	81.99	ng		97
66)	C650 Di-n-butylphthalate	11.85	149	2025604	92.24	ng		96
67)	C655 Fluoranthene	12.42	202	1893759	78.52	ng		95
69)	C715 Pyrene	12.63	202	1971473	84.96	ng		91
70)	C710 benzidine	12.56	184	793995	75.10	ng		99
72)	C720 Butylbenzylphthalate	13.22	149	939649	94.32	ng	#	72
73)	C725 3,3'-Dichlorobenzidin	13.68	252	688397	93.61	ng		98
74)	C730 Benzo[a]anthracene	13.70	228	1843320	85.16	ng		97
75)	C735 Chrysene	13.73	228	1752810	82.57	ng		96
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	1288589	93.59	ng		92
77)	C760 Di-n-octylphthalate	14.23	149	2133141	91.02	ng		95
79)	C765 Benzo[b]fluoranthene	14.60	252	1839038	72.78	ng		89
80)	C770 Benzo[k]fluoranthene	14.62	252	1835330	78.57	ng		90
81)	C775 Benzo[a]pyrene	14.89	252	1906303	86.93	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	16.00	276	2887320	115.83	ng		85
83)	C785 Dibenz[a,h]anthracene	16.01	278	2376721	112.37	ng		93
84)	C790 Benzo[g,h,i]perylene	16.31	276	2424769	116.32	ng		89

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31073.D
Acq On : 4 Sep 2008 3:19
Sample : MSB AW80015620
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:43 2008

Vial: 20
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	162349	40.00	ng		0.00 102.60%
4) CI40 Naphthalene-d8	7.19	136	613792	40.00	ng		0.00 109.84%
7) CI50 Acenaphthene-d10	9.47	164	362054	40.00	ng		0.00 112.27%
10) CI60 Phenanthrene-d10	11.22	188	766804	40.00	ng		0.00 120.94%
12) CI70 Chrysene-d12	13.71	240	694414	40.00	ng		0.00 102.32%
13) CI75 Perylene-d12	14.93	264	683619	40.00	ng		0.00 125.87%
Target Compounds							Qvalue
2) E600 Benzaldehyde	4.86	77	333967	54.53	ng		90
3) E145 Acetophenone	6.04	105	601524	63.50	ng		94
5) E655 Caprolactam	7.80	113	48427	27.40	ng	#	70
6) E195 1,2,4,5-Tetrachlorob	8.35	216	400621	69.96	ng		97
8) C811 1,1'-Bipheny1	8.75	154	1013679	68.17	ng		95
9) E230 2,3,4,6-Tetrachloroph	9.91	232	292299	114.13	ng		94
11) E510 Atrazine	10.95	200	252026	58.06	ng		95

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	81	
208-96-8	Acenaphthylene	80	
98-86-2	Acetophenone	68	
120-12-7	Anthracene	88	
1912-24-9	Atrazine	64	
100-52-7	Benzaldehyde	59	
56-55-3	Benzo(a)anthracene	92	
205-99-2	Benzo(b)fluoranthene	82	
207-08-9	Benzo(k)fluoranthene	88	
191-24-2	Benzo(ghi)perylene	120	
50-32-8	Benzo(a)pyrene	98	
92-52-4	Biphenyl	72	
111-91-1	Bis(2-chloroethoxy) methane	69	
111-44-4	Bis(2-chloroethyl) ether	60	
108-60-1	2,2'-Oxybis(1-Chloropropane)	44	
117-81-7	Bis(2-ethylhexyl) phthalate	97	
101-55-3	4-Bromophenyl phenyl ether	94	
85-68-7	Butyl benzyl phthalate	98	B
106-47-8	4-Chloroaniline	84	
59-50-7	4-Chloro-3-methylphenol	89	
91-58-7	2-Chloronaphthalene	73	
95-57-8	2-Chlorophenol	60	
7005-72-3	4-Chlorophenyl phenyl ether	87	
105-60-2	Caprolactam	34	J
86-74-8	Carbazole	90	
218-01-9	Chrysene	89	B
53-70-3	Dibenzo(a,h)anthracene	120	
132-64-9	Dibenzofuran	84	
84-74-2	Di-n-butyl phthalate	100	B
91-94-1	3,3'-Dichlorobenzidine	100	
120-83-2	2,4-Dichlorophenol	79	
84-66-2	Diethyl phthalate	95	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	76	
131-11-3	Dimethyl phthalate	90	
534-52-1	4,6-Dinitro-2-methylphenol	120	
51-28-5	2,4-Dinitrophenol	120	
121-14-2	2,4-Dinitrotoluene	110	
606-20-2	2,6-Dinitrotoluene	100	
117-84-0	Di-n-octyl phthalate	96	
206-44-0	Fluoranthene	90	
86-73-7	Fluorene	89	
118-74-1	Hexachlorobenzene	98	
87-68-3	Hexachlorobutadiene	36	
77-47-4	Hexachlorocyclopentadiene	48	
67-72-1	Hexachloroethane	26	
193-39-5	Indeno(1,2,3-cd)pyrene	130	
78-59-1	Isophorone	74	
91-57-6	2-Methylnaphthalene	69	
95-48-7	2-Methylphenol	66	
106-44-5	4-Methylphenol	65	
91-20-3	Naphthalene	54	
88-74-4	2-Nitroaniline	92	
99-09-2	3-Nitroaniline	92	
100-01-6	4-Nitroaniline	97	
98-95-3	Nitrobenzene	67	
88-75-5	2-Nitrophenol	76	
100-02-7	4-Nitrophenol	45	J
86-30-6	N-nitrosodiphenylamine	110	
621-64-7	N-Nitroso-Di-n-propylamine	74	
87-86-5	Pentachlorophenol	99	
85-01-8	Phenanthrene	92	B
108-95-2	Phenol	34	
129-00-0	Pyrene	87	
95-95-4	2,4,5-Trichlorophenol	95	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

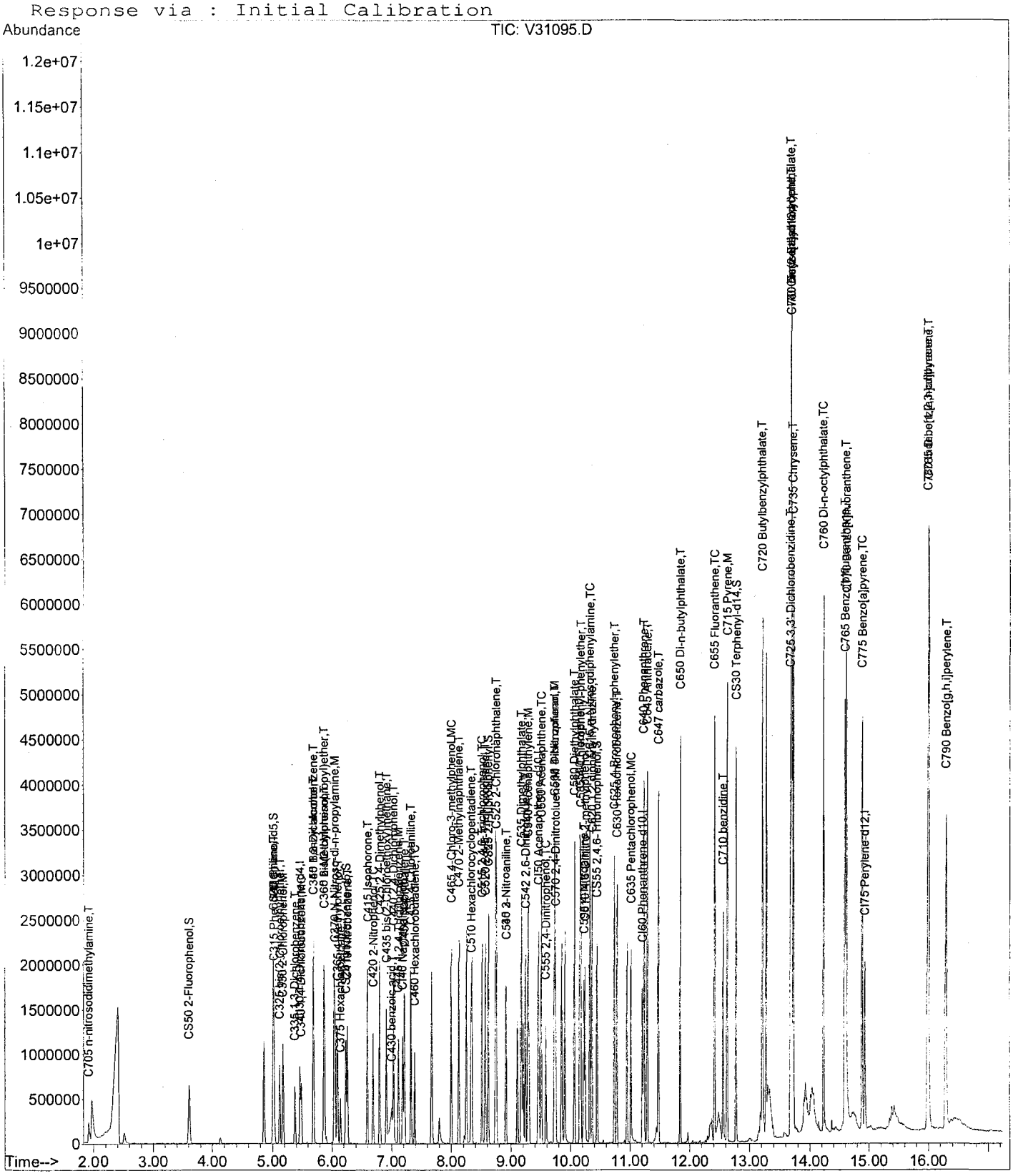
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	90	

Data File : D:\DATA\090408\V31095.D Vial: 11
Acq On : 4 Sep 2008 13:23 Operator: MD
Sample : MSB AW80015761 Inst : HP5973V
Misc : 08-A465/75523 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 22:30 2008 Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31095.D
Acq On : 4 Sep 2008 13:23
Sample : MSB AW80015761
Misc : 08-A465/75523
MS Integration Params: RTEINT.P
Quant Time: Sep 04 22:30:51 2008

Vial: 11
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31085.D (4 Sep 2008 9:34)

SSMP 9/5/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	138137	40.00	ng	0.00 90.85%
20) CI40 Naphthalene-d8	7.18	136	515209	40.00	ng	0.00 91.53%
35) CI50 Acenaphthene-d10	9.46	164	299018	40.00	ng	0.00 89.97%
56) CI60 Phenanthrene-d10	11.21	188	664462	40.00	ng	0.00 93.49%
68) CI70 Chrysene-d12	13.71	240	692150	40.00	ng	0.00 95.07%
78) CI75 Perylene-d12	14.93	264	643994	40.00	ng	0.00 107.37%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	276609	53.13	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 35.42%			
5) CS45 Phenol-d5	5.01	99	296793	44.41	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 29.61%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.23	82	447288	67.78	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.78%			
39) CS25 2-Fluorobiphenyl	8.61	172	814636	72.58	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 72.58%			
59) CS55 2,4,6-Tribromophenol	10.45	330	217901	158.23	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 105.49%			
71) CS30 Terphenyl-d14	12.78	244	1129853	72.08	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 72.08%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.92	74	171872	41.63	ng	95
4) C325 bis(2-Chloroethyl)eth	5.12	93	357393	59.54	ng	85
7) C315 Phenol	5.03	94	254935	34.37	ng #	39
8) C330 2-Chlorophenol	5.17	128	294503	59.71	ng #	76
9) C320 aniline	5.02	93	653350	71.33	ng #	52
10) C335 1,3-Dichlorobenzene	5.38	146	157216	29.11	ng	98
11) C340 1,4-Dichlorobenzene	5.48	146	161614	29.92	ng	99
13) C350 1,2-Dichlorobenzene	5.69	146	169773	34.08	ng	96
14) C345 Benzyl alcohol	5.69	108	243020	71.94	ng #	53
15) C360 bis(2-chloroisopropyl	5.87	45	522060	43.89	ng #	10
16) C355 2-Methylphenol	5.87	108	309859	66.22	ng	93
17) C375 Hexachloroethane	6.15	117	65246	26.31	ng	94
18) C370 N-Nitroso-di-n-propyl	6.05	70	328222	73.57	ng #	70
19) C365 4-Methylphenol	6.09	108	320312	64.95	ng #	75
22) C410 Nitrobenzene	6.26	77	490811	67.29	ng	78
23) C415 Isophorone	6.60	82	890912	74.54	ng	92
24) C430 benzoic acid	7.00	122	196742	99.84	ng #	59
25) C420 2-Nitrophenol	6.69	139	178074	75.58	ng #	50

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31095.D
Acq On : 4 Sep 2008 13:23
Sample : MSB AW80015761
Misc : 08-A465/75523
MS Integration Params: RTEINT.P
Quant Time: Sep 04 22:30:51 2008

Vial: 11
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.80	107	445931	75.87	ng		85
27)	C435 bis(2-Chloroethoxy)me	6.91	93	484784	68.70	ng		96
28)	C440 2,4-Dichlorophenol	7.03	162	327800	79.08	ng		89
29)	C445 1,2,4-Trichlorobenzen	7.11	180	214066	46.66	ng		98
30)	C450 Naphthalene	7.21	128	751673	53.57	ng		99
31)	C455 4-Chloroaniline	7.32	127	479585	83.53	ng		99
32)	C460 Hexachlorobutadiene	7.39	225	127104	35.86	ng		96
33)	C465 4-Chloro-3-methylphen	8.00	107	438960	88.87	ng	#	78
34)	C470 2-Methylnaphthalene	8.12	142	626693	69.16	ng		99
36)	C510 Hexachlorocyclopentad	8.33	237	173809	47.62	ng		98
37)	C515 2,4,6-Trichlorophenol	8.51	196	274676	90.58	ng		94
38)	C520 2,4,5-Trichlorophenol	8.57	196	314628	94.83	ng		98
40)	C525 2-Chloronaphthalene	8.75	162	673912	73.15	ng		93
41)	C530 2-Nitroaniline	8.91	65	372903	91.94	ng	#	62
42)	C540 Acenaphthylene	9.28	152	1212971	80.08	ng		98
43)	C535 Dimethylphthalate	9.17	163	966541	89.88	ng		96
44)	C542 2,6-Dinitrotoluene	9.24	165	226194	101.75	ng	#	69
45)	C550 Acenaphthene	9.51	153	761686	81.29	ng		98
46)	C545 3-Nitroaniline	8.92	138	281828	92.52	ng		79
47)	C555 2,4-Dinitrophenol	9.58	184	161989	115.17	ng	#	71
48)	C565 Dibenzofuran	9.73	168	1151649	83.50	ng		87
49)	C570 2,4-Dinitrotoluene	9.75	165	325149	106.18	ng	#	63
50)	C560 4-Nitrophenol	9.73	109	109466	45.34	ng	#	1
51)	C590 Fluorene	10.15	166	997877	88.76	ng		91
52)	C585 4-Chlorophenyl-phenyl	10.17	204	514141	87.13	ng		97
53)	C580 Diethylphthalate	10.06	149	1093224	95.07	ng		97
54)	C620 1,2 diphenylhydrazine	10.36	77	1203029	85.67	ng		91
55)	C595 4-Nitroaniline	10.22	138	248316	97.23	ng	#	52
57)	C610 4,6-Dinitro-2-methylp	10.24	198	215765	119.06	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	879185	108.71	ng		96
60)	C625 4-Bromophenyl-phenyle	10.74	248	302178	93.84	ng		95
61)	C630 Hexachlorobenzene	10.78	284	325118	98.38	ng		92
62)	C635 Pentachlorophenol	11.02	266	193047	99.17	ng		97
63)	C640 Phenanthrene	11.24	178	1508452	92.16	ng		95
64)	C645 Anthracene	11.29	178	1488925	87.77	ng		94
65)	C647 carbazole	11.48	167	1479044	90.23	ng		96
66)	C650 Di-n-butylphthalate	11.84	149	1899176	99.80	ng		95
67)	C655 Fluoranthene	12.42	202	1888613	90.37	ng		90
69)	C715 Pyrene	12.63	202	2004952	86.69	ng		89
70)	C710 benzidine	12.56	184	845952	80.28	ng		98
72)	C720 Butylbenzylphthalate	13.21	149	971867	97.87	ng	#	69
73)	C725 3,3'-Dichlorobenzidin	13.68	252	746908	101.90	ng		98
74)	C730 Benzo[a]anthracene	13.69	228	1985744	92.04	ng		96
75)	C735 Chrysene	13.73	228	1886007	89.13	ng		94
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	1337634	97.47	ng		90
77)	C760 Di-n-octylphthalate	14.23	149	2248226	96.25	ng		94
79)	C765 Benzo[b]fluoranthene	14.59	252	1956627	82.19	ng		89
80)	C770 Benzo[k]fluoranthene	14.62	252	1946844	88.47	ng		90
81)	C775 Benzo[a]pyrene	14.89	252	2023538	97.96	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	16.00	276	2964934	126.27	ng		84
83)	C785 Dibenz[a,h]anthracene	16.01	278	2465955	123.76	ng		93
84)	C790 Benzo[g,h,i]perylene	16.30	276	2403467	122.39	ng		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31095.D
Acq On : 4 Sep 2008 13:23
Sample : MSB AW80015761
Misc : 08-A465/75/52
MS Integration Params: rteint.p
Quant Time: Sep 05 14:10:49 2008

Vial: 11
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	138137	40.00	ng	0.01 87.30%
4) CI40 Naphthalene-d8	7.18	136	515209	40.00	ng	0.00 92.20%
7) CI50 Acenaphthene-d10	9.46	164	299018	40.00	ng	0.01 92.73%
10) CI60 Phenanthrene-d10	11.21	188	664462	40.00	ng	0.01 104.79%
12) CI70 Chrysene-d12	13.71	240	692150	40.00	ng	0.02 101.99%
13) CI75 Perylene-d12	14.93	264	643994	40.00	ng	0.01 118.57%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.86	77	307549	59.02	ng	90
3) E145 Acetophenone	6.03	105	552252	68.51	ng	90
5) E655 Caprolactam	7.80	113	52128	34.24	ng	# 55
6) E195 1,2,4,5-Tetrachlorob	8.34	216	341802	71.11	ng	97
8) C811 1,1'-Biphenyl	8.74	154	881118	71.74	ng	95
9) E230 2,3,4,6-Tetrachloroph	9.90	232	278462	131.65	ng	90
11) E510 Atrazine	10.95	200	242313	64.42	ng	93

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171801

Sample wt/vol: 30.27 (g/mL) G Lab File ID: V31144.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2900	
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	330	U
50-32-8	Benzo(a)pyrene	330	U
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	330	U
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	330	U
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	3000	
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	2700	
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	18	BJ
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171801

Sample wt/vol: 30.27 (g/mL) G Lab File ID: V31144.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	3200	
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	330	U
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	2700	
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	2900	
87-86-5	Pentachlorophenol	3100	
85-01-8	Phenanthrene	330	U
108-95-2	Phenol	2500	
129-00-0	Pyrene	3000	
95-95-4	2,4,5-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB52

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2171801

Sample wt/vol: 30.27 (g/mL) G Lab File ID: V31144.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

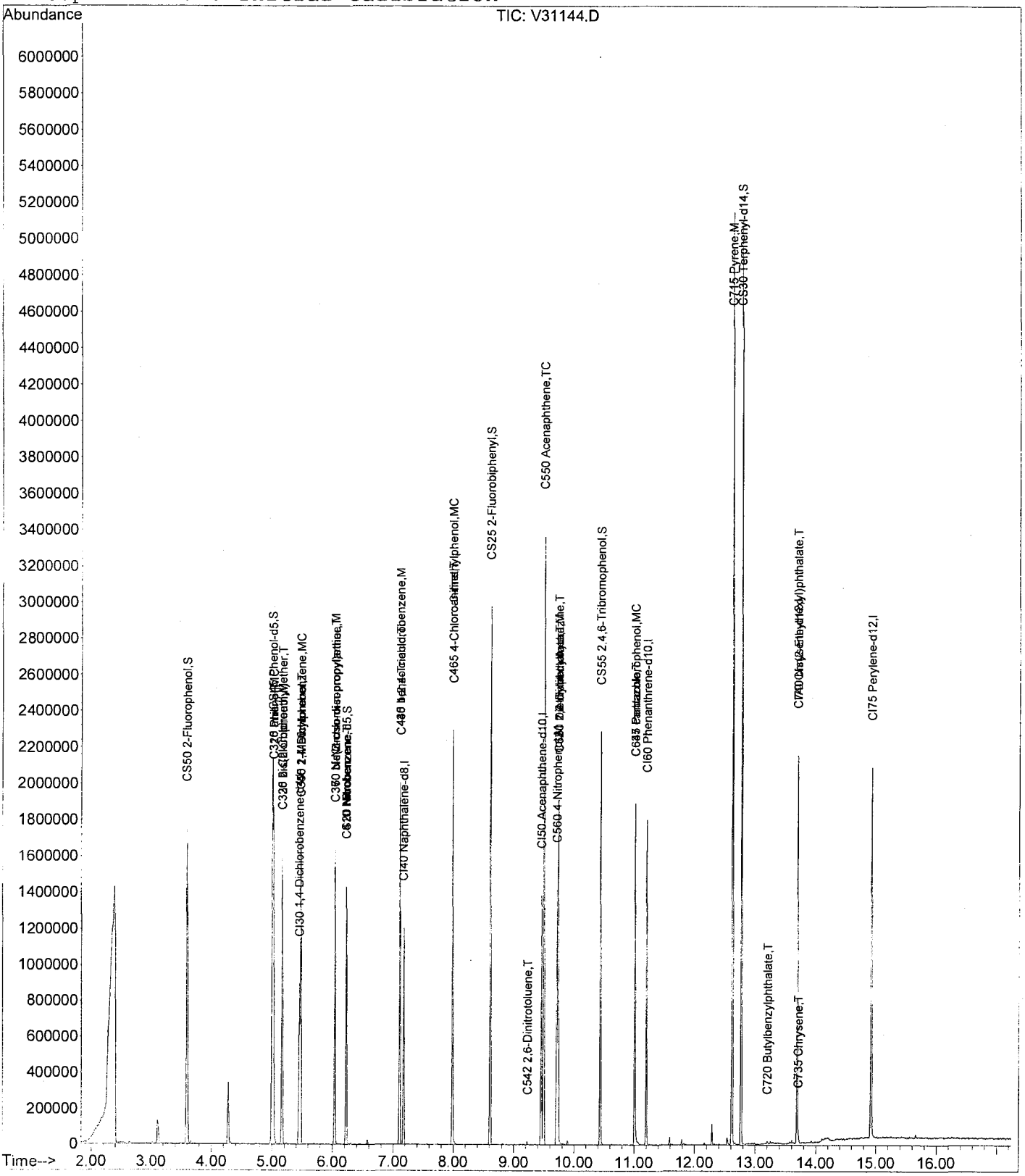
GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

Data File : D:\DATA\090408\V31144.D
Acq On : 5 Sep 2008 8:57
Sample : MSB AS80011327
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 5 15:49 2008

Vial: 24
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration



Quantitation Report **1819/3648**

Data File : D:\DATA\090408\V31144.D Vial: 24
Acq On : 5 Sep 2008 8:57 Operator: JLG
Sample : MSB AS80011327 Inst : HP5973V
Misc : 8-A656, A613, A629, A713 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 05 15:49:41 2008 Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31120.D (4 Sep 2008 23:49)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	137357	40.00	ng	0.00 98.54%
20) CI40 Naphthalene-d8	7.17	136	506529	40.00	ng	0.00 98.50%
35) CI50 Acenaphthene-d10	9.45	164	293802	40.00	ng	0.00 98.76%
56) CI60 Phenanthrene-d10	11.20	188	640555	40.00	ng	0.00 101.52%
68) CI70 Chrysene-d12	13.69	240	655920	40.00	ng	0.00 102.82%
78) CI75 Perylene-d12	14.92	264	727067	40.00	ng	0.00 136.49%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.59	112	578893	111.83	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 74.55%			
5) CS45 Phenol-d5	5.00	99	809661	121.84	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 81.23%			
6) CS70 2-chlorophenol-d4	5.16	132	384	0.08	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.05%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.23	82	527946	81.38	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 81.38%			
39) CS25 2-Fluorobiphenyl	8.61	172	900298	81.63	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 81.63%			
59) CS55 2,4,6-Tribromophenol	10.44	330	218299	164.43	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 109.62%			
71) CS30 Terphenyl-d14	12.77	244	1310522	88.23	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 88.23%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
~~4) C325 bis(2-Chloroethyl)eth~~	~~5.16~~	~~93~~	~~11837~~	~~1.98 ng~~	~~#~~	~~1~~
7) C315 Phenol	5.02	94	566666	76.82	ng	83
8) C330 2-Chlorophenol	5.16	128	404257	82.42	ng #	76
~~9) C320 aniline~~	~~5.02~~	~~93~~	~~12232~~	~~1.34 ng~~	~~#~~	~~1~~
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.48	146	403020	75.04	ng	98
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
~~15) C360 bis(2-chloroisopropyl~~	~~6.04~~	~~45~~	~~2780~~	~~0.24 ng~~		~~64~~
~~16) C355 2-Methylphenol~~	~~5.47~~	~~108~~	~~4858~~	~~1.04 ng~~	~~#~~	~~55~~
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.04	70	386929	87.22	ng #	69
19) C365 4-Methylphenol	0.00	108	0	N.D.		
~~22) C410 Nitrobenzene~~	~~6.23~~	~~77~~	~~1525~~	~~0.21 ng~~	~~#~~	~~21~~
23) C415 Isophorone	0.00	82	0	N.D.		
~~24) C430 benzoic acid~~	~~7.11~~	~~122~~	~~2217~~	~~44.01 ng~~	~~#~~	~~1~~
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31144.D
Acq On : 5 Sep 2008 8:57
Sample : MSB AS80011327
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 05 15:49:41 2008

Vial: 24
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 15:48:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	7.11	93	170	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	7.11	180	367391	81.44 ng		99
30)	C450 Naphthalene	7.20	128	229	N.D.		
~~31)~~	~~C455 4-Chloroaniline~~	~~7.99~~	~~127~~	~~1251~~	~~0.22 ng~~	~~#~~	~~43~~
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	7.98	107	446156	91.87 ng	#	75
34)	C470 2-Methylnaphthalene	8.10	142	181	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	9.28	152	563	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	9.22	165	2633	1.21 ng		79
45)	C550 Acenaphthene	9.50	153	805886	87.53 ng		96
46)	C545 3-Nitroaniline	8.61	138	323	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	9.89	168	1023	N.D.		
49)	C570 2,4-Dinitrotoluene	9.74	165	294589	97.91 ng	#	65
50)	C560 4-Nitrophenol	9.71	109	210290	82.66 ng	#	68
51)	C590 Fluorene	10.14	166	166	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
~~53)~~	~~C580 Diethylphthalate~~	~~9.74~~	~~149~~	~~6231~~	~~0.55 ng~~	~~#~~	~~69~~
~~54)~~	~~C620 1,2-diphenylhydrazine~~	~~9.73~~	~~77~~	~~64178~~	~~4.65 ng~~		~~78~~
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	9.89	169	205	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	11.01	266	176633	94.59 ng		100
63)	C640 Phenanthrene	11.22	178	3080	N.D.		
64)	C645 Anthracene	11.27	178	491	N.D.		
~~65)~~	~~C647 carbazole~~	~~11.01~~	~~167~~	~~93950~~	~~5.95 ng~~		~~74~~
66)	C650 Di-n-butylphthalate	11.83	149	3136	N.D.		
67)	C655 Fluoranthene	12.41	202	1765	N.D.		
69)	C715 Pyrene	12.62	202	1966264	89.71 ng		92
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.20	149	3065	0.33 ng	#	65
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	0.00	228	0	N.D.		
75)	C735 Chrysene	13.72	228	~~13783~~ 11091	~~0.69 ng~~ 0.55ng		87
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	11981	0.92 ng		87
77)	C760 Di-n-octylphthalate	14.14	149	2675	N.D.		
79)	C765 Benzo[b]fluoranthene	14.58	252	474	N.D.		
80)	C770 Benzo[k]fluoranthene	14.60	252	624	N.D.		
81)	C775 Benzo[a]pyrene	14.86	252	270	N.D.		
82)	C780 Indeno[1,2,3-cd]pyren	15.97	276	553	N.D.		
83)	C785 Dibenz[a,h]anthracene	15.98	278	377	N.D.		
84)	C790 Benzo[g,h,i]perylene	16.26	276	743	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31144.D
Acq On : 5 Sep 2008 8:57
Sample : MSB AS80011327
Misc : 8-A656, A613, A629, A713
MS Integration Params: rteint.p
Quant Time: Sep 08 09:45:48 2008

Vial: 24
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	137357	40.00	ng	0.00 86.81%
4) CI40 Naphthalene-d8	7.17	136	506529	40.00	ng	0.00 90.65%
7) CI50 Acenaphthene-d10	9.45	164	293802	40.00	ng	0.00 91.11%
10) CI60 Phenanthrene-d10	11.20	188	640555	40.00	ng	0.00 101.02%
12) CI70 Chrysene-d12	13.69	240	655920	40.00	ng	0.00 96.65%
13) CI75 Perylene-d12	14.92	264	727067	40.00	ng	0.00 133.87%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.02	77	7613	1.47	ng	# 1
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	7.98	113	15449	12.55	ng	# 26
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloroph	9.89	232	3579	1.72	ng	84
11) E510 Atrazine	11.01	200	38421	10.60	ng	# 31

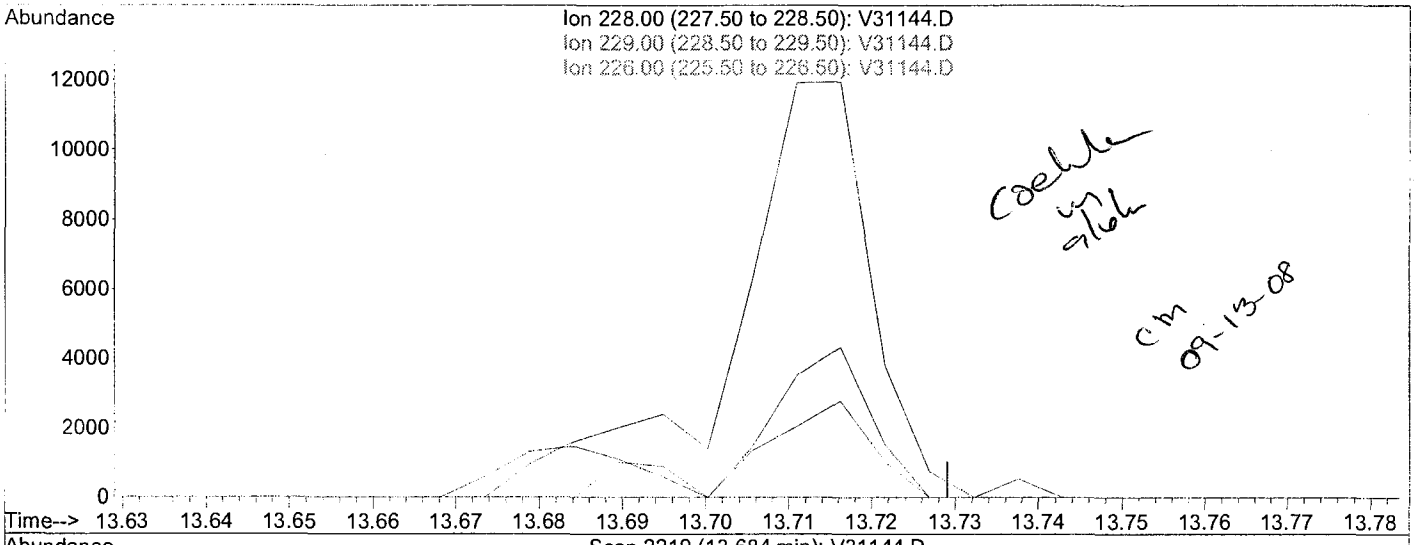
(#) = qualifier out of range (m) = manual integration

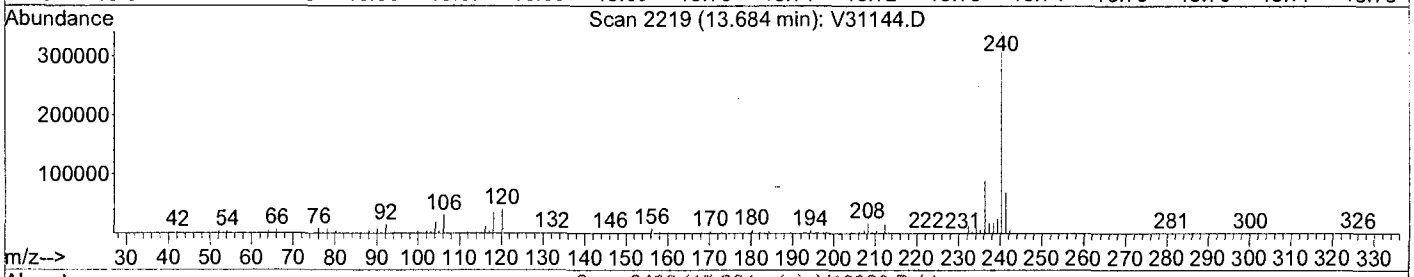
Quantitation Report (Qedit)

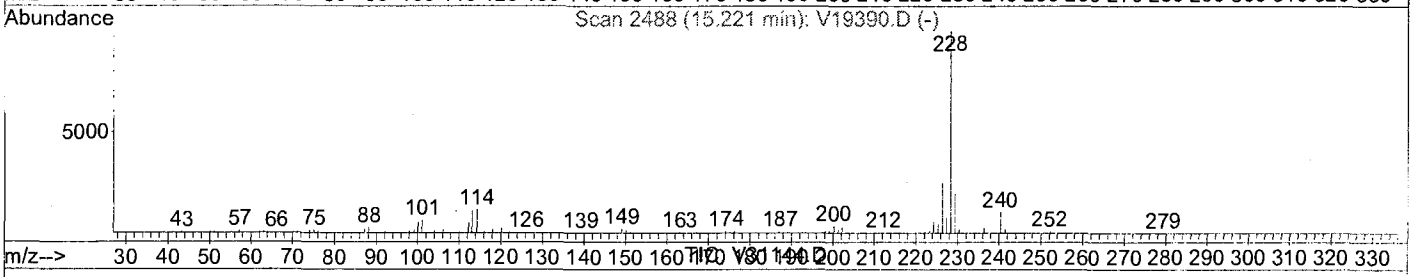
Data File : D:\DATA\090408\V31144.D
Acq On : 5 Sep 2008 8:57
Sample : MSB AS80011327
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 6 14:06 2008

Vial: 24
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(74) C730 Benzo[a]anthracene (T)

13.68min 0.00ng

response 0

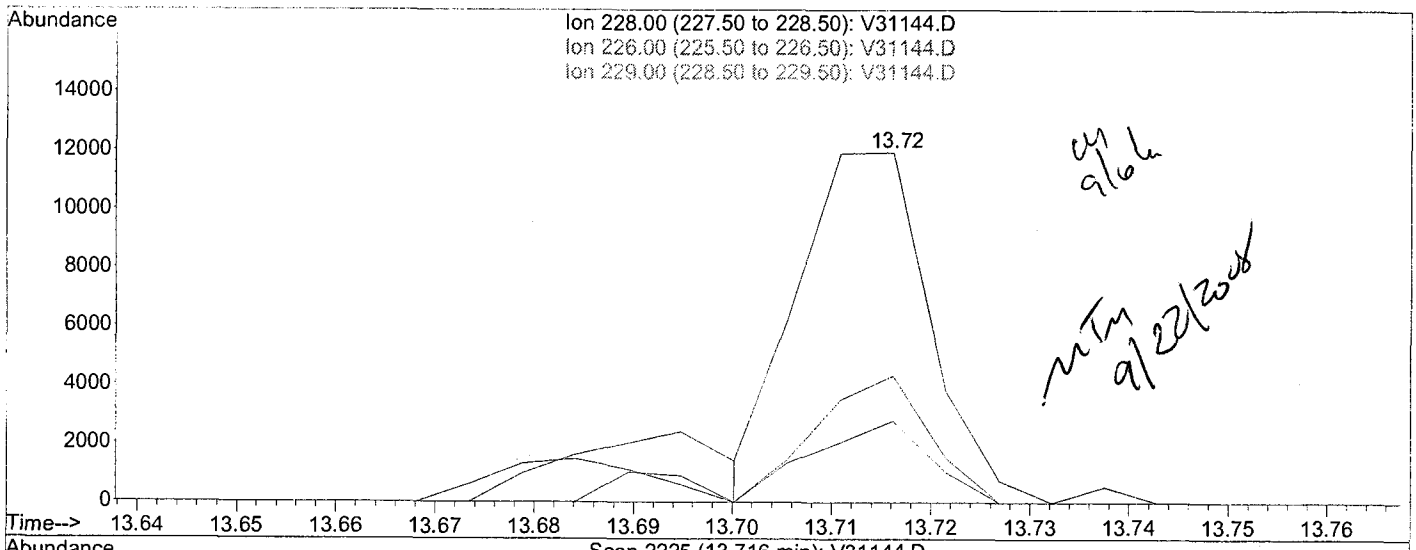
Ion	Exp%	Act%
228.00	100	0.00
229.00	19.50	0.00
226.00	25.60	0.00#
0.00	0.00	0.00

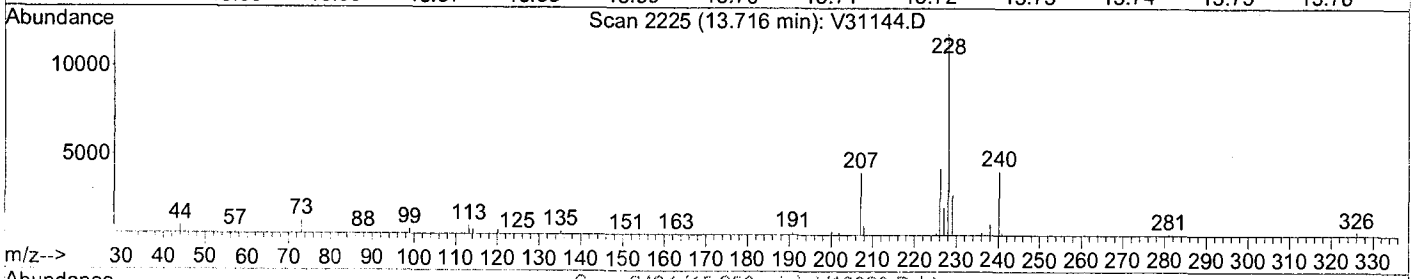
Quantitation Report (Qedit)

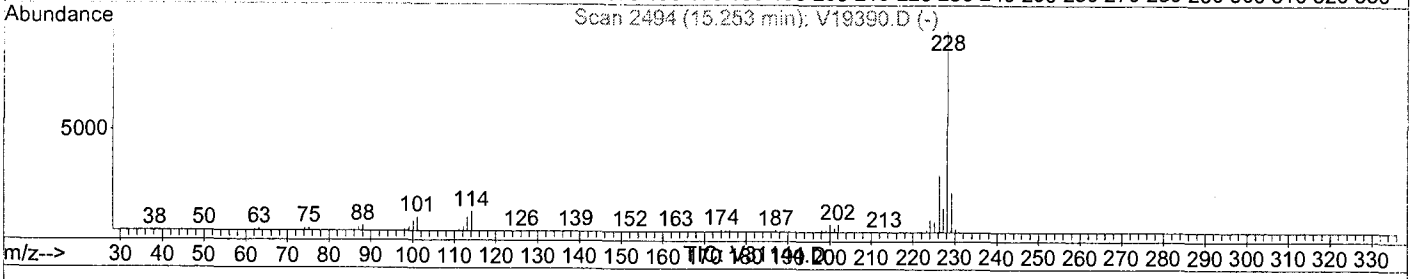
Data File : D:\DATA\090408\V31144.D
Acq On : 5 Sep 2008 8:57
Sample : MSB AS80011327
Misc : 8-A656, A613, A629, A713
MS Integration Params: RTEINT.P
Quant Time: Sep 6 14:06 2008

Vial: 24
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 14:56:05 2008
Response via : Multiple Level Calibration







(75) C735 Chrysene (T)

13.72min 0.55ng m

response 11091

Ion	Exp%	Act%
228.00	100	100
226.00	27.80	36.25
229.00	19.20	23.34
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172001

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W26151.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2700	
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	330	U
50-32-8	Benzo(a)pyrene	330	U
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	330	U
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	46	J
105-60-2	Caprolactam	1700	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	2800	
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	2300	
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	20	BJ
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172001

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W26151.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	3000	
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	330	U
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	2800	
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	2700	
87-86-5	Pentachlorophenol	2500	
85-01-8	Phenanthrene	330	U
108-95-2	Phenol	2400	
129-00-0	Pyrene	3000	
95-95-4	2,4,5-Trichlorophenol	330	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB65

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2172001

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W26151.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

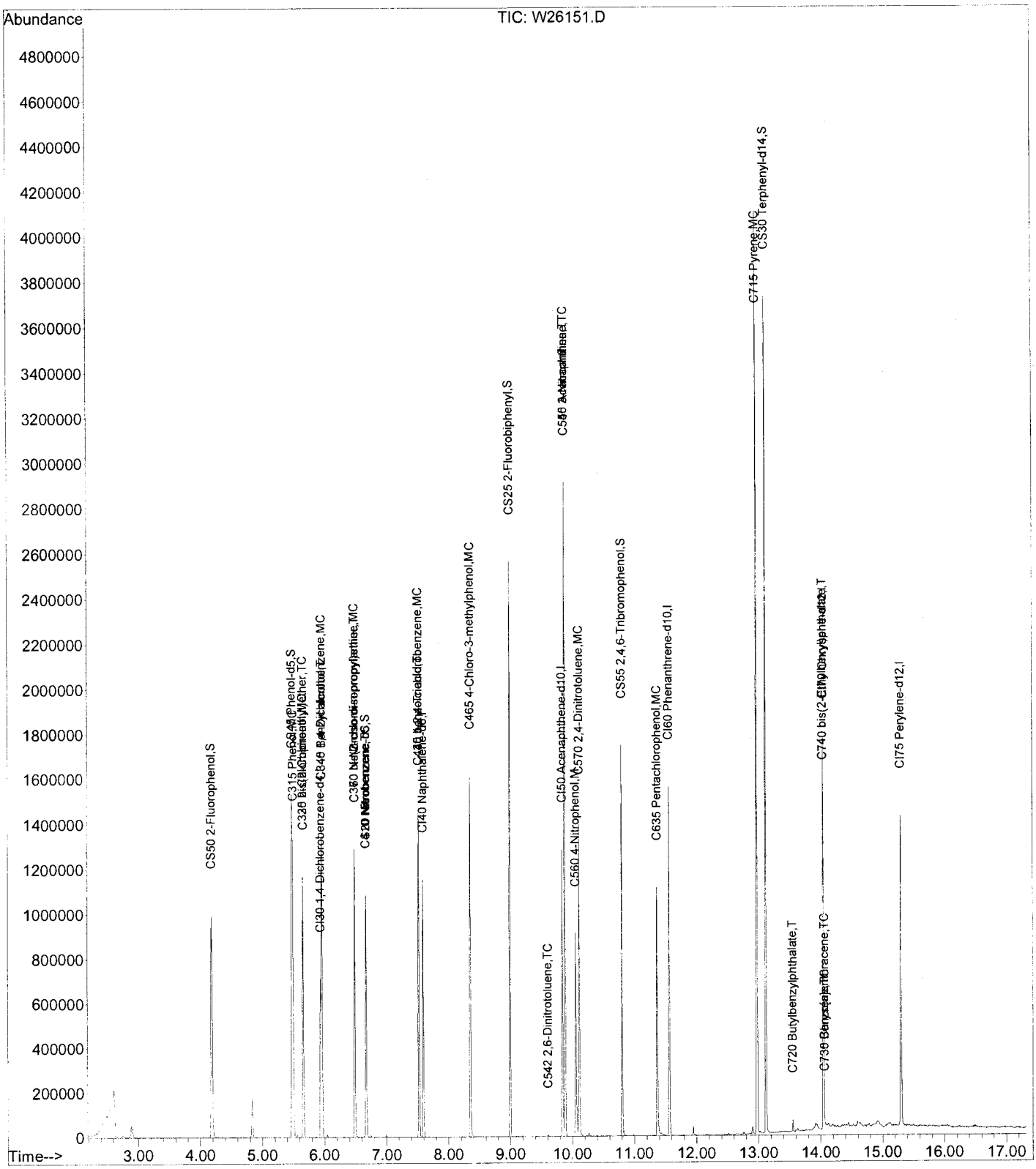
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

Data File : C:\MSDCHEM\1\DATA\090508\W26151.D Vial: 5
Acq On : 5 Sep 2008 13:16 Operator: JLG
Sample : MSB AS80011357 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 05 16:35:46 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26151.D Vial: 5
Acq On : 5 Sep 2008 13:16 Operator: JLG
Sample : MSB AS80011357 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 16:35:46 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	126777	40.00	ng	0.00 124.25%
20) CI40 Naphthalene-d8	7.59	136	551508	40.00	ng	0.00 127.30%
35) CI50 Acenaphthene-d10	9.84	164	321868	40.00	ng	0.00 125.66%
56) CI60 Phenanthrene-d10	11.56	188	589330	40.00	ng	0.00 124.23%
68) CI70 Chrysene-d12	14.04	240	560024	40.00	ng	0.00 115.46%
78) CI75 Perylene-d12	15.29	264	503842	40.00	ng	0.00 122.43%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.19	112	444452	98.52	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 65.68%			
5) CS45 Phenol-d5	5.48	99	687236	113.22	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 75.48%			
6) CS70 2-chlorophenol-d4	5.57	132	181	0.04	ng	-0.07
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.67	82	371680	77.70	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 77.70%			
39) CS25 2-Fluorobiphenyl	9.00	172	815168	76.76	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 76.76%			
59) CS55 2,4,6-Tribromophenol	10.80	330	181029	136.74	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 91.16%			
71) CS30 Terphenyl-d14	13.12	244	1107412	82.93	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 82.93%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
~~4) C325 bis(2-Chloroethyl)eth~~	~~5.66~~	~~93~~	~~7479~~	~~1.49~~	~~ng #~~	~~1~~
7) C315 Phenol	5.50	94	476060	72.44	ng	76
8) C330 2-Chlorophenol	5.66	128	361921	70.17	ng	91
9) C320 aniline	5.51	93	262	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.96	146	381080	69.16	ng	99
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
~~14) C345 Benzyl alcohol~~	~~5.96~~	~~108~~	~~2191~~	~~0.66~~	~~ng #~~	~~4~~
~~15) C360 bis(2-chloroisopropyl~~	~~6.49~~	~~45~~	~~1856~~	~~0.24~~	~~ng~~	~~76~~
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.49	70	276063	80.84	ng	91
19) C365 4-Methylphenol	0.00	108	0	N.D.		
~~22) C410 Nitrobenzene~~	~~6.67~~	~~77~~	~~1039~~	~~0.21~~	~~ng #~~	~~42~~
23) C415 Isophorone	0.00	82	0	N.D.		
~~24) C430 benzoic acid~~	~~7.52~~	~~122~~	~~1506~~	~~83.55~~	~~ng #~~	~~1~~
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	7.52	93	649	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : C:\MSDCHEM\1\DATA\090508\W26151.D Vial: 5
Acq On : 5 Sep 2008 13:16 Operator: JLG
Sample : MSB AS80011357 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 16:35:46 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Sep 05 12:00:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.53	180	301919	72.10	ng		99
30) C450 Naphthalene	7.62	128	491	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylphen	8.36	107	360588	85.24	ng		91
34) C470 2-Methylnaphthalene	8.43	142	1017	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
~~44) C542 2,6-Dinitrotoluene~~	~~9.60~~	~~165~~	~~2287~~	~~1.02~~	~~ng~~	~~#~~	~~65~~
45) C550 Acenaphthene	9.88	153	745659	81.01	ng		99
~~46) C545 3-Nitroaniline~~	~~9.88~~	~~138~~	~~581~~	~~0.22~~	~~ng~~	~~#~~	~~1~~
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	10.27	168	565	N.D.			
49) C570 2,4-Dinitrotoluene	10.11	165	281356	92.01	ng	#	2
50) C560 4-Nitrophenol	10.05	109	110146	84.50	ng	#	89
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydrazi	10.80	77	1134	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	11.37	266	134133	76.44	ng		97
63) C640 Phenanthrene	11.59	178	2467	N.D.			
64) C645 Anthracene	11.64	178	167	N.D.			
65) C647 carbazole	11.95	167	1611	N.D.			
66) C650 Di-n-butylphthalate	12.18	149	2033	N.D.			
67) C655 Fluoranthene	12.76	202	3237	N.D.			
69) C715 Pyrene	12.98	202	1633231	90.60	ng		99
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.55	149	11087	1.38	ng		98
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
~~74) C730 Benzo[a]anthracene~~	~~14.07~~	~~228~~	~~10507~~	~~0.64~~	~~ng~~		~~89~~
75) C735 Chrysene	14.07	228	10507	0.62	ng		92
76) C740 bis(2-Ethylhexyl)phth	14.03	149	11314	0.97	ng		94
77) C760 Di-n-octylphthalate	14.45	149	2511	N.D.			
79) C765 Benzo[b]fluoranthen	14.95	252	260	N.D.			
80) C770 Benzo[k]fluoranthen	14.95	252	260	N.D.			
81) C775 Benzo[a]pyrene	15.29	252	2819	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed) **1830/3648**

Data File : C:\MSDCHEM\1\DATA\090508\W26151.D Vial: 5
Acq On : 5 Sep 2008 13:16 Operator: JLG
Sample : MSB AS80011357 Inst : Instrumen
Misc : 8-A656, A716, A718, A703 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 05 18:10:56 2008 Results File: TCLADDS...0559.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0559.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 12:01:39 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26147.D (5 Sep 2008 11:40)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	126777	40.00	ng	0.00 124.91%
4) CI40 Naphthalene-d8	7.59	136	551508	40.00	ng	0.00 129.37%
7) CI50 Acenaphthene-d8	9.84	164	321868	40.00	ng	0.00 132.18%
10) CI60 Phenanthrene-d10	11.56	188	589330	40.00	ng	0.00 130.62%
12) CI70 Chrysene-d12	14.04	240	560024	40.00	ng	0.00 123.79%
13) CI75 Perylene-d12	15.29	264	503842	40.00	ng	0.00 122.37%

Target Compounds						Qvalue
~~2) E600 Benzaldehyde~~	~~5.50~~	~~77~~	~~4746~~	~~1.14~~	~~ng~~	~~# 6~~
3) E145 Acetophenone	0.00	105	0	N.D.		
~~5) E655 Caprolactam~~	~~8.36~~	~~113~~	~~9652~~	~~8.85~~	~~ng~~	~~# 11~~
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloroph	10.26	232	2844	1.32	ng	95
~~11) E510 Atrazine~~	~~11.37~~	~~200~~	~~25039~~	~~7.64~~	~~ng~~	~~# 32~~

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163701

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26216.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	72	
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	78	
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	64	
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	0.6	BJ
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163701

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26216.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	77	
606-20-2	2,6-Dinitrotoluene	0.8	J
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	28	
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	30	J
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	78	
87-86-5	Pentachlorophenol	64	
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	29	
129-00-0	Pyrene	95	
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB39

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2163701

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26216.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/03/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

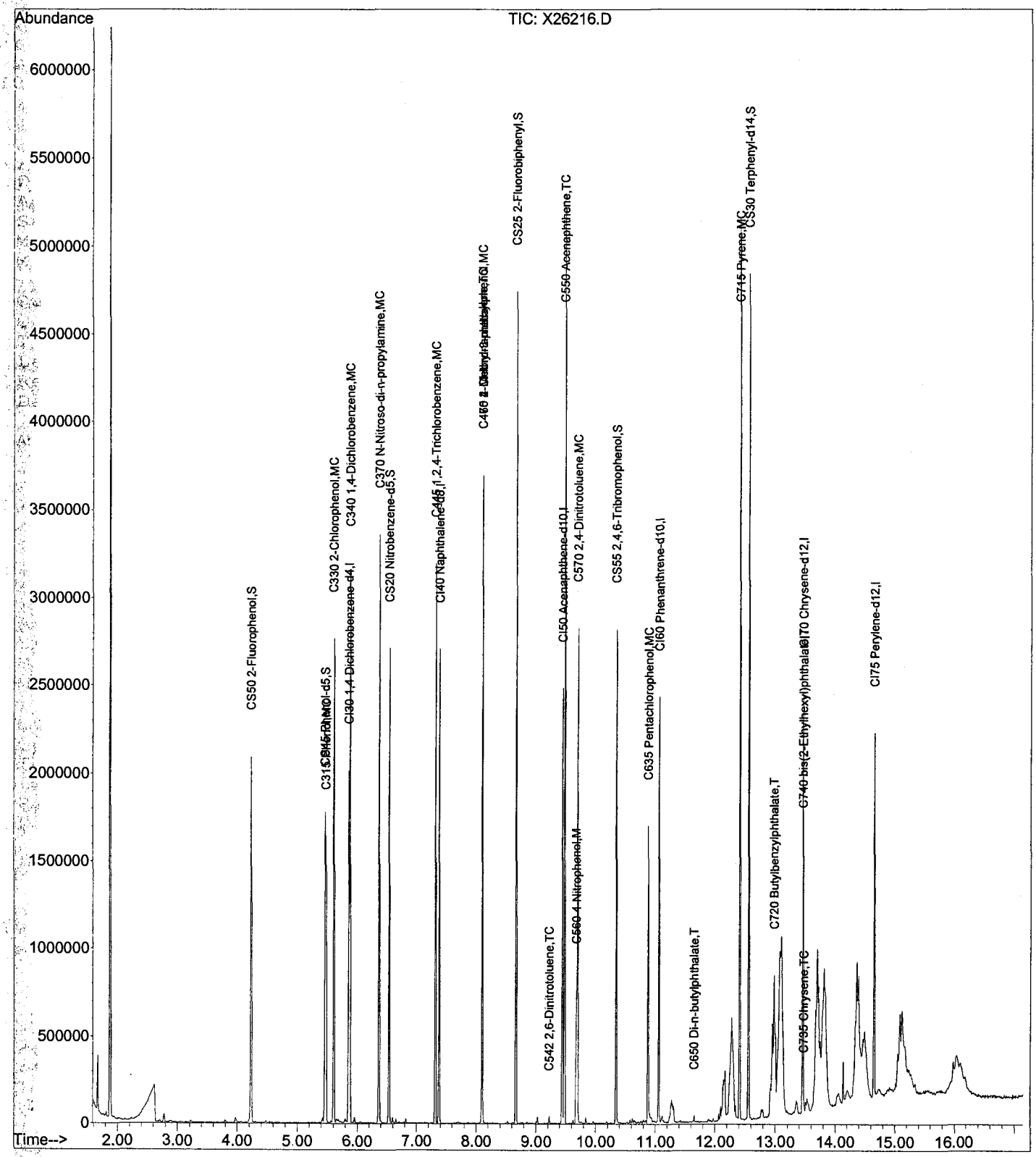
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\X26216.D
Acq On : 5 Sep 2008 14:07
Sample : MSB AW80015864
Misc : 08-A591/95/629/608
MS Integration Params: rteint.p

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 08 08:50:55 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\090508\X26216.D Vial: 11
Acq On : 5 Sep 2008 14:07 Operator: AJ
Sample : MSB AW80015864 Inst : HP5973X
Misc : 08-A591/95/629/608 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:50:55 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

SS
PD 9.8.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	292625	40.00	ng	0.00 101.32%
20) CI40 Naphthalene-d8	7.38	136	1062322	40.00	ng	0.00 106.14%
35) CI50 Acenaphthene-d10	9.44	164	528194	40.00	ng	0.00 105.71%
56) CI60 Phenanthrene-d10	11.06	188	788816	40.00	ng	0.00 102.08%
68) CI70 Chrysene-d12	13.45	240	661741	40.00	ng	0.00 95.67%
78) CI75 Perylene-d12	14.65	264	611059	40.00	ng	0.00 99.37%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.23	112	623287	55.72	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 37.15%			
5) CS45 Phenol-d5	5.46	99	604975	44.33	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 29.55%			
6) CS70 2-chlorophenol-d4	5.60	132	722	0.07	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.05%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.53	82	793659	71.77	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 71.77%			
39) CS25 2-Fluorobiphenyl	8.67	172	1335325	69.74	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 69.74%			
59) CS55 2,4,6-Tribromophenol	10.34	330	265058	134.67	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 89.78%			
71) CS30 Terphenyl-d14	12.56	244	1195956	84.69	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 84.69%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D. d		
7) C315 Phenol	5.48	94	428634	28.72	ng	97
8) C330 2-Chlorophenol	5.60	128	720560	64.10	ng	87
9) C320 aniline	0.00	93	0	N.D. d		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.88	146	648586	52.33	ng	98
13) C350 1,2-Dichlorobenzene	6.05	146	247	N.D.		
14) C345 Benzyl alcohol	6.05	108	714	N.D.		
15) C360 bis(2-chloroisoprop	6.19	45	346	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	6.51	117	191	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.37	70	578379	77.69	ng	88
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.56	77	384	N.D.		
23) C415 Isophorone	7.31	82	873	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D. d		
25) C420 2-Nitrophenol	6.93	139	194	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	7.31	93	741	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

9/9/08

Data File : D:\DATA\090508\X26216.D Vial: 11
Acq On : 5 Sep 2008 14:07 Operator: AJ
Sample : MSB AW80015864 Inst : HP5973X
Misc : 08-A591/95/629/608 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:50:55 2008 Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:34:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090508\X26207.D (5 Sep 2008 10:41)

SS AD 9-8-08

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	493646	61.74 ng		91
30) C450 Naphthalene	7.41	128	1800	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylphen	8.10	107	681337	78.39 ng		99
34) C470 2-Methylnaphthalene	8.10	142	515067	27.79 ng	#	18
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41) C530 2-Nitroaniline	10.02	65	176	N.D.		
42) C540 Acenaphthylene	9.28	152	229	N.D.		
43) C535 Dimethylphthalate	8.76	163	161	N.D.		
44) C542 2,6-Dinitrotoluene	9.23	165	3581	0.86 ng		88
45) C550 Acenaphthene	9.48	153	1163874	72.01 ng		99
46) C545 3-Nitroaniline	0.00	138	0	N.D. d		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	9.69	168	1249	N.D.		
49) C570 2,4-Dinitrotoluene	9.70	165	436771	77.12 ng		72
50) C560 4-Nitrophenol	9.68	109	86047	30.13 ng	#	55
51) C590 Fluorene	10.07	166	205	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	9.98	149	325	N.D.		
54) C620 1,2-diphenylhydrazi	10.25	77	188	N.D.		
55) C595 4-Nitroaniline	9.70	138	688	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	9.84	169	279	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	10.88	266	162574	63.94 ng		97
63) C640 Phenanthrene	11.08	178	4039	N.D.		
64) C645 Anthracene	11.12	178	193	N.D.		
65) C647 carbazole	11.32	167	607	N.D.		
66) C650 Di-n-butylphthalate	11.65	149	12197	0.45 ng		97
67) C655 Fluoranthene	0.00	202	0	N.D.		
69) C715 Pyrene	12.41	202	1933513	95.11 ng		89
70) C710 benzidine	0.00	184	0	N.D.		
72) C720 Butylbenzylphthalate	12.98	149	9371	0.86 ng		95
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.		
74) C730 Benzo[a]anthracene	13.46	228	1733	N.D.		
75) C735 Chrysene	13.48	228	11802	0.58 ng		99
76) C740 bis(2-Ethylhexyl)phth	13.47	149	19669	1.26 ng		92
77) C760 Di-n-octylphthalate	14.10	149	3376	N.D.		
79) C765 Benzo[b]fluoranthen	14.33	252	1024	N.D.		
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D. d		
81) C775 Benzo[a]pyrene	14.60	252	177	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	15.63	276	223	N.D.		
83) C785 Dibenz[a,h]anthrace	15.64	278	666	N.D.		
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090508\X26216.D Vial: 11
Acq On : 5 Sep 2008 14:07 Operator: AJ
Sample : MSB AW80015864 Inst : HP5973X
Misc : 08-A591/95/629/608 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 12:53:16 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Sep 08 12:52:57 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	292625	40.00	ng		0.00 81.03%
4) CI40 Naphthalene-d8	7.38	136	1062322	40.00	ng		0.00 83.53%
7) CI50 Acenaphthene-d8	9.44	164	528194	40.00	ng		0.00 98.43%
10) CI60 Phenanthrene-d10	11.06	188	788816	40.00	ng		0.00 101.85%
12) CI70 Chrysene-d12	13.45	240	661741	40.00	ng		0.00 80.19%
13) CI75 Perylene-d12	14.65	264	611059	40.00	ng		0.00 53.43%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.32	77	523	N.D.			
3) E145 Acetophenone	6.36	105	328	N.D.			
5) E655 Caprolactam	8.10	113	18066	6.70	ng	#	50
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.			
8) C811 1,1'-Biphenyl	9.48	154	1153025	50.59	ng	#	16
9) E230 2,3,4,6-Tetrachloroph	9.84	232	3859	1.38	ng	#	100
11) E510 Atrazine	10.88	200	33087	9.16	ng	#	26

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172101

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26245.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	89	
208-96-8	Acenaphthylene	88	
98-86-2	Acetophenone	85	
120-12-7	Anthracene	95	
1912-24-9	Atrazine	85	
100-52-7	Benzaldehyde	70	
56-55-3	Benzo(a)anthracene	93	
205-99-2	Benzo(b)fluoranthene	99	
207-08-9	Benzo(k)fluoranthene	110	
191-24-2	Benzo(ghi)perylene	90	
50-32-8	Benzo(a)pyrene	100	
92-52-4	Biphenyl	77	
111-91-1	Bis(2-chloroethoxy) methane	80	
111-44-4	Bis(2-chloroethyl) ether	74	
108-60-1	2,2'-Oxybis(1-Chloropropane)	95	
117-81-7	Bis(2-ethylhexyl) phthalate	100	
101-55-3	4-Bromophenyl phenyl ether	98	
85-68-7	Butyl benzyl phthalate	100	
106-47-8	4-Chloroaniline	91	
59-50-7	4-Chloro-3-methylphenol	96	
91-58-7	2-Chloronaphthalene	82	
95-57-8	2-Chlorophenol	69	
7005-72-3	4-Chlorophenyl phenyl ether	96	
105-60-2	Caprolactam	37	J
86-74-8	Carbazole	94	
218-01-9	Chrysene	88	B
53-70-3	Dibenzo(a,h)anthracene	90	
132-64-9	Dibenzofuran	93	
84-74-2	Di-n-butyl phthalate	100	
91-94-1	3,3'-Dichlorobenzidine	94	
120-83-2	2,4-Dichlorophenol	84	
84-66-2	Diethyl phthalate	100	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172101

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26245.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	84	
131-11-3	Dimethyl phthalate	98	
534-52-1	4,6-Dinitro-2-methylphenol	92	
51-28-5	2,4-Dinitrophenol	75	
121-14-2	2,4-Dinitrotoluene	110	
606-20-2	2,6-Dinitrotoluene	110	
117-84-0	Di-n-octyl phthalate	99	
206-44-0	Fluoranthene	91	
86-73-7	Fluorene	97	
118-74-1	Hexachlorobenzene	97	
87-68-3	Hexachlorobutadiene	64	
77-47-4	Hexachlorocyclopentadiene	70	
67-72-1	Hexachloroethane	55	
193-39-5	Indeno(1,2,3-cd)pyrene	91	
78-59-1	Isophorone	89	
91-57-6	2-Methylnaphthalene	84	
95-48-7	2-Methylphenol	78	
106-44-5	4-Methylphenol	76	
91-20-3	Naphthalene	70	B
88-74-4	2-Nitroaniline	110	
99-09-2	3-Nitroaniline	99	
100-01-6	4-Nitroaniline	100	
98-95-3	Nitrobenzene	83	
88-75-5	2-Nitrophenol	81	
100-02-7	4-Nitrophenol	49	J
86-30-6	N-nitrosodiphenylamine	110	
621-64-7	N-Nitroso-Di-n-propylamine	100	
87-86-5	Pentachlorophenol	98	
85-01-8	Phenanthrene	96	B
108-95-2	Phenol	41	
129-00-0	Pyrene	100	
95-95-4	2,4,5-Trichlorophenol	97	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB40

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2172101

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26245.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/06/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

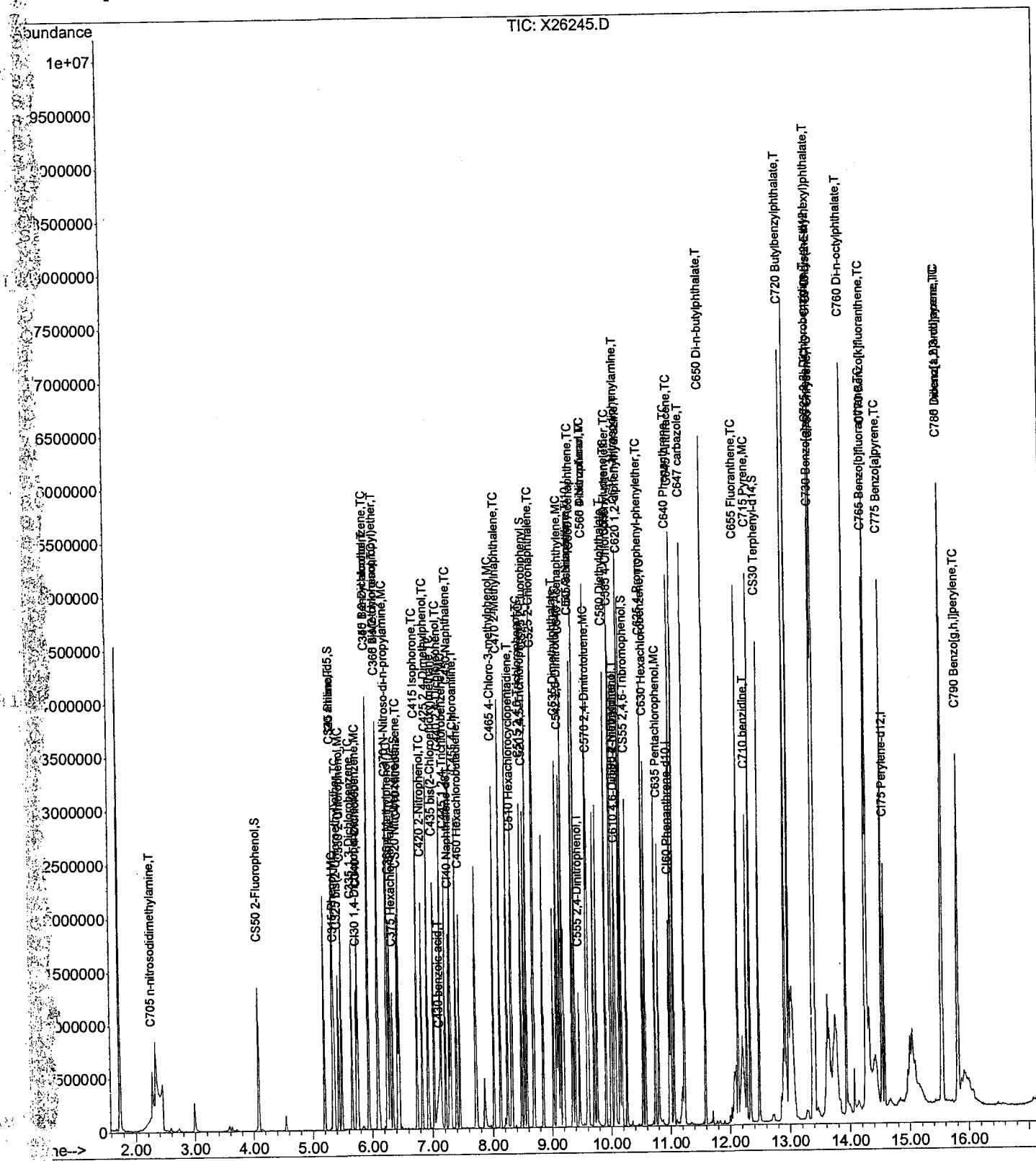
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	90	

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26245.D
Acq On : 6 Sep 2008 13:26
Sample : MSB AW80015936
Misc : A643/630/713/718
LIMS Integration Params: rteint.p

Vial: 11
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 08 07:39:30 2008 Results File: A8I0619.RES
Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:39:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26245.D
Acq On : 6 Sep 2008 13:26
Sample : MSB AW80015936
Misc : A643/630/713/718
MS Integration Params: rteint.p
Quant Time: Sep 08 07:39:30 2008

Vial: 11
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:39:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090608\X26236.D (6 Sep 2008 9:15)

SD 9-5-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.74	152	183011	40.00	ng	-0.07 98.40%
4) CI40 Naphthalene-d8	7.28	136	721475	40.00	ng	-0.07 103.92%
5) CI50 Acenaphthene-d10	9.35	164	394629	40.00	ng	-0.07 100.73%
6) CI60 Phenanthrene-d10	10.99	188	685451	40.00	ng	-0.05 104.60%
8) CI70 Chrysene-d12	13.40	240	634742	40.00	ng	-0.04 99.32%
8) CI75 Perylene-d12	14.58	264	639427	40.00	ng	-0.05 105.67%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.08	112	432360	61.80	ng	-0.10
Spiked Amount 150.000	Range 21 - 110		Recovery = 41.20%			
5) CS45 Phenol-d5	5.35	99	436806	51.18	ng	-0.07
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.12%			
10) CS70 2-chlorophenol-d4	5.48	132	167	0.03	ng	-0.06
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.43	82	604840	80.53	ng	-0.06
Spiked Amount 100.000	Range 34 - 114		Recovery = 80.53%			
29) CS25 2-Fluorobiphenyl	8.58	172	1121059	78.37	ng	-0.07
Spiked Amount 100.000	Range 43 - 116		Recovery = 78.37%			
29) CS55 2,4,6-Tribromophenol	10.26	330	259587	151.78	ng	-0.06
Spiked Amount 150.000	Range 10 - 123		Recovery = 101.19%			
41) CS30 Terphenyl-d14	12.49	244	1005564	74.24	ng	-0.04
Spiked Amount 100.000	Range 33 - 141		Recovery = 74.24%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.27	74	185105	44.85	ng	# 34
14) C325 bis(2-Chloroethyl)eth	5.43	93	507897	74.50	ng	# 81
15) C315 Phenol	5.36	94	379052	40.61	ng	98
18) C330 2-Chlorophenol	5.49	128	483269	68.74	ng	87
19) C320 aniline	5.34	93	838394	83.17	ng	99
20) C335 1,3-Dichlorobenzene	5.66	146	394880	51.18	ng	97
23) C340 1,4-Dichlorobenzene	5.76	146	407175	52.53	ng	99
26) C350 1,2-Dichlorobenzene	5.94	146	393790	56.62	ng	97
24) C345 Benzyl alcohol	5.94	108	358377	81.99	ng	92
25) C360 bis(2-chloroisopropyl	6.10	45	1108333	94.71	ng	# 42
28) C355 2-Methylphenol	6.11	108	466153	77.65	ng	95
31) C375 Hexachloroethane	6.35	117	158669	55.32	ng	95
33) C370 N-Nitroso-di-n-propyl	6.27	70	468351	100.59	ng	88
39) C365 4-Methylphenol	6.30	108	474724	76.26	ng	# 80
32) C410 Nitrobenzene	6.45	77	662065	83.02	ng	92
43) C415 Isophorone	6.75	82	1214515	89.34	ng	93
44) C430 benzoic acid	7.12	122	219366	68.18	ng	# 77
45) C420 2-Nitrophenol	6.83	139	292404	80.93	ng	95
46) C425 2,4-Dimethylphenol	6.93	107	595841	83.80	ng	97
47) C435 bis(2-Chloroethoxy)me	7.03	93	662173	80.15	ng	97
48) C440 2,4-Dichlorophenol	7.14	162	463325	84.34	ng	98

9/12/08

Data File : D:\DATA\090608\X26245.D
Acq On : 6 Sep 2008 13:26
Sample : MSB AW80015936
Misc : A643/630/713/718
MS Integration Params: rteint.p
Quant Time: Sep 08 07:39:30 2008

Vial: 11
Operator: RM
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0619.RES

Quant Method : C:\MSDCHEM\1...\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 07:39:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\090608\X26236.D (6 Sep 2008 9:15)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.21	180	356438	65.64 ng		89
30) C450 Naphthalene	7.30	128	1411567	70.29 ng		99
31) C455 4-Chloroaniline	7.40	127	746925	90.79 ng		100
32) C460 Hexachlorobutadiene	7.45	225	184342	63.68 ng		96
33) C465 4-Chloro-3-methylphen	8.01	107	568234	96.26 ng		97
34) C470 2-Methylnaphthalene	8.13	142	1054714	83.81 ng		98
35) C510 Hexachlorocyclopentad	8.31	237	234928	69.63 ng		94
36) C515 2,4,6-Trichlorophenol	8.48	196	321917	90.26 ng		98
38) C520 2,4,5-Trichlorophenol	8.53	196	364801	96.72 ng		99
39) C525 2-Chloronaphthalene	8.70	162	1038826	82.42 ng		95
41) C530 2-Nitroaniline	10.07	65	538200	112.36 ng		83
42) C540 Acenaphthylene	9.18	152	1779545	88.26 ng		99
43) C535 Dimethylphthalate	9.09	163	1356027	98.09 ng		99
44) C542 2,6-Dinitrotoluene	9.15	165	338322	108.39 ng		94
45) C550 Acenaphthene	9.39	153	1075663	89.08 ng		98
46) C545 3-Nitroaniline	9.35	138	346383	99.35 ng		98
47) C555 2,4-Dinitrophenol	9.46	184	133342	74.82 ng	#	67
48) C565 Dibenzofuran	9.60	168	1579145	92.82 ng		83
49) C570 2,4-Dinitrotoluene	9.62	165	455861	107.73 ng	#	63
50) C560 4-Nitrophenol	9.60	109	104761	49.10 ng	#	1
51) C590 Fluorene	9.99	166	1337749	97.41 ng		99
52) C585 4-Chlorophenyl-phenyl	10.01	204	554697	96.37 ng	#	80
53) C580 Diethylphthalate	9.91	149	1420738	104.84 ng		98
54) C620 1,2-diphenylhydrazine	10.18	77	1610346	106.13 ng		90
55) C595 4-Nitroaniline	10.07	138	364252	100.74 ng		89
57) C610 4,6-Dinitro-2-methylp	10.08	198	208800	91.91 ng		100
58) C615 n-Nitrosodiphenylamin	10.15	169	1177116	114.95 ng		99
60) C625 4-Bromophenyl-phenyle	10.54	248	329430	97.80 ng	#	76
61) C630 Hexachlorobenzene	10.58	284	359969	97.07 ng		79
62) C635 Pentachlorophenol	10.80	266	216043	97.78 ng		99
63) C640 Phenanthrene	11.01	178	1827710	96.25 ng		99
64) C645 Anthracene	11.06	178	1828102	95.00 ng		99
65) C647 carbazole	11.24	167	1898069	94.10 ng		98
66) C650 Di-n-butylphthalate	11.59	149	2431914	103.34 ng		99
67) C655 Fluoranthene	12.14	202	1865236	91.48 ng		86
69) C715 Pyrene	12.34	202	1992586	102.19 ng		83
70) C710 benzidine	12.28	184	817771	89.14 ng		99
72) C720 Butylbenzylphthalate	12.92	149	1107185	105.37 ng		96
73) C725 3,3'-Dichlorobenzidin	13.37	252	743407	93.54 ng		97
74) C730 Benzo[a]anthracene	13.39	228	1833003	93.42 ng		99
75) C735 Chrysene	13.42	228	1716550	88.33 ng		98
76) C740 bis(2-Ethylhexyl)phth	13.41	149	1509755	101.07 ng		93
77) C760 Di-n-octylphthalate	13.94	149	2794995	99.45 ng		99
79) C765 Benzo[b]fluoranthene	14.27	252	2098145	99.22 ng		98
80) C770 Benzo[k]fluoranthene	14.29	252	1777736	106.56 ng		98
81) C775 Benzo[a]pyrene	14.53	252	1998786	103.48 ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.55	276	2526046	91.37 ng		95
83) C785 Dibenz[a,h]anthracene	15.56	278	2108752	90.27 ng		96
84) C790 Benzo[g,h,i]perylene	15.82	276	2236594	90.13 ng		97

) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090608\X26245.D Vial: 11
Acq On : 6 Sep 2008 13:26 Operator: RM
Sample : MSB AW80015936 Inst : HP5973X
Misc : A643/630/713/718 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 10 12:14:53 2008 Results File: A8I0608.RES

Quant Method : C:\MSDCHEM\1...\A8I0608.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Wed Sep 10 12:14:32 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.74	152	183011	40.00	ng	-0.10 50.68%
4) CI40 Naphthalene-d8	7.28	136	721475	40.00	ng	-0.08 56.73%
7) CI50 Acenaphthene-d8	9.35	164	394629	40.00	ng	-0.07 73.54%
10) CI60 Phenanthrene-d10	10.99	188	685451	40.00	ng	-0.05 88.50%
12) CI70 Chrysene-d12	13.40	240	634742	40.00	ng	-0.04 76.92%
13) CI75 Perylene-d12	14.58	264	639427	40.00	ng	-0.05 55.91%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.20	77	434264	70.32	ng	98
3) E145 Acetophenone	6.25	105	766341	84.81	ng	92
5) E655 Caprolactam	7.86	113	67566	36.90	ng	# 28
6) E195 1,2,4,5-Tetrachlorobe	8.32	216	408599	92.39	ng	98
8) C811 1,1'-Biphenyl	8.69	154	1316373	77.30	ng	97
9) E230 2,3,4,6-Tetrachloroph	9.76	232	302345	144.41	ng	# 100
11) E510 Atrazine	10.75	200	267858	85.35	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146002

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V30990.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2400	
208-96-8	Acenaphthylene	320	U
98-86-2	Acetophenone	320	U
120-12-7	Anthracene	320	U
1912-24-9	Atrazine	320	U
100-52-7	Benzaldehyde	320	U
56-55-3	Benzo(a)anthracene	320	U
205-99-2	Benzo(b)fluoranthene	320	U
207-08-9	Benzo(k)fluoranthene	320	U
191-24-2	Benzo(ghi)perylene	320	U
50-32-8	Benzo(a)pyrene	320	U
92-52-4	Biphenyl	320	U
111-91-1	Bis(2-chloroethoxy) methane	320	U
111-44-4	Bis(2-chloroethyl) ether	320	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	320	U
117-81-7	Bis(2-ethylhexyl) phthalate	320	U
101-55-3	4-Bromophenyl phenyl ether	320	U
85-68-7	Butyl benzyl phthalate	320	U
105-60-2	Caprolactam	1600	U
106-47-8	4-Chloroaniline	320	U
59-50-7	4-Chloro-3-methylphenol	2400	
91-58-7	2-Chloronaphthalene	320	U
95-57-8	2-Chlorophenol	2000	
7005-72-3	4-Chlorophenyl phenyl ether	320	U
86-74-8	Carbazole	320	U
218-01-9	Chrysene	20	BJ
53-70-3	Dibenzo(a,h)anthracene	320	U
132-64-9	Dibenzofuran	320	U
84-74-2	Di-n-butyl phthalate	320	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
120-83-2	2,4-Dichlorophenol	320	U
84-66-2	Diethyl phthalate	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146002

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V30990.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	320	U
131-11-3	Dimethyl phthalate	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	2800	
606-20-2	2,6-Dinitrotoluene	320	U
117-84-0	Di-n-octyl phthalate	320	U
206-44-0	Fluoranthene	320	U
86-73-7	Fluorene	320	U
118-74-1	Hexachlorobenzene	320	U
87-68-3	Hexachlorobutadiene	320	U
77-47-4	Hexachlorocyclopentadiene	320	U
67-72-1	Hexachloroethane	320	U
193-39-5	Indeno(1,2,3-cd)pyrene	320	U
78-59-1	Isophorone	320	U
91-57-6	2-Methylnaphthalene	320	U
95-48-7	2-Methylphenol	320	U
106-44-5	4-Methylphenol	320	U
91-20-3	Naphthalene	320	U
88-74-4	2-Nitroaniline	1600	U
99-09-2	3-Nitroaniline	1600	U
100-01-6	4-Nitroaniline	1600	U
98-95-3	Nitrobenzene	320	U
88-75-5	2-Nitrophenol	320	U
100-02-7	4-Nitrophenol	2000	
86-30-6	N-nitrosodiphenylamine	320	U
621-64-7	N-Nitroso-Di-n-propylamine	2400	
87-86-5	Pentachlorophenol	2200	
85-01-8	Phenanthrene	320	U
108-95-2	Phenol	2000	
129-00-0	Pyrene	2700	
95-95-4	2,4,5-Trichlorophenol	320	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD43

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8B2146002

Sample wt/vol: 30.98 (g/mL) G Lab File ID: V30990.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

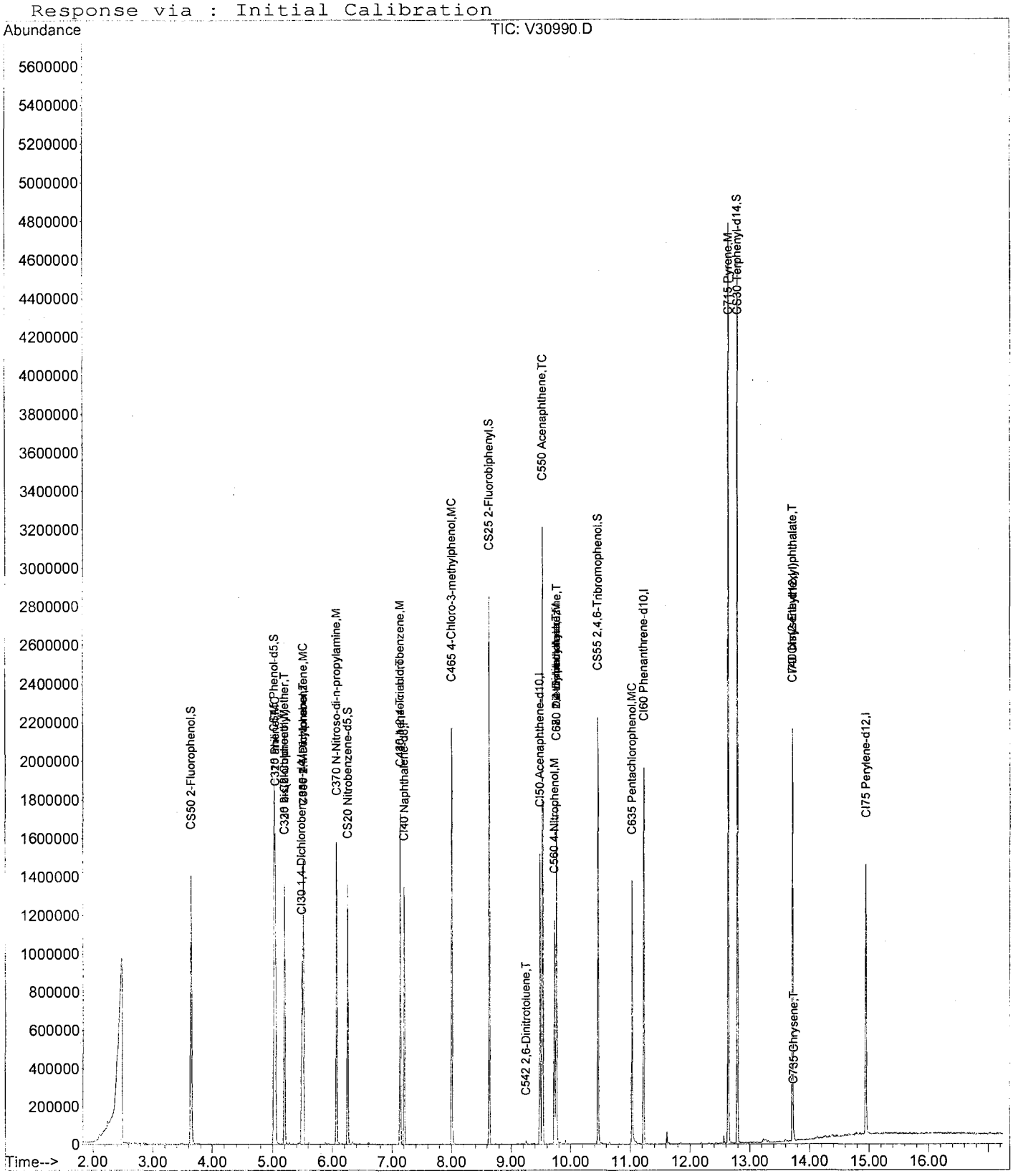
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	320	U

Data File : D:\DATA\090208\V30990.D
Acq On : 2 Sep 2008 16:03
Sample : MSBD AS80010954
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 3 7:05 2008

Vial: 20
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090208\V30990.D
Acq On : 2 Sep 2008 16:03
Sample : MSBD AS80010954
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:08 2008

Vial: 20
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090208\V30971.D (2 Sep 2008 8:47)

SIS 9/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	156176	40.00	ng	0.00 82.76%
20) CI40 Naphthalene-d8	7.20	136	582760	40.00	ng	0.00 83.95%
35) CI50 Acenaphthene-d10	9.48	164	341078	40.00	ng	0.00 86.97%
56) CI60 Phenanthrene-d10	11.23	188	722308	40.00	ng	0.00 90.40%
68) CI70 Chrysene-d12	13.72	240	670781	40.00	ng	0.00 94.67%
78) CI75 Perylene-d12	14.94	264	513195	40.00	ng	0.00 89.68%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.65	112	490112	83.27	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 55.51%			
5) CS45 Phenol-d5	5.03	99	740525	98.01	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 65.34%			
6) CS70 2-chlorophenol-d4	5.20	132	262	0.05	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.26	82	483719	64.81	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 64.81%			
39) CS25 2-Fluorobiphenyl	8.64	172	860704	67.22	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 67.22%			
59) CS55 2,4,6-Tribromophenol	10.46	330	204070	136.32	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 90.88%			
71) CS30 Terphenyl-d14	12.79	244	1209418	79.62	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 79.62%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
~~4) C325 bis(2-Chloroethyl)eth~~	~~5.20~~	~~93~~	~~10261~~	~~1.51~~	~~ng #~~	~~1~~
7) C315 Phenol	5.05	94	517263	61.68	ng	88
8) C330 2-Chlorophenol	5.20	128	354719	63.61	ng #	79
~~9) C320 aniline~~	~~5.05~~	~~93~~	~~10220~~	~~0.99~~	~~ng #~~	~~1~~
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.52	146	371290	60.80	ng	98
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	5.90	45	164	N.D.		
~~16) C355 2-Methylphenol~~	~~5.51~~	~~108~~	~~4899~~	~~0.93~~	~~ng #~~	~~53~~
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.07	70	372748	73.90	ng #	66
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.26	77	1486	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
~~24) C430 benzoic acid~~	~~7.14~~	~~122~~	~~1864~~	~~43.84~~	~~ng #~~	~~1~~
25) C420 2-Nitrophenol	0.00	139	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090208\V30990.D
Acq On : 2 Sep 2008 16:03
Sample : MSBD AS80010954
Misc : 08-A399/457/60/75
MS Integration Params: RTEINT.P
Quant Time: Sep 03 07:05:08 2008

Vial: 20
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 02 09:07:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	7.13	93	167	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	7.14	180	336151	64.77 ng		98
30)	C450 Naphthalene	0.00	128	0	N.D.		
31)	C455 4-Chloroaniline	8.01	127	683	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	8.01	107	423217	75.75 ng	#	79
34)	C470 2-Methylnaphthalene	8.15	142	364	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	9.01	65	160	N.D.		
42)	C540 Acenaphthylene	0.00	152	0	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	9.25	165	2101	0.83 ng	#	73
45)	C550 Acenaphthene	9.52	153	795869	74.46 ng		97
46)	C545 3-Nitroaniline	8.64	138	444	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	9.76	168	465	N.D.		
49)	C570 2,4-Dinitrotoluene	9.76	165	299399	85.72 ng		73
50)	C560 4-Nitrophenol	9.73	109	178090	61.99 ng	#	69
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	9.76	149	6108	0.47 ng	#	73
54)	C620 1,2-diphenylhydrazine	9.76	77	57249	3.57 ng		78
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	9.92	169	233	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	11.03	266	140164	69.25 ng		98
63)	C640 Phenanthrene	11.25	178	3379	N.D.		
64)	C645 Anthracene	11.25	178	3379	N.D.		
65)	C647 carbazole	11.61	167	2368	N.D.		
66)	C650 Di-n-butylphthalate	11.85	149	2282	N.D.		
67)	C655 Fluoranthene	12.43	202	1056	N.D.		
69)	C715 Pyrene	12.64	202	1877914	83.78 ng		90
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.23	149	1848	N.D.		
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	0.00	228	0	N.D.		
75)	C735 Chrysene	13.74	228	12670	0.62 ng		79
76)	C740 bis(2-Ethylhexyl)phth	13.72	149	12991	0.98 ng		99
77)	C760 Di-n-octylphthalate	14.25	149	3315	N.D.		
79)	C765 Benzo[b]fluoranthene	14.61	252	438	N.D.		
80)	C770 Benzo[k]fluoranthene	14.63	252	419	N.D.		
81)	C775 Benzo[a]pyrene	14.89	252	165	N.D.		
82)	C780 Indeno[1,2,3-cd]pyren	16.01	276	166	N.D.		
83)	C785 Dibenz[a,h]anthracene	16.01	278	240	N.D.		
84)	C790 Benzo[g,h,i]perylene	16.32	276	173	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

1851/3648

Data File : D:\DATA\090208\V30990.D
Acq On : 2 Sep 2008 16:03
Sample : MSBD AS80010954
Misc : 08-A399/457/60/75
MS Integration Params: rteint.p
Quant Time: Sep 03 18:46:35 2008

Vial: 20
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 25 15:35:09 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.49	152	156176	40.00	ng	-0.10 98.70%
4) CI40 Naphthalene-d8	7.20	136	582760	40.00	ng	-0.08 104.29%
7) CI50 Acenaphthene-d10	9.48	164	341078	40.00	ng	-0.07 105.77%
10) CI60 Phenanthrene-d10	11.23	188	722308	40.00	ng	-0.06 113.92%
12) CI70 Chrysene-d12	13.72	240	670781	40.00	ng	-0.06 98.84%
13) CI75 Perylene-d12	14.94	264	513195	40.00	ng	-0.07 94.49%

Target Compounds						Qvalue
~~2) E600 Benzaldehyde~~	~~5.05~~	~~77~~	~~7045~~	~~1.20~~	~~ng~~	~~# 1~~
3) E145 Acetophenone	5.93	105	224	N.D.		
~~5) E655 Caprolactam~~	~~8.01~~	~~113~~	~~14926~~	~~11.05~~	~~ng~~	~~# 28~~
6) E195 1,2,4,5-Tetrachlorob	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.76	154	1519	N.D.		
9) E230 2,3,4,6-Tetrachloroph	9.92	232	2362	0.98	ng	79
~~11) E510 Atrazine~~	~~11.03~~	~~200~~	~~30772~~	~~7.53~~	~~ng~~	~~# 31~~

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149302

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31074.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	77	
208-96-8	Acenaphthylene	76	
98-86-2	Acetophenone	67	
120-12-7	Anthracene	83	
1912-24-9	Atrazine	61	
100-52-7	Benzaldehyde	57	
56-55-3	Benzo(a)anthracene	85	
205-99-2	Benzo(b)fluoranthene	72	
207-08-9	Benzo(k)fluoranthene	79	
191-24-2	Benzo(ghi)perylene	120	
50-32-8	Benzo(a)pyrene	88	
92-52-4	Biphenyl	72	
111-91-1	Bis(2-chloroethoxy) methane	68	
111-44-4	Bis(2-chloroethyl) ether	60	
108-60-1	2,2'-Oxybis(1-Chloropropane)	48	
117-81-7	Bis(2-ethylhexyl) phthalate	94	
101-55-3	4-Bromophenyl phenyl ether	91	
85-68-7	Butyl benzyl phthalate	95	B
106-47-8	4-Chloroaniline	81	
59-50-7	4-Chloro-3-methylphenol	77	
91-58-7	2-Chloronaphthalene	72	
95-57-8	2-Chlorophenol	55	
7005-72-3	4-Chlorophenyl phenyl ether	81	
105-60-2	Caprolactam	29	J
86-74-8	Carbazole	83	
218-01-9	Chrysene	83	B
53-70-3	Dibenzo(a,h)anthracene	110	
132-64-9	Dibenzofuran	78	
84-74-2	Di-n-butyl phthalate	94	B
91-94-1	3,3'-Dichlorobenzidine	96	
120-83-2	2,4-Dichlorophenol	71	
84-66-2	Diethyl phthalate	88	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149302

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31074.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	67	
131-11-3	Dimethyl phthalate	84	
534-52-1	4,6-Dinitro-2-methylphenol	96	
51-28-5	2,4-Dinitrophenol	82	
121-14-2	2,4-Dinitrotoluene	95	
606-20-2	2,6-Dinitrotoluene	92	
117-84-0	Di-n-octyl phthalate	92	
206-44-0	Fluoranthene	80	
86-73-7	Fluorene	82	
118-74-1	Hexachlorobenzene	90	
87-68-3	Hexachlorobutadiene	62	
77-47-4	Hexachlorocyclopentadiene	58	
67-72-1	Hexachloroethane	56	
193-39-5	Indeno(1,2,3-cd)pyrene	120	
78-59-1	Isophorone	71	
91-57-6	2-Methylnaphthalene	78	
95-48-7	2-Methylphenol	57	
106-44-5	4-Methylphenol	56	
91-20-3	Naphthalene	68	
88-74-4	2-Nitroaniline	82	
99-09-2	3-Nitroaniline	86	
100-01-6	4-Nitroaniline	89	
98-95-3	Nitrobenzene	67	
88-75-5	2-Nitrophenol	72	
100-02-7	4-Nitrophenol	37	J
86-30-6	N-nitrosodiphenylamine	100	
621-64-7	N-Nitroso-Di-n-propylamine	72	
87-86-5	Pentachlorophenol	86	
85-01-8	Phenanthrene	85	
108-95-2	Phenol	30	
129-00-0	Pyrene	85	
95-95-4	2,4,5-Trichlorophenol	82	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD49

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2149302

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31074.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 08/29/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	78	

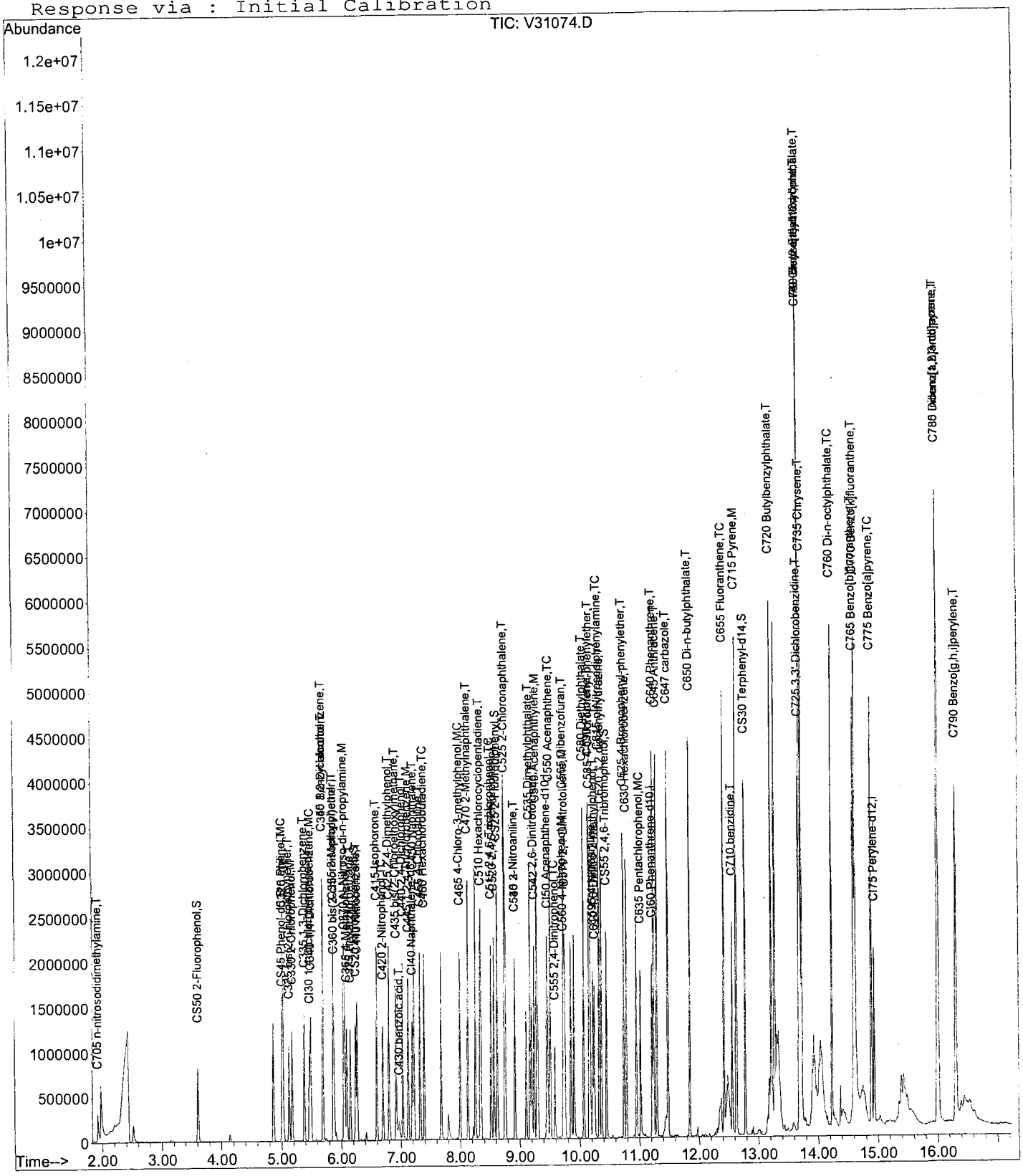
Quantitation Report (Not Reviewed)

Data File : D:\DATA\090308\V31074.D
Acq On : 4 Sep 2008 3:42
Sample : MSBD AW80015621
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 4 7:33 2008

Vial: 21
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090308\V31074.D
Acq On : 4 Sep 2008 3:42
Sample : MSBD AW80015621
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:08 2008

Vial: 21
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090308\V31053.D (3 Sep 2008 19:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	158775	40.00	ng	0.00 81.79%
20) CI40 Naphthalene-d8	7.19	136	587419	40.00	ng	0.00 80.84%
35) CI50 Acenaphthene-d10	9.47	164	351187	40.00	ng	0.00 85.37%
56) CI60 Phenanthrene-d10	11.22	188	759015	40.00	ng	0.00 86.99%
68) CI70 Chrysene-d12	13.71	240	699590	40.00	ng	0.00 85.80%
78) CI75 Perylene-d12	14.94	264	699269	40.00	ng	0.00 112.88%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	274779	45.92	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 30.61%			
5) CS45 Phenol-d5	5.00	99	295043	38.41	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 25.61%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	492698	65.49	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 65.49%			
39) CS25 2-Fluorobiphenyl	8.63	172	883913	67.05	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 67.05%			
59) CS55 2,4,6-Tribromophenol	10.45	330	212900	135.34	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 90.23%			
71) CS30 Terphenyl-d14	12.78	244	1081321	68.25	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 68.25%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.92	74	180214	37.98	ng	89
4) C325 bis(2-Chloroethyl)eth	5.13	93	411468	59.64	ng	88
7) C315 Phenol	5.02	94	256400	30.07	ng #	1
8) C330 2-Chlorophenol	5.18	128	313010	55.21	ng #	81
9) C320 aniline	5.02	93	666957	63.35	ng #	54
10) C335 1,3-Dichlorobenzene	5.38	146	344165	55.44	ng	97
11) C340 1,4-Dichlorobenzene	5.49	146	345907	55.72	ng	98
13) C350 1,2-Dichlorobenzene	5.70	146	336503	58.76	ng	95
14) C345 Benzyl alcohol	5.69	108	256942	66.17	ng #	62
15) C360 bis(2-chloroisopropyl	5.88	45	650151	47.55	ng	91
16) C355 2-Methylphenol	5.86	108	307974	57.26	ng	99
17) C375 Hexachloroethane	6.15	117	159205	55.86	ng	98
18) C370 N-Nitroso-di-n-propyl	6.06	70	367102	71.59	ng #	68
19) C365 4-Methylphenol	6.09	108	318049	56.11	ng #	77
22) C410 Nitrobenzene	6.27	77	558395	67.14	ng	82
23) C415 Isophorone	6.60	82	967810	71.02	ng	90
24) C430 benzoic acid	6.96	122	93602	66.93	ng #	63
25) C420 2-Nitrophenol	6.70	139	194800	72.52	ng #	62

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31074.D
Acq On : 4 Sep 2008 3:42
Sample : MSBD AW80015621
Misc :
MS Integration Params: RTEINT.P
Quant Time: Sep 04 07:33:08 2008

Vial: 21
Operator: JLG
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Sep 03 20:21:08 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.80	107	452246	67.48	ng		85
27)	C435 bis(2-Chloroethoxy)me	6.92	93	547665	68.08	ng		94
28)	C440 2,4-Dichlorophenol	7.03	162	334671	70.81	ng		91
29)	C445 1,2,4-Trichlorobenzen	7.12	180	345206	65.99	ng		99
30)	C450 Naphthalene	7.22	128	1083206	67.71	ng		98
31)	C455 4-Chloroaniline	7.32	127	528676	80.76	ng		99
32)	C460 Hexachlorobutadiene	7.39	225	252635	62.51	ng		98
33)	C465 4-Chloro-3-methylphen	7.99	107	431527	76.62	ng	#	74
34)	C470 2-Methylnaphthalene	8.13	142	801787	77.61	ng		98
36)	C510 Hexachlorocyclopentad	8.34	237	249797	58.27	ng		99
37)	C515 2,4,6-Trichlorophenol	8.52	196	279762	78.55	ng		91
38)	C520 2,4,5-Trichlorophenol	8.57	196	318240	81.67	ng		99
40)	C525 2-Chloronaphthalene	8.76	162	781168	72.20	ng		92
41)	C530 2-Nitroaniline	8.92	65	393248	82.55	ng	#	68
42)	C540 Acenaphthylene	9.29	152	1358530	76.37	ng		97
43)	C535 Dimethylphthalate	9.18	163	1061404	84.04	ng		97
44)	C542 2,6-Dinitrotoluene	9.24	165	240094	91.96	ng	#	74
45)	C550 Acenaphthene	9.51	153	849591	77.20	ng		97
46)	C545 3-Nitroaniline	8.92	138	308491	86.22	ng	#	78
47)	C555 2,4-Dinitrophenol	9.59	184	128895	82.13	ng		86
48)	C565 Dibenzofuran	9.74	168	1266099	78.17	ng		93
49)	C570 2,4-Dinitrotoluene	9.75	165	341096	94.84	ng	#	66
50)	C560 4-Nitrophenol	9.72	109	100045	36.67	ng	#	82
51)	C590 Fluorene	10.16	166	1082301	81.97	ng		91
52)	C585 4-Chlorophenyl-phenyl	10.18	204	564259	81.42	ng		94
53)	C580 Diethylphthalate	10.07	149	1190564	88.15	ng		97
54)	C620 1,2 diphenylhydrazine	10.36	77	1301117	78.89	ng		91
55)	C595 4-Nitroaniline	10.22	138	265928	88.66	ng	#	58
57)	C610 4,6-Dinitro-2-methylp	10.25	198	195057	95.94	ng		100
58)	C615 n-Nitrosodiphenylamin	10.33	169	955852	103.47	ng		98
60)	C625 4-Bromophenyl-phenyle	10.74	248	334613	90.97	ng		96
61)	C630 Hexachlorobenzene	10.79	284	337998	89.54	ng		95
62)	C635 Pentachlorophenol	11.02	266	189070	86.32	ng		97
63)	C640 Phenanthrene	11.24	178	1589918	85.04	ng		96
64)	C645 Anthracene	11.30	178	1604724	82.81	ng		95
65)	C647 carbazole	11.48	167	1563144	83.48	ng		98
66)	C650 Di-n-butylphthalate	11.85	149	2043094	93.99	ng		95
67)	C655 Fluoranthene	12.42	202	1911022	80.05	ng		95
69)	C715 Pyrene	12.63	202	1978879	84.65	ng		89
70)	C710 benzidine	12.56	184	769196	72.22	ng		98
72)	C720 Butylbenzylphthalate	13.22	149	950559	94.71	ng	#	70
73)	C725 3,3'-Dichlorobenzidin	13.68	252	713798	96.34	ng		99
74)	C730 Benzo[a]anthracene	13.70	228	1859343	85.27	ng		96
75)	C735 Chrysene	13.73	228	1783054	83.37	ng		95
76)	C740 bis(2-Ethylhexyl)phth	13.71	149	1310390	94.47	ng		91
77)	C760 Di-n-octylphthalate	14.23	149	2173077	92.04	ng		95
79)	C765 Benzo[b]fluoranthene	14.60	252	1859672	71.95	ng		89
80)	C770 Benzo[k]fluoranthene	14.62	252	1886170	78.94	ng		91
81)	C775 Benzo[a]pyrene	14.89	252	1967347	87.71	ng		96
82)	C780 Indeno[1,2,3-cd]pyren	16.01	276	2997976	117.58	ng		89
83)	C785 Dibenz[a,h]anthracene	16.01	278	2484519	114.84	ng		93
84)	C790 Benzo[g,h,i]perylene	16.31	276	2539666	119.10	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090308\V31074.D
Acq On : 4 Sep 2008 3:42
Sample : MSBD AW80015621
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 04 11:11:45 2008

Vial: 21
Operator: JLG
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Wed Sep 03 20:20:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.47	152	158775	40.00	ng	0.00 100.34%
4) CI40 Naphthalene-d8	7.19	136	587419	40.00	ng	0.00 105.12%
7) CI50 Acenaphthene-d10	9.47	164	351187	40.00	ng	0.00 108.90%
10) CI60 Phenanthrene-d10	11.22	188	759015	40.00	ng	0.00 119.71%
12) CI70 Chrysene-d12	13.71	240	699590	40.00	ng	0.00 103.09%
13) CI75 Perylene-d12	14.94	264	699269	40.00	ng	0.00 128.75%
Target Compounds						Qvalue
2) E600 Benzaldehyde	4.86	77	342271	57.15	ng	92
3) E145 Acetophenone	6.04	105	622461	67.19	ng	91
5) E655 Caprolactam	7.80	113	49222	28.91	ng	# 51
6) E195 1,2,4,5-Tetrachlorob	8.35	216	411995	75.18	ng	97
8) C811 1,1'-Biphenyl	8.75	154	1031734	71.53	ng	94
9) E230 2,3,4,6-Tetrachloroph	9.91	232	293693	118.23	ng	96
11) E510 Atrazine	10.95	200	262758	61.16	ng	96

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31096.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	79	
208-96-8	Acenaphthylene	79	
98-86-2	Acetophenone	71	
120-12-7	Anthracene	88	
1912-24-9	Atrazine	66	
100-52-7	Benzaldehyde	64	
56-55-3	Benzo(a)anthracene	90	
205-99-2	Benzo(b)fluoranthene	81	
207-08-9	Benzo(k)fluoranthene	85	
191-24-2	Benzo(ghi)perylene	120	
50-32-8	Benzo(a)pyrene	97	
92-52-4	Biphenyl	71	
111-91-1	Bis(2-chloroethoxy) methane	72	
111-44-4	Bis(2-chloroethyl) ether	64	
108-60-1	2,2'-Oxybis(1-Chloropropane)	47	
117-81-7	Bis(2-ethylhexyl) phthalate	94	
101-55-3	4-Bromophenyl phenyl ether	96	
85-68-7	Butyl benzyl phthalate	97	B
106-47-8	4-Chloroaniline	85	
59-50-7	4-Chloro-3-methylphenol	88	
91-58-7	2-Chloronaphthalene	72	
95-57-8	2-Chlorophenol	64	
7005-72-3	4-Chlorophenyl phenyl ether	86	
105-60-2	Caprolactam	34	J
86-74-8	Carbazole	91	
218-01-9	Chrysene	86	B
53-70-3	Dibenzo(a,h)anthracene	120	
132-64-9	Dibenzofuran	82	
84-74-2	Di-n-butyl phthalate	100	B
91-94-1	3,3'-Dichlorobenzidine	99	
120-83-2	2,4-Dichlorophenol	80	
84-66-2	Diethyl phthalate	92	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31096.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	77	
131-11-3	Dimethyl phthalate	88	
534-52-1	4,6-Dinitro-2-methylphenol	120	
51-28-5	2,4-Dinitrophenol	110	
121-14-2	2,4-Dinitrotoluene	100	
606-20-2	2,6-Dinitrotoluene	99	
117-84-0	Di-n-octyl phthalate	95	
206-44-0	Fluoranthene	91	
86-73-7	Fluorene	86	
118-74-1	Hexachlorobenzene	97	
87-68-3	Hexachlorobutadiene	40	
77-47-4	Hexachlorocyclopentadiene	50	
67-72-1	Hexachloroethane	31	
193-39-5	Indeno(1,2,3-cd)pyrene	120	
78-59-1	Isophorone	76	
91-57-6	2-Methylnaphthalene	72	
95-48-7	2-Methylphenol	68	
106-44-5	4-Methylphenol	67	
91-20-3	Naphthalene	57	
88-74-4	2-Nitroaniline	89	
99-09-2	3-Nitroaniline	90	
100-01-6	4-Nitroaniline	90	
98-95-3	Nitrobenzene	70	
88-75-5	2-Nitrophenol	80	
100-02-7	4-Nitrophenol	44	J
86-30-6	N-nitrosodiphenylamine	110	
621-64-7	N-Nitroso-Di-n-propylamine	74	
87-86-5	Pentachlorophenol	97	
85-01-8	Phenanthrene	92	B
108-95-2	Phenol	37	
129-00-0	Pyrene	83	
95-95-4	2,4,5-Trichlorophenol	91	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSBD50

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) WATER Lab Sample ID: A8B2157502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V31096.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/02/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

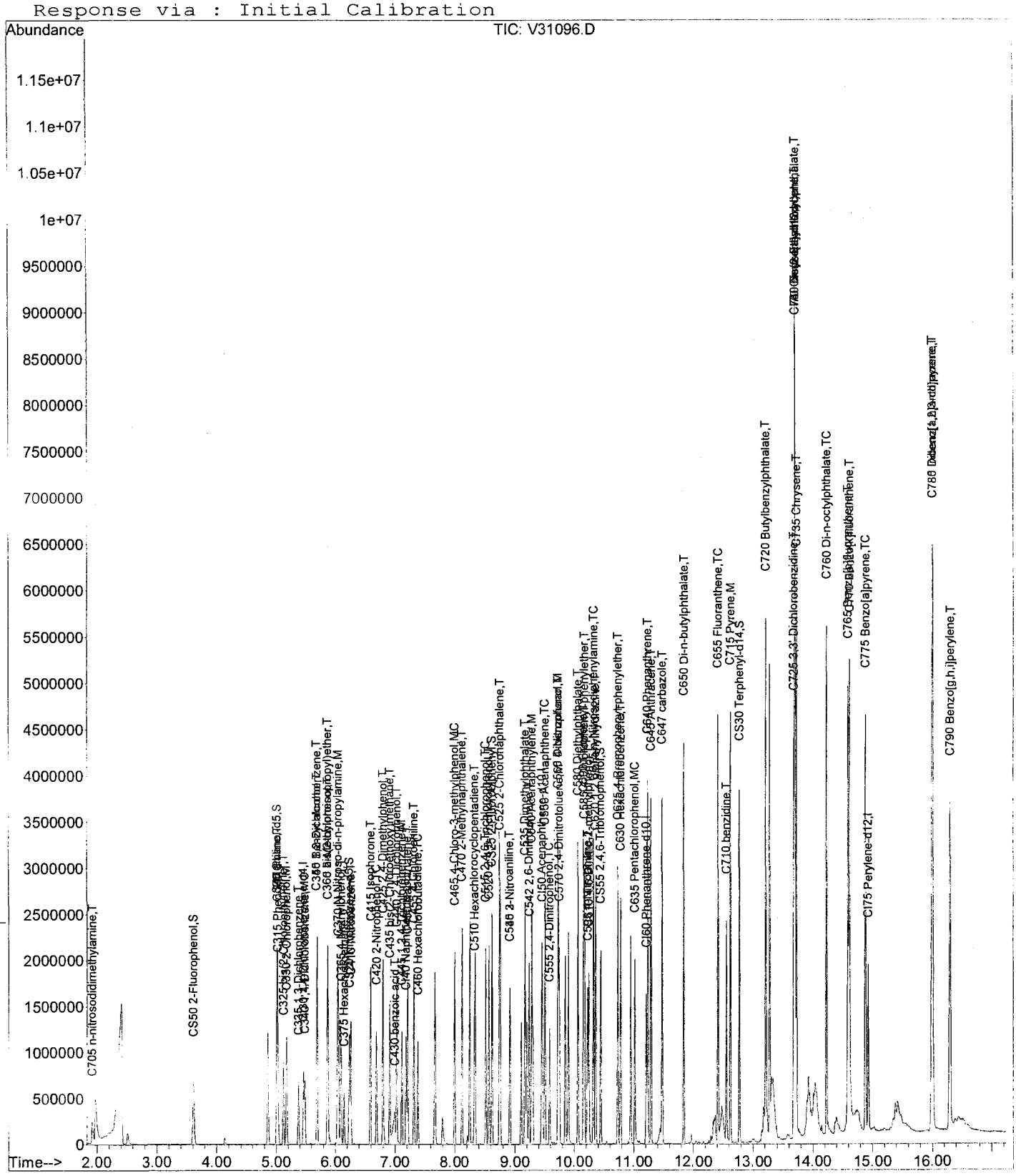
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	88	

Quantitation Report (Not Reviewed)

Data File : D:\DATA\090408\V31096.D Vial: 12
Acq On : 4 Sep 2008 13:46 Operator: MD
Sample : MSBD AW80015762 Inst : HP5973V
Misc : 08-A465/75523 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 4 22:30 2008 Quant Results File: 8270-A8I0579.I

Method : C:\MSDCHEM\1\METHODS\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\090408\V31096.D
Acq On : 4 Sep 2008 13:46
Sample : MSBD AW80015762
Misc : 08-A465/75523
MS Integration Params: RTEINT.P
Quant Time: Sep 04 22:30:53 2008

Via1: 12
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\090408\V31085.D (4 Sep 2008 9:34)

SSMD 9/5/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	133940	40.00	ng	0.00 88.09%
20) CI40 Naphthalene-d8	7.18	136	496834	40.00	ng	0.00 88.26%
35) CI50 Acenaphthene-d10	9.46	164	294203	40.00	ng	0.00 88.52%
56) CI60 Phenanthrene-d10	11.21	188	630575	40.00	ng	0.00 88.72%
68) CI70 Chrysene-d12	13.71	240	676174	40.00	ng	0.00 92.88%
78) CI75 Perylene-d12	14.93	264	624315	40.00	ng	0.00 104.09%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	293270	58.10	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 38.73%			
5) CS45 Phenol-d5	5.01	99	299946	46.29	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 30.86%			
6) CS70 2-chlorophenol-d4	5.17	132	372	0.08	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.05%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.24	82	454246	71.39	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 71.39%			
39) CS25 2-Fluorobiphenyl	8.62	172	792660	71.77	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 71.77%			
59) CS55 2,4,6-Tribromophenol	10.45	330	200041	153.06	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 102.04%			
71) CS30 Terphenyl-d14	12.78	244	1056560	69.00	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 69.00%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.92	74	180982	45.21	ng	94
4) C325 bis(2-Chloroethyl)eth	5.12	93	372360	63.97	ng	90
7) C315 Phenol	5.03	94	264529	36.78	ng #	43
8) C330 2-Chlorophenol	5.17	128	305385	63.85	ng #	73
9) C320 aniline	5.02	93	674918	75.99	ng #	52
10) C335 1,3-Dichlorobenzene	5.38	146	168726	32.22	ng	96
11) C340 1,4-Dichlorobenzene	5.48	146	177290	33.85	ng	96
13) C350 1,2-Dichlorobenzene	5.69	146	176151	36.46	ng	98
14) C345 Benzyl alcohol	5.69	108	237620	72.54	ng #	61
15) C360 bis(2-chloroisopropyl	5.87	45	546035	47.34	ng #	20
16) C355 2-Methylphenol	5.87	108	307608	67.80	ng	97
17) C375 Hexachloroethane	6.15	117	74186	30.86	ng	97
18) C370 N-Nitroso-di-n-propyl	6.05	70	319294	73.81	ng #	72
19) C365 4-Methylphenol	6.09	108	320046	66.93	ng #	79
22) C410 Nitrobenzene	6.26	77	492867	70.07	ng	79
23) C415 Isophorone	6.59	82	878956	76.26	ng	92
24) C430 benzoic acid	7.00	122	172455	94.70	ng #	56
25) C420 2-Nitrophenol	6.69	139	180848	79.60	ng #	53

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31096.D
Acq On : 4 Sep 2008 13:46
Sample : MSBD AW80015762
Misc : 08-A465/75523
MS Integration Params: RTEINT.P
Quant Time: Sep 04 22:30:53 2008

Vial: 12
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: 8270-A8I0579.RES

Quant Method : C:\MSDCHEM\1...\8270-A8I0579.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 04 22:30:19 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C425 2,4-Dimethylphenol	6.80	107	437027	77.10	ng		85
27)	C435 bis(2-Chloroethoxy)me	6.91	93	487692	71.67	ng		95
28)	C440 2,4-Dichlorophenol	7.03	162	320005	80.05	ng		92
29)	C445 1,2,4-Trichlorobenzen	7.11	180	224756	50.80	ng		93
30)	C450 Naphthalene	7.21	128	765890	56.60	ng		97
31)	C455 4-Chloroaniline	7.32	127	471247	85.11	ng		98
32)	C460 Hexachlorobutadiene	7.39	225	137404	40.20	ng		97
33)	C465 4-Chloro-3-methylphen	8.00	107	420705	88.32	ng	#	76
34)	C470 2-Methylnaphthalene	8.12	142	625811	71.62	ng		96
36)	C510 Hexachlorocyclopentad	8.33	237	181524	50.54	ng		97
37)	C515 2,4,6-Trichlorophenol	8.51	196	264020	88.49	ng		96
38)	C520 2,4,5-Trichlorophenol	8.57	196	298604	91.48	ng		97
40)	C525 2-Chloronaphthalene	8.75	162	652110	71.94	ng		92
41)	C530 2-Nitroaniline	8.91	65	354824	88.91	ng	#	61
42)	C540 Acenaphthylene	9.28	152	1180691	79.23	ng		97
43)	C535 Dimethylphthalate	9.17	163	929294	87.83	ng		97
44)	C542 2,6-Dinitrotoluene	9.24	165	216951	99.19	ng	#	71
45)	C550 Acenaphthene	9.51	153	727657	78.93	ng		95
46)	C545 3-Nitroaniline	8.92	138	270913	90.39	ng	#	76
47)	C555 2,4-Dinitrophenol	9.58	184	151112	109.86	ng		81
48)	C565 Dibenzofuran	9.73	168	1120054	82.54	ng		86
49)	C570 2,4-Dinitrotoluene	9.75	165	302706	100.47	ng	#	63
50)	C560 4-Nitrophenol	9.73	109	104535	44.19	ng	#	1
51)	C590 Fluorene	10.15	166	950022	85.88	ng		93
52)	C585 4-Chlorophenyl-phenyl	10.17	204	496473	85.51	ng		95
53)	C580 Diethylphthalate	10.06	149	1047181	92.55	ng		96
54)	C620 1,2 diphenylhydrazine	10.36	77	1163362	84.20	ng		90
55)	C595 4-Nitroaniline	10.22	138	227443	90.52	ng	#	49
57)	C610 4,6-Dinitro-2-methylp	10.24	198	203972	118.63	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	845256	110.13	ng		97
60)	C625 4-Bromophenyl-phenyle	10.74	248	292334	95.66	ng		97
61)	C630 Hexachlorobenzene	10.78	284	305090	97.28	ng		94
62)	C635 Pentachlorophenol	11.02	266	178118	96.67	ng		96
63)	C640 Phenanthrene	11.23	178	1432143	92.20	ng		95
64)	C645 Anthracene	11.29	178	1417683	88.06	ng		95
65)	C647 carbazole	11.48	167	1420515	91.32	ng		96
66)	C650 Di-n-butylphthalate	11.84	149	1810398	100.25	ng		95
67)	C655 Fluoranthene	12.41	202	1797974	90.66	ng		94
69)	C715 Pyrene	12.63	202	1866332	82.60	ng		89
70)	C710 benzidine	12.56	184	787851	76.53	ng		99
72)	C720 Butylbenzylphthalate	13.21	149	937327	96.63	ng	#	71
73)	C725 3,3'-Dichlorobenzidin	13.68	252	711733	99.39	ng		97
74)	C730 Benzo[a]anthracene	13.69	228	1892070	89.77	ng		97
75)	C735 Chrysene	13.73	228	1783248	86.27	ng		95
76)	C740 bis(2-Ethylhexyl)phth	13.70	149	1266709	94.48	ng		93
77)	C760 Di-n-octylphthalate	14.23	149	2173855	95.26	ng		95
79)	C765 Benzo[b]fluoranthene	14.59	252	1877445	81.35	ng		89
80)	C770 Benzo[k]fluoranthene	14.62	252	1821396	85.38	ng		91
81)	C775 Benzo[a]pyrene	14.89	252	1944460	97.09	ng		95
82)	C780 Indeno[1,2,3-cd]pyren	16.00	276	2811134	123.49	ng		84
83)	C785 Dibenz[a,h]anthracene	16.01	278	2341292	121.21	ng		90
84)	C790 Benzo[g,h,i]perylene	16.30	276	2311395	121.41	ng		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\090408\V31096.D
Acq On : 4 Sep 2008 13:46
Sample : MSBD AW80015762
Misc : 08-A465/75/52
MS Integration Params: rteint.p
Quant Time: Sep 05 14:10:50 2008

Vial: 12
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: TCLADDS-0562.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-0562.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Sep 05 00:30:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\072908\V30066.D (29 Jul 2008 10:01)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.46	152	133940	40.00	ng	0.01 84.65%
4) CI40 Naphthalene-d8	7.18	136	496834	40.00	ng	0.00 88.91%
7) CI50 Acenaphthene-d10	9.46	164	294203	40.00	ng	0.01 91.23%
10) CI60 Phenanthrene-d10	11.21	188	630575	40.00	ng	0.01 99.45%
12) CI70 Chrysene-d12	13.71	240	676174	40.00	ng	0.02 99.64%
13) CI75 Perylene-d12	14.93	264	624315	40.00	ng	0.01 114.95%

Target Compounds						Qvalue
2) E600 Benzaldehyde	4.86	77	324475	64.22	ng	88
3) E145 Acetophenone	6.03	105	558429	71.45	ng	91
5) E655 Caprolactam	7.80	113	49850	33.98	ng	# 58
6) E195 1,2,4,5-Tetrachlorob	8.34	216	341936	73.77	ng	96
8) C811 1,1'-Biphenyl	8.74	154	853377	70.62	ng	94
9) E230 2,3,4,6-Tetrachloroph	9.90	232	266603	128.11	ng	90
11) E510 Atrazine	10.95	200	235555	65.99	ng	96

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801MS

Sample wt/vol: 30.46 (g/mL) G Lab File ID: W26166.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3200	
208-96-8	Acenaphthylene	370	U
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	370	U
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
191-24-2	Benzo(ghi)perylene	370	U
50-32-8	Benzo(a)pyrene	370	U
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	1900	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	3400	
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	2700	
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	24	BJ
53-70-3	Dibenzo(a,h)anthracene	370	U
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801MS

Sample wt/vol: 30.46 (g/mL) G Lab File ID: W26166.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	3600	
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	370	U
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	370	U
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	3400	
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	3100	
87-86-5	Pentachlorophenol	3100	
85-01-8	Phenanthrene	370	U
108-95-2	Phenol	2700	
129-00-0	Pyrene	3600	
95-95-4	2,4,5-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801MS

Sample wt/vol: 30.46 (g/mL) G Lab File ID: W26166.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

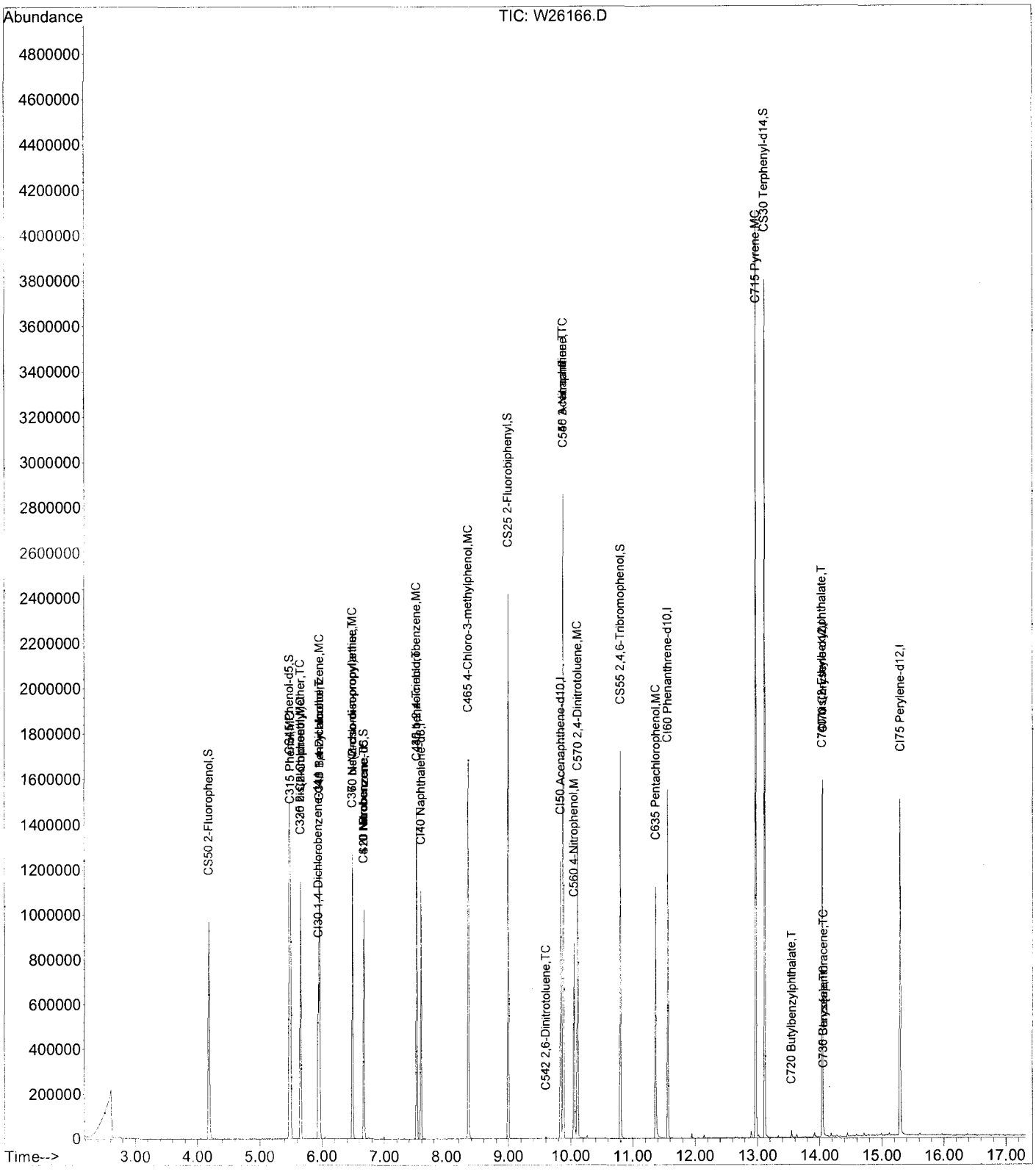
GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

Quantitation Report (Not Reviewed) **1869/3648** + Add

Data File : C:\MSDCHEM\1\DATA\090508\W26166.D Vial: 20
Acq On : 5 Sep 2008 19:03 Operator: JLG
Sample : A8A71801MS AS80011359 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 08 08:55:55 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26166.D Vial: 20
Acq On : 5 Sep 2008 19:03 Operator: JLG
Sample : A8A71801MS AS80011359 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:55 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

JW 9/30/08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	123256	40.00 ng	0.00 120.80%
20) CI40 Naphthalene-d8	7.59	136	533268	40.00 ng	0.00 123.09%
35) CI50 Acenaphthene-d10	9.84	164	309023	40.00 ng	0.00 120.65%
56) CI60 Phenanthrene-d10	11.56	188	566207	40.00 ng	0.00 119.36%
68) CI70 Chrysene-d12	14.04	240	556870	40.00 ng	0.00 114.81%
78) CI75 Perylene-d12	15.29	264	531380	40.00 ng	0.00 129.13%
System Monitoring Compounds					
3) CS50 2-Fluorophenol	4.18	112	435479	99.28 ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	66.19%	
5) CS45 Phenol-d5	5.48	99	673667	114.16 ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	76.11%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00 ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00 ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#	
21) CS20 Nitrobenzene-d5	6.67	82	359135	77.64 ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	77.64%	
39) CS25 2-Fluorobiphenyl	9.00	172	802608	78.72 ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	78.72%	
59) CS55 2,4,6-Tribromophenol	10.80	330	187272	147.23 ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	98.15%	
71) CS30 Terphenyl-d14	13.12	244	1130833	85.16 ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	85.16%	
Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)eth	5.66	93	7148	1.46 ng	# 1
7) C315 Phenol	5.50	94	464856	72.75 ng	# 75
8) C330 2-Chlorophenol	5.66	128	356058	71.01 ng	89
9) C320 aniline	5.51	93	672	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	5.96	146	363668	67.89 ng	96
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	5.96	108	1849	0.57 ng	# 7
15) C360 bis(2-chloroisopropyl	6.49	45	1773	0.24 ng	76
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-propyl	6.49	70	276523	83.28 ng	89
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	6.67	77	1058	0.22 ng	# 42
23) C415 Isophorone	0.00	82	0	N.D.	
24) C430 benzoic acid	7.52	122	1427	83.54 ng	# 1
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	7.52	93	178	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

9/30/08

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26166.D Vial: 20
Acq On : 5 Sep 2008 19:03 Operator: JLG
Sample : A8A71801MS AS80011359 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:55 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.52	180	295281	72.93	ng		97
30) C450 Naphthalene	7.62	128	397	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylphen	8.35	107	368571	90.11	ng		94
34) C470 2-Methylnaphthalene	8.51	142	167	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	9.60	165	2284	1.06	ng	#	79
45) C550 Acenaphthene	9.88	153	765480	86.62	ng		98
46) C545 3-Nitroaniline	9.88	138	617	0.25	ng	#	1
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	10.26	168	505	N.D.			
49) C570 2,4-Dinitrotoluene	10.11	165	285738	97.33	ng	#	5
50) C560 4-Nitrophenol	10.05	109	113897	90.75	ng	#	85
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydrazi	10.80	77	928	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	11.37	266	140831	83.07	ng		98
63) C640 Phenanthrene	11.59	178	1853	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	11.95	167	782	N.D.			
66) C650 Di-n-butylphthalate	12.18	149	1794	N.D.			
67) C655 Fluoranthene	12.76	202	1384	N.D.			
69) C715 Pyrene	12.98	202	1700268	94.85	ng		100
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.55	149	6469	0.81	ng		87
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	14.06	228	10616	0.65	ng		92
75) C735 Chrysene	14.06	228	10616	0.63	ng		95
76) C740 bis(2-Ethylhexyl)phth	14.03	149	13744	1.18	ng		98
77) C760 Di-n-octylphthalate	14.56	149	1094	N.D.			
79) C765 Benzo[b]fluoranthen	14.94	252	484	N.D.			
80) C770 Benzo[k]fluoranthen	14.96	252	596	N.D.			
81) C775 Benzo[a]pyrene	15.29	252	2539	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed) **1872/3648**

Data File : C:\MSDCHEM\1\DATA\090508\W26166.D Vial: 20
Acq On : 5 Sep 2008 19:03 Operator: JLG
Sample : A8A71801MS AS80011359 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 11:58:09 2008 Results File: TCLADDS...0559.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0559.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Sep 08 10:55:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090808\W26189.D (8 Sep 2008 10:31)

JG 09/3/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	123256	40.00	ng	0.04 109.40%
4) CI40 Naphthalene-d8	7.59	136	533268	40.00	ng	0.03 113.31%
7) CI50 Acenaphthene-d8	9.84	164	309023	40.00	ng	0.03 118.36%
10) CI60 Phenanthrene-d10	11.56	188	566207	40.00	ng	0.02 119.10%
12) CI70 Chrysene-d12	14.04	240	556870	40.00	ng	0.03 114.66%
13) CI75 Perylene-d12	15.29	264	531380	40.00	ng	0.03 119.08%

Target Compounds						Qvalue
~~2) E600 Benzaldehyde~~	~~5.50~~	~~77~~	~~4756~~	~~1.18~~	~~ng~~	~~# 6~~
3) E145 Acetophenone	0.00	105	0	N.D.		
~~5) E655 Caprolactam~~	~~8.36~~	~~113~~	~~10944~~	~~10.38~~	~~ng~~	~~# 7~~
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloroph	10.26	232	2699	1.30	ng	89
~~11) E510 Atrazine~~	~~11.37~~	~~200~~	~~25588~~	~~8.13~~	~~ng~~	~~# 32~~

(#) = qualifier out of range (m) = manual integration (+) = signals summed

9/3/2008

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801SD

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W26167.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3200	
208-96-8	Acenaphthylene	370	U
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	370	U
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
191-24-2	Benzo(ghi)perylene	370	U
50-32-8	Benzo(a)pyrene	370	U
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	1900	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	3400	
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	2700	
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	23	BJ
53-70-3	Dibenzo(a,h)anthracene	370	U
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801SD

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W26167.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	3700	
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	370	U
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	370	U
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	3500	
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	3200	
87-86-5	Pentachlorophenol	3100	
85-01-8	Phenanthrene	370	U
108-95-2	Phenol	2800	
129-00-0	Pyrene	3600	
95-95-4	2,4,5-Trichlorophenol	370	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix: (soil/water) SOIL Lab Sample ID: A8A71801SD

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W26167.RR

Level: (low/med) LOW Date Samp/Recv: 09/02/2008 09/03/2008

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/04/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/05/2008

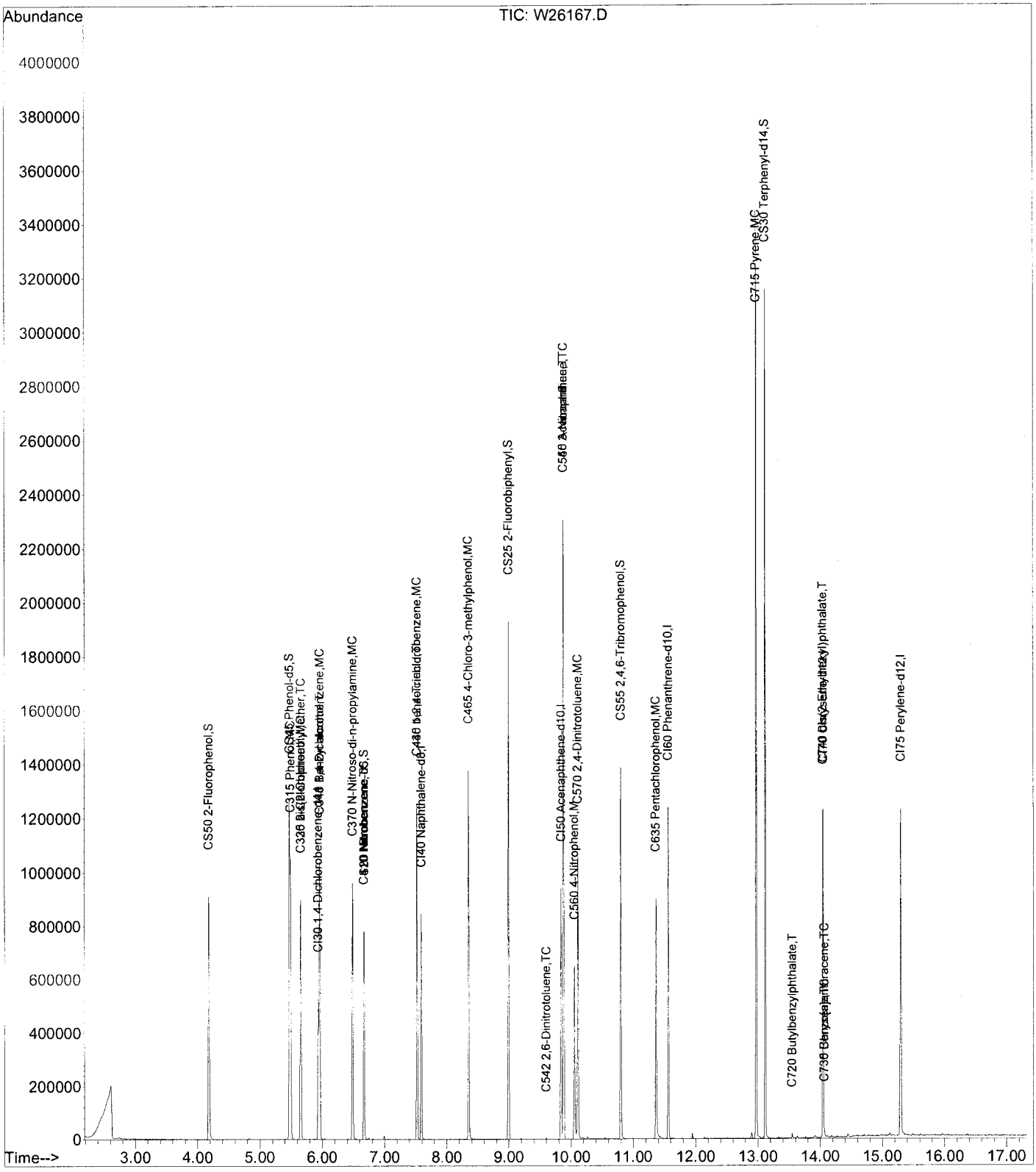
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

Data File : C:\MSDCHEM\1\DATA\090508\W26167.D Vial: 21
Acq On : 5 Sep 2008 19:26 Operator: JLG
Sample : A8A71801SD AS80011360 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 08 08:55:57 2008 Results File: A8I0000639.RES
Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26167.D Vial: 21
Acq On : 5 Sep 2008 19:26 Operator: JLG
Sample : A8A71801SD AS80011360 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:57 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	94458	40.00	ng	0.00 92.58%
20) CI40 Naphthalene-d8	7.59	136	412178	40.00	ng	0.00 95.14%
35) CI50 Acenaphthene-d10	9.84	164	244252	40.00	ng	0.00 95.36%
56) CI60 Phenanthrene-d10	11.56	188	451075	40.00	ng	0.00 95.09%
68) CI70 Chrysene-d12	14.04	240	438021	40.00	ng	0.00 90.30%
78) CI75 Perylene-d12	15.29	264	462842	40.00	ng	0.00 112.47%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.18	112	348684	103.73	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 69.15%			
5) CS45 Phenol-d5	5.48	99	537053	118.75	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 79.17%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.67	82	284818	79.67	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 79.67%			
39) CS25 2-Fluorobiphenyl	9.00	172	636475	78.98	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 78.98%			
59) CS55 2,4,6-Tribromophenol	10.80	330	151007	149.02	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 99.35%			
71) CS30 Terphenyl-d14	13.12	244	915608	87.66	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 87.66%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	5.65	93	6318	1.69	ng #	1
7) C315 Phenol	5.49	94	374640	76.51	ng #	75
8) C330 2-Chlorophenol	5.66	128	283473	73.77	ng	87
9) C320 aniline	5.51	93	301	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.96	146	293389	71.47	ng	96
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	5.96	108	1602	0.65	ng #	1
15) C360 bis(2-chloroisoprop	6.49	45	1077	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.49	70	217166	85.35	ng	91
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.67	77	1017	0.27	ng #	42
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	7.53	122	1242	83.58	ng #	1
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	7.52	93	170	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26167.D Vial: 21
Acq On : 5 Sep 2008 19:26 Operator: JLG
Sample : A8A71801SD AS80011360 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 08:55:57 2008 Results File: A8I0000639.RES

Quant Method : C:\MSDCHEM\1...\A8I0000639.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 08 08:55:02 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090508\W26146.D (5 Sep 2008 11:17)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.52	180	240522	76.85	ng		98
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylphen	8.35	107	289451	91.55	ng		93
34) C470 2-Methylnaphthalene	8.48	142	185	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	9.60	165	1602	0.94	ng	#	85
45) C550 Acenaphthene	9.88	153	607152	86.93	ng		99
46) C545 3-Nitroaniline	9.88	138	420	0.21	ng	#	1
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	10.26	168	165	N.D.			
49) C570 2,4-Dinitrotoluene	10.11	165	229142	98.75	ng	#	11
50) C560 4-Nitrophenol	10.05	109	92469	93.12	ng	#	81
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydrazi	10.80	77	833	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	11.37	266	112982	83.62	ng		98
63) C640 Phenanthrene	11.58	178	1173	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	11.95	167	544	N.D.			
66) C650 Di-n-butylphthalate	12.18	149	977	N.D.			
67) C655 Fluoranthene	12.76	202	981	N.D.			
69) C715 Pyrene	12.97	202	1372244	97.32	ng		95
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.55	149	3794	0.61	ng		95
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	14.07	228	8046	0.63	ng		88
75) C735 Chrysene	14.07	228	8046	0.61	ng		91
76) C740 bis(2-Ethylhexyl)phth	14.03	149	7787	0.85	ng		93
77) C760 Di-n-octylphthalate	14.56	149	858	N.D.			
79) C765 Benzo[b]fluoranthen	14.95	252	175	N.D.			
80) C770 Benzo[k]fluoranthen	14.95	252	175	N.D.			
81) C775 Benzo[a]pyrene	15.29	252	1443	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

9/12/08

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\090508\W26167.D Vial: 21
Acq On : 5 Sep 2008 19:26 Operator: JLG
Sample : A8A71801SD AS80011360 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 08 11:58:09 2008 Results File: TCLADDS...0559.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0559.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Sep 08 10:55:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : C:\MSDChem\1\DATA\090808\W26189.D (8 Sep 2008 10:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	94458	40.00	ng	0.03 83.84%
4) CI40 Naphthalene-d8	7.59	136	412178	40.00	ng	0.03 87.58%
7) CI50 Acenaphthene-d8	9.84	164	244252	40.00	ng	0.03 93.55%
10) CI60 Phenanthrene-d10	11.56	188	451075	40.00	ng	0.02 94.88%
12) CI70 Chrysene-d12	14.04	240	438021	40.00	ng	0.03 90.19%
13) CI75 Perylene-d12	15.29	264	462842	40.00	ng	0.03 103.72%

Target Compounds						Qvalue
2) E600 Benzaldehyde	5.49	77	3452	1.12	ng	# 6
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	8.35	113	8327	10.22	ng	# 17
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloroph	10.26	232	2101	1.28	ng	89
11) E510 Atrazine	11.36	200	20339	8.11	ng	# 32

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47501	AS80010958	08/29/2008	JS	TCL SVOS	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47502	AS80010959	08/29/2008	JS	TCL SVOS	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47503	AS80010960	08/29/2008	JS	TCL SVOS	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47504	AS80010961	08/29/2008	JS	TCL SVOS	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47505	AS80010962	08/29/2008	JS	TCL SVOS	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47506	AS80010963	08/29/2008	JS	TCL SVOS	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47507	AS80010964	08/29/2008	JS	TCL SVOS	1.29	6.21	5.33	4.92	4.04	82.11	N

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A629	A8A62903	AS80011343	09/04/2008	CM	TCL SVOS	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62904	AS80011344	09/04/2008	CM	TCL SVOS	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62905	AS80011345	09/04/2008	CM	TCL SVOS	1.34	7.61	6.55	6.27	5.21	83.09	N

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A713	A8A71301	AS80011346	09/04/2008	CM	TCL SVOS	1.30	6.42	5.12	5.12	3.82	74.61	N

1882/3648

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A718	A8A71801	AS80011358	09/04/2008	CW	TCL SVOS	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AS80011359	09/04/2008	CW	TCL SVOS	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AS80011360	09/04/2008	CW	TCL SVOS	1.31	7.62	6.83	6.31	5.52	87.48	N

estAmerica Lab
ite: 09/09/2008
me: 17:36:50

Organic Prep Log Book
(355B) 8270 SOILS
A8B21460 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 08/29/2008 CW

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 08/29/2008 JB

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
08-A399	A8A39901	A	FS	AS80010950	TCL BN		8270	A00001		30.1400		1.00	1.31	5.74	5.14	N
08-A399	A8A39902	A	FS	AS80010951	TCL BN		8270	A00001		30.3700		1.00	1.28	5.39	5.00	N
08-A460	A8A46004	A	FS	AS80010952	TCL BN		8270	A00001		30.5900		1.00	1.30	6.02	4.99	N
8B21460	A8B2146001		MSB	AS80010953	TCL BN		8270	A00001	A00055	30.4800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146002		MSBD	AS80010954	TCL BN		8270	A00001	A00055	30.9800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146003		SBLK	AS80010955	TCL BN		8270	A00001		30.1600		1.00	0.00	0.00	0.00	N
8B21460	A8B2146001		MSB	AS80010953	TCL SVOS		8270	A00001	A00055	30.4800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146002		MSBD	AS80010954	TCL SVOS		8270	A00001	A00055	30.9800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146003		SBLK	AS80010955	TCL SVOS		8270	A00001		30.1600		1.00	0.00	0.00	0.00	N
08-A460	A8A46003	A	FS	AS80010956	TCL SVOS		8270	A00001		30.9700		1.00	1.31	5.92	5.34	N
08-A460	A8A46011	A	FS	AS80010957	TCL SVOS		8270	A00001		30.6800		1.00	1.29	5.26	4.76	N
8B21460	A8B2146001		MSB	AS80010953	TCL SVOS		8270	A00001	A00055	30.4800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146002		MSBD	AS80010954	TCL SVOS		8270	A00001	A00055	30.9800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146003		SBLK	AS80010955	TCL SVOS		8270	A00001		30.1600		1.00	0.00	0.00	0.00	N
08-A475	A8A47501	B	FS	AS80010958	TCL SVOS		8270	A00001		30.2900		1.00	1.31	7.26	6.13	N
08-A475	A8A47502	A	FS	AS80010959	TCL SVOS		8270	A00001		30.5900		1.00	1.31	6.12	4.54	N

D* = Decanted(Y/N)

1884/3648

Organic Prep Log Book
(355B) 8270 SOILS
A8B21460 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 08/29/2008 CW

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 08/29/2008 JB

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
08-A475	A8A47503	B	FS	AS80010960	TCL SVOS		8270	A00001		30.3000		1.00	1.30	7.80	6.69	N
08-A475	A8A47504	A	FS	AS80010961	TCL SVOS		8270	A00001		30.1400		1.00	1.32	6.66	6.05	N
08-A475	A8A47505	A	FS	AS80010962	TCL SVOS		8270	A00001		30.2600		1.00	1.32	7.18	6.32	N
08-A475	A8A47506	A	FS	AS80010963	TCL SVOS		8270	A00001		30.6500		1.00	1.30	6.59	5.71	N
08-A475	A8A47507	A	FS	AS80010964	TCL SVOS		8270	A00001		30.9800		1.00	1.29	6.21	5.33	N
8B21460	A8B2146001		MSB	AS80010953	8270SVOS		8270	A00001	A00055	30.4800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146002		MSBD	AS80010954	8270SVOS		8270	A00001	A00055	30.9800		1.00	0.00	0.00	0.00	N
8B21460	A8B2146003		SBLK	AS80010955	8270SVOS		8270	A00001		30.1600		1.00	0.00	0.00	0.00	N
08-A457	A8A45701	A	FS	AS80010965	8270SVOS		8270	A00001		30.6300		1.00	1.31	7.04	6.04	N
08-A457	A8A45702	A	FS	AS80010966	8270SVOS		8270	A00001		30.4600		1.00	1.29	5.84	5.25	N
08-A457	A8A45703	A	FS	AS80010967	8270SVOS		8270	A00001		30.4200		1.00	1.29	5.31	4.74	N

Comments:

D* = Decanted(Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-A399	A8A39901	FS	AS80010950	CTA31195	30.14	1.31	5.74	5.14
A08-A399	A8A39902	FS	AS80010951	CTA31195	30.37	1.28	5.39	5
A08-A460	A8A46004	FS	AS80010952	CTA31195	30.59	1.3	6.02	4.99
A8B21460	A8B2146001	MSB	AS80010953	CTA31195	30.48			
A8B21460	A8B2146001	MSB	AS80010953	CTA31196	30.48			
A8B21460	A8B2146001	MSB	AS80010953	CTA34229	30.48			
A8B21460	A8B2146001	MSB	AS80010953	CTA40504	30.48			
A8B21460	A8B2146002	MSBD	AS80010954	CTA31195	30.98			
A8B21460	A8B2146002	MSBD	AS80010954	CTA31196	30.98			
A8B21460	A8B2146002	MSBD	AS80010954	CTA34229	30.98			
A8B21460	A8B2146002	MSBD	AS80010954	CTA40504	30.98			
A8B21460	A8B2146003	SBLK	AS80010955	CTA31195	30.16			
A8B21460	A8B2146003	SBLK	AS80010955	CTA31196	30.16			
A8B21460	A8B2146003	SBLK	AS80010955	CTA34229	30.16			
A8B21460	A8B2146003	SBLK	AS80010955	CTA40504	30.16			
A08-A460	A8A46003	FS	AS80010956	CTA31196	30.97	1.31	5.92	5.34
A08-A460	A8A46011	FS	AS80010957	CTA31196	30.68	1.29	5.26	4.76
A08-A475	A8A47501	FS	AS80010958	CTA34229	30.29	1.31	7.26	6.13
A08-A475	A8A47502	FS	AS80010959	CTA34229	30.59	1.31	6.12	4.54
A08-A475	A8A47503	FS	AS80010960	CTA34229	30.3	1.3	7.8	6.69
A08-A475	A8A47504	FS	AS80010961	CTA34229	30.14	1.32	6.66	6.05
A08-A475	A8A47505	FS	AS80010962	CTA34229	30.26	1.32	7.18	6.32
A08-A475	A8A47506	FS	AS80010963	CTA34229	30.65	1.3	6.59	5.71
A08-A475	A8A47507	FS	AS80010964	CTA34229	30.98	1.29	6.21	5.33
A08-A457	A8A45701	FS	AS80010965	CTA40504	30.63	1.31	7.04	6.04
A08-A457	A8A45702	FS	AS80010966	CTA40504	30.46	1.29	5.84	5.25
A08-A457	A8A45703	FS	AS80010967	CTA40504	30.42	1.29	5.31	4.74

TestAmerica Lab
Date: 08/28/2008
Time: 22:23:40

Organic Prep Log Book
(355B) 8270 SOILS
A8B21460

Rept: AN0501

SURROGATE A01
Expiration Date: 2/25/09
Prepared by: CD-3566
Spiked by: CW 1000.00 ul
Witnessed by: _____

MATRIX SPIKE AS5
Expiration Date: 9/10/08
Prepared by: CM
Spiked by: CW 1000.00 ul
Witnessed by: _____

MeCl2: 627304
Acetone: _____
Hexane: _____
Na2So4: 27868093
Conc.H2SO4: _____

Date Ext/Initials: 8/29/08 CD
Preconc Date/Initials: _____ _____
Cleanup Date/Initials: _____ _____
SOLID EXTRACTIONS
Final Conc Date/Initials: 8/29/08 JB

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-A399	A8A39901	A	FS	AS80010950	TCL BN x20		8270	A00001				1.0				N
A08-A399	A8A39902	↓	FS	AS80010951	TCL BN x20		8270	A00001								
A08-A460	A8A46004	↓	FS	AS80010952	TCL BN x20		8270	A00001								
A8B21460	A8B2146001		MSB	AS80010953	TCL BN		8270	A00001	A00055							
A8B21460	A8B2146002		MSBD	AS80010954	TCL BN		8270	A00001	A00055							
A8B21460	A8B2146003		SBLK	AS80010955	TCL BN		8270	A00001								
A8B21460	A8B2146001		MSB	AS80010953	TCL SVOS		8270	A00001	A00055							
A8B21460	A8B2146002		MSBD	AS80010954	TCL SVOS		8270	A00001	A00055							
A8B21460	A8B2146003		SBLK	AS80010955	TCL SVOS		8270	A00001								
A08-A460	A8A46003	A	FS	AS80010956	TCL SVOS x5		8270	A00001								
A08-A460	A8A46011	↓	FS	AS80010957	TCL SVOS x5		8270	A00001								
A8B21460	A8B2146001		MSB	AS80010953	TCL SVOS		8270	A00001	A00055							
A8B21460	A8B2146002		MSBD	AS80010954	TCL SVOS		8270	A00001	A00055							
A8B21460	A8B2146003		SBLK	AS80010955	TCL SVOS		8270	A00001								
A08-A475	A8A47501	B	FS	AS80010958	TCL SVOS		8270	A00001								
A08-A475	A8A47502	A	FS	AS80010959	TCL SVOS x20		8270	A00001								

D* = Decanted (Y/N)

1887/3648

TestAmerica Lab
Date: 08/28/2008
Time: 22:23:40

Organic Prep Log Book
(355B) 8270 SOILS
A8B21460

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
Conc.H2SO4: _____

Date Ext/Initials: _____ _____

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: _____ _____

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-A475	A8A47503	B	FS	AS80010960	TCL SVOS		8270	A00001				1.0				N
A08-A475	A8A47504	A	FS	AS80010961	TCL SVOS		8270	A00001								
A08-A475	A8A47505		FS	AS80010962	TCL SVOS		8270	A00001								
A08-A475	A8A47506		FS	AS80010963	TCL SVOS		8270	A00001								
A08-A475	A8A47507		FS	AS80010964	TCL SVOS		8270	A00001								
A8B21460	A8B2146001		MSB	AS80010953	8270SVOS		8270	A00001	A00055							
A8B21460	A8B2146002		MSBD	AS80010954	8270SVOS		8270	A00001	A00055							
A8B21460	A8B2146003		SBLK	AS80010955	8270SVOS		8270	A00001								
A08-A457	A8A45701	A	FS	AS80010965	8270SVOS		8270	A00001								
A08-A457	A8A45702		FS	AS80010966	8270SVOS		8270	A00001								
A08-A457	A8A45703		FS	AS80010967	8270SVOS		8270	A00001								

Acceptance Limits: 30-40 °C Turbovap Temp: 32.2 32.0 31.6

Entered Initials: JS

Gas Flow Check: CW

Closed Initials: CW

Comments: _____

1888/3648

D* = Decanted (Y/N)

estAmerica Lab
ite: 09/09/2008
me: 17:36:20

Organic Prep Log Book
(3510C) 8270 RUSH WATER
A8B21493 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 08/29/2008 EKD

Date Cleanup/Initials: _____ _____

Extraction Type (SEPF) or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 08/29/2008 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
08-A465	A8A46501	A	FS	AW80015617	TCL BNA		8270	A00001			6.00	1030.0000	1.00
08-A465	A8A46502	A	FS	AW80015618	TCL BNA		8270	A00001			6.00	1060.0000	1.00
08-A465	A8A46503	A	FS	AW80015619	TCL BNA		8270	A00001			6.00	1060.0000	1.00
8B21493	A8B2149301		MSB	AW80015620	TCL BNA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149302		MSBD	AW80015621	TCL BNA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149303		SBLK	AW80015622	TCL BNA		8270	A00001			5.00	1000.0000	1.00
8B21493	A8B2149301		MSB	AW80015620	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149302		MSBD	AW80015621	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149303		SBLK	AW80015622	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
08-A475	A8A47508	A	FS	AW80015623	TCL SVOA		8270	A00001			6.00	820.0000	1.00
8B21493	A8B2149301		MSB	AW80015620	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149302		MSBD	AW80015621	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149303		SBLK	AW80015622	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
08-A474	A8A47401	A	FS	AW80015624	TCL SVOA		8270	A00001			6.00	1060.0000	1.00
8B21493	A8B2149301		MSB	AW80015620	TCL SVOA		8270	A00001	A00193		5.00	1000.0000	1.00
8B21493	A8B2149302		MSBD	AW80015621	TCL SVOA		8270	A00001	A00193		5.00	1000.0000	1.00

1889/3648

estAmerica Lab
ate: 09/09/2008
me: 17:36:20

Organic Prep Log Book
(3510C) 8270 RUSH WATER
A8B21493 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 08/29/2008 EKD

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 08/29/2008 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
8B21493	A8B2149303		SBLK	AW80015622	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
08-A459	A8A45901	A	FS	AW80015625	TCL SVOA		8270	A00001			0.00	1000.0000	1.00
8B21493	A8B2149301		MSB	AW80015620	TCL BN		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149302		MSBD	AW80015621	TCL BN		8270	A00001	A00055		5.00	1000.0000	1.00
8B21493	A8B2149303		SBLK	AW80015622	TCL BN		8270	A00001			5.00	1000.0000	1.00
08-A448	A8A44801	A	FS	AW80015626	TCL BN		8270	A00001			7.00	830.0000	1.00
08-A448	A8A44802	A	FS	AW80015627	TCL BN		8270	A00001			6.00	1000.0000	1.00
08-A448	A8A44803	A	FS	AW80015628	TCL BN		8270	A00001			6.00	900.0000	1.00
08-A448	A8A44804	A	FS	AW80015629	TCL BN		8270	A00001			6.00	910.0000	1.00
08-A448	A8A44805	A	FS	AW80015630	TCL BN		8270	A00001			6.00	920.0000	1.00
08-A448	A8A44806	A	FS	AW80015631	TCL BN		8270	A00001			6.00	930.0000	1.00
08-A448	A8A44807	A	FS	AW80015632	TCL BN		8270	A00001			6.00	870.0000	1.00
08-A448	A8A44808	A	FS	AW80015633	TCL BN		8270	A00001			6.00	880.0000	1.00
08-A448	A8A44809	A	FS	AW80015634	TCL BN		8270	A00001			6.00	930.0000	1.00
08-A448	A8A44810	A	FS	AW80015635	TCL BN		8270	A00001			6.00	1000.0000	1.00
08-A459	A8A45901	A	FS		Eff SVOA		8270	A00001			6.00	1060.0000	1.00

1890/3648

estAmerica Lab
ate: 09/09/2008
me: 17:36:20

Organic Prep Log Book
(3510C) 8270 RUSH WATER
A8B21493 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 08/29/2008 EKD

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 08/29/2008 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B21493	A8B2149301		MSB		Eff SVOA		8270	A00001	A00193	_____	5.00	1000.0000	1.00
A8B21493	A8B2149302		MSBD		Eff SVOA		8270	A00001	A00193	_____	5.00	1000.0000	1.00
A8B21493	A8B2149303		SBLK		Eff SVOA		8270	A00001	_____	_____	5.00	1000.0000	1.00

Comments: SAMPLES HAD SEDIMENT REMAINING IN THE BOTTLE AFTER THEY WERE POURED IN THE SEP. FUNNEL. EKD 8-29-08

1891/3648

TestAmerica Lab
Date: 08/29/2008
Time: 12:34:45

Organic Prep Log Book
(3510C) 8270 RUSH WATER
A8B21493

Rept: AN0501

SURROGATE A01
Expiration Date: 2-25-09
Prepared by: CD-3266
Spiked by: EKD 1000.00 ul
Witnessed by: _____

MATRIX SPIKE A93/BL03
Expiration Date: 2-19-09 / 2-13-09
Prepared by: BM / EKD
Spiked by: EKD / EKD 1000.00 ul
Witnessed by: _____

MeCl2: G27J04
Acetone: _____
Hexane: _____
Na2So4: 278698003
1:1 H2SO4: 8128
10 N NaOH: 8090

Date Ext/Initials: 8-29-08 EKD

Date Cleanup/Initials: _____ _____

Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 8-29-08 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A465	A8A46501	A	FS	AW80015617	TCL BNA		8270	A00001		Tan	6	1030	1.0
A08-A465	A8A46502		FS	AW80015618	TCL BNA		8270	A00001				1060	
A08-A465	A8A46503		FS	AW80015619	TCL BNA		8270	A00001					
A8B21493	A8B2149301		MSB	AW80015620	TCL BNA		8270	A00001	A00055	clear	5	1000	
A8B21493	A8B2149302		MSBD	AW80015621	TCL BNA		8270	A00001	A00055				
A8B21493	A8B2149303		SBLK	AW80015622	TCL BNA		8270	A00001					
A8B21493	A8B2149301		MSB	AW80015620	TCL SVOA		8270	A00001	A00055				
A8B21493	A8B2149302		MSBD	AW80015621	TCL SVOA		8270	A00001	A00055				
A8B21493	A8B2149303		SBLK	AW80015622	TCL SVOA		8270	A00001					
A08-A475	A8A47508	A	FS	AW80015623	TCL SVOA		8270	A00001		Clear	6	820	
A8B21493	A8B2149301		MSB	AW80015620	TCL SVOA		8270	A00001	A00055	clear	5	1000	
A8B21493	A8B2149302		MSBD	AW80015621	TCL SVOA		8270	A00001	A00055				
A8B21493	A8B2149303		SBLK	AW80015622	TCL SVOA		8270	A00001					
A08-A474	A8A47401	A	FS	AW80015624	TCL SVOA		8270	A00001		Clear	6	1060	
A8B21493	A8B2149301		MSB	AW80015620	TCL SVOA		8270	A00001	A00193	clear	5	1000	
A8B21493	A8B2149302		MSBD	AW80015621	TCL SVOA		8270	A00001	A00193				

1892/3648

estAmerica Lab
ate: 08/29/2008
ime: 12:34:45

Organic Prep Log Book
(3510C) 8270 RUSH WATER
A8B21493

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____
1000.00 ul

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____
1000.00 ul

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: ~~SEPF~~ or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B21493	A8B2149303		SBLK	AW80015622	TCL SVOA		8270	A00001		clear	5	1000	1.0
A08-A459	A8A45901	A	FS	AW80015625	TCL SVOA		8270	A00001		Tan	6	1060	
A8B21493	A8B2149301		MSB	AW80015620	TCL BN		8270	A00001	A00055	clear	5	1000	
A8B21493	A8B2149302		MSBD	AW80015621	TCL BN		8270	A00001	A00055	↓	↓	↓	
A8B21493	A8B2149303		SBLK	AW80015622	TCL BN		8270	A00001					
A08-A448	A8A44801	A	FS	AW80015626	TCL BN		8270	A00001		Grey	7	830	
A08-A448	A8A44802	↓	FS	AW80015627	TCL BN		8270	A00001		Orange	6	1000	
A08-A448	A8A44803		FS	AW80015628	TCL BN		8270	A00001		↓	↓	900	
A08-A448	A8A44804		FS	AW80015629	TCL BN		8270	A00001		Brown		910	
A08-A448	A8A44805		FS	AW80015630	TCL BN		8270	A00001		↓		920	
A08-A448	A8A44806		FS	AW80015631	TCL BN		8270	A00001				930	
A08-A448	A8A44807		FS	AW80015632	TCL BN		8270	A00001				870	
A08-A448	A8A44808		FS	AW80015633	TCL BN		8270	A00001				880	
A08-A448	A8A44809		FS	AW80015634	TCL BN		8270	A00001				930	
A08-A448	A8A44810	↓	FS	AW80015635	TCL BN		8270	A00001		↓	↓	1000	↓

1893/3648

Acceptance Limits: 30-40 °C Turbovap Temp: 32.4, 31.6, 32.2, 32.8 Entered Initials: JMS

Gas Flow Check: JMS Closed Initials:

Comments: Samples had sediment remaining in the bottle after they were poured in the sepf. funnel. EKD 8/29/08

estAmerica Lab
ate: 09/09/2008
ime: 17:35:56

Organic Prep Log Book
(3510C) 8270 WATER
A8B21575 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/02/2008 BM

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/02/2008 JM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
08-A523	A8A52301	A	FS	AW80015754	TCL BN		8270	A00001			6.00	1060.0000	1.00
08-A523	A8A52302	A	FS	AW80015755	TCL BN		8270	A00001			6.00	1060.0000	1.00
08-A523	A8A52303	A	FS	AW80015756	TCL BN		8270	A00001			6.00	1055.0000	1.00
08-A523	A8A52304	A	FS	AW80015757	TCL BN		8270	A00001			6.00	1050.0000	1.00
08-A523	A8A52305	A	FS	AW80015758	TCL BN		8270	A00001			6.00	1060.0000	1.00
08-A523	A8A52306	A	FS	AW80015759	TCL BN		8270	A00001			6.00	1060.0000	1.00
08-A523	A8A52307	A	FS	AW80015760	TCL BN		8270	A00001			6.00	1060.0000	1.00
8B21575	A8B2157501		MSB	AW80015761	TCL BN		8270	A00001	A00193		5.00	1000.0000	1.00
8B21575	A8B2157502		MSBD	AW80015762	TCL BN		8270	A00001	A00193		5.00	1000.0000	1.00
8B21575	A8B2157503		SBLK	AW80015763	TCL BN		8270	A00001			5.00	1000.0000	1.00
8B21575	A8B2157501		MSB	AW80015761	TCL BNA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21575	A8B2157502		MSBD	AW80015762	TCL BNA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21575	A8B2157503		SBLK	AW80015763	TCL BNA		8270	A00001			5.00	1000.0000	1.00
08-A465	A8A46504	A	FS	AW80015764	TCL BNA		8270	A00001			6.00	1050.0000	1.00
08-A465	A8A46505	A	FS	AW80015765	TCL BNA		8270	A00001			6.00	1050.0000	1.00
08-A465	A8A46506	A	FS	AW80015766	TCL BNA		8270	A00001			6.00	1020.0000	1.00

estAmerica Lab
ate: 09/09/2008
ime: 17:35:56

Organic Prep Log Book
(3510C) 8270 WATER
A8B21575 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/02/2008 BM

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/02/2008 JM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
\08-A465	A8A46507	A	FS	AW80015767	TCL BNA		8270	A00001			6.00	1005.0000	1.00
\08-A465	A8A46508	A	FS	AW80015768	TCL BNA		8270	A00001			6.00	1060.0000	1.00
\08-A465	A8A46509	A	FS	AW80015769	TCL BNA		8270	A00001			6.00	1055.0000	1.00
\08-A465	A8A46510	A	FS	AW80015770	TCL BNA		8270	A00001			6.00	1060.0000	1.00
\08-A465	A8A46511	A	FS	AW80015771	TCL BNA		8270	A00001			6.00	1050.0000	1.00
\08-A465	A8A46512	A	FS	AW80015772	TCL BNA		8270	A00001			6.00	985.0000	1.00
\08-A465	A8A46513	A	FS	AW80015773	TCL BNA		8270	A00001			6.00	1060.0000	1.00
\08-A465	A8A46514	A	FS	AW80015774	TCL BNA		8270	A00001			6.00	1055.0000	1.00
\08-A465	A8A46515	A	FS	AW80015775	TCL BNA		8270	A00001			6.00	810.0000	1.00
\8B21575	A8B2157501		MSB	AW80015761	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
\8B21575	A8B2157502		MSBD	AW80015762	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
\8B21575	A8B2157503		SBLK	AW80015763	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
\08-A475	A8A47509	A	FS	AW80015776	TCL SVOA		8270	A00001			6.00	780.0000	1.00

Comments:

1896/3648

TestAmerica Lab
Date: 09/02/2008
Time: 07:41:37

Organic Prep Log Book
(3510C) 8270 WATER
A8B21575

Rept: AN0501

SURROGATE A01
Expiration Date: 2-25-09
Prepared by: CO-3266
Spiked by: [illegible]
Witnessed by: _____
1000.00 ul

MATRIX SPIKE A193/Benzidine
Expiration Date: 2-19-09 / 2-13-09
Prepared by: B.M / EKD
Spiked by: GS / GS 1000.00 ul
Witnessed by: _____

MeCl2: G27304
Acetone: _____
Hexane: _____
Na2SO4: 27866003
1:1 H2SO4: 8128
10 N NaOH: 7355

Date Ext/Initials: 9-2-08 [illegible]
Date Cleanup/Initials: _____ _____
Date Conc/Initials: 9-2-08 [illegible]

Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A523	A8A52301	A	FS	AW80015754	TCL BN		8270	A00001		Clear	6	1060	1.0
A08-A523	A8A52302		FS	AW80015755	TCL BN		8270	A00001				1055	
A08-A523	A8A52303		FS	AW80015756	TCL BN		8270	A00001		L.yellow		1050	
A08-A523	A8A52304		FS	AW80015757	TCL BN		8270	A00001		Clear		1060	
A08-A523	A8A52305		FS	AW80015758	TCL BN		8270	A00001					
A08-A523	A8A52306		FS	AW80015759	TCL BN		8270	A00001					
A08-A523	A8A52307		FS	AW80015760	TCL BN		8270	A00001					
A8B21575	A8B2157501		MSB	AW80015761	TCL BN		8270	A00001	A00193	Clear	5	1000	
A8B21575	A8B2157502		MSBD	AW80015762	TCL BN		8270	A00001	A00193				
A8B21575	A8B2157503		SBLK	AW80015763	TCL BN		8270	A00001					
A8B21575	A8B2157501		MSB	AW80015761	TCL BNA		8270	A00001	A00055				
A8B21575	A8B2157502		MSBD	AW80015762	TCL BNA		8270	A00001	A00055				
A8B21575	A8B2157503		SBLK	AW80015763	TCL BNA		8270	A00001					
A08-A465	A8A46504		FS	AW80015764	TCL BNA		8270	A00001		Orange	6	1050	
A08-A465	A8A46505		FS	AW80015765	TCL BNA		8270	A00001					
A08-A465	A8A46506		FS	AW80015766	TCL BNA		8270	A00001				1020	

1897/3648

TestAmerica Lab
Date: 09/02/2008
Time: 07:41:37

Organic Prep Log Book
(3510C) 8270 WATER
A8B21575

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2SO4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Cleanup/Initials: _____ _____

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A465	A8A46507	A	FS	AW80015767	TCL BNA		8270	A00001		tan	6	1005	
A08-A465	A8A46508		FS	AW80015768	TCL BNA		8270	A00001		↓		1060	
A08-A465	A8A46509		FS	AW80015769	TCL BNA		8270	A00001				1055	
A08-A465	A8A46510		FS	AW80015770	TCL BNA		8270	A00001		L.yellow		1060	
A08-A465	A8A46511		FS	AW80015771	TCL BNA		8270	A00001		tan		1050	
A08-A465	A8A46512		FS	AW80015772	TCL BNA		8270	A00001		gray		985	
A08-A465	A8A46513		FS	AW80015773	TCL BNA		8270	A00001		L.yellow		1060	
A08-A465	A8A46514		FS	AW80015774	TCL BNA		8270	A00001		clear		1055	
A08-A465	A8A46515	↓	FS 5X	AW80015775	TCL BNA		8270	A00001		tan	↓	810	
A8B21575	A8B2157501		MSB	AW80015761	TCL SVOA		8270	A00001	A00055	clear	5	1000	
A8B21575	A8B2157502		MSBD	AW80015762	TCL SVOA		8270	A00001	A00055	↓	↓	↓	
A8B21575	A8B2157503		SBLK	AW80015763	TCL SVOA		8270	A00001		↓	↓	↓	
A08-A475	A8A47509	A	FS	AW80015776	TCL SVOA		8270	A00001		clear	6	780	

Acceptance Limits: 30-40 °C Turbovap Temp: 32.4 31.6 32.2 32.8 31.6

Gas Flow Check: OK

Entered Initials: _____

Closed Initials: _____

Comments: _____

1898/3648

estAmerica Lab
ate: 09/12/2008
ime: 17:26:16

Organic Prep Log Book
(3510C) 8270 H2O
A8B21637 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/03/2008 BM

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/03/2008 JB

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A591	A8A59101	A	FS	AW80015862	APIISVOA		8270	A00001			6.00	1060.0000	1.00
A08-A591	A8A59102	A	FS	AW80015863	APIISVOA		8270	A00001			6.00	1060.0000	1.00
A8B21637	A8B2163701		MSB	AW80015864	APIISVOA		8270	A00001	A00055		5.00	1000.0000	1.00
A8B21637	A8B2163702		SBLK	AW80015865	APIISVOA		8270	A00001			5.00	1000.0000	1.00
A8B21637	A8B2163701		MSB	AW80015864	TCL BNA		8270	A00001	A00055		5.00	1000.0000	1.00
A8B21637	A8B2163702		SBLK	AW80015865	TCL BNA		8270	A00001			5.00	1000.0000	1.00
A08-A595	A8A59501	A	FS	AW80015866	TCL BNA		8270	A00001			6.00	1050.0000	1.00
A08-A595	A8A59502	A	FS	AW80015867	TCL BNA		8270	A00001			6.00	1060.0000	1.00
A08-A595	A8A59502MS	A	MS	AW80015868	TCL BNA		8270	A00001	A00055		6.00	1055.0000	1.00
A08-A595	A8A59502SD	A	SD	AW80015869	TCL BNA		8270	A00001	A00055		6.00	1060.0000	1.00
A08-A595	A8A59503	A	FS	AW80015870	TCL BNA		8270	A00001			6.00	1040.0000	1.00
A08-A595	A8A59504	A	FS	AW80015871	TCL BNA		8270	A00001			6.00	1010.0000	1.00
A08-A595	A8A59505	A	FS	AW80015872	TCL BNA		8270	A00001			6.00	1060.0000	1.00
A08-A595	A8A59506	A	FS	AW80015873	TCL BNA		8270	A00001			6.00	1060.0000	1.00
A08-A595	A8A59507	A	FS	AW80015874	TCL BNA		8270	A00001			6.00	1060.0000	1.00
A08-A595	A8A59508	A	FS	AW80015875	TCL BNA		8270	A00001			6.00	1020.0000	1.00

1899/3648

estAmerica Lab
ate: 09/12/2008
me: 17:26:16

Organic Prep Log Book
(3510C) 8270 H2O
A8B21637 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/03/2008 BM

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/03/2008 JB

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
08-A595	A8A59509	A	FS	AW80015876	TCL BNA		8270	A00001			6.00	1055.0000	1.00
8B21637	A8B2163701		MSB	AW80015864	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21637	A8B2163702		SBLK	AW80015865	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
08-A629	A8A62901	A	FS	AW80015877	TCL SVOA		8270	A00001			6.00	1060.0000	1.00
08-A629	A8A62902	A	EB	AW80015878	TCL SVOA		8270	A00001			5.00	1050.0000	1.00
8B21637	A8B2163701		MSB	AW80015864	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21637	A8B2163702		SBLK	AW80015865	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
08-A608	A8A60815	A	FS	AW80015879	TCL SVOA		8270	A00001			5.00	975.0000	1.00
08-A608	A8A60816	A	FS	AW80015880	TCL SVOA		8270	A00001			5.00	1050.0000	1.00

Comments:

1900/3648

estAmerica Lab
ate: 09/02/2008
ime: 21:45:28

Organic Prep Log Book
(3510C) 8270 H2O
A8B21637

Rept: AN0501

SURROGATE A01
Expiration Date: 2/25/09
Prepared by: CD-3266
Spiked by: CW
Witnessed by: _____
1000.00 ul

MATRIX SPIKE A55
Expiration Date: 9/10/08
Prepared by: CM
Spiked by: CW
Witnessed by: _____
1000.00 ul

MeCl2: G27J04
Acetone: ——
Hexane: ——
Na2So4: 278168003
1:1 H2SO4: 8128
10 N NaOH: 7355

Date Ext/Initials: 9/3/08 BM
Date Cleanup/Initials: _____ _____
Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 9/3/08 JB

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A591	A8A59101	1	FS	AW80015862	APIISVOA		8270	A00001		Clear	6	1060	1.0
A08-A591	A8A59102		FS	AW80015863	APIISVOA		8270	A00001					
A8B21637	A8B2163701		MSB	AW80015864	APIISVOA		8270	A00001	A00055	Clear	5	1000	
A8B21637	A8B2163702		SBLK	AW80015865	APIISVOA		8270	A00001					
A8B21637	A8B2163701		MSB	AW80015864	TCL BNA		8270	A00001	A00055				
A8B21637	A8B2163702		SBLK	AW80015865	TCL BNA		8270	A00001					
A08-A595	A8A59501	1	FS	AW80015866	TCL BNA		8270	A00001		Tan	6	1050	
A08-A595	A8A59502		FS	AW80015867	TCL BNA		8270	A00001		Neon Green		1060	
A08-A595	A8A59502MS		MS	AW80015868	TCL BNA		8270	A00001	A00055			1055	
A08-A595	A8A59502SD		SD	AW80015869	TCL BNA		8270	A00001	A00055			1060	
A08-A595	A8A59503		FS	AW80015870	TCL BNA		8270	A00001		Tan		1040	
A08-A595	A8A59504		FS 1:10	AW80015871	TCL BNA		8270	A00001		Black	5	1010	
A08-A595	A8A59505		FS	AW80015872	TCL BNA		8270	A00001		Neon Green	6	1060	
A08-A595	A8A59506		FS	AW80015873	TCL BNA		8270	A00001				1060	
A08-A595	A8A59507		FS	AW80015874	TCL BNA		8270	A00001		Tan		1060	
A08-A595	A8A59508		FS	AW80015875	TCL BNA		8270	A00001		Clear	6	1020	

1901/3648

estAmerica Lab
ate: 09/02/2008
ime: 21:45:28

Organic Prep Log Book
(3510C) 8270 H2O
A8B21637

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A595	A8A59509	A	FS	AW80015876	TCL BNA		8270	A00001		Tan	6	1055	1.0
A8B21637	A8B2163701		MSB	AW80015864	TCL SVOA		8270	A00001	A00055	Clear	5	1000	
A8B21637	A8B2163702		SBLK	AW80015865	TCL SVOA		8270	A00001		↓	↓	↓	
A08-A629	A8A62901	A	FS	AW80015877	TCL SVOA		8270	A00001		Clear	6	1060	
A08-A629	A8A62902	↓	EB	AW80015878	TCL SVOA		8270	A00001		↓	↓	1050	
A8B21637	A8B2163701		MSB	AW80015864	TCL SVOA		8270	A00001	A00055	Clear	5	1000	
A8B21637	A8B2163702		SBLK	AW80015865	TCL SVOA		8270	A00001		↓	↓	↓	
A08-A608	A8A60815	A	FS	AW80015879	TCL SVOA		8270	A00001		Clear	5	975	
A08-A608	A8A60816	↓	FS	AW80015880	TCL SVOA		8270	A00001		↓	↓	1050	↓

Acceptance Limits: 30-40 °C Turbovap Temp: 31.0 32.4 31.6 32.8

Entered Initials: _____

Gas Flow Check: CW

Closed Initials: _____

Comments: _____

1902/3648

estAmerica Lab
ate: 09/12/2008
me: 17:26:37

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21718 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 09/04/2008 CW

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 09/04/2008 CM

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
\08-A656	A8A65601	A	FS	AS80011326	TCL SVOS		8270	A00001		30.1600		1.00	1.31	5.26	4.88	N
\8B21718	A8B2171801		MSB	AS80011327	TCL SVOS		8270	A00001	A00055	30.2700		1.00	0.00	0.00	0.00	N
\8B21718	A8B2171802		SBLK	AS80011328	TCL SVOS		8270	A00001		30.3200		1.00	0.00	0.00	0.00	N
\8B21718	A8B2171801		MSB	AS80011327	TCL BN		8270	A00001	A00055	30.2700		1.00	0.00	0.00	0.00	N
\8B21718	A8B2171802		SBLK	AS80011328	TCL BN		8270	A00001		30.3200		1.00	0.00	0.00	0.00	N
\08-A613	A8A61301	A	FS	AS80011329	TCL BN		8270	A00001		30.3900		1.00	1.30	6.61	6.12	N
\08-A613	A8A61302	A	FS	AS80011330	TCL BN		8270	A00001		30.3100		1.00	1.32	6.31	5.85	N
\08-A613	A8A61305	A	FS	AS80011331	TCL BN		8270	A00001		30.5500		1.00	1.31	5.07	4.38	N
\08-A613	A8A61310	A	FS	AS80011332	TCL BN		8270	A00001		30.6400		1.00	1.32	5.58	5.12	N
\08-A613	A8A61311	A	FS	AS80011333	TCL BN		8270	A00001		30.8400		1.00	1.31	5.70	5.18	N
\08-A613	A8A61312	A	FS	AS80011334	TCL BN		8270	A00001		30.1600		1.00	1.30	6.57	6.05	N
\08-A613	A8A61313	A	FS	AS80011335	TCL BN		8270	A00001		30.6700		1.00	1.31	5.69	5.21	N
\08-A613	A8A61313MS	A	MS	AS80011336	TCL BN		8270	A00001	A00055	30.1600		1.00	1.31	5.69	5.21	N
\08-A613	A8A61313SD	A	SD	AS80011337	TCL BN		8270	A00001	A00055	30.4600		1.00	1.31	5.69	5.21	N
\08-A613	A8A61316	A	FS	AS80011338	TCL BN		8270	A00001		30.4000		1.00	1.31	5.59	4.94	N
\08-A613	A8A61317	A	FS	AS80011339	TCL BN		8270	A00001		30.2900		1.00	1.33	5.45	4.87	N

1903/3648

D* = Decanted(Y/N)

estAmerica Lab
ate: 09/12/2008
me: 17:26:37

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21718 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 09/04/2008 CW

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 09/04/2008 CM

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
\8B21718	A8B2171801		MSB	AS80011327	TCL SVOS		8270	A00001	A00055	30.2700		1.00	0.00	0.00	0.00	N
\8B21718	A8B2171802		SBLK	AS80011328	TCL SVOS		8270	A00001		30.3200		1.00	0.00	0.00	0.00	N
\08-A613	A8A61306	A	FS	AS80011340	TCL SVOS		8270	A00001		30.8400		1.00	1.32	6.14	5.66	N
\08-A613	A8A61308	A	FS	AS80011341	TCL SVOS		8270	A00001		30.2700		1.00	1.31	5.75	5.33	N
\08-A613	A8A61315	A	FS	AS80011342	TCL SVOS		8270	A00001		30.1400		1.00	1.31	6.13	5.68	N
\8B21718	A8B2171801		MSB	AS80011327	TCL SVOS		8270	A00001	A00055	30.2700		1.00	0.00	0.00	0.00	N
\8B21718	A8B2171802		SBLK	AS80011328	TCL SVOS		8270	A00001		30.3200		1.00	0.00	0.00	0.00	N
\08-A629	A8A62903	A	FS	AS80011343	TCL SVOS		8270	A00001		30.1000		1.00	1.31	5.92	5.38	N
\08-A629	A8A62904	A	FS	AS80011344	TCL SVOS		8270	A00001		30.4100		1.00	1.32	6.82	5.86	N
\08-A629	A8A62905	A	FS	AS80011345	TCL SVOS		8270	A00001		30.4800		1.00	1.34	7.61	6.55	N
\08-A713	A8A71301	A	FS	AS80011346	TCL SVOS		8270	A00001		30.5200		1.00	1.30	6.42	5.12	N

Comments:

D* = Decanted(Y/N)

1904/3648

JOBNO	LABSAMPID	SAMPTY	VIALNO	PRODUCT	SAMPWTV	DISHWGT	COMBWE	COMBDRYWGT
A08-A656	A8A65601	FS	AS80011326	CTA29773	30.16			
A8B21718	A8B2171801	MSB	AS80011327	CTA29773	30.27			
A8B21718	A8B2171801	MSB	AS80011327	CTA31195	30.27			
A8B21718	A8B2171801	MSB	AS80011327	CTA31196	30.27			
A8B21718	A8B2171801	MSB	AS80011327	CTA34229	30.27			
A8B21718	A8B2171802	SBLK	AS80011328	CTA29773	30.32			
A8B21718	A8B2171802	SBLK	AS80011328	CTA31195	30.32			
A8B21718	A8B2171802	SBLK	AS80011328	CTA31196	30.32			
A8B21718	A8B2171802	SBLK	AS80011328	CTA34229	30.32			
A08-A613	A8A61301	FS	AS80011329	CTA31195	30.39	1.3	6.61	6.12
A08-A613	A8A61302	FS	AS80011330	CTA31195	30.31	1.32	6.31	5.85
A08-A613	A8A61305	FS	AS80011331	CTA31195	30.55			
A08-A613	A8A61310	FS	AS80011332	CTA31195	30.64	1.32	5.58	5.12
A08-A613	A8A61311	FS	AS80011333	CTA31195	30.84	1.31	5.7	5.18
A08-A613	A8A61312	FS	AS80011334	CTA31195	30.16	1.3	6.57	6.05
A08-A613	A8A61313	FS	AS80011335	CTA31195	30.67	1.31	5.69	5.21
A08-A613	A8A61313MS	MS	AS80011336	CTA31195	30.16			
A08-A613	A8A61313SD	SD	AS80011337	CTA31195	30.46			
A08-A613	A8A61316	FS	AS80011338	CTA31195	30.4	1.31	5.59	4.94
A08-A613	A8A61317	FS	AS80011339	CTA31195	30.29			
A08-A613	A8A61306	FS	AS80011340	CTA31196	30.84			
A08-A613	A8A61308	FS	AS80011341	CTA31196	30.27	1.31	5.75	5.33
A08-A613	A8A61315	FS	AS80011342	CTA31196	30.14	1.31	6.13	5.68
A08-A629	A8A62903	FS	AS80011343	CTA34229	30.1	1.31	5.92	5.38
A08-A629	A8A62904	FS	AS80011344	CTA34229	30.41	1.32	6.82	5.86
A08-A629	A8A62905	FS	AS80011345	CTA34229	30.48	1.34	7.61	6.55
A08-A713	A8A71301	FS	AS80011346	CTA34229	30.52	1.3	6.42	5.12

TestAmerica Lab
Date: 09/03/2008
Time: 22:47:03

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21718

Rept: AN0501

SURROGATE A01
Expiration Date: 2/25/09
Prepared by: CD-3266
Spiked by: CS
Witnessed by: _____
1000.00 ul

MATRIX SPIKE A55
Expiration Date: 9/10/08
Prepared by: CM
Spiked by: CW
Witnessed by: _____
1000.00 ul

MeCl2: G27304
Acetone: _____
Hexane: _____
Na2SO4: 2786003
Conc.H2SO4: _____

Date Ext/Initials: 09-04-08 CW/KS

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 09-04-08 CM

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-A656	A8A65601	A	FS	AS80011326	TCL SVOS	20%	8270	A00001				1.0				N
A8B21718	A8B2171801		MSB	AS80011327	TCL SVOS		8270	A00001	A00055							
A8B21718	A8B2171802		SBLK	AS80011328	TCL SVOS		8270	A00001								
A8B21718	A8B2171801		MSB	AS80011327	TCL BN		8270	A00001	A00055							
A8B21718	A8B2171802		SBLK	AS80011328	TCL BN		8270	A00001								
A08-A613	A8A61301	A	FS	AS80011329	TCL BN	20%	8270	A00001								N
A08-A613	A8A61302		FS	AS80011330	TCL BN	5%	8270	A00001								
A08-A613	A8A61305		FS	AS80011331	TCL BN	20%	8270	A00001								
A08-A613	A8A61310		FS	AS80011332	TCL BN		8270	A00001								
A08-A613	A8A61311		FS	AS80011333	TCL BN		8270	A00001								
A08-A613	A8A61312		FS	AS80011334	TCL BN		8270	A00001								
A08-A613	A8A61313		FS	AS80011335	TCL BN		8270	A00001								
A08-A613	A8A61313MS		MS	AS80011336	TCL BN		8270	A00001	A00055							
A08-A613	A8A61313SD		SD	AS80011337	TCL BN		8270	A00001	A00055							
A08-A613	A8A61316		FS	AS80011338	TCL BN		8270	A00001								
A08-A613	A8A61317		FS	AS80011339	TCL BN		8270	A00001								Y

1906/3648

D* = Decanted (Y/N)

TestAmerica Lab
Date: 09/03/2008
Time: 22:47:03

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21718

Rept: AN050

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
Conc.H2SO4: _____

Date Ext/Initials: _____ _____

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: _____ _____

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A8B21718	A8B2171801		MSB	AS80011327	TCL SVOS		8270	A00001	A00055			1.0				
A8B21718	A8B2171802		SBLK	AS80011328	TCL SVOS		8270	A00001								
A08-A613	A8A61306	A	FS	AS80011340	TCL SVOS	20X	8270	A00001								N
A08-A613	A8A61308	"	FS	AS80011341	TCL SVOS	"	8270	A00001								"
A08-A613	A8A61315	"	FS	AS80011342	TCL SVOS	"	8270	A00001								"
A8B21718	A8B2171801		MSB	AS80011327	TCL SVOS		8270	A00001	A00055							
A8B21718	A8B2171802		SBLK	AS80011328	TCL SVOS		8270	A00001								
A08-A629	A8A62903	A	FS	AS80011343	TCL SVOS	10X	8270	A00001								N
A08-A629	A8A62904	"	FS	AS80011344	TCL SVOS		8270	A00001								"
A08-A629	A8A62905	"	FS	AS80011345	TCL SVOS		8270	A00001								"
A08-A713	A8A71301	"	FS	AS80011346	TCL SVOS	5X	8270	A00001								"

Acceptance Limits: 30-40 °C Turbovap Temp: 30.6 32.2 30.8 30.0

Entered Initials: _____

Gas Flow Check: CW

Closed Initials: _____

Comments: _____

1907/3648

D* = Decanted(Y/N)

estAmerica Lab
ate: 09/22/2008
ime: 08:36:59

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21720 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 09/04/2008 JS

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 09/04/2008 CM

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-A656	A8A65602	A	FS	AS80011347	TCL SVOS		8270	A00001		30.4500		1.00	1.33	5.33	4.94	N
A08-A656	A8A65603	A	FS	AS80011348	TCL SVOS		8270	A00001		30.6400		1.00	1.28	5.74	5.29	N
A08-A656	A8A65604	A	FS	AS80011349	TCL SVOS		8270	A00001		30.2700		1.00	1.31	5.31	4.84	N
A08-A656	A8A65605	A	FS	AS80011350	TCL SVOS		8270	A00001		30.1900		1.00	1.32	5.38	5.19	N
A08-A716	A8A71601	A	FS	AS80011351	TCL SVOS		8270	A00001		30.3500		1.00	1.32	5.98	5.29	N
A08-A716	A8A71601MS	A	MS	AS80011352	TCL SVOS		8270	A00001	A00055	30.4600		1.00	1.32	5.98	5.29	N
A08-A716	A8A71601SD	A	SD	AS80011353	TCL SVOS		8270	A00001	A00055	30.5900		1.00	1.32	5.98	5.29	N
A08-A716	A8A71602	A	FS	AS80011354	TCL SVOS		8270	A00001		30.2400		1.00	1.31	6.53	6.31	N
A08-A716	A8A71603	A	FS	AS80011355	TCL SVOS		8270	A00001		30.1500		1.00	1.30	7.05	6.17	N
A08-A716	A8A71604	A	FS	AS80011356	TCL SVOS		8270	A00001		30.5400		1.00	1.33	7.62	6.60	N
A8B21720	A8B2172001		MSB	AS80011357	TCL SVOS		8270	A00001	A00055	30.2600		1.00	0.00	0.00	0.00	N
A8B21720	A8B2172002		MBLK	AS80011364	TCL SVOS		8270	A00001		30.4400		1.00	0.00	0.00	0.00	N
A8B21720	A8B2172001		MSB	AS80011357	TCL SVOS		8270	A00001	A00055	30.2600		1.00	0.00	0.00	0.00	N
A08-A718	A8A71801	A	FS	AS80011358	TCL SVOS		8270	A00001		30.3100		1.00	1.31	7.62	6.83	N
A08-A718	A8A71801MS	A	MS	AS80011359	TCL SVOS		8270	A00001	A00055	30.4600		1.00	1.31	7.62	6.83	N
A08-A718	A8A71801SD	A	SD	AS80011360	TCL SVOS		8270	A00001	A00055	30.7100		1.00	1.31	7.62	6.83	N

1908/3648

D* = Decanted(Y/N)

estAmerica Lab
ate: 09/22/2008
ime: 08:36:59

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21720 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/04/2008 JS

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 09/04/2008 CM

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A8B21720	A8B2172002		MBLK	AS80011364	TCL SVOS		8270	A00001		30.4400		1.00	0.00	0.00	0.00	N
A8B21720	A8B2172001		MSB	AS80011357	STARS BN		8270	A00001	A00055	30.2600		1.00	0.00	0.00	0.00	N
A08-A703	A8A70301	A	FS	AS80011361	STARS BN		8270	A00001		30.5100		1.00	1.30	6.22	5.83	N
A08-A703	A8A70302	A	FS	AS80011362	STARS BN		8270	A00001		30.2200		1.00	1.28	7.26	6.83	N
A8B21720	A8B2172002		MBLK	AS80011364	STARS BN		8270	A00001		30.4400		1.00	0.00	0.00	0.00	N

Comments:

1909/3648

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYP	VIALNO	PRODUCT	SAMPWT\	DISHWGT	COMBWE	COMBDRYWGT
A08-A656	A8A65602	FS	AS80011347	CTA29773	30.45			
A08-A656	A8A65603	FS	AS80011348	CTA29773	30.64			
A08-A656	A8A65604	FS	AS80011349	CTA29773	30.27			
A08-A656	A8A65605	FS	AS80011350	CTA29773	30.19			
A08-A716	A8A71601	FS	AS80011351	CTA29773	30.35	1.32	5.98	5.29
A08-A716	A8A71601MS	MS	AS80011352	CTA29773	30.46			
A08-A716	A8A71601SD	SD	AS80011353	CTA29773	30.59			
A08-A716	A8A71602	FS	AS80011354	CTA29773	30.24	1.31	6.53	6.31
A08-A716	A8A71603	FS	AS80011355	CTA29773	30.15	1.3	7.05	6.17
A08-A716	A8A71604	FS	AS80011356	CTA29773	30.54	1.33	7.62	6.6
A8B21720	A8B2172001	MSB	AS80011357	CTA29773	30.26			
A8B21720	A8B2172001	MSB	AS80011357	CTA34229	30.26			
A8B21720	A8B2172001	MSB	AS80011357	CTA40285	30.26			
A8B21720	A8B2172001	MSB	AS80011357	ST000639	30.26			
A08-A718	A8A71801	FS	AS80011358	CTA34229	30.31	1.31	7.62	6.83
A08-A718	A8A71801MS	MS	AS80011359	CTA34229	30.46			
A08-A718	A8A71801SD	SD	AS80011360	CTA34229	30.71			
A08-A703	A8A70301	FS	AS80011361	CTA40285	30.51	1.3	6.22	5.83
A08-A703	A8A70302	FS	AS80011362	CTA40285	30.22	1.28	7.26	6.83
A8B21720	A8B2172002	MBLK	AS80011364	CTA29773	30.44			
A8B21720	A8B2172002	MBLK	AS80011364	CTA34229	30.44			
A8B21720	A8B2172002	MBLK	AS80011364	CTA40285	30.44			
A8B21720	A8B2172002	MBLK	AS80011364	ST000639	30.44			

TestAmerica Lab
Date: 09/04/2008
Time: 10:54:40

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21720

Rept: AN0501

SURROGATE A01
Expiration Date: 02-25-09
Prepared by: CD-3266
Spiked by: CS
Witnessed by: _____
1000.00 ul

MATRIX SPIKE A55
Expiration Date: 09-10-08
Prepared by: CM
Spiked by: CS
Witnessed by: _____
1000.00 ul

MeCl2: G33J07
Acetone: _____
Hexane: _____
Na2SO4: 27868 003
Conc.H2SO4: _____

Date Ext/Initials: 09-04-08 CS/CM

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 09-04-08 CM

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-A656	A8A65602	A	FS	AS80011347	TCL SVOS	20X	8270	A00001				1.0				N
A08-A656	A8A65603		FS	AS80011348	TCL SVOS		8270	A00001								
A08-A656	A8A65604		FS	AS80011349	TCL SVOS		8270	A00001								
A08-A656	A8A65605		FS	AS80011350	TCL SVOS		8270	A00001								
A08-A716	A8A71601		FS	AS80011351	TCL SVOS		8270	A00001								
A08-A716	A8A71601MS		MS	AS80011352	TCL SVOS		8270	A00001	A00055							
A08-A716	A8A71601SD		SD	AS80011353	TCL SVOS		8270	A00001	A00055							
A08-A716	A8A71602		FS	AS80011354	TCL SVOS		8270	A00001								
A08-A716	A8A71603		FS	AS80011355	TCL SVOS		8270	A00001								
A08-A716	A8A71604		FS	AS80011356	TCL SVOS		8270	A00001								
A8B21720	A8B2172001		MSB	AS80011357	TCL SVOS		8270	A00001	A00055							
A8B21720	A8B2172002		MBLK	AS80011364	TCL SVOS		8270	A00001								
A8B21720	A8B2172001		MSB	AS80011357	TCL SVOS		8270	A00001	A00055							
A08-A718	A8A71801	A	FS	AS80011358	TCL SVOS		8270	A00001								N
A08-A718	A8A71801MS		MS	AS80011359	TCL SVOS		8270	A00001	A00055							
A08-A718	A8A71801SD		SD	AS80011360	TCL SVOS		8270	A00001	A00055							

D* = Decanted (Y/N)

TestAmerica Lab
Date: 09/04/2008
Time: 10:54:40

Organic Prep Log Book
(3550B) 8270 SOILS
A8B21720

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
Conc.H2SO4: _____

Date Ext/Initials: _____ _____

Preconc Date/Initials: _____ _____

Cleanup Date/Initials: _____ _____

SOLID EXTRACTIONS

Final Conc Date/Initials: _____ _____

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A8B21720	A8B2172002		MBLK	AS80011364	TCL SVOS		8270	A00001				1.0				
A8B21720	A8B2172001		MSB	AS80011357	STARS BN		8270	A00001	A00055			↓				
A08-A703	A8A70301	A	FS	AS80011361	STARS BN	20X	8270	A00001								N
A08-A703	A8A70302	↓	FS	AS80011362	STARS BN	1	8270	A00001								↓
A8B21720	A8B2172002		MBLK	AS80011364	STARS BN		8270	A00001				↓				

Acceptance Limits: 30-40 °C Turbovap Temp: 30.6°, 32.2°, 30.8°, 30.0°

Entered Initials: _____

Gas Flow Check: _____

Closed Initials: _____

Comments: _____

1912/3648

D* = Decanted (Y/N)

estAmerica Lab
ate: 09/18/2008
ime: 16:53:48

Organic Prep Log Book
(3510C) 8270 H2O
A8B21721 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/04/2008 CC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/04/2008 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
08-A643	A8A64301	A	FS	AW80015931	EXPSVOA		8270	A00001			6.00	1000.0000	1.00
08-A643	A8A64302	A	FS	AW80015932	EXPSVOA		8270	A00001			7.00	1000.0000	1.00
08-A643	A8A64302MS	A	MS	AW80015933	EXPSVOA		8270	A00001	A00193		7.00	1000.0000	1.00
08-A643	A8A64302SD	A	SD	AW80015934	EXPSVOA		8270	A00001	A00193		7.00	1000.0000	1.00
08-A643	A8A64303	A	FS	AW80015935	EXPSVOA		8270	A00001			6.00	1000.0000	1.00
8B21721	A8B2172101		MSB	AW80015936	EXPSVOA		8270	A00001	A00193		5.00	1000.0000	1.00
8B21721	A8B2172102		SBLK	AW80015937	EXPSVOA		8270	A00001			5.00	1000.0000	1.00
8B21721	A8B2172101		MSB	AW80015936	TCL BNA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21721	A8B2172102		SBLK	AW80015937	TCL BNA		8270	A00001			5.00	1000.0000	1.00
08-A630	A8A63001	B	FS	AW80015939	TCL BNA		8270	A00001			6.00	1060.0000	1.00
08-A630	A8A63002	A	FS	AW80015940	TCL BNA		8270	A00001			7.00	950.0000	1.00
08-A630	A8A63003	A	FS	AW80015941	TCL BNA		8270	A00001			7.00	1030.0000	1.00
08-A630	A8A63004	A	FS	AW80015942	TCL BNA		8270	A00001			6.00	1050.0000	1.00
08-A630	A8A63005	A	FS	AW80015943	TCL BNA		8270	A00001			6.00	900.0000	1.00
08-A630	A8A63006	A	FS	AW80015944	TCL BNA		8270	A00001			6.00	1010.0000	1.00
08-A630	A8A63006MS	A	MS	AW80015945	TCL BNA		8270	A00001	A00055		6.00	515.0000	1.00

1913/3648

estAmerica Lab
ate: 09/18/2008
ime: 16:53:48

Organic Prep Log Book
(3510C) 8270 H2O
A8B21721 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/04/2008 CC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/04/2008 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
08-A630	A8A63006SD	A	SD	AW80015946	TCL BNA		8270	A00001	A00055		6.00	515.0000	1.00
08-A630	A8A63007	A	FS	AW80015947	TCL BNA		8270	A00001			8.00	1010.0000	1.00
08-A630	A8A63009	A	FS	AW80015948	TCL BNA		8270	A00001			6.00	1050.0000	1.00
08-A630	A8A63010	A	FS	AW80015949	TCL BNA		8270	A00001			6.00	1050.0000	1.00
08-A630	A8A63011	A	FS	AW80015950	TCL BNA		8270	A00001			6.00	1050.0000	1.00
08-A630	A8A63012	A	FS	AW80015951	TCL BNA		8270	A00001			6.00	940.0000	1.00
08-A630	A8A63013	A	FS	AW80015952	TCL BNA		8270	A00001			6.00	970.0000	1.00
08-A630	A8A63013MS	A	MS	AW80015953	TCL BNA		8270	A00001	A00055		7.00	475.0000	1.00
08-A630	A8A63013SD	A	SD	AW80015954	TCL BNA		8270	A00001	A00055		7.00	475.0000	1.00
08-A630	A8A63014	A	FS	AW80015955	TCL BNA		8270	A00001			7.00	1030.0000	1.00
08-A630	A8A63015	A	FS	AW80015956	TCL BNA		8270	A00001			7.00	1020.0000	1.00
08-A630	A8A63016	A	FS	AW80015957	TCL BNA		8270	A00001			7.00	1010.0000	1.00
08-A630	A8A63017	A	FS	AW80015958	TCL BNA		8270	A00001			7.00	950.0000	1.00
8B21721	A8B2172101		MSB	AW80015936	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
8B21721	A8B2172102		SBLK	AW80015937	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
08-A713	A8A71302	A	FS	AW80015959	TCL SVOA		8270	A00001			7.00	1050.0000	1.00

1914/3648

Organic Prep Log Book
(3510C) 8270 H2O
A8B21721 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/04/2008 CC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/04/2008 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
08-A718	A8A71802	A	FS	AW80015960	TCL SVOA		8270	A00001	_____	_____	7.00	1045.0000	1.00

Comments:

TestAmeric. Lab
Date: 09/03/2008
Time: 22:47:03

Organic Prep Log Book
(3510C) 8270 H2O
A8B21721

Rept: AN050

SURROGATE A01
Expiration Date: 2-25-09
Prepared by: CD-3266
Spiked by: CC 1000.00 ul
Witnessed by: ____

MATRIX SPIKE A193 / benzaldehyde
Expiration Date: 2-19-09 / 3-2-09
Prepared by: BM / CM
Spiked by: CC / CC 1000.00 ul
Witnessed by: ____

MeCl2: G27.104
Acetone: ____
Hexane: ____
Na2So4: 278.8008
1:1 H2SO4: 8128
10 N NaOH: 8090

Date Ext/Initials: 9-4-08 CC

Date Cleanup/Initials: ____ ____

Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 9-4-08 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A643	A8A64301 8	A	FS	AW80015931	EXPSVOA		8270	A00001		clear	6	1000	1.0
A08-A643	A8A64302 8 10	↓	FS	AW80015932	EXPSVOA		8270	A00001		black	7	↓	
A08-A643	A8A64302MS 10		MS	AW80015933	EXPSVOA		8270	A00001	A00193	↓	7		
A08-A643	A8A64302SD 10		SD	AW80015934	EXPSVOA		8270	A00001	A00193	↓	7		
A08-A643	A8A64303 8	A	FS	AW80015935	EXPSVOA		8270	A00001		clear	6	↓	
A8B21721	A8B2172101		MSB	AW80015936	EXPSVOA		8270	A00001	A00193	↓	5		
A8B21721	A8B2172102		SBLK	AW80015937	EXPSVOA		8270	A00001		↓	↓	↓	↓
A08-A655	~~A8A65501~~	A	FS	~~AW80015938~~	~~TC BN~~		~~8270~~	~~A00001~~		↓	6	↓	
A8B21721	A8B2172101		MSB	AW80015936	TCL BNA		8270	A00001	A00055	↓	5	↓	1.0
A8B21721	A8B2172102		SBLK	AW80015937	TCL BNA		8270	A00001		↓	↓	↓	1.0
A08-A630	A8A63001	AB	FS	AW80015939	TCL BNA		8270	A00001		brown	6	1060	1.0
A08-A630	A8A63002 10	A	FS	AW80015940	TCL BNA		8270	A00001		↓	7	950	1.0
A08-A630	A8A63003 10	↓	FS	AW80015941	TCL BNA		8270	A00001		↓	7	1030	↓
A08-A630	A8A63004	↓	FS	AW80015942	TCL BNA		8270	A00001		yellow	6	1050	
A08-A630	A8A63005	↓	FS	AW80015943	TCL BNA		8270	A00001		tan	↓	900	
A08-A630	A8A63006	↓	FS	AW80015944	TCL BNA		8270	A00001		↓	6	1010	↓

1916/3648

TestAmeric. Lab
Date: 09/03/2008
Time: 22:47:03

Organic Prep Log Book
(3510C) 8270 H2O
A8B21721

Rept: AN050

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____
1000.00 ul

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____
1000.00 ul

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A630	A8A63006MS		MS	AW80015945	TCL BNA		8270	A00001	A00055	tan	6	515 ~~1030~~ >>	1.0
A08-A630	A8A63006SD		SD	AW80015946	TCL BNA		8270	A00001	A00055	↓	↓	515	
A08-A630	A8A63007	A	FS	AW80015947	TCL BNA		8270	A00001		brown	8	1010	
A08-A630	A8A63009		FS	AW80015948	TCL BNA		8270	A00001		tan	6	1050	
A08-A630	A8A63010		FS	AW80015949	TCL BNA		8270	A00001		↓	↓	↓	
A08-A630	A8A63011		FS	AW80015950	TCL BNA		8270	A00001		blue/green	↓		
A08-A630	A8A63012		FS	AW80015951	TCL BNA		8270	A00001		tan		940	
A08-A630	A8A63013		FS	AW80015952	TCL BNA		8270	A00001		↓	↓	970	
A08-A630	A8A63013MS		MS	AW80015953	TCL BNA		8270	A00001	A00055		7	475 ~~950~~ >>	
A08-A630	A8A63013SD		SD	AW80015954	TCL BNA		8270	A00001	A00055		↓	475	
A08-A630	A8A63014	A	FS	AW80015955	TCL BNA		8270	A00001				1030	
A08-A630	A8A63015		FS	AW80015956	TCL BNA		8270	A00001				1020	
A08-A630	A8A63016		FS	AW80015957	TCL BNA		8270	A00001		↓		1010	
A08-A630	A8A63017		FS	AW80015958	TCL BNA		8270	A00001		Clear		950	
A8B21721	A8B2172101		MSB	AW80015936	TCL SVOA		8270	A00001	A00055	↓	5	1000	
A8B21721	A8B2172102		SBLK	AW80015937	TCL SVOA		8270	A00001		↓	↓	↓	↓

1917/3648

TestAmeri(Lab
Date: 09/03/2008
Time: 22:47:03

Organic Prep Log Book
(3510C) 8270 H2O
A8B21721

Rept: AN05(

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-A713	A8A71302	A	FS	AW80015959	TCL SVOA		8270	A00001		Clear	7	1050	1.0
A08-A718	A8A71802	↓	FS	AW80015960	TCL SVOA		8270	A00001		↓	↓	1045	↓

Acceptance Limits: 30-40 °C Turbovap Temp: 32.0, 32.2, 31.0, 31.8

Entered Initials: _____

Gas Flow Check: CC

Closed Initials: _____

Comments: _____

1918/3648

000058

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
07-29-08	0847	AJ	V30063	DFTPP SONG	SC33-12F	—	2.0UL				
	0915		V30064	SSTD005	TCLADDS(S-27-08)	—					
	0937		V30065	SSTD020	TCLADD(S-27-08)	—					
	1001		V30066	SSTD050		—					
	1023		V30067	SSTD080		—					
	1046		V30068	SSTD120		—					
	1115		V30069	SSTD160		—					
	1439		V30070	SSTD005	8270(07-29-08)	—					
	1502		V30071	SSTD020		—					
	1524		V30072	SSTD050		—					
	1547		V30073	SSTD080		—					
	1610		V30074	SSTD120		—					
	1633		V30075	SSTD160		—					
	1737		V30076	CHECK050	2NDSOURCE(6/3/08)	—					
	1806		V30077	DFTPP SONG	SC33-12F	—					
	1823		V30078	SSTD050	8270(7-29-08)	—					
	1915		V30079	SSTD050	TCLADDS(S-27-08)	—					
	1938		V30080	A887691 0DL	AS8000871 8	8769		1.0ML	5	40	SCSHS
	2001		V30081	A8877201DL	22	8772			100		
	2024		V30082	02DL	23				100		
	2047		V30083	03L	24				10		
	2110		V30084	04	25				20		
	2133		V30085	05	26				20		
	2156		V30086	A8871901	27	8719			5		
	2219		V30087	A8861201	28	8612			10		
	2242		V30088	02	29				5		
	2305		V30089	03	30				1		
	2328		V30090	A8854901DL	AW8001292 9	8549			100		
	2351		V30091	03DL	31						

7-31-08

TEST AMERICA

REVIEWED BY_____

1919/3648

GCMS SEMIVOLATILE INJECTION LOG

I.S. I.D.	COMMENTS
$4HS	A8I0000562-1
	A8I0000555-1 (8270)
	A8D0000563-1 (TCLP

DATE _____

000074

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
8/5/08	0757	MD	V30371	DFTPP 50NG	SC33-12H		1.0ul				
	0835		V30372	SSTD050	8270 (06/24/08)						
	0858		V30373	SSTD005							
	0921		V30374	SSTD020							
	0959		V30375	SSTD080							
	1022		V30376	SSTD120							
	1045		V30377	SSTD160							
	1108		V30378	2ND SC (06/13/08)	CHECK050						
	1129		V30379	DFTPP 50NG	SC33-12H						
	1147		V30380	SSTD050	8270(06/24/08)						
	1207		V30381	"	TCL ADDS(06/27/08)						
	1230		V30382	A8854901DL	AN80012929	8549		1ml	100	40	SCS-02
	1253		V30383	A8911703	1S80009066	9117			1		
	1316		V30384	04	9067						
	1339		V30385	05	9068						
	1402		V30386	06	9069						
	1425		V30387	07	9070						
	1448		V30388	08	9071						
	1511		V30389	A8913001	9052	9130					
	1534		V30390	02	9053						
	1557		V30391	02MS	9054						
	1620		V30392	02SD	9055						
	1643		V30393	03	9056						
	1706		V30394	04	9057						
	1729		V30395	05	9058				10		
	1752		V30396	06	9059				1		
	1815		V30397	07	9060						
	1838		V30398	09	9061						
	1901		V30399	MSB	AN80013749	08-9022/41/58					
	1924		V30400	SBLK 07	13750						
	1947		V30401	A8904161	13745	9041					
	2010		V30402	02	13746						
	2033		V30403	03	13747						
	2056		V30404	04	13748						
	2119		V30405	A8902211	13751	9022					

TEST AMERICA

REVIEWED BY_____

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS DMC #1 No fail/day

$MeCl_2$ Lot# 5A760 used for all sample dilutions. Manufacturer J.T.Baker

Injection Log

CH_2Cl_2 Lot # G27E04 used for all samp. dilutions. Manufacturer J.T. Baker

Directory: D:\DATA\090208

DMC#80 inj. vol: 1.0mL ng IS: 40 Is Id: SC55-03 Analyst MP

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	52	B31022.D	1.	BLANK		3 Sep 2008 02:33
2	1	V30970.D	1.	DFTPP 50NG	SC33-12H	2 Sep 2008 08:31
3	2	V30971.D	1.	SSTD050	8270 A (08/25/08)	2 Sep 2008 08:47
4	2	V30972.D	1.	SSTD050	TCLADDS A (08/08/08)	2 Sep 2008 09:11
5	3	V30973.D	1.	A8A36405 AW80015474		2 Sep 2008 09:34
6	4	V30974.D	1.	A8A36201 AW80015478		2 Sep 2008 09:57
7	5	V30975.D	1.	A8A36202 DF20 AW80015479		2 Sep 2008 10:20
8	6	V30976.D	1.	A8A36203 AW80015480		2 Sep 2008 10:43
9	7	V30977.D	1.	A8A36204 AW80015481		2 Sep 2008 11:06
10	8	V30978.D	1.	A8A36205 AW80015482		2 Sep 2008 11:28
11	9	V30979.D	1.	A8A36206 AW80015483		2 Sep 2008 11:51
12	10	V30980.D	1.	MSB AS80015637	08-A427/559	2 Sep 2008 12:14
13	11	V30981.D	1.	MSBD AS80015638	08-A427/559	2 Sep 2008 12:37
14	12	V30982.D	1.	SBLK42 AS80015639	08-A427/559	2 Sep 2008 13:00
15	13	V30983.D	1.	EBLK01 AS80015644	08-A427/559	2 Sep 2008 13:23
16	14	V30984.D	1.	A8A55901 AS80015636		2 Sep 2008 13:46
17	15	V30985.D	1.	A8A42701 AS80015640		2 Sep 2008 14:08
18	16	V30986.D	1.	A8A42702 AS80015641		2 Sep 2008 14:31
19	17	V30987.D	1.	A8A42703 AS80015642		2 Sep 2008 14:54
20	18	V30988.D	1.	A8A42704 AS80015643		2 Sep 2008 15:17
21	19	V30989.D	1.	MSB AS80010953	08-A399/457/60/75	2 Sep 2008 15:40
22	20	V30990.D	1.	MSBD AS80010954	08-A399/457/60/75	2 Sep 2008 16:03
23	21	V30991.D	1.	SBLK43 AS80010955	08-A399/457/60/75	2 Sep 2008 16:26
24	22	V30992.D	1.	A8A39901 DF20 AS80010950		2 Sep 2008 16:48
25	23	V30993.D	1.	A8A39902 DF20 AS80010951		2 Sep 2008 17:11
26	24	V30994.D	1.	A8A46004 DF5 AS80010952		2 Sep 2008 17:34
27	25	V30995.D	1.	A8A46003 DF5 AS80010956		2 Sep 2008 17:57
28	26	V30996.D	1.	A8A46011 DF5 AS80010957		2 Sep 2008 18:20
29	27	V30997.D	1.	A8A47501 AS80010958		2 Sep 2008 18:43
30	28	V30998.D	1.	A8A47502 DF20 AS80010959		2 Sep 2008 19:05
31	29	V30999.D	1.	A8A47503 AS80010960		2 Sep 2008 19:28
32	30	V31000.D	1.	DFTPP050	SC33-12H	2 Sep 2008 19:49
33	31	V31001.D	1.	SSTD050	PAH A (08/21/08)	2 Sep 2008 20:02
34	32	V31002.D	1.	A8A34322 DF20 AS80010829		2 Sep 2008 20:21
35	33	V31003.D	1.	A8A34323 DF20 AS80010830		2 Sep 2008 20:40
36	34	V31004.D	1.	A8A34324 DF20 AS80010831		2 Sep 2008 20:58
37	35	V31005.D	1.	A8A34325 DF20 AS80010832		2 Sep 2008 21:17
38	36	V31006.D	1.	A8A34326 DF20 AS80010833		2 Sep 2008 21:35
39	37	V31007.D	1.	A8A34327 DF20 AS80010834		2 Sep 2008 21:54
40	38	V31008.D	1.	A8A34328 DF20 AS80010835		2 Sep 2008 22:13
41	39	V31009.D	1.	A8A34329 DF20 AS80010836		2 Sep 2008 22:31
42	40	V31010.D	1.	A8A34330 DF20 AS80010837		2 Sep 2008 22:50
43	41	V31011.D	1.	A8A34331 DF20 AS80010838		2 Sep 2008 23:08
44	42	V31012.D	1.	A8A34332 DF20 AS80010839		2 Sep 2008 23:27
45	43	V31013.D	1.	A8A34333 DF20 AS80010840		2 Sep 2008 23:46
46	44	V31014.D	1.	A8A34334 DF20 AS80010841		3 Sep 2008 00:04
47	45	V31015.D	1.	MSB AW80015802	08-A585	3 Sep 2008 00:23
48	46	V31016.D	1.	MSBD AW80015803	08-A585	3 Sep 2008 00:41
49	47	V31017.D	1.	SBLK44 AW80015804	08-A585	3 Sep 2008 01:00
50	48	V31018.D	1.	A8A58501 AW80015798		3 Sep 2008 01:19

Injection Log

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Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
51	49	V31019.D	1.	A8A58502 AW80015799		3 Sep 2008 01:37
52	50	V31020.D	1.	A8A58503 AW80015800		3 Sep 2008 01:56
53	51	V31021.D	1.	A8A58504 AW80015801		3 Sep 2008 02:14

DMC #1

Injection Log

MeCl$_2$ Lot# G27J04 used for all semi-dilutions. Manufacturer J. T. Baker

Directory: D:\DATA\090308

Analyst(s): MD/JLG inj. vol.: 1.0 uL Isamt: 40ng ISId: SC55-03

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	31	B31052.D	1.	BLANK		3 Sep 2008 17:52
2	1	V31022.D	1.	DFTPP 50NG	SC33-12H	3 Sep 2008 08:33
3	2	V31023.D	1.	SSTD050	PAH A (8-21-08)	3 Sep 2008 08:51
4	3	V31024.D	1.	MSB AS80011009	08-A563	3 Sep 2008 09:11
5	4	V31025.D	1.	SBLK45 AS80011010	08-A563	3 Sep 2008 09:30
6	5	V31026.D	1.	A8A56301 DF5 AS80011003		3 Sep 2008 09:48
7	6	V31027.D	1.	A8A56301MS DF5 AS80011004		3 Sep 2008 10:06
8	7	V31028.D	1.	A8A56301SD DF5 AS80011005		3 Sep 2008 10:25
9	8	V31029.D	1.	A8A56302 DF5 AS80011006		3 Sep 2008 10:44
10	9	V31030.D	1.	A8A56303 AS80011007		3 Sep 2008 11:02
11	10	V31031.D	1.	A8A56304 DF5 AS80011008		3 Sep 2008 11:21
12	11	V31032.D	1.	MSB AW80015585	08-A386	3 Sep 2008 11:39
13	12	V31033.D	1.	SBLK46 AW80015586	08-A386	3 Sep 2008 11:58
14	13	V31034.D	1.	A8A38601 AW80015576		3 Sep 2008 12:17
15	14	V31035.D	1.	A8A38601MS AW80015577		3 Sep 2008 12:35
16	15	V31036.D	1.	A8A38601SD AW80015578		3 Sep 2008 12:54
17	16	V31037.D	1.	A8A38602 AW80015579		3 Sep 2008 13:13
18	17	V31038.D	1.	A8A38603 AW80015580		3 Sep 2008 13:31
19	18	V31039.D	1.	A8A38604 AW80015581		3 Sep 2008 13:50
20	19	V31040.D	1.	A8A38605 AW80015582		3 Sep 2008 14:08
21	20	V31041.D	1.	A8A38606 AW80015583		3 Sep 2008 14:27
22	21	V31042.D	1.	A8A56304DL DF20 AS80011008		3 Sep 2008 14:46
23	22	V31043.D	1.	A8A38607 AW80015584		3 Sep 2008 15:04
24	23	V31044.D	1.	MSB AW80015592	08-A444	3 Sep 2008 15:23
25	24	V31045.D	1.	SBLK47 AW80015592	08-A444	3 Sep 2008 15:42
26	25	V31046.D	1.	A8A44401 AW80015587		3 Sep 2008 16:00
27	26	V31047.D	1.	A8A44402 AW80015588		3 Sep 2008 16:19
28	27	V31048.D	1.	A8A44402MS AW80015589		3 Sep 2008 16:37
29	28	V31049.D	1.	A8A44402SD AW80015590		3 Sep 2008 16:56
30	29	V31050.D	1.	A8A44403 DF5 AW80015591		3 Sep 2008 17:15
31	30	V31051.D	1.	IS LOT# LB60876		3 Sep 2008 17:33
32	1	V31052.D	1.	DFTPP 50NG	SC33-12H	3 Sep 2008 19:21
33	2	V31053.D	1.	SSTD050	8270 (08/25/08)	3 Sep 2008 19:38
34	3	V31054.D	1.	SSTD050	TCLADDS (08/08/08)	3 Sep 2008 20:01
35	2	V31055.D	1.	A8A47504 AS80010961		3 Sep 2008 20:28
36	3	V31056.D	1.	A8A47505 AS80010962		3 Sep 2008 20:51
37	4	V31057.D	1.	A8A47506 AS80010963		3 Sep 2008 21:14
38	5	V31058.D	1.	A8A47507 AS80010964		3 Sep 2008 21:37
39	6	V31059.D	1.	A8A45701 AS80010965		3 Sep 2008 21:59
40	7	V31060.D	1.	A8A45702 AS80010966		3 Sep 2008 22:22
41	8	V31061.D	1.	A8A45703 AS80010967		3 Sep 2008 22:45
42	9	V31062.D	1.	MSB AW80015681	8-A434, A433, A594, A631	3 Sep 2008 23:08
43	10	V31063.D	1.	MSBD AW80015682	8-A434, A433, A594, A631	3 Sep 2008 23:31
44	11	V31064.D	1.	SBLK48 AW80015683	8-A434, A433, A594, A631	3 Sep 2008 23:54
45	12	V31065.D	1.	A8A43401 AW80015679		4 Sep 2008 00:16
46	13	V31066.D	1.	A8A43402 AW80015680		4 Sep 2008 00:39
47	14	V31067.D	1.	A8A43301 AW80015684		4 Sep 2008 01:02
48	15	V31068.D	1.	A8A43302 AW80015685		4 Sep 2008 01:25
49	16	V31069.D	1.	A8A59401 AW80015686		4 Sep 2008 01:48
50	17	V31070.D	1.	A8A59402 AW80015687		4 Sep 2008 02:11
51	18	V31071.D	1.	A8A59403 AW80015688		4 Sep 2008 02:33

Injection Log

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Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
52	19	V31072.D	1.	A8A63101 AW80015689		4 Sep 2008 02:56
53	20	V31073.D	1.	MSB AW80015620		4 Sep 2008 03:19
54	21	V31074.D	1.	MSBD AW80015621		4 Sep 2008 03:42
55	22	V31075.D	1.	SBLK49 AW80015622		4 Sep 2008 04:04
56	23	V31076.D	1.	A8A46501 AW80015617		4 Sep 2008 04:27
57	24	V31077.D	1.	A8A46502 AW80015618		4 Sep 2008 04:50
58	25	V31078.D	1.	A8A46503 AW80015619		4 Sep 2008 05:13
59	26	V31079.D	1.	A8A47508 AW80015623		4 Sep 2008 05:36
60	27	V31080.D	1.	A8A47401 AW80015624		4 Sep 2008 05:58
61	28	V31081.D	1.	A8A45901 AW80015625		4 Sep 2008 06:21
62	29	V31082.D	1.	A8A44801 AW80015626		4 Sep 2008 06:44
63	30	V31083.D	1.	A8A44802 AW80015627		4 Sep 2008 07:07

Injection Log

Directory: D:\DATA\090408

$MeCl_2$ Lot# G33507 used for all sample dilutions. Manufacturer J.T. Baker

Analyst: MD injection vol: 1.0uL Isamt: 40ng Is Id: SC95503

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	32	B00001.D	1.	IBLK		5 Sep 2008 11:35
2		B31119.D	1.			
3	1	V31084.D	1.	DFTPP 50NG	SC33-12H	4 Sep 2008 09:19
4	2	V31085.D	1.	SSTD050	8270 A (08/25/08)	4 Sep 2008 09:34
5	2	V31086.D	1.	SSTD050	TCLADDS A (08/08/08)	4 Sep 2008 09:57
6	3	V31087.D	1.	A8A44803 AW80015628		4 Sep 2008 10:20
7	4	V31088.D	1.	A8A44804 AW80015629		4 Sep 2008 10:43
8	5	V31089.D	1.	A8A44805 AW80015630		4 Sep 2008 11:06
9	6	V31090.D	1.	A8A44806 AW80015631		4 Sep 2008 11:29
10	7	V31091.D	1.	A8A44807 AW80015632		4 Sep 2008 11:52
11	8	V31092.D	1.	A8A44808 AW80015633		4 Sep 2008 12:15
12	9	V31093.D	1.	A8A44809 AW80015634		4 Sep 2008 12:37
13	10	V31094.D	1.	A8A44810 AW80015635		4 Sep 2008 13:00
14	11	V31095.D	1.	MSB AW80015761	08-A465/75/523	4 Sep 2008 13:23
15	12	V31096.D	1.	MSBD AW80015762	08-A465/75/523	4 Sep 2008 13:46
16	13	V31097.D	1.	SBLK50 AW80015763	08-A465/75/523	4 Sep 2008 14:09
17	14	V31098.D	1.	A8A52301 AW80015754		4 Sep 2008 14:32
18	15	V31099.D	1.	A8A52302 AW80015755		4 Sep 2008 14:55
19	16	V31100.D	1.	A8A52303 AW80015756		4 Sep 2008 15:18
20	17	V31101.D	1.	A8A52304 AW80015757		4 Sep 2008 15:41
21	18	V31102.D	1.	A8A52305 AW80015758		4 Sep 2008 16:04
22	19	V31103.D	1.	A8A52306 AW80015759		4 Sep 2008 16:27
23	20	V31104.D	1.	A8A52307 AW80015760		4 Sep 2008 16:50
24	21	V31105.D	1.	A8A46504 AW80015764		4 Sep 2008 17:12
25	22	V31106.D	1.	A8A46505 AW80015765		4 Sep 2008 17:35
26	23	V31107.D	1.	A8A46506 AW80015766		4 Sep 2008 17:58
27	24	V31108.D	1.	A8A46507 AW80015767		4 Sep 2008 18:21
28	25	V31109.D	1.	A8A46508 AW80015768		4 Sep 2008 18:44
29	26	V31110.D	1.	A8A46509 AW80015769		4 Sep 2008 19:07
30	27	V31111.D	1.	A8A46510 AW80015770		4 Sep 2008 19:30
31	28	V31112.D	1.	A8A46511 AW80015771		4 Sep 2008 19:53
32	29	V31113.D	1.	A8A46512 AW80015772		4 Sep 2008 20:16
33	30	V31114.D	1.	A8A46513 AW80015773		4 Sep 2008 20:39
34	31	V31115.D	1.	A8A46514 AW80015774		4 Sep 2008 21:02
35	32	V31116.D	1.	A55	09/02/08	4 Sep 2008 21:25
36	33	V31117.D	1.	A62	09/02/08	4 Sep 2008 21:47
37	34	V31118.D	1.	BENZALDHYDE	09/02/08	4 Sep 2008 22:10
38	1	V31119.D	1.	DFTPP 50NG	SC33-12J	4 Sep 2008 23:32
39	2	V31120.D	1.	SSTD050	8270 (08/25/08)	4 Sep 2008 23:49
40	3	V31121.D	1.	SSTD050	TCLADDS A (08/08/08)	5 Sep 2008 00:12
41	2	V31122.D	1.	A8A46515 DF5 AW80015775		5 Sep 2008 00:35
42	3	V31123.D	1.	A8A47509 AW80015776		5 Sep 2008 00:57
43	4	V31124.D	1.	MSB AS80011265	8-A460, A519	5 Sep 2008 01:20
44	5	V31125.D	1.	SBLK51 AS80011266	8-A460, A519	5 Sep 2008 01:43
45	6	V31126.D	1.	A5A46001 DF20 AS80011257		5 Sep 2008 02:06
46	7	V31127.D	1.	A5A46002 DF20 AS80011258		5 Sep 2008 02:29
47	8	V31128.D	1.	A5A46005 DF20 AS80011259		5 Sep 2008 02:52
48	9	V31129.D	1.	A5A46006 DF20 AS80011260		5 Sep 2008 03:15
49	10	V31130.D	1.	A5A46009 DF20 AS80011261		5 Sep 2008 03:37

Injection Log

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Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
50	11	V31131.D	1.	A5A46009MS DF20 AS80011262		5 Sep 2008 04:00
51	12	V31132.D	1.	A5A46009SD DF20 AS80011263		5 Sep 2008 04:23
52	13	V31133.D	1.	A5A46010 DF20 AS80011264		5 Sep 2008 04:46
53	14	V31134.D	1.	A8A51901 DF20 AS80011267		5 Sep 2008 05:09
54	15	V31135.D	1.	A8A51902 DF20 AS80011268		5 Sep 2008 05:32
55	16	V31136.D	1.	A8A51903 DF20 AS80011269		5 Sep 2008 05:54
56	17	V31137.D	1.	A8A51904 DF20 AS80011270		5 Sep 2008 06:17
57	18	V31138.D	1.	A8A51905 DF20 AS80011271		5 Sep 2008 06:40
58	19	V31139.D	1.	A8A51906 DF20 AS80011272		5 Sep 2008 07:03
59	20	V31140.D	1.	A8A51907 DF20 AS80011273		5 Sep 2008 07:26
60	21	V31141.D	1.	A8A51908 DF20 AS80011274		5 Sep 2008 07:49
61	22	V31142.D	1.	A8A51909 DF20 AS80011275		5 Sep 2008 08:11
62	23	V31143.D	1.	A8A51910 DF20 AS80011276		5 Sep 2008 08:34
63	24	V31144.D	1.	MSB AS80011327	8-A656, A613, A629, A713	5 Sep 2008 08:57
64	25	V31145.D	1.	SBLK52 AS80011328	8-A656, A613, A629, A713	5 Sep 2008 09:20
65	26	V31146.D	1.	A8A65601 DF20 AS80011326		5 Sep 2008 09:43
66	27	V31147.D	1.	A8A61301 DF20 AS80011329		5 Sep 2008 10:06
67	28	V31148.D	1.	A8A613012 DF5 AS80011330		5 Sep 2008 10:29
68	29	V31149.D	1.	A8A61305 DF20 AS80011331		5 Sep 2008 10:52
69	30	V31150.D	1.	A8A61310 DF20 AS80011332		5 Sep 2008 11:15

Injection Log

Directory: D:\DATA\090508

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	34	B31186.D	1.	BLANK		6 Sep 2008 03:01
2	1	V31151.D	1.	DFTPP 50NG	SC33-12H	5 Sep 2008 14:02
3	2	V31152.D	1.	SSTD050	PAH A (08/21/08)	5 Sep 2008 14:16
4	2	V31153.D	1.	SSTD050	8270 A (08/25/08)	5 Sep 2008 14:36
5	2	V31154.D	1.	SSTD050	TCLADDS A (08/08/08)	5 Sep 2008 14:59
6	3	V31155.D	1.	SSTD050	TCLADDS A (08/08/08)	5 Sep 2008 15:22
7	4	V31156.D	1.	A8A38601DL DF10 AW80015576		5 Sep 2008 15:43
8	5	V31157.D	1.	A8A38604DL DF10 AW80015581		5 Sep 2008 16:02
9	6	V31158.D	1.	A8A61311 DF20 AS80011333		5 Sep 2008 16:22
10	7	V31159.D	1.	A8A61312 DF20 AS80011334		5 Sep 2008 16:45
11	8	V31160.D	1.	A8A61313 DF20 AS80011335		5 Sep 2008 17:08
12	9	V31161.D	1.	A8A61313MS DF20 AS8001136		5 Sep 2008 17:31
13	10	V31162.D	1.	A8A61313SD DF20 AS80011337		5 Sep 2008 17:54
14	11	V31163.D	1.	A8A61316 DF20 AS80011338		5 Sep 2008 18:17
15	12	V31164.D	1.	A8A61317 DF20 AS80011339		5 Sep 2008 18:40
16	13	V31165.D	1.	A8A61306 DF20 AS80011340		5 Sep 2008 19:03
17	14	V31166.D	1.	A8A61308 DF20 AS80011341		5 Sep 2008 19:26
18	15	V31167.D	1.	A8A61315 DF20 AS80011342		5 Sep 2008 19:49
19	16	V31168.D	1.	A8A62903 DF10 AS80011343		5 Sep 2008 20:12
20	17	V31169.D	1.	A8A62904 AS80011344		5 Sep 2008 20:34
21	18	V31170.D	1.	A8A62905 AS80011345		5 Sep 2008 20:57
22	19	V31171.D	1.	A8A71301 DF5 AS80011346		5 Sep 2008 21:20
23	20	V31172.D	1.	MSB AW80015999	08-A210/764	5 Sep 2008 21:43
24	21	V31173.D	1.	SBLK53 AW80016001	08-A210/764	5 Sep 2008 22:06
25	22	V31174.D	1.	A8A21007RE AW80015998		5 Sep 2008 22:29
26	23	V31175.D	1.	A8A76401 AW80016002		5 Sep 2008 22:52
27	24	V31176.D	1.	A8A76401MS AW80016003		5 Sep 2008 23:14
28	25	V31177.D	1.	A8A76401SD AW80016004		5 Sep 2008 23:37
29	26	V31178.D	1.	A8A76402 AW80016005		6 Sep 2008 00:00
30	27	V31179.D	1.	A8A76403 AW80016006		6 Sep 2008 00:23
31	28	V31180.D	1.	A8A76404 AW80016007		6 Sep 2008 00:46
32	29	V31181.D	1.	A8A76405 AW80016008		6 Sep 2008 01:09
33	30	V31182.D	1.	A8A76406 AW80016009		6 Sep 2008 01:32
34	31	V31183.D	1.	A8A76407 AW80016010		6 Sep 2008 01:54
35	32	V31184.D	1.	A8A76408 AW80016011		6 Sep 2008 02:17
36	33	V31185.D	1.	IS	RESTEK LOT#31206	6 Sep 2008 02:40

Analyst MP

Injact. Vol : 1.0uL

ISamt · 40ng

ISEd. : SS5-03

$MeCl_2$ Lot # G33J07 used for all sample dilutions. Manufacturer J. T. Baker

000074

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
8/8/08	08:43	JLG	W25598	DFTPP050	SC33-125		1.0 ul				
	09:09		W25599	SSTD160	8270 (07/29/08)						
	09:32		W25600	SSTD005							
	09:56		W25601	SSTD120							
	10:19		W25602	SSTD020							
	11:15		W25603	SSTD080							
	11:38		W25604	SSTD050							
	12:01		W25605	CHECK050	SSCAL (08/05/08)						
	12:25		W25606	SSTD005	TCLAPDS1 (8/8/08)						
	12:48		W25607	SSTD020							
	13:10		W25608	SSTD050							
	13:34		W25609	SSTD080							
	13:57		W25610	SSTD120							
	14:19		W25611	SSTD160							

AEG 8/13/08

AEG 8/13/08

AEG 8/13/08

TEST AMERICA

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1930/3648

GCMS SEMIVOLATILE INJECTION LOG

000075

D.	COMMENTS

DATE

1931/3648

000104

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D
08/26/08	1031	JLB	W25931	DFTPP050	SC33-12J	8-	1.0 uL	—	—	—	—
	1056		W25932	SS70050	8270 (08/25/08)						
	1119		W25933	SS70050	7CLA085 (08/08/08)						
	1142		W25934	SS70160	8270 (08/25/08)						
	1205		W25935	SS70020							
	1228		W25936	SS70160							
	1251		W25937	SS70050							
	1314		W25938	SS70120							
	1337		W25939	SS70050							
	1400		W25940	SS70160							
	~~1512~~		W25941	SS70005							
	1512		W25942	SS70005							
	1654		W25943	SS70080							
	1814		W25944	SS70005							
	1837		W25945	check050	SSC81 (06/06/08)						

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1932/3648

GCMS SEMIVOLATILE INJECTION LOG

I.S.	once	COMMENTS

pl_ilog.TXT
Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0000639.M
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : C:\MSDCHEM\1\DATA\090508\W26145.D
Injection Date : 5 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 10:35 Total files within period : 27
Sample Directory : C:\MSDCHEM\1\DATA\090508\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
W26146	1.00	1.00	1.00	SSTD050 8270(8-25-08)	5 Sep 2008	11:17
W26147	1.00	1.00	1.00	SSTD050 TCLADDS (08/08/08)	5 Sep 2008	11:40
W26148	1.00	1.00	1.00	A8A58912DL DF10 AS80	5 Sep 2008	12:07
W26149	1.00	1.00	1.00	A8A30505 DF5 AS80010	5 Sep 2008	12:30
W26150	1.00	1.00	1.00	A8A30506 DF5 AS80010	5 Sep 2008	12:53
W26151	1.00	1.00	1.00	MSB AS80011357 8-A656, A716, A718,	5 Sep 2008	13:16
W26152	1.00	1.00	1.00	SBLK65 AS80011364 8-A656, A716, A718,	5 Sep 2008	13:40
W26153	1.00	1.00	1.00	A8A70301 DF20 AS8001	5 Sep 2008	14:03
W26154	1.00	1.00	1.00	A8A70302 DF20 AS8001	5 Sep 2008	14:26
W26155	1.00	1.00	1.00	A8A65602 DF20 AS8001	5 Sep 2008	14:49
W26156	1.00	1.00	1.00	A8A65603 DF20 AS8001	5 Sep 2008	15:12
W26157	1.00	1.00	1.00	A8A65604 DF20 AS8001	5 Sep 2008	15:35
W26158	1.00	1.00	1.00	A8A65605 DF20 AS8001	5 Sep 2008	15:58
W26159	1.00	1.00	1.00	A8A71601 DF20 AS8001	5 Sep 2008	16:21
W26160	1.00	1.00	1.00	A8A71601MS DF20 AS80	5 Sep 2008	16:44
W26161	1.00	1.00	1.00	A8A71601SD DF20 AS80	5 Sep 2008	17:07
W26162	1.00	1.00	1.00	A8A71602 DF20 AS8001	5 Sep 2008	17:31
W26163	1.00	1.00	1.00	A8A71603 DF20 AS8001	5 Sep 2008	17:54
W26164	1.00	1.00	1.00	A8A71604 DF20 AS8001	5 Sep 2008	18:17
W26165	1.00	1.00	1.00	A8A71801 AS80011358	5 Sep 2008	18:40
W26166	1.00	1.00	1.00	A8A71801MS AS8001135	5 Sep 2008	19:03
W26167	1.00	1.00	1.00	A8A71801SD AS8001136	5 Sep 2008	19:26
W26168	1.00	1.00	1.00	EBLK AW80015992 J-2441	5 Sep 2008	19:49
W26169	1.00	1.00	1.00	MSB AW80015993 8-A612, A655, A598,	5 Sep 2008	20:12
W26170	1.00	1.00	1.00	MSBD AW80015994 8-A612, A655, A598,	5 Sep 2008	20:35

W26171	1.00	1.00	1.00	SBLK66 AW80015995 8-A612, A655, A598,	5 Sep 2008 20:58
W26171	1.00	1.00	1.00	SBLK66 AW80015995 8-A612, A655, A598,	5 Sep 2008 20:58

000008

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
08/13/08	1242	AJ	X25682	DFTPP050	SC33126		1.0uL				
	1304		X25683	SSTD005	8270(7/29/08)						
	1327		X25684	020							
	1350		X25685	050							
	1413		X25686	080							
	1436		X25687	120							
	1454		X25688	160							
	1522		X25689	CHECK050	Add SC(6/3/08)						
	1545		X25690	~~MB1400 SSTD005~~	TCLP001(8/04/08)						
	1608		X25691	020							
	1631		X25692	050							
	1653		X25693	080							
	1717		X25694	120							
	1739		X25695	160							
	1802		X25696	A8910606RI	AW800387	9106		1.0mL	10	40	SC55-08
	1825		X25697	A8907709	AW800387	9047					
	1848		X25698	A8912913	AW800387	9129					
	1911		X25699	A8897713DL	AW800365	8977			20		
	1934		X25700	140	5						
	1957		X25701	A8902203a	AW800737	9027					
	2019		X25702	050	39				100		
	2042		X25703	060	41				50		
	2105		X25704	070	42				200 MB 9/11/08 JB1		
	2128		X25705	MSM	AW800414132	9123/9257					
	2151		X25706	MSBD	33						
	2213		X25707	SPBLK111	34						
	2236		X25708	A8912301	AW800414126	9123					
	2259		X25709	02	29						
	2322		X25710	03	30						
	2345		X25711	04	31						
8/14/08	0008		X25712	A8925701	AW800414135	9257			10		
	0031		X25713	02	36				1		
					cm	08-18-08					

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1936/3648

GCMS SEMIVOLATILE INJECTION LOG

000009

	COMMENTS
I-2367	DMCH No-Int / der
I-0605	
C-2007	
I-0608	

DATE 08-18-08

1937/3648

000016

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	A08 JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
08-16-08	0815	AJ	X25747	DFTPP050	5C33-126		1.0 uL				
	0831		X25748	SSTD005	F039 (08-13-08)						
	0855		X25749	020							
	0919		X25750	050							
	0942		X25751	080							
	1007		X25752	120							
	1030		X25753	160							
	1054		X25754	SSTD005	8270 (06-24-08)						
	1117		X25755	020							
	1140		X25756	050							
	1202		X25757	080							
	1225		X25758	120							
	1248		X25759	160							
	1311		X25760	SSTD050	2ND SRC (06-03-08)						

cm 08-18-08

cm 08-18-08

TEST AMERICA

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1938/3648

GCMS SEMIVOLATILE INJECTION LOG

000017

DMC #1	COMMENTS	no tail / no deg.

T-2410
I-619

DATE_____

1939/3648

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\090508\X26206.D
Injection Date : 5 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 10:25 Total files within period : 28
Sample Directory : D:\DATA\090508\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26207	1.00	1.00	1.00	SSTD050 8270(8-25-08)	5 Sep 2008	10:41
X26208	1.00	1.00	1.00	SSTD050 TCLADDS (8-8-08)	5 Sep 2008	11:04
X26209	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	5 Sep 2008	11:27
X26210	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	5 Sep 2008	11:50
X26211	1.00	1.00	1.00	MSB AS80011452 08-A259	5 Sep 2008	12:12
X26212	1.00	1.00	1.00	MSBD AS80011453 08-A259	5 Sep 2008	12:35
X26213	1.00	1.00	1.00	SBLK38 AS80011454 08-A259	5 Sep 2008	12:58
X26214	1.00	1.00	1.00	A8A25908RE DF20 AS8001145	5 Sep 2008	13:21
X26215	1.00	1.00	1.00	A8A48901 DF5 AW80015860	5 Sep 2008	13:44
X26216	1.00	1.00	1.00	MSB AW80015864 08-A591/95/629/608	5 Sep 2008	14:07
X26217	1.00	1.00	1.00	SBLK39 AW80015865 08-A591/95/629/608	5 Sep 2008	14:30
X26218	1.00	1.00	1.00	A8A59101 AW80015862	5 Sep 2008	14:52
X26219	1.00	1.00	1.00	A8A59102 AW80015863	5 Sep 2008	15:15
X26220	1.00	1.00	1.00	A8A59501 AW80015866	5 Sep 2008	15:38
X26221	1.00	1.00	1.00	A8A59502 AW80015867	5 Sep 2008	16:01
X26222	1.00	1.00	1.00	A8A59502MS AW80015868	5 Sep 2008	16:24
X26223	1.00	1.00	1.00	A8A59502SD AW80015869	5 Sep 2008	16:46
X26224	1.00	1.00	1.00	A8A59503 AW80015870	5 Sep 2008	17:09
X26225	1.00	1.00	1.00	A8A59504 DF100 AW80015871	5 Sep 2008	17:32
X26226	1.00	1.00	1.00	A8A59505 AW80015872	5 Sep 2008	17:55
X26227	1.00	1.00	1.00	A8A59506 AW80015873	5 Sep 2008	18:18
X26228	1.00	1.00	1.00	A8A59507 AW80015874	5 Sep 2008	18:40

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\090508\X26206.D
Injection Date : 5 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 10:25 Total files within period : 28
Sample Directory : D:\DATA\090508\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info		Date	Time
X26229	1.00	1.00	1.00	A8A59508	AW80015875	5 Sep 2008	19:03
X26230	1.00	1.00	1.00	A8A59509	AW80015876	5 Sep 2008	19:26
X26231	1.00	1.00	1.00	A8A62901	AW80015877	5 Sep 2008	19:49
X26232	1.00	1.00	1.00	A8A62902	AW80015878	5 Sep 2008	20:12
X26233	1.00	1.00	1.00	A8A60815	AW80015879	5 Sep 2008	20:35
X26234	1.00	1.00	1.00	A8A60816	AW80015880	5 Sep 2008	20:58

Analyst: AJ
IS ID: SCSS-3
NC-IS: 40ng
inj vol: 1.0ul

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\090608\X26235.D
Injection Date : 6 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 08:59 Total files within period : 33
Sample Directory : D:\DATA\090608\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26236	1.00	1.00	1.00	SSTD050 8270(8-25-08)	6 Sep 2008	09:15
X26237	1.00	1.00	1.00	SSTD050 TCLADDS (08/08/08)	6 Sep 2008	09:38
X26238	1.00	1.00	1.00	SSTD050 APIX (08/19/08)	6 Sep 2008	10:46
X26239	1.00	1.00	1.00	SSTD050 ADDS#1 (04/01/08)	6 Sep 2008	11:09
X26240	1.00	1.00	1.00	A8A64301 AW80015931	6 Sep 2008	11:32
X26241	1.00	1.00	1.00	A8A64302 DF10 AW80015932	6 Sep 2008	11:55
X26242	1.00	1.00	1.00	A8A64302MS DF10 AW8001593	6 Sep 2008	12:17
X26243	1.00	1.00	1.00	A8A64302SD DF10 AW8001593	6 Sep 2008	12:40
X26244	1.00	1.00	1.00	A8A64303 AW80015935	6 Sep 2008	13:03
X26245	1.00	1.00	1.00	MSB AW80015936 A643/630/713/718	6 Sep 2008	13:26
X26246	1.00	1.00	1.00	SBLK40 AW80015937 A643/630/713/718	6 Sep 2008	13:49
X26247	1.00	1.00	1.00	A8A63001 AW80015939	6 Sep 2008	14:12
X26248	1.00	1.00	1.00	A8A63002 DF10 AW80015940	6 Sep 2008	14:34
X26249	1.00	1.00	1.00	A8A63003 DF10 AW80015941	6 Sep 2008	14:57
X26250	1.00	1.00	1.00	A8A63004 AW80015942	6 Sep 2008	15:20
X26251	1.00	1.00	1.00	A8A63005 AW80015943	6 Sep 2008	15:43
X26252	1.00	1.00	1.00	A8A63006 AW80015944	6 Sep 2008	16:06
X26253	1.00	1.00	1.00	A8A63006MS AW80015945	6 Sep 2008	16:29
X26254	1.00	1.00	1.00	A8A63006SD AW80015946	6 Sep 2008	16:52
X26255	1.00	1.00	1.00	A8A63007 AW80015947	6 Sep 2008	17:14
X26256	1.00	1.00	1.00	A8A63009 AW80015948	6 Sep 2008	17:37
X26257	1.00	1.00	1.00	A8A63010 AW80015949	6 Sep 2008	18:00

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\090608\X26235.D
Injection Date : 6 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 08:59 Total files within period : 33
Sample Directory : D:\DATA\090608\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26258	1.00	1.00	1.00	A8A63011 AW80015950	6 Sep 2008	18:22
X26259	1.00	1.00	1.00	A8A63012 AW80015951	6 Sep 2008	18:45
X26260	1.00	1.00	1.00	A8A63013 AW80015952	6 Sep 2008	19:08
X26261	1.00	1.00	1.00	A8A63013MS AW80015953	6 Sep 2008	19:30
X26262	1.00	1.00	1.00	A8A63013SD AW80015954	6 Sep 2008	19:53
X26263	1.00	1.00	1.00	A8A63014 AW80015955	6 Sep 2008	20:16
X26264	1.00	1.00	1.00	A8A63015 AW80015956	6 Sep 2008	20:39
X26265	1.00	1.00	1.00	A8A63016 AW80015957	6 Sep 2008	21:01
X26266	1.00	1.00	1.00	A8A63017 AW80015958	6 Sep 2008	21:24
X26267	1.00	1.00	1.00	A8A71302 AW80015959	6 Sep 2008	21:47
X26268	1.00	1.00	1.00	A8A71802 AW80015960	6 Sep 2008	22:10

Analyst: RM
NG IS: 40ng
IS ID: SCS53
Inj Vol: 1.0 µl 9/9/08

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\090808\X26269.D
Injection Date : 8 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 10:50 Total files within period : 27
Sample Directory : D:\DATA\090808\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26270	1.00	1.00	1.00	DFTPP 50NG SC33-12K	8 Sep 2008	11:53
X26271	1.00	1.00	1.00	DFTPP 50NG SC33-12K	8 Sep 2008	12:26
X26272	1.00	1.00	1.00	SSTD050 8270(8-25-08)	8 Sep 2008	13:06
X26273	1.00	1.00	1.00	SSTD050 TCLADDS (8-8-08)	8 Sep 2008	13:33
X26274	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	8 Sep 2008	13:56
X26275	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	8 Sep 2008	14:19
X26276	1.00	1.00	1.00	MSB AS80011457 08-A259/533	8 Sep 2008	14:42
X26277	1.00	1.00	1.00	MSBD AS80011458 08-A259/533	8 Sep 2008	15:05
X26278	1.00	1.00	1.00	SBLK40 AS80011459 08-A259/533	8 Sep 2008	15:27
X26279	1.00	1.00	1.00	A8A53301RE DF5 AS80011455	8 Sep 2008	15:50
X26280	1.00	1.00	1.00	A8A53302RE DF5 AS80011456	8 Sep 2008	16:13
X26281	1.00	1.00	1.00	A8A25906RE DF5 AS80011460	8 Sep 2008	16:35
X26282	1.00	1.00	1.00	A8A25907RE DF10 AS8001146	8 Sep 2008	16:58
X26283	1.00	1.00	1.00	A8A25909RE DF5 AS80011462	8 Sep 2008	17:21
X26284	1.00	1.00	1.00	A8A25910RE DF10 AS8001146	8 Sep 2008	17:44
X26285	1.00	1.00	1.00	A8A63001DL DF10 AW8001593	8 Sep 2008	18:07
X26286	1.00	1.00	1.00	A8A63002DL DF20 AW8001594	8 Sep 2008	18:29
X26287	1.00	1.00	1.00	A8A63003DL DF50 AW8001594	8 Sep 2008	18:52
X26288	1.00	1.00	1.00	A8A63007DL DF100 AW800159	8 Sep 2008	19:15
X26289	1.00	1.00	1.00	A8A63011DL DF2 AW80015950	8 Sep 2008	19:38
X26290	1.00	1.00	1.00	A8A63016DL DF5 AW80015957	8 Sep 2008	20:01
X26291	1.00	1.00	1.00	A8A63017 AW80015958	8 Sep 2008	20:24

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0619.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\090808\X26269.D
Injection Date : 8 Sep 2008
Injection Time : 10:50
Sample Directory : D:\DATA\090808\
Log Time Period (hrs) : ALL
Total files within period : 27

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26292	1.00	1.00	1.00	A8A71302 AW80015959	8 Sep 2008	20:47
X26293	1.00	1.00	1.00	A8A71802 AW80015960	8 Sep 2008	21:10
X26294	1.00	1.00	1.00	A8A59506DL DF5 AW80015873	8 Sep 2008	21:33
X26295	1.00	1.00	1.00	A8A59507DL DF10 AW8001587	8 Sep 2008	21:55
X26296	1.00	1.00	1.00	A8A59508DL DF20 AW8001587	8 Sep 2008	22:18

Metals Data

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY02-227 SDG No.: A475

Lab Code: TALBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
90 CANAL ST. SUMP-WATER	A8A62901-WATER
DUP082808	A8A62905
EB 082908-WATER	A8A71302-WATER
EB 090208-WATER	A8A71802-WATER
EB082508-WATER	A8A47508-WATER
EB082608-WATER	A8A47509-WATER
EB082808-WATER	A8A62902-WATER
MW-8 S2 4-6	A8A71301
MW-9 S3,4-5	A8A71801
MW-9 S3,4-5\MS	A8A71801MS
MW-9 S3,4-5\SD	A8A71801SD
SB-20-S1(4-6)	A8A47507
SB-21 S1-0.5-2.5	A8A62903
SB-21 S4-6.5-8.5	A8A62904
TP1-S1(10-11)	A8A47501
TP1-S1(10-11)\MS	A8A47501MS
TP1-S1(10-11)\SD	A8A47501SD

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Name: Paul Morrow

Date: Title: Project Manager

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY02-227 SDG No.: A475

Lab Code: TALBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
TP2-S1(1-3)	A8A47502
TP2-S2(8-10)	A8A47503
TP3-S1(4-6)	A8A47504
TP3-S2(7-9)	A8A47505
TP4-S1(8-10)	A8A47506

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Paul Morrow Name: Paul Morrow

Date: 9/27/06 Title: Project Manager

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62901-WATER **Client ID:** 90 CANAL ST. SUMP-WATER

Matrix: WATER **Date Received:** 8/29/2008 **Date Collected:** 8/27/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21615 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**1320**	**ug/L**			**190**	190	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Arsenic		**13.0**	**ug/L**			**10.0**	10.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Barium		**455**	**ug/L**			**20.0**	20.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	19:45	SUPERTRACE2	A09040W	P
Calcium		**117000**	**ug/L**			**500**	500	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Copper		**46.7**	**ug/L**			**20.0**	20.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Iron		**3950**	**ug/L**			**100**	100	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Lead		**545**	**ug/L**			**3.0**	3.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Magnesium		**32600**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Manganese		**155**	**ug/L**			**15.0**	15.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Potassium		**12200**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:38:59	LEEMAN PS2	G09048W1	CV
Sodium		**87600**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:49	SUPERTRACE	109030Y	P
Zinc		**158**	**ug/L**			**20.0**	20.0	**1**	**9/4/2008**	**06:49**	SUPERTRACE	109030Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62905 **Client ID:** DUP082808

Matrix: SOIL **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21647 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**4050**	**mg/Kg**			**12.2**	12.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Antimony	<	7.3	mg/Kg	U		7.3	7.3	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Arsenic		**4.0**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Barium		**53.1**	**mg/Kg**			**2.4**	2.4	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Beryllium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Cadmium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Calcium		**14100**	**mg/Kg**			**60.9**	60.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Chromium		**6.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Cobalt	<	6.1	mg/Kg	U		6.1	6.1	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Copper		**22.4**	**mg/Kg**			**2.4**	2.4	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Iron		**8760**	**mg/Kg**			**12.2**	12.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Lead		**71.0**	**mg/Kg**			**0.61**	0.61	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Magnesium		**3820**	**mg/Kg**			**60.9**	60.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Manganese		**343**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Nickel		**6.3**	**mg/Kg**			**4.9**	4.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Potassium		**613**	**mg/Kg**			**244**	244	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Selenium	<	0.72	mg/Kg	U		0.72	0.72	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Mercury		**0.448**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**14:05:37**	LEEMAN PS2	G09028S1	CV
Sodium		**110**	**mg/Kg**			**60.9**	60.9	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:26	SUPERTRACE2	A09030W	P
Vanadium		**9.9**	**mg/Kg**			**6.1**	6.1	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P
Zinc		**37.4**	**mg/Kg**			**2.4**	2.4	**1**	**9/4/2008**	**05:26**	SUPERTRACE2	A09030W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71302-WATER **Client ID:** EB 082908-WATER

Matrix: WATER **Date Received:** 9/2/2008 **Date Collected:** 8/29/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21730 **Prep Date:** 9/4/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Calcium	<	500	ug/L	U		500	500	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Iron	<	100	ug/L	U		100	100	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:46:57	LEEMAN PS2	G09048W1	CV
Sodium	<	5000	ug/L	U		5000	5000	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	16:29	SUPERTRACE2	A09040W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71802-WATER **Client ID:** EB 090208-WATER

Matrix: WATER **Date Received:** 9/3/2008 **Date Collected:** 9/2/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21730 **Prep Date:** 9/4/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Calcium	<	500	ug/L	U		500	500	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Iron	<	100	ug/L	U		100	100	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:51:52	LEEMAN PS2	G09048W1	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Sodium	<	5000	ug/L	U		5000	5000	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	17:30	SUPERTRACE2	A09040W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47508-WATER **Client ID:** EB082508-WATER

Matrix: WATER **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21435 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Antimony	<	600	ug/L	U		600	600	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Calcium		**31100**	**ug/L**			**500**	500	**1**	**8/29/2008**	**18:06**	SUPERTRACE2	A08290Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Iron	<	100	ug/L	U		100	100	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Magnesium		**8310**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:06**	SUPERTRACE2	A08290Y	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Potassium	<	5000	ug/L	U		5000	5000	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	8/28/2008	20:02:32	LEEMAN PS2	H08288W1	CV
Sodium		**13700**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:06**	SUPERTRACE2	A08290Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:06	SUPERTRACE2	A08290Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47509-WATER **Client ID:** EB082608-WATER

Matrix: WATER **Date Received:** 8/27/2008 **Date Collected:** 8/26/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21435 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Antimony	<	600	ug/L	U		600	600	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Calcium		**30800**	**ug/L**			**500**	500	**1**	**8/29/2008**	**18:12**	SUPERTRACE2	A08290Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Iron	<	100	ug/L	U		100	100	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Magnesium		**8280**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:12**	SUPERTRACE2	A08290Y	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Potassium	<	5000	ug/L	U		5000	5000	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	8/28/2008	20:04:03	LEEMAN PS2	H08288W1	CV
Sodium		**13800**	**ug/L**			**5000**	5000	**1**	**8/29/2008**	**18:12**	SUPERTRACE2	A08290Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	8/29/2008	18:12	SUPERTRACE2	A08290Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62902-WATER **Client ID:** EB082808-WATER

Matrix: WATER **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B21615 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Antimony	<	600	ug/L	U		600	600	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/4/2008	19:51	SUPERTRACE2	A09040W	P
Calcium		**31700**	**ug/L**			**500**	500	**1**	**9/4/2008**	**06:54**	SUPERTRACE	109030Y	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Iron	<	100	ug/L	U		100	100	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Magnesium		**8620**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:54**	SUPERTRACE	109030Y	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/4/2008	15:40:44	LEEMAN PS2	G09048W1	CV
Sodium		**13800**	**ug/L**			**5000**	5000	**1**	**9/4/2008**	**06:54**	SUPERTRACE	109030Y	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/4/2008	06:54	SUPERTRACE	109030Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71301 **Client ID:** MW-8 S2 4-6

Matrix: SOIL **Date Received:** 9/2/2008 **Date Collected:** 8/29/2008 **Level:** LOW

% Solids: 75 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21727 **Prep Date:** 9/4/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5560**	**mg/Kg**			**12.3**	12.3	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Antimony	<	7.4	mg/Kg	U		7.4	7.4	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Arsenic		**3.8**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Barium		**51.8**	**mg/Kg**			**2.5**	2.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Beryllium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Cadmium	<	0.61	mg/Kg	U		0.61	0.61	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Calcium		**2900**	**mg/Kg**			**61.5**	61.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Chromium		**12.8**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Cobalt	<	6.1	mg/Kg	U		6.1	6.1	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Copper		**4.3**	**mg/Kg**			**2.5**	2.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Iron		**15800**	**mg/Kg**			**12.3**	12.3	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Lead		**60.4**	**mg/Kg**			**0.61**	0.61	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Magnesium		**1830**	**mg/Kg**			**61.5**	61.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Manganese		**531**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Nickel		**7.7**	**mg/Kg**			**4.9**	4.9	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Potassium		**850**	**mg/Kg**			**246**	246	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Selenium	<	0.73	mg/Kg	U		0.73	0.73	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Mercury		**0.067**	**mg/Kg**			**0.006**	0.006	**1**	**9/5/2008**	**13:32:31**	LEEMAN PS2	H09058S1	CV
Sodium		**90.2**	**mg/Kg**			**61.5**	61.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	20:16	SUPERTRACE	109040W	P
Vanadium		**16.9**	**mg/Kg**			**6.1**	6.1	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P
Zinc		**166**	**mg/Kg**			**2.5**	2.5	**1**	**9/4/2008**	**20:16**	SUPERTRACE	109040W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A71801 **Client ID:** MW-9 S3,4-5

Matrix: SOIL **Date Received:** 9/3/2008 **Date Collected:** 9/2/2008 **Level:** LOW

% Solids: 87 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21763 **Prep Date:** 9/5/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5360**	**mg/Kg**		**N**	**11.7**	11.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Antimony	<	7.0	mg/Kg	U	N	7.0	7.0	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Arsenic		**2.8**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Barium		**30.4**	**mg/Kg**		**E**	**2.3**	2.3	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Beryllium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Cadmium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Calcium		**17700**	**mg/Kg**		**E**	**58.7**	58.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Chromium		**7.1**	**mg/Kg**		**E**	**1.2**	1.2	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Cobalt	<	5.9	mg/Kg	U		5.9	5.9	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Copper		**8.8**	**mg/Kg**		**E**	**2.3**	2.3	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Iron		**9920**	**mg/Kg**			**11.7**	11.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Lead		**5.0**	**mg/Kg**			**0.59**	0.59	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Magnesium		**4750**	**mg/Kg**		**NE**	**58.7**	58.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Manganese		**372**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Nickel		**7.3**	**mg/Kg**		**E**	**4.7**	4.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Potassium		**1010**	**mg/Kg**		**E**	**235**	235	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Selenium	<	0.69	mg/Kg	U		0.69	0.69	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Mercury		**0.010**	**mg/Kg**			**0.005**	0.005	**1**	**9/5/2008**	**13:47:51**	LEEMAN PS2	H09058S1	CV
Sodium		**132**	**mg/Kg**			**58.7**	58.7	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	15:34	SUPERTRACE	109050Y	P
Vanadium		**11.1**	**mg/Kg**		**E**	**5.9**	5.9	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P
Zinc		**25.2**	**mg/Kg**			**2.3**	2.3	**1**	**9/5/2008**	**15:34**	SUPERTRACE	109050Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47507 **Client ID:** SB-20-S1(4-6)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/26/2008 **Level:** LOW

% Solids: 82 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**4550**	**mg/Kg**			**13.2**	13.2	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Antimony	<	7.9	mg/Kg	U		7.9	7.9	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Arsenic		**3.0**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Barium		**53.8**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Beryllium	<	0.66	mg/Kg	U		0.66	0.66	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Cadmium	<	0.66	mg/Kg	U		0.66	0.66	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Calcium		**37100**	**mg/Kg**			**65.8**	65.8	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Chromium		**7.9**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Cobalt	<	6.6	mg/Kg	U		6.6	6.6	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Copper		**81.7**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Iron		**8880**	**mg/Kg**			**13.2**	13.2	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Lead		**53.5**	**mg/Kg**			**0.66**	0.66	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Magnesium		**9710**	**mg/Kg**			**65.8**	65.8	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Manganese		**299**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Nickel		**8.1**	**mg/Kg**			**5.3**	5.3	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Potassium		**1100**	**mg/Kg**			**263**	263	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Selenium	<	0.78	mg/Kg	U		0.78	0.78	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Silver	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Mercury		**0.007**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**13:43:59**	LEEMAN PS2	G09028S1	CV
Sodium		**285**	**mg/Kg**			**65.8**	65.8	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Thallium	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	13:00	SUPERTRACE2	A090208	P
Vanadium		**10.8**	**mg/Kg**			**6.6**	6.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P
Zinc		**49.1**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**13:00**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62903 **Client ID:** SB-21 S1-0.5-2.5

Matrix: SOIL **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: 88 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21647 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5740**	**mg/Kg**			**11.4**	11.4	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Antimony	<	6.8	mg/Kg	U		6.8	6.8	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Arsenic		**4.7**	**mg/Kg**			**1.1**	1.1	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Barium		**61.7**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Beryllium	<	0.57	mg/Kg	U		0.57	0.57	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Cadmium	<	0.57	mg/Kg	U		0.57	0.57	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Calcium		**28500**	**mg/Kg**			**57.0**	57.0	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Chromium		**8.0**	**mg/Kg**			**1.1**	1.1	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Cobalt	<	5.7	mg/Kg	U		5.7	5.7	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Copper		**26.7**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Iron		**12700**	**mg/Kg**			**11.4**	11.4	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Lead		**167**	**mg/Kg**			**0.57**	0.57	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Magnesium		**7910**	**mg/Kg**			**57.0**	57.0	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Manganese		**363**	**mg/Kg**			**1.1**	1.1	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Nickel		**9.4**	**mg/Kg**			**4.6**	4.6	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Potassium		**945**	**mg/Kg**			**228**	228	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Selenium	<	0.67	mg/Kg	U		0.67	0.67	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Silver	<	1.1	mg/Kg	U		1.1	1.1	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Mercury		**0.300**	**mg/Kg**			**0.005**	0.005	**1**	**9/2/2008**	**14:04:13**	LEEMAN PS2	G09028S1	CV
Sodium		**184**	**mg/Kg**			**57.0**	57.0	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Thallium	<	1.1	mg/Kg	U		1.1	1.1	1	9/4/2008	05:15	SUPERTRACE2	A09030W	P
Vanadium		**13.4**	**mg/Kg**			**5.7**	5.7	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P
Zinc		**69.5**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:15**	SUPERTRACE2	A09030W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A62904 **Client ID:** SB-21 S4-6.5-8.5

Matrix: SOIL **Date Received:** 8/29/2008 **Date Collected:** 8/28/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21647 **Prep Date:** 9/3/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5910**	**mg/Kg**			**11.6**	11.6	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Antimony	<	6.9	mg/Kg	U		6.9	6.9	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Arsenic		**5.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Barium		**64.7**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Beryllium	<	0.58	mg/Kg	U		0.58	0.58	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Cadmium	<	0.58	mg/Kg	U		0.58	0.58	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Calcium		**14400**	**mg/Kg**			**57.9**	57.9	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Chromium		**14.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Cobalt	<	5.8	mg/Kg	U		5.8	5.8	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Copper		**62.8**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Iron		**12100**	**mg/Kg**			**11.6**	11.6	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Lead		**107**	**mg/Kg**			**0.58**	0.58	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Magnesium		**4360**	**mg/Kg**			**57.9**	57.9	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Manganese		**354**	**mg/Kg**			**1.2**	1.2	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Nickel		**10.8**	**mg/Kg**			**4.6**	4.6	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Potassium		**853**	**mg/Kg**			**232**	232	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Selenium	<	0.68	mg/Kg	U		0.68	0.68	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Mercury		**0.320**	**mg/Kg**			**0.005**	0.005	**1**	**9/11/2008**	**13:14:23**	LEEMAN PS2	H09118S1	CV
Sodium		**193**	**mg/Kg**			**57.9**	57.9	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/4/2008	05:20	SUPERTRACE2	A09030W	P
Vanadium		**13.8**	**mg/Kg**			**5.8**	5.8	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P
Zinc		**65.1**	**mg/Kg**			**2.3**	2.3	**1**	**9/4/2008**	**05:20**	SUPERTRACE2	A09030W	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47501 **Client ID:** TP1-S1(10-11)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 81 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**6550**	**mg/Kg**			**13.6**	13.6	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Antimony	<	8.1	mg/Kg	U		8.1	8.1	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Arsenic		**3.1**	**mg/Kg**			**1.4**	1.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Barium		**52.8**	**mg/Kg**			**2.7**	2.7	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Beryllium	<	0.68	mg/Kg	U		0.68	0.68	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Cadmium	<	0.68	mg/Kg	U		0.68	0.68	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Calcium		**14300**	**mg/Kg**			**67.8**	67.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Chromium		**7.6**	**mg/Kg**			**1.4**	1.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Cobalt	<	6.8	mg/Kg	U		6.8	6.8	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Copper		**13.4**	**mg/Kg**			**2.7**	2.7	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Iron		**11700**	**mg/Kg**			**13.6**	13.6	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Lead		**25.1**	**mg/Kg**			**0.68**	0.68	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Magnesium		**4230**	**mg/Kg**			**67.8**	67.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Manganese		**325**	**mg/Kg**			**1.4**	1.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Nickel		**8.6**	**mg/Kg**			**5.4**	5.4	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Potassium		**1450**	**mg/Kg**			**271**	271	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Selenium	<	0.80	mg/Kg	U		0.80	0.80	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Silver	<	1.4	mg/Kg	U		1.4	1.4	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Mercury		**0.054**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**14:20:39**	LEEMAN PS2	G09028S1	CV
Sodium		**161**	**mg/Kg**			**67.8**	67.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Thallium	<	1.4	mg/Kg	U		1.4	1.4	1	9/2/2008	12:28	SUPERTRACE2	A090208	P
Vanadium		**13.6**	**mg/Kg**			**6.8**	6.8	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P
Zinc		**50.0**	**mg/Kg**			**2.7**	2.7	**1**	**9/2/2008**	**12:28**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47502 **Client ID:** TP2-S1(1-3)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 67 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**10500**	**mg/Kg**			**15.9**	15.9	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Antimony	<	9.5	mg/Kg	U		9.5	9.5	1	9/2/2008	12:33	SUPERTRACE2	A090208	P
Arsenic		**67.9**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Barium		**288**	**mg/Kg**			**3.2**	3.2	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Beryllium		**0.88**	**mg/Kg**			**0.80**	0.80	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Cadmium		**1.3**	**mg/Kg**			**0.80**	0.80	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Calcium		**23900**	**mg/Kg**			**79.6**	79.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Chromium		**18.0**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Cobalt		**8.9**	**mg/Kg**			**8.0**	8.0	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Copper		**204**	**mg/Kg**			**3.2**	3.2	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Iron		**25700**	**mg/Kg**			**15.9**	15.9	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Lead		**731**	**mg/Kg**			**0.80**	0.80	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Magnesium		**8820**	**mg/Kg**			**79.6**	79.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Manganese		**517**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Nickel		**23.6**	**mg/Kg**			**6.4**	6.4	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Potassium		**1400**	**mg/Kg**			**318**	318	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Selenium	<	0.94	mg/Kg	U		0.94	0.94	1	9/2/2008	12:33	SUPERTRACE2	A090208	P
Silver		**1.6**	**mg/Kg**			**1.6**	1.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Mercury		**5.8**	**mg/Kg**			**0.144**	0.144	**20**	**9/2/2008**	**14:35:31**	LEEMAN PS2	G09028S1	CV
Sodium		**188**	**mg/Kg**			**79.6**	79.6	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Thallium	<	1.6	mg/Kg	U		1.6	1.6	1	9/2/2008	12:33	SUPERTRACE2	A090208	P
Vanadium		**32.8**	**mg/Kg**			**8.0**	8.0	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P
Zinc		**271**	**mg/Kg**			**3.2**	3.2	**1**	**9/2/2008**	**12:33**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47503 **Client ID:** TP2-S2(8-10)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**3490**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Antimony	<	7.8	mg/Kg	U		7.8	7.8	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Arsenic		**1.9**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Barium		**29.6**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Beryllium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Cadmium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Calcium		**31200**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Chromium		**5.0**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Cobalt	<	6.5	mg/Kg	U		6.5	6.5	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Copper		**11.2**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Iron		**6890**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Lead		**8.1**	**mg/Kg**			**0.65**	0.65	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Magnesium		**6310**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Manganese		**337**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Nickel		**5.2**	**mg/Kg**			**5.2**	5.2	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Potassium		**777**	**mg/Kg**			**261**	261	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Selenium	<	0.77	mg/Kg	U		0.77	0.77	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Silver	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Mercury		**0.169**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**14:31:04**	LEEMAN PS2	G09028S1	CV
Sodium		**140**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Thallium	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:39	SUPERTRACE2	A090208	P
Vanadium		**8.0**	**mg/Kg**			**6.5**	6.5	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P
Zinc		**20.1**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:39**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47504 **Client ID:** TP3-S1(4-6)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 89 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5540**	**mg/Kg**			**11.9**	11.9	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Antimony	<	7.1	mg/Kg	U		7.1	7.1	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Arsenic		**3.1**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Barium		**30.2**	**mg/Kg**			**2.4**	2.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Beryllium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Cadmium	<	0.59	mg/Kg	U		0.59	0.59	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Calcium		**25200**	**mg/Kg**			**59.4**	59.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Chromium		**6.9**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Cobalt	<	5.9	mg/Kg	U		5.9	5.9	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Copper		**11.4**	**mg/Kg**			**2.4**	2.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Iron		**11300**	**mg/Kg**			**11.9**	11.9	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Lead		**8.5**	**mg/Kg**			**0.59**	0.59	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Magnesium		**6930**	**mg/Kg**			**59.4**	59.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Manganese		**412**	**mg/Kg**			**1.2**	1.2	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Nickel		**9.1**	**mg/Kg**			**4.8**	4.8	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Potassium		**840**	**mg/Kg**			**238**	238	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Selenium	<	0.70	mg/Kg	U		0.70	0.70	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Silver	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Mercury		**0.011**	**mg/Kg**			**0.005**	0.005	**1**	**9/2/2008**	**13:39:13**	LEEMAN PS2	G09028S1	CV
Sodium		**110**	**mg/Kg**			**59.4**	59.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Thallium	<	1.2	mg/Kg	U		1.2	1.2	1	9/5/2008	14:16	SUPERTRACE	109050Y	P
Vanadium		**12.0**	**mg/Kg**			**5.9**	5.9	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P
Zinc		**27.6**	**mg/Kg**			**2.4**	2.4	**1**	**9/5/2008**	**14:16**	SUPERTRACE	109050Y	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47505 **Client ID:** TP3-S2(7-9)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 85 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**4780**	**mg/Kg**			**11.5**	11.5	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Antimony	<	6.9	mg/Kg	U		6.9	6.9	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Arsenic		**2.1**	**mg/Kg**			**1.1**	1.1	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Barium		**28.5**	**mg/Kg**			**2.3**	2.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Beryllium	<	0.57	mg/Kg	U		0.57	0.57	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Cadmium	<	0.57	mg/Kg	U		0.57	0.57	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Calcium		**26200**	**mg/Kg**			**57.3**	57.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Chromium		**5.4**	**mg/Kg**			**1.1**	1.1	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Cobalt	<	5.7	mg/Kg	U		5.7	5.7	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Copper		**8.9**	**mg/Kg**			**2.3**	2.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Iron		**8550**	**mg/Kg**			**11.5**	11.5	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Lead		**7.3**	**mg/Kg**			**0.57**	0.57	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Magnesium		**5960**	**mg/Kg**			**57.3**	57.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Manganese		**294**	**mg/Kg**			**1.1**	1.1	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Nickel		**6.2**	**mg/Kg**			**4.6**	4.6	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Potassium		**886**	**mg/Kg**			**229**	229	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Selenium	<	0.68	mg/Kg	U		0.68	0.68	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Silver	<	1.1	mg/Kg	U		1.1	1.1	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Mercury		**0.597**	**mg/Kg**			**0.006**	0.006	**1**	**9/2/2008**	**13:40:49**	LEEMAN PS2	G09028S1	CV
Sodium		**141**	**mg/Kg**			**57.3**	57.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Thallium	<	1.1	mg/Kg	U		1.1	1.1	1	9/2/2008	12:50	SUPERTRACE2	A090208	P
Vanadium		**10.3**	**mg/Kg**			**5.7**	5.7	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P
Zinc		**21.8**	**mg/Kg**			**2.3**	2.3	**1**	**9/2/2008**	**12:50**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** A475 **Method Type:**

Sample ID: A8A47506 **Client ID:** TP4-S1(8-10)

Matrix: SOIL **Date Received:** 8/27/2008 **Date Collected:** 8/25/2008 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A8B21419 **Prep Date:** 8/29/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**5740**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Antimony	<	7.8	mg/Kg	U		7.8	7.8	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Arsenic		**4.4**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Barium		**62.8**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Beryllium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Cadmium	<	0.65	mg/Kg	U		0.65	0.65	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Calcium		**21800**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Chromium		**9.2**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Cobalt	<	6.5	mg/Kg	U		6.5	6.5	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Copper		**22.2**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Iron		**14200**	**mg/Kg**			**13.1**	13.1	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Lead		**84.9**	**mg/Kg**			**0.65**	0.65	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Magnesium		**5380**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Manganese		**763**	**mg/Kg**			**1.3**	1.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Nickel		**8.0**	**mg/Kg**			**5.2**	5.2	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Potassium		**1050**	**mg/Kg**			**261**	261	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Selenium	<	0.77	mg/Kg	U		0.77	0.77	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Silver	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Mercury		**0.200**	**mg/Kg**			**0.005**	0.005	**1**	**9/2/2008**	**13:42:17**	LEEMAN PS2	G09028S1	CV
Sodium		**163**	**mg/Kg**			**65.3**	65.3	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Thallium	<	1.3	mg/Kg	U		1.3	1.3	1	9/2/2008	12:55	SUPERTRACE2	A090208	P
Vanadium		**17.9**	**mg/Kg**			**6.5**	6.5	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P
Zinc		**41.5**	**mg/Kg**			**2.6**	2.6	**1**	**9/2/2008**	**12:55**	SUPERTRACE2	A090208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18745.52	100	25000.0	24637.56	99	24607.29	98	P
Antimony	375.0	379.14	101	500.0	496.07	99	493.98	99	P
Arsenic	375.0	374.19	100	500.0	493.52	99	494.65	99	P
Barium	375.0	375.77	100	500.0	496.43	99	493.73	99	P
Beryllium	375.0	376.49	100	500.0	498.60	100	498.84	100	P
Calcium	18750.0	18464.72	98	25000.0	24316.12	97	24399.51	98	P
Chromium	375.0	375.22	100	500.0	495.18	99	495.96	99	P
Cobalt	375.0	376.33	100	500.0	495.47	99	496.92	99	P
Copper	375.0	375.38	100	500.0	497.39	99	495.67	99	P
Iron	18750.0	18755.08	100	25000.0	24601.61	98	24671.15	99	P
Lead	375.0	376.02	100	500.0	493.85	99	497.00	99	P
Magnesium	18750.0	18350.25	98	25000.0	24127.52	97	24251.85	97	P
Manganese	375.0	376.63	100	500.0	495.61	99	496.89	99	P
Nickel	375.0	374.78	100	500.0	493.23	99	495.50	99	P
Potassium	18750.0	18638.29	99	25000.0	24361.00	97	24295.17	97	P
Selenium	375.0	380.59	101	500.0	496.97	99	501.96	100	P
Silver	375.0	376.65	100	500.0	500.15	100	499.34	100	P
Sodium	18750.0	18505.56	99	25000.0	24450.36	98	24277.21	97	P
Thallium	375.0	375.02	100	500.0	491.23	98	492.20	98	P
Vanadium	375.0	376.02	100	500.0	495.29	99	494.84	99	P
Zinc	375.0	377.56	101	500.0	494.43	99	500.07	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24626.81	99	24694.51	99	P
Antimony				500.0	487.42	97	485.86	97	P
Arsenic				500.0	499.80	100	494.30	99	P
Barium				500.0	492.00	98	495.06	99	P
Beryllium				500.0	515.45	103	510.05	102	P
Calcium				25000.0	24629.95	99	24508.11	98	P
Chromium				500.0	502.05	100	498.37	100	P
Cobalt				500.0	503.74	101	501.13	100	P
Copper				500.0	495.52	99	500.14	100	P
Iron				25000.0	24707.51	99	24695.70	99	P
Lead				500.0	504.51	101	499.80	100	P
Magnesium				25000.0	24971.41	100	24534.92	98	P
Manganese				500.0	507.97	102	499.72	100	P
Nickel				500.0	498.19	100	496.92	99	P
Potassium				25000.0	24174.78	97	24240.70	97	P
Selenium				500.0	502.99	101	501.55	100	P
Silver				500.0	499.31	100	502.52	101	P
Sodium				25000.0	23891.40	96	24339.01	97	P
Thallium				500.0	478.39	96	478.57	96	P
Vanadium				500.0	495.11	99	495.91	99	P
Zinc				500.0	515.41	103	501.41	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	26667.87	107			P
Antimony				500.0	522.89	105			P
Arsenic				500.0	534.70	107			P
Barium				500.0	533.52	107			P
Beryllium				500.0	556.58	111			P
Calcium				25000.0	26485.83	106			P
Chromium				500.0	538.43	108			P
Cobalt				500.0	545.40	109			P
Copper				500.0	539.13	108			P
Iron				25000.0	26770.45	107			P
Lead				500.0	543.51	109			P
Magnesium				25000.0	26667.14	107			P
Manganese				500.0	543.16	109			P
Nickel				500.0	535.91	107			P
Potassium				25000.0	25635.24	103			P
Selenium				500.0	543.61	109			P
Silver				500.0	540.78	108			P
Sodium				25000.0	26143.73	105			P
Thallium				500.0	522.78	105			P
Vanadium				500.0	534.09	107			P
Zinc				500.0	543.99	109			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18817.91	100	25000.0	24756.13	99	24248.80	97	P
Antimony	375.0	397.30	106	500.0	528.44	106	514.17	103	P
Arsenic	375.0	375.48	100	500.0	505.01	101	492.38	98	P
Barium	375.0	376.62	100	500.0	493.34	99	479.36	96	P
Beryllium	375.0	376.13	100	500.0	507.22	101	490.10	98	P
Cadmium	375.0	378.67	101	500.0	524.14	105	508.10	102	P
Calcium	18750.0	18856.16	101	25000.0	25684.26	103	24888.89	100	P
Chromium	375.0	390.68	104	500.0	531.96	106	515.63	103	P
Cobalt	375.0	375.39	100	500.0	510.18	102	494.22	99	P
Copper	375.0	376.74	100	500.0	492.98	99	480.50	96	P
Iron	18750.0	18944.15	101	25000.0	25826.99	103	25038.08	100	P
Lead	375.0	383.09	102	500.0	521.23	104	505.47	101	P
Magnesium	18750.0	18853.75	101	25000.0	25312.89	101	24609.72	98	P
Manganese	375.0	386.50	103	500.0	519.77	104	504.23	101	P
Nickel	375.0	381.55	102	500.0	518.47	104	503.74	101	P
Potassium	18750.0	18260.08	97	25000.0	24412.28	98	24004.71	96	P
Selenium	375.0	387.77	103	500.0	527.41	105	513.01	103	P
Silver	375.0	382.17	102	500.0	501.71	100	489.11	98	P
Sodium	18750.0	18309.52	98	25000.0	23765.98	95	23531.62	94	P
Thallium	375.0	380.55	101	500.0	523.21	105	517.05	103	P
Vanadium	375.0	379.71	101	500.0	511.70	102	497.08	99	P
Zinc	375.0	378.49	101	500.0	522.84	105	504.77	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24238.05	97	24216.49	97	P
Antimony				500.0	510.76	102	513.39	103	P
Arsenic				500.0	493.20	99	488.48	98	P
Barium				500.0	483.65	97	476.60	95	P
Beryllium				500.0	494.50	99	488.56	98	P
Cadmium				500.0	500.78	100	507.92	102	P
Calcium				25000.0	24883.26	100	24739.56	99	P
Chromium				500.0	518.55	104	516.07	103	P
Cobalt				500.0	494.31	99	494.61	99	P
Copper				500.0	484.57	97	479.22	96	P
Iron				25000.0	24858.13	99	24949.35	100	P
Lead				500.0	503.69	101	503.56	101	P
Magnesium				25000.0	24812.85	99	24616.96	98	P
Manganese				500.0	505.02	101	503.79	101	P
Nickel				500.0	504.71	101	503.10	101	P
Potassium				25000.0	22239.87	89	24045.08	96	P
Selenium				500.0	505.85	101	514.64	103	P
Silver				500.0	492.85	99	489.10	98	P
Sodium				25000.0	23468.79	94	23375.58	94	P
Thallium				500.0	502.14	100	514.41	103	P
Vanadium				500.0	496.11	99	496.05	99	P
Zinc				500.0	512.82	103	508.10	102	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24073.86	96	23918.28	96	P
Antimony				500.0	510.17	102	507.25	101	P
Arsenic				500.0	493.71	99	491.12	98	P
Barium				500.0	481.83	96	483.75	97	P
Beryllium				500.0	495.98	99	502.08	100	P
Cadmium				500.0	499.75	100	499.14	100	P
Calcium				25000.0	24769.18	99	24737.83	99	P
Chromium				500.0	517.72	104	519.89	104	P
Cobalt				500.0	494.40	99	495.72	99	P
Copper				500.0	482.22	96	483.24	97	P
Iron				25000.0	24710.13	99	24641.92	99	P
Lead				500.0	502.99	101	505.87	101	P
Magnesium				25000.0	24798.13	99	24872.25	99	P
Manganese				500.0	516.57	103	501.54	100	P
Nickel				500.0	504.58	101	506.17	101	P
Potassium				25000.0	22046.72	88	21753.83	87	P
Selenium				500.0	507.37	101	505.26	101	P
Silver				500.0	490.91	98	490.71	98	P
Sodium				25000.0	23527.65	94	23373.88	93	P
Thallium				500.0	498.83	100	489.85	98	P
Vanadium				500.0	495.16	99	494.08	99	P
Zinc				500.0	517.53	104	523.22	105	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	23809.47	95	23842.21	95	P
Antimony				500.0	512.64	103	507.59	102	P
Arsenic				500.0	496.41	99	498.22	100	P
Barium				500.0	472.53	95	474.51	95	P
Beryllium				500.0	502.38	100	507.16	101	P
Cadmium				500.0	509.36	102	506.44	101	P
Calcium				25000.0	24856.70	99	24946.79	100	P
Chromium				500.0	520.60	104	522.01	104	P
Cobalt				500.0	498.79	100	499.48	100	P
Copper				500.0	476.37	95	477.60	96	P
Iron				25000.0	24928.64	100	24958.70	100	P
Lead				500.0	507.99	102	508.45	102	P
Magnesium				25000.0	24982.54	100	24980.67	100	P
Manganese				500.0	503.64	101	505.17	101	P
Nickel				500.0	509.96	102	510.66	102	P
Potassium				25000.0	23810.11	95	23734.36	95	P
Selenium				500.0	514.71	103	513.63	103	P
Silver				500.0	485.25	97	486.05	97	P
Sodium				25000.0	22996.95	92	22914.79	92	P
Thallium				500.0	514.18	103	500.99	100	P
Vanadium				500.0	495.70	99	495.24	99	P
Zinc				500.0	524.63	105	523.80	105	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18899.81	101	25000.0	24300.02	97	25112.04	100	P
Antimony	375.0	396.29	106	500.0	497.26	99	510.80	102	P
Arsenic	375.0	375.55	100	500.0	485.51	97	506.77	101	P
Barium	375.0	378.70	101	500.0	485.84	97	505.46	101	P
Beryllium	375.0	389.66	104	500.0	501.39	100	525.24	105	P
Cadmium	375.0	382.52	102	500.0	493.28	99	507.16	101	P
Calcium	18750.0	19458.48	104	25000.0	25200.15	101	25902.95	104	P
Chromium	375.0	397.58	106	500.0	511.72	102	530.87	106	P
Cobalt	375.0	380.36	101	500.0	491.11	98	507.10	101	P
Copper	375.0	383.48	102	500.0	492.67	99	512.50	102	P
Iron	18750.0	19149.97	102	25000.0	24692.65	99	25564.64	102	P
Lead	375.0	388.61	104	500.0	502.66	101	517.03	103	P
Magnesium	18750.0	19612.28	105	25000.0	25248.90	101	26271.85	105	P
Manganese	375.0	391.45	104	500.0	512.13	102	532.28	106	P
Nickel	375.0	389.01	104	500.0	501.24	100	518.71	104	P
Potassium	18750.0	19382.85	103	25000.0	25180.34	101	26374.19	105	P
Selenium	375.0	388.66	104	500.0	505.23	101	516.63	103	P
Silver	375.0	384.54	103	500.0	499.25	100	515.22	103	P
Sodium	18750.0	18968.60	101	25000.0	24257.89	97	25182.68	101	P
Thallium	375.0	385.17	103	500.0	488.86	98	502.59	101	P
Vanadium	375.0	383.35	102	500.0	493.50	99	509.41	102	P
Zinc	375.0	392.30	105	500.0	502.59	101	521.54	104	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25060.35	100	24292.72	97	P
Antimony				500.0	509.99	102	491.50	98	P
Arsenic				500.0	503.43	101	486.38	97	P
Barium				500.0	505.13	101	488.34	98	P
Beryllium				500.0	523.71	105	502.84	101	P
Cadmium				500.0	504.03	101	489.95	98	P
Calcium				25000.0	25768.10	103	24970.87	100	P
Chromium				500.0	528.27	106	512.22	102	P
Cobalt				500.0	505.59	101	490.17	98	P
Copper				500.0	512.62	103	496.51	99	P
Iron				25000.0	25421.29	102	24635.63	99	P
Lead				500.0	516.85	103	500.10	100	P
Magnesium				25000.0	26230.01	105	25190.74	101	P
Manganese				500.0	531.15	106	511.21	102	P
Nickel				500.0	515.35	103	501.33	100	P
Potassium				25000.0	26257.53	105	25369.42	101	P
Selenium				500.0	520.69	104	501.29	100	P
Silver				500.0	516.57	103	501.25	100	P
Sodium				25000.0	25138.12	101	24495.17	98	P
Thallium				500.0	497.96	100	491.46	98	P
Vanadium				500.0	507.89	102	493.89	99	P
Zinc				500.0	517.35	103	500.16	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25065.26	100			P
Antimony				500.0	513.60	103			P
Arsenic				500.0	504.98	101			P
Barium				500.0	509.37	102			P
Beryllium				500.0	531.67	106			P
Cadmium				500.0	508.57	102			P
Calcium				25000.0	26036.01	104			P
Chromium				500.0	535.99	107			P
Cobalt				500.0	509.89	102			P
Copper				500.0	515.30	103			P
Iron				25000.0	25686.31	103			P
Lead				500.0	521.68	104			P
Magnesium				25000.0	26564.19	106			P
Manganese				500.0	536.49	107			P
Nickel				500.0	523.97	105			P
Potassium				25000.0	26711.28	107			P
Selenium				500.0	521.67	104			P
Silver				500.0	517.75	104			P
Sodium				25000.0	25216.74	101			P
Thallium				500.0	500.68	100			P
Vanadium				500.0	512.25	102			P
Zinc				500.0	528.23	106			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18449.53	98	25000.0	24487.25	98	24554.00	98	P
Antimony	375.0	379.74	101	500.0	502.75	101	505.23	101	P
Arsenic	375.0	363.84	97	500.0	489.24	98	489.63	98	P
Barium	375.0	371.77	99	500.0	492.92	99	494.59	99	P
Beryllium	375.0	370.35	99	500.0	493.31	99	492.43	98	P
Cadmium	375.0	370.05	99	500.0	491.80	98	490.23	98	P
Calcium	18750.0	18446.99	98	25000.0	24506.13	98	24499.91	98	P
Chromium	375.0	371.36	99	500.0	494.89	99	493.72	99	P
Cobalt	375.0	370.53	99	500.0	493.78	99	493.49	99	P
Copper	375.0	369.65	99	500.0	493.52	99	494.32	99	P
Iron	18750.0	18548.80	99	25000.0	24722.72	99	24674.91	99	P
Lead	375.0	370.72	99	500.0	491.77	98	491.00	98	P
Magnesium	18750.0	18361.35	98	25000.0	24247.23	97	24406.51	98	P
Manganese	375.0	370.78	99	500.0	493.75	99	492.18	98	P
Nickel	375.0	370.89	99	500.0	491.99	98	490.28	98	P
Potassium	18750.0	18862.60	101	25000.0	25077.10	100	25079.01	100	P
Selenium	375.0	368.44	98	500.0	492.62	99	493.42	99	P
Silver	375.0	370.89	99	500.0	495.26	99	494.75	99	P
Sodium	18750.0	18371.05	98	25000.0	24401.28	98	24495.08	98	P
Thallium	375.0	368.82	98	500.0	485.58	97	490.62	98	P
Vanadium	375.0	371.49	99	500.0	494.55	99	496.72	99	P
Zinc	375.0	373.37	100	500.0	493.55	99	491.99	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24600.51	98	24723.25	99	P
Antimon				500.0	502.12	100	511.71	102	P
Arsenic				500.0	487.29	97	495.51	99	P
Barium				500.0	497.21	99	502.07	100	P
Beryllium				500.0	490.93	98	492.12	98	P
Cadmium				500.0	485.68	97	488.78	98	P
Calcium				25000.0	24434.57	98	24673.70	99	P
Chromium				500.0	491.10	98	491.88	98	P
Cobalt				500.0	489.61	98	493.50	99	P
Copper				500.0	494.54	99	497.87	100	P
Iron				25000.0	24488.65	98	24634.62	99	P
Lead				500.0	489.40	98	495.64	99	P
Magnesium				25000.0	24183.30	97	24451.38	98	P
Manganese				500.0	488.75	98	490.64	98	P
Nickel				500.0	489.05	98	491.02	98	P
Potassium				25000.0	24918.99	100	25274.65	101	P
Selenium				500.0	487.31	97	497.66	100	P
Silver				500.0	492.80	99	493.66	99	P
Sodium				25000.0	24416.46	98	24759.48	99	P
Thallium				500.0	489.38	98	487.47	97	P
Vanadium				500.0	496.35	99	503.65	101	P
Zinc				500.0	487.86	98	493.81	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24582.03	98	24667.22	99	P
Antimony				500.0	506.70	101	516.43	103	P
Arsenic				500.0	490.57	98	497.44	99	P
Barium				500.0	496.33	99	500.40	100	P
Beryllium				500.0	488.80	98	493.64	99	P
Cadmium				500.0	487.13	97	491.86	98	P
Calcium				25000.0	24487.12	98	24824.69	99	P
Chromium				500.0	491.36	98	494.87	99	P
Cobalt				500.0	491.69	98	496.45	99	P
Copper				500.0	494.32	99	495.66	99	P
Iron				25000.0	24592.58	98	24732.45	99	P
Lead				500.0	490.15	98	501.07	100	P
Magnesium				25000.0	24338.59	97	24719.87	99	P
Manganese				500.0	489.76	98	492.20	98	P
Nickel				500.0	486.06	97	491.53	98	P
Potassium				25000.0	25291.98	101	25284.48	101	P
Selenium				500.0	487.66	98	498.15	100	P
Silver				500.0	494.02	99	493.69	99	P
Sodium				25000.0	24639.00	99	24712.03	99	P
Thallium				500.0	483.96	97	490.81	98	P
Vanadium				500.0	501.44	100	506.78	101	P
Zinc				500.0	490.49	98	498.84	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18490.61	99	25000.0	24734.61	99	24841.85	99	P
Antimony	375.0	381.45	102	500.0	507.81	102	507.74	102	P
Arsenic	375.0	373.58	100	500.0	496.59	99	497.76	100	P
Barium	375.0	370.77	99	500.0	496.10	99	496.59	99	P
Beryllium	375.0	370.83	99	500.0	495.73	99	496.10	99	P
Cadmium	375.0	372.78	99	500.0	493.41	99	496.72	99	P
Calcium	18750.0	18600.93	99	25000.0	24720.40	99	24710.01	99	P
Chromium	375.0	371.80	99	500.0	494.09	99	496.42	99	P
Cobalt	375.0	372.76	99	500.0	494.64	99	497.04	99	P
Copper	375.0	368.77	98	500.0	496.33	99	496.31	99	P
Iron	18750.0	18662.42	100	25000.0	24925.78	100	25192.50	101	P
Lead	375.0	372.75	99	500.0	494.70	99	498.07	100	P
Magnesium	18750.0	18492.64	99	25000.0	24304.71	97	24612.85	98	P
Manganese	375.0	371.94	99	500.0	494.33	99	497.11	99	P
Nickel	375.0	372.55	99	500.0	497.01	99	498.99	100	P
Potassium	18750.0	18901.70	101	25000.0	25114.26	100	25287.56	101	P
Selenium	375.0	375.33	100	500.0	496.59	99	496.71	99	P
Silver	375.0	370.62	99	500.0	495.41	99	497.59	100	P
Sodium	18750.0	18549.74	99	25000.0	24605.69	98	24861.20	99	P
Thallium	375.0	376.48	100	500.0	497.01	99	497.02	99	P
Vanadium	375.0	371.25	99	500.0	494.10	99	496.67	99	P
Zinc	375.0	375.99	100	500.0	496.17	99	499.86	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18548.35	99	25000.0	24579.86	98	24663.37	99	P
Antimony	375.0	381.38	102	500.0	487.77	98	485.68	97	P
Arsenic	375.0	368.29	98	500.0	487.82	98	486.31	97	P
Barium	375.0	374.10	100	500.0	493.47	99	492.92	99	P
Beryllium	375.0	373.10	99	500.0	494.71	99	497.36	99	P
Cadmium	375.0	371.76	99	500.0	491.72	98	496.23	99	P
Calcium	18750.0	18566.36	99	25000.0	24571.86	98	24648.65	99	P
Chromium	375.0	371.77	99	500.0	492.34	98	495.21	99	P
Cobalt	375.0	371.78	99	500.0	491.84	98	496.35	99	P
Copper	375.0	371.06	99	500.0	492.81	99	494.06	99	P
Iron	18750.0	18583.74	99	25000.0	24628.78	99	24953.99	100	P
Lead	375.0	373.90	100	500.0	488.07	98	493.05	99	P
Magnesium	18750.0	18502.02	99	25000.0	24327.52	97	24613.04	98	P
Manganese	375.0	371.45	99	500.0	492.35	98	498.75	100	P
Nickel	375.0	373.35	100	500.0	495.20	99	498.15	100	P
Potassium	18750.0	18710.50	100	25000.0	24846.72	99	25002.36	100	P
Selenium	375.0	374.78	100	500.0	487.15	97	485.67	97	P
Silver	375.0	372.79	99	500.0	498.84	100	503.69	101	P
Sodium	18750.0	18528.35	99	25000.0	24382.19	98	24423.68	98	P
Thallium	375.0	379.98	101	500.0	499.51	100	497.98	100	P
Vanadium	375.0	371.45	99	500.0	488.81	98	491.59	98	P
Zinc	375.0	374.97	100	500.0	491.59	98	494.03	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24900.84	100	24935.77	100	P
Antimony				500.0	490.68	98	489.88	98	P
Arsenic				500.0	492.60	99	492.08	98	P
Barium				500.0	493.47	99	488.57	98	P
Beryllium				500.0	504.04	101	506.09	101	P
Cadmium				500.0	502.24	100	504.42	101	P
Calcium				25000.0	25038.17	100	25084.96	100	P
Chromium				500.0	500.55	100	503.03	101	P
Cobalt				500.0	502.64	101	504.34	101	P
Copper				500.0	497.83	100	497.92	100	P
Iron				25000.0	25207.17	101	25320.44	101	P
Lead				500.0	497.58	100	499.27	100	P
Magnesium				25000.0	24987.19	100	25083.12	100	P
Manganese				500.0	502.66	101	505.57	101	P
Nickel				500.0	504.85	101	507.76	102	P
Potassium				25000.0	25135.12	101	25101.90	100	P
Selenium				500.0	498.23	100	495.35	99	P
Silver				500.0	504.64	101	506.57	101	P
Sodium				25000.0	24538.74	98	24556.68	98	P
Thallium				500.0	505.53	101	502.99	101	P
Vanadium				500.0	495.66	99	494.90	99	P
Zinc				500.0	500.74	100	503.61	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18577.49	99	25000.0	24577.80	98	24504.66	98	P
Antimony	375.0	378.56	101	500.0	492.35	98	497.06	99	P
Arsenic	375.0	373.00	99	500.0	498.08	100	501.61	100	P
Barium	375.0	373.82	100	500.0	495.09	99	496.23	99	P
Beryllium	375.0	372.91	99	500.0	494.02	99	490.85	98	P
Cadmium	375.0	372.41	99	500.0	493.21	99	490.75	98	P
Calcium	18750.0	18716.93	100	25000.0	24857.05	99	24774.94	99	P
Chromium	375.0	371.66	99	500.0	492.88	99	491.77	98	P
Cobalt	375.0	372.82	99	500.0	495.58	99	493.68	99	P
Copper	375.0	372.26	99	500.0	494.75	99	491.57	98	P
Iron	18750.0	18603.57	99	25000.0	24646.59	99	24489.04	98	P
Lead	375.0	372.91	99	500.0	496.44	99	495.54	99	P
Magnesium	18750.0	18601.59	99	25000.0	24612.31	98	24666.20	99	P
Manganese	375.0	372.09	99	500.0	493.44	99	488.28	98	P
Nickel	375.0	373.84	100	500.0	493.72	99	492.44	98	P
Potassium	18750.0	18883.24	101	25000.0	25071.94	100	24814.00	99	P
Selenium	375.0	376.05	100	500.0	498.63	100	500.68	100	P
Silver	375.0	374.06	100	500.0	498.85	100	494.27	99	P
Sodium	18750.0	18470.08	99	25000.0	24579.27	98	24461.47	98	P
Thallium	375.0	372.71	99	500.0	483.44	97	489.30	98	P
Vanadium	375.0	372.60	99	500.0	497.66	100	498.85	100	P
Zinc	375.0	375.06	100	500.0	495.97	99	494.12	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24610.05	98	24418.88	98	P
Antimony				500.0	496.75	99	500.26	100	P
Arsenic				500.0	502.44	100	498.39	100	P
Barium				500.0	498.07	100	496.59	99	P
Beryllium				500.0	490.40	98	485.28	97	P
Cadmium				500.0	491.15	98	486.16	97	P
Calcium				25000.0	24884.13	100	24664.90	99	P
Chromium				500.0	491.08	98	487.77	98	P
Cobalt				500.0	494.47	99	490.65	98	P
Copper				500.0	493.56	99	490.12	98	P
Iron				25000.0	24418.60	98	24264.53	97	P
Lead				500.0	498.78	100	493.28	99	P
Magnesium				25000.0	24851.60	99	24699.44	99	P
Manganese				500.0	488.47	98	486.45	97	P
Nickel				500.0	491.25	98	486.06	97	P
Potassium				25000.0	25049.84	100	25021.80	100	P
Selenium				500.0	506.66	101	501.11	100	P
Silver				500.0	493.90	99	492.10	98	P
Sodium				25000.0	24592.64	98	24600.62	98	P
Thallium				500.0	488.57	98	478.61	96	P
Vanadium				500.0	503.77	101	501.36	100	P
Zinc				500.0	495.20	99	492.26	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24643.68	99	24908.32	100	P
Antimony				500.0	504.37	101	513.36	103	P
Arsenic				500.0	502.42	100	516.37	103	P
Barium				500.0	500.09	100	508.54	102	P
Beryllium				500.0	487.86	98	497.78	100	P
Cadmium				500.0	483.91	97	497.02	99	P
Calcium				25000.0	24856.16	99	25345.17	101	P
Chromium				500.0	486.64	97	497.90	100	P
Cobalt				500.0	491.33	98	502.87	101	P
Copper				500.0	493.42	99	500.63	100	P
Iron				25000.0	24295.04	97	24819.07	99	P
Lead				500.0	497.86	100	508.52	102	P
Magnesium				25000.0	24720.63	99	25316.24	101	P
Manganese				500.0	485.60	97	494.91	99	P
Nickel				500.0	485.99	97	497.26	99	P
Potassium				25000.0	25076.76	100	25540.84	102	P
Selenium				500.0	500.68	100	517.82	104	P
Silver				500.0	492.12	98	499.16	100	P
Sodium				25000.0	24790.50	99	25079.87	100	P
Thallium				500.0	484.28	97	491.83	98	P
Vanadium				500.0	502.70	101	513.54	103	P
Zinc				500.0	492.01	98	507.41	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24580.66	98			P
Antimony				500.0	503.53	101			P
Arsenic				500.0	506.41	101			P
Barium				500.0	499.48	100			P
Beryllium				500.0	492.28	98			P
Cadmium				500.0	491.73	98			P
Calcium				25000.0	24977.75	100			P
Chromium				500.0	491.58	98			P
Cobalt				500.0	496.54	99			P
Copper				500.0	492.81	99			P
Iron				25000.0	24587.15	98			P
Lead				500.0	502.67	101			P
Magnesium				25000.0	25016.05	100			P
Manganese				500.0	490.11	98			P
Nickel				500.0	491.22	98			P
Potassium				25000.0	25098.20	100			P
Selenium				500.0	507.64	102			P
Silver				500.0	494.49	99			P
Sodium				25000.0	24708.00	99			P
Thallium				500.0	482.50	96			P
Vanadium				500.0	503.89	101			P
Zinc				500.0	499.83	100			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	2.98	99	2.0	2.01	100	2.00	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.02	101	2.01	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.02	101	2.00	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.00	100	2.02	101	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.04	101	2.0	2.01	100	2.02	101	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.00	100	1.99	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.10	103	2.0	2.03	102	2.05	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.05	102	2.06	103	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.00	100	2.04	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	2.95	98	2.0	1.96	98	2.00	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	1.99	100	2.00	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.04	101	2.0	1.98	99	2.03	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.03	102			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	204.53	102		
Antimony				20.0	18.51	93		
Arsenic				10.0	9.78	98		
Barium				2.0	2.17	108		
Beryllium				2.0	1.94	97		
Calcium				500.0	486.99	97		
hromium				4.0	4.56	114		
Cobalt				4.0	4.54	114		
Copper				10.0	10.15	102		
Iron				50.0	54.72	109		
Lead				5.0	4.11	82		
Magnesium				200.0	198.40	99		
Manganese				3.0	3.09	103		
Nickel				10.0	10.15	102		
Potassium				500.0	475.75	95		
Selenium				15.0	15.24	102		
Silver				3.0	3.04	101		
odium				1000.0	1029.65	103		
Thallium				20.0	19.84	99		
Vanadium				5.0	5.17	103		
Zinc				10.0	11.56	116		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	197.10	99		
Antimony				20.0	20.11	101		
Arsenic				10.0	9.61	96		
Barium				2.0	2.19	110		
Beryllium				2.0	2.07	104		
Cadmium				1.0	0.97	97		
alcium				500.0	496.63	99		
Chromium				4.0	4.62	116		
Cobalt				4.0	4.13	103		
Copper				10.0	10.53	105		
Iron				50.0	44.57	89		
Lead				5.0	6.29	126		
Magnesium				200.0	207.61	104		
Manganese				3.0	3.23	108		
Nickel				10.0	9.54	95		
Potassium				500.0	492.18	98		
Selenium				15.0	13.87	92		
Silver				3.0	3.43	114		
Sodium				1000.0	964.69	96		
Thallium				20.0	20.07	100		
Vanadium				5.0	5.61	112		
Zinc				10.0	11.03	110		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	211.99	106		
Antimony				20.0	20.68	103		
Arsenic				10.0	13.34	133		
Barium				2.0	2.03	102		
Beryllium				2.0	2.48	124		
Cadmium				1.0	0.93	93		
Calcium				500.0	514.56	103		
Chromium				4.0	4.62	116		
Cobalt				4.0	4.25	106		
Copper				10.0	9.54	95		
Iron				50.0	52.08	104		
Lead				5.0	5.06	101		
Magnesium				200.0	208.13	104		
Manganese				3.0	3.28	109		
Nickel				10.0	9.67	97		
Potassium				500.0	497.74	100		
Selenium				15.0	14.08	94		
Silver				3.0	3.52	117		
Sodium				1000.0	1085.77	109		
Thallium				20.0	20.61	103		
Vanadium				5.0	5.64	113		
Zinc				10.0	11.64	116		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	202.13	101		
Antimony				20.0	15.88	79		
Arsenic				10.0	10.69	107		
Barium				2.0	2.01	100		
Beryllium				2.0	2.06	103		
Cadmium				1.0	1.08	108		
Calcium				500.0	496.28	99		
Chromium				4.0	3.87	97		
Cobalt				4.0	3.70	92		
Copper				10.0	10.25	102		
Iron				50.0	59.90	120		
Lead				5.0	5.54	111		
Magnesium				200.0	197.23	99		
Manganese				3.0	3.06	102		
Nickel				10.0	10.26	103		
Potassium				500.0	479.15	96		
Selenium				15.0	16.77	112		
Silver				3.0	2.51	84		
Sodium				1000.0	886.30	89		
Thallium				20.0	20.09	100		
Vanadium				5.0	5.00	100		
Zinc				10.0	11.04	110		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	199.34	100		
Antimony				20.0	20.31	102		
Arsenic				10.0	11.51	115		
Barium				2.0	2.11	106		
Beryllium				2.0	2.00	100		
Cadmium				1.0	1.13	113		
Calcium				500.0	499.70	100		
Chromium				4.0	4.12	103		
Cobalt				4.0	3.56	89		
Copper				10.0	10.23	102		
Iron				50.0	52.72	105		
Lead				5.0	4.80	96		
Magnesium				200.0	206.69	103		
Manganese				3.0	3.06	102		
Nickel				10.0	9.07	91		
Potassium				500.0	493.93	99		
Selenium				15.0	14.86	99		
Silver				3.0	3.71	124		
Sodium				1000.0	1136.16	114		
Thallium				20.0	24.89	124		
Vanadium				5.0	5.07	101		
Zinc				10.0	10.65	106		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	197.85	99		
Antimony				20.0	22.25	111		
Arsenic				10.0	13.57	136		
Barium				2.0	1.97	98		
Beryllium				2.0	1.98	99		
Cadmium				1.0	0.97	97		
Calcium				500.0	494.13	99		
Chromium				4.0	3.86	96		
Cobalt				4.0	3.91	98		
Copper				10.0	10.40	104		
Iron				50.0	48.46	97		
Lead				5.0	4.32	86		
Magnesium				200.0	203.87	102		
Manganese				3.0	3.01	100		
Nickel				10.0	9.48	95		
Potassium				500.0	444.11	89		
Selenium				15.0	16.07	107		
Silver				3.0	3.02	101		
Sodium				1000.0	978.74	98		
Thallium				20.0	10.87	54		
Vanadium				5.0	4.90	98		
Zinc				10.0	10.82	108		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP Initial			CRDL Standard for ICP Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	208.24	104		
Antimony				20.0	25.12	126		
Arsenic				10.0	10.68	107		
Barium				2.0	2.11	106		
Beryllium				2.0	2.03	102		
Cadmium				1.0	1.40	140		
Calcium				500.0	504.20	101		
hromium				4.0	4.77	119		
Cobalt				4.0	4.34	108		
Copper				10.0	9.97	100		
Iron				50.0	66.39	133		
Lead				5.0	4.82	96		
Magnesium				200.0	204.84	102		
Manganese				3.0	3.04	101		
Nickel				10.0	10.41	104		
Potassium				500.0	467.71	94		
Selenium				15.0	16.13	108		
Silver				3.0	3.39	113		
Sodium				1000.0	998.80	100		
Thallium				20.0	21.36	107		
Vanadium				5.0	6.20	124		
Zinc				10.0	11.41	114		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.21	105					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.21	105					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.17	85					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.18	90					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.16	80					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.14	70					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.15	75					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.15	75					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.17	85					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.16	80					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.18	90					

Comments:

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	02:40	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	02:40	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	03:08	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	03:08	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	04:12	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	04:12	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	05:19	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	05:19	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	06:23	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	06:23	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Barium	20.000	U	20.000	20.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Copper	20.000	U	20.000	20.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Iron	100.000	U	100.000	100.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Lead	3.000	U	3.000	3.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Silver	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	07:12	SUPERTRACE	109030Y
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	07:12	SUPERTRACE	109030Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	12:53	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	12:53	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	12:53	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	13:24	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	13:24	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	13:24	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	14:27	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	14:27	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	14:27	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	15:30	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	15:30	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	15:30	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	16:26	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	16:26	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	16:26	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	17:31	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	17:31	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	17:31	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	18:34	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	18:34	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	18:34	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	19:41	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	19:41	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	19:41	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	20:45	SUPERTRACE	109040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	20:45	SUPERTRACE	109040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	20:45	SUPERTRACE	109040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	11:02	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	11:02	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	11:32	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	11:32	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	12:44	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	12:44	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	13:48	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	13:48	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	15:02	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	15:02	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Antimony	600.000	U	600.000	600.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Arsenic	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Barium	20.000	U	20.000	20.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Beryllium	5.000	U	5.000	5.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Cadmium	1.000	U	1.000	1.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Calcium	500.000	U	500.000	500.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Chromium	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Cobalt	50.000	U	50.000	50.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Copper	20.000	U	20.000	20.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Iron	100.000	U	100.000	100.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Lead	3.000	U	3.000	3.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Magnesium	5000.000	U	5000.000	5000.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Manganese	15.000	U	15.000	15.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Nickel	40.000	U	40.000	40.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Potassium	5000.000	U	5000.000	5000.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Selenium	6.100	U	6.100	6.100	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Silver	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Sodium	5000.000	U	5000.000	5000.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Thallium	10.000	U	10.000	10.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Vanadium	50.000	U	50.000	50.000	P	9/5/2008	16:07	SUPERTRACE	109050Y
	Zinc	20.000	U	20.000	20.000	P	9/5/2008	16:07	SUPERTRACE	109050Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	12:21	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	12:51	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	13:57	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	15:46	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	16:55	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	18:01	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Antimony	600.000	U	600.000	600.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Arsenic	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Barium	20.000	U	20.000	20.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Beryllium	5.000	U	5.000	5.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Cadmium	1.000	U	1.000	1.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Calcium	500.000	U	500.000	500.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Chromium	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Cobalt	50.000	U	50.000	50.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Copper	20.000	U	20.000	20.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Iron	100.000	U	100.000	100.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Lead	3.000	U	3.000	3.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U	5000.000	5000.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Manganese	15.000	U	15.000	15.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Nickel	40.000	U	40.000	40.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Potassium	5000.000	U	5000.000	5000.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Selenium	6.100	U	6.100	6.100	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Silver	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Sodium	5000.000	U	5000.000	5000.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Thallium	10.000	U	10.000	10.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Vanadium	50.000	U	50.000	50.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y
	Zinc	20.000	U	20.000	20.000	P	8/29/2008	19:07	SUPERTRACE2	A08290Y

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Antimony	600.000	U	600.000	600.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Arsenic	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Barium	20.000	U	20.000	20.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Beryllium	5.000	U	5.000	5.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Cadmium	1.000	U	1.000	1.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Calcium	500.000	U	500.000	500.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Chromium	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Cobalt	50.000	U	50.000	50.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Copper	20.000	U	20.000	20.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Iron	100.000	U	100.000	100.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Lead	3.000	U	3.000	3.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Magnesium	5000.000	U	5000.000	5000.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Manganese	15.000	U	15.000	15.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Nickel	40.000	U	40.000	40.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Potassium	5000.000	U	5000.000	5000.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Selenium	6.100	U	6.100	6.100	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Silver	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Sodium	5000.000	U	5000.000	5000.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Thallium	10.000	U	10.000	10.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Vanadium	50.000	U	50.000	50.000	P	9/2/2008	11:40	SUPERTRACE2	A090208
	Zinc	20.000	U	20.000	20.000	P	9/2/2008	11:40	SUPERTRACE2	A090208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Antimony	600.000	U	600.000	600.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Arsenic	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Barium	20.000	U	20.000	20.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Beryllium	5.000	U	5.000	5.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Cadmium	1.000	U	1.000	1.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Calcium	500.000	U	500.000	500.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Chromium	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Cobalt	50.000	U	50.000	50.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Copper	20.000	U	20.000	20.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Iron	100.000	U	100.000	100.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Lead	3.000	U	3.000	3.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Magnesium	5000.000	U	5000.000	5000.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Manganese	15.000	U	15.000	15.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Nickel	40.000	U	40.000	40.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Potassium	5000.000	U	5000.000	5000.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Selenium	6.100	U	6.100	6.100	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Silver	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Sodium	5000.000	U	5000.000	5000.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Thallium	10.000	U	10.000	10.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Vanadium	50.000	U	50.000	50.000	P	9/2/2008	12:09	SUPERTRACE2	A090208
	Zinc	20.000	U	20.000	20.000	P	9/2/2008	12:09	SUPERTRACE2	A090208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Antimony	600.000	U	600.000	600.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Arsenic	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Barium	20.000	U	20.000	20.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Beryllium	5.000	U	5.000	5.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Cadmium	1.000	U	1.000	1.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Calcium	500.000	U	500.000	500.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Chromium	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Cobalt	50.000	U	50.000	50.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Copper	20.000	U	20.000	20.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Iron	100.000	U	100.000	100.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Lead	3.000	U	3.000	3.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Magnesium	5000.000	U	5000.000	5000.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Manganese	15.000	U	15.000	15.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Nickel	40.000	U	40.000	40.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Potassium	5000.000	U	5000.000	5000.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Selenium	6.100	U	6.100	6.100	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Silver	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Sodium	5000.000	U	5000.000	5000.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Thallium	10.000	U	10.000	10.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Vanadium	50.000	U	50.000	50.000	P	9/2/2008	13:18	SUPERTRACE2	A090208
	Zinc	20.000	U	20.000	20.000	P	9/2/2008	13:18	SUPERTRACE2	A090208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	02:19	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	02:48	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	03:56	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	05:04	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	05:50	SUPERTRACE2	A09030W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	13:07	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	13:35	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	14:44	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	16:13	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	17:19	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	18:28	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	19:34	SUPERTRACE2	A09040W

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Antimony	600.000	U	600.000	600.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Arsenic	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Barium	20.000	U	20.000	20.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Beryllium	5.000	U	5.000	5.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Cadmium	1.000	U	1.000	1.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Calcium	500.000	U	500.000	500.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Chromium	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Cobalt	50.000	U	50.000	50.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Copper	20.000	U	20.000	20.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Iron	100.000	U	100.000	100.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Lead	3.000	U	3.000	3.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Magnesium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Manganese	15.000	U	15.000	15.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Nickel	40.000	U	40.000	40.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Potassium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Selenium	6.100	U	6.100	6.100	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Silver	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Sodium	5000.000	U	5000.000	5000.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Thallium	10.000	U	10.000	10.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Vanadium	50.000	U	50.000	50.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
	Zinc	20.000	U	20.000	20.000	P	9/4/2008	20:03	SUPERTRACE2	A09040W
ICB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	12:38	LEEMAN PS20	G09028S1
CCB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	12:42	LEEMAN PS20	G09028S1
CCB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:01	LEEMAN PS20	G09028S1
CCB										
	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:19	LEEMAN PS20	G09028S1

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:37	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	13:58	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	14:13	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	14:34	LEEMAN PS20	G09028S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/2/2008	14:40	LEEMAN PS20	G09028S1
ICB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:06	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:13	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:31	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:50	LEEMAN PS20	G09048W1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/4/2008	15:58	LEEMAN PS20	G09048W1

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	18:30	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	18:37	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	18:56	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	19:15	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	19:33	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	19:54	LEEMAN PS20	H08288W1
CCB	Mercury	0.180	U	0.180	0.180	CV	8/28/2008	20:13	LEEMAN PS20	H08288W1
ICB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	13:22	LEEMAN PS20	H09058S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	13:26	LEEMAN PS20	H09058S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	13:44	LEEMAN PS20	H09058S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	14:03	LEEMAN PS20	H09058S1

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Mercury	0.180	U	0.180	0.180	CV	9/5/2008	14:16	LEEMAN PS20	H09058S1
ICB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:06	LEEMAN PS20	H09118S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:11	LEEMAN PS20	H09118S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:31	LEEMAN PS20	H09118S1
CCB	Mercury	0.180	U	0.180	0.180	CV	9/11/2008	13:45	LEEMAN PS20	H09118S1

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849862-9/3/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Antimony	600.000	U		600.000	600.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Arsenic	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Barium	20.000	U		20.000	20.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Beryllium	5.000	U		5.000	5.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Calcium	500.000	U		500.000	500.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Chromium	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Cobalt	50.000	U		50.000	50.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Copper	20.000	U		20.000	20.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Iron	100.000	U		100.000	100.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Lead	3.000	U		3.000	3.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Magnesium	5000.000	U		5000.000	5000.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Manganese	15.000	U		15.000	15.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Nickel	40.000	U		40.000	40.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Potassium	5000.000	U		5000.000	5000.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Selenium	6.100	U		6.100	6.100	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Silver	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Sodium	5000.000	U		5000.000	5000.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Thallium	10.000	U		10.000	10.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Vanadium	50.000	U		50.000	50.000	P	9/4/2008	04:36	SUPERTRACE	109030Y
	Zinc	20.000	U		20.000	20.000	P	9/4/2008	04:36	SUPERTRACE	109030Y

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD850202-9/4/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Antimony	6.000	U		6.000	6.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Arsenic	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Barium	2.000	U		2.000	2.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Beryllium	0.500	U		0.500	0.500	P	9/4/2008	19:29	SUPERTRACE	109040W
	Cadmium	0.500	U		0.500	0.500	P	9/4/2008	19:29	SUPERTRACE	109040W
	Calcium	50.000	U		50.000	50.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Chromium	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Cobalt	5.000	U		5.000	5.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Copper	2.000	U		2.000	2.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Iron	10.000	U		10.000	10.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Lead	0.500	U		0.500	0.500	P	9/4/2008	19:29	SUPERTRACE	109040W
	Magnesium	50.000	U		50.000	50.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Manganese	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Nickel	4.000	U		4.000	4.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Potassium	200.000	U		200.000	200.000	P	9/5/2008	11:52	SUPERTRACE	109050Y
	Selenium	0.590	U		0.590	0.590	P	9/4/2008	19:29	SUPERTRACE	109040W
	Silver	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Sodium	50.000	U		50.000	50.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Thallium	1.000	U		1.000	1.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Vanadium	5.000	U		5.000	5.000	P	9/4/2008	19:29	SUPERTRACE	109040W
	Zinc	2.000	U		2.000	2.000	P	9/4/2008	19:29	SUPERTRACE	109040W

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD850415-9/5/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Antimony	6.000	U		6.000	6.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Arsenic	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Barium	2.000	U		2.000	2.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Beryllium	0.500	U		0.500	0.500	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Cadmium	0.500	U		0.500	0.500	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Calcium	50.000	U		50.000	50.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Chromium	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Cobalt	5.000	U		5.000	5.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Copper	2.000	U		2.000	2.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Iron	10.000	U		10.000	10.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Lead	0.500	U		0.500	0.500	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Magnesium	50.000	U		50.000	50.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Manganese	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Nickel	4.000	U		4.000	4.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Potassium	200.000	U		200.000	200.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Selenium	0.590	U		0.590	0.590	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Silver	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Sodium	50.000	U		50.000	50.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Thallium	1.000	U		1.000	1.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Vanadium	5.000	U		5.000	5.000	P	9/5/2008	14:24	SUPERTRACE	109050Y
	Zinc	2.000	U		2.000	2.000	P	9/5/2008	14:24	SUPERTRACE	109050Y

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849060-8/29/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Antimony	600.000	U		600.000	600.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Arsenic	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Barium	20.000	U		20.000	20.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Beryllium	5.000	U		5.000	5.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Cadmium	1.000	U		1.000	1.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Calcium	500.000	U		500.000	500.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Chromium	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Cobalt	50.000	U		50.000	50.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Copper	20.000	U		20.000	20.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Iron	100.000	U		100.000	100.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Lead	3.000	U		3.000	3.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Magnesium	5000.000	U		5000.000	5000.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Manganese	15.000	U		15.000	15.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Nickel	40.000	U		40.000	40.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Potassium	5000.000	U		5000.000	5000.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Selenium	6.100	U		6.100	6.100	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Silver	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Sodium	5000.000	U		5000.000	5000.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Thallium	10.000	U		10.000	10.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Vanadium	50.000	U		50.000	50.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y
	Zinc	20.000	U		20.000	20.000	P	8/29/2008	17:38	SUPERTRACE2	A08290Y

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD848920-8/29/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Antimony	6.000	U		6.000	6.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Arsenic	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Barium	2.000	U		2.000	2.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Beryllium	0.500	U		0.500	0.500	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Cadmium	0.500	U		0.500	0.500	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Calcium	50.000	U		50.000	50.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Chromium	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Cobalt	5.000	U		5.000	5.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Copper	2.000	U		2.000	2.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Iron	10.000	U		10.000	10.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Lead	0.500	U		0.500	0.500	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Magnesium	50.000	U		50.000	50.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Manganese	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Nickel	4.000	U		4.000	4.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Potassium	200.000	U		200.000	200.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Selenium	0.590	U		0.590	0.590	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Silver	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Sodium	50.000	U		50.000	50.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Thallium	1.000	U		1.000	1.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Vanadium	5.000	U		5.000	5.000	P	9/2/2008	12:17	SUPERTRACE2	A090208
	Zinc	2.000	U		2.000	2.000	P	9/2/2008	12:17	SUPERTRACE2	A090208

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849893-9/3/08			**SOIL**								
	Aluminum	10.000	U		10.000	10.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Antimony	6.000	U		6.000	6.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Arsenic	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Barium	2.000	U		2.000	2.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Beryllium	0.500	U		0.500	0.500	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Cadmium	0.500	U		0.500	0.500	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Calcium	50.000	U		50.000	50.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Chromium	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Cobalt	5.000	U		5.000	5.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Copper	2.000	U		2.000	2.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Iron	10.000	U		10.000	10.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Lead	0.500	U		0.500	0.500	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Magnesium	50.000	U		50.000	50.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Manganese	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Nickel	4.000	U		4.000	4.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Potassium	200.000	U		200.000	200.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Selenium	0.590	U		0.590	0.590	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Silver	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Sodium	50.000	U		50.000	50.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Thallium	1.000	U		1.000	1.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Vanadium	5.000	U		5.000	5.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W
	Zinc	2.000	U		2.000	2.000	P	9/4/2008	02:53	SUPERTRACE2	A09030W

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD850219-9/4/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Antimony	600.000	U		600.000	600.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Arsenic	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Barium	20.000	U		20.000	20.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Beryllium	5.000	U		5.000	5.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Cadmium	1.000	U		1.000	1.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Calcium	500.000	U		500.000	500.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Chromium	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Cobalt	50.000	U		50.000	50.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Copper	20.000	U		20.000	20.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Iron	100.000	U		100.000	100.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Lead	3.000	U		3.000	3.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Magnesium	5000.000	U		5000.000	5000.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Manganese	15.000	U		15.000	15.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Nickel	40.000	U		40.000	40.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Potassium	5000.000	U		5000.000	5000.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Selenium	6.100	U		6.100	6.100	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Silver	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Sodium	5000.000	U		5000.000	5000.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Thallium	10.000	U		10.000	10.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Vanadium	50.000	U		50.000	50.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
	Zinc	20.000	U		20.000	20.000	P	9/4/2008	15:26	SUPERTRACE2	A09040W
AD852272-9/4/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/4/2008	15:54	LEEMAN PS20	G09048W1
AD849535-9/2/08			**SOIL**								
	Mercury	0.005	U		0.005	0.005	CV	9/2/2008	14:09	LEEMAN PS20	G09028S1
AD851516-9/11/08			**SOIL**								
	Mercury	0.005	U		0.005	0.005	CV	9/11/2008	13:40	LEEMAN PS20	H09118S1

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** A475

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD849862-9/3/08			**WATER**								
	Cadmium	1.000	U		1.000	1.000	P	9/4/2008	17:38	SUPERTRACE2	A09040W
AD848846-8/28/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	8/28/2008	20:08	LEEMAN PS20	H08288W1
AD850438-9/5/08			**SOIL**								
	Mercury	-0.008			0.005	0.005	CV	9/5/2008	14:11	LEEMAN PS20	H09058S1

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	522000	521000	104			
Antimony		600	0.81	637	106			
Arsenic		100	1.9	113	113			
Barium		500	0.76	530	106			
Beryllium		500	0.46	499	100			
Calcium	500000	500000	517000	513000	103			
Chromium		500	0.59	499	100			
Cobalt		500	0.32	497	99			
Copper		500	0.95	537	107			
Iron	200000	100000	203000	100000	100			
Lead		50	-5.8	44.4	89			
Magnesium	500000	500000	514000	505000	101			
Manganese		500	1.2	497	99			
Nickel		1000	1.2	958	96			
Potassium			41.2	18.8				
Selenium		50	-8.6	53.6	107			
Silver		200	0.73	220	110			
Sodium			270	70.0				
Thallium		100	1.6	104	104			
Vanadium		500	0.10	524	105			
Zinc		1000	-1.6	973	97			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	514000	524000	105			
Antimony		600	2.6	688	115			
Arsenic		100	2.4	115	115			
Barium		500	0.66	532	106			
Beryllium		500	0.83	516	103			
Cadmium		1000	1.2	1060	106			
Calcium	500000	500000	528000	548000	110			
Chromium		500	-0.070	541	108			
Cobalt		500	-0.69	515	103			
Copper		500	-1.8	535	107			
Iron	200000	100000	205000	106000	106			
Lead		50	-6.8	48.5	97			
Magnesium	500000	500000	526000	531000	106			
Manganese		500	0.070	523	105			
Nickel		1000	1.3	1020	102			
Potassium			33.9	23.0				
Selenium		50	-3.9	52.2	104			
Silver		200	0.59	222	111			
Sodium			-64.8	-78.4				
Thallium		100	1.2	112	112			
Vanadium		500	0.47	546	109			
Zinc		1000	-3.6	1030	103			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	529000	536000	107			
Antimony		600	-0.86	678	113			
Arsenic		100	3.4	119	119			
Barium		500	0.65	547	109			
Beryllium		500	1.1	530	106			
Cadmium		1000	0.080	1030	103			
Calcium	500000	500000	556000	559000	112			
Chromium		500	-0.15	542	108			
Cobalt		500	0.070	514	103			
Copper		500	-2.1	558	112			
Iron	200000	100000	209000	105000	105			
Lead		50	-3.8	50.1	100			
Magnesium	500000	500000	546000	548000	110			
Manganese		500	-0.100	530	106			
Nickel		1000	0.89	1020	102			
Potassium			21.2	21.2				
Selenium		50	-0.0100	58.1	116			
Silver		200	1.3	228	114			
Sodium			-104	156				
Thallium		100	-6.3	107	107			
Vanadium		500	1.2	547	109			
Zinc		1000	-1.7	1030	103			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	515000	505000	101			
Antimony		600	3.5	623	104			
Arsenic		100	2.8	107	107			
Barium		500	0.89	508	102			
Beryllium		500	1.0	487	97			
Cadmium		1000	1.5	959	96			
Calcium	500000	500000	512000	498000	100			
Chromium		500	-2.3	478	96			
Cobalt		500	0.66	482	96			
Copper		500	1.1	515	103			
Iron	200000	100000	198000	95900	96			
Lead		50	1.8	48.4	97			
Magnesium	500000	500000	507000	489000	98			
Manganese		500	1.6	477	95			
Nickel		1000	0.63	932	93			
Potassium			6.2	11.4				
Selenium		50	-2.9	55.6	111			
Silver		200	0.18	212	106			
Sodium			-42.6	-238				
Thallium		100	-4.6	90.9	91			
Vanadium		500	-0.16	501	100			
Zinc		1000	-5.0	936	94			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	513000	508000	102			
Antimony		600	-0.78	629	105			
Arsenic		100	0.38	106	106			
Barium		500	0.96	509	102			
Beryllium		500	0.93	486	97			
Cadmium		1000	2.2	966	97			
Calcium	500000	500000	509000	502000	100			
Chromium		500	-3.1	479	96			
Cobalt		500	0.21	484	97			
Copper		500	0.83	514	103			
Iron	200000	100000	196000	96700	97			
Lead		50	0.83	46.9	94			
Magnesium	500000	500000	503000	491000	98			
Manganese		500	1.4	479	96			
Nickel		1000	-0.13	937	94			
Potassium			13.9	14.3				
Selenium		50	-9.6	51.3	103			
Silver		200	0.17	212	106			
Sodium			-63.0	-141				
Thallium		100	-6.0	102	102			
Vanadium		500	0.070	501	100			
Zinc		1000	-5.1	944	94			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	513000	509000	102			
Antimony		600	2.1	627	104			
Arsenic		100	0.84	111	111			
Barium		500	0.93	511	102			
Beryllium		500	0.96	491	98			
Cadmium		1000	1.2	971	97			
Calcium	500000	500000	516000	510000	102			
Chromium		500	-2.6	482	96			
Cobalt		500	1.4	486	97			
Copper		500	1.6	515	103			
Iron	200000	100000	196000	96700	97			
Lead		50	4.0	48.3	97			
Magnesium	500000	500000	504000	494000	99			
Manganese		500	1.5	482	96			
Nickel		1000	0.80	944	94			
Potassium			-16.3	3.4				
Selenium		50	-5.0	45.0	90			
Silver		200	0.47	214	107			
Sodium			-200	-219				
Thallium		100	-13.2	97.4	97			
Vanadium		500	0.14	503	101			
Zinc		1000	-4.7	944	94			

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	512000	457000	91			
Antimony		600	4.4	559	93			
Arsenic		100	0.57	98.3	98			
Barium		500	1.0	463	93			
Beryllium		500	1.0	442	88			
Cadmium		1000	0.79	873	87			
Calcium	500000	500000	519000	460000	92			
Chromium		500	-2.7	433	87			
Cobalt		500	0.73	439	88			
Copper		500	0.56	466	93			
Iron	200000	100000	195000	86700	87			
Lead		50	3.3	47.5	95			
Magnesium	500000	500000	508000	448000	90			
Manganese		500	1.4	433	87			
Nickel		1000	1.1	850	85			
Potassium			-2.8	14.3				
Selenium		50	-4.5	45.4	91			
Silver		200	0.52	192	96			
Sodium			115	-117				
Thallium		100	-14.7	86.7	87			
Vanadium		500	-0.15	457	91			
Zinc		1000	-5.5	853	85			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

TP1-S1(10-11)\MS

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	0.5223		0.0538		0.44	106		CV

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

TP1-S1(10-11)\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	0.5229		0.0538		0.45	104		CV

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-9 S3,4-5\MS

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	5915.9610		5356.9220		2376.55	24	N	P
Antimony	75 - 125	35.3642		7.1296	U	47.53	74	N	P
Arsenic	75 - 125	48.0062		2.7780		47.53	95		P
Barium	75 - 125	66.6716		30.3701		47.53	76		P
Beryllium	75 - 125	46.3735		0.5941	U	47.53	98		P
Cadmium	75 - 125	44.6529		0.5941	U	47.53	94		P
Calcium		22543.5700		17656.7700		2376.55	206		P
Chromium	75 - 125	50.5788		7.1439		47.53	91		P
Cobalt	75 - 125	48.2344		5.9414	U	47.53	101		P
Copper	75 - 125	55.0646		8.7741		47.53	97		P
Iron		9938.2500		9916.9000		2376.55	1		P
Lead	75 - 125	49.5106		5.0055		47.53	94		P
Magnesium	75 - 125	7192.6260		4745.1440		2376.55	103		P
Manganese		411.2315		372.0980		47.53	82		P
Nickel	75 - 125	51.5770		7.2847		47.53	93		P
Potassium	75 - 125	2935.2880		1008.9040		2376.55	81		P
Selenium	75 - 125	44.4664		0.7011	U	47.53	94		P
Silver	75 - 125	11.8126		1.1883	U	11.88	99		P
Mercury	75 - 125	0.3883		0.0096		0.36	105		CV
Sodium	75 - 125	2433.4090		131.8013		2376.55	97		P
Thallium	75 - 125	43.6797		1.1883	U	47.53	92		P
Vanadium	75 - 125	53.1277		11.1284		47.53	88		P
Zinc	75 - 125	63.3837		25.1756		47.53	80		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-9 S3,4-5\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	6792.4240		5356.9220		2215.35	65	N	P
Antimony	75 - 125	41.6917		6.6460	U	44.31	94		P
Arsenic	75 - 125	52.1548		2.7780		44.31	111		P
Barium	75 - 125	76.4305		30.3701		44.31	104		P
Beryllium	75 - 125	52.1681		0.5538	U	44.31	118		P
Cadmium	75 - 125	48.6501		0.5538	U	44.31	110		P
Calcium		22409.6100		17656.7700		2215.35	215		P
Chromium	75 - 125	56.5921		7.1439		44.31	112		P
Cobalt	75 - 125	53.2724		5.5384	U	44.31	120		P
Copper	75 - 125	59.6294		8.7741		44.31	115		P
Iron		11175.8400		9916.9000		2215.35	57		P
Lead	75 - 125	52.8947		5.0055		44.31	108		P
Magnesium	75 - 125	7527.0180		4745.1440		2215.35	126	N	P
Manganese		463.9122		372.0980		44.31	207		P
Nickel	75 - 125	57.1260		7.2847		44.31	112		P
Potassium	75 - 125	3186.7290		1008.9040		2215.35	98		P
Selenium	75 - 125	47.9146		0.6535	U	44.31	108		P
Silver	75 - 125	12.5854		1.1077	U	11.08	114		P
Mercury	75 - 125	0.3729		0.0096		0.36	101		CV
Sodium	75 - 125	2589.4590		131.8013		2215.35	111		P
Thallium	75 - 125	47.7894		1.1077	U	44.31	108		P
Vanadium	75 - 125	59.0224		11.1284		44.31	108		P
Zinc	75 - 125	67.8372		25.1756		44.31	96		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-9 S3,4-5A

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	66803.13		45643.93		20000.0	106		P
Antimony	75 - 125	470.99		20.00	U	400.0	118		P
Arsenic	75 - 125	488.68		23.67		400.0	116		P
Barium	75 - 125	709.59		258.77		400.0	113		P
Beryllium	75 - 125	483.84		3.75		400.0	120		P
Cadmium	75 - 125	464.54		1.00	U	400.0	116		P
Calcium	75 - 125	169042.90		150445.38		20000.0	93		P
Chromium	75 - 125	535.82		60.87		400.0	119		P
Cobalt	75 - 125	497.41		30.48		400.0	117		P
Copper	75 - 125	549.40		74.76		400.0	119		P
Iron	75 - 125	104565.30		84497.46		20000.0	100		P
Lead	75 - 125	504.05		42.65		400.0	115		P
Magnesium	75 - 125	62592.33		40431.24		20000.0	111		P
Manganese	75 - 125	3480.16		3170.48		400.0	77		P
Nickel	75 - 125	525.74		62.07		400.0	116		P
Potassium	75 - 125	31584.07		8596.42		20000.0	115		P
Selenium	75 - 125	453.34		15.00	U	400.0	113		P
Silver	75 - 125	116.30		3.00	U	100.0	116		P
Sodium	75 - 125	24053.66		1123.02		20000.0	115		P
Thallium	75 - 125	449.82		20.00	U	400.0	112		P
Vanadium	75 - 125	572.00		94.82		400.0	119		P
Zinc	75 - 125	669.40		214.51		400.0	114		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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DUPLICATES

SAMPLE NO.

TP1-S1(10-11)\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 81.0 % Solids for Duplicate: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		0.5223		0.5229		0		CV

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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DUPLICATES

SAMPLE NO.

MW-9 S3,4-5\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 87.5 % Solids for Duplicate: 87.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		5915.9610		6792.4240		14		P
Antimony		35.3642		41.6917		16		P
Arsenic		48.0062		52.1548		8		P
Barium		66.6716		76.4305		14		P
Beryllium		46.3735		52.1681		12		P
Cadmium		44.6529		48.6501		9		P
Calcium		22543.5700		22409.6100		1		P
Chromium		50.5788		56.5921		11		P
Cobalt		48.2344		53.2724		10		P
Copper		55.0646		59.6294		8		P
Iron		9938.2500		11175.8400		12		P
Lead		49.5106		52.8947		7		P
Magnesium		7192.6260		7527.0180		5		P
Manganese		411.2315		463.9122		12		P
Nickel		51.5770		57.1260		10		P
Potassium		2935.2880		3186.7290		8		P
Selenium		44.4664		47.9146		7		P
Silver		11.8126		12.5854		6		P
Mercury		0.3883		0.3729		4		CV
Sodium		2433.4090		2589.4590		6		P
Thallium		43.6797		47.7894		9		P
Vanadium		53.1277		59.0224		11		P
Zinc		63.3837		67.8372		7		P

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	10334.54	103					
Antimony	200.0	208.90	104					
Arsenic	200.0	219.40	110					
Barium	200.0	210.57	105					
Beryllium	200.0	214.86	107					
Cadmium	200.0	202.95	101					
Calcium	10000.0	10463.15	105					
Chromium	200.0	205.12	103					
Cobalt	200.0	215.23	108					
Copper	200.0	211.60	106					
Iron	10000.0	10519.96	105					
Lead	200.0	210.79	105					
Magnesium	10000.0	10359.89	104					
Manganese	200.0	211.04	106					
Nickel	200.0	209.19	105					
Potassium	10000.0	10227.44	102					
Selenium	200.0	209.49	105					
Silver	50.0	51.60	103					
Sodium	10000.0	10326.55	103					
Thallium	200.0	207.39	104					
Vanadium	200.0	208.57	104					
Zinc	200.0	212.94	106					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C Limits		%R
Aluminum				10500.0	8559.1	6250	14800	82
Antimony				79.2	66.0	.54	164	83
Arsenic				133.0	141.2	107	160	106
Barium				226.0	227.5	184	268	101
Beryllium				117.0	125.7	97.9	136	107
Cadmium				103.0	113.9	85.3	120	111
Calcium				9610.0	10168.4	7990	11200	106
Chromium				219.0	249.8	179	258	114
Cobalt				133.0	144.2	108	157	108
Copper				155.0	160.7	129	181	104
Iron				18500.0	15811.4	9360	27700	85
Lead				168.0	180.1	137	199	107
Magnesium				4840.0	4919.6	3810	5860	102
Manganese				510.0	537.4	421	599	105
Nickel				119.0	134.0	95.7	143	113
Potassium				5300.0	5046.9	3900	6700	95
Selenium				94.1	104.5	72.3	116	111
Silver				81.2	89.7	53.8	108	110
Sodium				798.0	796.3	589	1010	100
Thallium				152.0	172.5	124	182	113
Vanadium				123.0	127.3	97.8	148	103
Zinc				280.0	314.0	227	334	112

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C Limits		%R
Aluminum				10500.0	8993.1	6250	14800	86
Antimony				79.2	72.0	.54	164	91
Arsenic				133.0	141.6	107	160	106
Barium				226.0	236.3	184	268	105
Beryllium				117.0	130.1	97.9	136	111
Cadmium				103.0	111.9	85.3	120	109
Calcium				9610.0	10584.7	7990	11200	110
Chromium				219.0	251.3	179	258	115
Cobalt				133.0	145.0	108	157	109
Copper				155.0	172.0	129	181	111
Iron				18500.0	16177.3	9360	27700	87
Lead				168.0	185.2	137	199	110
Magnesium				4840.0	5188.5	3810	5860	107
Manganese				510.0	552.4	421	599	108
Nickel				119.0	135.1	95.7	143	114
Potassium				5300.0	5610.0	3900	6700	106
Selenium				94.1	104.3	72.3	116	111
Silver				81.2	87.7	53.8	108	108
Sodium				798.0	893.3	589	1010	112
Thallium				152.0	165.2	124	182	109
Vanadium				123.0	130.1	97.8	148	106
Zinc				280.0	302.9	227	334	108

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Aluminum	10000.0	10108.68	101						
Antimony	200.0	207.08	104						
Arsenic	200.0	211.69	106						
Barium	200.0	207.52	104						
Beryllium	200.0	202.47	101						
Cadmium	200.0	203.57	102						
Calcium	10000.0	10224.88	102						
Chromium	200.0	197.84	99						
Cobalt	200.0	206.61	103						
Copper	200.0	204.21	102						
Iron	10000.0	10270.91	103						
Lead	200.0	205.24	103						
Magnesium	10000.0	10105.21	101						
Manganese	200.0	200.61	100						
Nickel	200.0	200.82	100						
Potassium	10000.0	10513.10	105						
Selenium	200.0	206.65	103						
Silver	50.0	50.57	101						
Sodium	10000.0	10218.57	102						
Thallium	200.0	203.75	102						
Vanadium	200.0	208.43	104						
Zinc	200.0	204.72	102						

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum				10500.0	8971.6		6250 14800	85
Antimony				79.2	61.4		.54 164	78
Arsenic				133.0	127.0		107 160	95
Barium				226.0	230.7		184 268	102
Beryllium				117.0	109.7		97.9 136	94
Cadmium				103.0	97.1		85.3 120	94
Calcium				9610.0	9035.2		7990 11200	94
Chromium				219.0	212.4		179 258	97
Cobalt				133.0	129.0		108 157	97
Copper				155.0	148.3		129 181	96
Iron				18500.0	14796.6		9360 27700	80
Lead				168.0	159.1		137 199	95
Magnesium				4840.0	4393.3		3810 5860	91
Manganese				510.0	474.0		421 599	93
Nickel				119.0	116.8		95.7 143	98
Potassium				5300.0	4912.6		3900 6700	93
Selenium				94.1	90.4		72.3 116	96
Silver				81.2	81.9		53.8 108	101
Sodium				798.0	798.1		589 1010	100
Thallium				152.0	149.3		124 182	98
Vanadium				123.0	115.7		97.8 148	94
Zinc				280.0	259.6		227 334	93

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum				10500.0	7705.8	6250	14800	73
Antimony				79.2	55.7	.54	164	70
Arsenic				133.0	123.2	107	160	93
Barium				226.0	205.6	184	268	91
Beryllium				117.0	108.1	97.9	136	92
Cadmium				103.0	95.8	85.3	120	93
Calcium				9610.0	8747.2	7990	11200	91
Chromium				219.0	206.1	179	258	94
Cobalt				133.0	125.4	108	157	94
Copper				155.0	144.0	129	181	93
Iron				18500.0	13990.7	9360	27700	76
Lead				168.0	155.0	137	199	92
Magnesium				4840.0	4195.9	3810	5860	87
Manganese				510.0	467.2	421	599	92
Nickel				119.0	113.5	95.7	143	95
Potassium				5300.0	4675.2	3900	6700	88
Selenium				94.1	88.6	72.3	116	94
Silver				81.2	79.9	53.8	108	98
Sodium				798.0	770.4	589	1010	97
Thallium				152.0	147.6	124	182	97
Vanadium				123.0	109.2	97.8	148	89
Zinc				280.0	254.3	227	334	91

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	9983.50	100					
Antimony	200.0	199.47	100					
Arsenic	200.0	207.65	104					
Barium	200.0	205.09	103					
Beryllium	200.0	197.60	99					
Cadmium	200.0	199.25	100					
Calcium	10000.0	10066.60	101					
Chromium	200.0	192.86	96					
Cobalt	200.0	201.89	101					
Copper	200.0	199.15	100					
Iron	10000.0	9930.84	99					
Lead	200.0	199.46	100					
Magnesium	10000.0	9940.91	99					
Manganese	200.0	195.31	98					
Nickel	200.0	197.61	99					
Potassium	10000.0	10270.07	103					
Selenium	200.0	198.99	99					
Silver	50.0	49.57	99					
Sodium	10000.0	10067.41	101					
Thallium	200.0	199.37	100					
Vanadium	200.0	203.12	102					
Zinc	200.0	197.79	99					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury				6.2	6.891		4.44 8.03	111

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.17	96					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.25	98					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury				6.2	6.141		4.44 8.03	99

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits		%R
Mercury				6.2	6.242		4.44	8.03	101

Comments: _____

Rochester Gas & Electric

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-9 S3,4-5L

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	45643.93		41377.10		9		P
Antimony	5.48	U	27.40	U			P
Arsenic	23.67		23.50	B	1		P
Barium	258.77		231.20		11	E	P
Beryllium	3.75		4.60	B	23		P
Cadmium	0.90		1.35	U	100.0		P
Calcium	150445.38		133837.80		11	E	P
Chromium	60.87		51.00		16	E	P
Cobalt	30.48		28.10		8		P
Copper	74.76		65.20		13	E	P
Iron	84497.46		75858.84		10		P
Lead	42.65		42.90		1		P
Magnesium	40431.24		36032.80		11	E	P
Manganese	3170.48		2847.25		10		P
Nickel	62.07		53.50		14	E	P
Potassium	8596.42		7469.65		13	E	P
Selenium	6.10	U	30.50	U			P
Silver	1.27	U	6.35	U			P
Sodium	1123.02		1695.00	U	100.0		P
Thallium	5.88	U	29.40	U			P
Vanadium	94.82		84.35		11	E	P
Zinc	214.51		198.65		7		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 5/23/2008

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Aluminum	308.215		190	190	P
Antimony	206.838		600	600	P
Arsenic	189.042		10	10	P
Barium	493.409		20	20	P
Beryllium	313.042		5	5	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		10	10	P
Cobalt	228.616		50	50	P
Copper	324.753		20	20	P
Iron	271.441		100	100	P
Lead	220.353		3	3	P
Magnesium	279.078		5000	5000	P
Manganese	257.610		15	15	P
Nickel	231.604		40	40	P
Potassium	766.491		5000	5000	P
Selenium	296.026		6	6	P
Silver	328.068		10	10	P
Sodium	330.232		5000	5000	P
Thallium	190.864		10	10	P
Vanadium	292.402		50	50	P
Zinc	206.200		20	20	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: _____ Date: 7/10/2008

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Mercury	253.70		0.3	0.3	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 5/23/2008

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL ~~(ug/L)~~ mg/kg	RL ~~(ug/L)~~ mg/kg	M
Aluminum	308.215		10	10	P
Antimony	206.838		6	6	P
Arsenic	189.042		1	1	P
Barium	493.409		2	2	P
Beryllium	313.042		0.5	0.5	P
Cadmium	226.502		0.5	0.5	P
Calcium	317.933		50	50	P
Chromium	267.716		1	1	P
Cobalt	228.616		5	5	P
Copper	324.753		2	2	P
Iron	271.441		10	10	P
Lead	220.353		0.5	0.5	P
Magnesium	279.078		50	50	P
Manganese	257.610		1	1	P
Nickel	231.604		4	4	P
Potassium	766.491		200	200	P
Selenium	296.026		0.59	0.59	P
Silver	328.068		1	1	P
Sodium	330.232		50	50	P
Thallium	190.864		1	1	P
Vanadium	292.402		5	5	P
Zinc	206.200		2	2	P

LH 9/12/08

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: _____ Date: 7/10/2008

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL ~~(ug/L)~~ mg/kg	RL ~~(ug/L)~~ mg/kg	M
Mercury	253.70		0.0047	0.0047	CV

LH 9/12/08

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	-0.0004000	-0.0004600
Antimony	206.84	0.0000000	0.0000180	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000040	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000020	0.0000040	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000020	0.0000020	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000890	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000070	0.0000040	0.0000000	0.0000000	0.0000190
Cobalt	228.62	0.0000000	0.0000060	0.0000000	0.0000000	-0.0000400
Copper	324.75	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000310
Iron	271.44	0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004000	0.0000700	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0002300	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000040
Molybdenum	202.03	0.0000010	-0.0000200	0.0000000	0.0000000	0.0000150
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003500
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000500
Silver	328.07	0.0000000	0.0000010	0.0000000	-0.0000200	-0.0000100
Sodium	330.23	0.0000000	0.0000000	0.0000000	-0.0031700	0.0000000
Thallium	190.86	0.0000000	-0.0000600	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	-0.0000200	0.0000000
Titanium	337.28	0.0000020	0.0000020	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000220	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000070

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	-0.0004000	-0.0003900	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0091520	0.0000000	0.0000000	0.0000000
Arsenic	189.04	-0.0000600	0.0001050	0.0000000	0.0000000	-0.0000200
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0007000	0.0002820	-0.0000800	0.0000000	0.0000000
Cadmium	226.50	-0.0001600	0.0000000	0.0000000	0.0000000	-0.0000200
Calcium	317.93	0.0000000	0.0000000	0.0001890	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0002000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0000400	0.0000000	0.0000000	0.0001540
Copper	324.75	0.0000000	-0.0000500	0.0000250	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0019300	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0000800	-0.0000200	0.0000790	0.0000000	0.0002290
Magnesium	279.08	0.0000000	-0.0001100	0.0002120	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000530	-0.0000800	0.0000000	0.0000000
Nickel	231.60	-0.0014000	0.0000000	-0.0001000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	-0.0002600	0.0000000	0.0000000
Selenium	196.02	0.0003570	0.0000000	0.0004460	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0062300	0.0000000	0.0000000	-0.0009600
Thallium	190.86	-0.0010700	0.0001870	-0.0013800	0.0000030	0.0000000
Tin	189.99	0.0000000	0.0000690	0.0000100	0.0000030	0.0000280
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0003000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0208800
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	-0.0000100	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0006700
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000040	-0.0000900
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0068700
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	-0.0000100	0.0000260
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001070	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000300
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0012000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0010400
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn	Rh			
Aluminum	308.22	0.0000000	0.0000000			
Antimony	206.84	0.0000000	0.0000000			
Arsenic	189.04	0.0000000	0.0000000			
Barium	493.41	0.0000000	0.0000000			
Beryllium	313.04	0.0000000	0.0000000			
Boron	249.68	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.93	0.0000000	0.0000000			
Chromium	267.72	0.0000000	0.0000000			
Cobalt	228.62	0.0000000	0.0000000			
Copper	324.75	0.0000000	0.0000000			
Iron	271.44	0.0000000	0.0000000			
Lead	220.35	0.0000000	0.0000000			
Magnesium	279.08	0.0000000	0.0000000			
Manganese	257.61	0.0000000	0.0000000			
Molybdenum	202.03	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.49	0.0000000	0.0000000			
Selenium	196.02	0.0000000	0.0000000			
Silver	328.07	0.0000000	0.0000000			
Sodium	330.23	0.0000000	0.0000000			
Thallium	190.86	0.0000000	0.0000000			
Tin	189.99	0.0000000	0.0000000			
Titanium	337.28	0.0000000	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Arsenic	189.042	0.0000020	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000010	0.0000000	0.0000100	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002400	0.0000000	0.0000000
Chromium	267.716	0.0000090	0.0000000	0.0000140	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000100	0.0000000	-0.0000300
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0005300	0.0000000	0.0000300	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000600	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000030	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000160	0.0000000	-0.0000400	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0003100	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000010	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000150	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000010	0.0000000	0.0000000

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000600	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0017210	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	-0.0021600	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0004100	0.0004070	0.0000000	-0.0001400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003700
Cobalt	228.616	0.0000000	0.0000000	-0.0002600	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0003800	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0001400
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000020	0.0000000	0.0000000	-0.0000900
Nickel	231.604	0.0000000	-0.0007500	0.0000000	0.0000000	-0.0000900
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001640	0.0000000	0.0000000	0.0007460
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0049800	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0008700	0.0000870	0.0000230	0.0008600
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0003800	0.0000050	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0003500	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000100	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn	Rh
Aluminum	308.215	0.0001400	0.0143930	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000530	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0001770	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	-0.0000400	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0089700	0.0000000	0.0000000
Lead	220.352	0.0000000	-0.0000800	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0001100	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000600	0.0002400	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000850	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0006600	0.0000000	0.0000000
Tin	189.989	0.0000300	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	-0.0000600	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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ICP LINEAR RANGES (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE Date: 5/28/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	800000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	750000	P
Lead	15.00	80000	P
Magnesium	15.00	1000000	P
Manganese	15.00	20000	P
Nickel	15.00	25000	P
Potassium	15.00	400000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	10000	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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ICP LINEAR RANGES (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

ICP ID Number: SUPERTRACE2 Date: 5/30/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	1000000	P
Chromium	15.00	20000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	750000	P
Lead	15.00	80000	P
Magnesium	15.00	1000000	P
Manganese	15.00	20000	P
Nickel	15.00	25000	P
Potassium	15.00	400000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	10000	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
EB082508-WATER	8/28/2008	30.0	50.0
EB082608-WATER	8/28/2008	30.0	50.0
AD848845-LFB	8/28/2008	30.0	50.0
AD848846-MBLK	8/28/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A475

Method: P Prep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
TP1-S1(10-11)	8/29/2008	0.46	50.0
TP2-S1(1-3)	8/29/2008	0.47	50.0
TP2-S2(8-10)	8/29/2008	0.46	50.0
TP3-S1(4-6)	8/29/2008	0.47	50.0
TP3-S2(7-9)	8/29/2008	0.51	50.0
TP4-S1(8-10)	8/29/2008	0.46	50.0
SB-20-S1(4-6)	8/29/2008	0.46	50.0
AD848919-LCS	8/29/2008	0.50	50.0
AD848920-MBLK	8/29/2008	0.50	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
EB082508-WATER	8/29/2008	50.0	50.0
EB082608-WATER	8/29/2008	50.0	50.0
AD849059-LFB	8/29/2008	50.0	50.0
AD849060-MBLK	8/29/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
TP1-S1(10-11)	9/2/2008	0.56	50.0
TP1-S1(10-11)\MS	9/2/2008	0.56	50.0
TP1-S1(10-11)\SD	9/2/2008	0.55	50.0
TP2-S1(1-3)	9/2/2008	0.58	50.0
TP2-S2(8-10)	9/2/2008	0.57	50.0
TP3-S1(4-6)	9/2/2008	0.64	50.0
TP3-S2(7-9)	9/2/2008	0.55	50.0
TP4-S1(8-10)	9/2/2008	0.62	50.0
SB-20-S1(4-6)	9/2/2008	0.61	50.0
SB-21 S1-0.5-2.5	9/2/2008	0.58	50.0
DUP082808	9/2/2008	0.60	50.0
AD849534-LCS	9/2/2008	0.03	50.0
AD849535-MBLK	9/2/2008	0.60	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
90 CANAL ST. SUMP-WA	9/3/2008	50.0	50.0
EB082808-WATER	9/3/2008	50.0	50.0
AD84981-LFB	9/3/2008	50.0	50.0
AD84982-MBLK	9/3/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: P Prep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
SB-21 S1-0.5-2.5	9/3/2008	0.50	50.0
SB-21 S4-6.5-8.5	9/3/2008	0.52	50.0
DUP082808	9/3/2008	0.49	50.0
AD849892-LCS	9/3/2008	0.50	50.0
AD849893-MBLK	9/3/2008	0.50	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
90 CANAL ST. SUMP-WA	9/4/2008	30.0	50.0
EB082808-WATER	9/4/2008	30.0	50.0
EB 082908-WATER	9/4/2008	30.0	50.0
EB 090208-WATER	9/4/2008	30.0	50.0
AD850271-LFB	9/4/2008	30.0	50.0
AD850272-MBLK	9/4/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: P Prep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
MW-8 S2 4-6	9/4/2008	0.55	50.0
AD850201-LCS	9/4/2008	0.50	50.0
AD850202-MBLK	9/4/2008	0.50	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
EB 082908-WATER	9/4/2008	50.0	50.0
EB 090208-WATER	9/4/2008	50.0	50.0
AD850218-LFB	9/4/2008	50.0	50.0
AD850219-MBLK	9/4/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: P Prep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
MW-9 S3,4-5	9/5/2008	0.49	50.0
MW-9 S3,4-5\MS	9/5/2008	0.48	50.0
MW-9 S3,4-5\SD	9/5/2008	0.52	50.0
AD850414-LCS	9/5/2008	0.50	50.0
AD850415-MBLK	9/5/2008	0.50	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
MW-8 S2 4-6	9/5/2008	0.59	50.0
MW-9 S3,4-5	9/5/2008	0.62	50.0
MW-9 S3,4-5\MS	9/5/2008	0.63	50.0
MW-9 S3,4-5\SD	9/5/2008	0.63	50.0
AD850437-LCS	9/5/2008	0.03	50.0
AD850438-MBLK	9/5/2008	0.60	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A475

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Weight (g)	Final Volume(mL)
SB-21 S4-6.5-8.5	9/11/2008	0.62	50.0
AD851515-LCS	9/11/2008	0.03	50.0
AD851516-MBLK	9/11/2008	0.60	50.0

Comments:

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	02:11		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	02:16		X	X	X	X	X			X	X	X	X	X		X		X		X	X		X	X	X			
STD 2	1.00	02:20		X	X	X	X	X			X	X	X	X	X		X		X		X	X		X	X	X			
STD 3	1.00	02:25		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 3 VER	1.00	02:30		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	02:35		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	02:40		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	02:45		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.00	02:50		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	02:55		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.00	03:03		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	03:08		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	03:13																												
ZZZZZZ	1.00	03:18																												
ZZZZZZ	1.00	03:24																												
ZZZZZZ	1.00	03:29																												
ZZZZZZ	1.00	03:34																												
ZZZZZZ	1.00	03:39																												
ZZZZZZ	1.00	03:44																												
ZZZZZZ	1.00	03:49																												
ZZZZZZ	1.00	03:54																												
ZZZZZZ	1.00	03:59																												
CCV	1.00	04:07		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	04:12		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	04:17																												
ZZZZZZ	1.00	04:22																												
ZZZZZZ	1.00	04:28																												
AD84982-MBLK	1.00	04:36		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
AD84981-LFB	1.00	04:41		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	04:46																												
ZZZZZZ	1.00	04:51																												
ZZZZZZ	1.00	04:56																												
ZZZZZZ	1.00	05:01																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	5.00	05:06																												
CCV	1.00	05:14		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	05:19		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	05:24																												
ZZZZZZ	1.00	05:29																												
ZZZZZZ	1.00	05:34																												
ZZZZZZ	1.00	05:39																												
ZZZZZZ	1.00	05:45																												
ZZZZZZ	1.00	05:50																												
ZZZZZZ	1.00	05:55																												
ZZZZZZ	1.00	06:00																												
ZZZZZZ	1.00	06:05																												
ZZZZZZ	1.00	06:10																												
CCV	1.00	06:18		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	06:23		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	06:28																												
ZZZZZZ	1.00	06:33																												
ZZZZZZ	1.00	06:38																												
ZZZZZZ	1.00	06:43																												
90 CANAL ST. SUMP-	1.00	06:49		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
EB082808-WATER	1.00	06:54		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	06:59																												
CCV	1.00	07:07		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	07:12		X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	12:23		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	12:28		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 2	1.00	12:33		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 3	1.00	12:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
STD 3 VER	1.00	12:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICV	1.00	12:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICB	1.00	12:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CRI	1.00	12:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICSA	1.00	13:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICSAB	1.00	13:11		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCV	1.00	13:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	13:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	13:29																												
ZZZZZZ	1.00	13:34																												
ZZZZZZ	1.00	13:39																												
ZZZZZZ	1.00	13:44																												
ZZZZZZ	1.00	13:49																												
ZZZZZZ	1.00	13:54																												
ZZZZZZ	1.00	13:59																												
ZZZZZZ	1.00	14:04																												
ZZZZZZ	1.00	14:09																												
ZZZZZZ	1.00	14:14																												
CCV	1.00	14:22		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	14:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	14:32																												
ZZZZZZ	1.00	14:37																												
ZZZZZZ	1.00	14:42																												
ZZZZZZ	1.00	14:47																												
ZZZZZZ	1.00	14:52																												
ZZZZZZ	1.00	14:57																												
ZZZZZZ	1.00	15:02																												
ZZZZZZ	1.00	15:07																												
ZZZZZZ	5.00	15:12																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.00	15:17																											
CCV	1.00	15:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	15:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	15:35																											
ZZZZZZ	1.00	15:41																											
ZZZZZZ	1.00	15:46																											
ZZZZZZ	1.00	15:51																											
ZZZZZZ	1.00	15:56																											
ZZZZZZ	1.00	16:13																											
CCV	1.00	16:21		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	16:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	16:33																											
ZZZZZZ	5.00	16:38																											
ZZZZZZ	10.00	16:43																											
ZZZZZZ	5.00	16:48																											
ZZZZZZ	10.00	16:53																											
ZZZZZZ	10.00	16:58																											
ZZZZZZ	5.00	17:03																											
ZZZZZZ	25.00	17:08																											
ZZZZZZ	5.00	17:13																											
ZZZZZZ	5.00	17:18																											
CCV	1.00	17:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	17:31		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	5.00	17:36																											
ZZZZZZ	10.00	17:41																											
ZZZZZZ	5.00	17:46																											
ZZZZZZ	5.00	17:51																											
ZZZZZZ	10.00	17:56																											
ZZZZZZ	5.00	18:01																											
ZZZZZZ	10.00	18:06																											
ZZZZZZ	5.00	18:11																											
ZZZZZZ	10.00	18:16																											
ZZZZZZ	50.00	18:21																											

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																											
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN					
CCV	1.00	18:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCB	1.00	18:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
ZZZZZZ	10.00	18:40																													
ZZZZZZ	10.00	18:45																													
ZZZZZZ	10.00	18:50																													
ZZZZZZ	5.00	18:55																													
ZZZZZZ	5.00	19:00																													
ZZZZZZ	10.00	19:05																													
ZZZZZZ	10.00	19:10																													
ZZZZZZ	20.00	19:15																													
ZZZZZZ	5.00	19:21																													
AD850202-MBLK	1.00	19:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X	X	X	X					
CCV	1.00	19:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCB	1.00	19:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
AD850201-LCS	1.00	19:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
ZZZZZZ	1.00	19:51																													
ZZZZZZ	1.00	19:56																													
ZZZZZZ	1.00	20:01																													
ZZZZZZ	1.00	20:06																													
ZZZZZZ	1.00	20:11																													
MW-8 S2 4-6	1.00	20:16		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
ZZZZZZ	1.00	20:21																													
ZZZZZZ	5.00	20:26																													
ZZZZZZ	1.00	20:32																													
CCV	1.00	20:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					
CCB	1.00	20:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X					

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/5/2008 End Date: 9/5/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	10:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	10:38		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 2	1.00	10:43		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 3	1.00	10:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 3 VER	1.00	10:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	10:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	11:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	11:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.00	11:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	11:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.00	11:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	11:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	11:41																												
ZZZZZZ	1.00	11:46																												
AD850202-MBLK	1.00	11:52																		X										
ZZZZZZ	1.00	11:57																												
ZZZZZZ	1.00	12:02																												
ZZZZZZ	1.00	12:07																												
ZZZZZZ	1.00	12:12																												
ZZZZZZ	10.00	12:19																												
ZZZZZZ	1.00	12:24																												
ZZZZZZ	10.00	12:31																												
CCV	1.00	12:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	12:44		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	12:49																												
ZZZZZZ	1.00	12:55																												
ZZZZZZ	5.00	13:00																												
ZZZZZZ	5.00	13:05																												
ZZZZZZ	10.00	13:10																												
ZZZZZZ	5.00	13:15																												
ZZZZZZ	5.00	13:20																												
ZZZZZZ	10.00	13:25																												
ZZZZZZ	5.00	13:30																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/5/2008 End Date: 9/5/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	5.00	13:35																												
CCV	1.00	13:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	13:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	20.00	13:59																												
ZZZZZZ	10.00	14:05																												
ZZZZZZ	10.00	14:10																												
TP3-S1(4-6)	1.00	14:16		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
AD850415-MBLK	1.00	14:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
AD850414-LCS	1.00	14:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	14:34																												
ZZZZZZ	1.00	14:39																												
ZZZZZZ	1.00	14:44																												
ZZZZZZ	1.00	14:49																												
CCV	1.00	14:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	15:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	15:07																												
ZZZZZZ	1.00	15:12																												
ZZZZZZ	1.00	15:19																												
ZZZZZZ	1.00	15:24																												
ZZZZZZ	1.00	15:29																												
MW-9 S3,4-5	1.00	15:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
MW-9 S3,4-5L	5.00	15:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
MW-9 S3,4-5A	1.00	15:44		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
MW-9 S3,4-5\MS	1.00	15:49		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
MW-9 S3,4-5\SD	1.00	15:54		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCV	1.00	16:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	16:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 8/29/2008 End Date: 8/29/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	11:49		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	11:55		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 2	1.00	11:59		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 3	1.00	12:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 3 VER	1.00	12:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	12:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	12:21		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	12:28		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.00	12:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	12:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.00	12:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	12:51		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	12:56																												
ZZZZZZ	1.00	13:02																												
ZZZZZZ	1.00	13:07																												
ZZZZZZ	1.00	13:12																												
ZZZZZZ	1.00	13:18																												
ZZZZZZ	1.00	13:23																												
ZZZZZZ	1.00	13:29																												
ZZZZZZ	1.00	13:34																												
ZZZZZZ	1.00	13:39																												
ZZZZZZ	5.00	13:45																												
CCV	1.00	13:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1:00	13:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	14:05																												
ZZZZZZ	1.00	14:10																												
ZZZZZZ	1.00	14:15																												
ZZZZZZ	1.00	14:57																												
ZZZZZZ	1.00	15:07																												
ZZZZZZ	1.00	15:12																												
ZZZZZZ	1.00	15:18																												
ZZZZZZ	1.00	15:23																												
ZZZZZZ	1.00	15:28																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 8/29/2008 End Date: 8/29/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.00	15:34																											
CCV	1.00	15:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	15:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	5.00	15:51																											
ZZZZZZ	1.00	16:00																											
ZZZZZZ	1.00	16:05																											
ZZZZZZ	1.00	16:10																											
ZZZZZZ	1.00	16:16																											
ZZZZZZ	1.00	16:21																											
ZZZZZZ	1.00	16:27																											
ZZZZZZ	1.00	16:32																											
ZZZZZZ	1.00	16:37																											
ZZZZZZ	1.00	16:43																											
CCV	1.00	16:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	16:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	17:00																											
ZZZZZZ	1.00	17:06																											
ZZZZZZ	1.00	17:11																											
ZZZZZZ	1.00	17:16																											
ZZZZZZ	1.00	17:22																											
ZZZZZZ	1.00	17:27																											
ZZZZZZ	1.00	17:33																											
AD849060-MBLK	1.00	17:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
AD849059-LFB	1.00	17:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	17:49																											
CCV	1.00	17:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	18:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
EB082508-WATER	1.00	18:06		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
EB082608-WATER	1.00	18:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	18:17																											
ZZZZZZ	1.00	18:23																											
ZZZZZZ	1.00	18:28																											
ZZZZZZ	1.00	18:33																											

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 8/29/2008 End Date: 8/29/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	5.00	18:39																											
ZZZZZZ	1.00	18:44																											
ZZZZZZ	1.00	18:50																											
ZZZZZZ	1.00	18:55																											
CCV	1.00	19:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	19:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/2/2008 End Date: 9/2/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	11:09		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	11:14		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	11:19		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	11:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	11:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	11:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	11:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	11:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	11:51		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	11:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	12:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	12:09		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD848920-MBLK	1.00	12:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD848919-LCS	1.00	12:23		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP1-S1(10-11)	1.00	12:28		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP2-S1(1-3)	1.00	12:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP2-S2(8-10)	1.00	12:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	12:44																									
TP3-S2(7-9)	1.00	12:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
TP4-S1(8-10)	1.00	12:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SB-20-S1(4-6)	1.00	13:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	13:06																									
CCV	1.00	13:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	13:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	01:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	01:53		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 2	1.00	01:58		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X			
STD 3	1.00	02:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 3 VER	1.00	02:09		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICV	1.00	02:14		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICB	1.00	02:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CRI	1.00	02:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSA	1.00	02:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ICSAB	1.00	02:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCV	1.00	02:42		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	02:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
AD849893-MBLK	1.00	02:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
AD849892-LCS	1.00	02:59		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	03:04																												
ZZZZZZ	1.00	03:10																												
ZZZZZZ	1.00	03:15																												
ZZZZZZ	1.00	03:20																												
ZZZZZZ	1.00	03:26																												
ZZZZZZ	1.00	03:31																												
ZZZZZZ	1.00	03:37																												
ZZZZZZ	1.00	03:42																												
CCV	1.00	03:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	03:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	04:01																												
ZZZZZZ	1.00	04:07																												
ZZZZZZ	1.00	04:12																												
ZZZZZZ	1.00	04:18																												
ZZZZZZ	5.00	04:23																												
ZZZZZZ	1.00	04:28																												
ZZZZZZ	1.00	04:34																												
ZZZZZZ	1.00	04:39																												
ZZZZZZ	1.00	04:45																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	04:50																												
CCV	1.00	04:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	05:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	05:09																												
SB-21 S1-0.5-2.5	1.00	05:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
SB-21 S4-6.5-8.5	1.00	05:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
DUP082808	1.00	05:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	05:31																												
ZZZZZZ	1.00	05:36																												
CCV	1.00	05:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	05:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	12:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	12:41		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 2	1.00	12:45		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X	
STD 3	1.00	12:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	12:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	13:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	13:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	13:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	13:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	13:23		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	13:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	13:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	13:43																									
ZZZZZZ	1.00	13:49																									
ZZZZZZ	1.00	13:54																									
ZZZZZZ	1.00	13:59																									
ZZZZZZ	1.00	14:05																									
ZZZZZZ	5.00	14:10																									
ZZZZZZ	1.00	14:15																									
ZZZZZZ	1.00	14:21																									
ZZZZZZ	1.00	14:26																									
ZZZZZZ	1.00	14:32																									
CCV	1.00	14:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	14:44		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	14:55																									
ZZZZZZ	1.00	15:01																									
ZZZZZZ	1.00	15:07																									
AD850219-MBLK	1.00	15:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD850218-LFB	1.00	15:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	15:39																									
ZZZZZZ	1.00	15:45																									
ZZZZZZ	1.00	15:50																									
ZZZZZZ	1.00	15:55																									

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	16:01																												
CCV	1.00	16:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	16:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	16:18																												
ZZZZZZ	1.00	16:24																												
EB 082908-WATER	1.00	16:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	16:35																												
ZZZZZZ	1.00	16:40																												
ZZZZZZ	1.00	16:45																												
ZZZZZZ	1.00	16:51																												
ZZZZZZ	5.00	16:56																												
ZZZZZZ	1.00	17:02																												
ZZZZZZ	1.00	17:07																												
CCV	1.00	17:14		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	17:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	17:25																												
EB 090208-WATER	1.00	17:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
AD849862-MBLK	1.00	17:38							X																					
AD849861-LFB	1.00	17:44							X																					
ZZZZZZ	1.00	17:49																												
ZZZZZZ	1.00	17:54																												
ZZZZZZ	1.00	18:00																												
ZZZZZZ	1.00	18:05																												
ZZZZZZ	5.00	18:11																												
ZZZZZZ	1.00	18:16																												
CCV	1.00	18:23		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	18:28		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	18:34																												
ZZZZZZ	1.00	18:39																												
ZZZZZZ	1.00	18:44																												
ZZZZZZ	1.00	18:50																												
ZZZZZZ	1.00	18:55																												
ZZZZZZ	1.00	19:01																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	19:06																												
ZZZZZZ	1.00	19:11																												
ZZZZZZ	1.00	19:17																												
ZZZZZZ	1.00	19:22																												
CCV	1.00	19:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	19:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	19:40																												
90 CANAL ST. SUMP-	1.00	19:45							X																					
EB082808-WATER	1.00	19:51							X																					
CCV	1.00	19:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	20:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/2/2008 End Date: 9/2/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICV	1.00	12:36																X												
ICB	1.00	12:38																X												
CRA	1.00	12:39																X												
CCV	1.00	12:41																X												
CCB	1.00	12:42																X												
ZZZZZZ	1.00	12:44																												
ZZZZZZ	1.00	12:45																												
ZZZZZZ	1.00	12:47																												
ZZZZZZ	1.00	12:48																												
ZZZZZZ	1.00	12:50																												
ZZZZZZ	1.00	12:52																												
ZZZZZZ	1.00	12:53																												
ZZZZZZ	1.00	12:55																												
ZZZZZZ	1.00	12:57																												
ZZZZZZ	1.00	12:58																												
CCV	1.00	13:00																X												
CCB	1.00	13:01																X												
ZZZZZZ	1.00	13:03																												
ZZZZZZ	1.00	13:04																												
ZZZZZZ	1.00	13:05																												
ZZZZZZ	1.00	13:07																												
ZZZZZZ	1.00	13:08																												
ZZZZZZ	1.00	13:10																												
ZZZZZZ	1.00	13:11																												
ZZZZZZ	1.00	13:12																												
ZZZZZZ	1.00	13:14																												
ZZZZZZ	1.00	13:15																												
CCV	1.00	13:17																X												
CCB	1.00	13:19																X												
CCV	1.00	13:36																X												
CCB	1.00	13:37																X												
TP3-S1(4-6)	1.00	13:39																X												
TP3-S2(7-9)	1.00	13:40																X												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/2/2008 End Date: 9/2/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
TP4-S1(8-10)	1.00	13:42																X												
SB-20-S1(4-6)	1.00	13:43																X												
ZZZZZZ	1.00	13:45																												
ZZZZZZ	1.00	13:46																												
ZZZZZZ	1.00	13:49																												
ZZZZZZ	1.00	13:50																												
ZZZZZZ	1.00	13:52																												
ZZZZZZ	1.00	13:54																												
CCV	1.00	13:56																X												
CCB	1.00	13:58																X												
ZZZZZZ	1.00	13:59																												
ZZZZZZ	1.00	14:01																												
ZZZZZZ	1.00	14:02																												
SB-21 S1-0.5-2.5	1.00	14:04																X												
DUP082808	1.00	14:05																X												
AD849534-LCS	1.00	14:07																X												
AD849535-MBLK	1.00	14:09																X												
CRA	1.00	14:10																X												
CCV	1.00	14:11																X												
CCB	1.00	14:13																X												
ZZZZZZ	1.00	14:14																												
ZZZZZZ	1.00	14:15																												
ZZZZZZ	1.00	14:17																												
ZZZZZZ	1.00	14:19																												
TP1-S1(10-11)	1.00	14:20																X												
ZZZZZZ	1.00	14:24																												
TP1-S1(10-11)\MS	1.00	14:26																X												
TP1-S1(10-11)\SD	1.00	14:27																X												
ZZZZZZ	1.00	14:28																												
TP2-S2(8-10)	1.00	14:31																X												
CCV	1.00	14:32																X												
CCB	1.00	14:34																X												
TP2-S1(1-3)	20.00	14:35																X												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/2/2008 End Date: 9/2/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CRA	1.00	14:37																X									
CCV	1.00	14:38																X									
CCB	1.00	14:40																X									

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	15:05																X									
ICB	1.00	15:06																X									
CRA	1.00	15:08																X									
CCV	1.00	15:09																X									
CCBx	1.00	15:11																X									
CCB	1.00	15:13																X									
ZZZZZZ	1.00	15:14																									
ZZZZZZ	1.00	15:16																									
ZZZZZZ	1.00	15:17																									
ZZZZZZ	1.00	15:19																									
ZZZZZZ	1.00	15:20																									
ZZZZZZ	1.00	15:22																									
ZZZZZZ	1.00	15:23																									
ZZZZZZ	1.00	15:25																									
ZZZZZZ	1.00	15:26																									
ZZZZZZ	1.00	15:28																									
CCV	1.00	15:29																X									
CCB	1.00	15:31																X									
ZZZZZZ	1.00	15:33																									
ZZZZZZ	1.00	15:34																									
ZZZZZZ	1.00	15:36																									
ZZZZZZ	1.00	15:37																									
90 CANAL ST. SUMP-	1.00	15:38																X									
EB082808-WATER	1.00	15:40																X									
ZZZZZZ	1.00	15:42																									
ZZZZZZ	1.00	15:43																									
ZZZZZZ	1.00	15:45																									
EB 082908-WATER	1.00	15:46																X									
CCV	1.00	15:48																X									
CCB	1.00	15:50																X									
EB 090208-WATER	1.00	15:51																X									
AD850271-LFB	1.00	15:53																X									
AD850272-MBLK	1.00	15:54																X									

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/4/2008 End Date: 9/4/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CRA	1.00	15:56																X									
CCV	1.00	15:57																X									
CCB	1.00	15:58																X									

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 8/28/2008 End Date: 8/28/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	18:28																X									
ICB	1.00	18:30																X									
CRA	1.00	18:32																X									
ZZZZZZ	1.00	18:34																									
CCV	1.00	18:35																X									
CCB	1.00	18:37																X									
ZZZZZZ	1.00	18:38																									
ZZZZZZ	1.00	18:40																									
ZZZZZZ	1.00	18:41																									
ZZZZZZ	1.00	18:43																									
ZZZZZZ	1.00	18:44																									
ZZZZZZ	1.00	18:46																									
ZZZZZZ	1.00	18:47																									
ZZZZZZ	1.00	18:49																									
ZZZZZZ	1.00	18:50																									
ZZZZZZ	1.00	18:52																									
CCV	1.00	18:54																X									
CCB	1.00	18:56																X									
ZZZZZZ	1.00	18:57																									
ZZZZZZ	1.00	18:59																									
ZZZZZZ	1.00	19:00																									
ZZZZZZ	1.00	19:02																									
ZZZZZZ	1.00	19:04																									
ZZZZZZ	1.00	19:06																									
ZZZZZZ	1.00	19:07																									
ZZZZZZ	1.00	19:09																									
ZZZZZZ	1.00	19:10																									
ZZZZZZ	1.00	19:12																									
CCV	1.00	19:14																X									
CCB	1.00	19:15																X									
ZZZZZZ	1.00	19:16																									
ZZZZZZ	1.00	19:18																									
ZZZZZZ	1.00	19:19																									

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 8/28/2008 End Date: 8/28/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	19:21																											
ZZZZZZ	1.00	19:22																											
ZZZZZZ	1.00	19:24																											
ZZZZZZ	1.00	19:25																											
ZZZZZZ	1.00	19:27																											
ZZZZZZ	1.00	19:28																											
ZZZZZZ	1.00	19:30																											
CCV	1.00	19:31																X											
CCB	1.00	19:33																X											
ZZZZZZ	1.00	19:35																											
ZZZZZZ	1.00	19:36																											
ZZZZZZ	1.00	19:38																											
ZZZZZZ	1.00	19:40																											
ZZZZZZ	1.00	19:41																											
ZZZZZZ	1.00	19:43																											
ZZZZZZ	1.00	19:45																											
ZZZZZZ	1.00	19:47																											
ZZZZZZ	1.00	19:49																											
ZZZZZZ	1.00	19:50																											
CCV	1.00	19:52																X											
CCB	1.00	19:54																X											
ZZZZZZ	1.00	19:56																											
ZZZZZZ	1.00	19:57																											
ZZZZZZ	1.00	19:59																											
ZZZZZZ	1.00	20:01																											
EB082508-WATER	1.00	20:02																X											
EB082608-WATER	1.00	20:04																X											
ZZZZZZ	1.00	20:05																											
AD848845-LFB	1.00	20:06																X											
AD848846-MBLK	1.00	20:08																X											
CRA	1.00	20:10																X											
CCV	1.00	20:11																X											
CCB	1.00	20:13																X											

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/5/2008 End Date: 9/5/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICV	1.00	13:20																X												
ICB	1.00	13:22																X												
CRA	1.00	13:23																X												
CCV	1.00	13:25																X												
CCB	1.00	13:26																X												
ZZZZZZ	1.00	13:28																												
ZZZZZZ	1.00	13:29																												
ZZZZZZ	1.00	13:31																												
MW-8 S2 4-6	1.00	13:32																X												
ZZZZZZ	1.00	13:34																												
ZZZZZZ	1.00	13:35																												
ZZZZZZ	1.00	13:37																												
ZZZZZZ	1.00	13:38																												
ZZZZZZ	1.00	13:40																												
ZZZZZZ	1.00	13:41																												
CCV	1.00	13:43																X												
CCB	1.00	13:44																X												
ZZZZZZ	1.00	13:46																												
MW-9 S3,4-5	1.00	13:47																X												
ZZZZZZ	1.00	13:49																												
MW-9 S3,4-5\MS	1.00	13:50																X												
MW-9 S3,4-5\SD	1.00	13:52																X												
ZZZZZZ	1.00	13:54																												
ZZZZZZ	1.00	13:55																												
ZZZZZZ	1.00	13:57																												
ZZZZZZ	1.00	13:58																												
ZZZZZZ	1.00	14:00																												
CCV	1.00	14:02																X												
CCB	1.00	14:03																X												
ZZZZZZ	1.00	14:04																												
ZZZZZZ	1.00	14:06																												
ZZZZZZ	1.00	14:08																												
AD850437-LCS	1.00	14:09																X												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/5/2008 End Date: 9/5/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
AD850438-MBLK	1.00	14:11																X												
CRA	1.00	14:12																X												
CCV	1.00	14:14																X												
CCB	1.00	14:16																X												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: A475

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/11/2008 End Date: 9/11/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICV	1.00	13:05																X												
ICB	1.00	13:06																X												
CRA	1.00	13:08																X												
CCV	1.00	13:09																X												
CCB	1.00	13:11																X												
ZZZZZZ	1.00	13:12																												
SB-21 S4-6.5-8.5	1.00	13:14																X												
ZZZZZZ	1.00	13:15																												
ZZZZZZ	1.00	13:17																												
ZZZZZZ	1.00	13:18																												
ZZZZZZ	1.00	13:20																												
ZZZZZZ	1.00	13:21																												
ZZZZZZ	1.00	13:23																												
ZZZZZZ	1.00	13:24																												
ZZZZZZ	1.00	13:26																												
ZZZZZZ	1.00	13:28																												
CCV	1.00	13:29																X												
CCB	1.00	13:31																X												
ZZZZZZ	1.00	13:32																												
ZZZZZZ	1.00	13:34																												
ZZZZZZ	1.00	13:35																												
ZZZZZZ	1.00	13:37																												
AD851515-LCS	1.00	13:38																X												
AD851516-MBLK	1.00	13:40																X												
CRA	1.00	13:42																X												
CCV	1.00	13:43																X												
CCB	1.00	13:45																X												

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Metals Raw Data

Analysis Report 09/04/08 07:17:47 AM page 1

TestAmerica Buffalo Analyst: TWS

Primary Review: [illegible] Date: 9/4/08 Secondary Review: TWS Date: 9/4/08

Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12

Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-085-A	1090308	TRACE1	09/03/08	08:53		X	IR
2	STD 1 12-089-C	1090308	TRACE1	09/03/08	08:58		X	IR
3	STD 2 12-089-D	1090308	TRACE1	09/03/08	09:03		X	IR
4	STD 3 12-089-B	1090308	TRACE1	09/03/08	09:08		X	IR
5	STD 3 VER 1	1090308	TRACE1	09/03/08	09:13	TWS	B	CONC
6	ICV 12-095-E	1090308	TRACE1	09/03/08	09:18	TWS	Q	CONC
7	ICB 12-085-A	1090308	TRACE1	09/03/08	09:23	TWS	B	CONC
8	CRI 12-094-A	1090308	TRACE1	09/03/08	09:28	TWS	B	CONC
9	ICSA 12-094-B	1090308	TRACE1	09/03/08	09:33	TWS	Q	CONC
10	ICSAB 12-094-C	1090308	TRACE1	09/03/08	09:38	TWS	Q	CONC
11	CCV 12-093-F	1090308	TRACE1	09/03/08	09:46	TWS	Q	CONC
12	CCB 12-085-A	1090308	TRACE1	09/03/08	09:51	TWS	B	CONC
13	AD849310/PB	1090308	TRACE1	09/03/08	10:03	TWS	S	CONC
14	AD849309/LCS	1090308	TRACE1	09/03/08	10:08	TWS	S	CONC
15	AD849308/EBLK	1090308	TRACE1	09/03/08	10:13	TWS	S	CONC
16	AD849306/LCS	1090308	TRACE1	09/03/08	10:18	TWS	S	CONC
17	AD849305/EBLK	1090308	TRACE1	09/03/08	10:23	TWS	S	CONC
18	AD849302 A478	1090308	TRACE1	09/03/08	10:28	TWS	S	CONC
19	AD849302/L (1:5)	1090308	TRACE1	09/03/08	10:33	TWS	S	CONC
20	AD849302/PS	1090308	TRACE1	09/03/08	10:38	TWS	S	CONC
21	AD849303/MS	1090308	TRACE1	09/03/08	10:43	TWS	S	CONC
22	RINSE	1090308	TRACE1	09/03/08	10:49	TWS	S	CONC
23	CCV	1090308	TRACE1	09/03/08	10:58	TWS	Q	CONC
24	CCB	1090308	TRACE1	09/03/08	11:03	TWS	B	CONC
25	AD849304/SD	1090308	TRACE1	09/03/08	11:08	TWS	S	CONC
26	AD849302/(1:10)	1090308	TRACE1	09/03/08	11:18	TWS	S	CONC
27	AD849302/L (1:50)	1090308	TRACE1	09/03/08	11:23	TWS	S	CONC
28	AD849302/PS (1:10)	1090308	TRACE1	09/03/08	11:28	TWS	S	CONC
29	AD849303/MS (1:10)	1090308	TRACE1	09/03/08	11:33	TWS	S	CONC
30	AD849304/SD (1:10)	1090308	TRACE1	09/03/08	11:38	TWS	S	CONC
31	AD849307	1090308	TRACE1	09/03/08	11:46	TWS	S	CONC
32	AD849397/(1:10) A538	1090308	TRACE1	09/03/08	11:55	TWS	S	CONC
33	AD849480/PB	1090308	TRACE1	09/03/08	12:03	TWS	S	CONC
34	AD849479/CLPSL	1090308	TRACE1	09/03/08	12:08	TWS	S	CONC
35	CCV	1090308	TRACE1	09/03/08	12:19	TWS	Q	CONC
36	CCB	1090308	TRACE1	09/03/08	12:24	TWS	B	CONC
37	AD849476 A627	1090308	TRACE1	09/03/08	12:29	TWS	S	CONC
38	AD849477	1090308	TRACE1	09/03/08	12:34	TWS	S	CONC
39	AD849478 A628	1090308	TRACE1	09/03/08	12:39	TWS	S	CONC
40	AD849344 A532	1090308	TRACE1	09/03/08	12:44	TWS	S	CONC
41	AD849345	1090308	TRACE1	09/03/08	12:49	TWS	S	CONC
42	AD849346 A537	1090308	TRACE1	09/03/08	12:54	TWS	S	CONC
43	AD849347	1090308	TRACE1	09/03/08	12:59	TWS	S	CONC
44	CRI	1090308	TRACE1	09/03/08	13:10	TWS	B	CONC
45	ICSA	1090308	TRACE1	09/03/08	13:15	TWS	Q	CONC
46	ICSAB	1090308	TRACE1	09/03/08	13:20	TWS	Q	CONC
47	CCV	1090308	TRACE1	09/03/08	13:28	TWS	Q	CONC
48	CCB	1090308	TRACE1	09/03/08	13:33	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD849348 A537	1090308	TRACE1	09/03/08	13:38	TWS	S	CONC
50	AD849349	1090308	TRACE1	09/03/08	13:43	TWS	S	CONC
51	AD849350 A550	1090308	TRACE1	09/03/08	13:48	TWS	S	CONC
52	AD849351	1090308	TRACE1	09/03/08	13:53	TWS	S	CONC
53	AD849352	1090308	TRACE1	09/03/08	13:58	TWS	S	CONC
54	AD849352/L (1:5)	1090308	TRACE1	09/03/08	14:07	TWS	S	CONC
55	AD849352/PS	1090308	TRACE1	09/03/08	14:12	TWS	S	CONC
56	AD849353/MS	1090308	TRACE1	09/03/08	14:17	TWS	S	CONC
57	AD849354/SD	1090308	TRACE1	09/03/08	14:22	TWS	S	CONC
58	AD849355	1090308	TRACE1	09/03/08	14:28	TWS	S	CONC
59	CCV	1090308	TRACE1	09/03/08	14:36	TWS	Q	CONC
60	CCB 4/9/08	1090308	TRACE1	09/03/08	14:41	TWS	B	CONC
61	~~AD849356~~ A8A36401/SOL	1090308	TRACE1	09/03/08	14:46	TWS	S	CONC
62	AD849387 A521	1090308	TRACE1	09/03/08	15:01	TWS	S	CONC
63	AD849394	1090308	TRACE1	09/03/08	15:06	TWS	S	CONC
64	A8A40705/TOT	1090308	TRACE1	09/03/08	15:13	TWS	S	CONC
65	A8A40725/TOT	1090308	TRACE1	09/03/08	15:18	TWS	S	CONC
66	AD849356	1090308	TRACE1	09/03/08	15:23	TWS	S	CONC
67	AD849356/(1:5)	1090308	TRACE1	09/03/08	15:30	TWS	S	CONC
68	AD849721/PB	1090308	TRACE1	09/03/08	15:43	TWS	S	CONC
69	AD849720/FB	1090308	TRACE1	09/03/08	15:48	TWS	S	CONC
70	AD849698 A459	1090308	TRACE1	09/03/08	15:53	TWS	S	CONC
71	CCV	1090308	TRACE1	09/03/08	16:01	TWS	Q	CONC
72	CCB	1090308	TRACE1	09/03/08	16:06	TWS	B	CONC
73	AD849699 A539	1090308	TRACE1	09/03/08	16:11	TWS	S	CONC
74	AD849700	1090308	TRACE1	09/03/08	16:16	TWS	S	CONC
75	AD849701	1090308	TRACE1	09/03/08	16:21	TWS	S	CONC
76	AD849702	1090308	TRACE1	09/03/08	16:26	TWS	S	CONC
77	AD849703	1090308	TRACE1	09/03/08	16:31	TWS	S	CONC
78	AD849704 A586	1090308	TRACE1	09/03/08	16:36	TWS	S	CONC
79	AD849705	1090308	TRACE1	09/03/08	16:41	TWS	S	CONC
80	AD849706	1090308	TRACE1	09/03/08	16:47	TWS	S	CONC
81	AD849706/L (1:5)	1090308	TRACE1	09/03/08	16:52	TWS	S	CONC
82	AD849706/PS	1090308	TRACE1	09/03/08	16:57	TWS	S	CONC
83	CCV	1090308	TRACE1	09/03/08	17:05	TWS	Q	CONC
84	CCB	1090308	TRACE1	09/03/08	17:10	TWS	B	CONC
85	AD849707/MS	1090308	TRACE1	09/03/08	17:15	TWS	S	CONC
86	AD849708/SD	1090308	TRACE1	09/03/08	17:20	TWS	S	CONC
87	AD849709	1090308	TRACE1	09/03/08	17:25	TWS	S	CONC
88	AD849710	1090308	TRACE1	09/03/08	17:30	TWS	S	CONC
89	AD849711	1090308	TRACE1	09/03/08	17:35	TWS	S	CONC
90	AD849712	1090308	TRACE1	09/03/08	17:40	TWS	S	CONC
91	AD849713	1090308	TRACE1	09/03/08	17:45	TWS	S	CONC
92	AD849714	1090308	TRACE1	09/03/08	17:50	TWS	S	CONC
93	AD849715	1090308	TRACE1	09/03/08	17:55	TWS	S	CONC
94	AD849716	1090308	TRACE1	09/03/08	18:00	TWS	S	CONC
95	CCV	1090308	TRACE1	09/03/08	18:08	TWS	Q	CONC
96	CCB	1090308	TRACE1	09/03/08	18:13	TWS	B	CONC
97	STD BLK	1090308	TRACE1	09/03/08	18:29		X	IR
98	STD 1	1090308	TRACE1	09/03/08	18:34		X	IR
99	STD 2	1090308	TRACE1	09/03/08	18:39		X	IR
100	STD 3	1090308	TRACE1	09/03/08	18:43		X	IR
101	STD 3 VER	1090308	TRACE1	09/03/08	18:48	TWS	B	CONC
102	ICV	1090308	TRACE1	09/03/08	18:53	TWS	Q	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICB	1090308	TRACE1	09/03/08	18:59	TWS	B	CONC
104	CRI	1090308	TRACE1	09/03/08	19:04	TWS	B	CONC
105	ICSA	1090308	TRACE1	09/03/08	19:09	TWS	Q	CONC
106	ICSAB	1090308	TRACE1	09/03/08	19:14	TWS	Q	CONC
107	CCV	1090308	TRACE1	09/03/08	19:22	TWS	Q	CONC
108	CCB	1090308	TRACE1	09/03/08	19:27	TWS	B	CONC
109	AD849717 A586	1090308	TRACE1	09/03/08	19:32	TWS	S	CONC
110	AD849718	1090308	TRACE1	09/03/08	19:37	TWS	S	CONC
111	AD849719	1090308	TRACE1	09/03/08	19:42	TWS	S	CONC
112	AD849652/PB	1090308	TRACE1	09/03/08	19:50	TWS	S	CONC
113	AD849651/CLPSL	1090308	TRACE1	09/03/08	19:55	TWS	S	CONC
114	AD849633 A597	1090308	TRACE1	09/03/08	20:00	TWS	S	CONC
115	AD849634	1090308	TRACE1	09/03/08	20:05	TWS	S	CONC
116	AD849635	1090308	TRACE1	09/03/08	20:10	TWS	S	CONC
117	AD849635/L (1:5)	1090308	TRACE1	09/03/08	20:15	TWS	S	CONC
118	AD849635/PS	1090308	TRACE1	09/03/08	20:20	TWS	S	CONC
119	CCV	1090308	TRACE1	09/03/08	20:28	TWS	Q	CONC
120	CCB	1090308	TRACE1	09/03/08	20:33	TWS	B	CONC
121	AD849636/MS	1090308	TRACE1	09/03/08	20:38	TWS	S	CONC
122	AD849637/SD	1090308	TRACE1	09/03/08	20:43	TWS	S	CONC
123	AD849638 A609	1090308	TRACE1	09/03/08	20:49	TWS	S	CONC
124	AD849639	1090308	TRACE1	09/03/08	20:54	TWS	S	CONC
125	AD849640	1090308	TRACE1	09/03/08	20:59	TWS	S	CONC
126	AD849641	1090308	TRACE1	09/03/08	21:04	TWS	S	CONC
127	AD849642	1090308	TRACE1	09/03/08	21:09	TWS	S	CONC
128	AD849643	1090308	TRACE1	09/03/08	21:14	TWS	S	CONC
129	AD849644	1090308	TRACE1	09/03/08	21:19	TWS	S	CONC
130	AD849645	1090308	TRACE1	09/03/08	21:24	TWS	S	CONC
131	CCV	1090308	TRACE1	09/03/08	21:32	TWS	Q	CONC
132	CCB	1090308	TRACE1	09/03/08	21:37	TWS	B	CONC
133	AD849646	1090308	TRACE1	09/03/08	21:42	TWS	S	CONC
134	AD849647 A611	1090308	TRACE1	09/03/08	21:47	TWS	S	CONC
135	AD849648	1090308	TRACE1	09/03/08	21:52	TWS	S	CONC
136	AD849817/PB	1090308	TRACE1	09/03/08	22:00	TWS	S	CONC
137	AD849816/FB	1090308	TRACE1	09/03/08	22:05	TWS	S	CONC
138	AD849796 A484	1090308	TRACE1	09/03/08	22:10	TWS	S	CONC
139	AD849797 A496	1090308	TRACE1	09/03/08	22:16	TWS	S	CONC
140	AD849798 A504	1090308	TRACE1	09/03/08	22:21	TWS	S	CONC
141	AD849799	1090308	TRACE1	09/03/08	22:26	TWS	S	CONC
142	AD849800	1090308	TRACE1	09/03/08	22:31	TWS	S	CONC
143	CCV	1090308	TRACE1	09/03/08	22:39	TWS	Q	CONC
144	CCB	1090308	TRACE1	09/03/08	22:44	TWS	B	CONC
145	AD849801 A505	1090308	TRACE1	09/03/08	22:49	TWS	S	CONC
146	AD849802 A581	1090308	TRACE1	09/03/08	22:54	TWS	S	CONC
147	AD849803 A601	1090308	TRACE1	09/03/08	22:59	TWS	S	CONC
148	AD849804	1090308	TRACE1	09/03/08	23:04	TWS	S	CONC
149	AD849805	1090308	TRACE1	09/03/08	23:09	TWS	S	CONC
150	AD849806 A602	1090308	TRACE1	09/03/08	23:14	TWS	S	CONC
151	AD849807 A604	1090308	TRACE1	09/03/08	23:19	TWS	S	CONC
152	AD849808	1090308	TRACE1	09/03/08	23:24	TWS	S	CONC
153	AD849809	1090308	TRACE1	09/03/08	23:29	TWS	S	CONC
154	AD849812 A607	1090308	TRACE1	09/03/08	23:35	TWS	S	CONC
155	CCV	1090308	TRACE1	09/03/08	23:43	TWS	Q	CONC
156	CCB	1090308	TRACE1	09/03/08	23:48	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD849813 A621	1090308	TRACE1	09/03/08	23:53	TWS	S	CONC
158	AD849814	1090308	TRACE1	09/03/08	23:58	TWS	S	CONC
159	AD849815	1090308	TRACE1	09/04/08	00:03	TWS	S	CONC
160	AD849815/L (1:5)	1090308	TRACE1	09/04/08	00:08	TWS	S	CONC
161	AD849815/PS	1090308	TRACE1	09/04/08	00:13	TWS	S	CONC
162	AD849863/MS	1090308	TRACE1	09/04/08	00:18	TWS	S	CONC
163	AD849864/SD	1090308	TRACE1	09/04/08	00:23	TWS	S	CONC
164	AD849697/PB	1090308	TRACE1	09/04/08	00:31	TWS	S	CONC
165	AD849696/FB	1090308	TRACE1	09/04/08	00:36	TWS	S	CONC
166	AD849675 A504	1090308	TRACE1	09/04/08	00:41	TWS	S	CONC
167	CCV	1090308	TRACE1	09/04/08	00:49	TWS	Q	CONC
168	CCB	1090308	TRACE1	09/04/08	00:55	TWS	B	CONC
169	AD849676 A553	1090308	TRACE1	09/04/08	01:00	TWS	S	CONC
170	AD849677	1090308	TRACE1	09/04/08	01:05	TWS	S	CONC
171	AD849678	1090308	TRACE1	09/04/08	01:10	TWS	S	CONC
172	AD849679	1090308	TRACE1	09/04/08	01:15	TWS	S	CONC
173	AD849680	1090308	TRACE1	09/04/08	01:20	TWS	S	CONC
174	AD849681 A554	1090308	TRACE1	09/04/08	01:25	TWS	S	CONC
175	AD849682	1090308	TRACE1	09/04/08	01:30	TWS	S	CONC
176	AD849683	1090308	TRACE1	09/04/08	01:35	TWS	S	CONC
177	AD849683/L (1:5)	1090308	TRACE1	09/04/08	01:40	TWS	S	CONC
178	CCV	1090308	TRACE1	09/04/08	01:48	TWS	Q	CONC
179	CCB	1090308	TRACE1	09/04/08	01:53	TWS	B	CONC
180	STD BLK	1090308	TRACE1	09/04/08	02:11		X	IR
181	STD 1	1090308	TRACE1	09/04/08	02:16		X	IR
182	STD 2	1090308	TRACE1	09/04/08	02:20		X	IR
183	STD 3	1090308	TRACE1	09/04/08	02:25		X	IR
184	STD 3 VER	1090308	TRACE1	09/04/08	02:30	TWS	B	CONC
185	ICV	1090308	TRACE1	09/04/08	02:35	TWS	Q	CONC
186	ICB	1090308	TRACE1	09/04/08	02:40	TWS	B	CONC
187	CRI	1090308	TRACE1	09/04/08	02:45	TWS	B	CONC
188	ICSA	1090308	TRACE1	09/04/08	02:50	TWS	Q	CONC
189	ICSAB	1090308	TRACE1	09/04/08	02:55	TWS	Q	CONC
190	CCV	1090308	TRACE1	09/04/08	03:03	TWS	Q	CONC
191	CCB	1090308	TRACE1	09/04/08	03:08	TWS	B	CONC
192	AD849683/PS	1090308	TRACE1	09/04/08	03:13	TWS	S	CONC
193	AD849684/MS	1090308	TRACE1	09/04/08	03:18	TWS	S	CONC
194	AD849685/SD	1090308	TRACE1	09/04/08	03:24	TWS	S	CONC
195	AD849686 A556	1090308	TRACE1	09/04/08	03:29	TWS	S	CONC
196	AD849687	1090308	TRACE1	09/04/08	03:34	TWS	S	CONC
197	AD849688 A582	1090308	TRACE1	09/04/08	03:39	TWS	S	CONC
198	AD849689 A621	1090308	TRACE1	09/04/08	03:44	TWS	S	CONC
199	AD849690	1090308	TRACE1	09/04/08	03:49	TWS	S	CONC
200	AD849691	1090308	TRACE1	09/04/08	03:54	TWS	S	CONC
201	AD849692 A622	1090308	TRACE1	09/04/08	03:59	TWS	S	CONC
202	CCV	1090308	TRACE1	09/04/08	04:07	TWS	Q	CONC
203	CCB	1090308	TRACE1	09/04/08	04:12	TWS	B	CONC
204	AD849693 A623	1090308	TRACE1	09/04/08	04:17	TWS	S	CONC
205	AD849694	1090308	TRACE1	09/04/08	04:22	TWS	S	CONC
206	AD849695	1090308	TRACE1	09/04/08	04:28	TWS	S	CONC
207	AD849862/PB	1090308	TRACE1	09/04/08	04:36	TWS	S	CONC
208	AD849861/FB	1090308	TRACE1	09/04/08	04:41	TWS	S	CONC
209	AD849842 A527	1090308	TRACE1	09/04/08	04:46	TWS	S	CONC
210	AD849843	1090308	TRACE1	09/04/08	04:51	TWS	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD849844 A527	1090308	TRACE1	09/04/08	04:56	TWS	S	CONC
212	AD849845	1090308	TRACE1	09/04/08	05:01	TWS	S	CONC
213	AD849845/L (1:5)	1090308	TRACE1	09/04/08	05:06	TWS	S	CONC
214	CCV	1090308	TRACE1	09/04/08	05:14	TWS	Q	CONC
215	CCB	1090308	TRACE1	09/04/08	05:19	TWS	B	CONC
216	AD849845/PS	1090308	TRACE1	09/04/08	05:24	TWS	S	CONC
217	AD849846/MS	1090308	TRACE1	09/04/08	05:29	TWS	S	CONC
218	AD849847/SD	1090308	TRACE1	09/04/08	05:34	TWS	S	CONC
219	AD849848	1090308	TRACE1	09/04/08	05:39	TWS	S	CONC
220	AD849849	1090308	TRACE1	09/04/08	05:45	TWS	S	CONC
221	AD849850	1090308	TRACE1	09/04/08	05:50	TWS	S	CONC
222	AD849851	1090308	TRACE1	09/04/08	05:55	TWS	S	CONC
223	AD849852	1090308	TRACE1	09/04/08	06:00	TWS	S	CONC
224	AD849853 A551	1090308	TRACE1	09/04/08	06:05	TWS	S	CONC
225	AD849854	1090308	TRACE1	09/04/08	06:10	TWS	S	CONC
226	CCV	1090308	TRACE1	09/04/08	06:18	TWS	Q	CONC
227	CCB	1090308	TRACE1	09/04/08	06:23	TWS	B	CONC
228	AD849855 A558	1090308	TRACE1	09/04/08	06:28	TWS	S	CONC
229	AD849856 A578	1090308	TRACE1	09/04/08	06:33	TWS	S	CONC
230	AD849857 A582	1090308	TRACE1	09/04/08	06:38	TWS	S	CONC
231	AD849858	1090308	TRACE1	09/04/08	06:43	TWS	S	CONC
232	AD849859 A629	1090308	TRACE1	09/04/08	06:49	TWS	S	CONC
233	AD849860	1090308	TRACE1	09/04/08	06:54	TWS	S	CONC
234	AD849894 A362	1090308	TRACE1	09/04/08	06:59	TWS	S	CONC
235	CCV	1090308	TRACE1	09/04/08	07:07	TWS	Q	CONC
236	CCB	1090308	TRACE1	09/04/08	07:12	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.15559	4.52749	21.8695	44.3173	50.294	18.759
2	As1890	-.0172	1.24669	6.32767	12.763	1.0034	.37786
3	B_2496	.00233	.42187	2.08971	4.24777	1.0063	.37841
4	Ba4934	.00089	.74791	3.74326	7.5992	1.0088	.37750
5	Be3130	.1292	1.71453	8.03393	16.0722	1.0021	.37707
6	Ca3179	.02595			45.3629	49.577	18.596
7	Cd2265	.00142	2.13766	10.4017	20.8512	.98904	.37557
8	Co2286	-.0057	.88073	4.40262	8.88035	1.0004	.37631
9	Cr2677	.00259	.72179	3.58529	7.24071	1.0032	.37616
10	Cu3247	.00741	.51359	2.53873	5.14586	1.0080	.37643
11	Fe2714	-.00008	.78999	3.91566	7.90477	50.015	18.793
12	K_7664	-.12674			139.69	49.616	18.753
13	Mg2790	-.00036			23.7745	49.508	18.427
14	Mn2576	.00071	.426	2.11429	4.26589	1.0016	.37636
15	Na3302	.00232			2.31283	49.919	18.419
16	Ni2316	-.01085	.71892	3.59687	7.2682	1.0001	.37839
17	2203/1	.01976	.60288	2.91039	5.8205	.99811	.37512
18	2203/2	-.0281	3.24343	16.0054	32.1891	.99405	.37590
19	Sb2068	-.0032	.21278	1.04213	2.09592	.98773	.37418
20	1960/1	-.06112	.37245	2.0596	4.18766	.99687	.37613
21	1960/2	.04951	.52684	2.52716	5.08536	1.0232	.38485
22	Ti3372	-.00685	1.22775	6.13884	12.4216	1.0028	.37952
23	Tl1908	-.02922	.36596	1.96608	3.98759	1.0007	.38157
24	V_2924	.00026	.09216	.45895	.92986	1.0070	.37767
25	Zn2062	.00097	.09728	.47412	.95126	.99606	.37725
26	Sn1899	-.0016	.06694	.34066	.68956	1.0009	.38158
27	Ag3280	-.04315	.64803	3.40259	6.96772	1.0074	.37697
28	Mo2020	-.00035	.29956	1.47941	2.99557	1.0013	.38161
29	*Y	5607.38	5571.53	5533.28	5491.12	5510.93	5537.03
30	PB2203					.99540	.37564
31	SE1960					1.0144	.38194

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	-.00208	.19956	558.51	509.59	24.606	.02362
2	As1890	.00077	.01126	.00408	.11053	.49621	-.00104
3	B_2496	.00049	.02210	.00147	.04208	.49525	.00133
4	Ba4934	.00016	.00201	.00082	.51910	.49647	.00000
5	Be3130	.00017	.00206	.00113	.48793	.49714	.00001
6	Ca3179	.00726	.49212	560.68	505.99	24.537	.02910
7	Cd2265	.00024	.00113	.00164	.97840	.49443	.00021
8	Co2286	.00049	.00384	.00005	.48720	.49671	.00018
9	Cr2677	.00017	.00434	-.00026	.48888	.49632	-.00007
10	Cu3247	.00084	.01038	-.00032	.52225	.49551	.00003
11	Fe2714	.00218	.05654	217.91	98.534	24.742	.00556
12	K_7664	.02345	.48844	.03919	.02278	24.626	-.01349
13	Mg2790	.00615	.19875	547.63	495.32	24.183	.02746
14	Mn2576	.00010	.00310	.00034	.48600	.49525	.00008
15	Na3302	.07929	1.2104	.25992	.23228	24.503	-.14980
16	Ni2316	.00058	.00899	.00099	.94222	.49754	-.00064
17	2203/1	.00039	.00581	.03406	.07925	.49734	-.00041
18	2203/2	.00014	.00585	-.02325	.02737	.49540	.00168

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00441	.02235	.00695	.62067	.48520	.00340
20	1960/1	.00362	.01523	.00607	.04832	.49573	.00082
21	1960/2	-.00377	.01898	-.00642	.04732	.50484	-.00017
22	Ti3372	.00037	.00501	.00029	.00194	.49136	.00007
23	Tl1908	.00325	.02418	.00235	.10001	.50203	.00318
24	V_2924	.00000	.00553	.00097	.51432	.49582	-.00009
25	Zn2062	.00066	.01113	-.00264	.94876	.49486	-.00010
26	Sn1899	.00181	.01012	.00512	.00395	.50240	-.00038
27	Ag3280	.00071	.00281	.00091	.21495	.49986	-.00013
28	Mo2020	.00153	.01085	.00252	.00278	.49043	.00092
29	*Y	5559.3	5598	4836.9	5174.85	5537.78	5610.23
30	PB2203	.00023	.00584	-.00416	.04464	.49605	.00098
31	SE1960	-.00130	.01773	-.00226	.04765	.50180	.00015

#	Element	AD8'0/PB	AD8'/LCS	AD8'EBLK	AD8'/LCS	AD8'EBLK	AD849302
1	Al3082	.06656	.10608	.13101	.06638	.07904	78.776
2	As1890	-.00145	1.0277	-.00098	1.0553	-.00077	.05142
3	B_2496	.01097	.12329	H.11428	.10129	H.12040	H404.93
4	Ba4934	.00021	1.0084	H.02276	1.0315	H.00634	H31.903
5	Be3130	.00019	.98948	.00081	.97719	.00002	.01883
6	Ca3179	.16440	1.0606	H.90121	.74858	H1.0192	605.10
7	Cd2265	.00021	1.0095	.00014	1.0333	.00033	.00780
8	Co2286	.00005	.96847	.00038	.97493	.00018	24.372
9	Cr2677	-.00033	.96780	.00134	.97769	.00015	.03922
10	Cu3247	.00133	1.0170	.00494	1.0497	.00426	H60.639
11	Fe2714	-.00421	.10093	.00232	.09529	.01962	14.599
12	K_7664	.01220	.11606	H.51836	.48812	.12182	107.83
13	Mg2790	.01534	.20847	.17069	.15649	H.20429	16.199
14	Mn2576	.00021	.99178	.00118	1.0027	H.00308	H44.115
15	Na3302	.20754	11.158	H1167.6	1114.9	H9.0966	H934.76
16	Ni2316	-.00033	1.0126	.00039	1.0060	.00192	H62.750
17	2203/1	.00054	.97685	.00217	.99447	.00157	.01542
18	2203/2	.00075	.98013	.00338	1.0040	.00183	.00656
19	Sb2068	.00349	.95536	.00335	.99068	.00376	10.183
20	1960/1	.00206	1.0277	.00598	1.0500	.00488	.01573
21	1960/2	-.00388	1.0370	-.00131	1.0674	.00120	-.00087
22	Ti3372	.00012	.00153	.00031	.00025	.00162	2.7528
23	Tl1908	.00153	.99666	.00269	1.0227	.00090	.01774
24	V_2924	.00000	1.0065	.00055	1.0252	.00019	.00858
25	Zn2062	.00679	1.0109	H.01224	1.0388	.00993	H110.86
26	Sn1899	.00006	.00568	-.00002	.00092	.00501	.02799
27	Ag3280	-.00008	.99166	.00054	1.0067	.00061	.01768
28	Mo2020	.00011	.99158	.00299	1.0081	.00035	.04044
29	*Y	5486.62	5606.03	5136.38	5358.15	5636.62	5448.38
30	PB2203	.00068	.97904	.00298	1.0008	.00175	.00951
31	SE1960	-.00190	1.0339	.00111	1.0616	.00243	.00466

#	Element	AD8'1:5)	AD8'2/PS	AD8'3/MS	RINSE	CCV	CCB
1	Al3082	15.802	80.129	78.558	.03772	24.150	.02832
2	As1890	.01158	1.0659	1.0361	.00078	.48678	.00033
3	B_2496	H92.412	H414.90	H409.91	.90584	Q.82166	H.23474
4	Ba4934	7.0058	H33.852	H32.996	.00669	.49393	.00039
5	Be3130	.00416	.99416	.93259	.00044	.48330	.00024
6	Ca3179	125.38	619.09	607.74	.12065	23.857	.02025
7	Cd2265	.00186	.93805	.92965	.00051	.49072	.00022
8	Co2286	5.2217	26.015	25.463	.00522	.48643	.00003
9	Cr2677	.00896	.97914	.93518	.00004	.47969	.00041
10	Cu3247	12.310	H62.369	H60.637	.01086	.47709	.00014
11	Fe2714	3.1098	15.014	14.734	.00274	24.243	.00449
12	K_7664	18.671	105.48	110.77	.01020	25.943	.00262
13	Mg2790	3.4977	16.821	16.310	.00988	23.761	.02321
14	Mn2576	10.348	H46.172	H44.872	.01022	.48244	.00065
15	Na3302	222.27	H939.40	H923.46	.32148	23.619	.05815
16	Ni2316	14.063	H65.153	H63.943	.01336	.48692	.00077
17	2203/1	.00390	.94315	.91005	.00103	.48367	.00186
18	2203/2	.00156	.94620	.91041	.00064	.48674	.00010
19	Sb2068	2.0647	11.263	11.202	.01071	.48632	.00369
20	1960/1	.00498	.99667	.98596	.00262	.48729	-.00247
21	1960/2	.00405	1.0105	.99303	-.00116	.49813	-.00492
22	Ti3372	.56939	2.7848	2.7325	.00099	.47766	.00029
23	Tl1908	.00495	.93445	.95423	.00260	.50051	.00260
24	V_2924	.00136	1.0013	.97076	.00000	.48351	-.00028
25	Zn2062	H29.259	H115.56	H110.63	.03047	.47428	.00255
26	Sn1899	.00660	.02939	.03108	.00000	.50643	-.00067
27	Ag3280	.00432	1.0565	1.0054	.00047	.48633	.00036
28	Mo2020	.01137	1.0288	.96106	.00224	.47121	.00171
29	*Y	5478.45	5404.2	5455.12	5587.58	5523.75	5548.8
30	PB2203	.00233	.94518	.91029	.00077	.48572	.00069
31	SE1960	.00436	1.0059	.99066	.00009	.49451	-.00410

#	Element	AD8'4/SD	AD8':10)	AD8':50)	AD8':10)	AD8':10)	AD8':10)
1	Al3082	79.361	27.797	7.7197	1.5622	7.6297	7.6053
2	As1890	1.0429	.02894	.00637	.00136	.99456	.10536
3	B_2496	H412.99	H174.03	45.940	9.3251	44.958	45.215
4	Ba4934	H33.471	6.5974	3.4490	.68807	4.3982	3.4936
5	Be3130	.94211	.00506	.00235	.00071	.97556	.09778
6	Ca3179	612.74	86.269	61.837	12.237	60.619	60.745
7	Cd2265	.93951	.00446	.00099	.00037	.99630	.09976
8	Co2286	25.730	4.9749	2.5905	.51620	3.4822	2.6379
9	Cr2677	.94319	.00567	.00416	.00062	.94639	.09608
10	Cu3247	H61.371	6.9198	5.9095	1.1755	6.7817	5.9276
11	Fe2714	14.845	2.6929	1.5400	.30880	1.5798	1.5112
12	K_7664	112.65	126.77	9.4426	1.7295	9.1680	9.2149
13	Mg2790	16.463	3.3561	1.7243	.34580	1.6864	1.6964
14	Mn2576	H45.266	11.638	5.1361	1.0296	5.9888	5.1507
15	Na3302	H931.84	H1377.7	109.28	21.915	108.50	107.65
16	Ni2316	H64.612	12.240	7.0413	1.4163	7.8308	7.0054
17	2203/1	.92072	.00099	.00219	.00183	.95840	.09622
18	2203/2	.91705	.00025	.00119	.00138	.96278	.09405

#	Element	AD8'4/SD	AD8':10)	AD8':50)	AD8':10)	AD8':10)	AD8':10)
19	Sb2068	11.313	2.5580	1.0390	.20920	1.9847	1.1094
20	1960/1	.99726	.01106	.00342	-.00073	.97956	.10562
21	1960/2	1.0045	.00569	-.00428	-.00154	.98784	.09669
22	Ti3372	2.7612	3.0356	.28001	.05544	.27579	.27378
23	Tl1908	.97320	.00828	.00562	.00303	1.0219	.10310
24	V_2924	.97972	.01004	.00042	-.00003	.98954	.09713
25	Zn2062	H111.22	H95.331	H14.522	2.9578	H15.146	H14.392
26	Sn1899	.02989	.01510	.00417	.00259	.00263	.00378
27	Ag3280	1.0151	.00387	.00147	.00074	.98282	.09614
28	Mo2020	.96733	.07596	.00515	.00017	.97126	.10053
29	*Y	5422.42	5441.62	5574.6	5597.78	5562.75	5549.25
30	PB2203	.91828	.00050	.00153	.00153	.96132	.09477
31	SE1960	1.0021	.00748	-.00171	-.00127	.98507	.09966

#	Element	AD849307	AD8':10)	AD8'0/PB	AD8'LPSL	CCV	CCB
1	Al3082	7.6737	.07000	.06662	87.860	24.333	.05781
2	As1890	.10376	.00898	.00134	1.3477	.48449	.00080
3	B_2496	45.466	1.9391	H.09504	1.4345	.54723	H.04884
4	Ba4934	3.5158	.03388	.00006	2.3043	.49644	.00013
5	Be3130	.09859	.00012	.00099	1.1608	.47736	.00049
6	Ca3179	61.284	5.8831	.04626	93.474	23.907	.01723
7	Cd2265	.10109	.00005	.00014	1.0589	.49014	.00059
8	Co2286	2.6641	.00544	-.00027	1.3697	.48398	.00003
9	Cr2677	.09619	.01767	.00042	2.2331	.47934	.00030
10	Cu3247	5.9686	.01010	.00091	1.5699	.47934	-.00097
11	Fe2714	1.5267	.64713	.01103	153.75	24.261	.00958
12	K_7664	9.3250	54.515	.02094	53.201	25.186	-.00089
13	Mg2790	1.7094	11.415	.01317	45.821	23.672	.02350
14	Mn2576	5.1946	.05689	.00036	5.0081	.48079	.00023
15	Na3302	108.55	168.85	.08409	7.7450	23.886	-.00892
16	Ni2316	7.0864	.03089	-.00016	1.2271	.48168	-.00052
17	2203/1	.09561	.00484	.00435	1.9143	.48461	.00288
18	2203/2	.09605	.00211	-.00014	1.9003	.48206	.00058
19	Sb2068	1.1178	.00257	.00303	.50447	.48145	.00406
20	1960/1	.10125	.00733	-.00130	.95277	.49136	.00332
21	1960/2	.09536	.00267	-.00197	.97076	.49691	-.00167
22	Ti3372	.27658	.03541	.00097	4.7348	.48083	.00075
23	Tl1908	.10680	.00417	.00207	1.6757	.50818	.00259
24	V_2924	.09793	.00857	-.00060	1.2143	.48454	.00010
25	Zn2062	H14.516	.02324	.00378	2.6448	.47128	.00084
26	Sn1899	.00351	.00119	H.03919	.94834	.50579	.00103
27	Ag3280	.09721	.00086	.00037	.82978	.48987	.00029
28	Mo2020	.09867	.00201	.00182	1.0976	.47322	.00237
29	*Y	5559.45	5552.03	5109.6	5351.03	5517.75	5569.58
30	PB2203	.09590	.00302	.00135	1.9049	.48291	.00134
31	SE1960	.09732	.00423	-.00175	.96475	.49505	.00000

#	Element	AD849476	AD849477	AD849478	AD849344	AD849345	AD849346
1	Al3082	8.2334	5.4078	13.187	.58837	.23016	1.8673
2	As1890	.00574	.00138	.01336	.00051	.00047	-.00032
3	B_2496	.04949	.04401	.04408	.08205	.04589	.05537
4	Ba4934	.02295	.01334	.02819	.10740	.25246	.03323
5	Be3130	.00162	.00101	.00172	.00020	.00045	.00043
6	Ca3179	.38880	.18492	.31733	14.423	32.189	4.6225
7	Cd2265	.00313	.02068	.05771	.00012	.00021	.00015
8	Co2286	.00449	.00309	.00835	.00185	-.00008	.00062
9	Cr2677	.03525	.01459	.03305	.01572	.00173	.00548
10	Cu3247	.01528	.00791	.02699	.00311	.00200	.00417
11	Fe2714	15.834	9.1725	30.069	.74791	.14650	1.3517
12	K_7664	.75819	.41620	1.1248	.91148	3.6142	1.9635
13	Mg2790	.97408	.60555	1.6955	20.314	28.962	1.9567
14	Mn2576	.05654	.03121	.12366	.00702	.01052	.01548
15	Na3302	.09705	.06559	.24407	7.0384	12.976	1.4061
16	Ni2316	.00948	.00625	.01352	.08573	.01650	.00570
17	2203/1	.07091	.03072	.02898	.00252	.00023	.00161
18	2203/2	.06831	.03140	.02430	.00089	.00082	.00152
19	Sb2068	.00259	.00645	.00358	.00246	.00437	.00144
20	1960/1	-.00670	-.00005	-.00465	.00976	.00384	.00466
21	1960/2	.00540	.00104	.00069	-.00373	-.00434	-.00188
22	Ti3372	.36377	.15216	.63026	.02118	.00839	.03297
23	Tl1908	.00037	.00246	.00187	.00279	-.00149	.00142
24	V_2924	.02057	.00996	.03590	.00398	.00720	.00376
25	Zn2062	.04521	.04396	.08748	.00606	.00850	.01846
26	Sn1899	.04359	.02807	.03837	.00127	.00335	.00131
27	Ag3280	.00064	.00051	.00036	.00069	.00067	.00086
28	Mo2020	.00189	-.00035	.00157	.00125	.00036	.00218
29	*Y	5024.62	5258.03	5082.9	5552.1	5496.38	5568.75
30	PB2203	.06917	.03118	.02586	.00143	.00062	.00155
31	SE1960	.00137	.00067	-.00109	.00076	-.00161	.00029

#	Element	AD849347	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	12.428	.24413	509.26	506.74	24.443	.06966
2	As1890	.00459	.01087	-.00027	.10918	.49350	.00034
3	B_2496	.06064	H.04352	.02525	.06376	.51237	.01691
4	Ba4934	.09506	.00208	.00067	.52418	.49664	-.00012
5	Be3130	.00055	.00235	.00095	.47321	.48107	.00048
6	Ca3179	5.2872	.48303	504.83	496.09	24.236	.01933
7	Cd2265	.00086	.00133	-.00008	.98243	.50198	.00013
8	Co2286	.02723	.00418	.00032	.48086	.49120	.00018
9	Cr2677	.08242	.00459	-.00103	.47708	.48426	-.00040
10	Cu3247	.07830	.00881	-.00341	.51121	.48145	-.00199
11	Fe2714	15.699	.04734	199.29	97.430	24.588	-.00295
12	K_7664	3.6967	.50146	.01231	.01045	25.470	-.02118
13	Mg2790	2.2858	.19876	499.90	485.97	23.788	.02527
14	Mn2576	.47288	.00307	-.00043	.47653	.48670	.00002
15	Na3302	1.1625	1.1217	-.02416	.01662	23.937	-.07813
16	Ni2316	.11723	.00932	-.00010	.92700	.48941	-.00016
17	2203/1	.02713	.00574	.02671	.07278	.49345	-.00061
18	2203/2	.02946	.00599	-.02072	.03151	.48937	.00117

#	Element	AD849347	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00315	.02183	.00272	.62739	.49396	.00360
20	1960/1	.00339	.02273	-.00976	.04522	.49940	-.00197
21	1960/2	.00177	.01957	-.00458	.04815	.50747	.00078
22	Ti3372	.46638	.00494	-.00014	.00181	.48541	.00023
23	Tl1908	-.00025	.02025	-.00378	.10086	.51808	.00439
24	V_2924	.03513	.00510	.00049	.50828	.48943	-.00019
25	Zn2062	.27078	.01210	-.00161	.90809	.47975	.00094
26	Sn1899	.00409	.00928	.00192	.00309	.51841	-.00080
27	Ag3280	.00073	.00373	.00127	.21308	.49222	.00081
28	Mo2020	.00495	.01083	.00090	.00240	.47585	.00083
29	*Y	5609.03	5544.53	5141.48	5098.12	5491.35	5552.7
30	PB2203	.02868	.00591	-.00492	.04525	.49073	.00057
31	SE1960	.00231	.02062	-.00630	.04718	.50477	-.00013

#	Element	AD849348	AD849349	AD849350	AD849351	AD849352	AD8'1:5)
1	Al3082	2.1777	1.0354	.14505	.13749	.11502	.07132
2	As1890	.00090	.00113	.00162	-.00014	.00206	.00062
3	B_2496	.04502	.03980	.46059	.46231	.39714	.09127
4	Ba4934	.03277	.04011	.12990	.12062	.11373	.02293
5	Be3130	.00034	.00048	.00054	.00056	.00033	.00046
6	Ca3179	4.5515	9.3598	35.049	41.246	42.585	8.7910
7	Cd2265	.00028	.00009	-.00025	-.00026	-.00024	.00006
8	Co2286	.00054	.00107	.00011	.00012	.00006	.00007
9	Cr2677	.00701	.00320	-.00068	-.00053	-.00050	-.00016
10	Cu3247	.00443	.00264	-.00047	.00686	-.00162	-.00139
11	Fe2714	1.7039	1.2397	71.996	83.422	94.328	19.467
12	K_7664	1.8324	3.8388	5.3371	6.7513	6.1070	1.1466
13	Mg2790	1.8900	5.7370	11.107	10.929	11.518	2.3650
14	Mn2576	.00914	.07033	.57469	.56104	.70002	.14411
15	Na3302	1.5407	3.0881	96.649	75.218	78.775	16.043
16	Ni2316	.00641	.00651	.00338	.00193	.00351	.00039
17	2203/1	.00028	.00094	-.00132	.00127	.00052	.00007
18	2203/2	.00096	.00260	-.00030	.00035	-.00223	-.00003
19	Sb2068	.00366	.00362	.00184	.00183	.00344	.00548
20	1960/1	-.00015	.00012	-.00316	.00620	.00605	.00329
21	1960/2	-.00105	-.00343	-.00243	.00394	.00029	-.00235
22	Ti3372	.04079	.02430	.00022	.00020	.00019	.00029
23	Tl1908	.00269	.00377	.00065	.00246	.00168	.00149
24	V_2924	.00492	.00417	.00851	.00947	.00730	.00134
25	Zn2062	.01707	.00929	.00203	.02148	.01376	.00342
26	Sn1899	-.00037	.00103	.00092	.00202	.00290	.00156
27	Ag3280	.00105	.00063	.00087	.00135	.00120	.00098
28	Mo2020	.00128	-.00028	.00054	-.00029	.00201	.00135
29	*Y	5564.92	5542.35	5536.12	5568.98	5558.4	5532.98
30	PB2203	.00074	.00205	-.00064	.00065	-.00131	.00000
31	SE1960	-.00075	-.00225	-.00268	.00470	.00221	-.00046

#	Element	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD849355	CCV	CCB
1	Al3082	10.139	9.9622	10.267	.16293	24.477	.06593
2	As1890	.20770	.20777	.21646	-.00014	.48601	-.00030
3	B_2496	.59206	.58728	.60684	.36856	.49771	.01051
4	Ba4934	.31680	.31516	.32409	.13506	.49934	.00008
5	Be3130	.19755	.19219	.19869	.00063	.47714	.00054
6	Ca3179	51.641	51.892	53.849	72.740	23.801	.01537
7	Cd2265	.20355	.19740	.20630	-.00044	.48587	.00014
8	Co2286	.20273	.19820	.20599	-.00017	.48337	.00002
9	Cr2677	.19043	.18766	.19317	-.00097	.47974	.00009
10	Cu3247	.20220	.19958	.20384	-.00262	.48639	-.00136
11	Fe2714	102.44	103.42	107.38	162.11	24.138	.00046
12	K_7664	17.304	16.704	17.559	7.0982	24.687	.01004
13	Mg2790	21.120	20.966	21.768	14.477	23.451	.02280
14	Mn2576	.88596	.88632	.92070	1.2143	.47914	.00017
15	Na3302	87.411	88.212	90.359	152.65	24.177	.14409
16	Ni2316	.20102	.19694	.20360	.00758	.48379	.00004
17	2203/1	.19856	.19356	.20326	-.00006	.48166	.00036
18	2203/2	.19594	.19390	.19963	-.00057	.47673	.00139
19	Sb2068	.20274	.20245	.20856	.00359	.48223	.00590
20	1960/1	.20919	.19780	.20487	.00137	.49024	.00191
21	1960/2	.20169	.19894	.20323	-.00365	.49247	-.00116
22	Ti3372	.19625	.19134	.19695	.00022	.48266	.00041
23	Tl1908	.20926	.20438	.21561	-.00328	.49861	.00437
24	V_2924	.20912	.20402	.21036	.00945	.48561	.00040
25	Zn2062	.20297	.19711	.20500	-.00012	.46995	.00039
26	Sn1899	.19399	.20608	.21920	.00150	.50382	-.00083
27	Ag3280	.05090	.05101	.05297	.00096	.49316	.00109
28	Mo2020	.19960	.19310	.19955	.00144	.47416	.00221
29	*Y	5540.03	5500.28	5476.8	5502.68	5421.9	5508.08
30	PB2203	.19681	.19379	.20084	-.00040	.47837	.00105
31	SE1960	.20419	.19856	.20378	-.00197	.49172	-.00014

#	Element	~~AD849356~~ A8A36401/SOL	AD849387	AD849394	A8A'/TOT	A8A'/TOT	AD849356
1	Al3082	.05100	2.3895	2.2236	2.8220	.10936	.28513
2	As1890	.00104	.00118	.00175	.00198	.00021	.01838
3	B_2496	.03097	.03047	.04128	.04695	.71009	3.8233
4	Ba4934	.02901	.00888	.14184	.12961	.38769	.34579
5	Be3130	.00018	.00053	.00058	.00163	.00048	.00061
6	Ca3179	30.528	.54148	95.134	19.592	52.275	129.67
7	Cd2265	.00011	.00011	.00000	.00047	-.00032	.00008
8	Co2286	.00062	.00057	.00090	.00151	.00807	.00686
9	Cr2677	.00006	.00337	.00241	.00091	-.00153	.02095
10	Cu3247	.00136	-.00093	-.00017	.00134	-.00154	.00470
11	Fe2714	.01016	1.0933	1.7699	.19401	48.839	7.6116
12	K_7664	34.982	.08632	1.2804	1.7687	38.388	347.37
13	Mg2790	14.083	.28097	10.163	4.6742	17.994	132.71
14	Mn2576	.02021	.00419	.08610	.75528	18.755	.37553
15	Na3302	7.5726	.96805	9.2338	73.187	172.99	H761.03
16	Ni2316	.00232	.00095	.00156	.00528	.01411	.04598
17	2203/1	-.00479	.00016	.00111	.00055	-.00088	-.00001
18	2203/2	.00226	.00270	.00306	.00384	.00134	.00396

#	Element	AD849356	AD849387	AD849394	A8A'/TOT	A8A'/TOT	AD849356
19	Sb2068	.00428	.00257	.00333	.00113	-.00033	.00357
20	1960/1	.01282	.00642	-.00223	.01338	.02615	.00764
21	1960/2	.00006	-.00233	-.00430	-.00360	.00121	.00145
22	Ti3372	.00031	.01968	.04931	.01408	.00092	.00792
23	Tl1908	.00260	-.00030	.00025	.00319	.00776	.00247
24	V_2924	.00095	.00193	.00299	.00069	.00193	.00915
25	Zn2062	.00655	.00220	.00393	.10327	.00428	.02598
26	Sn1899	.00599	.00090	.00115	.00477	.01133	.00710
27	Ag3280	.00157	.00121	.00110	.00138	.00039	.00129
28	Mo2020	.01173	.00130	.00053	.00006	.00002	.00036
29	*Y	5730.53	5531.4	5512.2	6014.78	5600.93	5416.2
30	PB2203	-.00008	.00186	.00241	.00274	.00060	.00263
31	SE1960	.00431	.00058	-.00361	.00206	.00952	.00351

#	Element	AD8'1:5)	AD8'1/PB	AD8'0/FB	AD849698	CCV	CCB
1	Al3082	.12063	.12132	10.403	6.9252	24.329	.08004
2	As1890	.00325	-.00052	.21097	.00393	.48289	-.00125
3	B_2496	1.0856	.01668	.21760	.50798	.49081	.00606
4	Ba4934	.10053	.00009	.20810	.09981	.48989	.00008
5	Be3130	.00046	.00031	.19578	.00081	.46939	.00046
6	Ca3179	37.802	.15531	9.9027	67.136	23.668	-.00190
7	Cd2265	.00019	-.00003	.20330	.00032	.48919	.00028
8	Co2286	.00197	.00034	.20213	.00352	.48043	-.00004
9	Cr2677	.00663	.00002	.19314	.01037	.47648	-.00015
10	Cu3247	.00112	-.00122	.20048	.06158	.47875	-.00083
11	Fe2714	2.2288	.00505	10.063	7.4198	24.117	-.00421
12	K_7664	94.850	.00080	10.381	9.8503	25.182	.01028
13	Mg2790	38.046	.00503	9.6108	10.493	23.290	.00201
14	Mn2576	.10854	.00000	.19524	.43885	.47684	.00002
15	Na3302	242.59	.01376	10.070	24.255	23.793	.10877
16	Ni2316	.01330	-.00020	.19845	.02805	.48033	.00019
17	2203/1	.00109	-.00046	.20150	.01513	.47950	.00155
18	2203/2	.00184	.00151	.19765	.01289	.47580	-.00084
19	Sb2068	.00325	.00398	.20326	.00595	.48306	.00182
20	1960/1	.00044	.00028	.20381	.00917	.49093	.00715
21	1960/2	.00115	-.00126	.20613	.00225	.49200	-.00075
22	Ti3372	.00291	.00030	.19458	.21328	.47910	.00020
23	Tl1908	.00186	.00201	.21211	.00244	.51421	.00190
24	V_2924	.00287	.00000	.20013	.01222	.48273	.00011
25	Zn2062	.00899	.00255	.19178	.59977	.46601	.00061
26	Sn1899	.00162	-.00067	.21027	.00122	.50674	.00018
27	Ag3280	.00163	.00170	.05138	.00115	.48828	.00093
28	Mo2020	.00136	.00081	.19937	.01710	.46799	.00240
29	*Y	5402.78	5545.12	5454.9	5486.78	5419.35	5410.73
30	PB2203	.00159	.00085	.19893	.01364	.47703	-.00004
31	SE1960	.00092	-.00074	.20535	.00456	.49164	.00188

#	Element	AD849699	AD849700	AD849701	AD849702	AD849703	AD849704
1	Al3082	1.8228	.11358	.11214	.09182	.08315	.49184
2	As1890	-.00057	.00088	-.00151	.00062	-.00012	-.00018
3	B_2496	.02125	.01596	.01757	.03009	.05881	.10643
4	Ba4934	.05176	.03343	.06841	.06876	.25196	.13241
5	Be3130	.00055	.00061	.00038	.00042	.00041	.00076
6	Ca3179	20.653	7.5424	30.353	31.710	21.668	80.172
7	Cd2265	-.00006	.00032	.00021	.00001	.00013	.00005
8	Co2286	.00532	.00073	.00039	.00031	.00141	.00212
9	Cr2677	.00849	.04189	.00174	.00138	-.00017	-.00028
10	Cu3247	.01311	-.00063	.00163	.00074	.00105	-.00060
11	Fe2714	1.4976	.00760	.01339	.00653	.01064	20.669
12	K_7664	.75089	.09234	1.2418	.88556	3.6527	2.4463
13	Mg2790	13.998	15.858	21.050	18.837	18.146	11.086
14	Mn2576	.09317	.05295	.00282	.00054	.03612	.14768
15	Na3302	13.102	3.6318	7.4136	13.191	12.917	79.730
16	Ni2316	.02420	.00648	.00280	.01289	.01490	.00153
17	2203/1	.00148	.00065	-.00076	-.00186	.00032	-.00023
18	2203/2	.00120	.00193	.00140	.00004	.00057	.00064
19	Sb2068	.00175	.00392	.00469	.00141	.00043	.00313
20	1960/1	.00133	.00272	.00379	.00216	.00649	.00092
21	1960/2	.00095	.00146	-.00262	-.00119	-.00488	-.00251
22	Ti3372	.09310	.00068	.00086	.00060	.00007	.00020
23	Tl1908	.00339	.00171	.00146	.00337	.00185	.00071
24	V_2924	.00806	.00069	.01342	.01698	.00397	.00094
25	Zn2062	.01824	.01368	.00416	.00375	.00413	.00916
26	Sn1899	.00208	.00152	.00073	.00123	.00150	.00056
27	Ag3280	.00121	.00166	.00122	.00157	.00053	.00022
28	Mo2020	.00245	.00010	.00066	.00061	.00098	.00076
29	*Y	5471.85	5487.68	5539.58	5467.5	5473.05	5459.78
30	PB2203	.00129	.00151	.00068	-.00059	.00048	.00035
31	SE1960	.00108	.00188	-.00048	-.00007	-.00109	-.00136

#	Element	AD849705	AD849706	AD8'1:5)	AD8'6/PS	CCV	CCB
1	Al3082	.77251	2.9016	.63857	13.086	24.086	.09798
2	As1890	-.00015	.00148	.00102	.21372	.48239	.00054
3	B_2496	.02395	.02459	.00798	.23050	.49475	.00488
4	Ba4934	.00989	.13014	.02678	.33547	.48288	.00007
5	Be3130	.00050	.00045	.00052	.20224	.46833	.00050
6	Ca3179	.21121	1.0301	.21329	11.204	23.437	-.00031
7	Cd2265	.00027	.00007	.00012	.21546	.49043	.00007
8	Co2286	.00003	.00046	.00002	.21068	.48075	-.00005
9	Cr2677	.00005	.00090	.00060	.19811	.47099	.00028
10	Cu3247	-.00137	-.00169	-.00116	.20247	.47087	-.00125
11	Fe2714	.76524	2.3560	.48411	12.848	23.904	.00338
12	K_7664	.06633	.37338	.08190	11.595	25.926	.00875
13	Mg2790	.32152	2.2322	.45838	12.334	23.229	.00568
14	Mn2576	.00175	.00250	.00042	.20772	.47659	.00007
15	Na3302	1.7306	41.494	8.6632	51.397	23.476	.03046
16	Ni2316	-.00040	.00028	-.00018	.20656	.47852	-.00054
17	2203/1	.00008	.00030	.00169	.20785	.47849	.00242
18	2203/2	.00052	.00085	.00127	.20585	.47485	-.00161

#	Element	AD849705	AD849706	AD8'1:5)	AD8'6/PS	CCV	CCB
19	Sb2068	.00157	.00316	.00089	.21286	.48621	.00616
20	1960/1	.00176	-.00089	.00205	.21050	.48689	-.00100
21	1960/2	-.00034	-.00250	-.00267	.20881	.49547	.00058
22	Ti3372	.00384	.02214	.00513	.22492	.47423	.00039
23	Tl1908	.00043	-.00122	.00116	.22132	.51445	.00231
24	V_2924	.00037	.00112	.00039	.20866	.47723	-.00008
25	Zn2062	.00287	.00354	.00040	.20243	.46118	.00031
26	Sn1899	.00009	.00106	.00045	.19815	.50727	.00126
27	Ag3280	.00030	.00108	.00119	.05122	.48218	.00104
28	Mo2020	-.00072	.00036	.00153	.20462	.46226	.00057
29	*Y	5502.53	5533.43	5465.93	5482.2	5429.55	5432.1
30	PB2203	.00037	.00067	.00141	.20652	.47606	-.00027
31	SE1960	.00035	-.00196	-.00110	.20937	.49261	.00005

#	Element	AD8'7/MS	AD8'8/SD	AD849709	AD849710	AD849711	AD849712
1	Al3082	13.101	13.143	.59786	.45895	1.8780	.55150
2	As1890	.20880	.21092	-.00190	.00047	.00127	.00105
3	B_2496	.22705	.22832	.02263	.01982	.08794	.02260
4	Ba4934	.33936	.34062	.02381	.01507	.21117	.02084
5	Be3130	.19519	.19882	.00046	.00034	.00057	.00057
6	Ca3179	10.856	11.057	.96388	.80856	8.4012	.51816
7	Cd2265	.20624	.21100	.00002	.00009	.00004	.00004
8	Co2286	.20414	.20767	.00027	.00012	.00037	.00009
9	Cr2677	.19355	.19628	-.00011	.00011	.00012	.00045
10	Cu3247	.19916	.20165	-.00195	-.00100	-.00149	-.00144
11	Fe2714	12.558	12.794	.89025	.71036	2.4024	.60476
12	K_7664	11.367	11.554	.15470	.11371	2.3051	.15392
13	Mg2790	12.039	12.260	1.2358	.83003	4.3738	1.0419
14	Mn2576	.20079	.20496	.00138	.00098	.00424	.00106
15	Na3302	52.457	53.022	3.6230	2.8841	69.422	6.2331
16	Ni2316	.19938	.20298	.00005	-.00028	.00071	-.00042
17	2203/1	.20091	.20541	.00003	.00289	.00000	-.00045
18	2203/2	.19774	.20486	.00214	-.00031	.00074	.00231
19	Sb2068	.20738	.20793	.00350	.00394	.00158	.00505
20	1960/1	.19969	.20418	-.00092	-.00073	.00430	.00022
21	1960/2	.19578	.20123	-.00056	.00060	-.00114	.00188
22	Ti3372	.21975	.22316	.00347	.00173	.00068	.00269
23	Tl1908	.21477	.21785	.00209	.00218	.00364	.00427
24	V_2924	.20140	.20452	.00018	.00038	.00064	.00000
25	Zn2062	.19454	.19699	.00163	.00154	.00156	.00125
26	Sn1899	.21353	.21690	.00075	.00088	-.00075	.00008
27	Ag3280	.05114	.05164	.00093	.00080	.00101	.00142
28	Mo2020	.19941	.20089	.00010	.00031	-.00009	.00018
29	*Y	5475.23	5473.95	5528.7	5507.92	5509.88	5504.1
30	PB2203	.19880	.20504	.00143	.00075	.00049	.00139
31	SE1960	.19708	.20221	-.00068	.00015	.00067	.00133

#	Element	AD849713	AD849714	AD849715	AD849716	CCV	CCB
1	Al3082	.41363	.74257	.95686	3.7621	24.226	.08463
2	As1890	-.00014	-.00032	-.00030	.00038	.48109	-.00031
3	B_2496	.02204	.02266	.02319	.07329	.48856	.00278
4	Ba4934	.01265	.01848	.03593	.06679	.48696	.00017
5	Be3130	.00055	.00039	.00044	.00066	.46957	.00041
6	Ca3179	.48987	.79990	1.1587	94.248	23.588	.00320
7	Cd2265	.00009	.00017	.00017	.00006	.48845	.00020
8	Co2286	-.00007	.00011	.00012	-.00015	.47968	-.00013
9	Cr2677	.00022	.00062	.00060	.00329	.47548	.00016
10	Cu3247	-.00185	-.00141	-.00033	-.00056	.47767	-.00034
11	Fe2714	.53410	.60627	1.3820	.55965	24.006	.00929
12	K_7664	.09988	.15464	.16400	11.383	25.129	.00965
13	Mg2790	.71729	.96064	3.1148	8.3365	23.331	.01095
14	Mn2576	.00092	.00563	.00362	.01268	.47744	.00018
15	Na3302	3.2722	6.7410	19.115	13.278	23.800	.10463
16	Ni2316	-.00041	.00009	-.00031	.00057	.47864	-.00004
17	2203/1	-.00240	.00038	.00136	.00216	.47737	.00207
18	2203/2	.00044	.00091	-.00017	.00369	.47655	.00094
19	Sb2068	.00474	.00341	.00307	.00360	.48741	.00343
20	1960/1	.00143	-.00086	.00433	.00213	.48636	.00154
21	1960/2	.00094	-.00219	-.00120	-.00127	.49431	-.00386
22	Ti3372	.00128	.00772	.00607	.10737	.47821	.00054
23	Tl1908	.00473	.00210	.00185	.00195	.50836	.00558
24	V_2924	.00018	.00038	.00027	.00590	.48073	.00011
25	Zn2062	.00295	.00181	.00451	.00261	.46775	.00051
26	Sn1899	.00141	.00061	.00044	.00048	.50303	.00152
27	Ag3280	.00085	.00085	.00081	.00096	.48650	.00111
28	Mo2020	-.00026	.00073	.00102	.00470	.46862	.00228
29	*Y	5531.03	5526.83	5499.6	5469.9	5426.03	5411.78
30	PB2203	-.00050	.00074	.00033	.00318	.47683	.00131
31	SE1960	.00110	-.00175	.00064	-.00013	.49166	-.00206

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.18757	4.49661	21.7965	44.2586	50.360	18.759
2	As1890	.00276	1.20475	6.21599	12.6747	1.0208	.38187
3	B_2496	.01612	.42903	2.08916	4.23399	1.0115	.37695
4	Ba4934	.00138	.74819	3.79368	7.6292	.99681	.37350
5	Be3130	.13457	1.65244	7.86577	15.595	.99776	.37513
6	Ca3179	.02341			44.5522	49.605	18.521
7	Cd2265	.00165	2.0708	10.2935	20.85	1.0114	.38154
8	Co2286	-.00423	.85115	4.33429	8.74561	1.0085	.37798
9	Cr2677	.00599	.69796	3.51182	7.09884	1.0061	.37724
10	Cu3247	.00433	.50204	2.52781	5.09627	.99752	.37231
11	Fe2714	.00082	.76233	3.83241	7.78991	50.559	18.934
12	K_7664	-.10066			142.058	50.217	18.715
13	Mg2790	-.00036			23.24	49.528	18.361
14	Mn2576	.00046	.41081	2.06542	4.18812	1.0100	.37830
15	Na3302	.00304			2.31014	49.346	18.254
16	Ni2316	-.01521	.69038	3.54181	7.15396	1.0034	.37788
17	2203/1	.00335	.58557	2.85035	5.75196	.99638	.37516
18	2203/2	-.00893	3.12175	15.5789	31.581	.99939	.37273

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	Sb2068	-.00994	.21053	1.03699	2.11779	.99129	.38076
20	1960/1	-.06164	.37423	2.04437	4.23836	.99634	.37771
21	1960/2	.06043	.53149	2.5132	5.09411	1.0205	.38102
22	Ti3372	-.00285	1.19869	6.05882	12.305	1.0079	.38089
23	Tl1908	-.02259	.38195	1.97538	4.08525	1.0219	.38591
24	V_2924	.00036	.08954	.45252	.92059	1.0109	.37810
25	Zn2062	.00147	.09139	.45755	.91947	1.0083	.38221
26	Sn1899	-.00055	.06567	.3392	.69454	1.0278	.38877
27	Ag3280	-.03355	.63921	3.38556	6.92305	1.0078	.37718
28	Mo2020	.00046	.28789	1.44398	2.93016	1.0046	.38425
29	*Y	5424.53	5405.1	5369.85	5341.65	5400.98	5387.7
30	PB2203					.99839	.37354
31	SE1960					1.0124	.37991

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.05096	.21494	514.16	511.44	24.396	.05842
2	As1890	-.00077	.00958	-.00280	.10714	.49740	.00013
3	B_2496	.00068	.02166	.00108	.04089	.48949	.00010
4	Ba4934	.00016	.00208	.00063	.51506	.48742	.00008
5	Be3130	.00045	.00214	.00069	.49061	.49056	.00021
6	Ca3179	.01407	.48895	510.85	508.03	24.229	.01722
7	Cd2265	.00053	.00110	.00033	1.0077	.49757	.00020
8	Co2286	.00043	.00381	.00010	.49514	.49443	-.00009
9	Cr2677	.00010	.00434	-.00134	.49184	.49318	-.00045
10	Cu3247	-.00039	.00953	-.00295	.51831	.48900	.00000
11	Fe2714	.00583	.05634	202.33	100.10	24.696	-.00134
12	K_7664	.01142	.49179	.00868	.00538	24.473	.00224
13	Mg2790	.02106	.20609	506.61	499.37	23.930	.02298
14	Mn2576	.00040	.00316	-.00037	.49321	.49408	.00022
15	Na3302	-.05944	1.0499	.01285	.04678	23.947	.03335
16	Ni2316	.00027	.01050	.00086	.95407	.49280	.00006
17	2203/1	.00526	.01124	.02860	.07955	.49275	.00333
18	2203/2	.00049	.00465	-.01871	.02925	.48979	.00029
19	Sb2068	.00693	.02640	.00645	.63340	.48376	.00378
20	1960/1	.00303	.02117	-.00156	.05550	.48659	.00269
21	1960/2	-.00340	.01248	-.00692	.05223	.49830	-.00131
22	Ti3372	.00019	.00508	-.00009	.00165	.48927	-.00002
23	Tl1908	.00139	.02063	-.00681	.10064	.49975	.00145
24	V_2924	.00011	.00548	.00086	.51943	.49417	.00011
25	Zn2062	.00031	.01207	-.00304	.96507	.49829	-.00019
26	Sn1899	-.00079	.00635	.00067	.00322	.50672	-.00038
27	Ag3280	.00007	.00271	-.00001	.21519	.49607	-.00035
28	Mo2020	.00213	.01109	-.00047	.00107	.49093	.00139
29	*Y	5433.98	5459.33	5035.5	5041.43	5419.5	5447.78
30	PB2203	.00208	.00685	-.00295	.04600	.49077	.00130
31	SE1960	-.00126	.01537	-.00513	.05332	.49439	.00002

#	Element	AD849717	AD849718	AD849719	AD8'2/PB	AD8'LPSL	AD849633
1	Al3082	.13505	2.9939	.11656	.02011	78.590	62.268
2	As1890	-.00156	-.00110	-.00164	-.00190	1.2650	.11495
3	B_2496	.04435	.02110	.00947	.00022	1.2191	.22943
4	Ba4934	.16529	.01639	.00007	.00012	2.0114	3.3532
5	Be3130	.00027	-.00002	-.00012	.00100	1.0644	.00745
6	Ca3179	189.81	.58315	.18814	.06982	84.094	364.94
7	Cd2265	.00029	-.00001	.00013	.00043	.95164	.06946
8	Co2286	.00389	.00028	-.00014	-.00042	1.2513	.14900
9	Cr2677	-.00036	.00087	-.00029	-.00001	2.0168	1.8392
10	Cu3247	-.00003	.00024	.00000	.00105	1.4119	2.0416
11	Fe2714	.09528	.68228	-.00375	.01255	147.13	479.08
12	K_7664	1.3122	.13442	-.00942	.03885	47.426	14.283
13	Mg2790	17.922	.80611	.00689	.00772	42.001	152.83
14	Mn2576	.30937	.00159	.00017	.00114	4.6931	H22.202
15	Na3302	35.785	2.3167	-.09726	.15464	7.2202	2.6958
16	Ni2316	.00545	.00142	.00073	-.00080	1.1118	1.7434
17	2203/1	.00172	.00302	.00279	.00631	1.5299	4.6748
18	2203/2	-.00025	.00211	-.00132	.00135	1.5416	4.7365
19	Sb2068	.00449	.00629	.00860	.00449	.54873	.03002
20	1960/1	.00414	-.00041	-.00036	-.00369	.88665	.01008
21	1960/2	-.00426	-.00238	-.00479	-.00261	.91664	.00427
22	Ti3372	.00044	.02686	-.00025	.00029	4.0619	1.2821
23	Tl1908	.00264	.00035	-.00029	-.00059	1.4511	.00382
24	V_2924	.00060	.00167	-.00019	.00006	1.1061	.23378
25	Zn2062	.00378	.00087	.00155	.00270	2.6580	H11.887
26	Sn1899	-.00181	-.00140	.00030	H.04038	1.0253	.15052
27	Ag3280	-.00035	-.00045	-.00032	-.00023	.77650	.00251
28	Mo2020	.00020	-.00008	.00040	.00148	1.0327	.22096
29	*Y	5502.75	5544.45	5547.98	4836.38	5853	5389.73
30	PB2203	.00040	.00241	.00004	.00300	1.5377	4.7160
31	SE1960	-.00146	-.00172	-.00332	-.00297	.90664	.00621

#	Element	AD849634	AD849635	AD8'1:5)	AD8'5/PS	CCV	CCB
1	Al3082	4.9707	139.52	31.260	158.44	26.839	.07022
2	As1890	.00744	5.5776	1.3404	6.0743	.54607	-.00179
3	B_2496	.07350	.66019	.15804	1.0511	.53826	-.00041
4	Ba4934	.33959	H10.418	2.3839	H10.770	.53885	.00037
5	Be3130	.00340	.01569	.00422	.40314	.54695	.00077
6	Ca3179	84.516	163.93	38.233	180.62	26.692	.03073
7	Cd2265	.00308	.25375	.05989	.63745	.54257	.00027
8	Co2286	.01216	.94875	.22360	1.3285	.54350	-.00002
9	Cr2677	.06559	.84230	.17544	1.2193	.54463	-.00008
10	Cu3247	.12292	3.9181	.85995	4.2871	.53711	.00078
11	Fe2714	23.497	291.93	68.740	309.47	27.189	.01539
12	K_7664	1.6214	120.85	26.786	140.35	26.460	-.00732
13	Mg2790	38.550	97.109	22.277	115.56	26.581	.03464
14	Mn2576	.85389	H150.69	H157.41	H148.64	Q.60296	H.02609
15	Na3302	.43807	24.984	5.4205	45.518	25.905	-.01916
16	Ni2316	.06335	1.4625	.36274	1.8147	.54299	.00021
17	2203/1	.18613	15.624	3.6627	15.801	.53711	.00417
18	2203/2	.18114	15.985	3.7085	16.170	.53765	.00080

#	Element	AD849634	AD849635	AD8'1:5)	AD8'5/PS	CCV	CCB
19	Sb2068	.01003	.06751	.02398	.45715	.52677	.00412
20	1960/1	.00788	.50067	.06932	.87689	.53330	.00269
21	1960/2	.00745	.44437	.06153	.83234	.54365	-.00054
22	Ti3372	.31767	5.5430	1.2811	5.9425	.53660	.00046
23	Tl1908	-.00160	L-.71285	-.00324	L-.33912	.53749	.00231
24	V_2924	.03558	1.0189	.23915	1.4431	.54330	-.00005
25	Zn2062	1.8141	H20.415	5.0351	H20.421	Q.55271	.00054
26	Sn1899	.01911	.13475	.02987	.49729	.54822	-.00208
27	Ag3280	.00043	L-.02250	L-.00528	.08211	.54281	-.00087
28	Mo2020	.01154	.24726	.07166	.66701	.54091	.00156
29	*Y	5286.6	5412.08	5146.05	5409.23	5076.45	5096.4
30	PB2203	.18280	15.865	3.6932	16.047	.53747	.00192
31	SE1960	.00759	.46313	.06413	.84718	.54020	.00053

#	Element	AD8'6/MS	AD8'7/SD	AD849638	AD849639	AD849640	AD849641
1	Al3082	156.56	145.89	69.455	65.724	38.743	63.434
2	As1890	5.2618	6.8876	.03028	.05450	.08529	.02500
3	B_2496	.97690	.90673	.03968	.05077	.04666	.04224
4	Ba4934	H11.715	H10.750	.61655	2.3274	.55789	.30856
5	Be3130	.37332	.34199	.00357	.00508	.00287	.00308
6	Ca3179	165.22	141.14	294.90	210.48	206.06	317.31
7	Cd2265	.58302	.56680	.00131	.00688	.00903	.00123
8	Co2286	1.2903	1.2372	.07813	.06172	.06820	.05644
9	Cr2677	1.1642	1.0644	.10418	5.5581	.75319	.09504
10	Cu3247	4.2499	3.8781	.16658	.64907	1.5303	.11862
11	Fe2714	303.15	287.16	131.21	182.37	444.77	125.95
12	K_7664	137.93	131.69	10.846	8.8095	4.6443	8.1069
13	Mg2790	114.81	101.69	78.364	173.02	29.352	66.683
14	Mn2576	H146.49	H130.20	3.7033	10.913	9.1461	5.0210
15	Na3302	43.903	41.254	1.1348	2.3917	1.2620	2.3758
16	Ni2316	1.6862	1.6398	.13825	.38626	.99757	.12743
17	2203/1	15.470	13.990	.05480	1.6917	.54720	.03191
18	2203/2	15.896	14.353	.04457	1.7067	.53060	.02257
19	Sb2068	.24355	.24250	.00659	.01144	.01968	.00498
20	1960/1	.80628	.82039	.00224	-.00297	-.00104	-.00108
21	1960/2	.75930	.77844	-.00161	-.00134	.00719	-.00003
22	Ti3372	5.7096	6.0731	1.3522	1.6270	2.5930	1.1399
23	Tl1908	L-.42030	L-.44343	.00429	.00382	.00110	.00291
24	V_2924	1.3391	1.5221	.15784	.14216	.15386	.14001
25	Zn2062	H19.090	H18.613	.42513	2.6002	2.4627	.29344
26	Sn1899	.46331	.46859	.02078	.05497	.11465	.03488
27	Ag3280	.07716	.06568	-.00114	-.00022	-.00035	-.00105
28	Mo2020	.48498	.96526	.00664	.09806	.88962	.00483
29	*Y	5457.15	6048.98	5356.12	5189.4	4928.78	5428.65
30	PB2203	15.754	14.232	.04797	1.7017	.53613	.02568
31	SE1960	.77495	.79242	-.00033	-.00188	.00445	-.00038

#	Element	AD849642	AD849643	AD849644	AD849645	CCV	CCB
1	Al3082	88.385	33.086	89.156	159.60	24.283	.01230
2	As1890	.02389	.02361	.09731	.03238	.49797	-.00139
3	B_2496	.05364	.04898	.09070	.04997	.48795	-.00117
4	Ba4934	.51793	.21285	2.5853	1.2470	.49201	.00009
5	Be3130	.00420	.00158	.00786	.00709	.49851	.00006
6	Ca3179	440.81	823.76	172.62	27.689	24.196	.01421
7	Cd2265	.00121	.01758	.00823	.00208	.49081	.00020
8	Co2286	.08067	.03311	.13783	.09991	.49453	-.00001
9	Cr2677	.12822	.15114	5.7262	.21648	.49479	-.00016
10	Cu3247	.15138	.11952	2.8358	.24149	.49001	.00148
11	Fe2714	150.71	91.896	523.60	228.11	24.652	.00740
12	K_7664	15.408	7.6820	8.1989	17.169	24.622	.00026
13	Mg2790	75.295	382.20	73.879	57.112	24.163	.01126
14	Mn2576	5.7619	4.6018	H37.801	4.7560	.49010	.00090
15	Na3302	2.0817	1.6020	1.1055	1.0364	24.103	.06278
16	Ni2316	.16591	.08156	1.4490	.25096	.49139	-.00003
17	2203/1	.04892	1.6988	1.1492	.09097	.48792	.00242
18	2203/2	.03943	1.7283	1.1589	.07155	.49244	-.00037
19	Sb2068	.00907	.00692	.01768	.00534	.47711	.00921
20	1960/1	-.00495	.00326	.00477	.00495	.48526	-.00020
21	1960/2	.00016	-.00261	.00540	-.00366	.49723	.00057
22	Ti3372	1.8006	.74516	1.4982	2.4362	.48794	.00033
23	Tl1908	.00325	.00011	.01315	.00039	.48076	.00296
24	V_2924	.16492	.08895	.22982	.27422	.49323	.00044
25	Zn2062	.35482	4.0032	2.5633	.55789	.50315	.00088
26	Sn1899	.03002	.01374	.17516	.02727	.49420	-.00209
27	Ag3280	-.00119	-.00075	.00048	-.00084	.49825	-.00109
28	Mo2020	.00280	.02426	.44006	.00588	.49566	.00207
29	*Y	5310.75	5700.15	5312.25	5826.83	5491.43	5274.6
30	PB2203	.04259	1.7185	1.1557	.07802	.49094	.00055
31	SE1960	-.00154	-.00065	.00519	-.00079	.49324	.00031

#	Element	AD849646	AD849647	AD849648	AD8'7/PB	AD8'6/FB	AD849796
1	Al3082	k10.875	113.60	97.498	.07028	9.8775	.02131
2	As1890	k.01099	.09326	.08967	-.00028	.20860	-.00058
3	B_2496	k.05362	.07641	.10537	.00710	.20669	.55087
4	Ba4934	k.15872	.83198	.88555	.00016	.20190	.01482
5	Be3130	k.00282	.00619	.00573	-.00044	.20183	-.00039
6	Ca3179	C.00000	156.82	212.06	.19176	9.9362	62.014
7	Cd2265	k.01263	.01139	.01181	.00010	.20084	.00001
8	Co2286	k.01887	.13218	.08118	-.00039	.20352	.00050
9	Cr2677	k.11619	2.7411	3.8601	-.00011	.19576	.00053
10	Cu3247	k.05502	.87099	.55762	.00149	.20042	.00112
11	Fe2714	k31.632	241.21	157.78	.01336	10.080	.22530
12	K_7664	k3.4463	15.229	23.923	.00723	10.204	1.1463
13	Mg2790	H1045.7	155.40	213.63	.03077	9.8016	31.477
14	Mn2576	k6.1365	9.1376	7.6068	H.00100	.19816	.03378
15	Na3302	k2.0700	1.2392	2.2065	.11405	9.8656	81.143
16	Ni2316	k.13465	.99624	.94718	.00041	.19860	.00308
17	2203/1	k.39544	3.5861	4.0164	.00432	.20017	.00063
18	2203/2	k.40130	3.6437	4.0790	-.00100	.20062	.00115

#	Element	AD849646	AD849647	AD849648	AD8'7/PB	AD8'6/FB	AD849796
19	Sb2068	k.00739	.01459	.02031	.00491	.19630	.00413
20	1960/1	k-.00379	.00663	.01390	.00051	.19566	.00362
21	1960/2	k-.00184	.01606	.02095	-.00375	.19659	-.00580
22	Ti3372	k.27645	4.7673	1.9037	.00017	.19409	.00081
23	Tl1908	k.00229	.00392	.00379	-.00116	.19514	.00204
24	V_2924	k.06203	.23373	.16255	-.00009	.19985	.00038
25	Zn2062	k3.4925	3.0105	3.0923	.00245	.20102	.00299
26	Sn1899	k.03351	.24927	.25006	-.00050	.19985	.00059
27	Ag3280	k-.00110	.00090	.00189	-.00080	.04940	-.00055
28	Mo2020	k.01475	.12804	.09029	.00011	.20563	.20273
29	*Y	4665.83	5102.85	5002.12	5540.25	5578.58	5549.33
30	PB2203	k.39935	3.6245	4.0582	.00076	.20047	.00097
31	SE1960	k-.00249	.01292	.01860	-.00233	.19628	-.00265

#	Element	AD849797	AD849798	AD849799	AD849800	CCV	CCB
1	Al3082	.01152	.01301	.14197	.11020	24.628	-.00220
2	As1890	-.00202	.05621	.04543	.01942	.50056	-.00083
3	B_2496	.02640	5.1302	16.057	17.869	.51227	.00900
4	Ba4934	.01945	1.0540	.97993	.60355	.50154	.00015
5	Be3130	-.00056	-.00051	.00027	.00015	.50633	-.00010
6	Ca3179	18.880	132.73	58.029	84.367	24.296	.01258
7	Cd2265	.00007	.00066	.00020	.00195	.48983	-.00007
8	Co2286	-.00023	.02846	.08014	.05100	.49772	-.00028
9	Cr2677	-.00062	.03180	.15267	.08474	.50213	-.00028
10	Cu3247	.00118	.00323	.09157	.02516	.50151	.00125
11	Fe2714	-.00947	99.698	7.3041	6.6222	24.758	.00161
12	K_7664	.96951	339.53	H755.44	H878.76	24.503	.04568
13	Mg2790	4.7714	88.992	172.41	284.38	24.263	.01895
14	Mn2576	.00043	.42048	.09415	.18145	.49460	.00132
15	Na3302	31.600	H827.73	H1706.7	H1610.4	24.643	.23408
16	Ni2316	.00080	.11000	.63868	.36609	.49688	.00014
17	2203/1	.00096	-.00015	.00505	.00776	.49509	.00386
18	2203/2	-.00116	-.00071	.00314	.00583	.49472	-.00020
19	Sb2068	.00390	.00778	.01179	.01465	.48366	.00773
20	1960/1	-.00137	.00776	.00930	.00882	.48449	.00091
21	1960/2	-.00343	-.00486	-.00207	-.00229	.49816	-.00580
22	Ti3372	.00022	.02345	.26137	.14606	.49425	.00000
23	Tl1908	-.00119	.00117	-.00207	.00133	.47771	.00187
24	V_2924	.00010	.06980	.14193	.06177	.49777	.00031
25	Zn2062	.00083	.01979	.32286	.50368	.50776	.00069
26	Sn1899	-.00044	.00548	.00846	.00867	.49240	-.00078
27	Ag3280	-.00078	-.00069	-.00033	-.00070	.50520	-.00138
28	Mo2020	.00248	.00374	.00786	.00541	.50196	.00227
29	*Y	5608.73	5517.83	5021.85	5093.7	5420.33	5471.62
30	PB2203	-.00045	-.00052	.00377	.00648	.49484	.00115
31	SE1960	-.00274	-.00065	.00171	.00141	.49359	-.00356

#	Element	AD849801	AD849802	AD849803	AD849804	AD849805	AD849806
1	Al3082	.22146	-.00753	.12141	.02498	.01173	.48286
2	As1890	.02760	.02619	.00074	.00035	.00054	.00011
3	B_2496	12.697	.43080	.03808	.03774	.03569	.04205
4	Ba4934	.18379	.06244	.02165	.02129	.02148	.00962
5	Be3130	-.00017	-.00028	-.00050	-.00056	-.00057	-.00050
6	Ca3179	75.159	94.795	31.316	31.491	31.637	135.15
7	Cd2265	.00017	.00007	.00031	.00012	.00008	.00005
8	Co2286	.00573	.01484	-.00010	.00000	.00008	-.00048
9	Cr2677	.01948	.00052	-.00047	.00031	.00019	.00450
10	Cu3247	.22344	.00879	.00368	.00455	.00445	.00277
11	Fe2714	18.172	1.1709	.12970	.27242	.17198	.07611
12	K_7664	184.28	15.131	1.5884	1.7454	1.7454	1.9552
13	Mg2790	45.198	69.375	8.4050	8.2706	8.3280	7.4180
14	Mn2576	.58565	1.3289	.00985	.00661	.00466	.00622
15	Na3302	H1216.8	H820.79	11.019	17.294	17.442	22.595
16	Ni2316	.20822	.02451	.00063	.01229	.01297	.00942
17	2203/1	.06371	.00206	.00336	.00425	.00369	.00256
18	2203/2	.06299	.00095	-.00034	.00253	.00250	-.00009
19	Sb2068	.00979	.00615	.00657	.00573	.00489	.00646
20	1960/1	.00312	.00418	.00420	-.00072	.00255	.00704
21	1960/2	-.00215	-.00614	-.00143	-.00344	-.00130	-.00245
22	Ti3372	.00480	.00017	.00254	.00045	.00045	-.00034
23	Tl1908	.00146	-.00067	-.00104	-.00307	.00202	.00136
24	V_2924	.00981	.00194	.00079	.00001	.00031	-.00058
25	Zn2062	.39592	.02056	.00252	.01111	.00398	.02651
26	Sn1899	-.00265	-.00163	-.00104	-.00105	.00000	-.00241
27	Ag3280	-.00080	-.00065	-.00117	-.00124	-.00102	-.00142
28	Mo2020	.00088	.04044	.00234	.01967	.01858	.00826
29	*Y	5415.83	5474.25	5586.45	5607.98	5593.05	5544.98
30	PB2203	.06323	.00132	.00088	.00310	.00290	.00078
31	SE1960	-.00039	-.00270	.00044	-.00254	-.00001	.00070

#	Element	AD849807	AD849808	AD849809	AD849812	CCV	CCB
1	Al3082	.57652	.31381	.33110	k1.5484	24.430	-.02612
2	As1890	.03261	.03544	.02990	k.02096	.49857	-.00135
3	B_2496	14.527	14.087	13.214	k4.0656	.50364	.00768
4	Ba4934	2.3525	1.8613	1.8036	k.64133	.49578	.00018
5	Be3130	-.00001	-.00006	-.00017	k.00915	.50631	-.00038
6	Ca3179	862.11	754.86	762.05	C.00000	24.492	.20515
7	Cd2265	.00328	.00298	.00265	k.00377	.48333	.00016
8	Co2286	.04205	.04274	.03885	k.00900	.49519	-.00026
9	Cr2677	.10640	.10914	.09878	k.10083	.49923	.00008
10	Cu3247	.01605	.01405	.01373	k.32294	.49833	.00270
11	Fe2714	204.53	181.38	173.72	123.29	24.527	.00224
12	K_7664	361.71	377.65	323.13	k982.91	24.615	.03002
13	Mg2790	175.99	162.04	157.87	k35.003	24.289	.01707
14	Mn2576	16.221	13.937	14.944	k3.2468	.49449	.00060
15	Na3302	H863.19	H881.33	H796.57	k1018.1	24.408	.22351
16	Ni2316	.30233	.31150	.28447	k.15036	.49182	.00068
17	2203/1	.01239	.01230	.01233	k.87923	.48943	.00461
18	2203/2	.01071	.01091	.00998	k.94632	.49525	-.00027

#	Element	AD849807	AD849808	AD849809	AD849812	CCV	CCB
19	Sb2068	.02518	.02884	.02245	k.01794	.47232	.00770
20	1960/1	.01653	.01671	.01191	k.01567	.47581	.00366
21	1960/2	-.00274	-.00238	-.00075	k-.00960	.50041	-.00342
22	Ti3372	.06721	.07316	.06527	k.06994	.48995	.00011
23	Tl1908	.00351	.00535	.00754	k-.00624	.47518	-.00016
24	V_2924	.05756	.06180	.05486	k.02611	.49368	.00032
25	Zn2062	5.3376	5.4398	4.3278	k1.2839	.50567	.00161
26	Sn1899	.01817	.01672	.01543	k.02478	.48698	-.00106
27	Ag3280	-.00161	-.00145	-.00183	k-.00229	.50230	-.00147
28	Mo2020	.00722	.00702	.00661	k.06003	.50118	.00247
29	*Y	5385.38	5374.12	5450.48	3992.85	5465.33	5442.3
30	PB2203	.01127	.01137	.01076	k.92398	.49331	.00135
31	SE1960	.00368	.00398	.00346	k-.00117	.49221	-.00106

#	Element	AD849813	AD849814	AD849815	AD8'1:5)	AD8'5/PS	AD8'3/MS
1	Al3082	-.02290	-.02588	-.02269	L-.05415	10.046	10.141
2	As1890	-.00289	-.00253	.02485	.00463	.23663	.23787
3	B_2496	.01421	.01552	.67879	.13552	.87075	.89211
4	Ba4934	.00007	.01015	.12555	.02531	.32851	.33524
5	Be3130	-.00063	-.00070	-.00061	-.00062	.20741	.20598
6	Ca3179	.27725	9.1839	59.520	12.046	68.414	70.444
7	Cd2265	-.00004	.00012	.00019	.00014	.19947	.19768
8	Co2286	.00001	-.00029	.00221	.00029	.20594	.20583
9	Cr2677	-.00039	-.00032	.00073	-.00029	.19937	.19908
10	Cu3247	.00200	.00222	.00202	.00173	.20620	.20666
11	Fe2714	.00207	-.00891	20.449	4.1318	30.214	30.879
12	K_7664	.00402	.73102	50.616	10.109	59.875	61.386
13	Mg2790	.00629	3.8557	76.303	15.214	85.103	87.705
14	Mn2576	.00041	.00054	1.1377	.23067	1.3194	1.3578
15	Na3302	.05758	2.4291	45.742	9.1806	55.363	56.867
16	Ni2316	.00075	.00082	.00643	.00172	.20399	.20371
17	2203/1	.00144	.00206	.00278	.00273	.19924	.19917
18	2203/2	-.00003	.00060	.00089	.00026	.19857	.20024
19	Sb2068	.00708	.00367	.00582	.00541	.19566	.20194
20	1960/1	.00026	.00137	.00233	.00022	.20308	.19405
21	1960/2	-.00089	-.00145	-.00239	-.00371	.20043	.19784
22	Ti3372	-.00002	-.00004	.00012	-.00004	.19922	.19694
23	Tl1908	.00227	-.00051	.00138	-.00041	.19195	.19426
24	V_2924	.00000	.00020	.00105	.00031	.20587	.20385
25	Zn2062	.00145	.00212	.00067	.00034	.20290	.20001
26	Sn1899	-.00128	-.00167	-.00070	-.00008	.17710	.19994
27	Ag3280	-.00124	-.00134	-.00149	-.00121	.04966	.05049
28	Mo2020	.00142	.00009	.00098	.00089	.21224	.21157
29	*Y	5561.33	5590.58	5543.25	5523.15	5511.3	5492.33
30	PB2203	.00046	.00108	.00152	.00108	.19879	.19988
31	SE1960	-.00050	-.00051	-.00082	-.00240	.20131	.19658

#	Element	AD8'4/SD	AD8'7/PB	AD8'6/FB	AD849675	CCV	CCB
1	Al3082	9.9704	.06699	9.9617	-.03112	24.469	-.02788
2	As1890	.23343	-.00161	.21093	.00026	.49677	-.00094
3	B_2496	.86825	.01145	.20807	.25097	.48897	-.00037
4	Ba4934	.32655	.00010	.20423	.03675	.49790	.00015
5	Be3130	.20327	-.00069	.20586	-.00049	.50798	-.00037
6	Ca3179	68.012	.18509	10.005	151.78	24.305	.06705
7	Cd2265	.19539	.00014	.19963	.00005	.48248	.00013
8	Co2286	.20338	.00001	.20478	.00115	.49565	-.00003
9	Cr2677	.19696	.00086	.19881	.00114	.50203	-.00006
10	Cu3247	.20357	.00265	.20630	.00549	.50053	.00277
11	Fe2714	29.944	.00908	10.119	.00134	24.501	.00165
12	K_7664	59.658	.01057	10.118	3.1062	24.325	.01305
13	Mg2790	84.490	.01111	9.9151	46.450	24.369	.01432
14	Mn2576	1.3121	.00022	.20058	.09831	.49601	.00049
15	Na3302	55.031	-.00349	10.107	232.86	24.603	.14255
16	Ni2316	.20086	.00085	.20062	.00343	.49536	.00096
17	2203/1	.19667	.00161	.20135	.00287	.49124	.00264
18	2203/2	.19689	.00008	.20263	-.00031	.49585	.00009
19	Sb2068	.19872	.00585	.19849	.00532	.47267	.00390
20	1960/1	.19579	.00108	.19401	.00086	.47338	.00146
21	1960/2	.20177	-.00282	.19724	-.00258	.49408	-.00514
22	Ti3372	.19460	.00000	.19594	.00001	.49210	.00028
23	Tl1908	.18991	.00115	.19306	-.00021	.46847	.00112
24	V_2924	.20132	-.00009	.20175	.00011	.49512	.00042
25	Zn2062	.19727	.00085	.20570	.00450	.51033	.00081
26	Sn1899	.19386	-.00220	.19679	-.00188	.48070	-.00065
27	Ag3280	.04965	-.00128	.04993	-.00152	.50372	-.00095
28	Mo2020	.20656	.00077	.20841	.00245	.50504	.00102
29	*Y	5501.33	5567.85	5545.42	5474.93	5432.7	5435.33
30	PB2203	.19681	.00059	.20221	.00074	.49431	.00094
31	SE1960	.19978	-.00151	.19616	-.00143	.48717	-.00293

#	Element	AD849676	AD849677	AD849678	AD849679	AD849680	AD849681
1	Al3082	-.03022	.02931	-.02974	-.03720	L-.04439	L-.04089
2	As1890	-.00007	.01794	-.00005	-.00114	-.00088	-.00013
3	B_2496	.45081	.30091	.25014	.27422	.21453	.50322
4	Ba4934	.02155	.01599	.02739	.01080	.01408	.01202
5	Be3130	.00012	-.00034	-.00039	-.00024	-.00031	-.00064
6	Ca3179	349.75	347.08	325.19	508.70	486.10	130.56
7	Cd2265	.00031	.00014	.00014	.00011	.00043	.00017
8	Co2286	.00149	.00367	.00144	.00028	-.00004	.00050
9	Cr2677	.00092	.00016	.00043	-.00045	-.00023	.00030
10	Cu3247	.00170	.00241	.00227	.00147	.00140	.00224
11	Fe2714	9.0761	14.553	3.9831	.21931	27.160	.00823
12	K_7664	27.155	15.436	12.070	8.1584	7.0603	1.8411
13	Mg2790	209.64	195.76	171.66	233.63	233.52	69.968
14	Mn2576	1.4057	1.5268	2.0423	6.3254	2.7010	.04038
15	Na3302	104.76	76.096	63.047	64.053	60.869	115.51
16	Ni2316	.00335	.00558	.00357	.00385	.00137	.00330
17	2203/1	.00076	.00109	.00146	.00101	.00168	.00173
18	2203/2	-.00014	-.00018	.00054	-.00194	.00118	.00068

#	Element	AD849676	AD849677	AD849678	AD849679	AD849680	AD849681
19	Sb2068	.00584	.00612	.00550	.00519	.00371	.00785
20	1960/1	.00463	.00329	.00229	-.00212	.00522	.00186
21	1960/2	-.00434	-.00165	-.00253	-.00410	-.00953	-.00123
22	Ti3372	.00015	.00009	-.00005	-.00019	-.00022	.00012
23	Tl1908	.00160	.00265	-.00019	.00595	.00507	.00234
24	V_2924	-.00006	.00011	.00033	.00011	-.00027	.00005
25	Zn2062	.00163	.00511	.00180	.00299	.00073	.00206
26	Sn1899	-.00098	.00046	-.00165	.00085	.00075	-.00058
27	Ag3280	-.00154	-.00112	-.00137	-.00144	-.00202	-.00115
28	Mo2020	.00269	.00415	.00001	-.00004	.00067	.04982
29	*Y	5136.83	5400.45	5403.83	5376.45	5396.03	5513.7
30	PB2203	.00015	.00023	.00084	-.00096	.00135	.00103
31	SE1960	-.00135	.00000	-.00092	-.00344	-.00461	-.00020

#	Element	AD849682	AD849683	AD8'1:5)	CCV	CCB	STD BLK
1	Al3082	-.03501	-.03643	L-.05747	24.583	-.03278	.10714
2	As1890	.00060	-.00145	-.00270	.50783	-.00272	-.02118
3	B_2496	.60435	.78034	.15479	.50468	-.00047	.01101
4	Ba4934	.02538	.02180	.00446	.50591	.00022	.00145
5	Be3130	-.00071	-.00076	-.00072	.52676	-.00035	.12409
6	Ca3179	53.093	14.311	2.8682	24.660	.06955	.03284
7	Cd2265	.00023	.00004	.00017	.49961	.00017	.00473
8	Co2286	.00028	.00055	.00000	.50877	.00009	-.00727
9	Cr2677	-.00028	-.00020	-.00091	.50852	-.00029	.00002
10	Cu3247	.00294	.00247	.00260	.50467	.00272	.02138
11	Fe2714	-.00689	.03603	-.00257	24.907	.01283	.00018
12	K_7664	1.3396	.65305	.12369	24.019	.02221	-.11267
13	Mg2790	25.026	6.6731	1.3219	25.038	.01596	.00081
14	Mn2576	.04276	.00465	.00098	.51004	.00053	.00091
15	Na3302	76.302	51.155	10.427	24.540	.15959	.00365
16	Ni2316	.00173	.00088	-.00011	.50350	.00044	-.012
17	2203/1	.00306	.00122	.00348	.49987	.00318	.01339
18	2203/2	.00014	.00080	.00014	.50738	.00072	.02398
19	Sb2068	.00445	.00418	.00441	.48533	.00613	.00146
20	1960/1	.00133	.00129	.00045	.47672	-.00213	-.05419
21	1960/2	-.00334	-.00187	-.00146	.50725	-.00383	.05874
22	Ti3372	.00000	.00004	-.00007	.49644	-.00006	-.00663
23	Tl1908	.00050	.00302	.00039	.47338	-.00055	-.024
24	V_2924	.00038	-.00004	-.00024	.50030	.00011	.00045
25	Zn2062	.00548	.00247	.00026	.52813	.00089	.00181
26	Sn1899	-.00072	-.00184	-.00146	.48881	-.00157	-.002
27	Ag3280	-.00169	-.00159	-.00165	.50520	-.00173	-.04902
28	Mo2020	.19934	.26472	.05311	.51713	.00170	.00016
29	*Y	5537.4	5559	5525.48	5448.15	5489.78	5496.15
30	PB2203	.00111	.00094	.00125	.50488	.00154	
31	SE1960	-.00178	-.00081	-.00082	.49707	-.00326	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	4.42535	21.5587	44.0583	50.641	18.746	.03186
2	As1890	1.23264	6.25041	12.6515	1.0055	.37419	.00080
3	B_2496	.41652	2.06552	4.21769	1.0185	.38108	.00100
4	Ba4934	.76094	3.80773	7.74691	1.0128	.37577	.00021
5	Be3130	1.72384	8.13435	16.305	1.0078	.37649	.00013
6	Ca3179			44.6348	49.544	18.465	.00909
7	Cd2265	2.04664	10.0122	20.1771	.99352	.37467	-.00003
8	Co2286	.86319	4.33823	8.79668	1.0059	.37633	.00075
9	Cr2677	.72074	3.57712	7.26268	1.0054	.37522	.00041
10	Cu3247	.52515	2.55338	5.1879	1.0154	.37538	.00048
11	Fe2714	.7653	3.79169	7.70539	50.174	18.755	.00775
12	K_7664			141.434	49.488	18.638	.00826
13	Mg2790			23.7426	49.582	18.350	.00627
14	Mn2576	.41952	2.08539	4.24406	1.0084	.37663	.00015
15	Na3302			2.34644	49.968	18.506	.09429
16	Ni2316	.7109	3.5471	7.15027	.99930	.37478	.00053
17	2203/1	.58766	2.86399	5.74949	.99662	.37686	.00133
18	2203/2	3.18872	15.8422	31.823	1.0039	.37560	-.00127
19	Sb2068	.20307	1.00689	2.0446	1.0084	.37914	.00037
20	1960/1	.35069	1.98879	4.08002	1.0001	.38234	.00305
21	1960/2	.5329	2.49428	5.00597	1.0189	.37971	-.00105
22	Ti3372	1.21172	6.05853	12.3531	1.0080	.37875	.00050
23	Tl1908	.35674	1.84709	3.77336	.99917	.37502	.00019
24	V_2924	.0905	.45195	.92197	1.0108	.37602	.00021
25	Zn2062	.09779	.47768	.95987	1.0006	.37756	-.00008
26	Sn1899	.06398	.32123	.65454	1.0005	.37892	-.00044
27	Ag3280	.64281	3.40794	7.0289	1.0143	.37665	.00008
28	Mo2020	.30175	1.50372	3.04517	1.0077	.38263	.00127
29	*Y	5486.03	5461.8	5422.05	5397.6	5439.9	5461.58
30	PB2203				1.0015	.37602	-.00040
31	SE1960				1.0126	.38059	.00031

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'3/PS
1	Al3082	.20453	521.89	520.76	24.638	.04844	10.215
2	As1890	.00978	.00190	.11331	.49352	.00058	.21654
3	B_2496	.02094	.00051	.04273	.49828	-.00034	.98279
4	Ba4934	.00217	.00076	.53024	.49643	.00008	.22825
5	Be3130	.00194	.00046	.49943	.49860	.00052	.20914
6	Ca3179	.48699	516.52	512.88	24.316	.00960	24.297
7	Cd2265	.00110	Q.00394	.99211	.49056	.00000	.20783
8	Co2286	.00454	.00032	.49702	.49547	.00021	.21063
9	Cr2677	.00456	.00059	.49914	.49518	.00030	.20129
10	Cu3247	.01015	.00095	.53652	.49739	.00105	.21049
11	Fe2714	.05472	202.84	100.24	24.602	-.00069	10.500
12	K_7664	.47575	.04122	.01884	24.361	.00365	11.259
13	Mg2790	.19840	513.65	504.97	24.128	.00494	16.650
14	Mn2576	.00309	.00115	.49694	.49561	-.00002	.21231
15	Na3302	1.0297	.27012	.07003	24.450	.13767	60.630
16	Ni2316	.01015	.00117	.95805	.49323	-.00043	.20627
17	2203/1	.00356	.02735	.07970	.49390	.00061	.20577
18	2203/2	.00438	-.02241	.02679	.49383	-.00003	.20360

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'3/PS
19	Sb2068	.01851	.00081	.63676	.49607	-.00002	.20634
20	1960/1	.01463	-.00468	.05382	.49724	-.00336	.20803
21	1960/2	.01554	-.01049	.05350	.49685	.00165	.20458
22	Ti3372	.00526	.00029	.00198	.49150	.00018	.20250
23	Tl1908	.01984	.00156	.10390	.49123	.00212	.20437
24	V_2924	.00517	.00010	.52432	.49529	-.00006	.20870
25	Zn2062	.01156	-.00156	.97348	.49443	.00026	.20872
26	Sn1899	.00759	.00599	.00413	.49670	-.00131	.18792
27	Ag3280	.00304	.00073	.21959	.50015	.00020	.05058
28	Mo2020	.01046	-.00020	.00021	.49354	-.00047	.46600
29	*Y	5546.25	5010.15	5020.73	5411.25	5074.88	5505.3
30	PB2203	.00411	-.00584	.04441	.49385	.00017	.20432
31	SE1960	.01524	-.00855	.05361	.49697	-.00001	.20573

#	Element	AD8'4/MS	AD8'5/SD	AD849686	AD849687	AD849688	AD849689
1	Al3082	10.155	10.057	.04206	.03215	.03304	.05516
2	As1890	.21496	.21225	.02185	.00158	.00083	-.00001
3	B_2496	1.0079	1.0049	1.0944	.15645	.04910	.00924
4	Ba4934	.22787	.22594	.22838	.05522	.04343	.00012
5	Be3130	.20537	.20203	-.00009	-.00005	.00007	-.00019
6	Ca3179	24.518	24.356	38.779	76.745	221.26	.15099
7	Cd2265	.20525	.20098	-.00009	-.00004	.00005	-.00007
8	Co2286	.20906	.20613	.00378	.00061	.00442	.00027
9	Cr2677	.19982	.19653	.00189	.00033	.00052	.00111
10	Cu3247	.20913	.20570	.00071	.00034	.00000	.00069
11	Fe2714	10.395	10.183	11.806	1.4895	4.2707	.00820
12	K_7664	11.276	11.112	70.082	12.515	3.4111	.01224
13	Mg2790	16.702	16.545	58.399	22.187	96.910	.01812
14	Mn2576	.21037	.20629	.40846	1.2527	.19697	.00006
15	Na3302	61.759	61.738	90.937	22.616	6.9086	.16196
16	Ni2316	.20310	.20030	.01696	.00078	.01371	-.00006
17	2203/1	.20434	.20154	-.00110	.00105	-.00047	.00045
18	2203/2	.20504	.19782	-.00115	.00004	.00009	-.00075
19	Sb2068	.20822	.20160	-.00215	-.00155	-.00344	.00084
20	1960/1	.20171	.20021	-.00191	.00298	-.00235	-.00389
21	1960/2	.20548	.19890	-.00126	-.00498	-.00518	-.00343
22	Ti3372	.19952	.19579	.00062	.00037	.00051	.00028
23	Tl1908	.20522	.20290	.00238	.00323	.00278	.00194
24	V_2924	.20529	.20208	.00095	.00007	.00022	-.00009
25	Zn2062	.20424	.19893	.00400	.00269	.00260	.00111
26	Sn1899	.20621	.20566	.00010	.00103	.00208	.00112
27	Ag3280	.05133	.05096	.00040	-.00009	.00025	.00036
28	Mo2020	.46721	.46472	.00230	.00162	.00180	.00203
29	*Y	5505.75	5497.95	5475.98	5485.95	5410.95	5544
30	PB2203	.20480	.19906	-.00113	.00037	-.00009	-.00035
31	SE1960	.20422	.19934	-.00147	-.00232	-.00423	-.00359

#	Element	AD849690	AD849691	AD849692	CCV	CCB	AD849693
1	Al3082	.02776	.03325	.03624	24.607	.03533	.05773
2	As1890	-.00035	.02775	.00344	.49465	-.00021	.00305
3	B_2496	.01261	.71691	.04956	.49747	.00053	.04333
4	Ba4934	.01030	.12895	.07012	.49373	.00010	.16693
5	Be3130	-.00018	.00011	.00020	.49884	.00012	-.00002
6	Ca3179	9.2540	62.762	129.37	24.400	.00950	112.60
7	Cd2265	.00000	.00018	-.00010	.49525	.00000	.00013
8	Co2286	.00028	.00303	-.00011	.49692	.00000	.00205
9	Cr2677	.00052	.00074	.00031	.49596	.00071	.00084
10	Cu3247	.00089	.00022	-.00021	.49567	.00084	.00083
11	Fe2714	.00712	21.343	5.0940	24.671	.00242	2.5426
12	K_7664	.72976	51.071	2.6689	24.295	.00243	2.6276
13	Mg2790	3.8517	78.770	65.535	24.252	.00617	61.474
14	Mn2576	.00043	1.2191	.16066	.49689	.00005	.45118
15	Na3302	2.3736	46.789	14.690	24.277	.11553	21.331
16	Ni2316	.00040	.00618	.00024	.49550	.00051	.00493
17	2203/1	-.00017	.00035	-.00012	.49736	-.00041	-.00069
18	2203/2	-.00118	-.00076	-.00116	.49683	.00009	.00072
19	Sb2068	-.00148	-.00274	-.00031	.49398	-.00112	-.00008
20	1960/1	-.00055	.00362	.00099	.49834	.00284	.00181
21	1960/2	.00011	-.00106	-.00433	.50378	-.00094	-.00226
22	Ti3372	.00026	.00016	.00012	.49189	.00039	.00052
23	Tl1908	.00271	.00269	.00050	.49220	-.00070	.00277
24	V_2924	-.00029	.00034	-.00029	.49484	.00012	.00006
25	Zn2062	.00187	.00062	.00127	.50007	-.00015	.00225
26	Sn1899	.00042	.00088	.00136	.49539	.00022	-.00020
27	Ag3280	-.00037	-.00027	-.00064	.49934	.00009	-.00002
28	Mo2020	-.00014	-.00013	.00434	.49464	.00233	.00684
29	*Y	5530.05	5464.8	5392.73	5462.93	5400.45	5458.58
30	PB2203	-.00084	-.00039	-.00082	.49700	-.00007	.00025
31	SE1960	-.00010	.00049	-.00255	.50196	.00031	-.00090

#	Element	AD849694	AD849695	AD8'2/PB	AD8'1/FB	AD849842	AD849843
1	Al3082	.31782	.04253	.03912	10.335	3.1388	97.149
2	As1890	.00574	.00109	-.00037	.21940	.00235	.08810
3	B_2496	.04954	.05322	.00758	.21952	.03051	.06924
4	Ba4934	.04613	.06631	.00017	.21057	.04569	.79797
5	Be3130	.00011	-.00002	-.00021	.21486	.00014	.00402
6	Ca3179	158.50	121.99	.16301	10.463	90.416	86.511
7	Cd2265	.00000	.00003	-.00001	.21207	.00086	.00798
8	Co2286	.00119	.00105	.00026	.21523	.00492	.10466
9	Cr2677	.00086	.00015	.00028	.20512	.00390	.14958
10	Cu3247	.00109	.00084	.00145	.21160	.01546	.30286
11	Fe2714	2.9854	1.8769	.00703	10.520	3.4063	280.93
12	K_7664	2.8723	3.0676	.00975	10.227	2.9775	14.209
13	Mg2790	67.204	62.535	.00638	10.360	10.867	39.359
14	Mn2576	.12909	.11927	.00002	.21104	1.1740	9.0011
15	Na3302	17.863	39.641	.18132	10.327	51.670	63.892
16	Ni2316	.00429	.00416	.00048	.20919	.01035	.22162
17	2203/1	.00161	-.00258	.00235	.21011	.00435	.14596
18	2203/2	-.00305	-.00107	.00029	.21114	.00151	.13863

#	Element	AD849694	AD849695	AD8'2/PB	AD8'1/FB	AD849842	AD849843
19	Sb2068	-.00023	-.00164	-.00050	.20890	.00023	.00020
20	1960/1	.00291	-.00114	-.00174	.21052	-.00161	.00837
21	1960/2	-.00522	-.00043	-.00205	.20898	-.00101	.00496
22	Ti3372	.00027	.00002	.00022	.20255	.04299	.27488
23	Tl1908	.00202	.00309	.00110	.20739	.00182	.01173
24	V_2924	-.00024	-.00063	-.00019	.20857	.00424	.14520
25	Zn2062	.00669	.00470	.00055	.21294	.40740	1.1061
26	Sn1899	.00148	.00016	.00015	.21204	.00056	.01033
27	Ag3280	-.00040	-.00064	-.00061	.05160	-.00104	-.00077
28	Mo2020	.00611	.00242	-.00041	.21311	.00214	.00742
29	*Y	5439.08	5485.12	5530.65	5418.38	5471.33	5888.1
30	PB2203	-.00149	-.00158	.00098	.21079	.00245	.14107
31	SE1960	-.00250	-.00067	-.00195	.20949	-.00121	.00610

#	Element	AD849844	AD849845	AD8'1:5)	CCV	CCB	AD8'5/PS
1	Al3082	5.4829	36.231	7.7721	24.627	.02668	45.643
2	As1890	.00355	.03509	.00860	.49980	.00065	.24504
3	B_2496	.04297	.05449	.01076	.50170	-.00137	.25898
4	Ba4934	.12975	.44073	.09204	.49200	.00015	.63070
5	Be3130	.00034	.00132	.00020	.51545	.00019	.20999
6	Ca3179	81.970	76.278	15.706	24.630	.01329	84.574
7	Cd2265	.00060	.00652	.00130	.49321	.00015	.20453
8	Co2286	.00247	.02625	.00537	.50374	.00005	.23047
9	Cr2677	.01232	.08988	.01945	.50205	.00021	.28459
10	Cu3247	.03532	.35966	.07482	.49552	.00199	.56016
11	Fe2714	21.325	213.05	44.076	24.708	.00730	217.87
12	K_7664	4.4294	10.927	2.2452	24.175	-.00400	21.118
13	Mg2790	11.024	18.138	3.7349	24.971	.00660	28.058
14	Mn2576	.11973	2.0081	.41305	.50797	.00007	2.1782
15	Na3302	86.239	72.196	14.762	23.891	.12530	80.697
16	Ni2316	.00707	.07573	.01601	.49819	.00000	.27053
17	2203/1	.06084	.12719	.02688	.49913	.00122	.32435
18	2203/2	.06207	.12542	.02394	.50719	.00083	.32419
19	Sb2068	-.00032	.00098	.00001	.48742	-.00173	.20026
20	1960/1	-.00136	.00611	.00111	.49165	-.00307	.20514
21	1960/2	-.00337	.00079	.00150	.50867	-.00463	.20821
22	Ti3372	.07223	.24967	.07715	.48955	.00037	.43575
23	Tl1908	.00029	.00710	-.00120	.47839	.00052	.19515
24	V_2924	.00973	.09391	.01976	.49511	.00032	.29507
25	Zn2062	.29417	.94763	.19765	.51541	.00034	1.1326
26	Sn1899	.00261	.01028	-.00012	.49360	.00049	.18744
27	Ag3280	-.00121	-.00067	-.00056	.49931	-.00063	.04902
28	Mo2020	.00195	.00657	.00208	.50161	.00084	.21415
29	*Y	5392.2	5662.95	5517.53	5453.33	5365.58	5607.45
30	PB2203	.06166	.12601	.02492	.50451	.00096	.32424
31	SE1960	-.00270	.00256	.00137	.50299	-.00411	.20718

#	Element	AD8'6/MS	AD8'7/SD	AD849848	AD849849	AD849850	AD849851
1	Al3082	47.683	46.933	23.846	4.8082	15.271	48.896
2	As1890	.24752	.24335	.01031	.00281	.00749	.03938
3	B_2496	.25634	.25112	.04844	.02942	.06951	.06994
4	Ba4934	.63557	.64009	.16867	.05730	.14580	.30353
5	Be3130	.20722	.20087	.00090	.00027	.00051	.00186
6	Ca3179	89.127	86.466	96.438	78.543	94.446	90.922
7	Cd2265	.20220	.19860	.00229	.00076	.00089	.00324
8	Co2286	.23225	.22598	.01475	.00395	.01360	.02567
9	Cr2677	.29324	.28578	.04912	.00625	.02897	.08455
10	Cu3247	.59040	.58088	.33277	.01937	.13122	.24764
11	Fe2714	234.71	233.35	59.434	5.5789	33.557	133.65
12	K_7664	21.004	20.111	6.7724	2.8405	6.6525	12.319
13	Mg2790	29.216	28.411	19.144	12.322	17.954	24.472
14	Mn2576	2.3430	2.2792	1.0200	.45608	1.8288	1.7355
15	Na3302	83.517	82.528	40.504	33.710	33.819	37.436
16	Ni2316	.27864	.27286	.04642	.00995	.03549	.08742
17	2203/1	.32931	.32606	.01905	.00370	.02507	.06997
18	2203/2	.33440	.32625	.01465	.00169	.02689	.06339
19	Sb2068	.17191	.17035	-.00054	-.00028	.00063	.00260
20	1960/1	.20396	.19924	.00346	-.00158	.00584	.00936
21	1960/2	.20528	.19797	-.00169	-.00573	-.00501	.00233
22	Ti3372	.44210	.43390	.12822	.06688	.09493	.25750
23	Tl1908	.19379	.19426	.00238	.00103	.00616	.00491
24	V_2924	.29867	.29440	.02689	.00657	.02088	.07974
25	Zn2062	1.2257	1.1735	.45395	.43705	.17396	2.4509
26	Sn1899	.20586	.20505	.00245	.00066	.00371	.00880
27	Ag3280	.05060	.05054	-.00085	-.00199	-.00043	-.00056
28	Mo2020	.20926	.20357	.00221	.00151	.00087	.00825
29	*Y	5671.73	5644.65	5555.48	5490.15	5543.33	5667.6
30	PB2203	.33270	.32618	.01612	.00236	.02628	.06558
31	SE1960	.20484	.19839	.00002	-.00435	-.00139	.00468

#	Element	AD849852	AD849853	AD849854	CCV	CCB	AD849855
1	Al3082	35.846	.16768	.11070	24.695	.02563	15.632
2	As1890	.01972	.11269	.02311	.49430	.00129	.13713
3	B_2496	.06380	9.1403	1.4791	.50380	.00166	9.0956
4	Ba4934	.28689	.06811	.03969	.49506	.00017	1.1862
5	Be3130	.00177	.00057	.00043	.51005	.00030	.00115
6	Ca3179	125.92	76.906	244.42	24.508	.01744	152.61
7	Cd2265	.00436	.00011	.00367	.48840	.00000	.00125
8	Co2286	.02917	.01258	.12501	.50113	.00038	.04358
9	Cr2677	.04686	.10596	.00442	.49837	.00049	.14974
10	Cu3247	.14745	.00812	.00673	.50014	.00194	.04197
11	Fe2714	66.939	2.3281	171.68	24.696	.00983	46.080
12	K_7664	9.8391	325.93	93.374	24.241	.01672	H421.81
13	Mg2790	33.920	59.146	190.66	24.535	.01085	126.51
14	Mn2576	3.2063	.72389	H77.934	.49972	.00108	2.4826
15	Na3302	30.580	H2526.9	291.14	24.339	.16407	H1006.9
16	Ni2316	.07838	.13921	.11088	.49692	.00005	.16782
17	2203/1	.16747	.00039	.00421	.49724	.00105	.02222
18	2203/2	.16334	-.00083	.00223	.50108	.00005	.02450

#	Element	AD849852	AD849853	AD849854	CCV	CCB	AD849855
19	Sb2068	-.00021	.00025	-.00167	.48586	-.00085	.00711
20	1960/1	.00202	.00805	.01567	.50201	-.00351	.00726
21	1960/2	-.00092	-.00137	.00104	.50132	.00115	.00111
22	Ti3372	.22634	.07545	.00128	.49084	.00022	.25226
23	Tl1908	.00254	.00040	.01010	.47857	.00202	.00393
24	V_2924	.05248	.08726	.00062	.49591	.00023	.06901
25	Zn2062	4.9522	.01267	.04928	.50141	.00016	.17575
26	Sn1899	.00491	-.00046	.00296	.50247	.00089	.02480
27	Ag3280	-.00075	.00066	.00092	.50252	-.00086	-.00025
28	Mo2020	.00371	.03072	-.00246	.49636	.00168	.02251
29	*Y	5573.33	4930.12	5286.9	5406.83	5310.3	5358.67
30	PB2203	.16471	-.00042	.00289	.49980	.00039	.02374
31	SE1960	.00005	.00177	.00592	.50155	-.00040	.00316

#	Element	AD849856	AD849857	AD849858	AD849859	AD849860	AD849894
1	Al3082	1.2085	.07258	.00602	1.3224	.07924	.67541
2	As1890	.00200	.00082	-.00026	.01295	.00115	.00946
3	B_2496	.10278	.05305	.04928	.20861	.01088	.23998
4	Ba4934	.04433	.06117	.04370	.45470	.01961	.02729
5	Be3130	.00007	.00009	.00016	.00012	.00009	.00032
6	Ca3179	67.920	112.08	225.52	116.56	31.733	275.03
7	Cd2265	.00009	.00027	.00006	.00039	.00004	.00024
8	Co2286	.00112	.00627	.00482	.00364	.00057	.00089
9	Cr2677	.00261	.58167	.00058	.00267	.00057	.01021
10	Cu3247	.00964	.00983	.00167	.04670	.00247	.01396
11	Fe2714	1.4749	6.8444	4.8508	3.9468	.00800	3.2817
12	K_7664	2.9045	4.2007	3.3607	12.216	1.5461	7.4251
13	Mg2790	13.035	59.024	100.47	32.602	8.6176	302.07
14	Mn2576	.03469	.10750	.21020	.15452	.00260	.03648
15	Na3302	23.789	37.409	6.8834	87.607	13.835	96.149
16	Ni2316	.00321	.08509	.01522	.00442	.00142	.01108
17	2203/1	.01018	.00164	-.00160	.53592	.00155	.00795
18	2203/2	.00834	-.00064	.00050	.54887	-.00020	.00745
19	Sb2068	.00023	.00179	-.00062	-.00286	-.00008	.03642
20	1960/1	-.00337	-.00074	-.00120	.00141	.00004	.00357
21	1960/2	-.00159	-.00190	-.00335	-.00232	-.00057	-.00211
22	Ti3372	.03033	.00104	-.00008	.06475	.00028	.00918
23	Tl1908	.00084	.00207	.00004	-.00143	-.00159	.00025
24	V_2924	.00269	.00132	-.00019	.00223	.00032	.00066
25	Zn2062	.01639	.00542	.00395	.15820	.00196	.29592
26	Sn1899	.00202	-.00042	.00096	.00256	.00230	.00179
27	Ag3280	-.00072	-.00139	-.00110	-.00088	-.00097	-.00104
28	Mo2020	.00850	.03341	.00056	.00197	.00021	.00230
29	*Y	5459.33	5403.6	5418	5430.53	5410.88	5348.25
30	PB2203	.00895	.00012	-.00019	.54456	.00038	.00762
31	SE1960	-.00219	-.00151	-.00263	-.00107	-.00037	-.00021

#	Element	CCV	CCB
1	Al3082	26.668	.03106
2	As1890	.53470	.00175
3	B_2496	.54272	.00059
4	Ba4934	.53352	.00012
5	Be3130	Q.55658	.00052
6	Ca3179	26.486	.02190
7	Cd2265	.53329	.00013
8	Co2286	.54540	.00071
9	Cr2677	.53843	.00025
10	Cu3247	.53913	.00120
11	Fe2714	26.770	.00368
12	K_7664	25.635	-.00776
13	Mg2790	26.667	.01711
14	Mn2576	.54316	.00119
15	Na3302	26.144	-.03751
16	Ni2316	.53591	.00016
17	2203/1	.54349	-.00021
18	2203/2	.54353	-.00124
19	Sb2068	.52289	-.00188
20	1960/1	.54501	-.00472
21	1960/2	.54291	-.00580
22	Ti3372	.52806	-.00005
23	Tl1908	.52278	.00043
24	V_2924	.53409	-.00039
25	Zn2062	.54399	.00016
26	Sn1899	.54920	.00062
27	Ag3280	.54078	-.00101
28	Mo2020	.53451	.00028
29	*Y	5100.98	5330.03
30	PB2203	.54351	-.00090
31	SE1960	.54361	-.00544

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

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Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:08:24 AM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 08/19/08 10:05:21
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.56437	257.9402	45.50809	4.660196
SDev	.51666	.6064	.25006	.014676
%RSD	.5968503	.2351087	.5494779	.3149124
#1	86.19904	257.5114	45.33128	4.649819
#2	86.92970	258.3690	45.68491	4.670573
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0171856	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 09/04/08 02:16:08 AM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 09/04/08 02:11:09

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.10714	-.02118	.01102	.00146	.12409	.03285	.00474
SDev	.00462	.01616	.00204	.00027	.00120	.00096	.00185
%RSD	4.3146	76.277	18.485	18.630	.96878	2.9272	38.972
#1	.11041	-.00976	.00958	.00126	.12324	.03217	.00343
#2	.10387	-.03261	.01246	.00165	.12494	.03353	.00605

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00727	.00003	.02139	.00019	-.11267	.00082	.00091
SDev	.00147	.00566	.00214	.00155	.06478	.00038	.00027
%RSD	20.265	20645.	9.9913	815.96	57.493	46.277	29.213
#1	-.00831	-.00398	.01988	-.00090	-.15848	.00108	.00072
#2	-.00623	.00403	.02290	.00128	-.06687	.00055	.00110

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00365	-.01200	.01339	.02399	.00147	-.05420	.05875
SDev	.00235	.00168	.00412	.05028	.00259	.00462	.00406
%RSD	64.410	14.041	30.748	209.61	176.24	8.5265	6.9149
#1	.00199	-.01319	.01048	-.01157	-.00036	-.05747	.06162
#2	.00531	-.01081	.01630	.05954	.00330	-.05093	.05588

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00663	-.02401	.00046	.00181	-.00200	-.04903	.00017
SDev	.00187	.00157	.00013	.00101	.00028	.00120	.00309
%RSD	28.130	6.5332	29.213	55.753	13.817	2.4425	1848.0
#1	-.00795	-.02512	.00036	.00253	-.00181	-.04988	.00235
#2	-.00531	-.02290	.00055	.00110	-.00220	-.04818	-.00202

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5496	--	--	--	--	--	--
SDev	53.24535	--	--	--	--	--	--
%RSD	.9687753	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5458	--	--	--	--	--	--

Standardization Rpt. 09/04/08 02:20:44 AM page 1

Method: TRACE1 Standard: STD 1
Run Time: 09/04/08 02:16:12

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.4254	1.2326	.41653	.76094	1.7238	2.0466	.86319
SDev	.0095	.0190	.00824	.00371	.0079	.0071	.00158
%RSD	.21491	1.5443	1.9784	.48785	.45900	.34867	.18321
#1	4.4186	1.2461	.41070	.75832	1.7183	2.0517	.86431
#2	4.4321	1.2192	.42236	.76357	1.7294	2.0416	.86207

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.72075	.52516	.76531	.41952	.71090	.58766	3.1887
SDev	.00344	.00349	.00089	.00039	.00314	.00763	.0542
%RSD	.47657	.66380	.11665	.09276	.44180	1.2976	1.7003
#1	.71832	.52269	.76468	.41925	.70868	.59305	3.2271
#2	.72318	.52762	.76594	.41980	.71312	.58227	3.1504

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.20307	.35070	.53290	1.2117	.35675	.09050	.09779
SDev	.00668	.00515	.00210	.0031	.01292	.00020	.00049
%RSD	3.2889	1.4684	.39346	.25227	3.6210	.22686	.50108
#1	.19835	.35434	.53142	1.2096	.34761	.09036	.09745
#2	.20780	.34706	.53439	1.2139	.36588	.09065	.09814

Elem	Sn1899	Ag3280	Mo2020
Avge	.06398	.64281	.30176
SDev	.00178	.00033	.00391
%RSD	2.7866	.05180	1.2966
#1	.06272	.64305	.30453
#2	.06524	.64258	.29899

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5486	--	--	--	--	--	--
SDev	20.25854	--	--	--	--	--	--
%RSD	.3692754	--	--	--	--	--	--
#1	5500	--	--	--	--	--	--
#2	5472	--	--	--	--	--	--

Standardization Rpt. 09/04/08 02:25:20 AM page 1

Method: TRACE1 Standard: STD 2
Run Time: 09/04/08 02:20:48

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.559	6.2504	2.0655	3.8077	8.1344	10.012	4.3382
SDev	.042	.0079	.0012	.0193	.0431	.002	.0121
%RSD	.19363	.12636	.05802	.50603	.53020	.01962	.27894
#1	21.529	6.2448	2.0664	3.7941	8.1039	10.011	4.3297
#2	21.588	6.2560	2.0647	3.8214	8.1649	10.014	4.3468

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.5771	2.5534	3.7917	2.0854	3.5471	2.8640	15.842
SDev	.0104	.0105	.0012	.0039	.0098	.0163	.094
%RSD	.29139	.40952	.03278	.18643	.27767	.57066	.59094
#1	3.5698	2.5460	3.7908	2.0826	3.5401	2.8524	15.776
#2	3.5845	2.5608	3.7926	2.0881	3.5541	2.8756	15.908

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	1.0069	1.9888	2.4943	6.0585	1.8471	.45196	.47768
SDev	.0042	.0156	.0395	.0047	.0076	.00123	.00244
%RSD	.41789	.78351	1.5835	.07745	.40934	.27236	.51166
#1	1.0099	1.9998	2.5222	6.0552	1.8524	.45109	.47596
#2	1.0039	1.9778	2.4664	6.0619	1.8417	.45283	.47941

Elem	Sn1899	Ag3280	Mo2020
Avge	.32123	3.4079	1.5037
SDev	.00005	.0057	.0090
%RSD	.01508	.16743	.59969
#1	.32127	3.4039	1.4973
#2	.32120	3.4120	1.5101

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5462	--	--	--	--	--	--
SDev	10.18227	--	--	--	--	--	--
%RSD	.1864270	--	--	--	--	--	--
#1	5469	--	--	--	--	--	--
#2	5455	--	--	--	--	--	--

Standardization Rpt. 09/04/08 02:30:24 AM page 1

Method: TRACE1 Standard: STD 3
Run Time: 09/04/08 02:25:25

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	44.058	12.652	4.2177	7.7469	16.305	44.635	20.177
SDev	.129	.036	.0142	.0375	.072	.065	.007
%RSD	.29390	.28410	.33665	.48362	.43875	.14579	.03543
#1	43.967	12.626	4.2077	7.7204	16.254	44.589	20.182
#2	44.150	12.677	4.2277	7.7734	16.356	44.681	20.172

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	8.7967	7.2627	5.1879	7.7054	141.43	23.743	4.2441
SDev	.0175	.0293	.0237	.0087	.59	.035	.0059
%RSD	.19895	.40282	.45703	.11302	.42005	.14887	.13890
#1	8.7843	7.2420	5.1711	7.6992	141.85	23.718	4.2399
#2	8.8091	7.2834	5.2047	7.7116	141.01	23.768	4.2482

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3464	7.1503	5.7495	31.823	2.0446	4.0800	5.0060
SDev	.0141	.0318	.0108	.034	.0077	.0285	.0366
%RSD	.59948	.44493	.18763	.10761	.37538	.69739	.73094
#1	2.3365	7.1278	5.7419	31.847	2.0500	4.0599	4.9801
#2	2.3564	7.1728	5.7571	31.799	2.0392	4.1001	5.0319

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	12.353	3.7734	.92198	.95988	.65455	7.0289	3.0452
SDev	.019	.0267	.00252	.00063	.00156	.0217	.0208
%RSD	.15619	.70709	.27356	.06530	.23808	.30884	.68289
#1	12.339	3.7922	.92019	.95943	.65565	7.0136	3.0305
#2	12.367	3.7545	.92376	.96032	.65345	7.0443	3.0599

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5422	--	--	--	--	--	--
SDev	8.697275	--	--	--	--	--	--
%RSD	.1604057	--	--	--	--	--	--
#1	5428	--	--	--	--	--	--
#2	5416	--	--	--	--	--	--

Standardization Report 09/04/08 02:30:25 AM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.15412	-.123436	09/04/08 02:25:25
As1890	189.042	Multiple	Standards	.079436	.001686	09/04/08 02:25:25
B_2496	249.678	Multiple	Standards	.242714	-.002659	09/04/08 02:25:25
Ba4934	493.409	Multiple	Standards	.130733	-.000183	09/04/08 02:25:25
Be3130	313.042	Multiple	Standards	.062300	-.007727	09/04/08 02:25:25
Ca3179	317.933	STD 3	STD BLK	.970224	-.006681	09/04/08 02:25:25
Cd2265	226.502	Multiple	Standards	.049662	-.000244	09/04/08 02:25:25
Co2286	228.616	Multiple	Standards	.114662	.000837	09/04/08 02:25:25
Cr2677	267.716	Multiple	Standards	.138794	-.000003	09/04/08 02:25:25
Cu3247	324.753	Multiple	Standards	.196220	-.004187	09/04/08 02:25:25
Fe2714	271.441	Multiple	Standards	6.54066	-.001225	09/04/08 02:25:25
K_7664	766.491	STD 3	STD BLK	.941542	-.122097	09/04/08 02:25:25
Mg2790	279.078	STD 3	STD BLK	.945352	-.003600	09/04/08 02:25:25
Mn2576	257.610	Multiple	Standards	.237804	-.000213	09/04/08 02:25:25
Na3302	330.232	STD 3	STD BLK	.941852	.000362	09/04/08 02:25:25
Ni2316	231.604	Multiple	Standards	.139278	.001665	09/04/08 02:25:25
2203/1	220.351	Multiple	Standards	.178701	-.002395	09/04/08 02:25:25
2203/2	220.352	Multiple	Standards	.031247	-.000748	09/04/08 02:25:25
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.495427	-.000723	09/04/08 02:25:25
1960/1	196.021	Multiple	Standards	.244681	.013270	09/04/08 02:25:25
1960/2	196.022	Multiple	Standards	.203591	-.011941	09/04/08 02:25:25
Ti3372	337.280	Multiple	Standards	.081812	.000546	09/04/08 02:25:25
Tl1908	190.864	Multiple	Standards	.262711	.006303	09/04/08 02:25:25
V_2924	292.402	Multiple	Standards	1.10160	-.000493	09/04/08 02:25:25
Zn2062	206.200	Multiple	Standards	1.04462	-.001898	09/04/08 02:25:25
Sn1899	189.989	Multiple	Standards	1.52720	.003052	09/04/08 02:25:25
Ag3280	328.068	Multiple	Standards	.143397	.007038	09/04/08 02:25:25
Mo2020	202.030	Multiple	Standards	.330547	-.000053	09/04/08 02:25:25

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Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000220	-.000220
		STD 1	5.00000	4.98393	.016069
		STD 2	25.0000	24.7578	.242231
		STD 3	50.0000	50.7249	-.724865

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099603	.000397
		STD 2	.500000	.498196	.001804
		STD 3	1.00000	1.00668	-.006675

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000015	-.000015
		STD 1	.100000	.098438	.001562
		STD 2	.500000	.498673	.001327
		STD 3	1.00000	1.02103	-.021033

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099296	.000704
		STD 2	.500000	.497612	.002388
		STD 3	1.00000	1.01259	-.012592

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099670	.000330
		STD 2	.500000	.499047	.000953
		STD 3	1.00000	1.00808	-.008080

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.032846	-.007659
		STD 3	43.2991	44.6348	-1.33572

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101396	-.001396
		STD 2	.500000	.496982	.003018
		STD 3	1.00000	1.00180	-.001795

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099812	.000188
		STD 2	.500000	.498268	.001732
		STD 3	1.00000	1.00948	-.009484

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.100033	-.000033
		STD 2	.500000	.496482	.003518
		STD 3	1.00000	1.00802	-.008016

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.098859	.001141
		STD 2	.500000	.496838	.003162
		STD 3	1.00000	1.01379	-.013786

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	.000014	-.000014
		STD 1	5.00000	5.00441	-.004406
		STD 2	25.0000	24.7990	.201002
		STD 3	50.0000	50.3971	-.397148

CorCoef: 0.99996

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.112674	-.115510
		STD 3	133.044	141.434	-8.39008

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.000817	-.003645
		STD 3	22.4415	23.7426	-1.30107

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099551	.000449
		STD 2	.500000	.495702	.004298
		STD 3	1.00000	1.00904	-.009042

CorCoef: 0.99996

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.003650	.000150
		STD 3	2.21037	2.34645	-.136080

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100678	-.000678
		STD 2	.500000	.495698	.004302
		STD 3	1.00000	.997541	.002459

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.102620	-.002620
		STD 2	.500000	.509405	-.009405
		STD 3	1.00000	1.02505	-.025048

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.098890	.001110
		STD 2	.500000	.494271	.005729
		STD 3	1.00000	.993621	.006379

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099885	.000115
		STD 2	.500000	.498121	.001879
		STD 3	1.00000	1.01223	-.012230

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.099080	.000920
		STD 2	.500000	.499891	.000109
		STD 3	1.00000	1.01157	-.011574

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000020	-.000020
		STD 1	.100000	.096554	.003446
		STD 2	.500000	.495875	.004125
		STD 3	1.00000	1.00723	-.007234

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099680	.000320
		STD 2	.500000	.496210	.003790
		STD 3	1.00000	1.01118	-.011182

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100024	-.000024
		STD 2	.500000	.491554	.008446
		STD 3	1.00000	.997606	.002394

CorCoef: 0.99997

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099205	.000795
		STD 2	.500000	.497384	.002616
		STD 3	1.00000	1.01516	-.015157

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100261	-.000261
		STD 2	.500000	.497102	.002898
		STD 3	1.00000	1.00081	-.000813

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100769	-.000769
		STD 2	.500000	.493637	.006363
		STD 3	1.00000	1.00268	-.002679

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099216	.000784
		STD 2	.500000	.495728	.004272
		STD 3	1.00000	1.01496	-.014964

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099693	.000307
		STD 2	.500000	.496999	.003001
		STD 3	1.00000	1.00652	-.006521

CorCoef: 0.99998

Analysis Report Blank Sample 09/04/08 02:35:28 AM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/04/08 02:30:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.641	1.0055	1.0185	1.0128	1.0078	49.544	.99352
SDev	.013	.0003	.0012	.0011	.0001	.097	.00201
%RSD	.02631	.02850	.11782	.11270	.00897	.19660	.20192
#1	50.650	1.0057	1.0194	1.0120	1.0078	49.613	.99494
#2	50.631	1.0053	1.0177	1.0136	1.0079	49.475	.99210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0059	1.0054	1.0154	50.174	49.488	49.582	1.0084
SDev	.0004	.0012	.0007	.123	.089	.082	.0017
%RSD	.04054	.11932	.07103	.24529	.17889	.16551	.17111
#1	1.0062	1.0062	1.0149	50.261	49.551	49.640	1.0096
#2	1.0056	1.0045	1.0159	50.087	49.426	49.524	1.0072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.968	.99930	.99663	1.0039	1.0015	1.0126	1.0084
SDev	.152	.00101	.00983	.0041	.0060	.0032	.0047
%RSD	.30471	.10054	.98679	.41146	.60212	.32089	.46156
#1	50.076	.99859	1.0036	1.0068	1.0057	1.0149	1.0051
#2	49.861	1.0000	.98967	1.0010	.99721	1.0103	1.0117
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0001	1.0189	1.0080	.99918	1.0108	1.0006	1.0005
SDev	.0061	.0018	.0011	.00533	.0020	.0024	.0009
%RSD	.60829	.17985	.11383	.53338	.19449	.24069	.09381
#1	1.0044	1.0202	1.0088	1.0029	1.0122	1.0023	1.0012
#2	.99578	1.0176	1.0072	.99541	1.0094	.99893	.99984
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0143	1.0077
SDev	.0004	.0037
%RSD	.04238	.36706
#1	1.0146	1.0050
#2	1.0140	1.0103
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5398	--	--	--	--	--	--
SDev	15.90990	--	--	--	--	--	--
%RSD	.2947588	--	--	--	--	--	--
#1	5386	--	--	--	--	--	--
#2	5409	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:40:31 AM page 1

Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 09/04/08 02:35:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.746	.37420	.38108	.37578	.37649	18.465	.37467
SDev	.032	.00141	.00058	.00121	.00100	.024	.00034
%RSD	.16936	.37615	.15178	.32084	.26488	.13123	.09102
#1	18.768	.37320	.38149	.37663	.37720	18.482	.37491
#2	18.723	.37519	.38067	.37492	.37579	18.448	.37443
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37634	.37523	.37539	18.755	18.638	18.350	.37663
SDev	.00056	.00129	.00067	.017	.035	.011	.00010
%RSD	.15024	.34419	.17829	.08967	.18716	.06084	.02755
#1	.37594	.37614	.37586	18.767	18.614	18.358	.37671
#2	.37674	.37431	.37492	18.743	18.663	18.342	.37656
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.506	.37478	.37686	.37560	.37602	.38059	.37915
SDev	.194	.00223	.00189	.00051	.00029	.00067	.00061
%RSD	1.0486	.59385	.50209	.13453	.07794	.17711	.16013
#1	18.643	.37635	.37820	.37524	.37623	.38107	.37872
#2	18.368	.37321	.37553	.37596	.37581	.38011	.37958
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38235	.37972	.37876	.37502	.37602	.37756	.37893
SDev	.00219	.00008	.00071	.00006	.00054	.00084	.00057
%RSD	.57309	.02225	.18690	.01482	.14455	.22238	.15028
#1	.38390	.37966	.37926	.37506	.37641	.37816	.37933
#2	.38080	.37978	.37826	.37498	.37564	.37697	.37853
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37666	.38264
SDev	.00028	.00451
%RSD	.07485	1.1780
#1	.37686	.38583
#2	.37646	.37945
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5440	--	--	--	--	--	--
SDev	14.00092	--	--	--	--	--	--
%RSD	.2573746	--	--	--	--	--	--
#1	5430	--	--	--	--	--	--
#2	5450	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 02:45:34 AM page 1

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 09/04/08 02:40:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03187	.00081	.00101	.00021	.00013	.00909	-.00004
SDev	.00048	.00201	.00047	.00002	.00001	.00011	.00008
%RSD	1.5045	249.13	47.096	7.8661	4.5563	1.1979	218.86
#1	.03153	-.00061	.00134	.00020	.00014	.00902	.00002
#2	.03221	.00222	.00067	.00022	.00013	.00917	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00042	.00048	.00775	.00827	.00628	.00016
SDev	.00027	.00013	.00005	.00255	.00998	.00245	.00003
%RSD	35.462	30.127	9.7829	32.871	120.73	38.972	19.354
#1	.00056	.00033	.00045	.00955	.01532	.00455	.00014
#2	.00094	.00050	.00052	.00595	.00121	.00801	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09430	.00053	.00134	-.00128	-.00041	.00032	.00037
SDev	.01179	.00045	.00327	.00117	.00030	.00113	.00141
%RSD	12.503	85.129	243.79	91.790	74.885	359.55	379.61
#1	.08596	.00021	.00365	-.00211	-.00019	-.00049	-.00062
#2	.10263	.00085	-.00097	-.00045	-.00062	.00112	.00137
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00306	-.00106	.00050	.00019	.00021	-.00008	-.00044
SDev	.00291	.00315	.00006	.00130	.00014	.00040	.00020
%RSD	95.107	298.94	12.671	665.99	66.535	497.63	44.044
#1	.00511	-.00329	.00055	-.00072	.00011	-.00037	-.00031
#2	.00100	.00118	.00046	.00111	.00031	.00020	-.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00008	.00128
SDev	.00015	.00034
%RSD	190.18	26.850
#1	-.00003	.00152
#2	.00019	.00104
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5462	--	--	--	--	--	--
SDev	4.136299	--	--	--	--	--	--
%RSD	.0757345	--	--	--	--	--	--
#1	5459	--	--	--	--	--	--
#2	5464	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 02:50:36 AM page 1

Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/04/08 02:45:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20454	.00978	.02095	.00217	.00195	.48700	.00110
SDev	.00040	.00109	.00196	.00003	.00007	.00151	.00008
%RSD	.19357	11.099	9.3475	1.4950	3.5096	.30994	7.5779
#1	.20426	.00902	.01956	.00220	.00199	.48806	.00104
#2	.20482	.01055	.02233	.00215	.00190	.48593	.00116
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	.00456	.01016	.05473	.47576	.19840	.00309
SDev	.00025	.00026	.00022	.00915	.00081	.00852	.00000
%RSD	5.4177	5.7751	2.1732	16.728	.17052	4.2945	.03068
#1	.00472	.00475	.01031	.06120	.47518	.20442	.00309
#2	.00437	.00438	.01000	.04825	.47633	.19238	.00309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0297	.01016	.00356	.00439	.00411	.01524	.01852
SDev	.0483	.00014	.00116	.00063	.00004	.00282	.00036
%RSD	4.6925	1.3692	32.531	14.424	.87766	18.519	1.9451
#1	1.0638	.01026	.00438	.00394	.00409	.01724	.01877
#2	.99549	.01006	.00274	.00483	.00414	.01325	.01826
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01463	.01555	.00527	.01984	.00517	.01157	.00759
SDev	.00075	.00386	.00006	.00318	.00014	.00014	.00019
%RSD	5.1119	24.830	1.2210	16.016	2.7776	1.1868	2.5419
#1	.01516	.01828	.00522	.02209	.00507	.01147	.00773
#2	.01411	.01282	.00531	.01759	.00527	.01167	.00746
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00305	.01047
SDev	.00038	.00123
%RSD	12.620	11.708
#1	.00332	.00960
#2	.00278	.01133
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5546	--	--	--	--	--	--
SDev	1.908981	--	--	--	--	--	--
%RSD	.0344193	--	--	--	--	--	--
#1	5548	--	--	--	--	--	--
#2	5545	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/04/08 02:50:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	521.89	.00190	.00052	.00076	.00047	516.52	Q.00394
SDev	.72	.00001	.00036	.00001	.00005	1.06	.00007
%RSD	.13805	.49103	68.834	1.1944	10.846	.20540	1.8318
#1	522.40	.00191	.00077	.00077	.00050	517.27	Q.00399
#2	521.38	.00189	.00027	.00076	.00043	515.77	Q.00389
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00059	.00096	202.84	.04123	513.65	.00115
SDev	.00042	.00051	.00051	.37	.00575	1.15	.00011
%RSD	127.68	85.050	52.757	.18136	13.935	.22436	9.7766
#1	.00003	.00095	.00132	203.10	.04529	514.46	.00107
#2	.00062	.00024	.00060	202.58	.03716	512.83	.00123
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27013	.00118	.02736	-.02242	-.00584	-.00856	.00081
SDev	.02093	.00022	.00001	.00183	.00122	.00488	.00093
%RSD	7.7497	18.583	.02234	8.1529	20.901	56.997	114.76
#1	.28493	.00102	.02736	-.02112	-.00498	-.00511	.00147
#2	.25532	.00133	.02735	-.02371	-.00671	-.01201	.00015
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00469	-.01049	.00030	.00157	.00010	-.00157	.00600
SDev	.00724	.00370	.00001	.00106	.00002	.00060	.00130
%RSD	154.47	35.237	2.7112	67.883	16.422	38.093	21.695
#1	.00043	-.00788	.00029	.00081	.00011	-.00199	.00692
#2	-.00980	-.01311	.00030	.00232	.00009	-.00115	.00508
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00074	-.00021
SDev	.00011	.00120
%RSD	14.780	586.90
#1	.00066	.00065
#2	.00082	-.00106
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5010	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.4657450	--	--	--	--	--	--
#1	4994	--	--	--	--	--	--
#2	5027	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 03:00:40 AM page 1

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/04/08 02:55:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	520.76	.11331	.04273	.53024	.49943	512.88	.99211
SDev	.71	.00104	.00073	.00074	.00000	.13	.00030
%RSD	.13570	.91574	1.7171	.14012	.00073	.02459	.03052
#1	521.26	.11405	.04325	.53077	.49943	512.79	.99190
#2	520.26	.11258	.04221	.52972	.49944	512.96	.99233
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49703	.49914	.53653	100.24	.01884	504.97	.49695
SDev	.00041	.00056	.00158	.01	.00792	.07	.00004
%RSD	.08315	.11145	.29462	.00850	42.019	.01418	.00780
#1	.49732	.49954	.53764	100.25	.02444	504.92	.49697
#2	.49674	.49875	.53541	100.23	.01325	505.02	.49692
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07003	.95806	.07971	.02680	.04442	.05361	.63677
SDev	.01956	.00158	.00008	.00122	.00084	.00132	.00043
%RSD	27.937	.16479	.09548	4.5708	1.8965	2.4649	.06768
#1	.05620	.95917	.07965	.02593	.04382	.05454	.63707
#2	.08387	.95694	.07976	.02767	.04501	.05268	.63646
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05383	.05350	.00198	.10391	.52432	.97348	.00413
SDev	.00412	.00008	.00010	.00262	.00041	.00010	.00194
%RSD	7.6515	.14423	5.0969	2.5236	.07789	.00988	46.819
#1	.05674	.05345	.00206	.10205	.52461	.97341	.00277
#2	.05092	.05356	.00191	.10576	.52404	.97355	.00550
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21960	.00022
SDev	.00054	.00042
%RSD	.24615	190.66
#1	.21998	-.00008
#2	.21921	.00052
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5021	--	--	--	--	--	--
SDev	2.015323	--	--	--	--	--	--
%RSD	.0401401	--	--	--	--	--	--
#1	5022	--	--	--	--	--	--
#2	5019	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 03:08:43 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 03:03:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.638	.49352	.49828	.49643	.49861	24.316	.49056
SDev	.019	.00512	.00260	.00180	.00227	.024	.00120
%RSD	.07900	1.0375	.52069	.36294	.45570	.09836	.24448
#1	24.624	.48990	.49645	.49516	.49700	24.299	.48972
#2	24.651	.49714	.50012	.49771	.50021	24.333	.49141
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49548	.49519	.49739	24.602	24.361	24.128	.49562
SDev	.00074	.00052	.00120	.012	.085	.055	.00050
%RSD	.14877	.10546	.24133	.04709	.34996	.22755	.10178
#1	.49496	.49482	.49654	24.593	24.421	24.089	.49526
#2	.49600	.49555	.49824	24.610	24.301	24.166	.49597
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.450	.49324	.49391	.49383	.49386	.49698	.49608
SDev	.049	.00136	.00085	.00194	.00101	.00393	.00503
%RSD	.20097	.27588	.17245	.39241	.20429	.78993	1.0135
#1	24.416	.49227	.49451	.49246	.49314	.49420	.49252
#2	24.485	.49420	.49331	.49520	.49457	.49976	.49964
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49725	.49685	.49151	.49124	.49530	.49443	.49670
SDev	.00923	.00127	.00043	.00130	.00015	.00050	.00041
%RSD	1.8562	.25635	.08839	.26430	.03128	.10163	.08249
#1	.49072	.49595	.49120	.49215	.49519	.49407	.49699
#2	.50378	.49775	.49181	.49032	.49541	.49479	.49641
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50016	.49354
SDev	.00010	.00012
%RSD	.02083	.02371
#1	.50008	.49346
#2	.50023	.49363
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5411	--	--	--	--	--	--
SDev	17.39490	--	--	--	--	--	--
%RSD	.3214580	--	--	--	--	--	--
#1	5424	--	--	--	--	--	--
#2	5399	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 03:13:49 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 03:08:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04845	.00058	-.00034	.00009	.00053	.00961	-.00001
SDev	.00497	.00072	.00018	.00003	.00023	.00180	.00010
%RSD	10.264	123.04	51.513	28.971	44.325	18.760	1327.8
#1	.04493	.00109	-.00022	.00007	.00036	.00833	-.00008
#2	.05196	.00008	-.00047	.00011	.00069	.01088	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00030	.00106	-.00069	.00365	.00495	-.00003
SDev	.00022	.00047	.00055	.00819	.00386	.00277	.00000
%RSD	104.93	155.88	51.628	1184.3	105.62	56.078	18.536
#1	.00037	.00064	.00067	.00510	.00638	.00691	-.00003
#2	.00005	-.00003	.00145	-.00648	.00092	.00298	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13767	-.00043	.00062	-.00004	.00018	-.00002	-.00002
SDev	.11593	.00027	.00241	.00093	.00142	.00113	.00168
%RSD	84.208	63.674	390.84	2401.3	789.83	5789.3	6835.4
#1	.21965	-.00063	.00232	.00062	.00118	.00078	-.00121
#2	.05570	-.00024	-.00109	-.00069	-.00082	-.00082	.00117
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00337	.00165	.00018	.00213	-.00006	.00026	-.00132
SDev	.00338	.00339	.00060	.00329	.00029	.00009	.00033
%RSD	100.48	204.99	327.82	154.89	463.15	34.134	24.831
#1	-.00576	.00405	.00061	-.00020	.00014	.00033	-.00108
#2	-.00097	-.00074	-.00024	.00446	-.00027	.00020	-.00155
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00021	-.00047
SDev	.00040	.00040
%RSD	190.65	85.702
#1	.00049	-.00076
#2	-.00007	-.00019
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5075	--	--	--	--	--	--
SDev	132.4765	--	--	--	--	--	--
%RSD	2.610439	--	--	--	--	--	--
#1	5169	--	--	--	--	--	--
#2	4981	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849683/PS Operator: TWS
Run Time: 09/04/08 03:13:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.215	.21655	.98279	.22825	.20915	24.297	.20784
SDev	.010	.00053	.00038	.00061	.00068	.010	.00019
%RSD	.09643	.24683	.03879	.26913	.32554	.04240	.08993
#1	10.222	.21693	.98306	.22869	.20963	24.304	.20797
#2	10.208	.21617	.98252	.22782	.20867	24.289	.20771
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21064	.20129	.21049	10.500	11.259	16.650	.21232
SDev	.00024	.00069	.00047	.000	.005	.033	.00029
%RSD	.11448	.34064	.22573	.00353	.04004	.20067	.13566
#1	.21081	.20178	.21083	10.500	11.256	16.673	.21252
#2	.21047	.20081	.21016	10.500	11.262	16.626	.21211
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.630	.20628	.20578	.20360	.20433	.20573	.20634
SDev	.312	.00119	.00024	.00067	.00037	.00246	.00599
%RSD	.51404	.57605	.11675	.33018	.18030	1.1951	2.9043
#1	60.850	.20544	.20595	.20313	.20407	.20747	.21058
#2	60.409	.20712	.20561	.20408	.20459	.20399	.20210
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20803	.20458	.20251	.20437	.20871	.20873	.18793
SDev	.00128	.00305	.00047	.00217	.00009	.00101	.00003
%RSD	.61529	1.4899	.22942	1.0632	.04180	.48545	.01400
#1	.20894	.20674	.20218	.20591	.20865	.20801	.18791
#2	.20713	.20243	.20284	.20284	.20877	.20944	.18794
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05059	.46600
SDev	.00016	.00234
%RSD	.31910	.50243
#1	.05047	.46766
#2	.05070	.46435
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5505	--	--	--	--	--	--
SDev	5.091307	--	--	--	--	--	--
%RSD	.0924801	--	--	--	--	--	--
#1	5502	--	--	--	--	--	--
#2	5509	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849684/MS Operator: TWS
Run Time: 09/04/08 03:18:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.155	.21496	1.0079	.22788	.20538	24.518	.20526
SDev	.008	.00018	.0007	.00005	.00005	.019	.00028
%RSD	.08035	.08268	.06632	.02220	.02217	.07724	.13613
#1	10.161	.21509	1.0084	.22791	.20534	24.532	.20546
#2	10.150	.21484	1.0075	.22784	.20541	24.505	.20506
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20907	.19983	.20913	10.395	11.276	16.702	.21037
SDev	.00014	.00004	.00060	.024	.040	.004	.00003
%RSD	.06816	.01885	.28828	.22641	.35038	.02116	.01208
#1	.20917	.19985	.20871	10.412	11.304	16.704	.21039
#2	.20896	.19980	.20956	10.379	11.248	16.699	.21036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.759	.20311	.20435	.20504	.20481	.20423	.20823
SDev	.062	.00084	.00034	.00059	.00028	.00104	.00309
%RSD	.09975	.41168	.16572	.28914	.13801	.50890	1.4857
#1	61.802	.20252	.20411	.20546	.20501	.20349	.20604
#2	61.715	.20370	.20459	.20462	.20461	.20496	.21042
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20171	.20549	.19953	.20523	.20530	.20425	.20621
SDev	.00717	.00202	.00004	.00100	.00040	.00093	.00009
%RSD	3.5537	.98557	.01962	.48464	.19240	.45336	.04119
#1	.19665	.20692	.19955	.20593	.20558	.20359	.20627
#2	.20678	.20405	.19950	.20452	.20502	.20490	.20615
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05134	.46722
SDev	.00027	.00333
%RSD	.53256	.71354
#1	.05153	.46486
#2	.05115	.46958
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5506	--	--	--	--	--	--
SDev	18.24356	--	--	--	--	--	--
%RSD	.3313547	--	--	--	--	--	--
#1	5493	--	--	--	--	--	--
#2	5519	--	--	--	--	--	--

Analysis Report 09/04/08 03:29:04 AM page 1

Method: TRACE1 Sample Name: AD849685/SD Operator: TWS
Run Time: 09/04/08 03:24:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.057	.21225	1.0049	.22594	.20203	24.356	.20099
SDev	.000	.00083	.0012	.00034	.00009	.000	.00018
%RSD	.00139	.39031	.12328	.15044	.04290	.00002	.09157
#1	10.057	.21284	1.0057	.22570	.20197	24.356	.20086
#2	10.057	.21167	1.0040	.22618	.20210	24.356	.20112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20613	.19654	.20570	10.183	11.112	16.545	.20630
SDev	.00005	.00035	.00051	.005	.002	.013	.00000
%RSD	.02307	.17869	.24723	.04967	.02147	.07915	.00145
#1	.20610	.19629	.20534	10.186	11.113	16.536	.20630
#2	.20617	.19679	.20606	10.179	11.110	16.554	.20630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.738	.20030	.20155	.19783	.19907	.19934	.20160
SDev	.144	.00044	.00014	.00143	.00090	.00231	.00113
%RSD	.23303	.21814	.06996	.72021	.45380	1.1580	.55875
#1	61.636	.20061	.20165	.19682	.19843	.20097	.20081
#2	61.840	.19999	.20145	.19884	.19971	.19771	.20240
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20022	.19891	.19579	.20290	.20209	.19893	.20566
SDev	.00432	.00130	.00025	.00002	.00003	.00052	.00031
%RSD	2.1602	.65356	.12742	.01054	.01428	.26156	.15282
#1	.20328	.19982	.19597	.20289	.20207	.19930	.20589
#2	.19716	.19799	.19561	.20292	.20211	.19857	.20544
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05097	.46473
SDev	.00050	.00449
%RSD	.98626	.96667
#1	.05133	.46155
#2	.05061	.46790
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5498	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0578758	--	--	--	--	--	--
#1	5496	--	--	--	--	--	--
#2	5500	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849686 Operator: TWS
Run Time: 09/04/08 03:29:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04207	.02185	1.0944	.22839	-.00009	38.779	-.00009
SDev	.00029	.00069	.0000	.00048	.00003	.016	.00038
%RSD	.68741	3.1707	.00016	.20985	31.662	.04018	398.42
#1	.04227	.02136	1.0944	.22805	-.00012	38.790	.00017
#2	.04186	.02234	1.0944	.22873	-.00007	38.768	-.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00378	.00190	.00072	11.806	70.082	58.399	.40847
SDev	.00010	.00016	.00011	.018	.325	.021	.00040
%RSD	2.6144	8.6888	15.404	.15153	.46362	.03522	.09751
#1	.00385	.00178	.00064	11.793	70.312	58.385	.40818
#2	.00371	.00201	.00079	11.818	69.853	58.414	.40875
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.937	.01697	-.00110	-.00115	-.00114	-.00148	-.00216
SDev	.062	.00076	.00011	.00234	.00152	.00317	.00018
%RSD	.06791	4.5046	10.215	202.76	133.93	213.93	8.5250
#1	90.894	.01751	-.00102	-.00281	-.00221	.00076	-.00229
#2	90.981	.01643	-.00118	.00050	-.00006	-.00372	-.00203
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	-.00126	.00063	.00238	.00096	.00400	.00010
SDev	.00733	.00109	.00015	.00304	.00014	.00001	.00078
%RSD	383.34	85.885	23.588	127.73	14.617	.26879	748.46
#1	.00327	-.00050	.00052	.00023	.00106	.00399	-.00045
#2	-.00709	-.00203	.00073	.00454	.00086	.00401	.00066
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00040	.00231
SDev	.00028	.00051
%RSD	70.765	22.008
#1	.00020	.00267
#2	.00060	.00195
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5476	--	--	--	--	--	--
SDev	9.864278	--	--	--	--	--	--
%RSD	.1801374	--	--	--	--	--	--
#1	5483	--	--	--	--	--	--
#2	5469	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849687 Operator: TWS
Run Time: 09/04/08 03:34:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03216	.00158	.15646	.05523	-.00006	76.745	-.00005
SDev	.00611	.00156	.00083	.00005	.00001	.066	.00009
%RSD	18.989	98.536	.52775	.08377	14.226	.08572	181.58
#1	.02784	.00048	.15704	.05520	-.00005	76.698	-.00011
#2	.03647	.00268	.15587	.05526	-.00006	76.791	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.00034	.00035	1.4895	12.515	22.187	1.2527
SDev	.00041	.00052	.00018	.0018	.005	.007	.0015
%RSD	67.276	154.31	51.028	.12067	.03678	.03365	.11706
#1	.00032	.00070	.00022	1.4908	12.519	22.182	1.2516
#2	.00090	-.00003	.00047	1.4883	12.512	22.193	1.2537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.616	.00078	.00105	.00004	.00038	-.00232	-.00155
SDev	.132	.00059	.00178	.00010	.00066	.00332	.00320
%RSD	.58518	75.712	168.67	246.02	174.26	142.68	206.16
#1	22.522	.00036	.00231	.00011	.00084	-.00467	.00071
#2	22.709	.00120	-.00020	-.00003	-.00009	.00002	-.00382
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00299	-.00498	.00037	.00324	.00008	.00269	.00104
SDev	.00019	.00488	.00001	.00004	.00029	.00027	.00000
%RSD	6.3315	97.976	2.8674	1.1291	368.57	9.9985	.02603
#1	.00285	-.00843	.00038	.00321	.00028	.00288	.00104
#2	.00312	-.00153	.00036	.00326	-.00012	.00250	.00104
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00010	.00162
SDev	.00015	.00187
%RSD	149.16	115.54
#1	-.00020	.00295
#2	.00001	.00030
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5486	--	--	--	--	--	--
SDev	.4239879	--	--	--	--	--	--
%RSD	.0077286	--	--	--	--	--	--
#1	5486	--	--	--	--	--	--
#2	5486	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849688 Operator: TWS
Run Time: 09/04/08 03:39:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03305	.00083	.04911	.04344	.00007	221.26	.00005
SDev	.00086	.00006	.00077	.00009	.00000	.02	.00006
%RSD	2.6006	7.3891	1.5696	.20060	4.1143	.00755	118.75
#1	.03365	.00079	.04965	.04337	.00007	221.25	.00001
#2	.03244	.00087	.04856	.04350	.00007	221.27	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00443	.00052	-.00000	4.2707	3.4111	96.910	.19697
SDev	.00003	.00060	.00046	.0061	.0013	.040	.00019
%RSD	.74097	114.74	20143.	.14303	.03764	.04116	.09874
#1	.00440	.00010	-.00033	4.2664	3.4120	96.938	.19711
#2	.00445	.00095	.00033	4.2751	3.4102	96.882	.19684
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.9086	.01371	-.00048	.00009	-.00010	-.00424	-.00345
SDev	.0573	.00041	.00150	.00027	.00032	.00086	.00323
%RSD	.82986	2.9588	312.31	287.89	328.28	20.233	93.700
#1	6.8680	.01342	-.00154	.00029	-.00032	-.00484	-.00116
#2	6.9491	.01400	.00058	-.00010	.00013	-.00363	-.00573
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	-.00518	.00052	.00278	.00023	.00261	.00208
SDev	.00373	.00058	.00005	.00065	.00058	.00000	.00020
%RSD	158.82	11.218	10.395	23.415	252.82	.06680	9.6041
#1	-.00499	-.00477	.00048	.00232	-.00018	.00260	.00223
#2	.00029	-.00559	.00055	.00324	.00064	.00261	.00194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00025	.00181
SDev	.00037	.00177
%RSD	148.99	98.050
#1	-.00001	.00055
#2	.00051	.00306
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5411	--	--	--	--	--	--
SDev	2.333314	--	--	--	--	--	--
%RSD	.0431221	--	--	--	--	--	--
#1	5413	--	--	--	--	--	--
#2	5409	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849689 Operator: TWS
Run Time: 09/04/08 03:44:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05516	-.00001	.00925	.00012	-.00019	.15099	-.00007
SDev	.00006	.00212	.00012	.00000	.00001	.02244	.00009
%RSD	.11820	17565.	1.3040	.05660	2.8666	14.860	119.14
#1	.05512	-.00151	.00933	.00012	-.00019	.13513	-.00014
#2	.05521	.00149	.00916	.00012	-.00020	.16686	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00111	.00070	.00821	.01225	.01813	.00007
SDev	.00009	.00012	.00025	.00334	.01409	.01558	.00009
%RSD	31.531	11.159	35.702	40.745	115.03	85.925	137.70
#1	.00034	.00102	.00087	.00584	.02221	.00711	.00000
#2	.00022	.00120	.00052	.01057	.00228	.02914	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16197	-.00007	.00045	-.00075	-.00035	-.00359	.00085
SDev	.08180	.00025	.00005	.00020	.00012	.00090	.00271
%RSD	50.506	363.73	10.133	25.998	32.761	25.137	320.25
#1	.21981	.00011	.00042	-.00062	-.00027	-.00295	-.00107
#2	.10412	-.00024	.00048	-.00089	-.00043	-.00423	.00276
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00390	-.00344	.00028	.00194	-.00009	.00112	.00112
SDev	.00087	.00179	.00019	.00208	.00056	.00107	.00000
%RSD	22.298	52.031	66.959	106.98	594.98	95.541	.02759
#1	-.00451	-.00217	.00041	.00341	.00030	.00036	.00112
#2	-.00328	-.00470	.00015	.00047	-.00049	.00187	.00112
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	.00203
SDev	.00000	.00084
%RSD	.60190	41.425
#1	.00037	.00263
#2	.00036	.00144
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5544	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0267856	--	--	--	--	--	--
#1	5545	--	--	--	--	--	--
#2	5543	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849690 Operator: TWS
Run Time: 09/04/08 03:49:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02776	-.00035	.01261	.01030	-.00019	9.2540	.00001
SDev	.00264	.00043	.00003	.00004	.00005	.0222	.00005
%RSD	9.5045	121.86	.26141	.35361	24.224	.23950	730.45
#1	.02590	-.00005	.01264	.01028	-.00022	9.2383	.00004
#2	.02963	-.00066	.01259	.01033	-.00016	9.2697	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00052	.00090	.00713	.72977	3.8517	.00043
SDev	.00054	.00011	.00009	.00166	.00457	.0169	.00000
%RSD	190.31	20.545	9.4484	23.255	.62646	.43928	.28003
#1	.00067	.00045	.00084	.00830	.72653	3.8397	.00043
#2	-.00010	.00060	.00096	.00596	.73300	3.8637	.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3736	.00041	-.00018	-.00119	-.00085	-.00011	-.00149
SDev	.0723	.00035	.00142	.00300	.00153	.00170	.00438
%RSD	3.0440	86.966	805.95	252.66	179.54	1559.8	294.26
#1	2.4247	.00016	-.00118	.00093	.00023	.00109	-.00458
#2	2.3225	.00066	.00083	-.00330	-.00193	-.00131	.00161
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	.00012	.00027	.00271	-.00029	.00188	.00042
SDev	.00175	.00167	.00008	.00184	.00000	.00026	.00020
%RSD	312.67	1436.6	31.746	67.785	.42948	13.844	47.479
#1	.00068	.00130	.00032	.00141	-.00030	.00206	.00056
#2	-.00179	-.00106	.00021	.00402	-.00029	.00170	.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00038	-.00015
SDev	.00020	.00089
%RSD	52.022	611.09
#1	-.00024	-.00077
#2	-.00052	.00048
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5530	--	--	--	--	--	--
SDev	10.39461	--	--	--	--	--	--
%RSD	.1879659	--	--	--	--	--	--
#1	5537	--	--	--	--	--	--
#2	5523	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849691 Operator: TWS
Run Time: 09/04/08 03:54:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03326	.02775	.71691	.12895	.00012	62.762	.00019
SDev	.00778	.00008	.00607	.00058	.00005	.092	.00016
%RSD	23.382	.28334	.84662	.44895	38.647	.14725	87.221
#1	.03876	.02781	.71262	.12936	.00009	62.828	.00007
#2	.02776	.02770	.72120	.12855	.00015	62.697	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00303	.00074	.00022	21.343	51.071	78.770	1.2191
SDev	.00012	.00013	.00011	.053	.329	.655	.0095
%RSD	4.0924	17.214	51.192	.24992	.64399	.83123	.77768
#1	.00312	.00065	.00014	21.381	51.303	78.307	1.2124
#2	.00294	.00083	.00030	21.305	50.838	79.233	1.2258
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.789	.00618	.00035	-.00076	-.00039	.00050	-.00275
SDev	.190	.00050	.00201	.00061	.00108	.00020	.00052
%RSD	.40687	8.1476	570.25	80.168	275.81	40.123	18.968
#1	46.924	.00583	-.00107	-.00119	-.00115	.00064	-.00238
#2	46.655	.00654	.00177	-.00033	.00037	.00035	-.00312
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00362	-.00107	.00017	.00270	.00035	.00062	.00088
SDev	.00582	.00321	.00033	.00107	.00014	.00013	.00157
%RSD	160.52	299.97	198.24	39.730	39.361	20.567	178.64
#1	-.00049	.00120	.00040	.00194	.00044	.00071	-.00023
#2	.00774	-.00334	-.00007	.00346	.00025	.00053	.00199
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00028	-.00013
SDev	.00036	.00026
%RSD	129.41	198.61
#1	-.00002	.00005
#2	-.00053	-.00031
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5465	--	--	--	--	--	--
SDev	20.57688	--	--	--	--	--	--
%RSD	.3765348	--	--	--	--	--	--
#1	5479	--	--	--	--	--	--
#2	5450	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849692 Operator: TWS
Run Time: 09/04/08 03:59:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03625	.00344	.04956	.07012	.00020	129.37	-.00010
SDev	.00185	.00300	.00189	.00269	.00027	4.97	.00015
%RSD	5.1011	87.293	3.8069	3.8424	134.19	3.8420	146.37
#1	.03755	.00132	.05090	.07203	.00040	132.89	.00000
#2	.03494	.00557	.04823	.06822	.00001	125.86	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00032	-.00021	5.0940	2.6689	65.535	.16067
SDev	.00003	.00023	.00015	.1766	.0554	2.574	.00582
%RSD	28.085	70.840	72.483	3.4671	2.0744	3.9269	3.6204
#1	-.00014	.00016	-.00010	5.2188	2.7081	67.355	.16478
#2	-.00009	.00048	-.00032	4.9691	2.6298	63.716	.15655
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.690	.00025	-.00013	-.00117	-.00082	-.00255	-.00031
SDev	.366	.00001	.00016	.00091	.00066	.00061	.00493
%RSD	2.4933	3.5802	126.29	77.656	80.187	24.063	1575.9
#1	14.949	.00025	-.00024	-.00181	-.00129	-.00299	-.00380
#2	14.431	.00024	-.00001	-.00053	-.00036	-.00212	.00317
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	-.00433	.00013	.00050	-.00029	.00128	.00136
SDev	.00101	.00042	.00008	.00129	.00015	.00010	.00035
%RSD	100.86	9.6472	62.265	255.30	51.091	8.1027	25.376
#1	.00029	-.00463	.00007	-.00041	-.00019	.00135	.00161
#2	.00171	-.00404	.00018	.00142	-.00040	.00121	.00112
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00065	.00435
SDev	.00061	.00120
%RSD	93.931	27.607
#1	-.00108	.00350
#2	-.00022	.00520
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5393	--	--	--	--	--	--
SDev	175.1149	--	--	--	--	--	--
%RSD	3.247244	--	--	--	--	--	--
#1	5269	--	--	--	--	--	--
#2	5517	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 04:12:40 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 04:07:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.607	.49465	.49747	.49374	.49885	24.400	.49526
SDev	.048	.00149	.00253	.00247	.00334	.038	.00018
%RSD	.19519	.30113	.50783	.49951	.66943	.15394	.03642
#1	24.573	.49360	.49569	.49199	.49649	24.373	.49539
#2	24.641	.49571	.49926	.49548	.50121	24.426	.49513
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49692	.49597	.49568	24.671	24.295	24.252	.49690
SDev	.00152	.00175	.00234	.005	.052	.092	.00112
%RSD	.30635	.35290	.47220	.02225	.21256	.37876	.22613
#1	.49585	.49473	.49402	24.667	24.332	24.187	.49610
#2	.49800	.49720	.49733	24.675	24.259	24.317	.49769
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.277	.49551	.49736	.49683	.49701	.50197	.49399
SDev	.139	.00233	.00255	.00042	.00057	.00299	.00216
%RSD	.57437	.46988	.51339	.08351	.11540	.59656	.43643
#1	24.179	.49386	.49556	.49713	.49660	.50408	.49551
#2	24.376	.49715	.49917	.49654	.49741	.49985	.49246
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49835	.50378	.49189	.49221	.49484	.50007	.49539
SDev	.01339	.00220	.00077	.00380	.00149	.00212	.00016
%RSD	2.6869	.43733	.15714	.77115	.30128	.42334	.03226
#1	.50782	.50222	.49135	.49489	.49379	.49857	.49551
#2	.48888	.50534	.49244	.48952	.49590	.50157	.49528
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49934	.49464
SDev	.00072	.00527
%RSD	.14370	1.0659
#1	.49883	.49091
#2	.49985	.49837
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5463	--	--	--	--	--	--
SDev	28.95616	--	--	--	--	--	--
%RSD	.5300486	--	--	--	--	--	--
#1	5483	--	--	--	--	--	--
#2	5442	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 04:17:46 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 04:12:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03533	-.00021	.00053	.00011	.00013	.00951	-.00000
SDev	.00200	.00192	.00008	.00000	.00007	.00196	.00010
%RSD	5.6616	892.32	14.960	1.3107	55.381	20.612	15815.
#1	.03675	.00114	.00059	.00011	.00018	.01089	-.00007
#2	.03392	-.00157	.00048	.00011	.00008	.00812	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	.00072	.00085	.00242	.00244	.00617	.00005
SDev	.00029	.00003	.00051	.00858	.00717	.00279	.00006
%RSD	25781.	4.6031	60.710	354.18	294.12	45.259	123.77
#1	-.00021	.00069	.00121	.00849	.00751	.00815	.00010
#2	.00020	.00074	.00048	-.00365	-.00263	.00420	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11554	.00052	-.00041	.00009	-.00007	.00032	-.00113
SDev	.05819	.00006	.00147	.00045	.00079	.00143	.00098
%RSD	50.365	11.772	357.15	477.24	1058.1	448.01	87.084
#1	.15669	.00047	-.00145	-.00022	-.00063	.00133	-.00182
#2	.07439	.00056	.00063	.00041	.00048	-.00069	-.00043
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	-.00094	.00039	-.00070	.00012	-.00016	.00022
SDev	.00185	.00307	.00000	.00038	.00000	.00081	.00001
%RSD	64.876	325.27	.20948	53.958	1.7081	508.80	6.2950
#1	.00154	.00123	.00039	-.00043	.00012	-.00073	.00021
#2	.00415	-.00311	.00040	-.00097	.00012	.00041	.00023
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00009	.00233
SDev	.00047	.00085
%RSD	494.46	36.602
#1	-.00024	.00173
#2	.00042	.00294
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5400	--	--	--	--	--	--
SDev	26.72850	--	--	--	--	--	--
%RSD	.4949309	--	--	--	--	--	--
#1	5382	--	--	--	--	--	--
#2	5419	--	--	--	--	--	--

Analysis Report 09/04/08 04:22:51 AM page 1

Method: TRACE1 Sample Name: AD849693 Operator: TWS
Run Time: 09/04/08 04:17:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05773	.00306	.04334	.16693	-.00002	112.60	.00013
SDev	.00491	.00036	.00058	.00016	.00005	.07	.00004
%RSD	8.5060	11.809	1.3341	.09533	216.33	.05966	28.311
#1	.06120	.00280	.04293	.16682	.00001	112.55	.00016
#2	.05426	.00331	.04375	.16704	-.00006	112.65	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	.00084	.00083	2.5426	2.6276	61.474	.45118
SDev	.00002	.00018	.00056	.0027	.0060	.016	.00049
%RSD	.77896	21.484	66.451	.10473	.23009	.02675	.10888
#1	.00204	.00071	.00123	2.5445	2.6318	61.462	.45083
#2	.00207	.00097	.00044	2.5408	2.6233	61.486	.45153
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.331	.00494	-.00070	.00073	.00025	-.00090	-.00009
SDev	.003	.00066	.00176	.00074	.00009	.00165	.00064
%RSD	.01602	13.452	252.80	101.56	36.952	182.50	723.74
#1	21.329	.00541	-.00194	.00125	.00019	-.00207	.00036
#2	21.334	.00447	.00055	.00021	.00032	.00026	-.00054
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	-.00226	.00053	.00278	.00006	.00225	-.00021
SDev	.00261	.00378	.00019	.00252	.00000	.00014	.00019
%RSD	143.74	166.95	36.222	90.812	1.2032	6.1779	93.526
#1	.00366	-.00494	.00039	.00456	.00006	.00215	-.00035
#2	-.00003	.00041	.00066	.00099	.00006	.00235	-.00007
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00003	.00684
SDev	.00022	.00022
%RSD	757.24	3.2238
#1	-.00018	.00669
#2	.00012	.00700
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5459	--	--	--	--	--	--
SDev	5.196959	--	--	--	--	--	--
%RSD	.0952072	--	--	--	--	--	--
#1	5462	--	--	--	--	--	--
#2	5455	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849694 Operator: TWS
Run Time: 09/04/08 04:22:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31782	.00574	.04955	.04613	.00011	158.50	-.00000
SDev	.00177	.00281	.00008	.00009	.00002	.38	.00005
%RSD	.55813	48.876	.15693	.19576	14.480	.23813	1130.8
#1	.31657	.00773	.04960	.04607	.00010	158.23	.00003
#2	.31908	.00376	.04949	.04620	.00012	158.77	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.00087	.00110	2.9854	2.8723	67.204	.12910
SDev	.00006	.00038	.00047	.0071	.0035	.329	.00072
%RSD	4.9422	43.475	43.023	.23684	.12100	.48915	.55734
#1	.00115	.00060	.00076	2.9904	2.8747	66.971	.12859
#2	.00124	.00113	.00143	2.9804	2.8698	67.436	.12961
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.863	.00429	.00161	-.00305	-.00150	-.00251	-.00024
SDev	.089	.00019	.00327	.00074	.00059	.00032	.00199
%RSD	.49548	4.3401	202.88	24.320	39.548	12.665	835.19
#1	17.800	.00442	-.00070	-.00253	-.00192	-.00273	-.00165
#2	17.925	.00416	.00392	-.00358	-.00108	-.00228	.00117
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	-.00522	.00028	.00203	-.00025	.00669	.00148
SDev	.00119	.00107	.00003	.00132	.00043	.00039	.00139
%RSD	40.789	20.508	11.314	65.169	172.38	5.8213	94.017
#1	.00375	-.00598	.00030	.00296	.00005	.00642	.00050
#2	.00207	-.00446	.00025	.00109	-.00055	.00697	.00247
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00041	.00611
SDev	.00038	.00020
%RSD	91.711	3.2977
#1	-.00014	.00597
#2	-.00068	.00625
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5439	--	--	--	--	--	--
SDev	11.34893	--	--	--	--	--	--
%RSD	.2086554	--	--	--	--	--	--
#1	5431	--	--	--	--	--	--
#2	5447	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849695 Operator: TWS
Run Time: 09/04/08 04:28:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04253	.00109	.05322	.06632	-.00003	121.99	.00004
SDev	.00109	.00123	.00045	.00037	.00003	.28	.00002
%RSD	2.5704	112.76	.83962	.55614	98.282	.23353	59.148
#1	.04176	.00196	.05354	.06606	-.00005	122.19	.00002
#2	.04331	.00022	.05290	.06658	-.00001	121.79	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00016	.00084	1.8769	3.0676	62.535	.11927
SDev	.00043	.00009	.00030	.0165	.0070	.212	.00041
%RSD	40.462	57.113	35.272	.88106	.22698	.33886	.34243
#1	.00076	.00009	.00063	1.8886	3.0626	62.685	.11956
#2	.00136	.00022	.00105	1.8652	3.0725	62.386	.11898
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.641	.00416	-.00259	-.00108	-.00158	-.00067	-.00164
SDev	.342	.00035	.00005	.00034	.00024	.00033	.00049
%RSD	.86301	8.3919	1.7828	31.661	15.380	49.057	30.134
#1	39.399	.00441	-.00262	-.00132	-.00175	-.00044	-.00199
#2	39.883	.00392	-.00255	-.00084	-.00141	-.00090	-.00129
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00115	-.00043	.00002	.00310	-.00063	.00470	.00017
SDev	.00075	.00012	.00028	.00239	.00014	.00016	.00001
%RSD	65.125	27.678	1373.5	77.233	22.237	3.3959	7.0964
#1	-.00062	-.00035	.00022	.00141	-.00073	.00459	.00017
#2	-.00168	-.00052	-.00018	.00479	-.00053	.00481	.00016
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00065	.00243
SDev	.00007	.00157
%RSD	10.269	64.594
#1	-.00060	.00353
#2	-.00070	.00132
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5485	--	--	--	--	--	--
SDev	20.68287	--	--	--	--	--	--
%RSD	.3770721	--	--	--	--	--	--
#1	5500	--	--	--	--	--	--
#2	5470	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849862/PB Operator: TWS
Run Time: 09/04/08 04:36:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03912	-.00037	.00759	.00017	-.00021	.16301	-.00001
SDev	.00370	.00061	.00018	.00003	.00000	.00357	.00001
%RSD	9.4685	164.26	2.4023	20.110	1.8290	2.1879	127.54
#1	.04174	-.00081	.00746	.00015	-.00022	.16553	-.00002
#2	.03650	.00006	.00772	.00020	-.00021	.16049	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00029	.00145	.00704	.00975	.00638	.00002
SDev	.00022	.00020	.00016	.01169	.01637	.00486	.00003
%RSD	83.137	68.655	11.355	166.10	167.89	76.200	129.70
#1	.00042	.00015	.00134	.01530	-.00183	.00294	.00000
#2	.00011	.00042	.00157	-.00123	.02133	.00982	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18132	.00048	.00236	.00030	.00098	-.00195	-.00050
SDev	.02701	.00025	.00328	.00028	.00091	.00055	.00260
%RSD	14.895	52.555	139.17	92.648	92.198	27.946	517.05
#1	.16222	.00066	.00004	.00050	.00034	-.00234	-.00234
#2	.20042	.00030	.00468	.00010	.00163	-.00157	.00133
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00174	-.00206	.00023	.00110	-.00020	.00056	.00015
SDev	.00393	.00115	.00018	.00049	.00014	.00001	.00019
%RSD	225.46	55.818	78.362	44.377	72.758	1.1445	122.80
#1	-.00453	-.00125	.00035	.00076	-.00030	.00055	.00002
#2	.00104	-.00287	.00010	.00145	-.00009	.00056	.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00061	-.00041
SDev	.00009	.00000
%RSD	15.312	.28343
#1	-.00054	-.00041
#2	-.00068	-.00041
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5531	--	--	--	--	--	--
SDev	14.63690	--	--	--	--	--	--
%RSD	.2646507	--	--	--	--	--	--
#1	5541	--	--	--	--	--	--
#2	5520	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849861/FB Operator: TWS
Run Time: 09/04/08 04:41:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.335	.21941	.21953	.21058	.21486	10.463	.21207
SDev	.012	.00031	.00127	.00003	.00055	.034	.00140
%RSD	.11593	.14261	.57876	.01588	.25381	.32931	.65963
#1	10.326	.21963	.22043	.21060	.21448	10.439	.21108
#2	10.343	.21919	.21863	.21055	.21525	10.488	.21306
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21524	.20513	.21161	10.520	10.227	10.360	.21104
SDev	.00088	.00074	.00039	.035	.002	.030	.00072
%RSD	.40727	.36014	.18228	.33317	.01676	.29010	.33975
#1	.21462	.20460	.21188	10.495	10.226	10.339	.21053
#2	.21586	.20565	.21133	10.545	10.229	10.381	.21155
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.327	.20919	.21011	.21114	.21080	.20950	.20891
SDev	.030	.00041	.00100	.00101	.00101	.00043	.00242
%RSD	.28572	.19814	.47783	.47682	.47715	.20604	1.1568
#1	10.306	.20890	.21082	.21185	.21151	.20980	.21061
#2	10.347	.20948	.20940	.21043	.21009	.20919	.20720
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21052	.20899	.20255	.20739	.20858	.21294	.21204
SDev	.00126	.00002	.00048	.00192	.00071	.00135	.00104
%RSD	.59905	.00809	.23872	.92433	.34074	.63146	.49281
#1	.21142	.20900	.20221	.20604	.20808	.21199	.21130
#2	.20963	.20898	.20289	.20875	.20908	.21389	.21278
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05160	.21312
SDev	.00019	.00075
%RSD	.37350	.35295
#1	.05146	.21258
#2	.05174	.21365
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5418	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0724322	--	--	--	--	--	--
#1	5416	--	--	--	--	--	--
#2	5421	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849842 Operator: TWS
Run Time: 09/04/08 04:46:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.1388	.00235	.03052	.04570	.00014	90.416	.00086
SDev	.0236	.00154	.00018	.00011	.00001	.260	.00012
%RSD	.75075	65.429	.58465	.23173	9.2701	.28783	13.339
#1	3.1554	.00344	.03064	.04563	.00015	90.600	.00095
#2	3.1221	.00127	.03039	.04577	.00013	90.232	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00493	.00391	.01547	3.4063	2.9775	10.867	1.1740
SDev	.00006	.00016	.00004	.0165	.0016	.019	.0030
%RSD	1.1483	4.1828	.24615	.48581	.05323	.17129	.25774
#1	.00489	.00402	.01549	3.4180	2.9786	10.880	1.1761
#2	.00497	.00379	.01544	3.3946	2.9764	10.854	1.1719
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.670	.01035	.00436	.00151	.00246	-.00122	.00023
SDev	.092	.00046	.00151	.00220	.00197	.00086	.00071
%RSD	.17753	4.4002	34.578	145.57	80.073	70.908	302.71
#1	51.605	.01067	.00329	-.00004	.00107	-.00183	.00073
#2	51.735	.01003	.00542	.00307	.00385	-.00061	-.00027
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00161	-.00102	.04299	.00182	.00425	.40741	.00056
SDev	.00482	.00111	.00004	.00234	.00000	.00121	.00059
%RSD	298.91	109.37	.08763	128.68	.06941	.29629	105.29
#1	-.00502	-.00023	.04302	.00348	.00425	.40826	.00014
#2	.00179	-.00181	.04297	.00016	.00424	.40655	.00098
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00105	.00215
SDev	.00025	.00026
%RSD	23.428	12.030
#1	-.00122	.00233
#2	-.00088	.00196
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5471	--	--	--	--	--	--
SDev	3.500317	--	--	--	--	--	--
%RSD	.0639757	--	--	--	--	--	--
#1	5469	--	--	--	--	--	--
#2	5474	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849843 Operator: TWS
Run Time: 09/04/08 04:51:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.149	.08810	.06924	.79798	.00403	86.511	.00799
SDev	.140	.00116	.00161	.00052	.00009	.061	.00076
%RSD	.14405	1.3214	2.3253	.06463	2.1923	.07025	9.4935
#1	97.248	.08728	.06811	.79834	.00396	86.468	.00745
#2	97.050	.08892	.07038	.79761	.00409	86.554	.00853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10467	.14958	.30286	280.93	14.209	39.359	9.0011
SDev	.00015	.00063	.00072	.09	.063	.399	.0997
%RSD	.14058	.41775	.23879	.03112	.44194	1.0135	1.1078
#1	.10477	.14914	.30337	280.99	14.254	39.077	8.9306
#2	.10456	.15002	.30235	280.87	14.165	39.641	9.0716
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.892	.22163	.14597	.13864	.14108	.00610	.00020
SDev	.226	.00042	.00005	.00076	.00049	.00393	.00110
%RSD	.35305	.18878	.03707	.55017	.34784	64.374	551.19
#1	64.052	.22193	.14601	.13810	.14073	.00332	-.00058
#2	63.733	.22133	.14593	.13918	.14143	.00888	.00098
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00838	.00497	.27488	.01173	.14521	1.1061	.01034
SDev	.00906	.00136	.00201	.00090	.00103	.0133	.00035
%RSD	108.17	27.440	.73217	7.6983	.70685	1.2014	3.3637
#1	.00197	.00400	.27631	.01109	.14594	1.0967	.01058
#2	.01478	.00593	.27346	.01237	.14448	1.1155	.01009
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00078	.00743
SDev	.00074	.00053
%RSD	95.196	7.1449
#1	-.00025	.00705
#2	-.00130	.00780
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5888	--	--	--	--	--	--
SDev	26.72850	--	--	--	--	--	--
%RSD	.4539410	--	--	--	--	--	--
#1	5907	--	--	--	--	--	--
#2	5869	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849844 Operator: TWS
Run Time: 09/04/08 04:56:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4829	.00356	.04297	.12976	.00035	81.970	.00061
SDev	.1097	.00096	.00118	.00285	.00015	.923	.00034
%RSD	1.9999	26.865	2.7524	2.1991	41.963	1.1263	55.517
#1	5.5604	.00424	.04381	.13177	.00045	82.623	.00085
#2	5.4053	.00288	.04213	.12774	.00025	81.317	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	.01232	.03532	21.325	4.4294	11.024	.11973
SDev	.00014	.00009	.00011	.319	.0493	.151	.00279
%RSD	5.7015	.75994	.30615	1.4959	1.1119	1.3654	2.3272
#1	.00257	.01239	.03540	21.551	4.4642	11.130	.12170
#2	.00237	.01225	.03525	21.100	4.3945	10.917	.11776
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.239	.00708	.06084	.06207	.06167	-.00271	-.00032
SDev	1.101	.00001	.00025	.00017	.00003	.00504	.00436
%RSD	1.2762	.19325	.41034	.27057	.04684	186.20	1361.8
#1	87.017	.00709	.06067	.06219	.06169	-.00627	.00276
#2	85.461	.00707	.06102	.06196	.06164	.00086	-.00340
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00137	-.00338	.07224	.00030	.00973	.29417	.00261
SDev	.00877	.00318	.00594	.00225	.00006	.00477	.00060
%RSD	641.53	94.064	8.2161	757.49	.56740	1.6216	22.950
#1	-.00757	-.00562	.07644	-.00129	.00969	.29755	.00303
#2	.00483	-.00113	.06804	.00189	.00977	.29080	.00219
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00121	.00195
SDev	.00036	.00084
%RSD	29.422	43.247
#1	-.00147	.00255
#2	-.00096	.00136
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5392	--	--	--	--	--	--
SDev	49.42704	--	--	--	--	--	--
%RSD	.9166396	--	--	--	--	--	--
#1	5357	--	--	--	--	--	--
#2	5427	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849845 Operator: TWS
Run Time: 09/04/08 05:01:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.231	.03509	.05450	.44074	.00133	76.278	.00653
SDev	.100	.00009	.00143	.00094	.00001	.039	.00003
%RSD	.27580	.25028	2.6157	.21306	.88503	.05053	.51640
#1	36.302	.03516	.05349	.44140	.00134	76.305	.00655
#2	36.161	.03503	.05551	.44008	.00132	76.251	.00651
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02626	.08989	.35966	213.05	10.927	18.138	2.0081
SDev	.00048	.00049	.00005	.24	.035	.029	.0033
%RSD	1.8167	.53992	.01282	.11072	.32024	.16259	.16468
#1	.02592	.08955	.35970	213.22	10.952	18.158	2.0104
#2	.02659	.09023	.35963	212.88	10.902	18.117	2.0058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.196	.07574	.12720	.12543	.12602	.00257	.00099
SDev	.042	.00003	.00126	.00169	.00071	.00375	.00092
%RSD	.05781	.04079	.99152	1.3504	.56323	146.06	93.140
#1	72.225	.07571	.12631	.12663	.12652	-.00008	.00034
#2	72.166	.07576	.12809	.12423	.12552	.00522	.00163
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00612	.00080	.24968	.00710	.09392	.94764	.01029
SDev	.00556	.00285	.00168	.00154	.00012	.00076	.00057
%RSD	90.833	358.39	.67300	21.671	.12291	.08078	5.5893
#1	.00219	-.00122	.25086	.00602	.09383	.94818	.00988
#2	.01004	.00281	.24849	.00819	.09400	.94709	.01070
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00068	.00657
SDev	.00008	.00223
%RSD	11.829	33.939
#1	-.00074	.00815
#2	-.00062	.00499
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5663	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1123789	--	--	--	--	--	--
#1	5667	--	--	--	--	--	--
#2	5658	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849845/L (1:5) Operator: TWS
Run Time: 09/04/08 05:06:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7721	.00861	.01077	.09205	.00020	15.706	.00130
SDev	.0206	.00192	.00006	.00016	.00000	.007	.00001
%RSD	.26539	22.255	.51143	.17680	.29558	.04160	.67792
#1	7.7867	.00725	.01073	.09216	.00020	15.701	.00130
#2	7.7575	.00996	.01080	.09193	.00020	15.710	.00131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00537	.01946	.07482	44.076	2.2452	3.7349	.41305
SDev	.00013	.00011	.00060	.002	.0137	.0003	.00019
%RSD	2.4651	.55605	.79852	.00370	.60876	.00891	.04590
#1	.00528	.01938	.07440	44.077	2.2355	3.7351	.41292
#2	.00547	.01953	.07524	44.075	2.2548	3.7347	.41319
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.762	.01601	.02688	.02395	.02493	.00138	.00002
SDev	.159	.00040	.00248	.00030	.00063	.00232	.00013
%RSD	1.0778	2.5076	9.2238	1.2498	2.5118	168.58	695.03
#1	14.650	.01573	.02513	.02416	.02448	-.00026	-.00007
#2	14.875	.01630	.02864	.02374	.02537	.00301	.00011
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	.00150	.07716	-.00120	.01977	.19766	-.00012
SDev	.00449	.00123	.00317	.00200	.00010	.00003	.00234
%RSD	402.16	81.848	4.1085	166.46	.50428	.01559	1889.6
#1	-.00206	.00063	.07940	-.00262	.01984	.19768	-.00178
#2	.00429	.00238	.07492	.00021	.01969	.19764	.00153
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00057	.00208
SDev	.00017	.00034
%RSD	29.919	16.411
#1	-.00069	.00184
#2	-.00045	.00232
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5518	--	--	--	--	--	--
SDev	10.28861	--	--	--	--	--	--
%RSD	.1864715	--	--	--	--	--	--
#1	5525	--	--	--	--	--	--
#2	5510	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 05:19:36 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 05:14:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.627	.49980	.50171	.49200	.51546	24.630	.49322
SDev	.069	.00276	.00213	.00190	.00267	.115	.00471
%RSD	.28101	.55312	.42533	.38549	.51804	.46802	.95512
#1	24.676	.50176	.50322	.49334	.51735	24.711	.49655
#2	24.578	.49785	.50020	.49066	.51357	24.548	.48989
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50375	.50205	.49552	24.708	24.175	24.971	.50798
SDev	.00263	.00307	.00175	.137	.055	.127	.00268
%RSD	.52165	.61165	.35406	.55636	.22564	.50825	.52689
#1	.50560	.50422	.49677	24.805	24.213	25.061	.50987
#2	.50189	.49988	.49428	24.610	24.136	24.882	.50609
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.891	.49820	.49914	.50719	.50451	.50300	.48742
SDev	.180	.00237	.00470	.00278	.00342	.00238	.00840
%RSD	.75233	.47518	.94200	.54777	.67766	.47384	1.7231
#1	24.019	.49987	.50246	.50916	.50693	.50468	.49336
#2	23.764	.49652	.49581	.50523	.50209	.50131	.48148
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49166	.50867	.48956	.47840	.49512	.51542	.49360
SDev	.00853	.00069	.00168	.00238	.00266	.00411	.00273
%RSD	1.7358	.13604	.34391	.49834	.53761	.79830	.55255
#1	.49769	.50818	.49075	.47671	.49700	.51832	.49553
#2	.48562	.50916	.48837	.48008	.49323	.51251	.49167
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49932	.50162
SDev	.00083	.00366
%RSD	.16706	.72995
#1	.49991	.49903
#2	.49873	.50421
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5453	--	--	--	--	--	--
SDev	10.50026	--	--	--	--	--	--
%RSD	.1925478	--	--	--	--	--	--
#1	5446	--	--	--	--	--	--
#2	5461	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 05:24:42 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 05:19:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02669	.00066	-.00137	.00016	.00019	.01329	.00015
SDev	.00111	.00072	.00035	.00003	.00003	.00065	.00032
%RSD	4.1746	110.18	25.552	22.147	14.057	4.8679	204.88
#1	.02748	.00015	-.00162	.00018	.00021	.01375	.00038
#2	.02590	.00117	-.00112	.00013	.00017	.01284	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00022	.00199	.00730	-.00401	.00661	.00008
SDev	.00014	.00006	.00042	.00344	.01787	.00167	.00003
%RSD	240.71	25.400	21.165	47.073	445.65	25.326	41.255
#1	-.00004	.00026	.00229	.00487	.00863	.00779	.00005
#2	.00015	.00018	.00170	.00973	-.01664	.00543	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12531	.00000	.00123	.00084	.00097	-.00412	-.00174
SDev	.01486	.00063	.00165	.00044	.00084	.00126	.00131
%RSD	11.862	20452.	134.94	52.433	87.274	30.548	75.512
#1	.11480	-.00044	.00239	.00115	.00156	-.00323	-.00266
#2	.13582	.00045	.00006	.00053	.00037	-.00500	-.00081
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00308	-.00463	.00038	.00053	.00033	.00034	.00049
SDev	.00167	.00272	.00002	.00001	.00000	.00014	.00000
%RSD	54.106	58.680	5.7599	1.5296	.24824	41.271	.69164
#1	-.00426	-.00271	.00036	.00052	.00033	.00044	.00049
#2	-.00190	-.00656	.00039	.00053	.00033	.00024	.00049
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00063	.00084
SDev	.00005	.00039
%RSD	7.6174	46.518
#1	-.00067	.00056
#2	-.00060	.00112
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5366	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.1324422	--	--	--	--	--	--
#1	5361	--	--	--	--	--	--
#2	5371	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849845/PS Operator: TWS
Run Time: 09/04/08 05:24:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.643	.24504	.25898	.63070	.21000	84.574	.20454
SDev	.004	.00025	.00096	.00653	.00014	.213	.00115
%RSD	.00813	.10230	.37213	1.0357	.06626	.25236	.56300
#1	45.640	.24522	.25967	.63532	.20990	84.423	.20535
#2	45.646	.24487	.25830	.62608	.21009	84.725	.20372
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23048	.28460	.56017	217.87	21.118	28.058	2.1782
SDev	.00120	.00055	.00239	.08	.074	.090	.0049
%RSD	.51835	.19171	.42623	.03736	.35022	.32015	.22520
#1	.23132	.28421	.56186	217.93	21.066	27.995	2.1747
#2	.22963	.28498	.55848	217.81	21.170	28.122	2.1817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.697	.27053	.32435	.32420	.32425	.20719	.20026
SDev	.553	.00070	.00068	.00327	.00196	.00255	.00160
%RSD	.68470	.26008	.20840	1.0085	.60312	1.2297	.79633
#1	81.088	.27103	.32387	.32651	.32563	.20539	.19913
#2	80.307	.27004	.32483	.32188	.32286	.20899	.20139
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20515	.20821	.43576	.19515	.29508	1.1326	.18745
SDev	.00954	.00095	.00393	.00152	.00005	.0044	.00166
%RSD	4.6519	.45625	.90173	.77808	.01671	.38814	.88518
#1	.19840	.20889	.43854	.19623	.29504	1.1295	.18862
#2	.21190	.20754	.43298	.19408	.29511	1.1357	.18627
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04903	.21416
SDev	.00032	.00147
%RSD	.66093	.68873
#1	.04925	.21312
#2	.04880	.21520
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5607	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1702368	--	--	--	--	--	--
#1	5601	--	--	--	--	--	--
#2	5614	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849846/MS Operator: TWS
Run Time: 09/04/08 05:29:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.683	.24752	.25634	.63558	.20723	89.127	.20220
SDev	.306	.00123	.00147	.00382	.00122	.633	.00125
%RSD	.64101	.49587	.57328	.60050	.58816	.71015	.61669
#1	47.899	.24839	.25738	.63828	.20809	89.575	.20308
#2	47.467	.24666	.25530	.63288	.20637	88.679	.20132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23225	.29324	.59041	234.71	21.004	29.216	2.3430
SDev	.00199	.00211	.00130	1.92	.087	.189	.0144
%RSD	.85672	.72041	.22112	.81774	.41449	.64848	.61274
#1	.23366	.29474	.59133	236.06	20.943	29.350	2.3532
#2	.23085	.29175	.58949	233.35	21.066	29.082	2.3329
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	83.517	.27865	.32931	.33440	.33271	.20484	.17191
SDev	.068	.00138	.00002	.00309	.00207	.00007	.00035
%RSD	.08189	.49661	.00665	.92409	.62170	.03376	.20466
#1	83.565	.27963	.32933	.33659	.33417	.20479	.17216
#2	83.469	.27767	.32930	.33222	.33124	.20489	.17166
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20397	.20528	.44210	.19380	.29868	1.2257	.20587
SDev	.00498	.00239	.00105	.00138	.00167	.0062	.00081
%RSD	2.4439	1.1636	.23741	.71309	.56053	.50352	.39287
#1	.20044	.20697	.44285	.19282	.29986	1.2301	.20644
#2	.20749	.20359	.44136	.19477	.29750	1.2214	.20530
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05060	.20926
SDev	.00098	.00239
%RSD	1.9366	1.1424
#1	.05130	.20757
#2	.04991	.21095
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5672	--	--	--	--	--	--
SDev	11.56127	--	--	--	--	--	--
%RSD	.2038404	--	--	--	--	--	--
#1	5664	--	--	--	--	--	--
#2	5680	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849847/SD Operator: TWS
Run Time: 09/04/08 05:34:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.933	.24335	.25113	.64010	.20088	86.466	.19861
SDev	.007	.00142	.00222	.00335	.00185	.025	.00128
%RSD	.01546	.58140	.88486	.52275	.91969	.02864	.64193
#1	46.939	.24435	.25270	.64246	.20218	86.484	.19951
#2	46.928	.24235	.24956	.63773	.19957	86.449	.19771
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22599	.28579	.58089	233.35	20.111	28.411	2.2792
SDev	.00097	.00126	.00152	.08	.144	.135	.0095
%RSD	.42888	.44214	.26214	.03329	.71416	.47587	.41671
#1	.22667	.28668	.58196	233.30	20.010	28.507	2.2860
#2	.22530	.28489	.57981	233.41	20.213	28.316	2.2725
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.528	.27286	.32607	.32625	.32619	.19840	.17036
SDev	.103	.00016	.00421	.00226	.00011	.00051	.00179
%RSD	.12533	.05744	1.2912	.69395	.03315	.25762	1.0525
#1	82.601	.27275	.32904	.32465	.32611	.19803	.17163
#2	82.455	.27297	.32309	.32785	.32627	.19876	.16909
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19925	.19797	.43390	.19427	.29441	1.1735	.20506
SDev	.00109	.00131	.00199	.00037	.00093	.0063	.00038
%RSD	.54631	.66217	.45946	.19007	.31458	.53426	.18473
#1	.20002	.19705	.43531	.19453	.29375	1.1779	.20479
#2	.19848	.19890	.43249	.19401	.29506	1.1690	.20533
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05054	.20357
SDev	.00061	.00133
%RSD	1.2084	.65271
#1	.05011	.20263
#2	.05097	.20451
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5645	--	--	--	--	--	--
SDev	16.33424	--	--	--	--	--	--
%RSD	.2893755	--	--	--	--	--	--
#1	5633	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849848 Operator: TWS
Run Time: 09/04/08 05:39:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.846	.01032	.04844	.16868	.00090	96.438	.00230
SDev	.132	.00003	.00003	.00047	.00005	.765	.00034
%RSD	.55266	.31569	.05580	.27730	5.6467	.79355	14.663
#1	23.753	.01029	.04842	.16834	.00087	95.897	.00254
#2	23.939	.01034	.04846	.16901	.00094	96.979	.00206
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01476	.04912	.33277	59.434	6.7724	19.144	1.0200
SDev	.00011	.00089	.00236	.528	.0490	.048	.0022
%RSD	.75958	1.8084	.70968	.88916	.72280	.25264	.21297
#1	.01468	.04850	.33110	59.060	6.7377	19.110	1.0185
#2	.01484	.04975	.33444	59.808	6.8070	19.178	1.0215
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.504	.04642	.01905	.01466	.01612	.00002	-.00055
SDev	.270	.00075	.00007	.00171	.00117	.00080	.00073
%RSD	.66536	1.6158	.37897	11.705	7.2472	3617.3	133.77
#1	40.314	.04589	.01910	.01587	.01695	.00059	-.00106
#2	40.695	.04695	.01900	.01344	.01529	-.00054	-.00003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00346	-.00170	.12823	.00239	.02689	.45396	.00245
SDev	.00321	.00041	.00401	.00087	.00028	.00038	.00195
%RSD	92.850	24.178	3.1250	36.259	1.0570	.08283	79.320
#1	.00573	-.00199	.13106	.00178	.02669	.45369	.00108
#2	.00119	-.00141	.12539	.00300	.02709	.45422	.00383
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00085	.00222
SDev	.00006	.00138
%RSD	7.0202	62.216
#1	-.00081	.00319
#2	-.00090	.00124
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	2.863644	--	--	--	--	--	--
%RSD	.0515463	--	--	--	--	--	--
#1	5558	--	--	--	--	--	--
#2	5553	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849849 Operator: TWS
Run Time: 09/04/08 05:45:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8082	.00281	.02942	.05731	.00028	78.543	.00076
SDev	.0432	.00010	.00047	.00068	.00006	.701	.00020
%RSD	.89863	3.4691	1.5899	1.1885	22.671	.89284	26.518
#1	4.8387	.00275	.02909	.05779	.00032	79.039	.00062
#2	4.7776	.00288	.02975	.05683	.00023	78.047	.00091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	.00625	.01938	5.5789	2.8405	12.322	.45608
SDev	.00006	.00015	.00014	.0422	.0134	.079	.00229
%RSD	1.4613	2.4677	.74149	.75651	.47215	.63712	.50187
#1	.00399	.00614	.01948	5.6088	2.8500	12.378	.45770
#2	.00391	.00636	.01927	5.5491	2.8310	12.267	.45446
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.710	.00996	.00371	.00169	.00236	-.00435	-.00029
SDev	.207	.00115	.00026	.00025	.00008	.00387	.00160
%RSD	.61423	11.560	7.0898	14.581	3.2613	88.876	556.53
#1	33.856	.00914	.00352	.00187	.00242	-.00162	.00084
#2	33.563	.01077	.00390	.00152	.00231	-.00709	-.00142
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00159	-.00574	.06689	.00103	.00658	.43706	.00067
SDev	.00442	.00360	.00044	.00154	.00060	.00429	.00176
%RSD	278.10	62.682	.66470	149.32	9.0484	.98078	263.69
#1	.00153	-.00319	.06657	-.00006	.00700	.44009	.00191
#2	-.00471	-.00828	.06720	.00212	.00616	.43403	-.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00199	.00151
SDev	.00032	.00008
%RSD	15.840	5.1990
#1	-.00177	.00146
#2	-.00221	.00157
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5490	--	--	--	--	--	--
SDev	21.63754	--	--	--	--	--	--
%RSD	.3941156	--	--	--	--	--	--
#1	5475	--	--	--	--	--	--
#2	5505	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849850 Operator: TWS
Run Time: 09/04/08 05:50:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.271	.00749	.06952	.14581	.00051	94.446	.00089
SDev	.063	.00082	.00029	.00116	.00003	.414	.00022
%RSD	.41470	10.974	.41495	.79672	6.0287	.43812	24.571
#1	15.316	.00807	.06932	.14663	.00053	94.739	.00104
#2	15.227	.00691	.06972	.14499	.00049	94.153	.00074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01361	.02897	.13122	33.557	6.6525	17.954	1.8288
SDev	.00031	.00090	.00131	.139	.0032	.110	.0083
%RSD	2.2950	3.1220	.99565	.41538	.04876	.61212	.45446
#1	.01383	.02961	.13215	33.655	6.6502	18.031	1.8347
#2	.01339	.02833	.13030	33.458	6.6548	17.876	1.8229
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.819	.03549	.02508	.02689	.02629	-.00139	.00063
SDev	.378	.00053	.00126	.00153	.00060	.00034	.00215
%RSD	1.1179	1.5072	5.0308	5.7068	2.2959	24.748	339.04
#1	34.086	.03587	.02597	.02581	.02586	-.00164	-.00089
#2	33.552	.03511	.02418	.02798	.02671	-.00115	.00215
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00585	-.00502	.09493	.00616	.02088	.17396	.00372
SDev	.00281	.00089	.00040	.00402	.00006	.00052	.00097
%RSD	47.971	17.661	.42054	65.299	.28948	.30081	26.257
#1	.00387	-.00439	.09465	.00901	.02084	.17433	.00440
#2	.00783	-.00564	.09522	.00332	.02092	.17359	.00303
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00043	.00088
SDev	.00028	.00030
%RSD	65.597	34.084
#1	-.00023	.00109
#2	-.00063	.00067
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5543	--	--	--	--	--	--
SDev	20.68287	--	--	--	--	--	--
%RSD	.3731131	--	--	--	--	--	--
#1	5529	--	--	--	--	--	--
#2	5558	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849851 Operator: TWS
Run Time: 09/04/08 05:55:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.896	.03939	.06995	.30354	.00186	90.922	.00325
SDev	.258	.00028	.00141	.00353	.00008	.388	.00030
%RSD	.52842	.70950	2.0222	1.1628	4.4741	.42652	9.1254
#1	48.713	.03919	.07095	.30104	.00180	90.647	.00304
#2	49.079	.03958	.06895	.30603	.00192	91.196	.00346
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02568	.08456	.24764	133.65	12.319	24.472	1.7355
SDev	.00037	.00012	.00153	.42	.068	.170	.0107
%RSD	1.4359	.13776	.61792	.31540	.54925	.69400	.61798
#1	.02594	.08447	.24656	133.35	12.366	24.352	1.7279
#2	.02542	.08464	.24872	133.95	12.271	24.592	1.7431
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.436	.08743	.06998	.06339	.06558	.00468	.00261
SDev	.264	.00144	.00003	.00073	.00048	.00039	.00142
%RSD	.70654	1.6471	.04233	1.1505	.72666	8.2697	54.265
#1	37.249	.08641	.07000	.06288	.06525	.00495	.00161
#2	37.623	.08845	.06996	.06391	.06592	.00441	.00361
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00936	.00234	.25751	.00492	.07974	2.4509	.00881
SDev	.00473	.00295	.00114	.00046	.00056	.0169	.00252
%RSD	50.525	125.94	.44422	9.2431	.70409	.69031	28.600
#1	.00602	.00442	.25670	.00524	.07934	2.4389	.00703
#2	.01271	.00026	.25832	.00460	.08014	2.4628	.01059
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00057	.00825
SDev	.00019	.00113
%RSD	33.221	13.688
#1	-.00043	.00746
#2	-.00070	.00905
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5668	--	--	--	--	--	--
SDev	48.15404	--	--	--	--	--	--
%RSD	.8496372	--	--	--	--	--	--
#1	5702	--	--	--	--	--	--
#2	5634	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849852 Operator: TWS
Run Time: 09/04/08 06:00:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.846	.01973	.06381	.28689	.00177	125.92	.00437
SDev	.491	.00003	.00068	.00413	.00007	1.73	.00005
%RSD	1.3708	.13045	1.0577	1.4380	4.0526	1.3777	1.1491
#1	36.193	.01971	.06429	.28981	.00182	127.14	.00440
#2	35.498	.01975	.06333	.28398	.00172	124.69	.00433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02918	.04686	.14745	66.939	9.8391	33.920	3.2063
SDev	.00002	.00054	.00231	.941	.1670	.136	.0123
%RSD	.07434	1.1434	1.5693	1.4060	1.6971	.40235	.38288
#1	.02916	.04724	.14909	67.604	9.9572	34.017	3.2149
#2	.02919	.04648	.14581	66.273	9.7211	33.824	3.1976
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.580	.07839	.16747	.16334	.16472	.00006	-.00022
SDev	.595	.00116	.00274	.00005	.00088	.00040	.00087
%RSD	1.9468	1.4827	1.6342	.03305	.53142	697.06	400.07
#1	31.001	.07921	.16941	.16331	.16534	.00034	.00040
#2	30.159	.07756	.16554	.16338	.16410	-.00023	-.00084
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00203	-.00093	.22634	.00254	.05248	4.9522	.00491
SDev	.00136	.00008	.00347	.00130	.00018	.0250	.00021
%RSD	66.955	8.2280	1.5311	50.969	.33720	.50570	4.2126
#1	.00298	-.00098	.22879	.00346	.05261	4.9699	.00506
#2	.00107	-.00087	.22389	.00163	.05236	4.9345	.00477
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00076	.00372
SDev	.00028	.00112
%RSD	37.048	30.017
#1	-.00056	.00451
#2	-.00096	.00293
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5573	--	--	--	--	--	--
SDev	20.25889	--	--	--	--	--	--
%RSD	.3634973	--	--	--	--	--	--
#1	5559	--	--	--	--	--	--
#2	5588	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849853 Operator: TWS
Run Time: 09/04/08 06:05:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16768	.11270	9.1403	.06812	.00057	76.906	.00011
SDev	.00359	.00207	.0202	.00012	.00002	.003	.00013
%RSD	2.1381	1.8406	.22145	.18132	2.6709	.00331	116.00
#1	.16515	.11123	9.1546	.06820	.00059	76.904	.00002
#2	.17022	.11416	9.1260	.06803	.00056	76.908	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01259	.10596	.00812	2.3281	325.93	59.146	.72390
SDev	.00020	.00028	.00033	.0030	1.45	.180	.00256
%RSD	1.6299	.26770	4.0490	.13008	.44522	.30455	.35368
#1	.01244	.10576	.00789	2.3260	324.90	59.274	.72571
#2	.01273	.10616	.00836	2.3302	326.95	59.019	.72209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2526.9	.13922	.00040	-.00083	-.00042	.00177	.00026
SDev	.8	.00006	.00090	.00050	.00063	.00127	.00334
%RSD	.03190	.04125	227.55	60.012	149.33	71.923	1303.4
#1	H2527.5	.13926	.00103	-.00048	.00002	.00087	.00262
#2	H2526.4	.13918	-.00024	-.00119	-.00087	.00267	-.00210
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00805	-.00137	.07546	.00041	.08726	.01268	-.00047
SDev	.00523	.00071	.00047	.00124	.00057	.00076	.00088
%RSD	64.991	51.552	.62934	305.61	.65331	5.9919	188.30
#1	.00435	-.00087	.07512	.00128	.08686	.01321	.00015
#2	.01175	-.00187	.07579	-.00047	.08766	.01214	-.00109
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00067	.03072
SDev	.00002	.00078
%RSD	2.3429	2.5522
#1	.00068	.03017
#2	.00066	.03128
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4930	--	--	--	--	--	--
SDev	3.499971	--	--	--	--	--	--
%RSD	.0709915	--	--	--	--	--	--
#1	4928	--	--	--	--	--	--
#2	4933	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849854 Operator: TWS
Run Time: 09/04/08 06:10:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11070	.02312	1.4791	.03970	.00044	244.42	.00368
SDev	.00640	.00026	.0077	.00027	.00004	1.96	.00028
%RSD	5.7829	1.1033	.52269	.67910	9.2497	.80262	7.5865
#1	.10618	.02330	1.4736	.03951	.00041	243.03	.00387
#2	.11523	.02294	1.4845	.03989	.00047	245.81	.00348
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12502	.00442	.00674	171.68	93.374	190.66	H77.934
SDev	.00086	.00037	.00038	1.31	.649	1.14	.468
%RSD	.68674	8.4115	5.7008	.76402	.69483	.59955	.59999
#1	.12441	.00416	.00701	170.75	92.916	189.85	H77.604
#2	.12563	.00469	.00646	172.60	93.833	191.46	H78.265
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	291.14	.11089	.00421	.00224	.00289	.00592	-.00167
SDev	1.40	.00100	.00178	.00195	.00071	.00075	.00406
%RSD	.47976	.90408	42.151	87.343	24.584	12.635	242.43
#1	290.15	.11018	.00547	.00085	.00239	.00539	.00120
#2	292.12	.11160	.00296	.00362	.00340	.00645	-.00454
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01568	.00105	.00129	.01011	.00062	.04929	.00297
SDev	.00108	.00166	.00046	.00404	.00013	.00008	.00184
%RSD	6.9015	158.76	35.632	39.923	20.040	.15437	62.045
#1	.01644	-.00013	.00096	.00725	.00054	.04923	.00167
#2	.01491	.00222	.00161	.01296	.00071	.04934	.00427
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00093	-.00247
SDev	.00049	.00106
%RSD	53.051	43.099
#1	.00058	-.00322
#2	.00127	-.00172
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5287	--	--	--	--	--	--
SDev	6.151622	--	--	--	--	--	--
%RSD	.1163559	--	--	--	--	--	--
#1	5291	--	--	--	--	--	--
#2	5283	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 06:23:36 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 06:18:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.695	.49431	.50381	.49506	.51006	24.508	.48841
SDev	.011	.00148	.00165	.00137	.00384	.064	.00331
%RSD	.04563	.29860	.32819	.27695	.75247	.26209	.67664
#1	24.702	.49326	.50498	.49603	.51277	24.554	.49075
#2	24.687	.49535	.50264	.49409	.50735	24.463	.48607
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50114	.49838	.50014	24.696	24.241	24.535	.49972
SDev	.00224	.00057	.00059	.070	.077	.129	.00263
%RSD	.44773	.11484	.11693	.28305	.31831	.52441	.52663
#1	.50273	.49878	.50056	24.745	24.186	24.626	.50158
#2	.49955	.49797	.49973	24.646	24.295	24.444	.49786
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.339	.49692	.49725	.50108	.49980	.50155	.48586
SDev	.140	.00215	.00292	.00407	.00369	.00608	.00825
%RSD	.57637	.43288	.58625	.81321	.73802	1.2114	1.6983
#1	24.438	.49844	.49931	.50396	.50241	.50585	.49170
#2	24.240	.49540	.49519	.49820	.49720	.49725	.48003
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50202	.50132	.49084	.47857	.49591	.50141	.50248
SDev	.00968	.00427	.00136	.00686	.00108	.00256	.00134
%RSD	1.9288	.85218	.27651	1.4337	.21827	.50976	.26632
#1	.50887	.50435	.49180	.48342	.49668	.50322	.50342
#2	.49517	.49830	.48988	.47372	.49515	.49960	.50153
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50252	.49637
SDev	.00005	.00170
%RSD	.01037	.34252
#1	.50249	.49757
#2	.50256	.49517
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5407	--	--	--	--	--	--
SDev	27.47082	--	--	--	--	--	--
%RSD	.5080768	--	--	--	--	--	--
#1	5387	--	--	--	--	--	--
#2	5426	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 06:28:42 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 06:23:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02563	.00129	.00166	.00017	.00031	.01744	-.00001
SDev	.00251	.00062	.00108	.00009	.00005	.00024	.00025
%RSD	9.7881	48.260	65.125	49.419	15.121	1.3787	4357.2
#1	.02741	.00085	.00090	.00023	.00028	.01761	-.00018
#2	.02386	.00173	.00243	.00011	.00034	.01727	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00049	.00195	.00984	.01673	.01086	.00109
SDev	.00006	.00022	.00065	.00867	.01035	.00144	.00001
%RSD	15.422	44.624	33.377	88.099	61.902	13.306	.42689
#1	.00034	.00065	.00149	.01597	.00941	.00983	.00108
#2	.00043	.00034	.00241	.00371	.02405	.01188	.00109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16407	.00005	.00106	.00006	.00039	-.00040	-.00085
SDev	.04185	.00009	.00103	.00301	.00235	.00231	.00085
%RSD	25.508	165.52	97.585	5119.6	600.47	575.97	99.632
#1	.19366	-.00001	.00179	.00219	.00205	-.00204	-.00145
#2	.13448	.00011	.00033	-.00207	-.00127	.00123	-.00025
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00351	.00116	.00022	.00203	.00023	.00017	.00090
SDev	.00570	.00062	.00048	.00044	.00015	.00013	.00182
%RSD	162.29	53.354	216.53	21.636	63.552	78.568	202.84
#1	-.00755	.00072	.00056	.00172	.00013	.00026	-.00039
#2	.00052	.00159	-.00012	.00234	.00034	.00007	.00219
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00086	.00169
SDev	.00032	.00114
%RSD	36.798	67.405
#1	-.00064	.00249
#2	-.00108	.00088
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5310	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3755070	--	--	--	--	--	--
#1	5324	--	--	--	--	--	--
#2	5296	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849855 Operator: TWS
Run Time: 09/04/08 06:28:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.632	.13714	9.0956	1.1862	.00115	152.61	.00126
SDev	.192	.00308	.1556	.0211	.00016	1.95	.00016
%RSD	1.2258	2.2432	1.7110	1.7755	14.123	1.2808	12.629
#1	15.768	.13931	9.2056	1.2011	.00127	153.99	.00137
#2	15.497	.13496	8.9856	1.1713	.00104	151.23	.00115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04359	.14975	.04197	46.080	H421.81	126.51	2.4826
SDev	.00052	.00152	.00055	.655	3.34	1.73	.0370
%RSD	1.1868	1.0176	1.3054	1.4215	.79120	1.3692	1.4906
#1	.04395	.15083	.04236	46.543	H424.17	127.74	2.5088
#2	.04322	.14867	.04158	45.617	H419.45	125.29	2.4565
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1006.9	.16782	.02223	.02451	.02375	.00316	.00712
SDev	9.8	.00118	.00208	.00143	.00164	.00227	.00020
%RSD	.97687	.70234	9.3711	5.8226	6.9286	71.590	2.8869
#1	H1013.8	.16866	.02370	.02552	.02491	.00477	.00726
#2	H999.90	.16699	.02075	.02350	.02258	.00156	.00697
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00727	.00111	.25226	.00394	.06901	.17575	.02480
SDev	.00129	.00275	.00370	.00274	.00084	.00193	.00385
%RSD	17.748	247.79	1.4673	69.614	1.2184	1.0984	15.523
#1	.00818	.00306	.25488	.00588	.06961	.17712	.02752
#2	.00636	-.00084	.24964	.00200	.06842	.17439	.02208
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00025	.02251
SDev	.00015	.00019
%RSD	59.078	.83373
#1	-.00036	.02265
#2	-.00015	.02238
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5359	--	--	--	--	--	--
SDev	53.98767	--	--	--	--	--	--
%RSD	1.007482	--	--	--	--	--	--
#1	5320	--	--	--	--	--	--
#2	5397	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849856 Operator: TWS
Run Time: 09/04/08 06:33:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2085	.00200	.10278	.04434	.00008	67.920	.00010
SDev	.0025	.00019	.00156	.00003	.00006	.167	.00001
%RSD	.20727	9.7318	1.5230	.07235	80.340	.24558	7.0270
#1	1.2068	.00186	.10389	.04436	.00012	68.038	.00010
#2	1.2103	.00214	.10168	.04432	.00003	67.802	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	.00261	.00964	1.4750	2.9045	13.035	.03469
SDev	.00022	.00035	.00034	.0140	.0109	.085	.00012
%RSD	19.902	13.353	3.5757	.95149	.37697	.64976	.35340
#1	.00128	.00286	.00940	1.4849	2.8967	13.095	.03478
#2	.00097	.00236	.00989	1.4650	2.9122	12.975	.03461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.789	.00321	.01019	.00834	.00896	-.00219	.00024
SDev	.208	.00031	.00138	.00139	.00139	.00298	.00314
%RSD	.87334	9.6827	13.515	16.703	15.495	135.90	1320.6
#1	23.643	.00343	.00922	.00736	.00798	-.00009	-.00198
#2	23.936	.00299	.01116	.00933	.00994	-.00430	.00246
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00338	-.00160	.03033	.00085	.00270	.01640	.00203
SDev	.00283	.00588	.00033	.00049	.00058	.00009	.00060
%RSD	83.881	367.98	1.0961	57.603	21.490	.53232	29.355
#1	-.00538	.00256	.03057	.00050	.00311	.01633	.00161
#2	-.00137	-.00576	.03010	.00120	.00229	.01646	.00245
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00072	.00850
SDev	.00045	.00088
%RSD	61.935	10.338
#1	-.00104	.00912
#2	-.00041	.00788
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5459	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2622836	--	--	--	--	--	--
#1	5449	--	--	--	--	--	--
#2	5469	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849857 Operator: TWS
Run Time: 09/04/08 06:38:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07259	.00083	.05306	.06117	.00009	112.08	.00028
SDev	.00347	.00044	.00092	.00038	.00003	.82	.00007
%RSD	4.7878	52.749	1.7330	.62356	28.558	.73396	26.438
#1	.07013	.00114	.05371	.06090	.00007	111.50	.00033
#2	.07504	.00052	.05241	.06144	.00011	112.66	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00628	.58168	.00984	6.8444	4.2007	59.024	.10750
SDev	.00007	.00314	.00003	.0629	.0447	.433	.00072
%RSD	1.1294	.54066	.34333	.91948	1.0633	.73396	.66733
#1	.00623	.57945	.00981	6.7999	4.1691	58.718	.10700
#2	.00633	.58390	.00986	6.8889	4.2323	59.331	.10801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.409	.08509	.00164	-.00064	.00012	-.00152	.00179
SDev	.304	.00038	.00021	.00071	.00055	.00374	.00179
%RSD	.81271	.44140	13.034	111.27	454.82	246.14	99.808
#1	37.194	.08483	.00149	-.00114	-.00027	-.00416	.00053
#2	37.624	.08536	.00180	-.00014	.00051	.00112	.00306
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	-.00191	.00104	.00208	.00132	.00543	-.00043
SDev	.00762	.00179	.00003	.00056	.00015	.00070	.00001
%RSD	1029.5	94.054	3.1722	26.787	11.017	12.936	1.9594
#1	-.00613	-.00317	.00102	.00247	.00122	.00493	-.00042
#2	.00465	-.00064	.00107	.00168	.00143	.00592	-.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00139	.03342
SDev	.00002	.00161
%RSD	1.4623	4.8146
#1	-.00138	.03456
#2	-.00141	.03228
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5404	--	--	--	--	--	--
SDev	12.51593	--	--	--	--	--	--
%RSD	.2316220	--	--	--	--	--	--
#1	5412	--	--	--	--	--	--
#2	5395	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849858 Operator: TWS
Run Time: 09/04/08 06:43:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00602	-.00026	.04929	.04370	.00017	225.52	.00006
SDev	.00053	.00044	.00028	.00060	.00006	1.30	.00016
%RSD	8.8844	166.28	.57870	1.3605	38.294	.57426	251.91
#1	.00640	.00005	.04909	.04412	.00021	226.44	.00018
#2	.00564	-.00058	.04949	.04328	.00012	224.60	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	.00058	.00167	4.8508	3.3607	100.47	.21021
SDev	.00034	.00007	.00044	.0447	.0146	.80	.00179
%RSD	7.0682	12.237	26.494	.92160	.43573	.79163	.85231
#1	.00506	.00053	.00136	4.8824	3.3504	101.03	.21147
#2	.00458	.00063	.00198	4.8192	3.3711	99.903	.20894
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.8834	.01523	-.00160	.00050	-.00020	-.00264	-.00063
SDev	.0467	.00009	.00009	.00120	.00083	.00402	.00103
%RSD	.67820	.55891	5.8277	238.75	416.19	152.51	164.42
#1	6.9164	.01517	-.00167	-.00035	-.00079	.00021	.00010
#2	6.8504	.01529	-.00154	.00135	.00039	-.00548	-.00136
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	-.00335	-.00008	.00004	-.00019	.00396	.00097
SDev	.00158	.00524	.00000	.00173	.00000	.00025	.00179
%RSD	131.26	156.33	2.4377	3907.0	.06990	6.4229	185.06
#1	-.00009	.00035	-.00008	-.00118	-.00019	.00378	.00223
#2	-.00233	-.00706	-.00008	.00127	-.00019	.00414	-.00030
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00111	.00056
SDev	.00016	.00043
%RSD	14.120	76.541
#1	-.00122	.00026
#2	-.00100	.00086
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5418	--	--	--	--	--	--
SDev	16.54623	--	--	--	--	--	--
%RSD	.3053937	--	--	--	--	--	--
#1	5406	--	--	--	--	--	--
#2	5430	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849859 Operator: TWS
Run Time: 09/04/08 06:49:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3224	.01296	.20861	.45471	.00013	116.56	.00039
SDev	.0085	.00161	.00094	.00112	.00003	.29	.00037
%RSD	.63949	12.458	.44955	.24569	24.676	.24861	94.703
#1	1.3284	.01410	.20928	.45550	.00015	116.77	.00065
#2	1.3165	.01182	.20795	.45392	.00010	116.36	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	.00268	.04671	3.9468	12.216	32.602	.15453
SDev	.00006	.00033	.00034	.0049	.015	.053	.00039
%RSD	1.7813	12.323	.72345	.12477	.12411	.16287	.24980
#1	.00369	.00291	.04647	3.9503	12.227	32.640	.15480
#2	.00360	.00245	.04694	3.9433	12.206	32.565	.15425
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.607	.00442	.53593	.54888	.54457	-.00108	-.00286
SDev	.300	.00011	.00046	.00108	.00088	.00053	.00134
%RSD	.34296	2.5763	.08561	.19724	.16066	48.732	46.845
#1	87.819	.00451	.53625	.54964	.54518	-.00145	-.00191
#2	87.394	.00434	.53560	.54811	.54395	-.00071	-.00381
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.00233	.06475	-.00143	.00223	.15821	.00257
SDev	.00050	.00054	.00025	.00084	.00001	.00058	.00199
%RSD	35.273	23.150	.38805	58.695	.20465	.36386	77.460
#1	.00106	-.00271	.06457	-.00084	.00223	.15861	.00116
#2	.00177	-.00195	.06493	-.00203	.00223	.15780	.00398
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00089	.00197
SDev	.00028	.00090
%RSD	31.148	45.586
#1	-.00108	.00134
#2	-.00069	.00261
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5431	--	--	--	--	--	--
SDev	10.28861	--	--	--	--	--	--
%RSD	.1894589	--	--	--	--	--	--
#1	5423	--	--	--	--	--	--
#2	5438	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849860 Operator: TWS
Run Time: 09/04/08 06:54:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07925	.00116	.01089	.01962	.00009	31.733	.00004
SDev	.00196	.00097	.00173	.00018	.00003	.287	.00010
%RSD	2.4732	84.153	15.904	.92826	30.745	.90399	217.79
#1	.08063	.00047	.00966	.01949	.00007	31.530	.00011
#2	.07786	.00185	.01211	.01975	.00011	31.935	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00057	.00247	.00800	1.5461	8.6176	.00260
SDev	.00051	.00027	.00089	.00087	.0145	.1013	.00000
%RSD	87.991	47.574	35.938	10.914	.93568	1.1751	.15542
#1	.00094	.00038	.00310	.00739	1.5358	8.5460	.00260
#2	.00022	.00077	.00184	.00862	1.5563	8.6893	.00260
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.835	.00142	.00155	-.00020	.00038	-.00037	-.00009
SDev	.006	.00016	.00213	.00074	.00022	.00152	.00091
%RSD	.04207	11.578	137.24	367.07	57.214	407.74	1045.8
#1	13.839	.00154	.00005	.00032	.00023	.00070	.00056
#2	13.831	.00130	.00306	-.00072	.00054	-.00144	-.00073
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00058	.00028	-.00159	.00032	.00196	.00231
SDev	.00276	.00366	.00016	.00341	.00057	.00027	.00379
%RSD	6298.1	630.69	57.119	214.05	179.46	13.616	164.27
#1	-.00191	.00201	.00040	.00082	.00073	.00215	-.00037
#2	.00200	-.00316	.00017	-.00401	-.00009	.00177	.00499
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00098	.00021
SDev	.00012	.00039
%RSD	12.211	181.94
#1	-.00106	.00049
#2	-.00089	-.00006
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5411	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1430935	--	--	--	--	--	--
#1	5416	--	--	--	--	--	--
#2	5405	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849894 Operator: TWS
Run Time: 09/04/08 06:59:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67542	.00947	.23999	.02729	.00033	275.03	.00024
SDev	.00204	.00171	.00108	.00017	.00006	1.63	.00013
%RSD	.30268	18.105	.44783	.61597	17.423	.59155	54.414
#1	.67686	.01068	.24075	.02741	.00037	276.18	.00034
#2	.67397	.00826	.23923	.02717	.00029	273.87	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.01021	.01396	3.2817	7.4251	302.07	.03648
SDev	.00026	.00028	.00002	.0228	.0444	1.65	.00020
%RSD	28.717	2.7578	.17341	.69327	.59815	.54715	.55853
#1	.00108	.01001	.01395	3.2978	7.4565	303.24	.03663
#2	.00071	.01041	.01398	3.2656	7.3937	300.90	.03634
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.149	.01108	.00796	.00746	.00762	-.00022	.03643
SDev	.383	.00021	.00063	.00014	.00030	.00121	.00122
%RSD	.39794	1.9047	7.9388	1.8986	3.9982	557.98	3.3617
#1	96.420	.01093	.00751	.00736	.00741	.00064	.03729
#2	95.879	.01123	.00840	.00756	.00784	-.00107	.03556
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	-.00211	.00918	.00026	.00067	.29592	.00180
SDev	.00007	.00178	.00026	.00075	.00029	.00130	.00020
%RSD	1.9030	84.279	2.8710	290.84	44.003	.43947	11.013
#1	.00363	-.00085	.00937	.00079	.00088	.29684	.00194
#2	.00353	-.00337	.00900	-.00027	.00046	.29500	.00166
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00105	.00230
SDev	.00041	.00026
%RSD	39.320	11.110
#1	-.00076	.00212
#2	-.00134	.00248
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5348	--	--	--	--	--	--
SDev	15.90990	--	--	--	--	--	--
%RSD	.2974787	--	--	--	--	--	--
#1	5337	--	--	--	--	--	--
#2	5360	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 07:12:15 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 07:07:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.668	.53471	.54273	.53352	Q.55659	26.486	.53330
SDev	.200	.00383	.00448	.00400	.00451	.272	.00693
%RSD	.75093	.71716	.82596	.75030	.80949	1.0279	1.2996
#1	26.526	.53200	.53956	.53069	Q.55340	26.293	.52840
#2	26.809	.53742	.54590	.53635	Q.55977	26.678	.53820
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54540	.53843	.53914	26.770	25.635	26.667	.54316
SDev	.00526	.00428	.00433	.315	.127	.244	.00407
%RSD	.96482	.79557	.80242	1.1758	.49581	.91659	.74931
#1	.54168	.53541	.53608	26.548	25.545	26.494	.54029
#2	.54912	.54146	.54220	26.993	25.725	26.840	.54604
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.144	.53591	.54349	.54353	.54352	.54361	.52290
SDev	.230	.00527	.00728	.00682	.00697	.00701	.00369
%RSD	.87943	.98262	1.3402	1.2545	1.2831	1.2889	.70582
#1	25.981	.53219	.53834	.53871	.53859	.53866	.52029
#2	26.306	.53963	.54864	.54835	.54845	.54857	.52551
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54502	.54292	.52807	.52278	.53410	.54399	.54920
SDev	.00744	.00679	.00549	.01208	.00498	.00501	.00493
%RSD	1.3650	1.2507	1.0401	2.3101	.93171	.92043	.89794
#1	.53976	.53812	.52418	.51424	.53058	.54045	.54571
#2	.55028	.54772	.53195	.53132	.53761	.54753	Q.55269
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.54079	.53451
SDev	.00298	.00802
%RSD	.55038	1.5006
#1	.53868	.52884
#2	.54289	.54018
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5101	--	--	--	--	--	--
SDev	18.34956	--	--	--	--	--	--
%RSD	.3597265	--	--	--	--	--	--
#1	5114	--	--	--	--	--	--
#2	5088	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 07:17:21 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 07:12:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03106	.00175	.00060	.00012	.00053	.02190	.00013
SDev	.00020	.00052	.00024	.00002	.00005	.00155	.00012
%RSD	.63891	29.428	39.655	14.967	8.8224	7.0720	93.386
#1	.03120	.00212	.00043	.00011	.00049	.02300	.00022
#2	.03092	.00139	.00076	.00014	.00056	.02081	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.00026	.00121	.00369	-.00777	.01712	.00119
SDev	.00011	.00044	.00006	.00349	.00097	.00468	.00003
%RSD	15.058	172.19	4.8410	94.619	12.452	27.347	2.2184
#1	.00080	.00057	.00125	.00122	-.00708	.02043	.00121
#2	.00064	-.00006	.00116	.00616	-.00845	.01381	.00117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03751	.00016	-.00022	-.00125	-.00091	-.00545	-.00189
SDev	.07604	.00023	.00281	.00100	.00027	.00022	.00099
%RSD	202.71	143.55	1296.1	80.063	29.785	4.0214	52.714
#1	-.09128	-.00000	.00177	-.00196	-.00072	-.00529	-.00118
#2	.01626	.00033	-.00221	-.00054	-.00110	-.00560	-.00259
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00473	-.00581	-.00006	.00043	-.00039	.00016	.00062
SDev	.00065	.00000	.00023	.00358	.00015	.00042	.00303
%RSD	13.731	.07129	378.67	825.94	37.667	263.59	487.04
#1	-.00427	-.00581	-.00022	.00296	-.00029	-.00014	-.00152
#2	-.00519	-.00581	.00010	-.00210	-.00049	.00046	.00276
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00102	.00029
SDev	.00033	.00110
%RSD	32.574	382.15
#1	-.00125	.00106
#2	-.00078	-.00049
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5330	--	--	--	--	--	--
SDev	19.19788	--	--	--	--	--	--
%RSD	.3601837	--	--	--	--	--	--
#1	5344	--	--	--	--	--	--
#2	5316	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: TWS

Primary Review: CP Date: 9/5/08 Secondary Review: TWS Date: 9/5/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-095-A	1090408	TRACE1	09/04/08	12:23		X	IR
2	STD 1 12-097-C	1090408	TRACE1	09/04/08	12:28		X	IR
3	STD 2 12-097-D	1090408	TRACE1	09/04/08	12:33		X	IR
4	STD 3 12-097-B	1090408	TRACE1	09/04/08	12:37		X	IR
5	STD 3 VER	1090408	TRACE1	09/04/08	12:43	TWS	B	CONC
6	ICV 12-095-E	1090408	TRACE1	09/04/08	12:48	TWS	Q	CONC
7	ICB 12-095-A	1090408	TRACE1	09/04/08	12:53	TWS	B	CONC
8	CRI 12-094-A	1090408	TRACE1	09/04/08	12:58	TWS	B	CONC
9	ICSA 12-094-B	1090408	TRACE1	09/04/08	13:03	TWS	Q	CONC
10	ICSAB 12-04-C	1090408	TRACE1	09/04/08	13:11	TWS	Q	CONC
11	CCV 12-093-F	1090408	TRACE1	09/04/08	13:19	TWS	Q	CONC
12	CCB 12-095-A	1090408	TRACE1	09/04/08	13:24	TWS	B	CONC
13	AD850133/PB	1090408	TRACE1	09/04/08	13:29	TWS	S	CONC
14	AD850132/LCS	1090408	TRACE1	09/04/08	13:34	TWS	S	CONC
15	AD850131/EBLK	1090408	TRACE1	09/04/08	13:39	TWS	S	CONC
16	AD850110 A540	1090408	TRACE1	09/04/08	13:44	TWS	S	CONC
17	AD850111	1090408	TRACE1	09/04/08	13:49	TWS	S	CONC
18	AD850112	1090408	TRACE1	09/04/08	13:54	TWS	S	CONC
19	AD850113	1090408	TRACE1	09/04/08	13:59	TWS	S	CONC
20	AD850114	1090408	TRACE1	09/04/08	14:04	TWS	S	CONC
21	AD850115	1090408	TRACE1	09/04/08	14:09	TWS	S	CONC
22	AD850116	1090408	TRACE1	09/04/08	14:14	TWS	S	CONC
23	CCV	1090408	TRACE1	09/04/08	14:22	TWS	Q	CONC
24	CCB	1090408	TRACE1	09/04/08	14:27	TWS	B	CONC
25	AD850117	1090408	TRACE1	09/04/08	14:32	TWS	S	CONC
26	AD850118	1090408	TRACE1	09/04/08	14:37	TWS	S	CONC
27	AD850119	1090408	TRACE1	09/04/08	14:42	TWS	S	CONC
28	AD850120	1090408	TRACE1	09/04/08	14:47	TWS	S	CONC
29	AD850121	1090408	TRACE1	09/04/08	14:52	TWS	S	CONC
30	AD850122	1090408	TRACE1	09/04/08	14:57	TWS	S	CONC
31	AD850123	1090408	TRACE1	09/04/08	15:02	TWS	S	CONC
32	AD850124	1090408	TRACE1	09/04/08	15:07	TWS	S	CONC
33	AD850124/L (1:5)	1090408	TRACE1	09/04/08	15:12	TWS	S	CONC
34	AD850124/PS	1090408	TRACE1	09/04/08	15:17	TWS	S	CONC
35	CCV	1090408	TRACE1	09/04/08	15:25	TWS	Q	CONC
36	CCB	1090408	TRACE1	09/04/08	15:30	TWS	B	CONC
37	AD850125/MS	1090408	TRACE1	09/04/08	15:35	TWS	S	CONC
38	AD850126/SD	1090408	TRACE1	09/04/08	15:41	TWS	S	CONC
39	AD850127	1090408	TRACE1	09/04/08	15:46	TWS	S	CONC
40	AD850128	1090408	TRACE1	09/04/08	15:51	TWS	S	CONC
41	AD850129	1090408	TRACE1	09/04/08	15:56	TWS	S	CONC
42	AD850130	1090408	TRACE1	09/04/08	16:13	TWS	S	CONC
43	CCV	1090408	TRACE1	09/04/08	16:21	TWS	Q	CONC
44	CCB	1090408	TRACE1	09/04/08	16:26	TWS	B	CONC
45	AD848903 A475	1090408	TRACE1	09/04/08	16:33	TWS	S	CONC
46	AD849802/(1:5) A581	1090408	TRACE1	09/04/08	16:38	TWS	S	CONC
47	AD849801/(1:10) A565	1090408	TRACE1	09/04/08	16:43	TWS	S	CONC
48	AD849798/(1:5) A561	1090408	TRACE1	09/04/08	16:48	TWS	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD849799/(1:10) A564	1090408	TRACE1	09/04/08	16:53	TWS	S	CONC
50	AD849800/(1:10)	1090408	TRACE1	09/04/08	16:58	TWS	S	CONC
51	AD849635/(1:5) A597	1090408	TRACE1	09/04/08	17:03	TWS	S	CONC
52	AD849635/L (1:25)	1090408	TRACE1	09/04/08	17:08	TWS	S	CONC
53	AD849635/PS (1:5)	1090408	TRACE1	09/04/08	17:13	TWS	S	CONC
54	AD849636/MS (1:5)	1090408	TRACE1	09/04/08	17:18	TWS	S	CONC
55	CCV	1090408	TRACE1	09/04/08	17:26	TWS	Q	CONC
56	CCB	1090408	TRACE1	09/04/08	17:31	TWS	B	CONC
57	AD849637/SD (1:5) AH9158CB	1090408	TRACE1	09/04/08	17:36	TWS	S	CONC
58	AD849873/(1:10) A601tA613	1090408	TRACE1	09/04/08	17:41	TWS	S	CONC
59	AD849874/(1:5)	1090408	TRACE1	09/04/08	17:46	TWS	S	CONC
60	AD849875/(1:5)	1090408	TRACE1	09/04/08	17:51	TWS	S	CONC
61	AD849876/(1:10)	1090408	TRACE1	09/04/08	17:56	TWS	S	CONC
62	AD849877/(1:5)	1090408	TRACE1	09/04/08	18:01	TWS	S	CONC
63	AD849879/(1:10)	1090408	TRACE1	09/04/08	18:06	TWS	S	CONC
64	AD849880/(1:5)	1090408	TRACE1	09/04/08	18:11	TWS	S	CONC
65	AD849881/(1:10)	1090408	TRACE1	09/04/08	18:16	TWS	S	CONC
66	AD849881/L (1:50)	1090408	TRACE1	09/04/08	18:21	TWS	S	CONC
67	CCV	1090408	TRACE1	09/04/08	18:29	TWS	Q	CONC
68	CCB	1090408	TRACE1	09/04/08	18:34	TWS	B	CONC
69	AD849881/PS (1:10)	1090408	TRACE1	09/04/08	18:40	TWS	S	CONC
70	AD849882/MS (1:10)	1090408	TRACE1	09/04/08	18:45	TWS	S	CONC
71	AD849883/SD (1:10)	1090408	TRACE1	09/04/08	18:50	TWS	S	CONC
72	AD849884/(1:5)	1090408	TRACE1	09/04/08	18:55	TWS	S	CONC
73	AD849885/(1:5)	1090408	TRACE1	09/04/08	19:00	TWS	S	CONC
74	AD849886/(1:10)	1090408	TRACE1	09/04/08	19:05	TWS	S	CONC
75	AD849754/(1:10) A595	1090408	TRACE1	09/04/08	19:10	TWS	S	CONC
76	AD849759/(1:20)	1090408	TRACE1	09/04/08	19:15	TWS	S	CONC
77	AD849760/(1:5)	1090408	TRACE1	09/04/08	19:21	TWS	S	CONC
78	AD850202/PB	1090408	TRACE1	09/04/08	19:29	TWS	S	CONC
79	CCV	1090408	TRACE1	09/04/08	19:36	TWS	Q	CONC
80	CCB	1090408	TRACE1	09/04/08	19:41	TWS	B	CONC
81	AD850201/CLPSL	1090408	TRACE1	09/04/08	19:46	TWS	S	CONC
82	AD850189 A656	1090408	TRACE1	09/04/08	19:51	TWS	S	CONC
83	AD850190	1090408	TRACE1	09/04/08	19:56	TWS	S	CONC
84	AD850191	1090408	TRACE1	09/04/08	20:01	TWS	S	CONC
85	AD850192	1090408	TRACE1	09/04/08	20:06	TWS	S	CONC
86	AD850193	1090408	TRACE1	09/04/08	20:11	TWS	S	CONC
87	AD850194 A713	1090408	TRACE1	09/04/08	20:16	TWS	S	CONC
88	AD850195 A716	1090408	TRACE1	09/04/08	20:21	TWS	S	CONC
89	AD850195/L (1:5)	1090408	TRACE1	09/04/08	20:26	TWS	S	CONC
90	AD850195/PS	1090408	TRACE1	09/04/08	20:32	TWS	S	CONC
91	CCV	1090408	TRACE1	09/04/08	20:40	TWS	Q	CONC
92	CCB	1090408	TRACE1	09/04/08	20:45	TWS	B	CONC
93	STD BLK	1090408	TRACE1	09/04/08	21:02		X	IR
94	STD 1	1090408	TRACE1	09/04/08	21:07		X	IR
95	STD 2	1090408	TRACE1	09/04/08	21:12		X	IR
96	STD 3	1090408	TRACE1	09/04/08	21:16		X	IR
97	STD 3 VER	1090408	TRACE1	09/04/08	21:21	TWS	B	CONC
98	ICV	1090408	TRACE1	09/04/08	21:26	TWS	Q	CONC
99	ICB	1090408	TRACE1	09/04/08	21:31	TWS	B	CONC
100	CRI	1090408	TRACE1	09/04/08	21:36	TWS	B	CONC
101	ICSA	1090408	TRACE1	09/04/08	21:41	TWS	Q	CONC
102	ICSAB	1090408	TRACE1	09/04/08	21:46	TWS	Q	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	CCV	1090408	TRACE1	09/04/08	21:54	TWS	Q	CONC
104	CCB	1090408	TRACE1	09/04/08	21:59	TWS	B	CONC
105	AD850196/MS A716	1090408	TRACE1	09/04/08	22:05	TWS	S	CONC
106	AD850197/SD	1090408	TRACE1	09/04/08	22:10	TWS	S	CONC
107	AD850198	1090408	TRACE1	09/04/08	22:15	TWS	S	CONC
108	AD850199	1090408	TRACE1	09/04/08	22:20	TWS	S	CONC
109	AD850200	1090408	TRACE1	09/04/08	22:25	TWS	S	CONC
110	AD850055/PB	1090408	TRACE1	09/04/08	22:33	TWS	S	CONC
111	AD850054/FB	1090408	TRACE1	09/04/08	22:38	TWS	S	CONC
112	AD850035 A591	1090408	TRACE1	09/04/08	22:43	TWS	S	CONC
113	AD850036	1090408	TRACE1	09/04/08	22:48	TWS	S	CONC
114	AD850037 A620	1090408	TRACE1	09/04/08	22:53	TWS	S	CONC
115	CCV	1090408	TRACE1	09/04/08	23:01	TWS	Q	CONC
116	CCB	1090408	TRACE1	09/04/08	23:06	TWS	B	CONC
117	AD850038 A643	1090408	TRACE1	09/04/08	23:11	TWS	S	CONC
118	AD850039	1090408	TRACE1	09/04/08	23:16	TWS	S	CONC
119	AD850039/L (1:5)	1090408	TRACE1	09/04/08	23:21	TWS	S	CONC
120	AD850039/PS	1090408	TRACE1	09/04/08	23:26	TWS	S	CONC
121	AD850040/MS	1090408	TRACE1	09/04/08	23:31	TWS	S	CONC
122	AD850041/SD	1090408	TRACE1	09/04/08	23:36	TWS	S	CONC
123	AD850042	1090408	TRACE1	09/04/08	23:42	TWS	S	CONC
124	AD850043 A674	1090408	TRACE1	09/04/08	23:47	TWS	S	CONC
125	AD850044	1090408	TRACE1	09/04/08	23:52	TWS	S	CONC
126	AD850045 A675	1090408	TRACE1	09/04/08	23:57	TWS	S	CONC
127	CCV	1090408	TRACE1	09/05/08	00:05	TWS	Q	CONC
128	CCB	1090408	TRACE1	09/05/08	00:10	TWS	B	CONC
129	AD850046	1090408	TRACE1	09/05/08	00:15	TWS	S	CONC
130	AD850047	1090408	TRACE1	09/05/08	00:20	TWS	S	CONC
131	AD850048	1090408	TRACE1	09/05/08	00:25	TWS	S	CONC
132	AD850049 A676	1090408	TRACE1	09/05/08	00:30	TWS	S	CONC
133	AD850050	1090408	TRACE1	09/05/08	00:35	TWS	S	CONC
134	AD850051 A678	1090408	TRACE1	09/05/08	00:40	TWS	S	CONC
135	AD850052 A679	1090408	TRACE1	09/05/08	00:47	TWS	S	CONC
136	AD850053 A680	1090408	TRACE1	09/05/08	00:52	TWS	S	CONC
137	AD850228/PB	1090408	TRACE1	09/05/08	01:00	TWS	S	CONC
138	AD850227/FB	1090408	TRACE1	09/05/08	01:05	TWS	S	CONC
139	CCV	1090408	TRACE1	09/05/08	01:13	TWS	Q	CONC
140	CCB	1090408	TRACE1	09/05/08	01:18	TWS	B	CONC
141	AD850220 A705	1090408	TRACE1	09/05/08	01:23	TWS	S	CONC
142	AD850221	1090408	TRACE1	09/05/08	01:28	TWS	S	CONC
143	AD850222 A714	1090408	TRACE1	09/05/08	01:33	TWS	S	CONC
144	AD850223	1090408	TRACE1	09/05/08	01:38	TWS	S	CONC
145	AD850224	1090408	TRACE1	09/05/08	01:43	TWS	S	CONC
146	AD850224/L (1:5)	1090408	TRACE1	09/05/08	01:48	TWS	S	CONC
147	CRI	1090408	TRACE1	09/05/08	01:59	TWS	B	CONC
148	ICSA	1090408	TRACE1	09/05/08	02:04	TWS	Q	CONC
149	ICSAB	1090408	TRACE1	09/05/08	02:09	TWS	Q	CONC
150	CCV	1090408	TRACE1	09/05/08	02:17	TWS	Q	CONC
151	CCB	1090408	TRACE1	09/05/08	02:23	TWS	B	CONC
152	AD850224/PS	1090408	TRACE1	09/05/08	02:28	TWS	S	CONC
153	AD850225/MS	1090408	TRACE1	09/05/08	02:33	TWS	S	CONC
154	AD850226/SD	1090408	TRACE1	09/05/08	02:38	TWS	S	CONC
155	AD850078/PB	1090408	TRACE1	09/05/08	02:46	TWS	S	CONC
156	AD850077/FB	1090408	TRACE1	09/05/08	02:51	TWS	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD850056 AL677	1090408	TRACE1	09/05/08	02:56	TWS	S	CONC
158	AD850057	1090408	TRACE1	09/05/08	03:01	TWS	S	CONC
159	AD850057/L (1:5)	1090408	TRACE1	09/05/08	03:06	TWS	S	CONC
160	AD850057/PS	1090408	TRACE1	09/05/08	03:11	TWS	S	CONC
161	AD850058/MS	1090408	TRACE1	09/05/08	03:16	TWS	S	CONC
162	CCV	1090408	TRACE1	09/05/08	03:24	TWS	Q	CONC
163	CCB	1090408	TRACE1	09/05/08	03:29	TWS	B	CONC
164	AD850059/SD	1090408	TRACE1	09/05/08	03:35	TWS	S	CONC
165	AD850060	1090408	TRACE1	09/05/08	03:40	TWS	S	CONC
166	AD850061	1090408	TRACE1	09/05/08	03:45	TWS	S	CONC
167	AD850062	1090408	TRACE1	09/05/08	03:50	TWS	S	CONC
168	AD850063	1090408	TRACE1	09/05/08	03:55	TWS	S	CONC
169	AD850064	1090408	TRACE1	09/05/08	04:00	TWS	S	CONC
170	AD850065	1090408	TRACE1	09/05/08	04:05	TWS	S	CONC
171	AD850066	1090408	TRACE1	09/05/08	04:10	TWS	S	CONC
172	AD850067	1090408	TRACE1	09/05/08	04:15	TWS	S	CONC
173	AD850068	1090408	TRACE1	09/05/08	04:20	TWS	S	CONC
174	CCV	1090408	TRACE1	09/05/08	04:28	TWS	Q	CONC
175	CCB	1090408	TRACE1	09/05/08	04:33	TWS	B	CONC
176	AD850069	1090408	TRACE1	09/05/08	04:38	TWS	S	CONC
177	AD850070	1090408	TRACE1	09/05/08	04:44	TWS	S	CONC
178	AD850071	1090408	TRACE1	09/05/08	04:49	TWS	S	CONC
179	AD850072	1090408	TRACE1	09/05/08	04:54	TWS	S	CONC
180	AD850073	1090408	TRACE1	09/05/08	04:59	TWS	S	CONC
181	AD850074	1090408	TRACE1	09/05/08	05:04	TWS	S	CONC
182	AD850075	1090408	TRACE1	09/05/08	05:09	TWS	S	CONC
183	AD850076	1090408	TRACE1	09/05/08	05:14	TWS	S	CONC
184	CCV	1090408	TRACE1	09/05/08	05:22	TWS	Q	CONC
185	CCB	1090408	TRACE1	09/05/08	05:27	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.12726	3.73603	18.2862	36.7417	50.357	18.818
2	As1890	-.01076	1.03398	5.21467	10.5345	.99761	.37548
3	B_2496	.00377	.36494	1.81031	3.65542	1.0044	.36989
4	Ba4934	-.00023	.6237	3.15226	6.32904	1.0064	.37662
5	Be3130	.10823	1.39728	6.52361	12.8964	.98351	.37613
6	Ca3179	.02549			36.1536	49.375	18.856
7	Cd2265	.00585	1.68966	8.52253	17.0954	.99796	.37867
8	Co2286	-.0037	.71211	3.6009	7.23259	.99775	.37539
9	Cr2677	.00231	.54989	2.79121	5.59807	.99952	.39068
10	Cu3247	.00793	.42377	2.11403	4.24714	1.0054	.37674
11	Fe2714	-.00015	.62308	3.16084	6.36025	50.086	18.944
12	K_7664	-.21516			133.592	49.647	18.260
13	Mg2790	.00123			18.8176	49.251	18.854
14	Mn2576	.00046	.3335	1.67351	3.36069	.99967	.38650
15	Na3302	.00655			2.0107	49.723	18.310
16	Ni2316	-.00993	.56922	2.8887	5.79048	.99074	.38155
17	2203/1	.01093	.47748	2.335	4.67853	.98802	.38164
18	2203/2	-.00274	2.52557	12.8114	25.6638	.99751	.38381
19	Sb2068	.00177	.16322	.83145	1.68635	1.0175	Q.39730
20	1960/1	-.04237	.29469	1.69066	3.43739	.99851	.38500
21	1960/2	.04062	.43239	2.0596	4.11402	1.0078	.38916
22	Ti3372	-.00947	.94751	4.84207	9.73184	1.0043	Q.39734
23	Tl1908	-.01525	.30385	1.63365	3.30958	1.0132	.38055
24	V_2924	.00015	.0735	.3754	.75676	1.0073	.37971
25	Zn2062	.00138	.07536	.37376	.74359	.98286	.37849
26	Sn1899	-.00169	.05386	.28266	.5711	1.0028	.38599
27	Ag3280	-.04344	.52148	2.82911	5.73253	1.0079	.38217
28	Mo2020	.004	.23928	1.19421	2.38862	.99500	.37988
29	*Y	6490.58	6442.12	6410.48	6377.1	6345.53	6255.38
30	PB2203					.99435	.38309
31	SE1960					1.0047	.38777

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01140	.19710	513.57	524.47	24.756	.06777
2	As1890	.00012	.00961	.00235	.11529	.50501	-.00057
3	B_2496	.00114	.01984	.00200	.00358	.48645	.00009
4	Ba4934	.00016	.00219	.00066	.53150	.49334	.00016
5	Be3130	.00026	.00207	.00083	.51640	.50722	.00045
6	Ca3179	.00718	.49663	528.07	547.81	25.684	.04259
7	Cd2265	-.00003	.00097	.00117	1.0618	.52414	.00012
8	Co2286	.00002	.00413	-.00069	.51543	.51018	.00019
9	Cr2677	.00027	.00462	-.00007	.54129	.53196	.00039
10	Cu3247	.00042	.01053	-.00184	.53480	.49298	-.00057
11	Fe2714	.01101	.04457	205.03	105.61	25.827	.01017
12	K_7664	.01083	.49218	.03387	.02299	24.412	.00394
13	Mg2790	.00676	.20761	525.63	530.85	25.313	.04740
14	Mn2576	.00028	.00323	.00007	.52339	.51977	.00027
15	Na3302	-.03402	.96469	-.06478	-.07835	23.766	-.18599
16	Ni2316	.00012	.00954	.00131	1.0180	.51847	.00005
17	2203/1	.00121	.00786	.03899	.09539	.52052	.00257
18	2203/2	-.00011	.00550	-.02959	.02507	.52158	.00052

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00040	.02011	.00256	.68772	.52844	.00000
20	1960/1	-.00153	.01690	-.00386	.04785	.52328	.00012
21	1960/2	-.00380	.01235	-.00386	.05441	.52948	-.00333
22	Ti3372	.00057	.00571	.00008	.00205	.52182	.00049
23	Tl1908	.00202	.02007	.00124	.11154	.52321	.00139
24	V_2924	.00022	.00561	.00047	.54629	.51170	.00021
25	Zn2062	-.00017	.01103	-.00365	1.0295	.52284	-.00011
26	Sn1899	.00162	.00751	.00505	.00501	.52998	.00098
27	Ag3280	.00000	.00343	.00059	.22157	.50171	.00031
28	Mo2020	-.00059	.00893	.00190	-.00155	.49948	.00011
29	*Y	6395.93	6469.13	5948.78	5986.95	6467.78	6560.62
30	PB2203	.00032	.00629	-.00675	.04848	.52123	.00120
31	SE1960	-.00304	.01387	-.00386	.05222	.52741	-.00218

#	Element	AD8'3/PB	AD8'/LCS	AD8'EBLK	AD850110	AD850111	AD850112
1	Al3082	.05138	.07178	.07419	13.274	3.3734	.15190
2	As1890	-.00119	1.0173	-.00143	.00128	-.00116	-.00053
3	B_2496	.00415	.08380	H.08473	.20227	.14960	.09904
4	Ba4934	.00012	.95311	H.00494	.34802	.31172	.49824
5	Be3130	.00013	.94893	.00044	.00058	.00067	.00107
6	Ca3179	.06264	.70567	H.70372	70.625	118.24	740.08
7	Cd2265	-.00004	1.0269	.00002	.00043	.00020	.00079
8	Co2286	.00026	.94505	-.00011	.00310	.00144	.00424
9	Cr2677	.00030	.98833	.00090	.01785	.01136	.00065
10	Cu3247	-.00124	.98791	.00034	.00810	.00198	-.00107
11	Fe2714	.00171	.08995	.01274	8.7605	2.1893	.06516
12	K_7664	.00780	.43777	.41158	7.5947	3.8970	3.5119
13	Mg2790	.02424	.14651	.14441	8.9221	9.6116	13.091
14	Mn2576	.00008	.99195	.00097	.47833	.43746	2.7299
15	Na3302	-.14002	1068.7	H1068.8	H1004.4	H1073.4	H1084.7
16	Ni2316	.00065	.99479	.00077	.01334	.00594	.01324
17	2203/1	-.00100	.98087	.00219	.00533	.00264	.00225
18	2203/2	.00060	.98574	.00076	.00576	.00055	.00174
19	Sb2068	.00299	1.0004	-.00026	.00228	-.00078	-.00193
20	1960/1	-.00241	1.0520	.00390	.00526	.00110	.00240
21	1960/2	.00312	1.0509	.00000	-.00080	-.00057	-.00390
22	Ti3372	.00026	.00062	.00047	.41163	.09681	.00171
23	Tl1908	-.00089	1.0140	-.00268	-.00219	-.00289	-.00036
24	V_2924	.00030	.99658	.00011	.02345	.00573	.00043
25	Zn2062	.00043	1.0242	.00717	.04738	.01403	.00684
26	Sn1899	-.00014	.00212	.00157	.00420	.00299	.00056
27	Ag3280	.00027	.96472	.00087	.00018	.00034	.00056
28	Mo2020	-.00061	.97951	-.00008	-.00100	-.00041	-.00146
29	*Y	6729	6503.78	6477.68	6688.2	6450.23	6338.25
30	PB2203	.00006	.98412	.00124	.00561	.00125	.00191
31	SE1960	.00127	1.0512	.00130	.00122	-.00001	-.00180

#	Element	AD850113	AD850114	AD850115	AD850116	CCV	CCB
1	Al3082	1.9234	.10841	1.9275	.23565	24.249	.04596
2	As1890	-.00115	-.00176	.00152	-.00047	.49238	.00066
3	B_2496	.11678	.11641	.12475	.10085	.47161	.00097
4	Ba4934	.22563	.43162	.28989	.46826	.47936	.00017
5	Be3130	.00062	.00057	.00037	.00109	.49010	.00045
6	Ca3179	57.683	268.42	121.14	844.44	24.889	.03983
7	Cd2265	.00015	.00056	.00177	.00124	.50810	.00010
8	Co2286	.00027	.00023	.00159	.00204	.49422	.00003
9	Cr2677	.00385	.00093	.13715	.00078	.51563	.00008
10	Cu3247	.00098	.00132	.96392	-.00142	.48050	-.00079
11	Fe2714	1.0829	.02481	1.1916	.14079	25.038	.00293
12	K_7664	3.0656	2.4458	3.7018	3.5436	24.005	.01392
13	Mg2790	7.4343	37.823	10.495	16.736	24.610	.02082
14	Mn2576	.15507	.55311	1.6433	2.0505	.50423	.00029
15	Na3302	H1035.8	H1061.9	H1035.1	H1077.6	23.532	-.05862
16	Ni2316	.00453	.00378	.01290	.01057	.50374	.00023
17	2203/1	.00207	.00162	.00373	-.00057	.50397	.00005
18	2203/2	.00053	.00203	.00130	.00147	.50622	.00027
19	Sb2068	.00274	.00201	-.00133	.00312	.51417	-.00065
20	1960/1	-.00010	.00476	.00647	.00296	.51510	-.00292
21	1960/2	-.00112	-.00244	-.00652	-.00137	.51198	.00168
22	Ti3372	.05313	.00108	.05265	.00431	.50679	.00056
23	Tl1908	-.00072	-.00023	-.00095	.00012	.51705	-.00017
24	V_2924	.00367	-.00019	.00322	.00033	.49708	.00041
25	Zn2062	.01989	.00825	.57082	.00991	.50477	.00018
26	Sn1899	.00101	.00189	.00055	.00214	.51650	.00126
27	Ag3280	.00093	-.00004	.00040	.00055	.48911	.00085
28	Mo2020	-.00071	-.00111	-.00092	-.00055	.48676	-.00209
29	*Y	6503.25	6388.8	6572.48	6288.3	6496.43	6576.9
30	PB2203	.00104	.00189	.00211	.00078	.50547	.00020
31	SE1960	-.00078	-.00003	-.00219	.00007	.51301	.00014

#	Element	AD850117	AD850118	AD850119	AD850120	AD850121	AD850122
1	Al3082	.18909	3.7156	.99681	.20876	4.6696	7.3503
2	As1890	-.00222	.00080	.00040	.00058	.00077	.00376
3	B_2496	.09402	.11431	.17504	.09204	.12993	.20604
4	Ba4934	.44620	.20531	.24383	.53385	.16408	.41407
5	Be3130	.00024	.00060	.00076	.00088	.00074	.00062
6	Ca3179	367.07	40.649	84.023	781.40	37.343	121.24
7	Cd2265	.00081	.00014	.00181	.00094	.00053	.00913
8	Co2286	.00205	.00108	.00263	.00091	.00150	.00946
9	Cr2677	.00142	.00489	.17547	.00172	.11621	.03851
10	Cu3247	.00359	.00284	.34560	.00118	.19568	.01248
11	Fe2714	.06262	2.3240	.76877	.10805	2.9392	4.9641
12	K_7664	2.7969	4.1454	3.6494	3.7984	4.6139	5.3486
13	Mg2790	13.655	4.1589	10.739	13.206	9.0956	19.145
14	Mn2576	1.8054	.16174	.73762	.95940	.32175	.66764
15	Na3302	H1031.8	H1023.7	H1060.3	H1062.9	H1045.1	H1047.1
16	Ni2316	.00821	.00592	.01690	.01028	.01237	.02217
17	2203/1	.00142	.00208	.00188	-.00074	.00926	.55842
18	2203/2	.00218	-.00230	.00259	.00187	.00707	.56528

#	Element	AD850117	AD850118	AD850119	AD850120	AD850121	AD850122
19	Sb2068	-.00212	.00161	.00317	-.00079	.00339	.00726
20	1960/1	.00321	.00332	.00854	.00490	.00335	.00302
21	1960/2	-.00247	.00192	.00288	.00299	.00097	-.00079
22	Ti3372	.00274	.09802	.02840	.00318	.11055	.20448
23	Tl1908	-.00002	.00053	-.00028	.00062	-.00297	-.00040
24	V_2924	.00020	.00615	.00218	.00074	.00864	.01438
25	Zn2062	.01378	.01882	.55984	.01049	.16924	1.7473
26	Sn1899	.00122	.00161	.00367	.00145	.00237	.00475
27	Ag3280	.00053	.00069	.00081	.00096	.00029	.00098
28	Mo2020	-.00116	-.00137	-.00202	.00028	-.00204	-.00211
29	*Y	6669.45	6550.43	6404.4	6429.38	6505.35	6480.45
30	PB2203	.00193	-.00084	.00235	.00100	.00780	.56300
31	SE1960	-.00057	.00239	.00477	.00363	.00176	.00048

#	Element	AD850123	AD850124	AD8'1:5)	AD8'4/PS	CCV	CCB
1	Al3082	.20519	.31870	.13857	.28607	24.238	.05742
2	As1890	-.00009	-.00027	.00050	1.0240	.49320	.00022
3	B_2496	.10771	.11397	.02451	.11265	.47011	.00273
4	Ba4934	.60253	.34666	.07022	1.3142	.48365	.00025
5	Be3130	.00125	.00108	.00060	.96608	.49450	.00071
6	Ca3179	660.30	270.61	54.028	265.65	24.883	.02888
7	Cd2265	.00102	.00173	.00027	1.0174	.50078	-.00002
8	Co2286	.11853	.04445	.00891	.99378	.49431	.00026
9	Cr2677	.00006	.00159	.00033	1.0007	.51855	-.00011
10	Cu3247	.00678	.00137	-.00119	.97052	.48457	-.00187
11	Fe2714	.10270	.14879	.03550	.22424	24.858	.00537
12	K_7664	13.058	10.102	1.5365	9.9362	Q22.240	.02873
13	Mg2790	6.7702	6.6292	1.3446	6.5974	24.813	.02537
14	Mn2576	5.4900	3.6325	.73951	4.5830	.50502	.00053
15	Na3302	H1076.6	H1055.0	258.39	H1050.6	23.469	-.05135
16	Ni2316	.12947	.03287	.00643	1.0229	.50471	.00070
17	2203/1	.00006	.00279	.00285	.99638	.50441	.00196
18	2203/2	.00141	.00178	-.00040	1.0024	.50334	.00043
19	Sb2068	.00173	.00104	.00268	1.0669	.51076	.00216
20	1960/1	.00420	.00545	.00176	1.0519	.50429	-.00459
21	1960/2	.00131	-.00287	-.00204	1.0677	.50663	-.00291
22	Ti3372	.00237	.00453	.00117	.00485	.50889	.00034
23	Tl1908	.00383	-.00061	-.00395	1.0409	.50214	.00145
24	V_2924	.00001	.00105	.00032	1.0134	.49611	.00022
25	Zn2062	.10799	.11622	.02377	1.1178	.51282	.00010
26	Sn1899	.00261	.00174	.00072	.00081	.49728	.00002
27	Ag3280	-.00001	.00111	.00097	1.0177	.49285	.00082
28	Mo2020	.00001	-.00200	-.00168	1.0138	.50252	.00068
29	*Y	6409.05	6395.4	6458.78	6362.78	6525.6	6506.18
30	PB2203	.00096	.00212	.00067	1.0004	.50369	.00094
31	SE1960	.00227	-.00009	-.00077	1.0624	.50585	-.00347

#	Element	AD8'5/MS	AD8'6/SD	AD850127	AD850128	AD850129	AD850130
1	Al3082	.29636	.26430	.93444	.97026	1.1850	.50220
2	As1890	1.0051	.98870	.00001	-.00155	-.00145	-.00030
3	B_2496	.11533	.11228	.11674	.11556	.12659	.11804
4	Ba4934	1.3000	1.2719	.36936	.54261	.49004	.41767
5	Be3130	.92782	.92115	.00097	.00129	.00115	.00055
6	Ca3179	274.76	268.78	224.46	807.10	323.15	429.29
7	Cd2265	1.0165	.98702	.00130	.00042	.00076	.00083
8	Co2286	.97451	.95590	.05630	.00053	.00211	.00184
9	Cr2677	.97727	.95401	.00143	.00120	.00180	.00088
10	Cu3247	.99797	.97493	.00396	-.00172	.00015	-.00031
11	Fe2714	.21226	.20783	.69063	.63350	.78883	.39124
12	K_7664	10.219	10.000	9.2105	3.6948	3.6161	6.9951
13	Mg2790	6.7495	6.6833	5.4152	15.104	16.927	25.133
14	Mn2576	4.6660	4.5858	2.9070	.47128	1.3686	1.6448
15	Na3302	H1068.9	H1056.8	H1059.7	H1077.7	H1085.1	H1026.1
16	Ni2316	1.0007	.98824	.04299	.00470	.00953	.00632
17	2203/1	.96871	.95494	.03694	-.00065	.00094	.00055
18	2203/2	.97770	.95877	.03662	.00014	.00400	.00213
19	Sb2068	1.0145	.99443	.00394	.00035	-.00212	.00056
20	1960/1	1.0467	1.0226	.00630	.00268	.00133	.00220
21	1960/2	1.0563	1.0305	.00036	.00273	.00198	.00436
22	Ti3372	.00334	.00226	.01839	.02504	.03291	.01097
23	Tl1908	1.0181	.98588	.00002	.00012	-.00031	-.00117
24	V_2924	1.0014	.97476	.00173	.00192	.00245	.00141
25	Zn2062	1.1080	1.0908	.03261	.00827	.02393	.01913
26	Sn1899	.00106	.00051	.00170	.00233	.00244	.00112
27	Ag3280	.98552	.96634	.00102	.00098	.00108	.00062
28	Mo2020	.97471	.96669	.00043	-.00218	-.00150	-.00271
29	*Y	6262.12	6453.38	6522.83	6248.18	6239.7	6605.4
30	PB2203	.97470	.95750	.03673	-.00012	.00298	.00160
31	SE1960	1.0531	1.0278	.00234	.00271	.00176	.00364

#	Element	CCV	CCB	AD848903	AD8'1:5)	AD8':10)	AD8'1:5)
1	Al3082	24.216	.02217	44.109	.09100	.09485	.04114
2	As1890	.48848	-.00026	.02328	.00475	.00191	.01112
3	B_2496	.47116	.00102	.03754	.09629	1.1891	.94151
4	Ba4934	.47660	.00022	.24223	.01214	.01764	.19974
5	Be3130	.48856	.00016	.00269	.00040	.00055	.00021
6	Ca3179	24.740	.02276	198.48	19.506	7.7400	27.004
7	Cd2265	.50792	.00009	.00007	-.00042	-.00008	-.00029
8	Co2286	.49461	-.00038	.03332	.00306	.00063	.00547
9	Cr2677	.51607	-.00025	.05674	.00015	.00267	.00693
10	Cu3247	.47922	-.00106	.08755	-.00077	.01910	-.00133
11	Fe2714	24.949	.00352	90.281	.25265	1.8445	20.056
12	K_7664	24.045	.03964	6.3742	2.2891	15.408	62.942
13	Mg2790	24.617	.01325	54.245	14.091	4.5691	17.910
14	Mn2576	.50379	.00013	3.2911	.27379	.05993	.08621
15	Na3302	23.376	-.00523	1.0135	180.32	148.43	177.88
16	Ni2316	.50310	-.00030	.07236	.00484	.02144	.02303
17	2203/1	.50667	.00200	.07557	.00077	.00912	.00400
18	2203/2	.50201	-.00158	.06380	.00083	.00593	.00063

#	Element	CCV	CCB	AD848903	AD8'1:5)	AD8':10)	AD8'1:5)
19	Sb2068	.51339	.00178	.00180	-.00059	.00243	.00228
20	1960/1	.50784	-.00125	-.00275	-.00340	-.00194	-.00043
21	1960/2	.51805	.00138	.00033	-.00151	.00004	-.00090
22	Ti3372	.50691	.00058	1.4115	.00113	.00166	.00507
23	Tl1908	.51441	-.00032	-.00079	-.00146	-.00472	-.00196
24	V_2924	.49605	-.00019	.09627	.00011	.00153	.01389
25	Zn2062	.50810	.00017	.22581	.01572	.04101	.00430
26	Sn1899	.50730	.00180	.04087	.00152	.00161	.00185
27	Ag3280	.48910	.00071	.00028	.00026	.00101	.00028
28	Mo2020	.48748	-.00088	.00161	.00693	-.00040	-.00280
29	*Y	6422.25	6619.28	6183.38	6581.85	6424.43	6547.35
30	PB2203	.50356	-.00039	.06772	.00081	.00699	.00175
31	SE1960	.51464	.00050	-.00069	-.00214	-.00062	-.00074

#	Element	AD8':10)	AD8':10)	AD8'1:5)	AD8':25)	AD8'1:5)	AD8'1:5)
1	Al3082	.03138	.03886	27.513	5.9317	48.201	34.889
2	As1890	.00383	.00149	1.3630	.29116	1.8184	1.3913
3	B_2496	1.3805	1.5761	.14409	.03401	.52147	.22734
4	Ba4934	.08964	.05628	2.0956	.44438	2.5822	2.6307
5	Be3130	.00005	.00008	.00318	.00125	.38912	.08787
6	Ca3179	5.7111	8.4868	34.702	7.4570	55.833	39.218
7	Cd2265	-.00032	-.00024	.05466	.01190	.46017	.14085
8	Co2286	.00736	.00487	.20255	.04331	.60386	.30654
9	Cr2677	.01613	.00903	.16641	.03159	.56989	.26466
10	Cu3247	.00765	.00122	.74871	.15714	1.1752	.92020
11	Fe2714	.70562	.65385	62.632	13.571	85.945	72.974
12	K_7664	55.645	63.822	23.357	5.0165	44.239	30.922
13	Mg2790	16.530	27.736	20.392	4.3133	40.770	26.859
14	Mn2576	.00931	.01809	H148.26	H51.400	H154.58	H158.06
15	Na3302	219.93	205.54	4.7421	.86583	23.933	9.2549
16	Ni2316	.06393	.03794	.33250	.07445	.73646	.43057
17	2203/1	.00225	.00183	3.4434	.74741	3.9757	3.8020
18	2203/2	-.00041	-.00024	3.4463	.74431	3.9842	3.8319
19	Sb2068	.00062	.00127	.01564	.00653	.42585	.06198
20	1960/1	.00161	.00605	.06894	.00190	.45748	.15576
21	1960/2	-.00109	-.00111	.05228	.00416	.46267	.14406
22	Ti3372	.02628	.01515	1.2479	.26740	1.7113	1.4197
23	Tl1908	-.00109	-.00215	.00515	.02733	.41831	.07529
24	V_2924	.01406	.00619	.24327	.05199	.65752	.34226
25	Zn2062	.03177	.05114	4.5825	1.0106	5.1316	4.7818
26	Sn1899	.00021	.00280	.03116	.00811	.39759	.11480
27	Ag3280	.00070	.00060	-.00392	-.00065	.08993	.01617
28	Mo2020	-.00037	-.00217	.08603	.02005	.49010	.14747
29	*Y	6565.8	6579.08	6896.25	6559.88	6420.9	6553.65
30	PB2203	.00047	.00044	3.4453	.74534	3.9814	3.8220
31	SE1960	-.00019	.00127	.05783	.00340	.46094	.14796

#	Element	CCV	CCB	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)
1	Al3082	24.074	.02979	30.557	8.9919	29.635	18.983
2	As1890	.49371	.00053	1.5082	.02548	.04005	.04182
3	B_2496	.46854	.00232	.19893	.01825	.05888	.05176
4	Ba4934	.48183	.00035	2.2561	.10242	.39082	.21385
5	Be3130	.49598	.00026	.07736	.00161	.00444	.00245
6	Ca3179	24.769	.01587	32.250	59.958	158.68	123.73
7	Cd2265	.49975	.00009	.13174	.00104	.00145	.03527
8	Co2286	.49440	-.00027	.28019	.00555	.00811	.01132
9	Cr2677	.51772	.00025	.22319	.12713	.10883	.28264
10	Cu3247	.48222	-.00083	.79226	16.487	.17981	.41944
11	Fe2714	24.710	.00171	64.826	46.185	67.906	78.951
12	K_7664	Q22.047	.04329	27.537	.75209	2.5149	1.8646
13	Mg2790	24.798	.01549	22.679	10.026	27.542	23.475
14	Mn2576	.51657	H.01346	H147.94	4.8018	7.8434	5.4881
15	Na3302	23.528	.00173	8.1005	.03287	.85557	.75058
16	Ni2316	.50458	-.00042	.39894	.11895	.05087	.07067
17	2203/1	.50313	.00210	3.2479	.77196	.45077	2.0993
18	2203/2	.50292	-.00137	3.2507	.77033	.44582	2.1323
19	Sb2068	.51017	.00242	.05775	.01807	.00563	-.00014
20	1960/1	.50041	-.00006	.14283	-.00017	.00194	-.00119
21	1960/2	.51087	-.00027	.13557	.00014	.00641	.00341
22	Ti3372	.50632	.00079	1.3732	.33481	.87841	.78200
23	Tl1908	.49883	-.00404	.08834	-.00132	.00477	.00304
24	V_2924	.49516	.00041	.33511	.07235	.05518	.09782
25	Zn2062	.51753	.00027	4.4979	.78773	.83316	4.2003
26	Sn1899	.49078	.00086	.10487	.90918	.01959	.02172
27	Ag3280	.49091	.00086	.01114	.00318	.00061	.00143
28	Mo2020	.50357	-.00158	.22581	.00069	.00369	.00885
29	*Y	6494.85	6604.88	6826.35	6642.45	6548.7	6637.43
30	PB2203	.50299	-.00021	3.2498	.77087	.44747	2.1213
31	SE1960	.50737	-.00020	.13799	.00003	.00492	.00187

#	Element	AD8':10)	AD8'1:5)	AD8':10)	AD8'1:5)	AD8':10)	AD8':50)
1	Al3082	8.5065	14.598	6.0556	24.765	8.0401	1.5902
2	As1890	.01461	.12088	.02246	.04773	.03114	.00621
3	B_2496	.03898	.03468	.02014	.05696	.03018	.00794
4	Ba4934	.11109	.19497	.09751	.27493	.09269	.01819
5	Be3130	.00127	.00216	.00093	.00412	.00167	.00037
6	Ca3179	98.485	102.93	46.220	143.23	83.302	16.410
7	Cd2265	.00050	.00431	.00035	.00141	.00274	.00051
8	Co2286	.00415	.00885	.00351	.01095	.00500	.00134
9	Cr2677	.87944	.28861	.13846	.19749	.12329	.02417
10	Cu3247	.33510	.35954	.02675	.16271	.10987	.02028
11	Fe2714	105.46	110.66	26.786	106.02	82.660	16.259
12	K_7664	.47673	1.2076	.55587	1.8386	.60347	.12597
13	Mg2790	21.285	18.611	29.985	28.449	16.282	3.2398
14	Mn2576	H22.218	8.5253	6.3424	7.0727	6.5353	1.3141
15	Na3302	.25216	.51451	-.10555	.33405	.25734	-.05923
16	Ni2316	.03410	.04472	.00970	.04303	.02979	.00560
17	2203/1	.14143	.60467	.07901	.40660	.19289	.03806
18	2203/2	.13949	.60033	.07757	.40069	.19104	.03735

#	Element	AD8':10)	AD8'1:5)	AD8':10)	AD8'1:5)	AD8':10)	AD8':50)
19	Sb2068	.00329	.00562	-.00240	.00090	.00282	-.00016
20	1960/1	-.00214	-.00007	-.00305	-.00467	.00190	.00306
21	1960/2	.00213	.00428	-.00398	.00244	-.00231	.00085
22	Ti3372	1.4680	.74421	.51376	.92485	.72807	.14352
23	Tl1908	.00754	.00539	.00269	-.00039	.00178	-.00123
24	V_2924	.49872	.13181	.08489	.11518	.13817	.02684
25	Zn2062	.13445	.75276	.11056	.38614	.29198	.05947
26	Sn1899	.01754	.05184	.00791	.02500	.01429	.00201
27	Ag3280	.00035	.00057	.00040	.00079	.00076	.00014
28	Mo2020	.01103	.00932	.00010	.00521	.00536	-.00081
29	*Y	6436.8	6798.98	6665.78	6503.33	6549.75	6633.15
30	PB2203	.14014	.60178	.07805	.40266	.19165	.03759
31	SE1960	.00071	.00283	-.00367	.00007	-.00090	.00159

#	Element	CCV	CCB	AD8':10)	AD8':10)	AD8':10)	AD8'1:5)
1	Al3082	23.918	-.01076	26.623	12.098	12.834	16.276
2	As1890	.49112	-.00083	.42345	.08371	.06918	.02003
3	B_2496	.47057	.00110	.39994	.06324	.06764	.03341
4	Ba4934	.48375	.00032	.46939	.14749	.18381	.12699
5	Be3130	.50208	.00009	.39318	.04522	.04168	.00130
6	Ca3179	24.738	.00856	101.88	73.062	67.433	87.301
7	Cd2265	.49914	-.00043	.40022	.04564	.04131	.00005
8	Co2286	.49572	-.00009	.39741	.04855	.04510	.00856
9	Cr2677	.51989	.00034	.51807	.11234	.08843	.41131
10	Cu3247	.48324	-.00008	.49147	.18238	.13717	.77409
11	Fe2714	24.642	.00111	99.971	69.135	58.392	105.90
12	K_7664	Q21.754	.04975	18.831	2.7327	2.9227	1.3332
13	Mg2790	24.872	.00081	35.951	15.054	14.196	17.369
14	Mn2576	.50154	.00031	6.8247	3.6623	3.6951	11.151
15	Na3302	23.374	-.03325	18.845	2.2070	2.0710	.08014
16	Ni2316	.50617	.00016	.41813	.08371	.07294	.03884
17	2203/1	.50455	.00044	.58124	.25126	.20522	.17241
18	2203/2	.50652	-.00099	.57854	.24656	.19965	.16568
19	Sb2068	.50725	.00017	.40352	.02735	.02660	.00858
20	1960/1	.49320	-.00425	.38882	.03025	.03251	-.00039
21	1960/2	.51130	.00157	.39992	.03314	.03294	.00173
22	Ti3372	.50590	.00080	1.1082	.45120	.48739	.81212
23	Tl1908	.48985	-.00280	.40044	.04378	.03984	.00435
24	V_2924	.49408	.00011	.53178	.09586	.07157	.19731
25	Zn2062	.52322	.00200	.69480	.33751	.25708	.32015
26	Sn1899	.48688	.00260	.36650	.05420	.04639	.03934
27	Ag3280	.49071	.00001	.09581	.01051	.00927	.00000
28	Mo2020	.50636	-.00005	.41050	.04593	.04221	.00551
29	*Y	6530.85	6617.63	6619.35	6627.08	6666.83	6514.2
30	PB2203	.50587	-.00051	.57944	.24813	.20150	.16792
31	SE1960	.50526	-.00036	.39622	.03217	.03280	.00102

#	Element	AD8'1:5)	AD8':10)	AD8':10)	AD8':20)	AD8'1:5)	AD8'2/PB
1	Al3082	12.898	9.6338	7.7736	.25180	3.5245	.04173
2	As1890	.02412	.02397	.02269	.00260	.00221	-.00146
3	B_2496	.03282	.03583	.02165	.10860	.10177	.00147
4	Ba4934	.14752	.32066	.05863	.01667	.02277	.00012
5	Be3130	.00161	.00160	.00084	.00083	.00042	.00135
6	Ca3179	48.897	53.515	121.12	.67309	55.863	.07315
7	Cd2265	-.00020	.01046	-.00006	.00006	-.00027	-.00011
8	Co2286	.01359	.00626	.00996	.00211	.00163	-.00070
9	Cr2677	.12362	.23332	.01642	2.0498	.00802	.00082
10	Cu3247	.11031	.39670	.03778	.13916	.00291	.00037
11	Fe2714	170.50	62.589	26.483	14.849	6.3820	.00917
12	K_7664	2.2879	.72025	1.6458	10.321	3.2221	.04983
13	Mg2790	6.2390	8.6477	34.479	.12037	14.634	.00309
14	Mn2576	4.4428	8.5433	1.1140	.09255	.14201	.00037
15	Na3302	.13295	.03409	6.7586	279.80	137.81	-.08673
16	Ni2316	.06013	.06009	.03438	.03332	.00722	-.00103
17	2203/1	.17977	.91212	.01742	.04117	.00327	.00179
18	2203/2	.17345	.90812	.01594	.04045	.00275	.00160
19	Sb2068	.00377	.00439	.00181	.00007	.00064	-.00012
20	1960/1	-.00221	-.00190	-.00048	.00163	-.00014	-.00174
21	1960/2	.00371	-.00002	.00112	-.00484	-.00355	.00462
22	Ti3372	.34848	.59026	.09422	.01707	.14210	.00087
23	Tl1908	.00339	.00469	-.00017	.00084	.00133	-.00050
24	V_2924	.07096	.09086	.02110	.00668	.00861	.00060
25	Zn2062	.45410	1.5155	.10707	.04541	.02219	.00743
26	Sn1899	.02328	.03785	.00300	.00350	.00099	H.04066
27	Ag3280	.00021	.00035	.00012	.00049	.00046	.00012
28	Mo2020	.00360	.00317	.01366	3.5832	.00437	.00061
29	*Y	6639.3	6683.25	6604.58	6654.38	6687.15	5862.08
30	PB2203	.17556	.90946	.01643	.04069	.00292	.00166
31	SE1960	.00173	-.00064	.00058	-.00268	-.00241	.00250

#	Element	CCV	CCB	AD8'LPSL	AD850189	AD850190	AD850191
1	Al3082	23.809	.00944	85.591	32.457	32.006	42.549
2	As1890	.49641	-.00156	1.4121	.17659	.22277	.07089
3	B_2496	.47089	.00087	1.3527	.06538	.07396	.05596
4	Ba4934	.47253	.00005	2.2754	.63538	.95241	.52672
5	Be3130	.50238	.00039	1.2566	.00453	.00508	.00480
6	Ca3179	24.857	.00548	101.68	341.74	453.24	272.39
7	Cd2265	.50936	-.00017	1.1394	.00619	.01510	.00279
8	Co2286	.49879	-.00030	1.4422	.06207	.06480	.05579
9	Cr2677	.52060	.00028	2.4977	.10330	.12603	.09555
10	Cu3247	.47637	-.00091	1.6072	1.7231	1.8072	.52938
11	Fe2714	24.929	-.00129	158.11	346.79	353.93	135.18
12	K_7664	23.810	.00719	50.469	5.7127	5.2656	6.7732
13	Mg2790	24.983	.00305	49.196	106.52	139.33	85.151
14	Mn2576	.50364	.00029	5.3739	3.7730	4.0956	3.5502
15	Na3302	22.997	-.00862	7.9627	.99443	1.3320	.65819
16	Ni2316	.50996	.00008	1.3403	.16223	.16940	.13501
17	2203/1	.51084	.00137	1.8072	3.3597	4.4251	1.0706
18	2203/2	.50657	.00163	1.7986	3.3685	4.4381	1.0697

#	Element	CCV	CCB	AD8'LPSL	AD850189	AD850190	AD850191
19	Sb2068	.51264	-.00001	.65957	.09337	.08163	.00920
20	1960/1	.50616	-.00076	1.0261	.00613	.00407	.00720
21	1960/2	.51899	-.00062	1.0547	.01443	.01026	.00628
22	Ti3372	.50462	.00032	5.2950	1.4025	1.5082	1.2552
23	Tl1908	.51418	-.00032	1.7248	.00385	.00131	.00218
24	V_2924	.49570	-.00039	1.2732	.12055	.10848	.09199
25	Zn2062	.52463	.00182	3.1405	3.8559	6.1060	1.3644
26	Sn1899	.50539	.00126	1.0719	.23273	.18913	.06778
27	Ag3280	.48525	-.00070	.89657	.00130	.00129	.00047
28	Mo2020	.50214	.00013	1.2334	.01581	.02053	.01067
29	*Y	6612	6579.75	6376.65	6344.03	6106.2	6254.62
30	PB2203	.50799	.00154	1.8015	3.3655	4.4338	1.0700
31	SE1960	.51471	-.00066	1.0452	.01166	.00820	.00659

#	Element	AD850192	AD850193	AD850194	AD850195	AD8'1:5)	AD8'5/PS
1	Al3082	57.023	28.536	45.201	33.163	6.4632	53.595
2	As1890	.09001	.07426	.03102	.08668	.01565	.52888
3	B_2496	.06538	.10952	.06006	.07742	.01586	.49891
4	Ba4934	.70976	.54997	.42120	.74295	.14148	1.1487
5	Be3130	.00604	.00204	.00315	.00378	.00086	.45171
6	Ca3179	300.42	260.34	23.550	455.64	86.150	463.41
7	Cd2265	.00449	.00694	.00269	.00977	.00170	.45102
8	Co2286	.07365	.07017	.03365	.04706	.00927	.48412
9	Cr2677	.13426	.17147	.10418	.17623	.03457	.62289
10	Cu3247	.69111	.91455	.03494	.93267	.17458	1.3394
11	Fe2714	180.70	334.89	128.30	267.91	52.330	280.70
12	K_7664	7.7912	5.5440	6.9100	5.2852	1.0023	27.505
13	Mg2790	87.005	98.570	14.865	218.31	41.831	233.90
14	Mn2576	5.1644	4.8934	4.3201	5.2262	1.0227	5.4871
15	Na3302	.92851	.77545	.73390	.88300	.05484	22.560
16	Ni2316	.21538	.17053	.06298	.17588	.03453	.60762
17	2203/1	1.5447	1.8399	.49476	2.5811	.50417	2.9389
18	2203/2	1.5437	1.8497	.48924	2.5921	.51905	2.9505
19	Sb2068	.01589	.02774	-.00076	.03537	.00947	.49021
20	1960/1	.00089	-.00138	-.00225	.00309	.00339	.44468
21	1960/2	.01406	.00908	.00150	.00705	.00475	.45632
22	Ti3372	1.6695	.83859	1.0884	.93337	.19076	1.3549
23	Tl1908	.00004	.00241	.00051	-.00119	-.00015	.43347
24	V_2924	.11899	.10629	.13780	.08811	.01710	.53850
25	Zn2062	1.8647	2.2679	1.3469	2.2740	.46025	2.6415
26	Sn1899	.08783	.17481	.02437	.15112	.02991	.54331
27	Ag3280	.00036	.00111	-.00034	.00120	.00014	.11078
28	Mo2020	.01539	.02301	.00242	.01852	.00483	.47835
29	*Y	6107.18	6819.75	6730.05	6102.38	6541.35	6059.92
30	PB2203	1.5440	1.8465	.49107	2.5884	.51409	2.9466
31	SE1960	.00967	.00559	.00025	.00573	.00430	.45243

#	Element	CCV	CCB	STD BLK	STD 1	STD 2	STD 3
1	Al3082	23.842	.00402	.12587	3.62152	17.1721	34.5459
2	As1890	.49822	-.00227	-.00818	1.03187	5.07944	10.2381
3	B_2496	.47134	.00126	.00585	.35248	1.72894	3.48578
4	Ba4934	.47451	.00013	-.0006	.60413	2.95835	5.9499
5	Be3130	.50716	.00026	.10988	1.38922	6.36963	12.6086
6	Ca3179	24.947	.02180	.02739			34.9864
7	Cd2265	.50644	-.00012	.00112	1.72739	8.35593	16.609
8	Co2286	.49948	.00014	-.00713	.7126	3.51422	7.01975
9	Cr2677	.52201	.00039	.00217	.55601	2.7139	5.43486
10	Cu3247	.47760	-.00037	.0051	.40623	1.97516	3.97371
11	Fe2714	24.959	.01660	-.00195	.6243	3.05547	6.12313
12	K_7664	23.734	-.00979	-.1893			127.18
13	Mg2790	24.981	.00957	.00202			18.2448
14	Mn2576	.50517	.00035	.00097	.33051	1.61184	3.22619
15	Na3302	22.915	-.07809	-.00022			1.88834
16	Ni2316	.51066	.00009	-.00908	.57108	2.82931	5.65357
17	2203/1	.50881	.00127	.02079	.48252	2.28362	4.5726
18	2203/2	.50827	.00003	.00569	2.52324	12.4448	24.9195
19	Sb2068	.50759	.00057	.00187	.16343	.80592	1.62345
20	1960/1	.50525	-.00429	-.03872	.29031	1.6223	3.31603
21	1960/2	.51783	-.00277	.02898	.44178	2.00851	4.00533
22	Ti3372	.50398	.00056	-.00833	.93225	4.60964	9.27241
23	Tl1908	.50099	-.00204	-.01478	.30307	1.57643	3.19906
24	V_2924	.49524	.00000	0	.07316	.36007	.72395
25	Zn2062	.52380	.00187	.00142	.07758	.37401	.74149
26	Sn1899	.50455	.00035	-.00014	.05337	.27203	.54655
27	Ag3280	.48605	-.00025	-.04653	.50233	2.65247	5.39049
28	Mo2020	.50291	-.00111	.00149	.24017	1.17315	2.33797
29	*Y	6601.95	6660.15	6661.28	6669.9	6780.45	6727.58
30	PB2203	.50845	.00044				
31	SE1960	.51363	-.00328				

#	Element	STD' VER	ICV	ICB	CRI	ICSA	ICSAB
1	Al3082	49.964	19.244	.02465	.21050	517.77	537.77
2	As1890	.99386	.38301	-.00039	.01021	-.00034	.11506
3	B_2496	1.0028	.37931	.00197	.02171	.00292	.00499
4	Ba4934	.99727	.38308	.00031	.00220	.00066	.54262
5	Be3130	.98894	.39165	.00026	.00213	.00052	.52416
6	Ca3179	49.639	19.607	.00689	.50680	535.82	555.43
7	Cd2265	.98397	.39021	.00025	.00122	.00008	1.0419
8	Co2286	.99181	.38633	.00072	.00442	.00032	.51530
9	Cr2677	.99261	Q.40352	.00104	.00490	-.00019	.54048
10	Cu3247	.99881	.38674	.00051	.01054	-.00208	.55082
11	Fe2714	49.639	19.548	.02252	.06012	204.87	105.40
12	K_7664	49.976	19.068	-.00378	.47726	.00289	.00162
13	Mg2790	49.579	19.600	.00838	.21048	528.75	540.44
14	Mn2576	.99216	Q.39625	.00012	.00312	-.00002	.52661
15	Na3302	49.993	18.804	.09578	1.1804	.06037	.14857
16	Ni2316	.98659	Q.39448	.00045	.01062	.00049	1.0186
17	2203/1	.99404	.39504	.00107	.00435	.03157	.09155
18	2203/2	.99747	.39788	.00024	.00536	-.02722	.02463

#	Element	STD' VER	ICV	ICB	CRI	ICSA	ICSAB
19	Sb2068	1.0003	Q.40622	.00075	.02249	-.00411	.68183
20	1960/1	1.0035	.39944	-.00438	.01329	-.00814	.05382
21	1960/2	.99163	.39688	-.00092	.01631	.00445	.05435
22	Ti3372	.99697	Q.40701	.00034	.00551	.00010	.00199
23	Tl1908	1.0046	Q.39471	-.00183	.02052	-.00356	.10619
24	V_2924	.99789	.39074	.00040	.00589	.00048	.54850
25	Zn2062	.98659	Q.39572	-.00030	.01099	-.00336	1.0234
26	Sn1899	1.0078	Q.40094	-.00235	.00650	.00293	.00264
27	Ag3280	.99915	.38855	.00053	.00328	.00082	.22724
28	Mo2020	.98724	.39240	.00143	.01252	-.00221	.00033
29	*Y	6721.58	6522.83	6620.62	6666	6202.58	6024.23
30	PB2203	.99633	Q.39693	.00052	.00502	-.00764	.04692
31	SE1960	.99557	Q.39773	-.00207	.01531	.00025	.05417

#	Element	CCV	CCB	AD8'6/MS	AD8'7/SD	AD850198	AD850199
1	Al3082	25.180	.03495	66.453	52.487	38.703	23.853
2	As1890	.50031	-.00119	.56035	.61902	.17510	.04675
3	B_2496	.49443	.00059	.53340	.58543	.08215	.15151
4	Ba4934	.49900	.00011	1.5151	1.8689	.71783	.29078
5	Be3130	.51196	.00034	.45805	.48025	.00530	.00310
6	Ca3179	25.801	.02471	450.53	723.16	82.758	H1024.2
7	Cd2265	.51000	.00019	.45538	.47918	.01170	.00155
8	Co2286	.50530	.00042	.50931	.53416	.07956	.04563
9	Cr2677	.52851	.00042	.60735	.72361	.18733	1.7490
10	Cu3247	.50458	-.00039	1.7629	1.8821	1.7314	.44480
11	Fe2714	25.555	.02380	498.87	324.77	356.56	201.38
12	K_7664	24.941	-.01498	28.237	29.098	4.9282	10.606
13	Mg2790	25.684	.02448	175.74	341.69	31.509	417.49
14	Mn2576	.51816	.00013	7.2058	8.6705	4.2003	4.3030
15	Na3302	24.565	.01406	24.138	25.708	.94041	1.6168
16	Ni2316	.51618	.00002	.64756	.73238	.30380	.30121
17	2203/1	.51668	-.00162	4.2221	4.8327	3.7504	2.3313
18	2203/2	.51966	-.00130	4.2410	4.8868	3.7720	2.3508
19	Sb2068	.52070	.00142	.39473	.50293	.07386	.00472
20	1960/1	.52698	-.00162	.41441	.46618	.00270	-.00359
21	1960/2	.51774	.00219	.42248	.47388	.02483	.00001
22	Ti3372	.52255	.00026	1.8659	1.5639	1.4307	.30936
23	Tl1908	.52194	-.00080	.43887	.45948	.00323	.00057
24	V_2924	.50986	.00009	.58573	.60239	.13276	.13700
25	Zn2062	.51290	.00142	3.8054	4.4387	3.2993	.38976
26	Sn1899	.52904	-.00153	.73318	.77936	.25394	.02951
27	Ag3280	.51117	.00074	.11964	.12696	.00291	.00212
28	Mo2020	.49813	-.00042	.46110	.50366	.02975	.15463
29	*Y	6534.83	6581.18	5869.8	5578.35	5840.55	6589.05
30	PB2203	.51867	-.00141	4.2347	4.8688	3.7648	2.3443
31	SE1960	.52081	.00092	.41979	.47131	.01745	-.00118

#	Element	AD850200	AD8'5/PB	AD8'4/FB	AD850035	AD850036	AD850037
1	Al3082	32.735	.05006	10.144	.51697	.06244	1.0021
2	As1890	.08259	-.00085	.21220	-.00025	-.00001	.00257
3	B_2496	.18305	.00727	.20461	.09906	.03192	.42888
4	Ba4934	.30885	.00011	.20257	.12427	.16860	.13003
5	Be3130	.00519	.00007	.20450	.00052	.00039	.00027
6	Ca3179	H1213.3	.18174	10.397	87.115	196.94	144.48
7	Cd2265	.00113	.00020	.20729	.00003	.00028	.00011
8	Co2286	.04954	.00020	.20646	.00263	.00464	.00124
9	Cr2677	.07990	-.00035	.20597	.00060	.00023	.00166
10	Cu3247	.22664	-.00093	.20323	.00025	-.00102	.00057
11	Fe2714	173.03	.03639	10.378	22.908	.12781	1.5856
12	K_7664	15.130	-.01441	10.290	2.6294	1.3310	7.7900
13	Mg2790	417.82	.04071	10.263	12.005	18.898	20.646
14	Mn2576	3.3518	H.00042	.20635	.15416	.30988	.20499
15	Na3302	2.2070	.06772	9.9630	83.897	36.842	85.449
16	Ni2316	.10755	.00066	.20635	.00230	.00585	.00897
17	2203/1	.52826	-.00314	.20833	-.00244	-.00069	.00106
18	2203/2	.53635	.00075	.20903	-.00059	-.00072	.00062
19	Sb2068	.00433	-.00070	.21253	-.00007	-.00226	-.00054
20	1960/1	-.00389	-.00107	.21421	-.00887	-.00421	.00219
21	1960/2	.00399	.00395	.20619	.00263	.00427	.00340
22	Ti3372	.43358	.00025	.20606	.00097	.00085	.01756
23	Tl1908	-.00235	.00009	.20893	-.00174	-.00100	-.00062
24	V_2924	.08361	.00009	.20500	.00282	.00081	.00755
25	Zn2062	.39452	.00226	.20302	.00821	.00245	.03716
26	Sn1899	.04703	-.00135	.21362	-.00085	-.00270	-.00231
27	Ag3280	.00162	.00083	.05160	.00103	.00113	.00094
28	Mo2020	.00817	-.00011	.20318	.00101	.00075	.00798
29	*Y	5973.45	6699.3	6665.18	6612.08	6717.98	6626.62
30	PB2203	.53365	-.00054	.20879	-.00121	-.00071	.00077
31	SE1960	.00136	.00227	.20886	-.00119	.00144	.00300

#	Element	CCV	CCB	AD850038	AD850039	AD8'1:5)	AD8'9/PS
1	Al3082	24.195	.04161	.05467	k.13859	.06693	k12.207
2	As1890	.48753	-.00108	-.00038	k.05153	.00813	k.27580
3	B_2496	.47692	.00070	2.6094	22.482	4.0333	20.929
4	Ba4934	.47785	.00005	.02529	3.6655	.66103	3.5865
5	Be3130	.48824	.00041	.00064	k.00411	.00114	k.19993
6	Ca3179	24.654	.01324	616.53	C.00000	735.21	C.00000
7	Cd2265	.49145	.00026	.01985	k.00179	.00028	k.19978
8	Co2286	.48524	.00043	.00070	k.00268	.00077	k.20335
9	Cr2677	.50477	.00031	.00030	k.03448	.00684	k.23848
10	Cu3247	.48324	-.00048	-.00159	k-.00185	-.00210	k.24883
11	Fe2714	24.569	.00653	.10450	k11.379	2.1652	k20.798
12	K_7664	24.239	-.00768	49.794	C.00000	H509.18	C.00000
13	Mg2790	24.563	.00785	364.92	978.26	195.22	912.22
14	Mn2576	.49607	.00003	.00816	k1.2811	.24172	k1.3863
15	Na3302	23.727	.06391	271.10	k2917.1	H951.12	k2783.8
16	Ni2316	.49639	-.00023	.00897	k.03496	.00735	k.22331
17	2203/1	.49922	.00049	-.00117	k-.00707	-.00176	k.19773
18	2203/2	.49530	-.00053	-.00018	k-.00101	-.00182	k.20686

#	Element	CCV	CCB	AD850038	AD850039	AD8'1:5)	AD8'9/PS
19	Sb2068	.49870	-.00201	-.00064	k.01158	-.00156	k.25117
20	1960/1	.51066	-.00575	.00264	k.00332	-.00085	k.23813
21	1960/2	.49530	.00269	-.00159	k-.00153	-.00147	k.22905
22	Ti3372	.50183	.00006	.00047	k.02713	.00493	k.24898
23	Tl1908	.50619	-.00188	.00137	k-.00006	-.00456	k.20720
24	V_2924	.48895	.00000	.00000	k.01098	.00230	k.22781
25	Zn2062	.48822	.00173	.11160	k.07582	.01510	k.25665
26	Sn1899	.51180	-.00097	-.00195	k-.00618	-.00269	k.18312
27	Ag3280	.49131	.00078	.00118	k.00097	.00072	k.06359
28	Mo2020	.47624	.00093	.00007	k.00543	.00060	k.21255
29	*Y	6710.1	6570	6475.73	5091.75	6125.1	5396.55
30	PB2203	.49661	-.00018	-.00051	k-.00303	-.00180	k.20382
31	SE1960	.50042	-.00012	-.00018	k.00008	-.00126	k.23207

#	Element	AD8'0/MS	AD8'1/SD	AD850042	AD850043	AD850044	AD850045
1	Al3082	k13.735	k12.914	.06359	.06058	.07500	.06887
2	As1890	k.31314	k.29497	.00147	.00125	.00075	.00120
3	B_2496	23.636	22.362	.29190	.73157	.74406	.03909
4	Ba4934	4.0575	3.8288	.02978	.09571	.09850	.14627
5	Be3130	k.22365	k.20929	.00038	.00031	.00050	.00052
6	Ca3179	C.00000	C.00000	175.35	138.87	145.07	145.40
7	Cd2265	k.22163	k.20834	.00080	.00009	.00004	.00001
8	Co2286	k.22656	k.21383	.00065	.00031	.00070	.00101
9	Cr2677	k.26910	k.25094	.00028	.00159	.00067	.00071
10	Cu3247	k.27882	k.26170	-.00144	-.00157	-.00135	-.00058
11	Fe2714	k23.478	k22.330	.00957	-.00099	.00800	.01357
12	K_7664	C.00000	C.00000	4.3985	14.659	15.289	3.6152
13	Mg2790	H1021.4	965.82	149.32	98.864	103.88	43.000
14	Mn2576	k1.5678	k1.4766	.00064	.00003	.00118	.00066
15	Na3302	k2977.1	k2881.9	55.151	74.526	77.463	12.987
16	Ni2316	k.25220	k.23448	.00043	.00111	.00383	.00026
17	2203/1	k.22300	k.21165	.00017	.00037	-.00306	-.00215
18	2203/2	k.23626	k.22106	.00031	-.00181	.00114	-.00164
19	Sb2068	k.28804	k.27022	-.00064	-.00190	.00115	.00337
20	1960/1	k.25316	k.23869	.00238	-.00013	.00238	.00106
21	1960/2	k.24350	k.23249	-.00169	.00338	-.00058	-.00071
22	Ti3372	k.27789	k.26039	.00052	.00037	.00067	.00039
23	Tl1908	k.23384	k.21840	.00024	.00056	-.00393	-.00042
24	V_2924	k.25391	k.23854	.00030	.00102	.00093	.00061
25	Zn2062	k.28514	k.27103	.00090	.00096	.00812	.00302
26	Sn1899	k.22902	k.21601	.00082	-.00227	-.00106	-.00184
27	Ag3280	k.07112	k.06788	.00094	.00074	.00128	.00108
28	Mo2020	k.24257	k.22296	.00138	.00178	.00202	-.00043
29	*Y	4895.85	5173.42	6611.18	6705.38	6578.4	6616.58
30	PB2203	k.23184	k.21792	.00026	-.00109	-.00025	-.00181
31	SE1960	k.24672	k.23456	-.00033	.00221	.00040	-.00012

#	Element	CCV	CCB	AD850046	AD850047	AD850048	AD850049
1	Al3082	24.418	.05049	.29258	.07011	.49902	.07467
2	As1890	.48572	.00039	.00228	.00165	.00072	-.00056
3	B_2496	.49235	.01189	.04329	.02674	.04028	.11921
4	Ba4934	.48205	.00012	.22081	.14326	.23834	.01299
5	Be3130	.48773	.00040	.00046	.00063	.00047	.00037
6	Ca3179	24.796	.00382	143.54	147.89	145.95	34.739
7	Cd2265	.49639	.00018	.00326	.00015	.00358	.00000
8	Co2286	.48824	.00021	.00959	.00029	.01016	.00024
9	Cr2677	.50611	.00069	-.00010	.00027	.00018	.00029
10	Cu3247	.48518	-.00123	.86635	-.00128	1.1542	.00050
11	Fe2714	24.699	.01090	12.924	.06436	18.255	.06528
12	K_7664	24.210	.01839	3.7575	3.6197	3.8796	2.8367
13	Mg2790	24.634	.00420	40.760	40.488	41.082	7.1176
14	Mn2576	.50164	-.00005	4.6067	.02117	4.8042	.03315
15	Na3302	23.845	.04158	13.191	12.902	13.223	36.604
16	Ni2316	.49550	.00021	.05887	.00018	.06247	.00349
17	2203/1	.50045	-.00070	-.00224	-.00059	-.00175	-.00111
18	2203/2	.49754	.00105	-.00029	-.00234	-.00120	-.00098
19	Sb2068	.50093	.00004	.00032	.00099	.00325	.00172
20	1960/1	.51339	-.00250	-.00210	-.00578	-.00292	.00145
21	1960/2	.49983	.00108	.00376	.00038	.00258	.00054
22	Ti3372	.50578	.00014	.00384	.00015	.01472	-.00012
23	Tl1908	.51283	-.00093	.00013	.00069	.00023	-.00309
24	V_2924	.49149	.00000	.00053	.00061	.00115	.00040
25	Zn2062	.49013	-.00040	.24266	.00161	.27705	.00450
26	Sn1899	.51535	-.00263	-.00039	-.00183	-.00146	-.00190
27	Ag3280	.49590	.00113	.00093	.00114	.00100	.00090
28	Mo2020	.47713	-.00048	-.00090	.00053	-.00034	.00046
29	*Y	6690.68	6634.05	6655.05	6620.55	6597	6653.25
30	PB2203	.49851	.00046	-.00094	-.00175	-.00138	-.00103
31	SE1960	.50435	-.00011	.00181	-.00167	.00074	.00084

#	Element	AD850050	AD850051	AD850052	AD850053	AD8'8/PB	AD8'7/FB
1	Al3082	.07972	.15918	.22016	.37658	.07837	9.9466
2	As1890	-.00015	.11672	.00651	.15204	-.00016	.20539
3	B_2496	.09943	6.9441	9.4575	1.7502	H.02024	.20818
4	Ba4934	.02096	.68003	.72586	.01676	.00005	.19645
5	Be3130	.00036	.00039	.00063	.00090	.00038	.19537
6	Ca3179	35.737	137.32	168.01	27.305	.07052	10.010
7	Cd2265	.00024	.00001	.00016	.00017	.00025	.20263
8	Co2286	.00078	.01921	.02684	.01070	.00027	.19967
9	Cr2677	.00171	.03667	.03171	.21195	.00011	.19948
10	Cu3247	.00058	.00136	.00262	.00650	-.00185	.19484
11	Fe2714	2.2644	19.837	1.5459	.94961	.00485	10.094
12	K_7664	2.9574	210.48	383.83	141.81	.01535	10.243
13	Mg2790	7.1437	102.74	133.32	17.314	.00292	9.8629
14	Mn2576	.18946	1.0677	.69926	.08103	-.00003	.19897
15	Na3302	37.394	H689.54	H926.77	H1635.7	.28637	9.9841
16	Ni2316	.00476	.06258	.24679	.09087	.00004	.19979
17	2203/1	-.00088	-.00148	-.00065	-.00023	-.00104	.20166
18	2203/2	-.00069	-.00053	.00207	.00021	.00063	.20032

#	Element	AD850050	AD850051	AD850052	AD850053	AD8'8/PB	AD8'7/FB
19	Sb2068	.00161	.02197	.01020	.03056	.00036	.20562
20	1960/1	-.00153	-.00151	.00293	.00171	-.00229	.20849
21	1960/2	-.00024	.00219	.00112	.00449	.00125	.20181
22	Ti3372	.00033	.03546	.00513	.08070	.00013	.20001
23	Tl1908	-.00029	.00197	-.00196	.00003	-.00067	.21023
24	V_2924	.00025	.02754	.00391	.06884	.00030	.19903
25	Zn2062	.02659	.01202	.49250	.02701	.00187	.19435
26	Sn1899	-.00173	.00922	.00191	.00854	-.00219	.21110
27	Ag3280	.00108	.00128	.00141	.00162	.00142	.05144
28	Mo2020	.00073	.00702	.02461	.03618	-.00017	.19637
29	*Y	6675.98	6652.65	6476.78	6240.38	6683.7	6657.23
30	PB2203	-.00076	-.00085	.00116	.00006	.00007	.20077
31	SE1960	-.00067	.00095	.00172	.00356	.00007	.20403

#	Element	CCV	CCB	AD850220	AD850221	AD850222	AD850223
1	Al3082	24.790	.07130	.14364	.18313	.24329	.30675
2	As1890	.49582	-.00128	-.00020	.00218	-.00012	-.00025
3	B_2496	.49525	.00813	.03242	.03539	.03728	.03530
4	Ba4934	.48670	.00017	.02060	.02132	.02063	.01766
5	Be3130	.49348	.00068	.00041	.00041	.00028	.00014
6	Ca3179	25.084	-.00158	31.663	32.635	46.509	63.838
7	Cd2265	.50591	.00020	-.00004	.00004	.00022	.00000
8	Co2286	.49485	.00044	.00029	.00037	.00059	.00049
9	Cr2677	.51240	.00064	.00086	.00048	.00051	.00056
10	Cu3247	.49027	-.00151	-.00075	.00154	.00079	.00049
11	Fe2714	25.083	.01701	.07734	.14167	.11804	.11289
12	K_7664	25.003	.03767	1.5592	1.7296	1.7526	1.6812
13	Mg2790	24.955	.00450	8.4779	8.5190	8.3467	8.3065
14	Mn2576	.50730	.00001	.00637	.00819	.00853	.00768
15	Na3302	24.080	.11846	15.568	11.678	14.772	14.241
16	Ni2316	.50673	-.00012	.00064	.00105	.00118	.00094
17	2203/1	.50804	-.00279	.00182	-.00027	.00097	.00057
18	2203/2	.50424	.00041	.00030	-.00185	-.00047	-.00097
19	Sb2068	.51834	.00402	.00288	-.00014	-.00267	.00125
20	1960/1	.52703	-.00104	.00132	.00037	-.00134	.00222
21	1960/2	.50661	.00042	.00107	.00459	.00354	-.00206
22	Ti3372	.51312	.00060	.00110	.00175	.00150	.00110
23	Tl1908	.52169	-.00029	-.00138	-.00088	-.00194	.00033
24	V_2924	.49828	.00051	.00040	.00081	.00091	.00060
25	Zn2062	.49320	.00011	.00158	.00405	.00733	.01047
26	Sn1899	.53015	-.00293	-.00058	-.00139	-.00291	-.00139
27	Ag3280	.49974	.00172	.00120	.00153	.00106	.00135
28	Mo2020	.48471	.00103	.00096	.00083	.00199	.00435
29	*Y	6545.48	6575.4	6673.35	6707.55	6709.95	6732.08
30	PB2203	.50550	-.00065	.00081	-.00133	.00000	-.00045
31	SE1960	.51342	-.00006	.00115	.00318	.00191	-.00063

#	Element	AD850224	AD8'1:5)	CRI	ICSA	ICSAB	CCV
1	Al3082	.17966	.10304	.27734	525.49	538.14	25.367
2	As1890	.00014	-.00158	.00933	.00004	.11152	.50568
3	B_2496	.03064	.00895	.02243	.00507	.00609	.49461
4	Ba4934	.02116	.00435	.00207	.00078	.53455	.49476
5	Be3130	.00043	.00055	.00256	.00127	.50247	.49564
6	Ca3179	32.349	6.4877	.48977	538.58	551.59	25.737
7	Cd2265	.00017	.00040	.00128	-.00142	1.0593	.52247
8	Co2286	.00016	.00032	.00409	.00051	.51046	.50529
9	Cr2677	.00090	.00096	.00507	-.00029	.53213	.52356
10	Cu3247	-.00080	-.00144	.00808	-.00469	.54008	.49970
11	Fe2714	.12247	.03486	.05316	207.98	105.53	25.791
12	K_7664	1.5922	.32294	.49611	.01896	.00738	25.417
13	Mg2790	8.6002	1.7063	.19870	523.86	528.57	25.237
14	Mn2576	.00825	.00152	.00283	-.00087	.52028	.51654
15	Na3302	11.221	2.4030	1.1466	.23003	.11995	24.643
16	Ni2316	.00095	.00023	.00930	.00064	1.0061	.51396
17	2203/1	-.00147	-.00134	.00463	.03214	.08770	.51874
18	2203/2	-.00020	-.00027	.00558	-.02415	.02498	.51570
19	Sb2068	-.00555	.00057	.01806	.00425	.69862	.53009
20	1960/1	-.00025	.00226	.01799	-.00652	.04827	.53717
21	1960/2	.00447	.00120	.01666	-.00116	.05037	.52086
22	Ti3372	.00155	.00060	.00527	.00032	.00208	.52606
23	Tl1908	-.00056	-.00435	.01948	-.00889	.10869	.54549
24	V_2924	.00061	.00093	.00594	.00137	.54658	.51120
25	Zn2062	.00379	-.00009	.01040	-.00367	.98662	.50319
26	Sn1899	-.00084	-.00014	.00628	.00083	.00048	.54419
27	Ag3280	.00101	.00216	H.00509	.00273	.22618	.51075
28	Mo2020	.00132	.00083	.00943	-.00257	-.00079	.49016
29	*Y	6660.9	6597.6	6607.58	6017.92	5933.48	6400.2
30	PB2203	-.00062	-.00063	.00526	-.00540	.04586	.51671
31	SE1960	.00289	.00156	.01711	-.00294	.04967	.52629

#	Element	CCB	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD8'8/PB	AD8'7/FB
1	Al3082	.13103	10.453	12.708	10.424	.16256	10.442
2	As1890	-.00055	.21127	.25983	.21399	-.00019	.21460
3	B_2496	.00308	.22951	.27876	.23140	.00827	.20908
4	Ba4934	.00025	.22295	.27143	.22427	.00012	.20402
5	Be3130	.00093	.20310	.24615	.19932	.00067	.20139
6	Ca3179	.03568	42.417	52.978	43.491	.07160	10.549
7	Cd2265	.00039	.21445	.25759	.21081	.00024	.21543
8	Co2286	.00020	.20797	.25241	.20654	.00045	.20889
9	Cr2677	.00065	.20799	.25294	.20557	.00039	.20852
10	Cu3247	-.00155	.20504	.24797	.20300	-.00136	.20436
11	Fe2714	.02447	10.786	13.060	10.610	.04912	10.631
12	K_7664	-.00612	12.324	14.202	12.269	-.00169	10.619
13	Mg2790	.04206	18.784	23.159	18.980	.00244	10.313
14	Mn2576	.00008	.21819	.26357	.21563	.00001	.20895
15	Na3302	.10124	21.162	25.401	21.623	.23968	10.413
16	Ni2316	.00001	.20868	.25196	.20476	.00027	.20811
17	2203/1	-.00086	.20911	.25463	.20663	.00056	.21167
18	2203/2	-.00091	.20958	.25132	.20755	.00019	.20887

#	Element	CCB	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD8'8/PB	AD8'7/FB
19	Sb2068	-.00077	.21860	.26464	.21755	.00369	.21614
20	1960/1	.00084	.21810	.25200	.20909	-.00394	.21692
21	1960/2	-.00161	.20971	.25427	.20584	.00242	.21450
22	Ti3372	.00040	.21379	.25615	.20934	.00055	.21065
23	Tl1908	-.00129	.21865	.26616	.21517	-.00295	.22420
24	V_2924	.00031	.21209	.25449	.20673	.00093	.20981
25	Zn2062	-.00048	.20502	.24699	.20015	.00031	.20312
26	Sn1899	-.00154	.20087	.27328	.22162	-.00055	.22503
27	Ag3280	.00200	.05293	.06433	.05330	.00198	.05335
28	Mo2020	.00168	.20535	.24767	.20288	-.00077	.20330
29	*Y	6537.3	6568.8	5501.7	6502.5	6566.4	6515.55
30	PB2203	-.00090	.20943	.25242	.20725	.00031	.20980
31	SE1960	-.00079	.21250	.25352	.20692	.00030	.21531

#	Element	AD850056	AD850057	AD8'1:5)	AD8'7/PS	AD8'8/MS	CCV
1	Al3082	.12065	.11206	.10367	10.566	10.142	24.987
2	As1890	-.00120	.00194	.00028	.21843	.21064	.49952
3	B_2496	.00727	.09236	.01937	.29594	.28703	.48754
4	Ba4934	.00015	.05116	.01013	.25470	.24821	.48436
5	Be3130	.00071	.00080	.00083	.20696	.19520	.48756
6	Ca3179	.13585	107.92	21.593	117.54	116.82	25.365
7	Cd2265	.00014	-.00009	.00003	.21847	.20713	.51718
8	Co2286	.00010	.00077	.00034	.21113	.20071	.49819
9	Cr2677	-.00041	.00071	.00026	.21178	.20142	.51614
10	Cu3247	-.00161	-.00096	-.00246	.20517	.19858	.48994
11	Fe2714	.02880	.73421	.15484	11.619	11.059	25.428
12	K_7664	-.01773	1.5406	.31305	12.661	12.264	25.158
13	Mg2790	.02885	68.004	13.593	77.838	77.086	24.940
14	Mn2576	-.00002	.02442	.00490	.23872	.22793	.50895
15	Na3302	.14945	24.012	4.5802	33.558	33.337	24.128
16	Ni2316	-.00061	.00062	.00008	.21119	.20053	.50759
17	2203/1	.00074	-.00184	.00027	.20937	.20049	.51315
18	2203/2	-.00018	-.00116	-.00108	.21036	.19993	.50717
19	Sb2068	.00016	.00146	.00016	.22426	.21470	.52731
20	1960/1	-.00193	-.00090	-.00522	.22313	.20999	.53284
21	1960/2	.00223	.00250	.00092	.21628	.20559	.51536
22	Ti3372	.00040	.00046	-.00002	.21596	.20400	.51759
23	Tl1908	-.00029	-.00119	-.00151	.22832	.21507	.54176
24	V_2924	.00000	.00040	.00019	.21504	.20352	.50371
25	Zn2062	.00430	.00303	.00050	.20720	.19492	.49602
26	Sn1899	-.00182	-.00119	-.00111	.20618	.21884	.54346
27	Ag3280	.00160	.00197	.00172	.05358	.05286	.50159
28	Mo2020	-.00090	.00162	.00037	.21226	.19816	.47826
29	*Y	6541.58	6480.38	6604.13	6489.23	6601.12	6481.65
30	PB2203	.00012	-.00139	-.00063	.21003	.20012	.50916
31	SE1960	.00084	.00136	-.00112	.21856	.20706	.52118

#	Element	CCB	AD8'9/SD	AD850060	AD850061	AD850062	AD850063
1	Al3082	.10518	10.220	.14562	.21080	.12574	.11132
2	As1890	.00032	.21281	.00337	.00021	.00146	.00634
3	B_2496	.00151	.29107	.27507	.13975	.19428	.12071
4	Ba4934	.00015	.25129	.01806	.02300	.02867	.11420
5	Be3130	.00099	.19723	.00071	.00075	.00059	.00077
6	Ca3179	.00320	118.54	15.589	123.63	22.376	102.43
7	Cd2265	.00026	.20739	.00015	.00003	.00004	-.00001
8	Co2286	.00061	.20209	.00036	.00060	.00026	.00079
9	Cr2677	.00061	.20323	.00029	.00049	.00023	.00063
10	Cu3247	-.00169	.19892	.00073	-.00032	-.00159	-.00152
11	Fe2714	.02204	11.099	.05439	.00615	.02154	3.8682
12	K_7664	-.00274	12.256	.75305	2.0383	.68514	6.1561
13	Mg2790	.00947	78.396	6.1962	76.478	13.456	53.590
14	Mn2576	.00000	.23028	.00105	.01229	.01429	.03397
15	Na3302	.11740	33.896	34.947	44.463	23.574	68.793
16	Ni2316	-.00041	.20065	.00012	.00217	.00016	.00203
17	2203/1	-.00047	.20123	.00021	-.00273	-.00142	-.00058
18	2203/2	-.00087	.20018	-.00133	-.00061	-.00076	-.00068
19	Sb2068	.00284	.21527	.00086	.00015	.00077	-.00076
20	1960/1	-.00045	.21862	-.00020	-.00288	.00117	.00164
21	1960/2	-.00250	.20691	.00424	.00042	.00306	.00295
22	Ti3372	.00043	.20552	.00122	.00042	.00106	.00065
23	Tl1908	-.00061	.21490	.00207	-.00210	-.00047	-.00337
24	V_2924	.00031	.20472	.00219	.00168	.00082	.00043
25	Zn2062	-.00017	.23600	.00119	.00225	.00110	.00192
26	Sn1899	-.00169	.21551	-.00162	-.00083	-.00297	-.00086
27	Ag3280	.00219	.05286	.00212	.00248	.00224	.00202
28	Mo2020	.00108	.19996	.02627	.00633	.00282	.00011
29	*Y	6497.18	6549.15	6631.8	6549.83	6633.15	6528.6
30	PB2203	-.00074	.20053	-.00081	-.00132	-.00098	-.00064
31	SE1960	-.00182	.21081	.00276	-.00067	.00243	.00251

#	Element	AD850064	AD850065	AD850066	AD850067	AD850068	CCV
1	Al3082	.12682	.11927	.12113	.11352	.14266	23.367
2	As1890	.00640	.00061	-.00153	.00181	.00170	.46918
3	B_2496	.12790	.13913	.12682	.11844	.14540	.45550
4	Ba4934	.14534	.02290	.02122	.08970	.09430	.45312
5	Be3130	.00088	.00085	.00104	.00087	.00090	.45683
6	Ca3179	104.69	161.63	334.23	119.98	96.548	23.683
7	Cd2265	-.00011	.00020	.00022	.00020	.00003	.48184
8	Co2286	.00055	.00091	.00042	.00204	.00507	.46558
9	Cr2677	.00076	.00054	.00118	.00058	.00040	.48156
10	Cu3247	-.00163	-.00061	-.00053	-.00126	-.00127	.45907
11	Fe2714	3.5636	.00384	.00843	.46452	.02995	23.673
12	K_7664	8.1689	4.4234	5.6256	2.3846	11.222	23.805
13	Mg2790	56.465	94.169	141.58	49.986	49.988	23.295
14	Mn2576	.01687	.02750	.02361	.36292	.29794	.47504
15	Na3302	69.073	67.633	74.070	33.852	77.805	22.819
16	Ni2316	.00215	.00463	.00360	.00209	.00400	.47436
17	2203/1	-.00164	-.00065	.00022	-.00162	-.00227	.48126
18	2203/2	-.00032	.00077	-.00224	-.00189	.00039	.47374

#	Element	AD850064	AD850065	AD850066	AD850067	AD850068	CCV
19	Sb2068	-.00063	-.00077	-.00316	.00029	.00281	.48935
20	1960/1	-.00001	.00463	-.00195	-.00268	-.00487	.49901
21	1960/2	.00567	.00143	.00377	.00068	.00214	.48125
22	Ti3372	.00059	.00042	.00044	.00007	.00054	.48212
23	Tl1908	-.00008	.00206	-.00142	-.00429	.00011	.50109
24	V_2924	.00077	.00095	.00031	.00051	.00073	.47007
25	Zn2062	.00309	.01297	.00678	.00178	.01086	.46495
26	Sn1899	-.00188	-.00048	-.00167	-.00193	-.00208	.50603
27	Ag3280	.00198	.00227	.00185	.00152	.00222	.47114
28	Mo2020	.00306	.00166	.00051	-.00085	.00080	Q.44955
29	*Y	6461.78	6450.53	6363.45	6502.5	6470.18	6782.78
30	PB2203	-.00076	.00029	-.00142	-.00180	-.00049	.47625
31	SE1960	.00377	.00250	.00186	-.00043	-.00019	.48717

#	Element	CCB	AD850069	AD850070	AD850071	AD850072	AD850073
1	Al3082	.10567	.12209	.11561	.12048	.12437	.18157
2	As1890	-.00046	.00708	.00177	.00358	.00023	.01420
3	B_2496	.00070	.08973	.11663	.16449	.12640	.23662
4	Ba4934	.00014	.13620	.13226	.21852	.06012	.01286
5	Be3130	.00113	.00073	.00064	.00082	.00088	.00079
6	Ca3179	.00617	41.473	69.029	68.212	124.38	11.172
7	Cd2265	.00007	.00015	.00024	.00010	.00024	.00006
8	Co2286	.00036	.00061	.00068	.00058	.00096	.00051
9	Cr2677	.00092	.00015	.00029	.00028	.00079	.00068
10	Cu3247	-.00146	-.00218	-.00233	-.00209	-.00102	-.00118
11	Fe2714	.01580	.03944	.26099	.03860	.00724	.06905
12	K_7664	-.00440	1.0585	6.0203	2.5005	4.8320	.43326
13	Mg2790	.01318	45.715	39.309	52.947	72.960	4.6124
14	Mn2576	.00007	.00523	.06703	.01505	.03703	.00571
15	Na3302	.13699	13.325	40.532	48.365	59.719	35.067
16	Ni2316	-.00016	-.00006	.00151	.00114	.00316	.00128
17	2203/1	.00213	-.00183	-.00158	.00034	-.00223	-.00229
18	2203/2	-.00170	.00048	-.00039	-.00118	-.00050	-.00068
19	Sb2068	.00316	-.00109	.00147	-.00267	-.00037	.00416
20	1960/1	-.00823	-.00527	.00034	-.00036	-.00290	.00015
21	1960/2	-.00086	-.00057	.00309	.00465	.00124	.00400
22	Ti3372	.00042	.00032	.00053	.00037	.00057	.00289
23	Tl1908	-.00032	-.00072	-.00223	.00029	-.00284	-.00258
24	V_2924	.00064	.00072	.00050	.00041	.00148	.00064
25	Zn2062	.00017	.00091	.03800	.00115	.00815	.00164
26	Sn1899	-.00231	-.00114	-.00121	-.00070	-.00216	-.00065
27	Ag3280	.00177	.00208	.00205	.00228	.00223	.00193
28	Mo2020	.00131	.00377	.00413	.00200	.00441	.02310
29	*Y	6378.08	6594.15	6651.9	6522.45	6492.98	6554.85
30	PB2203	-.00042	-.00028	-.00078	-.00067	-.00107	-.00121
31	SE1960	-.00331	-.00214	.00217	.00297	-.00013	.00272

#	Element	AD850074	AD850075	AD850076	CCV	CCB	
1	Al3082	.21261	.17493	.12258	24.384	.10047	
2	As1890	.00149	-.00109	.00236	.48571	-.00150	
3	B_2496	.14686	.12588	.08372	.47412	.00131	
4	Ba4934	.09657	.06455	.05235	.47183	.00016	
5	Be3130	.00084	.00077	.00104	.47672	.00117	
6	Ca3179	124.73	122.71	132.17	24.591	.00116	
7	Cd2265	-.00011	.00031	-.00005	.49997	.00001	
8	Co2286	.00124	.00152	.00057	.48500	.00056	
9	Cr2677	.00087	.00069	.00046	.50085	.00026	
10	Cu3247	-.00007	.00068	-.00209	.47833	-.00225	
11	Fe2714	.10191	.06729	.42597	24.647	.01643	
12	K_7664	4.1762	3.9174	2.4346	24.726	.00193	
13	Mg2790	46.670	45.415	84.432	24.218	.00822	
14	Mn2576	.30908	.20329	.11281	.50233	-.00009	
15	Na3302	70.394	62.984	40.150	23.754	.17009	
16	Ni2316	.00387	.00500	.00108	.49480	.00012	
17	2203/1	-.00143	-.00275	-.00110	.49726	-.00025	
18	2203/2	-.00057	.00152	-.00196	.49589	.00140	
19	Sb2068	-.00140	-.00122	-.00004	.51316	.00217	
20	1960/1	.00030	-.00309	-.00013	.51688	-.00063	
21	1960/2	.00288	.00231	.00495	.50292	.00119	
22	Ti3372	.00378	.00216	.00029	.50180	.00027	
23	Tl1908	-.00121	.00036	-.00507	.52051	-.00090	
24	V_2924	.00231	.00125	.00020	.48908	.00053	
25	Zn2062	.04597	.03657	.00204	.48152	-.00003	
26	Sn1899	.00007	-.00144	-.00083	.53202	-.00086	
27	Ag3280	.00227	.00176	.00167	.48960	.00228	
28	Mo2020	.00115	-.00015	.00246	.46801	-.00084	
29	*Y	6518.7	6569.03	6402.6	6558.6	6385.28	
30	PB2203	-.00085	.00010	-.00167	.49634	.00085	
31	SE1960	.00202	.00051	.00325	.50757	.00058	

Curvefit Fit Status Summary 08/19/08 10:15:54 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

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Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:08:24 AM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 08/19/08 10:05:21
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.56437	257.9402	45.50809	4.660196
SDev	.51666	.6064	.25006	.014676
%RSD	.5968503	.2351087	.5494779	.3149124
#1	86.19904	257.5114	45.33128	4.649819
#2	86.92970	258.3690	45.68491	4.670573
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0171856	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

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Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:28:41 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 09/04/08 12:23:41

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.12727	-.01076	.00377	-.00023	.10823	.02550	.00586
SDev	.00301	.01369	.00032	.00033	.00045	.00155	.00133
%RSD	2.3666	127.22	8.3475	141.42	.41278	6.0973	22.634
#1	.12940	-.00108	.00355	.00000	.10855	.02440	.00679
#2	.12514	-.02045	.00400	-.00046	.10792	.02660	.00492

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00370	.00231	.00793	-.00015	-.21516	.00123	.00046
SDev	.00241	.00153	.00013	.00022	.00318	.00022	.00043
%RSD	65.064	66.241	1.6851	141.42	1.4767	17.985	94.107
#1	-.00540	.00340	.00803	.00000	-.21741	.00139	.00015
#2	-.00200	.00123	.00784	-.00031	-.21292	.00108	.00077

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00655	-.00993	.01093	-.00274	.00177	-.04238	.04062
SDev	.00340	.00247	.00302	.01851	.00032	.00536	.01462
%RSD	51.848	24.912	27.586	674.54	18.139	12.652	35.983
#1	.00896	-.00818	.00880	.01035	.00154	-.04617	.05096
#2	.00415	-.01168	.01307	-.01583	.00200	-.03859	.03028

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00947	-.01526	.00015	.00139	-.00169	-.04345	.00401
SDev	.00204	.00310	.00044	.00065	.00043	.00014	.00154
%RSD	21.541	20.305	281.91	46.863	25.411	.31212	38.364
#1	-.00803	-.01745	.00046	.00093	-.00139	-.04354	.00510
#2	-.01091	-.01307	-.00015	.00184	-.00200	-.04335	.00292

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6491	--	--	--	--	--	--
SDev	20.25854	--	--	--	--	--	--
%RSD	.3121224	--	--	--	--	--	--
#1	6476	--	--	--	--	--	--
#2	6505	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:33:17 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 09/04/08 12:28:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	3.7360	1.0340	.36494	.62371	1.3973	1.6897	.71211
SDev	.0102	.0252	.00189	.00126	.0008	.0056	.00190
%RSD	.27342	2.4325	.51822	.20274	.05787	.33100	.26669
#1	3.7288	1.0162	.36361	.62281	1.3967	1.6857	.71077
#2	3.7433	1.0518	.36628	.62460	1.3979	1.6936	.71345

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.54990	.42377	.62309	.33351	.56922	.47748	2.5256
SDev	.00174	.00063	.00082	.00021	.00076	.00217	.0185
%RSD	.31671	.14895	.13238	.06423	.13425	.45457	.73167
#1	.54867	.42333	.62250	.33336	.56976	.47902	2.5125
#2	.55113	.42422	.62367	.33366	.56868	.47595	2.5386

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.16322	.29470	.43239	.94752	.30386	.07350	.07536
SDev	.00246	.00970	.00536	.00333	.00684	.00018	.00004
%RSD	1.5093	3.2923	1.2395	.35200	2.2509	.24648	.04851
#1	.16148	.30156	.42860	.94516	.30869	.07337	.07539
#2	.16497	.28784	.43618	.94987	.29902	.07363	.07534

Elem	Sn1899	Ag3280	Mo2020
Avge	.05386	.52149	.23928
SDev	.00049	.00040	.00076
%RSD	.91225	.07609	.31570
#1	.05352	.52121	.23982
#2	.05421	.52177	.23875

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6442	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.0971413	--	--	--	--	--	--
#1	6447	--	--	--	--	--	--
#2	6438	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:37:53 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 09/04/08 12:33:21

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	18.286	5.2147	1.8103	3.1523	6.5236	8.5225	3.6009
SDev	.007	.0076	.0054	.0030	.0052	.0143	.0054
%RSD	.03773	.14610	.29775	.09663	.07927	.16750	.15054
#1	18.291	5.2093	1.8141	3.1544	6.5273	8.5124	3.5971
#2	18.281	5.2201	1.8065	3.1501	6.5200	8.5326	3.6047

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	2.7912	2.1140	3.1608	1.6735	2.8887	2.3350	12.811
SDev	.0008	.0065	.0003	.0011	.0060	.0079	.020
%RSD	.02700	.30784	.00851	.06398	.20709	.33710	.15516
#1	2.7917	2.1186	3.1607	1.6743	2.8929	2.3294	12.826
#2	2.7907	2.1094	3.1610	1.6728	2.8845	2.3406	12.797

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.83145	1.6907	2.0596	4.8421	1.6337	.37540	.37376
SDev	.00010	.0041	.0096	.0018	.0014	.00030	.00069
%RSD	.01177	.24533	.46416	.03695	.08809	.07908	.18588
#1	.83152	1.6936	2.0528	4.8433	1.6326	.37561	.37327
#2	.83138	1.6877	2.0664	4.8408	1.6347	.37519	.37425

Elem	Sn1899	Ag3280	Mo2020
Avge	.28266	2.8291	1.1942
SDev	.00047	.0049	.0028
%RSD	.16631	.17390	.23697
#1	.28299	2.8326	1.1962
#2	.28233	2.8256	1.1922

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6410	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0678364	--	--	--	--	--	--
#1	6414	--	--	--	--	--	--
#2	6407	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:42:57 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 09/04/08 12:37:57

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	36.742	10.534	3.6554	6.3290	12.896	36.154	17.095
SDev	.013	.001	.0003	.0088	.002	.020	.012
%RSD	.03658	.01012	.00722	.13936	.01169	.05625	.06842
#1	36.751	10.534	3.6552	6.3353	12.897	36.168	17.104
#2	36.732	10.535	3.6556	6.3228	12.895	36.139	17.087

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.2326	5.5981	4.2471	6.3603	133.59	18.818	3.3607
SDev	.0038	.0042	.0034	.0028	.09	.010	.0051
%RSD	.05221	.07483	.07938	.04396	.06920	.05328	.15082
#1	7.2353	5.5951	4.2495	6.3622	133.53	18.825	3.3643
#2	7.2299	5.6010	4.2448	6.3583	133.66	18.811	3.3571

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.0107	5.7905	4.6785	25.664	1.6864	3.4374	4.1140
SDev	.0040	.0031	.0020	.045	.0104	.0223	.0129
%RSD	.19791	.05400	.04295	.17651	.61615	.64868	.31318
#1	2.0135	5.7927	4.6771	25.696	1.6790	3.4216	4.1049
#2	2.0079	5.7883	4.6800	25.632	1.6937	3.4532	4.1231

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	9.7318	3.3096	.75677	.74360	.57111	5.7325	2.3886
SDev	.0115	.0075	.00067	.00202	.00067	.0117	.0044
%RSD	.11828	.22699	.08870	.27127	.11656	.20466	.18606
#1	9.7400	3.3043	.75724	.74502	.57158	5.7408	2.3855
#2	9.7237	3.3149	.75630	.74217	.57063	5.7242	2.3918

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6377	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1164263	--	--	--	--	--	--
#1	6382	--	--	--	--	--	--
#2	6372	--	--	--	--	--	--

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Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.37659	-.174879	09/04/08 12:37:57
As1890	189.042	Multiple	Standards	.095379	.001030	09/04/08 12:37:57
B_2496	249.678	Multiple	Standards	.276075	-.001038	09/04/08 12:37:57
Ba4934	493.409	Multiple	Standards	.158988	.000044	09/04/08 12:37:57
Be3130	313.042	Multiple	Standards	.077979	-.008444	09/04/08 12:37:57
Ca3179	317.933	STD 3	STD BLK	1.19779	-.005352	09/04/08 12:37:57
Cd2265	226.502	Multiple	Standards	.059057	-.000338	09/04/08 12:37:57
Co2286	228.616	Multiple	Standards	.139054	.000520	09/04/08 12:37:57
Cr2677	267.716	Multiple	Standards	.180256	-.000406	09/04/08 12:37:57
Cu3247	324.753	Multiple	Standards	.237588	-.001876	09/04/08 12:37:57
Fe2714	271.441	Multiple	Standards	7.93202	.001721	09/04/08 12:37:57
K_7664	766.491	STD 3	STD BLK	.996000	-.013882	09/04/08 12:37:57
Mg2790	279.078	STD 3	STD BLK	1.19281	-.004299	09/04/08 12:37:57
Mn2576	257.610	Multiple	Standards	.298492	-.000134	09/04/08 12:37:57
Na3302	330.232	STD 3	STD BLK	1.10100	-.003415	09/04/08 12:37:57
Ni2316	231.604	Multiple	Standards	.172273	.001712	09/04/08 12:37:57
2203/1	220.351	Multiple	Standards	.219585	-.002402	09/04/08 12:37:57
2203/2	220.352	Multiple	Standards	.038796	.000115	09/04/08 12:37:57
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.606449	-.001054	09/04/08 12:37:57
1960/1	196.021	Multiple	Standards	.290981	.012348	09/04/08 12:37:57
1960/2	196.022	Multiple	Standards	.246425	-.009990	09/04/08 12:37:57
Ti3372	337.280	Multiple	Standards	.103407	.000989	09/04/08 12:37:57
Tl1908	190.864	Multiple	Standards	.303724	.004655	09/04/08 12:37:57
V_2924	292.402	Multiple	Standards	1.33974	-.000192	09/04/08 12:37:57
Zn2062	206.200	Multiple	Standards	1.34618	-.001863	09/04/08 12:37:57
Sn1899	189.989	Multiple	Standards	1.76621	.003008	09/04/08 12:37:57
Ag3280	328.068	Multiple	Standards	.174627	.007598	09/04/08 12:37:57
Mo2020	202.030	Multiple	Standards	.421108	-.001681	09/04/08 12:37:57

Standardization Readback Report 09/04/08 12:42:57 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000314	-.000314
		STD 1	5.00000	4.96810	.031897
		STD 2	25.0000	24.9977	.002285
		STD 3	50.0000	50.4032	-.403244

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099650	.000350
		STD 2	.500000	.498399	.001601
		STD 3	1.00000	1.00580	-.005797

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099713	.000287
		STD 2	.500000	.498746	.001254
		STD 3	1.00000	1.00813	-.008134

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099206	.000794
		STD 2	.500000	.501216	-.001216
		STD 3	1.00000	1.00629	-.006288

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100515	-.000515
		STD 2	.500000	.500260	-.000260
		STD 3	1.00000	.997200	.002800

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.025496	-.000309
		STD 3	43.2991	36.1536	7.14546

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099449	.000551
		STD 2	.500000	.502981	-.002981
		STD 3	1.00000	1.00927	-.009275

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099542	.000458
		STD 2	.500000	.501241	-.001241
		STD 3	1.00000	1.00624	-.006243

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098717	.001283
		STD 2	.500000	.502728	-.002728
		STD 3	1.00000	1.00868	-.008683

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098807	.001193
		STD 2	.500000	.500393	-.000393
		STD 3	1.00000	1.00719	-.007194

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	.000502	-.000502
		STD 1	5.00000	4.94406	.055941
		STD 2	25.0000	25.0736	-.073595
		STD 3	50.0000	50.4514	-.451420

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.215163	-.013021
		STD 3	133.044	133.592	-.548218

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.001233	-.004061
		STD 3	22.4415	18.8176	3.62390

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099416	.000584
		STD 2	.500000	.499395	.000605
		STD 3	1.00000	1.00301	-.003006

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.006553	-.002753
		STD 3	2.21037	2.01071	.199661

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099774	.000226
		STD 2	.500000	.499360	.000640
		STD 3	1.00000	.999259	.000741

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.102446	-.002446
		STD 2	.500000	.510332	-.010332
		STD 3	1.00000	1.02494	-.024937

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.098098	.001902
		STD 2	.500000	.497153	.002847
		STD 3	1.00000	.995779	.004221

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000020	-.000020
		STD 1	.100000	.097933	.002067
		STD 2	.500000	.503179	-.003179
		STD 3	1.00000	1.02163	-.021632

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000017	-.000017
		STD 1	.100000	.098099	.001901
		STD 2	.500000	.504300	-.004300
		STD 3	1.00000	1.01256	-.012562

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000020	-.000020
		STD 1	.100000	.096562	.003438
		STD 2	.500000	.497547	.002453
		STD 3	1.00000	1.00381	-.003809

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098968	.001032
		STD 2	.500000	.501694	-.001694
		STD 3	1.00000	1.00733	-.007331

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000021	-.000021
		STD 1	.100000	.096943	.003057
		STD 2	.500000	.500835	-.000835
		STD 3	1.00000	1.00985	-.009853

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000016	-.000016
		STD 1	.100000	.098280	.001720
		STD 2	.500000	.502747	-.002747
		STD 3	1.00000	1.01368	-.013680

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099590	.000410
		STD 2	.500000	.501289	-.001289
		STD 3	1.00000	.999150	.000850

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000015	-.000015
		STD 1	.100000	.098144	.001856
		STD 2	.500000	.502250	-.002250
		STD 3	1.00000	1.01170	-.011703

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098665	.001335
		STD 2	.500000	.501639	-.001639
		STD 3	1.00000	1.00865	-.008654

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099084	.000916
		STD 2	.500000	.501213	-.001213
		STD 3	1.00000	1.00419	-.004189

CorCoef: 1.00000

Analysis Report Blank Sample 09/04/08 12:48:01 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/04/08 12:43:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.357	.99761	1.0044	1.0064	.98352	49.375	.99797
SDev	.119	.00188	.0000	.0019	.00091	.161	.00486
%RSD	.23555	.18837	.00247	.19008	.09241	.32561	.48690
#1	50.441	.99628	1.0044	1.0077	.98287	49.489	1.0014
#2	50.273	.99894	1.0044	1.0050	.98416	49.261	.99453
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99775	.99953	1.0054	50.086	49.647	49.251	.99968
SDev	.00253	.00096	.0009	.146	.018	.096	.00253
%RSD	.25383	.09561	.08713	.29207	.03613	.19570	.25362
#1	.99954	1.0002	1.0060	50.189	49.660	49.319	1.0015
#2	.99596	.99885	1.0048	49.982	49.634	49.183	.99789
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.723	.99075	.98803	.99751	.99436	1.0047	1.0175
SDev	.022	.00326	.00149	.00307	.00254	.0027	.0088
%RSD	.04391	.32911	.15066	.30800	.25594	.26875	.86361
#1	49.739	.99305	.98908	.99969	.99615	1.0066	1.0237
#2	49.708	.98844	.98698	.99534	.99256	1.0028	1.0113
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99852	1.0078	1.0043	1.0132	1.0073	.98286	1.0028
SDev	.01616	.0040	.0030	.0020	.0032	.00000	.0028
%RSD	1.6189	.40012	.30194	.19425	.31455	.00020	.28322
#1	1.0099	1.0049	1.0064	1.0146	1.0095	.98287	1.0048
#2	.98709	1.0106	1.0022	1.0118	1.0050	.98286	1.0007
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0079	.99501
SDev	.0018	.00416
%RSD	.18111	.41802
#1	1.0092	.99207
#2	1.0066	.99795
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6346	--	--	--	--	--	--
SDev	23.22853	--	--	--	--	--	--
%RSD	.3660615	--	--	--	--	--	--
#1	6362	--	--	--	--	--	--
#2	6329	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 12:53:04 PM page 1

Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 09/04/08 12:48:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.818	.37549	.36989	.37663	.37613	18.856	.37867
SDev	.065	.00259	.00013	.00095	.00188	.094	.00298
%RSD	.34512	.68927	.03460	.25163	.49943	.49662	.78715
#1	18.864	.37732	.36998	.37730	.37746	18.922	.38078
#2	18.772	.37366	.36980	.37596	.37481	18.790	.37657
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37539	.39068	.37675	18.944	18.260	18.854	.38651
SDev	.00128	.00248	.00136	.124	.074	.094	.00191
%RSD	.34075	.63571	.36221	.65321	.40593	.50011	.49347
#1	.37630	.39244	.37771	19.032	18.312	18.920	.38786
#2	.37449	.38893	.37578	18.857	18.208	18.787	.38516
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.310	.38156	.38164	.38382	.38309	.38777	Q.39730
SDev	.035	.00116	.00263	.00036	.00112	.00349	.00275
%RSD	.19027	.30356	.69007	.09333	.29129	.90082	.69229
#1	18.334	.38238	.38351	.38407	.38388	.39024	Q.39924
#2	18.285	.38074	.37978	.38356	.38230	.38530	Q.39536
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Fail
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38500	.38916	Q.39734	.38055	.37971	.37849	.38599
SDev	.00040	.00504	.00086	.00010	.00243	.00275	.00441
%RSD	.10448	1.2947	.21651	.02630	.63929	.72523	1.1428
#1	.38528	.39272	Q.39795	.38062	.38143	.38043	.38911
#2	.38472	.38560	Q.39673	.38048	.37800	.37655	.38287
Errors	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.38218	.37989
SDev	.00153	.00095
%RSD	.40068	.24991
#1	.38326	.38056
#2	.38110	.37922
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6255	--	--	--	--	--	--
SDev	10.07627	--	--	--	--	--	--
%RSD	.1610818	--	--	--	--	--	--
#1	6248	--	--	--	--	--	--
#2	6263	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 12:58:06 PM page 1

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 09/04/08 12:53:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01140	.00013	.00114	.00017	.00027	.00718	-.00004
SDev	.00177	.00024	.00015	.00000	.00002	.00026	.00024
%RSD	15.546	190.54	13.618	.08707	6.8133	3.5710	616.30
#1	.01015	-.00004	.00125	.00017	.00028	.00700	-.00021
#2	.01265	.00030	.00103	.00017	.00025	.00737	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00027	.00043	.01102	.01084	.00676	.00029
SDev	.00045	.00056	.00000	.00262	.01290	.00295	.00000
%RSD	1540.7	206.21	.55446	23.755	119.05	43.578	.12835
#1	-.00029	-.00012	.00043	.00917	.00171	.00884	.00029
#2	.00034	.00066	.00043	.01287	.01996	.00468	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03402	.00012	.00121	-.00012	.00033	-.00305	.00041
SDev	.09792	.00019	.00182	.00143	.00156	.00166	.00127
%RSD	287.81	153.09	149.64	1210.9	478.65	54.567	310.72
#1	.03522	.00026	-.00007	-.00113	-.00078	-.00422	-.00049
#2	-.10326	-.00001	.00250	.00089	.00143	-.00187	.00130
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00153	-.00380	.00058	.00202	.00023	-.00018	.00163
SDev	.00516	.00009	.00010	.00117	.00030	.00000	.00000
%RSD	337.21	2.3043	17.780	57.953	130.87	.89561	.10645
#1	-.00518	-.00374	.00065	.00285	.00002	-.00018	.00163
#2	.00212	-.00387	.00050	.00119	.00044	-.00018	.00163
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	-.00059
SDev	.00018	.00005
%RSD	2308.9	8.0345
#1	.00014	-.00056
#2	-.00012	-.00063
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6396	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1077919	--	--	--	--	--	--
#1	6391	--	--	--	--	--	--
#2	6401	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 01:03:09 PM page 1

Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/04/08 12:58:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19711	.00961	.01984	.00219	.00207	.49664	.00098
SDev	.00187	.00055	.00070	.00017	.00002	.00366	.00001
%RSD	.94928	5.6909	3.5310	7.6663	1.1409	.73729	1.2318
#1	.19578	.00923	.01935	.00231	.00209	.49922	.00097
#2	.19843	.01000	.02034	.00208	.00206	.49405	.00099
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	.00462	.01054	.04457	.49218	.20762	.00324
SDev	.00028	.00027	.00022	.00024	.00806	.00204	.00002
%RSD	6.7248	5.7939	2.1251	.52927	1.6368	.98135	.57155
#1	.00434	.00443	.01070	.04474	.49788	.20618	.00325
#2	.00394	.00481	.01038	.04441	.48649	.20906	.00322
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96470	.00955	.00786	.00551	.00629	.01387	.02011
SDev	.14411	.00068	.00205	.00187	.00193	.00197	.00138
%RSD	14.938	7.1605	26.124	33.898	30.662	14.228	6.8628
#1	1.0666	.01003	.00641	.00419	.00493	.01527	.02109
#2	.86280	.00906	.00932	.00683	H.00766	.01247	.01914
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01691	.01235	.00571	.02007	.00561	.01104	.00752
SDev	.00090	.00341	.00008	.00005	.00003	.00007	.00253
%RSD	5.3074	27.600	1.4440	.23832	.57226	.64049	33.705
#1	.01627	.01476	.00577	.02004	.00563	.01109	.00931
#2	.01754	.00994	.00565	.02010	.00559	.01099	.00573
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00343	.00893
SDev	.00016	.00033
%RSD	4.5565	3.7451
#1	.00332	.00917
#2	.00354	.00869
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6469	--	--	--	--	--	--
SDev	35.53212	--	--	--	--	--	--
%RSD	.5492569	--	--	--	--	--	--
#1	6444	--	--	--	--	--	--
#2	6494	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:08:11 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/04/08 13:03:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.57	.00235	.00201	.00067	.00084	528.07	.00118
SDev	.87	.00021	.00146	.00011	.00007	3.75	.00033
%RSD	.17005	8.8709	72.846	17.169	8.6717	.71070	28.206
#1	514.18	.00250	.00097	.00059	.00078	525.42	.00141
#2	512.95	.00220	.00304	.00075	.00089	530.73	.00094
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	-.00007	-.00184	205.03	.03387	525.63	.00008
SDev	.00018	.00066	.00041	1.07	.01035	1.18	.00003
%RSD	25.713	892.54	22.192	.52233	30.570	.22461	38.925
#1	-.00082	-.00054	-.00213	204.27	.02655	524.80	.00006
#2	-.00057	.00039	-.00155	205.79	.04120	526.47	.00010
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06479	.00132	.03899	-.02960	-.00676	-.00387	.00256
SDev	.09083	.00084	.00158	.00116	.00025	.00199	.00083
%RSD	140.20	63.980	4.0445	3.9347	3.7238	51.470	32.286
#1	-.12901	.00072	.03788	-.02877	-.00658	-.00527	.00315
#2	-.00056	.00191	.04011	-.03042	-.00694	-.00246	.00198
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00386	-.00387	.00009	.00124	.00048	-.00365	.00506
SDev	.00620	.00012	.00012	.00216	.00058	.00053	.00041
%RSD	160.50	3.0120	132.36	174.17	121.90	14.489	8.0933
#1	-.00825	-.00378	.00001	-.00029	.00007	-.00403	.00535
#2	.00052	-.00395	.00017	.00277	.00089	-.00328	.00477
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00060	.00191
SDev	.00044	.00547
%RSD	74.413	286.77
#1	.00028	-.00196
#2	.00091	.00577
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5949	--	--	--	--	--	--
SDev	42.32041	--	--	--	--	--	--
%RSD	.7114139	--	--	--	--	--	--
#1	5919	--	--	--	--	--	--
#2	5979	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:16:04 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/04/08 13:11:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	524.47	.11530	.00358	.53151	.51641	547.81	1.0618
SDev	.26	.00063	.00023	.00037	.00059	.30	.0015
%RSD	.04983	.54745	6.5535	.06983	.11416	.05519	.13828
#1	524.29	.11574	.00375	.53125	.51682	547.59	1.0608
#2	524.66	.11485	.00342	.53177	.51599	548.02	1.0628
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51544	.54130	.53480	105.61	.02300	530.85	.52339
SDev	.00007	.00010	.00015	.07	.01256	.15	.00034
%RSD	.01452	.01765	.02743	.06578	54.605	.02897	.06535
#1	.51539	.54137	.53490	105.56	.03188	530.96	.52315
#2	.51549	.54123	.53470	105.66	.01412	530.74	.52364
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07836	1.0180	.09540	.02507	.04849	.05223	.68772
SDev	.14485	.0015	.00218	.00035	.00049	.00125	.00247
%RSD	184.87	.14987	2.2854	1.4136	1.0097	2.3851	.35957
#1	-.18078	1.0191	.09694	.02482	.04884	.05311	.68947
#2	.02407	1.0169	.09385	.02532	.04814	.05135	.68598
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04785	.05442	.00205	.11154	.54629	1.0295	.00502
SDev	.00476	.00051	.00004	.00317	.00003	.0027	.00021
%RSD	9.9430	.93801	1.9777	2.8427	.00557	.26346	4.1328
#1	.05122	.05406	.00208	.10930	.54627	1.0276	.00487
#2	.04449	.05478	.00202	.11379	.54631	1.0314	.00517
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22158	-.00155
SDev	.00043	.00089
%RSD	.19208	57.556
#1	.22128	-.00092
#2	.22188	-.00218
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5987	--	--	--	--	--	--
SDev	8.273288	--	--	--	--	--	--
%RSD	.1381887	--	--	--	--	--	--
#1	5981	--	--	--	--	--	--
#2	5993	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:24:04 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 13:19:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.756	.50502	.48646	.49335	.50722	25.684	.52415
SDev	.054	.00445	.00000	.00115	.00252	.128	.00387
%RSD	.21821	.88022	.00070	.23248	.49729	.49972	.73852
#1	24.794	.50816	.48645	.49416	.50901	25.775	.52689
#2	24.718	.50187	.48646	.49254	.50544	25.594	.52141
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51019	.53196	.49298	25.827	24.412	25.313	.51978
SDev	.00373	.00353	.00100	.136	.085	.129	.00245
%RSD	.73130	.66420	.20272	.52597	.35011	.51037	.47208
#1	.51282	.53446	.49369	25.923	24.473	25.404	.52151
#2	.50755	.52947	.49228	25.731	24.352	25.222	.51804
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.766	.51848	.52052	.52159	.52123	.52741	.52845
SDev	.095	.00346	.00329	.00237	.00268	.00506	.00242
%RSD	.39869	.66681	.63269	.45494	.51405	.95863	.45785
#1	23.833	.52092	.52285	.52326	.52313	.53099	.53016
#2	23.699	.51603	.51820	.51991	.51934	.52384	.52673
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52328	.52949	.52183	.52321	.51171	.52285	.52998
SDev	.00674	.00421	.00215	.00207	.00221	.00400	.00547
%RSD	1.2887	.79553	.41299	.39537	.43257	.76408	1.0325
#1	.52805	.53247	.52335	.52175	.51327	.52567	.53385
#2	.51851	.52651	.52030	.52467	.51014	.52002	.52611
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50171	.49949
SDev	.00095	.00003
%RSD	.18888	.00579
#1	.50238	.49946
#2	.50104	.49951
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6468	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0245987	--	--	--	--	--	--
#1	6469	--	--	--	--	--	--
#2	6467	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 01:29:06 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 13:24:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06778	-.00058	.00010	.00016	.00046	.04260	.00012
SDev	.00482	.00170	.00012	.00007	.00003	.00047	.00027
%RSD	7.1140	294.02	122.31	41.552	6.7130	1.0957	219.51
#1	.07119	.00062	.00001	.00021	.00048	.04227	.00032
#2	.06437	-.00178	.00018	.00012	.00044	.04293	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00039	-.00057	.01018	.00394	.04741	.00028
SDev	.00019	.00043	.00015	.00000	.00352	.00113	.00000
%RSD	101.95	109.47	26.940	.00235	89.202	2.3791	.05448
#1	.00033	.00009	-.00068	.01018	.00643	.04820	.00028
#2	.00005	.00069	-.00046	.01018	.00146	.04661	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.18600	.00006	.00257	.00052	.00121	-.00218	.00001
SDev	.02294	.00048	.00012	.00226	.00155	.00029	.00006
%RSD	12.335	836.39	4.7477	432.50	128.45	13.290	1020.4
#1	-.16977	.00040	.00249	-.00108	.00011	-.00198	-.00004
#2	-.20222	-.00028	.00266	.00212	.00230	-.00239	.00005
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.00334	.00049	.00139	.00022	-.00012	.00099
SDev	.00066	.00010	.00019	.00108	.00029	.00015	.00019
%RSD	515.53	3.1138	38.548	77.650	133.69	123.25	19.168
#1	.00060	-.00327	.00063	.00216	.00001	-.00022	.00086
#2	-.00034	-.00341	.00036	.00063	.00042	-.00002	.00112
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00032	.00012
SDev	.00005	.00027
%RSD	16.990	233.98
#1	.00028	-.00008
#2	.00036	.00031
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6561	--	--	--	--	--	--
SDev	2.227317	--	--	--	--	--	--
%RSD	.0339498	--	--	--	--	--	--
#1	6562	--	--	--	--	--	--
#2	6559	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850133/PB Operator: TWS
Run Time: 09/04/08 13:29:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05139	-.00120	.00415	.00013	.00014	.06265	-.00004
SDev	.00763	.00091	.00072	.00005	.00004	.00418	.00038
%RSD	14.841	75.724	17.259	39.717	28.779	6.6689	860.64
#1	.04599	-.00056	.00466	.00009	.00011	.05969	-.00031
#2	.05678	-.00184	.00364	.00016	.00017	.06560	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00030	-.00124	.00172	.00780	.02424	.00009
SDev	.00007	.00013	.00000	.00500	.01867	.00312	.00006
%RSD	27.764	44.012	.09596	290.78	239.22	12.861	70.528
#1	.00021	.00021	-.00124	-.00182	-.00540	.02204	.00013
#2	.00031	.00040	-.00124	.00526	.02101	.02645	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.14003	.00065	-.00100	.00060	.00007	.00128	.00299
SDev	.20410	.00034	.00169	.00066	.00012	.00230	.00039
%RSD	145.76	52.626	167.73	109.68	173.40	180.05	13.028
#1	-.28434	.00041	.00019	.00014	.00015	-.00035	.00272
#2	.00429	.00089	-.00220	.00107	-.00002	.00290	.00327
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.00312	.00027	-.00090	.00031	.00044	-.00014
SDev	.00374	.00158	.00024	.00001	.00014	.00014	.00037
%RSD	154.59	50.539	89.280	1.0603	45.844	31.364	258.54
#1	-.00506	.00201	.00010	-.00089	.00040	.00054	-.00040
#2	.00022	.00424	.00043	-.00090	.00021	.00034	.00012
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00028	-.00062
SDev	.00021	.00027
%RSD	74.160	43.363
#1	.00013	-.00081
#2	.00043	-.00043
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6729	--	--	--	--	--	--
SDev	11.66726	--	--	--	--	--	--
%RSD	.1733877	--	--	--	--	--	--
#1	6737	--	--	--	--	--	--
#2	6721	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850132/LCS Operator: TWS
Run Time: 09/04/08 13:34:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07179	1.0173	.08381	.95311	.94894	.70567	1.0269
SDev	.00105	.0014	.00111	.00244	.00272	.00260	.0042
%RSD	1.4702	.13589	1.3219	.25617	.28652	.36818	.41005
#1	.07104	1.0183	.08302	.95484	.94701	.70384	1.0299
#2	.07253	1.0164	.08459	.95139	.95086	.70751	1.0240
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94505	.98833	.98791	.08996	.43777	.14651	.99195
SDev	.00116	.00043	.00093	.00853	.00799	.00273	.00141
%RSD	.12301	.04351	.09388	9.4817	1.8244	1.8627	.14195
#1	.94587	.98803	.98857	.08392	.43212	.14458	.99295
#2	.94423	.98863	.98726	.09599	.44342	.14844	.99096
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1068.7	.99479	.98087	.98575	.98413	1.0512	1.0004
SDev	2.0	.00081	.00181	.00372	.00188	.0033	.0023
%RSD	.18289	.08112	.18478	.37736	.19078	.31514	.23042
#1	1070.1	.99422	.98216	.98312	.98280	1.0489	1.0021
#2	1067.3	.99536	.97959	.98838	.98545	1.0536	.99882
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0520	1.0509	.00062	1.0140	.99658	1.0242	.00213
SDev	.0027	.0036	.00000	.0024	.00239	.0002	.00115
%RSD	.25289	.34629	.13639	.23272	.24019	.02383	53.942
#1	1.0501	1.0483	.00062	1.0157	.99828	1.0244	.00294
#2	1.0539	1.0534	.00062	1.0124	.99489	1.0240	.00132
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.96473	.97951
SDev	.00252	.00607
%RSD	.26157	.61972
#1	.96651	.97522
#2	.96294	.98381
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6504	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.1092640	--	--	--	--	--	--
#1	6499	--	--	--	--	--	--
#2	6509	--	--	--	--	--	--

Analysis Report 09/04/08 01:44:14 PM page 1

Method: TRACE1 Sample Name: AD850131/EBLK Operator: TWS
Run Time: 09/04/08 13:39:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07419	-.00144	H.08473	H.00494	.00044	H.70373	.00002
SDev	.00597	.00025	.00007	.00007	.00008	.00493	.00015
%RSD	8.0441	17.306	.08140	1.5161	17.158	.70092	702.67
#1	.07841	-.00126	H.08478	H.00499	.00049	H.70721	.00013
#2	.06997	-.00161	H.08468	H.00489	.00039	H.70024	-.00008
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00090	.00034	.01274	.41158	.14442	.00097
SDev	.00004	.00007	.00030	.00178	.00269	.00765	.00001
%RSD	37.306	8.0451	86.024	13.999	.65431	5.2941	.53812
#1	-.00008	.00085	.00055	.01400	.41348	.14982	.00098
#2	-.00015	.00095	.00013	.01148	.40968	.13901	.00097
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1068.8	.00078	.00219	.00077	.00124	.00130	-.00027
SDev	3.4	.00072	.00149	.00139	.00043	.00488	.00047
%RSD	.32041	92.180	68.031	180.32	34.441	374.34	178.01
#1	H1071.3	.00027	.00114	.00175	.00154	.00475	.00007
#2	H1066.4	.00129	.00324	-.00021	.00094	-.00215	-.00060
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00390	.00000	.00048	-.00268	.00012	.00718	.00157
SDev	.00965	.00249	.00027	.00126	.00014	.00019	.00097
%RSD	247.23	63371.	56.165	46.985	122.68	2.6321	61.466
#1	.01073	.00177	.00067	-.00358	.00002	.00731	.00089
#2	-.00292	-.00176	.00029	-.00179	.00022	.00704	.00225
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00087	-.00009
SDev	.00003	.00079
%RSD	2.9996	915.53
#1	.00089	.00047
#2	.00085	-.00064
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6478	--	--	--	--	--	--
SDev	30.22882	--	--	--	--	--	--
%RSD	.4666615	--	--	--	--	--	--
#1	6456	--	--	--	--	--	--
#2	6499	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850110 Operator: TWS
Run Time: 09/04/08 13:44:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.274	.00129	.20227	.34802	.00058	70.625	.00044
SDev	.126	.00219	.00052	.00148	.00011	.023	.00003
%RSD	.95065	169.82	.25609	.42670	18.960	.03241	7.0790
#1	13.363	-.00026	.20264	.34907	.00066	70.609	.00041
#2	13.184	.00283	.20191	.34697	.00050	70.641	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	.01785	.00810	8.7605	7.5947	8.9221	.47833
SDev	.00013	.00021	.00061	.0713	.2505	.0288	.00102
%RSD	4.1966	1.1824	7.5371	.81424	3.2986	.32275	.21414
#1	.00301	.01770	.00767	8.8109	7.7719	8.9017	.47761
#2	.00320	.01800	.00854	8.7100	7.4176	8.9425	.47905
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1004.4	.01335	.00533	.00576	.00562	.00122	.00228
SDev	3.8	.00043	.00047	.00273	.00166	.00198	.00281
%RSD	.38183	3.1927	8.7130	47.326	29.618	162.68	122.97
#1	H1007.1	.01305	.00500	.00769	.00679	.00262	.00030
#2	H1001.7	.01365	.00566	.00383	.00444	-.00018	.00427
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00527	-.00080	.41163	-.00220	.02346	.04739	.00421
SDev	.00373	.00112	.01511	.00142	.00009	.00020	.00036
%RSD	70.724	138.88	3.6701	64.461	.38457	.42956	8.5957
#1	.00790	-.00001	.42231	-.00120	.02352	.04753	.00395
#2	.00263	-.00159	.40095	-.00320	.02339	.04724	.00446
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00019	-.00100
SDev	.00038	.00017
%RSD	205.55	17.422
#1	-.00008	-.00113
#2	.00046	-.00088
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6688	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.4123256	--	--	--	--	--	--
#1	6669	--	--	--	--	--	--
#2	6708	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850111 Operator: TWS
Run Time: 09/04/08 13:49:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3734	-.00117	.14960	.31172	.00067	118.24	.00021
SDev	.0059	.00067	.00033	.00034	.00006	.27	.00015
%RSD	.17624	57.611	.21792	.11044	9.3886	.23206	71.459
#1	3.3776	-.00164	.14937	.31148	.00063	118.05	.00031
#2	3.3692	-.00069	.14983	.31197	.00072	118.44	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.01137	.00198	2.1893	3.8970	9.6116	.43747
SDev	.00022	.00065	.00014	.0069	.0224	.0046	.00028
%RSD	15.294	5.7213	7.1909	.31708	.57535	.04811	.06314
#1	.00129	.01091	.00188	2.1844	3.8811	9.6084	.43727
#2	.00160	.01183	.00208	2.1942	3.9128	9.6149	.43766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1073.4	.00595	.00265	.00056	.00125	-.00002	-.00079
SDev	.8	.00039	.00118	.00034	.00062	.00145	.00100
%RSD	.07563	6.5778	44.578	60.244	49.214	7945.9	126.43
#1	H1072.9	.00567	.00348	.00079	.00169	.00101	-.00008
#2	H1074.0	.00622	.00181	.00032	.00082	-.00104	-.00150
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	-.00058	.09681	-.00289	.00574	.01404	.00299
SDev	.00213	.00324	.00203	.00151	.00002	.00094	.00097
%RSD	193.38	559.23	2.0980	52.068	.35407	6.6682	32.554
#1	-.00041	.00171	.09825	-.00396	.00572	.01337	.00231
#2	.00261	-.00287	.09537	-.00183	.00575	.01470	.00368
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	-.00041
SDev	.00120	.00042
%RSD	352.31	102.22
#1	-.00051	-.00071
#2	.00119	-.00011
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6450	--	--	--	--	--	--
SDev	20.47053	--	--	--	--	--	--
%RSD	.3173615	--	--	--	--	--	--
#1	6465	--	--	--	--	--	--
#2	6436	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850112 Operator: TWS
Run Time: 09/04/08 13:54:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15190	-.00053	.09904	.49825	.00108	740.08	.00079
SDev	.00136	.00177	.00013	.00060	.00001	1.25	.00010
%RSD	.89479	333.24	.13504	.12052	.93030	.16892	12.725
#1	.15286	-.00179	.09895	.49867	.00107	740.97	.00072
#2	.15094	.00072	.09914	.49782	.00109	739.20	.00086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.00065	-.00107	.06516	3.5119	13.091	2.7299
SDev	.00024	.00047	.00016	.00613	.0250	.040	.0072
%RSD	5.7124	71.240	14.620	9.4063	.71272	.30252	.26219
#1	.00442	.00032	-.00096	.06950	3.5296	13.119	2.7350
#2	.00407	.00098	-.00118	.06083	3.4942	13.063	2.7249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1084.7	.01324	.00225	.00175	.00192	-.00180	-.00193
SDev	.5	.00059	.00047	.00161	.00091	.00023	.00053
%RSD	.04455	4.4168	21.022	91.900	47.707	12.581	27.491
#1	H1085.1	.01366	.00192	.00288	.00256	-.00164	-.00156
#2	H1084.4	.01283	.00259	.00061	.00127	-.00197	-.00231
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	-.00391	.00171	-.00036	.00044	.00685	.00056
SDev	.00812	.00372	.00001	.00090	.00030	.00061	.00040
%RSD	338.10	95.190	.72510	247.35	67.577	8.8991	70.368
#1	.00814	-.00654	.00171	.00027	.00065	.00642	.00028
#2	-.00334	-.00128	.00172	-.00100	.00023	.00728	.00084
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00057	-.00147
SDev	.00047	.00188
%RSD	83.174	128.20
#1	.00090	-.00279
#2	.00023	-.00014
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6338	--	--	--	--	--	--
SDev	6.576300	--	--	--	--	--	--
%RSD	.1037558	--	--	--	--	--	--
#1	6343	--	--	--	--	--	--
#2	6334	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850113 Operator: TWS
Run Time: 09/04/08 13:59:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9234	-.00116	.11678	.22564	.00062	57.683	.00015
SDev	.0232	.00047	.00005	.00089	.00002	.242	.00007
%RSD	1.2051	40.726	.03901	.39597	3.9006	.41953	48.026
#1	1.9398	-.00149	.11675	.22627	.00064	57.855	.00010
#2	1.9070	-.00082	.11682	.22501	.00060	57.512	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00386	.00098	1.0829	3.0656	7.4343	.15508
SDev	.00008	.00027	.00011	.0115	.0013	.0335	.00045
%RSD	28.199	6.9411	11.399	1.0609	.04361	.45112	.29243
#1	.00022	.00367	.00090	1.0911	3.0665	7.4580	.15540
#2	.00033	.00405	.00106	1.0748	3.0646	7.4106	.15476
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1035.8	.00453	.00207	.00053	.00105	-.00078	.00275
SDev	1.2	.00008	.00365	.00124	.00039	.00150	.00112
%RSD	.11260	1.8427	176.39	232.00	37.478	191.73	40.566
#1	H1036.6	.00447	-.00051	.00141	.00077	-.00185	.00354
#2	H1035.0	.00459	.00466	-.00034	.00132	.00028	.00196
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00112	.05314	-.00072	.00367	.01989	.00102
SDev	.00553	.00051	.00144	.00292	.00030	.00036	.00076
%RSD	5162.5	45.728	2.7165	404.41	8.2598	1.7926	74.998
#1	-.00402	-.00076	.05416	.00134	.00346	.01964	.00156
#2	.00380	-.00148	.05211	-.00279	.00389	.02014	.00048
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00094	-.00072
SDev	.00006	.00041
%RSD	6.0020	56.909
#1	.00090	-.00043
#2	.00098	-.00101
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6503	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.2935745	--	--	--	--	--	--
#1	6517	--	--	--	--	--	--
#2	6490	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850114 Operator: TWS
Run Time: 09/04/08 14:04:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10842	-.00177	.11642	.43162	.00058	268.42	.00056
SDev	.00103	.00022	.00131	.00173	.00005	.93	.00006
%RSD	.94840	12.515	1.1264	.40067	9.0779	.34483	9.8513
#1	.10769	-.00161	.11735	.43285	.00061	269.07	.00052
#2	.10914	-.00193	.11549	.43040	.00054	267.76	.00060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00094	.00132	.02481	2.4458	37.823	.55312
SDev	.00039	.00030	.00009	.00167	.0254	.045	.00106
%RSD	166.21	32.532	6.9272	6.7238	1.0384	.11949	.19146
#1	-.00004	.00115	.00138	.02363	2.4638	37.855	.55387
#2	.00051	.00072	.00126	.02599	2.4279	37.791	.55237
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1061.9	.00378	.00162	.00203	.00189	-.00004	.00202
SDev	4.2	.00016	.00320	.00117	.00029	.00183	.00101
%RSD	.39557	4.2158	197.37	57.359	15.230	4630.7	50.317
#1	H1064.9	.00390	.00388	.00121	.00210	.00125	.00273
#2	H1058.9	.00367	-.00064	.00285	.00169	-.00133	.00130
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00476	-.00244	.00109	-.00023	-.00019	.00825	.00190
SDev	.00254	.00401	.00016	.00361	.00000	.00026	.00293
%RSD	53.340	164.33	14.793	1555.9	.12974	3.1335	154.42
#1	.00297	.00040	.00120	.00232	-.00019	.00807	.00397
#2	.00656	-.00528	.00097	-.00278	-.00019	.00843	-.00017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00004	-.00111
SDev	.00007	.00023
%RSD	153.99	20.746
#1	.00000	-.00128
#2	-.00009	-.00095
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6389	--	--	--	--	--	--
SDev	24.81917	--	--	--	--	--	--
%RSD	.3884794	--	--	--	--	--	--
#1	6371	--	--	--	--	--	--
#2	6406	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850115 Operator: TWS
Run Time: 09/04/08 14:09:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9275	.00152	.12475	.28989	.00037	121.14	.00177
SDev	.0315	.00065	.00133	.00445	.00008	1.68	.00000
%RSD	1.6364	42.835	1.0661	1.5348	20.497	1.3903	.16300
#1	1.9498	.00198	.12569	.29304	.00043	122.33	.00178
#2	1.9052	.00106	.12381	.28675	.00032	119.95	.00177
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.13716	.96392	1.1916	3.7018	10.495	1.6433
SDev	.00002	.00180	.01453	.0194	.0301	.149	.0215
%RSD	1.1746	1.3142	1.5072	1.6283	.81239	1.4199	1.3092
#1	.00158	.13843	.97420	1.2053	3.7231	10.600	1.6585
#2	.00161	.13588	.95365	1.1778	3.6805	10.390	1.6281
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1035.1	.01291	.00373	.00130	.00211	-.00219	-.00134
SDev	10.6	.00068	.00049	.00059	.00023	.00288	.00130
%RSD	1.0204	5.2300	12.998	45.196	10.960	131.13	97.260
#1	H1042.6	.01339	.00408	.00089	.00195	-.00423	-.00225
#2	H1027.7	.01243	.00339	.00172	.00228	-.00016	-.00042
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00648	-.00653	.05266	-.00095	.00322	.57082	.00055
SDev	.00229	.00317	.00126	.00332	.00004	.00938	.00016
%RSD	35.303	48.577	2.3895	349.18	1.1506	1.6440	30.016
#1	.00486	-.00877	.05355	-.00330	.00325	.57746	.00067
#2	.00809	-.00429	.05177	.00140	.00320	.56419	.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00041	-.00093
SDev	.00009	.00159
%RSD	23.041	172.21
#1	.00034	.00020
#2	.00047	-.00205
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6572	--	--	--	--	--	--
SDev	69.47324	--	--	--	--	--	--
%RSD	1.057033	--	--	--	--	--	--
#1	6523	--	--	--	--	--	--
#2	6622	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850116 Operator: TWS
Run Time: 09/04/08 14:14:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23566	-.00048	.10086	.46826	.00110	844.44	.00124
SDev	.00056	.00101	.00101	.00080	.00000	.23	.00015
%RSD	.23595	211.21	.99742	.17052	.39858	.02670	12.120
#1	.23605	-.00119	.10157	.46770	.00110	844.60	.00114
#2	.23527	.00024	.10015	.46883	.00109	844.28	.00135
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	.00079	-.00143	.14079	3.5436	16.736	2.0505
SDev	.00010	.00004	.00030	.00376	.0094	.021	.0002
%RSD	4.7426	5.4305	20.720	2.6691	.26579	.12759	.01055
#1	.00211	.00082	-.00122	.14345	3.5503	16.751	2.0506
#2	.00197	.00076	-.00163	.13813	3.5369	16.721	2.0503
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1077.6	.01058	-.00058	.00147	.00079	.00007	.00312
SDev	.8	.00019	.00099	.00020	.00019	.00041	.00265
%RSD	.07817	1.7574	172.17	13.766	24.676	579.28	84.723
#1	H1077.0	.01071	.00013	.00133	.00093	-.00022	.00125
#2	H1078.2	.01045	-.00128	.00161	.00065	.00036	.00500
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	-.00138	.00432	.00013	.00033	.00991	.00215
SDev	.00555	.00339	.00005	.00300	.00045	.00123	.00219
%RSD	186.99	246.47	1.2413	2345.5	134.49	12.373	102.07
#1	.00689	-.00378	.00428	.00225	.00002	.01078	.00369
#2	-.00096	.00102	.00436	-.00199	.00065	.00905	.00060
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00056	-.00055
SDev	.00019	.00090
%RSD	33.403	162.83
#1	.00042	.00008
#2	.00069	-.00119
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6288	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.1349376	--	--	--	--	--	--
#1	6282	--	--	--	--	--	--
#2	6294	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:27:27 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 14:22:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.249	.49239	.47161	.47937	.49010	24.889	.50810
SDev	.039	.00167	.00220	.00056	.00084	.110	.00188
%RSD	.16232	.33865	.46602	.11793	.17217	.44318	.37025
#1	24.277	.49357	.47317	.47977	.49070	24.967	.50943
#2	24.221	.49121	.47006	.47897	.48951	24.811	.50677
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49423	.51564	.48051	25.038	24.005	24.610	.50424
SDev	.00128	.00073	.00039	.074	.006	.062	.00156
%RSD	.25853	.14204	.08078	.29626	.02699	.25376	.30923
#1	.49513	.51616	.48078	25.091	24.009	24.654	.50534
#2	.49332	.51512	.48023	24.986	24.000	24.566	.50313
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.532	.50374	.50398	.50623	.50548	.51302	.51418
SDev	.074	.00112	.00241	.00389	.00340	.00092	.00103
%RSD	.31273	.22277	.47905	.76827	.67225	.17946	.20099
#1	23.584	.50454	.50568	.50898	.50788	.51367	.51491
#2	23.480	.50295	.50227	.50348	.50308	.51237	.51345
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51510	.51198	.50679	.51705	.49709	.50478	.51650
SDev	.00286	.00005	.00104	.00305	.00223	.00225	.00030
%RSD	.55502	.00947	.20495	.58913	.44840	.44509	.05865
#1	.51713	.51195	.50752	.51921	.49867	.50637	.51672
#2	.51308	.51202	.50606	.51490	.49551	.50319	.51629
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48911	.48676
SDev	.00098	.00203
%RSD	.19991	.41700
#1	.48980	.48820
#2	.48842	.48533
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6496	--	--	--	--	--	--
SDev	6.257619	--	--	--	--	--	--
%RSD	.0963240	--	--	--	--	--	--
#1	6492	--	--	--	--	--	--
#2	6501	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 02:32:30 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 14:27:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04596	.00067	.00098	.00018	.00045	.03984	.00011
SDev	.01241	.00082	.00001	.00012	.00012	.01632	.00011
%RSD	27.006	122.36	.58252	67.833	25.526	40.959	102.66
#1	.05474	.00125	.00098	.00026	.00054	.05138	.00018
#2	.03718	.00009	.00097	.00009	.00037	.02830	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00009	-.00079	.00293	.01393	.02083	.00030
SDev	.00009	.00000	.00010	.00682	.00243	.00022	.00010
%RSD	289.42	2.0356	13.233	232.66	17.472	1.0514	32.821
#1	-.00003	.00009	-.00072	.00775	.01221	.02067	.00037
#2	.00009	.00009	-.00087	-.00189	.01565	.02098	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05862	.00023	.00005	.00028	.00020	.00015	-.00066
SDev	.04319	.00002	.00147	.00039	.00075	.00025	.00022
%RSD	73.676	6.3116	2863.7	140.27	370.27	169.56	33.366
#1	-.02808	.00024	.00109	.00055	.00073	-.00003	-.00050
#2	-.08916	.00022	-.00099	.00000	-.00033	.00033	-.00081
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00292	.00168	.00056	-.00017	.00042	.00018	.00126
SDev	.00480	.00202	.00024	.00109	.00029	.00001	.00057
%RSD	164.13	119.96	43.179	638.17	69.959	2.6690	45.523
#1	-.00631	.00311	.00074	-.00094	.00062	.00019	.00086
#2	.00047	.00026	.00039	.00060	.00021	.00018	.00167
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00085	-.00209
SDev	.00006	.00285
%RSD	6.8158	136.23
#1	.00089	-.00008
#2	.00081	-.00411
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6577	--	--	--	--	--	--
SDev	17.81923	--	--	--	--	--	--
%RSD	.2709366	--	--	--	--	--	--
#1	6564	--	--	--	--	--	--
#2	6590	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850117 Operator: TWS
Run Time: 09/04/08 14:32:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18910	-.00223	.09403	.44620	.00024	367.07	.00082
SDev	.00312	.00128	.00080	.00280	.00001	1.07	.00003
%RSD	1.6494	57.236	.85396	.62664	2.8035	.29252	3.4713
#1	.19130	-.00313	.09459	.44423	.00024	366.32	.00080
#2	.18689	-.00133	.09346	.44818	.00025	367.83	.00084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	.00142	.00359	.06263	2.7969	13.655	1.8054
SDev	.00007	.00020	.00014	.00320	.0215	.054	.0038
%RSD	3.3431	13.810	3.8140	5.1085	.76812	.39722	.20966
#1	.00210	.00128	.00369	.06489	2.8121	13.617	1.8027
#2	.00200	.00156	.00349	.06036	2.7817	13.693	1.8081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1031.8	.00821	.00142	.00219	.00193	-.00058	-.00212
SDev	3.4	.00013	.00164	.00104	.00124	.00431	.00071
%RSD	.33198	1.5662	115.25	47.396	64.035	744.73	33.279
#1	H1029.4	.00830	.00026	.00146	.00106	-.00362	-.00162
#2	H1034.2	.00812	.00259	.00292	.00281	.00247	-.00262
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00321	-.00247	.00275	-.00003	.00021	.01378	.00122
SDev	.00306	.00493	.00042	.00459	.00057	.00018	.00037
%RSD	95.277	199.30	15.393	16184.	275.53	1.3342	30.121
#1	.00105	-.00596	.00305	.00322	.00061	.01365	.00096
#2	.00538	.00101	.00245	-.00327	-.00019	.01391	.00148
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00054	-.00116
SDev	.00011	.00063
%RSD	20.608	53.796
#1	.00046	-.00161
#2	.00062	-.00072
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6669	--	--	--	--	--	--
SDev	17.60689	--	--	--	--	--	--
%RSD	.2639931	--	--	--	--	--	--
#1	6682	--	--	--	--	--	--
#2	6657	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850118 Operator: TWS
Run Time: 09/04/08 14:37:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7156	.00080	.11432	.20532	.00060	40.649	.00015
SDev	.0228	.00090	.00249	.00045	.00001	.013	.00005
%RSD	.61265	111.69	2.1818	.22004	1.8178	.03188	34.568
#1	3.7317	.00017	.11608	.20564	.00060	40.640	.00018
#2	3.6995	.00144	.11255	.20500	.00061	40.658	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.00490	.00285	2.3240	4.1454	4.1589	.16174
SDev	.00007	.00004	.00039	.0170	.0045	.0000	.00015
%RSD	6.4271	.86686	13.644	.73262	.10853	.00088	.08944
#1	.00113	.00493	.00312	2.3361	4.1423	4.1589	.16164
#2	.00104	.00487	.00257	2.3120	4.1486	4.1589	.16185
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1023.7	.00592	.00209	-.00231	-.00084	.00239	.00161
SDev	.4	.00009	.00061	.00079	.00032	.00081	.00235
%RSD	.03519	1.5255	29.221	34.283	38.448	33.642	145.70
#1	H1024.0	.00586	.00252	-.00287	-.00107	.00296	-.00005
#2	H1023.5	.00599	.00166	-.00175	-.00062	.00182	.00328
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00332	.00193	.09802	.00053	.00615	.01883	.00162
SDev	.00154	.00198	.00356	.00354	.00015	.00016	.00076
%RSD	46.488	102.70	3.6332	662.27	2.3970	.84901	47.293
#1	.00223	.00333	.10054	.00304	.00626	.01894	.00216
#2	.00442	.00053	.09551	-.00197	.00605	.01871	.00108
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00069	-.00138
SDev	.00015	.00046
%RSD	21.182	33.061
#1	.00079	-.00105
#2	.00059	-.00170
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6550	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.0696287	--	--	--	--	--	--
#1	6547	--	--	--	--	--	--
#2	6554	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850119 Operator: TWS
Run Time: 09/04/08 14:42:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99681	.00040	.17505	.24383	.00076	84.023	.00182
SDev	.00748	.00131	.00006	.00129	.00005	.534	.00021
%RSD	.75036	325.75	.03710	.52799	6.5919	.63520	11.532
#1	1.0021	.00133	.17509	.24474	.00080	84.400	.00167
#2	.99152	-.00053	.17500	.24292	.00073	83.645	.00196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00263	.17548	.34560	.76878	3.6494	10.739	.73762
SDev	.00012	.00048	.00225	.00062	.0188	.070	.00394
%RSD	4.3955	.27335	.65012	.08044	.51402	.64814	.53425
#1	.00255	.17581	.34719	.76834	3.6627	10.789	.74041
#2	.00271	.17514	.34402	.76921	3.6362	10.690	.73484
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1060.3	.01690	.00189	.00259	.00236	.00478	.00317
SDev	4.3	.00038	.00079	.00041	.00054	.00098	.00374
%RSD	.40710	2.2593	41.861	15.949	22.864	20.511	117.95
#1	H1063.4	.01717	.00133	.00230	.00198	.00408	.00053
#2	H1057.3	.01663	.00245	.00288	.00274	.00547	.00582
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00855	.00289	.02841	-.00029	.00218	.55985	.00367
SDev	.00338	.00022	.00122	.00210	.00014	.00355	.00117
%RSD	39.583	7.7056	4.2891	737.09	6.4884	.63423	31.941
#1	.00616	.00305	.02755	.00120	.00208	.56236	.00284
#2	.01094	.00273	.02927	-.00177	.00228	.55734	.00450
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00082	-.00202
SDev	.00004	.00056
%RSD	4.5469	27.631
#1	.00079	-.00242
#2	.00085	-.00163
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6404	--	--	--	--	--	--
SDev	16.75857	--	--	--	--	--	--
%RSD	.2616727	--	--	--	--	--	--
#1	6393	--	--	--	--	--	--
#2	6416	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850120 Operator: TWS
Run Time: 09/04/08 14:47:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20876	.00059	.09205	.53386	.00088	781.40	.00095
SDev	.00344	.00030	.00068	.00044	.00003	.90	.00004
%RSD	1.6490	52.051	.73607	.08173	3.6187	.11493	3.8028
#1	.21120	.00080	.09157	.53355	.00090	780.76	.00098
#2	.20633	.00037	.09253	.53416	.00086	782.03	.00092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00173	.00118	.10806	3.7984	13.206	.95941
SDev	.00023	.00001	.00045	.00152	.0163	.017	.00060
%RSD	25.415	.27572	38.100	1.4091	.43041	.12875	.06253
#1	.00075	.00172	.00087	.10914	3.7868	13.194	.95898
#2	.00107	.00173	.00150	.10698	3.8099	13.218	.95983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1062.9	.01028	-.00074	.00187	.00100	.00363	-.00079
SDev	1.2	.00004	.00065	.00144	.00118	.00165	.00413
%RSD	.11334	.37899	86.813	77.048	117.63	45.471	522.20
#1	H1062.1	.01031	-.00029	.00289	.00183	.00247	.00213
#2	H1063.8	.01025	-.00120	.00085	.00017	.00480	-.00371
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00491	.00300	.00318	.00062	.00074	.01049	.00146
SDev	.00415	.00041	.00035	.00012	.00044	.00032	.00039
%RSD	84.444	13.558	10.933	19.775	59.238	3.0634	26.653
#1	.00198	.00271	.00343	.00054	.00105	.01027	.00173
#2	.00784	.00329	.00294	.00071	.00043	.01072	.00118
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00097	.00029
SDev	.00024	.00047
%RSD	25.178	162.62
#1	.00114	-.00004
#2	.00080	.00062
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6429	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.2062137	--	--	--	--	--	--
#1	6439	--	--	--	--	--	--
#2	6420	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850121 Operator: TWS
Run Time: 09/04/08 14:52:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6696	.00078	.12993	.16409	.00074	37.343	.00054
SDev	.0262	.00075	.00122	.00050	.00007	.020	.00011
%RSD	.56126	96.192	.93812	.30644	9.4262	.05370	20.817
#1	4.6881	.00025	.12907	.16445	.00079	37.329	.00062
#2	4.6511	.00131	.13079	.16373	.00069	37.357	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.11621	.19568	2.9392	4.6139	9.0956	.32176
SDev	.00014	.00069	.00071	.0064	.0774	.0159	.00047
%RSD	9.3841	.59436	.36217	.21815	1.6768	.17510	.14713
#1	.00140	.11670	.19618	2.9437	4.6686	9.0843	.32142
#2	.00160	.11573	.19518	2.9347	4.5592	9.1068	.32209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1045.1	.01238	.00926	.00707	.00780	.00177	.00339
SDev	3.7	.00029	.00076	.00060	.00065	.00276	.00104
%RSD	.35260	2.3102	8.1663	8.4439	8.3341	155.92	30.647
#1	H1047.7	.01217	.00873	.00665	.00734	.00372	.00266
#2	H1042.5	.01258	.00980	.00749	.00826	-.00018	.00413
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00336	.00098	.11056	-.00298	.00865	.16925	.00237
SDev	.00269	.00279	.00522	.00045	.00046	.00096	.00000
%RSD	80.199	286.23	4.7263	15.248	5.3449	.56920	.05855
#1	.00526	.00295	.11425	-.00330	.00898	.16993	.00237
#2	.00145	-.00100	.10686	-.00266	.00832	.16857	.00237
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00029	-.00204
SDev	.00029	.00059
%RSD	98.503	29.090
#1	.00009	-.00162
#2	.00050	-.00246
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6505	--	--	--	--	--	--
SDev	19.94020	--	--	--	--	--	--
%RSD	.3065201	--	--	--	--	--	--
#1	6491	--	--	--	--	--	--
#2	6519	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850122 Operator: TWS
Run Time: 09/04/08 14:57:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.3503	.00377	.20605	.41408	.00063	121.24	.00914
SDev	.1180	.00034	.00084	.00129	.00001	.24	.00008
%RSD	1.6050	8.8852	.40569	.31256	.80609	.20182	.85308
#1	7.4338	.00400	.20664	.41316	.00063	121.06	.00908
#2	7.2669	.00353	.20545	.41499	.00063	121.41	.00919
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00946	.03852	.01249	4.9641	5.3486	19.145	.66765
SDev	.00019	.00023	.00085	.0112	.1226	.001	.00026
%RSD	2.0463	.59679	6.7695	.22544	2.2927	.00673	.03851
#1	.00932	.03835	.01189	4.9720	5.4353	19.144	.66746
#2	.00960	.03868	.01309	4.9561	5.2619	19.146	.66783
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1047.1	.02218	.55843	.56528	.56300	.00048	.00726
SDev	2.2	.00025	.00091	.00059	.00009	.00329	.00105
%RSD	.21081	1.1260	.16367	.10346	.01522	685.61	14.463
#1	H1045.5	.02200	.55908	.56487	.56294	.00281	.00652
#2	H1048.7	.02235	.55778	.56570	.56306	-.00185	.00800
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	-.00079	.20448	-.00041	.01438	1.7473	.00476
SDev	.00298	.00345	.01066	.00262	.00015	.0061	.00018
%RSD	98.507	435.84	5.2110	639.33	1.0517	.35152	3.7444
#1	.00513	.00165	.21201	.00144	.01449	1.7430	.00463
#2	.00092	-.00323	.19695	-.00226	.01427	1.7516	.00489
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00099	-.00212
SDev	.00003	.00023
%RSD	3.4037	10.838
#1	.00101	-.00196
#2	.00097	-.00228
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6480	--	--	--	--	--	--
SDev	4.454635	--	--	--	--	--	--
%RSD	.0687396	--	--	--	--	--	--
#1	6477	--	--	--	--	--	--
#2	6484	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850123 Operator: TWS
Run Time: 09/04/08 15:02:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20519	-.00010	.10772	.60254	.00125	660.30	.00103
SDev	.00416	.00137	.00075	.00084	.00005	.89	.00011
%RSD	2.0287	1420.9	.69830	.13921	3.9763	.13473	10.781
#1	.20814	-.00106	.10825	.60313	.00122	659.67	.00095
#2	.20225	.00087	.10719	.60195	.00129	660.93	.00110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11853	.00007	.00678	.10271	13.058	6.7702	5.4900
SDev	.00005	.00048	.00010	.00265	.027	.0139	.0041
%RSD	.04584	682.55	1.5076	2.5750	.20472	.20482	.07552
#1	.11857	-.00027	.00671	.10458	13.077	6.7604	5.4871
#2	.11850	.00041	.00685	.10084	13.039	6.7800	5.4930
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1076.6	.12948	.00007	.00142	.00097	.00228	.00173
SDev	1.1	.00088	.00015	.00040	.00022	.00029	.00232
%RSD	.10528	.67954	211.63	28.555	22.876	12.894	133.98
#1	H1077.4	.13010	-.00003	.00171	.00113	.00248	.00009
#2	H1075.8	.12886	.00017	.00113	.00081	.00207	.00338
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00420	.00131	.00238	.00384	.00001	.10799	.00261
SDev	.00266	.00177	.00052	.00405	.00000	.00032	.00058
%RSD	63.356	135.07	22.108	105.52	9.1109	.29478	22.260
#1	.00232	.00257	.00275	.00670	.00001	.10822	.00303
#2	.00609	.00006	.00200	.00097	.00001	.10777	.00220
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00002	.00002
SDev	.00002	.00167
%RSD	94.503	9086.4
#1	-.00001	.00120
#2	-.00003	-.00116
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6409	--	--	--	--	--	--
SDev	1.272654	--	--	--	--	--	--
%RSD	.0198571	--	--	--	--	--	--
#1	6408	--	--	--	--	--	--
#2	6410	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850124 Operator: TWS
Run Time: 09/04/08 15:07:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31871	-.00028	.11398	.34666	.00109	270.61	.00173
SDev	.00819	.00109	.00095	.00076	.00002	.74	.00003
%RSD	2.5695	388.64	.82958	.21922	1.8313	.27355	1.9561
#1	.32450	-.00105	.11331	.34720	.00110	271.14	.00176
#2	.31292	.00049	.11464	.34613	.00108	270.09	.00171
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04446	.00160	.00137	.14879	10.102	6.6292	3.6325
SDev	.00021	.00052	.00047	.00610	.024	.0176	.0094
%RSD	.48322	32.452	34.537	4.0988	.24192	.26532	.25822
#1	.04461	.00123	.00104	.14448	10.119	6.6416	3.6391
#2	.04431	.00197	.00171	.15310	10.084	6.6167	3.6259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1055.0	.03287	.00280	.00178	.00212	-.00010	.00105
SDev	1.5	.00016	.00175	.00101	.00009	.00325	.00063
%RSD	.14587	.49353	62.502	56.420	4.1993	3407.7	60.050
#1	H1056.0	.03276	.00156	.00250	.00218	.00220	.00149
#2	H1053.9	.03299	.00403	.00107	.00206	-.00239	.00060
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00546	-.00287	.00454	-.00062	.00106	.11623	.00174
SDev	.00306	.00640	.00076	.00266	.00029	.00003	.00040
%RSD	56.115	222.90	16.862	430.57	27.712	.02621	22.682
#1	.00329	.00165	.00400	.00126	.00085	.11625	.00146
#2	.00762	-.00740	.00508	-.00250	.00127	.11620	.00202
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00111	-.00201
SDev	.00029	.00247
%RSD	26.120	122.87
#1	.00091	-.00026
#2	.00132	-.00375
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6395	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0265345	--	--	--	--	--	--
#1	6394	--	--	--	--	--	--
#2	6397	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850124/L (1:5) Operator: TWS
Run Time: 09/04/08 15:12:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13858	.00050	.02451	.07022	.00060	54.028	.00028
SDev	.00635	.00123	.00022	.00014	.00001	.105	.00017
%RSD	4.5839	246.44	.91723	.20285	2.2400	.19437	62.740
#1	.14307	-.00037	.02467	.07032	.00061	54.102	.00015
#2	.13409	.00137	.02436	.07012	.00060	53.954	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00891	.00034	-.00119	.03551	1.5365	1.3446	.73951
SDev	.00060	.00004	.00008	.00262	.0078	.0007	.00109
%RSD	6.7163	11.603	6.5726	7.3899	.50805	.05376	.14702
#1	.00934	.00031	-.00114	.03736	1.5420	1.3441	.74028
#2	.00849	.00037	-.00125	.03365	1.5310	1.3451	.73875
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	258.39	.00644	.00285	-.00041	.00068	-.00078	.00268
SDev	.08	.00004	.00024	.00150	.00108	.00068	.00119
%RSD	.02959	.63663	8.4249	368.79	159.09	87.664	44.431
#1	258.44	.00647	.00268	-.00147	-.00008	-.00126	.00184
#2	258.34	.00641	.00302	.00065	.00144	-.00030	.00353
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00177	-.00205	.00117	-.00395	.00032	.02377	.00072
SDev	.00157	.00024	.00026	.00186	.00015	.00001	.00097
%RSD	88.784	11.622	22.207	47.009	45.175	.05856	133.76
#1	.00066	-.00222	.00099	-.00264	.00022	.02378	.00140
#2	.00287	-.00188	.00136	-.00527	.00043	.02377	.00004
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00097	-.00169
SDev	.00003	.00000
%RSD	3.5591	.00777
#1	.00100	-.00169
#2	.00095	-.00169
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6459	--	--	--	--	--	--
SDev	3.500317	--	--	--	--	--	--
%RSD	.0541947	--	--	--	--	--	--
#1	6456	--	--	--	--	--	--
#2	6461	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850124/PS Operator: TWS
Run Time: 09/04/08 15:17:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28607	1.0240	.11266	1.3142	.96608	265.65	1.0174
SDev	.00826	.0010	.00052	.0071	.00104	.83	.0049
%RSD	2.8877	.09823	.45688	.54036	.10748	.31131	.48249
#1	.29191	1.0233	.11229	1.3192	.96682	266.23	1.0209
#2	.28023	1.0247	.11302	1.3091	.96535	265.06	1.0139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99379	1.0007	.97053	.22425	9.9362	6.5974	4.5830
SDev	.00243	.0069	.00711	.01159	.1060	.0026	.0049
%RSD	.24447	.69166	.73288	5.1706	1.0672	.03978	.10682
#1	.99550	1.0056	.97556	.23244	10.011	6.5955	4.5865
#2	.99207	.99578	.96550	.21605	9.8612	6.5992	4.5795
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1050.6	1.0229	.99639	1.0024	1.0004	1.0624	1.0669
SDev	5.7	.0034	.00124	.0026	.0013	.0071	.0064
%RSD	.54224	.33080	.12465	.26358	.13481	.66702	.60286
#1	H1054.6	1.0253	.99551	1.0043	1.0013	1.0674	1.0714
#2	H1046.5	1.0205	.99727	1.0005	.99943	1.0574	1.0623
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0519	1.0677	.00486	1.0409	1.0134	1.1178	.00082
SDev	.0102	.0055	.00263	.0163	.0072	.0088	.00001
%RSD	.96763	.51893	54.085	1.5700	.71405	.78732	1.4154
#1	1.0591	1.0716	.00671	1.0524	1.0185	1.1241	.00081
#2	1.0447	1.0637	.00300	1.0293	1.0083	1.1116	.00082
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0177	1.0138
SDev	.0049	.0035
%RSD	.48221	.34206
#1	1.0212	1.0114
#2	1.0143	1.0163
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6363	--	--	--	--	--	--
SDev	29.59249	--	--	--	--	--	--
%RSD	.4650877	--	--	--	--	--	--
#1	6342	--	--	--	--	--	--
#2	6384	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 03:30:52 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 15:25:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.238	.49321	.47012	.48365	.49450	24.883	.50078
SDev	.069	.00003	.00205	.00373	.00374	.045	.00027
%RSD	.28271	.00571	.43639	.77016	.75554	.17905	.05423
#1	24.287	.49323	.47157	.48629	.49714	24.915	.50059
#2	24.190	.49319	.46867	.48102	.49186	24.852	.50097
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49432	.51856	.48458	24.858	Q22.240	24.813	.50502
SDev	.00176	.00150	.00360	.074	.166	.079	.00088
%RSD	.35592	.28964	.74198	.29620	.74454	.31733	.17412
#1	.49556	.51962	.48712	24.910	Q22.123	24.869	.50564
#2	.49307	.51749	.48203	24.806	Q22.357	24.757	.50440
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.469	.50471	.50441	.50334	.50370	.50585	.51077
SDev	.131	.00200	.00163	.00001	.00054	.00413	.00609
%RSD	.55959	.39585	.32394	.00195	.10672	.81540	1.1933
#1	23.562	.50613	.50557	.50334	.50408	.50877	.51508
#2	23.376	.50330	.50326	.50335	.50332	.50294	.50646
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50429	.50664	.50889	.50214	.49612	.51282	.49729
SDev	.00127	.00555	.00249	.00603	.00173	.00032	.00125
%RSD	.25100	1.0963	.48914	1.2012	.34819	.06272	.25119
#1	.50519	.51057	.51065	.49788	.49734	.51305	.49641
#2	.50340	.50271	.50713	.50641	.49489	.51259	.49817
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49286	.50252
SDev	.00279	.00328
%RSD	.56530	.65347
#1	.49483	.50484
#2	.49089	.50020
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6526	--	--	--	--	--	--
SDev	18.87954	--	--	--	--	--	--
%RSD	.2893150	--	--	--	--	--	--
#1	6512	--	--	--	--	--	--
#2	6539	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 03:35:54 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 15:30:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05743	.00022	.00274	.00025	.00071	.02889	-.00003
SDev	.00095	.00105	.00017	.00002	.00001	.00459	.00007
%RSD	1.6563	470.41	6.2574	6.6796	1.7474	15.890	281.65
#1	.05810	-.00052	.00286	.00026	.00072	.03213	-.00008
#2	.05675	.00097	.00262	.00024	.00070	.02564	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	-.00011	-.00188	.00538	.02873	.02537	.00053
SDev	.00021	.00049	.00005	.00173	.01033	.00167	.00003
%RSD	80.851	428.61	2.7467	32.185	35.962	6.5622	6.4043
#1	.00041	-.00046	-.00184	.00415	.02142	.02655	.00051
#2	.00011	.00023	-.00191	.00660	.03604	.02419	.00056
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05136	.00071	.00196	.00044	.00094	-.00347	.00217
SDev	.01702	.00067	.00032	.00093	.00051	.00119	.00165
%RSD	33.133	94.973	16.500	213.97	54.444	34.214	76.007
#1	-.03933	.00023	.00219	-.00022	.00058	-.00263	.00333
#2	-.06339	.00118	.00173	.00109	.00131	-.00431	.00100
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00460	-.00291	.00034	.00146	.00022	.00010	.00002
SDev	.00540	.00448	.00012	.00050	.00029	.00073	.00114
%RSD	117.47	153.93	35.394	34.455	132.20	712.39	4931.3
#1	-.00841	.00026	.00026	.00181	.00001	.00062	-.00079
#2	-.00078	-.00608	.00043	.00110	.00043	-.00041	.00083
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00082	.00068
SDev	.00000	.00022
%RSD	.34835	32.759
#1	.00082	.00084
#2	.00082	.00052
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6506	--	--	--	--	--	--
SDev	15.37957	--	--	--	--	--	--
%RSD	.2363842	--	--	--	--	--	--
#1	6517	--	--	--	--	--	--
#2	6495	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850125/MS Operator: TWS
Run Time: 09/04/08 15:35:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29637	1.0051	.11534	1.3000	.92783	274.76	1.0165
SDev	.00378	.0072	.00156	.0078	.00348	1.76	.0074
%RSD	1.2753	.71318	1.3561	.59867	.37539	.63953	.72350
#1	.29904	1.0102	.11644	1.3055	.93029	276.00	1.0217
#2	.29370	1.0000	.11423	1.2945	.92536	273.52	1.0113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97451	.97727	.99798	.21227	10.219	6.7495	4.6660
SDev	.00696	.00488	.00432	.00458	.073	.0368	.0287
%RSD	.71464	.49947	.43264	2.1602	.71122	.54470	.61487
#1	.97944	.98072	1.0010	.20902	10.270	6.7755	4.6863
#2	.96959	.97382	.99493	.21551	10.167	6.7235	4.6458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1068.9	1.0007	.96871	.97770	.97471	1.0531	1.0145
SDev	4.3	.0047	.00145	.00213	.00191	.0055	.0053
%RSD	.40515	.47050	.14995	.21787	.19540	.51815	.51864
#1	H1071.9	1.0040	.96974	.97921	.97605	1.0570	1.0182
#2	H1065.8	.99733	.96769	.97619	.97336	1.0493	1.0107
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0467	1.0563	.00335	1.0181	1.0014	1.1080	.00106
SDev	.0107	.0029	.00042	.0123	.0081	.0057	.00038
%RSD	1.0191	.26994	12.567	1.2097	.81248	.51646	36.279
#1	1.0543	1.0584	.00305	1.0268	1.0072	1.1120	.00133
#2	1.0392	1.0543	.00364	1.0094	.99566	1.1039	.00079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.98552	.97471
SDev	.00495	.00220
%RSD	.50188	.22546
#1	.98902	.97627
#2	.98202	.97316
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6262	--	--	--	--	--	--
SDev	1.166657	--	--	--	--	--	--
%RSD	.0186304	--	--	--	--	--	--
#1	6263	--	--	--	--	--	--
#2	6261	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850126/SD Operator: TWS
Run Time: 09/04/08 15:41:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26430	.98870	.11229	1.2719	.92115	268.78	.98702
SDev	.00142	.00094	.00076	.0008	.00097	.55	.00068
%RSD	.53802	.09563	.68114	.06465	.10486	.20288	.06938
#1	.26531	.98937	.11175	1.2713	.92047	268.40	.98654
#2	.26330	.98804	.11283	1.2725	.92183	269.17	.98751
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95591	.95402	.97493	.20783	10.000	6.6833	4.5858
SDev	.00158	.00110	.00118	.00385	.067	.0351	.0171
%RSD	.16574	.11547	.12104	1.8529	.67176	.52514	.37215
#1	.95479	.95480	.97577	.21056	10.048	6.6584	4.5738
#2	.95703	.95324	.97410	.20511	9.9530	6.7081	4.5979
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1056.8	.98825	.95495	.95878	.95750	1.0278	.99444
SDev	1.0	.00223	.00507	.00019	.00156	.0086	.00250
%RSD	.09193	.22587	.53108	.01945	.16339	.83984	.25187
#1	H1057.5	.98983	.95136	.95891	.95640	1.0340	.99267
#2	H1056.1	.98667	.95853	.95865	.95861	1.0217	.99621
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0226	1.0305	.00226	.98589	.97476	1.0908	.00051
SDev	.0064	.0098	.00044	.00052	.00145	.0019	.00116
%RSD	.62406	.94690	19.624	.05295	.14854	.17201	226.95
#1	1.0271	1.0374	.00258	.98626	.97579	1.0895	.00133
#2	1.0181	1.0236	.00195	.98552	.97374	1.0922	-.00031
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.96634	.96669
SDev	.00119	.00348
%RSD	.12348	.36010
#1	.96550	.96423
#2	.96719	.96915
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6453	--	--	--	--	--	--
SDev	11.56127	--	--	--	--	--	--
%RSD	.1791507	--	--	--	--	--	--
#1	6445	--	--	--	--	--	--
#2	6462	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850127 Operator: TWS
Run Time: 09/04/08 15:46:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93444	.00002	.11675	.36937	.00098	224.46	.00131
SDev	.00194	.00009	.00055	.00032	.00010	.27	.00028
%RSD	.20722	575.62	.47077	.08800	10.441	.11911	21.643
#1	.93308	.00008	.11713	.36914	.00091	224.27	.00111
#2	.93581	-.00005	.11636	.36960	.00105	224.64	.00151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05631	.00144	.00397	.69063	9.2105	5.4152	2.9070
SDev	.00027	.00024	.00030	.00666	.0211	.0021	.0031
%RSD	.47606	16.416	7.6379	.96394	.22935	.03958	.10605
#1	.05612	.00127	.00418	.68593	9.1956	5.4137	2.9048
#2	.05650	.00160	.00375	.69534	9.2255	5.4167	2.9092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1059.7	.04299	.03695	.03662	.03673	.00234	.00394
SDev	.1	.00013	.00230	.00049	.00044	.00168	.00067
%RSD	.01352	.30126	6.2151	1.3417	1.1895	71.837	17.038
#1	H1059.8	.04308	.03532	.03697	.03642	.00353	.00442
#2	H1059.6	.04290	.03857	.03628	.03704	.00115	.00347
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00630	.00036	.01840	.00003	.00174	.03261	.00171
SDev	.00341	.00082	.00412	.00056	.00015	.00026	.00000
%RSD	54.156	225.65	22.396	2064.1	8.4586	.79477	.02999
#1	.00871	.00094	.02131	.00043	.00163	.03280	.00171
#2	.00389	-.00022	.01548	-.00037	.00184	.03243	.00171
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00102	.00044
SDev	.00033	.00219
%RSD	32.125	500.16
#1	.00126	.00199
#2	.00079	-.00111
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6523	--	--	--	--	--	--
SDev	6.045625	--	--	--	--	--	--
%RSD	.0926842	--	--	--	--	--	--
#1	6527	--	--	--	--	--	--
#2	6519	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850128 Operator: TWS
Run Time: 09/04/08 15:51:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97027	-.00156	.11556	.54262	.00129	807.10	.00043
SDev	.00220	.00134	.00082	.00152	.00003	3.43	.00006
%RSD	.22697	86.332	.70783	.27992	2.7029	.42517	12.974
#1	.97182	-.00061	.11614	.54369	.00127	809.53	.00047
#2	.96871	-.00250	.11499	.54154	.00132	804.67	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00121	-.00172	.63351	3.6948	15.104	.47128
SDev	.00009	.00015	.00021	.00097	.0135	.077	.00200
%RSD	16.914	12.166	12.438	.15235	.36651	.50882	.42390
#1	.00047	.00131	-.00157	.63283	3.7044	15.158	.47270
#2	.00060	.00110	-.00188	.63419	3.6853	15.049	.46987
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1077.7	.00470	-.00066	.00014	-.00012	.00272	.00036
SDev	1.0	.00023	.00249	.00194	.00046	.00034	.00193
%RSD	.08956	4.8123	377.37	1348.5	374.52	12.483	539.99
#1	H1078.4	.00454	.00110	-.00123	-.00045	.00296	-.00101
#2	H1077.0	.00486	-.00242	.00151	.00020	.00248	.00172
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	.00273	.02505	.00012	.00192	.00827	.00233
SDev	.00234	.00066	.00267	.00391	.00001	.00033	.00240
%RSD	87.247	24.287	10.672	3135.9	.31694	4.0207	102.90
#1	.00434	.00226	.02316	.00289	.00193	.00851	.00403
#2	.00103	.00320	.02694	-.00264	.00192	.00804	.00064
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00098	-.00219
SDev	.00004	.00115
%RSD	3.8962	52.357
#1	.00096	-.00300
#2	.00101	-.00138
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6248	--	--	--	--	--	--
SDev	17.07690	--	--	--	--	--	--
%RSD	.2733103	--	--	--	--	--	--
#1	6236	--	--	--	--	--	--
#2	6260	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850129 Operator: TWS
Run Time: 09/04/08 15:56:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1850	-.00145	.12659	.49005	.00116	323.15	.00077
SDev	.0076	.00066	.00044	.00069	.00002	.76	.00006
%RSD	.64223	45.707	.34500	.14108	1.6507	.23637	8.1591
#1	1.1904	-.00098	.12690	.49054	.00115	323.69	.00072
#2	1.1796	-.00192	.12628	.48956	.00117	322.61	.00081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00211	.00181	.00015	.78884	3.6161	16.927	1.3686
SDev	.00016	.00052	.00006	.00155	.0015	.037	.0020
%RSD	7.6995	28.524	39.266	.19667	.04071	.21937	.14634
#1	.00200	.00144	.00011	.78774	3.6171	16.953	1.3701
#2	.00222	.00217	.00019	.78993	3.6150	16.900	1.3672
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1085.1	.00953	.00095	.00401	.00299	.00177	-.00212
SDev	.2	.00016	.00041	.00021	.00028	.00179	.00104
%RSD	.01946	1.6850	43.495	5.2397	9.2781	101.33	48.928
#1	H1085.0	.00965	.00124	.00416	.00318	.00050	-.00139
#2	H1085.3	.00942	.00066	.00386	.00279	.00304	-.00286
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00199	.03291	-.00032	.00246	.02393	.00245
SDev	.00305	.00421	.00086	.00098	.00015	.00020	.00260
%RSD	228.80	212.30	2.6217	310.82	5.9506	.85072	106.19
#1	.00349	-.00099	.03352	-.00101	.00256	.02379	.00428
#2	-.00082	.00497	.03230	.00038	.00235	.02408	.00061
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00109	-.00150
SDev	.00009	.00010
%RSD	7.9089	6.3448
#1	.00103	-.00144
#2	.00115	-.00157
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6240	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.1971824	--	--	--	--	--	--
#1	6248	--	--	--	--	--	--
#2	6231	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850130 Operator: TWS
Run Time: 09/04/08 16:13:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50220	-.00031	.11805	.41767	.00055	429.29	.00083
SDev	.00525	.00209	.00014	.00100	.00001	1.21	.00010
%RSD	1.0453	678.50	.12120	.24004	1.9869	.28219	12.155
#1	.50592	.00117	.11815	.41838	.00055	430.14	.00090
#2	.49849	-.00179	.11795	.41696	.00056	428.43	.00076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.00088	-.00032	.39125	6.9951	25.133	1.6448
SDev	.00002	.00033	.00010	.00351	.0029	.046	.0042
%RSD	.79587	36.975	32.515	.89705	.04125	.18484	.25667
#1	.00185	.00112	-.00039	.38877	6.9971	25.166	1.6478
#2	.00183	.00065	-.00025	.39373	6.9931	25.100	1.6418
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1026.1	.00633	.00056	.00213	.00161	.00364	.00056
SDev	1.0	.00011	.00098	.00064	.00076	.00239	.00129
%RSD	.10032	1.7552	175.89	30.035	46.928	65.674	230.39
#1	H1026.8	.00625	.00126	.00259	.00214	.00534	-.00035
#2	H1025.3	.00641	-.00014	.00168	.00108	.00195	.00148
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	.00436	.01097	-.00117	.00141	.01914	.00112
SDev	.00028	.00345	.00037	.00344	.00000	.00001	.00056
%RSD	12.731	79.080	3.4038	292.74	.03000	.03289	50.148
#1	.00241	.00680	.01124	-.00361	.00141	.01913	.00152
#2	.00201	.00192	.01071	.00126	.00141	.01914	.00073
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00063	-.00271
SDev	.00020	.00108
%RSD	32.292	39.932
#1	.00049	-.00195
#2	.00077	-.00348
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6605	--	--	--	--	--	--
SDev	1.909326	--	--	--	--	--	--
%RSD	.0289055	--	--	--	--	--	--
#1	6607	--	--	--	--	--	--
#2	6604	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 16:21:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.216	.48848	.47117	.47660	.48857	24.740	.50792
SDev	.084	.00671	.00029	.00112	.00190	.080	.00248
%RSD	.34700	1.3744	.06077	.23608	.38832	.32530	.48819
#1	24.276	.49323	.47137	.47740	.48991	24.796	.50968
#2	24.157	.48374	.47096	.47581	.48723	24.683	.50617
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49461	.51607	.47922	24.949	24.045	24.617	.50380
SDev	.00162	.00181	.00071	.090	.072	.080	.00153
%RSD	.32784	.35159	.14870	.36102	.29884	.32325	.30373
#1	.49576	.51735	.47973	25.013	24.096	24.673	.50488
#2	.49347	.51479	.47872	24.886	23.994	24.561	.50272
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.376	.50311	.50668	.50201	.50357	.51465	.51340
SDev	.036	.00187	.00117	.00139	.00132	.00470	.00097
%RSD	.15436	.37140	.23045	.27720	.26153	.91431	.18995
#1	23.401	.50443	.50750	.50300	.50450	.51797	.51408
#2	23.350	.50179	.50585	.50103	.50263	.51132	.51271
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50784	.51806	.50692	.51442	.49606	.50811	.50730
SDev	.01136	.00138	.00114	.00234	.00276	.00321	.00015
%RSD	2.2360	.26651	.22594	.45403	.55558	.63191	.02870
#1	.51587	.51903	.50773	.51607	.49801	.51038	.50741
#2	.49981	.51708	.50611	.51276	.49411	.50583	.50720
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 16:21 Filename: 1090408
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.216	.48848	.47116	.47660	.48856	24.740
SDev	.08403	.00671	.00028	.00112	.00189	.08047
%RSD	.347	1.3744	.06076	.23607	.38832	.32529

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50792	.49461	.51607	.47922	24.949	24.045
SDev	.00247	.00162	.00181	.00071	.09007	.07185
%RSD	.48818	.32784	.35159	.14869	.36101	.29884

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.617	.50379	23.376	.50310	.50667	.50201
SDev	.07957	.00153	.03608	.00186	.00116	.00139
%RSD	.32324	.30372	.15435	.37139	.23044	.27719

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50356	.51464	.51339	.50784	.51805	.50691
SDev	.00131	.0047	.00097	.01135	.00138	.00114
%RSD	.26152	.91431	.18994	2.236	.26651	.22594

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51441	.49605	.50810	.50730	.48910	.48748
SDev	.00233	.00275	.00321	.00014	.00103	.00551
%RSD	.45403	.55558	.63191	.0287	.21092	1.1317

Elems	*Y
Units	
Avge	6422.25
SDev	.63632
%RSD	.0099

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 16:26 Filename: 1090408
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02217	-.00026	.00102	.00022	.00016	.02276
SDev	.00273	.00128	.0005	.00005	0	.00074
%RSD	12.354	481.5	48.82	22.762	3.8399	3.2584

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00038	-.00025	-.00106	.00352	.03964
SDev	.00008	.00026	.00036	.00002	.00762	.00026
%RSD	90.126	69.278	142.78	2.3167	216.63	.68077

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01325	.00013	-.00523	-.00030	.00200	-.00158
SDev	.00057	0	.00001	.00023	.00032	.00057
%RSD	4.3206	.16342	.26591	78.504	16.35	36.509

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.00050	.00178	-.00125	.00138	.00058
SDev	.00049	.00266	.00001	.00394	.00203	.00022
%RSD	126.77	530.05	.56688	313.79	146.81	37.973

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00019	.00017	.00180	.00071	-.00088
SDev	.00437	0	.00028	.00056	.00022	.00094
%RSD	1356.7	.48192	167.39	31.34	31.128	106.63

Elems	*Y
Units	
Avge	6619.28
SDev	1.59099
%RSD	.02403

Method: TRACE1 Sample Name: AD848903 Operator: TWS
Run Time: 09/04/08 16:33 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.109	.02328	.03754	.24223	.00269	198.48
SDev	.01897	.00343	.0002	.00116	.00002	.35481
%RSD	.04302	14.773	.54163	.48121	.88479	.17876

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.03332	.05674	.08755	90.281	6.3742
SDev	.00035	.00009	.00061	.00067	.17234	.11191
%RSD	458.43	.2711	1.0849	.77386	.1909	1.7557

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.245	3.2911	1.0135	.07236	.07557	.06380
SDev	.15449	.00639	.08768	.0004	.00127	.00017
%RSD	.28481	.19437	8.6514	.55664	1.6869	.28207

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06772	-.00069	.00180	-.00275	.00033	1.4115
SDev	.00054	.00078	.00144	.00252	.00244	.00269
%RSD	.80406	112.7	80.091	91.733	734.63	.19073

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	.09627	.22581	.04087	.00028	.00161
SDev	.00056	.00004	.00186	.0023	.00061	.00143
%RSD	71.869	.05145	.82636	5.6311	219.41	89.304

Elems	*Y
Units	
Avge	6183.38
SDev	13.0459
%RSD	.21098

Method: TRACE1 Sample Name: AD849802/(1:5) Operator: TWS
Run Time: 09/04/08 16:38 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09100	.00475	.09629	.01214	.00040	19.506
SDev	.00162	.00019	.00057	.00001	0	.02888
%RSD	1.7882	4.1824	.59993	.11415	.45277	.14806

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.00306	.00015	-.00077	.25265	2.2891
SDev	.0002	.00025	.00005	.00051	.00469	.00275
%RSD	47.444	8.4366	36.605	65.968	1.8568	.12024

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.091	.27379	180.32	.00484	.00077	.00083
SDev	.04263	.00026	.1135	.00057	.0005	.00012
%RSD	.30255	.09736	.06294	11.956	64.367	14.64

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.00214	-.00059	-.00340	-.00151	.00113
SDev	.00008	.00215	.00149	.00537	.00054	.00003
%RSD	10.347	100.21	252.04	157.64	35.757	2.9043

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	.00011	.01572	.00152	.00026	.00693
SDev	.00057	.00014	.00002	.00208	.00021	.00051
%RSD	39.243	125.58	.18605	136.4	82.374	7.3793

Elems	*Y
Units	
Avge	6581.85
SDev	11.0309
%RSD	.16759

Method: TRACE1 Sample Name: AD849801/(1:10) Operator: TWS
Run Time: 09/04/08 16:43 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09485	.00191	1.1891	.01764	.00055	7.7400
SDev	.00194	.00051	.01125	.00005	.00005	.06109
%RSD	2.0521	26.994	.94651	.31139	9.6156	.78939

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00063	.00267	.01910	1.8445	15.408
SDev	.00007	.00024	.00005	.00032	.01353	.08521
%RSD	92.145	38.824	1.9874	1.6804	.73351	.55301

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5691	.05993	148.43	.02144	.00912	.00593
SDev	.02959	.00025	.85596	.00062	.00169	.00038
%RSD	.64761	.43303	.57667	2.8993	18.556	6.4265

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00699	-.00062	.00243	-.00194	.00004	.00166
SDev	.00081	.00223	.00487	.00028	.0032	.00014
%RSD	11.695	359.21	200.56	14.739	7799.1	8.7853

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00472	.00153	.04101	.00161	.00101	-.00040
SDev	.00308	.00014	.00023	.00135	.00021	.00083
%RSD	65.39	9.4009	.58469	83.791	21.229	206.32

Elems	*Y
Units	
Avge	6424.43
SDev	13.6822
%RSD	.21297

Method: TRACE1 Sample Name: AD849798/(1:5) Operator: TWS
Run Time: 09/04/08 16:48 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04114	.01112	.94151	.19974	.00021	27.004
SDev	.00763	.00121	.00062	.00086	.0001	.10247
%RSD	18.556	10.89	.0668	.4308	50.003	.37947

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00547	.00693	-.00133	20.056	62.942
SDev	.00002	.00018	.0003	.00023	.14494	.79825
%RSD	8.897	3.3471	4.3456	17.567	.7227	1.2682

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.910	.08621	177.88	.02303	.00400	.00063
SDev	.01125	.00001	1.3093	.00021	.00064	.00108
%RSD	.06283	.01708	.73605	.93129	16.198	169.87

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	-.00074	.00228	-.00043	-.00090	.00507
SDev	.0005	.00087	.00298	.0042	.00341	.00018
%RSD	28.745	117.28	130.45	956.78	378.42	3.611

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00196	.01389	.00430	.00185	.00028	-.00280
SDev	.00325	.00096	.00018	.00191	.00027	.00126
%RSD	165.38	6.9179	4.3169	103.02	96.627	45.121

Elems	*Y
Units	
Avge	6547.35
SDev	42.8507
%RSD	.65447

Method: TRACE1 Sample Name: AD849799/(1:10) Operator: TWS
Run Time: 09/04/08 16:53 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03138	.00383	1.3805	.08964	.00005	5.7111
SDev	.00398	.00211	.00196	.00007	0	.00624
%RSD	12.701	55.216	.14216	.08902	14.452	.10936

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.00736	.01613	.00765	.70562	55.645
SDev	.0001	.00025	.00029	.00035	.0008	.0222
%RSD	32.859	3.4359	1.8122	4.6711	.11438	.0399

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.530	.00931	219.93	.06393	.00225	-.00041
SDev	.00704	.00003	.56007	.00018	.0012	.00021
%RSD	.04264	.3386	.25466	.28477	53.49	52.423

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00019	.00062	.00161	-.00109	.02628
SDev	.00054	.00152	.00391	.00739	.0014	.00044
%RSD	115.77	802.02	624.78	457.59	128.62	1.6887

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	.01406	.03177	.00021	.00070	-.00037
SDev	.00192	.00028	.00029	.0019	.00011	.00031
%RSD	176.4	2.0417	.91926	904	15.871	85.766

Elems	*Y
Units	
Avge	6565.8
SDev	.42398
%RSD	.00645

Method: TRACE1 Sample Name: AD849800/(1:10) Operator: TWS
Run Time: 09/04/08 16:58 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03886	.00149	1.5761	.05628	.00008	8.4868
SDev	.00015	.00112	.00417	.00003	.00001	.00671
%RSD	.39791	75.601	.26494	.06213	21.505	.07908

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00487	.00903	.00122	.65385	63.822
SDev	.00015	.00017	.00071	.00054	.008	.10682
%RSD	65.053	3.4926	7.9231	44.321	1.2236	.16737

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.736	.01809	205.54	.03794	.00183	-.00024
SDev	.00592	.00007	.13875	.00013	.00199	.00012
%RSD	.02137	.38865	.0675	.34742	108.73	51.653

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00127	.00127	.00605	-.00111	.01515
SDev	.00074	.00326	.00018	.00295	.00342	0
%RSD	166.24	256.16	14.49	48.772	307.82	.02249

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	.00619	.05114	.00280	.00060	-.00217
SDev	.00017	.00015	.00017	.00056	.00007	.00013
%RSD	8.2603	2.542	.34753	20.315	11.804	6.2915

Elems	*Y
Units	
Avge	6579.08
SDev	13.8946
%RSD	.21119

Method: TRACE1 Sample Name: AD849635/(1:5) Operator: TWS
Run Time: 09/04/08 17:03 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.513	1.3630	.14409	2.0956	.00318	34.702
SDev	.02354	.00194	.00063	.00316	.00003	.00611
%RSD	.08557	.1425	.43816	.15088	1.2463	.01762

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05466	.20255	.16641	.74871	62.632	23.357
SDev	.00001	.00015	.00038	.00123	.01018	.1628
%RSD	.03235	.07683	.2315	.16495	.01625	.697

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.392	H148.26	4.7421	.33250	3.4434	3.4463
SDev	.0176	.12791	.03249	.00045	.0016	.0049
%RSD	.08631	.08627	.68528	.13609	.04663	.14239

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4453	.05783	.01564	.06894	.05228	1.2479
SDev	.00273	.00331	.00183	.00417	.00288	.00106
%RSD	.07948	5.7318	11.754	6.0586	5.5163	.08515

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00515	.24327	4.5825	.03116	-.00392	.08603
SDev	.00451	.00017	.00627	.00092	.00081	.00122
%RSD	87.6	.0717	.13701	2.9668	20.817	1.4283

Elems	*Y
Units	
Avge	6896.25
SDev	4.87896
%RSD	.07074

Method: TRACE1 Sample Name: AD849635/L (1:25) Operator: TWS
Run Time: 09/04/08 17:08 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9317	.29116	.03401	.44438	.00125	7.4570
SDev	.01916	.00007	.00027	.00024	.00001	.00019
%RSD	.32312	.02407	.79664	.05483	1.3556	.00256

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01190	.04331	.03159	.15714	13.571	5.0165
SDev	.00002	.00012	.00006	.00013	.00051	.00512
%RSD	.17312	.29622	.19536	.08723	.00376	.10218

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.3133	H51.400	.86583	.07445	.74741	.74431
SDev	.01231	.00315	.12679	.00072	.00035	.0029
%RSD	.28546	.00613	14.644	.97002	.04727	.38974

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74534	.00340	.00653	.00190	.00416	.26740
SDev	.00205	.00248	.00425	.00039	.00393	.00007
%RSD	.27538	72.99	65.026	20.962	94.446	.02699

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02733	.05199	1.0106	.00811	-.00065	.02005
SDev	.00376	.00018	.00217	.00038	.00021	.00066
%RSD	13.757	.36319	.21568	4.755	33.201	3.3203

Elems	*Y
Units	
Avge	6559.88
SDev	5.62129
%RSD	.08569

Method: TRACE1 Sample Name: AD849635/PS (1:5) Operator: TWS
Run Time: 09/04/08 17:13 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.201	1.8184	.52147	2.5822	.38912	55.833
SDev	.04278	.00272	.00286	.00163	.00038	.10795
%RSD	.08876	.14974	.54996	.06313	.09881	.19335

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46017	.60386	.56989	1.1752	85.945	44.239
SDev	.00002	.00129	.00055	.00036	.13881	.02749
%RSD	.00441	.21517	.09667	.0309	.16152	.06214

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.770	H154.58	23.933	.73646	3.9757	3.9842
SDev	.06307	.00878	.06945	.00151	.00147	.00347
%RSD	.15471	.00568	.29019	.20597	.03716	.08709

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9814	.46094	.42585	.45748	.46267	1.7113
SDev	.0028	.00162	.00572	.00828	.0017	.00242
%RSD	.07049	.35249	1.3443	1.8103	.36823	.14171

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41831	.65752	5.1316	.39759	.08993	.49010
SDev	.00352	.0012	.00452	.00168	.00039	.00121
%RSD	.84252	.18268	.08816	.4231	.43468	.24743

Elems	*Y
Units	
Avge	6420.9
SDev	16.9706
%RSD	.2643

Method: TRACE1 Sample Name: AD849636/MS (1:5) Operator: TWS
Run Time: 09/04/08 17:18 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.889	1.3913	.22734	2.6307	.08787	39.218
SDev	2.127	.07789	.01257	.15366	.00493	2.3132
%RSD	6.0964	5.599	5.5305	5.8412	5.6135	5.8983

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14085	.30654	.26466	.92020	72.974	30.922
SDev	.00902	.01808	.01488	.05567	4.5468	1.5366
%RSD	6.4081	5.8998	5.6226	6.0504	6.2307	4.9694

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.859	H158.06	9.2549	.43057	3.8020	3.8319
SDev	1.4905	7.5575	.58132	.02375	.22112	.20148
%RSD	5.5493	4.7814	6.2812	5.5174	5.816	5.2581

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8220	.14796	.06198	.15576	.14406	1.4197
SDev	.20802	.00909	.00599	.01632	.00547	.08648
%RSD	5.4429	6.1448	9.6745	10.48	3.8014	6.092

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07529	.34226	4.7818	.11480	.01617	.14747
SDev	.00186	.02081	.26934	.00765	.00064	.00955
%RSD	2.4719	6.0824	5.6327	6.6673	4.0156	6.4811

Elems	*Y
Units	
Avge	6553.65
SDev	280.226
%RSD	4.27588

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 17:26 Filename: 1090408
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.074	.49371	.46854	.48183	.49598	24.769
SDev	.02331	.0006	.0005	.00219	.00279	.00937
%RSD	.09685	.12314	.10862	.45593	.56368	.03785

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49975	.49440	.51772	.48222	24.710	Q22.047
SDev	.00118	.00122	.00129	.00187	.01126	.11142
%RSD	.23756	.24845	.24975	.38859	.0456	.50541

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.798	.51657	23.528	.50458	.50313	.50292
SDev	.0372	.00232	.06644	.00081	.00041	.00293
%RSD	.15002	.45071	.28239	.16148	.08296	.58419

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50299	.50737	.51017	.50041	.51087	.50632
SDev	.00209	.00068	.00071	.0001	.00108	.00131
%RSD	.41724	.13539	.14068	.02099	.21199	.26016

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49883	.49516	.51753	.49078	.49091	.50357
SDev	.00035	.00073	.00046	.0009	.00018	.00546
%RSD	.07152	.14796	.09059	.18523	.03672	1.0851

Elems	*Y
Units	
Avge	6494.85
SDev	9.54594
%RSD	.14697

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 17:31 Filename: 1090408
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02979	.00053	.00232	.00035	.00026	.01587
SDev	.00048	.00105	.00038	.00006	0	.00012
%RSD	1.611	197.59	16.58	19.043	1.473	.77322

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00027	.00025	-.00083	.00171	.04329
SDev	.00006	.00016	.00001	.00025	.00339	.00495
%RSD	73.551	60.183	7.3945	30.497	197.69	11.455

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01549	H.01346	.00173	-.00042	.00210	-.00137
SDev	.00484	.0016	.04338	.00033	.00042	.00211
%RSD	31.233	11.909	2496.9	78.235	20.207	153.02

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00020	.00242	-.00006	-.00027	.00079
SDev	.00126	.00188	.00129	.00203	.00181	.00023
%RSD	578.53	923.77	53.666	3384.7	656.86	29.343

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00404	.00041	.00027	.00086	.00086	-.00158
SDev	.0012	.00057	.00014	.00037	.00047	.00022
%RSD	29.848	138.25	51.498	43.423	54.171	14.223

Elems	*Y
Units	
Avge	6604.88
SDev	3.07598
%RSD	.04657

Method: TRACE1 Sample Name: AD849637/SD (1:5) Operator: TWS
Run Time: 09/04/08 17:36 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.557	1.5082	.19893	2.2561	.07736	32.250
SDev	.02354	.00737	.00172	.00462	.00051	.06801
%RSD	.07704	.48907	.86896	.20485	.66758	.2109

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13174	.28019	.22319	.79226	64.826	27.537
SDev	.00021	.00088	.00083	.00064	.00763	.00731
%RSD	.1597	.3159	.37476	.08177	.01178	.02657

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.679	H147.94	8.1005	.39894	3.2479	3.2507
SDev	.11507	.08818	.05707	.00211	.00637	.01918
%RSD	.5074	.0596	.70455	.53069	.19623	.59004

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2498	.13799	.05775	.14283	.13557	1.3732
SDev	.01491	.00561	.00034	.01024	.00329	.00188
%RSD	.45898	4.0697	.60447	7.1757	2.4335	.13719

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08834	.33511	4.4979	.10487	.01114	.22581
SDev	.01123	.00116	.01336	.00015	.00003	.00003
%RSD	12.718	.34656	.29724	.14563	.27792	.01622

Elems	*Y
Units	
Avge	6826.35
SDev	10.1823
%RSD	.14916

Method: TRACE1 Sample Name: AD849873/(1:10) Operator: TWS
Run Time: 09/04/08 17:41 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9919	.02548	.01825	.10242	.00161	59.958
SDev	.01905	.00116	.00031	0	0	.1497
%RSD	.21192	4.5823	1.6987	.00399	.10633	.24968

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00555	.12713	16.487	46.185	.75209
SDev	.00012	.0001	.00034	.02799	.07598	.00606
%RSD	11.741	1.8493	.2719	.16981	.16451	.80648

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.026	4.8018	.03287	.11895	.77196	.77033
SDev	.02838	.02343	.00316	.00037	.00083	.00496
%RSD	.28311	.48804	9.641	.31449	.10785	.64417

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77087	.00003	.01807	-.00017	.00014	.33481
SDev	.00303	.00326	.00218	.00296	.00341	.00006
%RSD	.39338	8614.1	12.088	1670.3	2341.1	.01907

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00132	.07235	.78773	.90918	.00318	.00069
SDev	.00514	.00031	.00122	.00358	.0003	.00022
%RSD	389.74	.43069	.15512	.3944	9.6283	32.735

Elems	*Y
Units	
Avge	6642.45
SDev	15.0612
%RSD	.22674

Method: TRACE1 Sample Name: AD849874/(1:5) Operator: TWS
Run Time: 09/04/08 17:46 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.635	.04005	.05888	.39082	.00444	158.68
SDev	.08598	.0019	.0009	.00075	.00001	.41576
%RSD	.29014	4.7638	1.5417	.19443	.32656	.26201

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	.00811	.10883	.17981	67.906	2.5149
SDev	.00012	.00017	.00055	.00009	.14733	.05158
%RSD	8.5466	2.1449	.50789	.05083	.21696	2.0512

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.542	7.8434	.85557	.05087	.45077	.44582
SDev	.01212	.01542	.00346	.00047	.00072	.0006
%RSD	.04401	.19671	.40517	.94297	.16179	.13654

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44747	.00492	.00563	.00194	.00641	.87841
SDev	.00016	.0002	.00275	.00139	.00039	.00849
%RSD	.03646	4.1511	48.905	71.932	6.1227	.9675

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00477	.05518	.83316	.01959	.00061	.00369
SDev	.00133	.00034	.00013	.00112	.00087	.00258
%RSD	27.876	.63121	.01562	5.7181	142.97	69.913

Elems	*Y
Units	
Avge	6548.7
SDev	7.84895
%RSD	.11985

Method: TRACE1 Sample Name: AD849875/(1:5) Operator: TWS
Run Time: 09/04/08 17:51 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.983	.04182	.05176	.21385	.00245	123.73
SDev	.01688	.00012	.00015	.00089	.00001	.16241
%RSD	.08895	.28846	.30424	.41882	.68172	.13127

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03527	.01132	.28264	.41944	78.951	1.8646
SDev	.00003	.00017	.00124	.00162	.07617	.01571
%RSD	.10215	1.5034	.43971	.38654	.09649	.84261

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.475	5.4881	.75058	.07067	2.0993	2.1323
SDev	.03512	.01211	.1946	.00038	.00237	.01529
%RSD	.14961	.22067	25.927	.54121	.11292	.71705

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1213	.00187	-.00014	-.00119	.00341	.78200
SDev	.0094	.00184	.0049	.00759	.00102	.00151
%RSD	.44355	98.383	3397.8	633.52	30.19	.19371

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	.09782	4.2003	.02172	.00143	.00885
SDev	.00033	.00036	.01591	.0002	.00008	.00103
%RSD	10.911	.37045	.37879	.93345	6.1765	11.727

Elems	*Y
Units	
Avge	6637.43
SDev	5.19695
%RSD	.07829

Method: TRACE1 Sample Name: AD849876/(1:10) Operator: TWS
Run Time: 09/04/08 17:56 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.5065	.01461	.03898	.11109	.00127	98.485
SDev	.00025	.00103	.00033	.00041	0	.0182
%RSD	.00298	7.1005	.87074	.37635	.13273	.01848

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00415	.87944	.33510	105.46	.47673
SDev	.00001	.00028	.00108	.00151	.04013	.00665
%RSD	2.9693	6.7551	.12288	.45134	.03805	1.3955

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.285	H22.218	.25216	.03410	.14143	.13949
SDev	.00551	.00319	.11113	.00046	.00007	.00087
%RSD	.02588	.01438	44.072	1.373	.05557	.62841

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14014	.00071	.00329	-.00214	.00213	1.4680
SDev	.00055	.00207	.00116	.00073	.00274	.00153
%RSD	.39854	290.98	35.355	34.331	128.25	.10422

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00754	.49872	.13445	.01754	.00035	.01103
SDev	.00262	.00023	.00057	.00038	.00023	.00226
%RSD	34.776	.04683	.42457	2.2171	65.71	20.55

Elems	*Y
Units	
Avge	6436.8
SDev	1.06066
%RSD	.01647

Method: TRACE1 Sample Name: AD849877/(1:5) Operator: TWS
Run Time: 09/04/08 18:01 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.598	.12088	.03468	.19497	.00216	102.93
SDev	.03417	.00117	.00001	.00083	0	.18155
%RSD	.23412	.97048	.03999	.43059	.18314	.17639

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	.00885	.28861	.35954	110.66	1.2076
SDev	.00006	.00029	0	.00072	.20454	.01515
%RSD	1.4223	3.3308	.00002	.20069	.18484	1.2546

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.611	8.5253	.51451	.04472	.60467	.60033
SDev	.02724	.011	.01545	.00003	.00263	.00295
%RSD	.14641	.12904	3.0031	.08693	.43642	.49216

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60178	.00283	.00562	-.00007	.00428	.74421
SDev	.00284	.00131	.00188	.00712	.00159	.00284
%RSD	.47351	46.236	33.471	9726.8	37.269	.38272

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00539	.13181	.75276	.05184	.00057	.00932
SDev	.00104	.00015	.00205	.00214	.00004	.00007
%RSD	19.468	.11514	.27314	4.1386	8.0472	.7854

Elems	*Y
Units	
Avge	6798.98
SDev	7.95495
%RSD	.117

Method: TRACE1 Sample Name: AD849879/(1:10) Operator: TWS
Run Time: 09/04/08 18:06 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.0556	.02246	.02014	.09751	.00093	46.220
SDev	.00836	.00052	.0002	.00001	.00001	.0492
%RSD	.13807	2.3166	1.0325	.01584	2.1225	.10646

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00351	.13846	.02675	26.786	.55587
SDev	.00009	.00044	.00193	.00026	.01683	.00254
%RSD	25.917	12.682	1.3963	1.0022	.06284	.45871

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.985	6.3424	-.10555	.00970	.07901	.07757
SDev	.04443	.00935	.0424	.00011	.00113	.00017
%RSD	.1482	.14748	40.177	1.2052	1.435	.22057

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07805	-.00367	-.00240	-.00305	-.00398	.51376
SDev	.00049	.0021	.00164	.00244	.00438	.00105
%RSD	.62994	57.44	68.557	80.274	110.2	.20556

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	.08489	.11056	.00791	.00040	.00010
SDev	.00277	.00003	.00086	0	.00023	.00071
%RSD	102.8	.04366	.78047	.07639	56.82	689.3

Elems	*Y
Units	
Avge	6665.78
SDev	8.16694
%RSD	.12252

Method: TRACE1 Sample Name: AD849880/(1:5) Operator: TWS
Run Time: 09/04/08 18:11 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.765	.04773	.05696	.27493	.00412	143.23
SDev	.09546	.00097	.0005	.00048	.00002	.32997
%RSD	.38549	2.049	.89163	.1747	.50392	.23038

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00141	.01095	.19749	.16271	106.02	1.8386
SDev	.00021	.00014	.00103	.00037	.24	.00446
%RSD	15.479	1.3623	.5253	.23021	.22638	.24305

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.449	7.0727	.33405	.04303	.40660	.40069
SDev	.03598	.01346	.03743	.00047	.00335	.00135
%RSD	.12648	.19039	11.205	1.0985	.82451	.33786

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40266	.00007	.00090	-.00467	.00244	.92485
SDev	.00201	.00124	.00153	.00681	.00153	.00175
%RSD	.5015	1728.2	170.04	145.85	62.952	.19

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.11518	.38614	.02500	.00079	.00521
SDev	.00011	.00025	.00141	.00232	.00025	.00108
%RSD	30.341	.22378	.36596	9.3059	31.878	20.885

Elems	*Y
Units	
Avge	6503.33
SDev	6.46995
%RSD	.09948

Method: TRACE1 Sample Name: AD849881/(1:10) Operator: TWS
Run Time: 09/04/08 18:16 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.0401	.03114	.03018	.09269	.00167	83.302
SDev	.00805	.0021	.00092	.0001	.00003	.0938
%RSD	.1002	6.7695	3.0562	.10814	1.8804	.1126

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00274	.00500	.12329	.10987	82.660	.60347
SDev	.00032	.00043	.00023	.00004	.09194	.00395
%RSD	11.683	8.5991	.19329	.0379	.11123	.65601

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.282	6.5353	.25734	.02979	.19289	.19104
SDev	.00951	.00528	.02791	.00032	.00146	.00171
%RSD	.05842	.08083	10.847	1.0801	.75993	.89849

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19165	-.00090	.00282	.00190	-.00231	.72807
SDev	.00163	.00442	.00177	.00023	.00676	.00089
%RSD	.85205	487.52	62.99	12.591	292.1	.12247

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.13817	.29198	.01429	.00076	.00536
SDev	.00485	.00015	.00072	.0034	.00037	.0013
%RSD	271.98	.11477	.24928	23.798	49.123	24.354

Elems	*Y
Units	
Avge	6549.75
SDev	19.5162
%RSD	.29796

Method: TRACE1 Sample Name: AD849881/L (1:50) Operator: TWS
Run Time: 09/04/08 18:21 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5902	.00621	.00794	.01819	.00037	16.410
SDev	.00862	.00035	.00024	.00003	.00009	.00536
%RSD	.54224	5.7486	3.0794	.18946	24.508	.03267

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00134	.02417	.02028	16.259	.12597
SDev	.00008	.00011	.00046	.00012	.06698	.00017
%RSD	16.061	8.431	1.9314	.61383	.41198	.13584

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2398	1.3141	-.05923	.00560	.03806	.03735
SDev	.00382	.00272	.13453	.00012	.00182	.00005
%RSD	.11809	.20712	227.12	2.2551	4.7861	.14418

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03759	.00159	-.00016	.00306	.00085	.14352
SDev	.00064	.00321	.00161	.00457	.00254	.0003
%RSD	1.7095	202.19	957.73	149.39	296.57	.21335

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00123	.02684	.05947	.00201	.00014	-.00081
SDev	.00237	.00013	.00034	.00057	.00032	.00084
%RSD	191.93	.49694	.58038	28.355	222.73	104.58

Elems	*Y
Units	
Avge	6633.15
SDev	37.3351
%RSD	.56285

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 18:29 Filename: 1090408
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.918	.49112	.47057	.48375	.50208	24.738
SDev	.01464	.00025	.00186	.00094	.00211	.0163
%RSD	.06121	.05155	.39666	.19601	.42216	.06592

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49914	.49572	.51989	.48324	24.642	Q21.754
SDev	.00247	.00105	.00078	.00027	.02067	.07832
%RSD	.49608	.21252	.1506	.0564	.08389	.36006

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.872	.50154	23.374	.50617	.50455	.50652
SDev	.07695	.00172	.05288	.00114	.00219	.00172
%RSD	.30939	.3448	.22625	.22553	.43596	.34009

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50587	.50526	.50725	.49320	.51130	.50590
SDev	.00041	.00493	.00674	.0024	.0086	.00032
%RSD	.08234	.9762	1.3293	.48848	1.6826	.06519

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48985	.49408	.52322	.48688	.49071	.50636
SDev	.0013	.0003	.00071	.00189	.00074	.00053
%RSD	.26616	.06193	.1361	.3895	.15097	.10488

Elems	*Y
Units	
Avge	6530.85
SDev	.21233
%RSD	.00325

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 18:34 Filename: 1090408
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01076	-.00083	.00110	.00032	.00009	.00856
SDev	.00598	.00062	.00108	.00005	.00003	.00205
%RSD	55.6	74.865	97.947	15.658	35.477	24.002

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	-.00009	.00034	-.00008	.00111	.04975
SDev	.00011	.00003	.00009	.00009	.00593	.01076
%RSD	27.781	35.465	27.411	119.09	533.41	21.629

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00031	-.03325	.00016	.00044	-.00099
SDev	.00112	.00012	.05077	.00041	.00256	.00078
%RSD	137.98	39.862	152.66	255.35	579.49	78.921

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00036	.00017	-.00425	.00157	.00080
SDev	.00138	.00023	.00123	.00054	.00062	.00014
%RSD	266.64	64.032	693.16	12.743	39.8	17.686

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00280	.00011	.00200	.00260	.00001	-.00005
SDev	.00124	.00014	.00056	.00132	.00033	.00058
%RSD	44.39	128.56	28.17	50.583	2709.7	984.79

Elems	*Y
Units	
Avge	6617.63
SDev	19.6222
%RSD	.29651

Method: TRACE1 Sample Name: AD849881/PS (1:10) Operator: TWS
Run Time: 09/04/08 18:40 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.623	.42345	.39994	.46939	.39318	101.88
SDev	.06544	.0002	.00067	.00081	.00085	.32107
%RSD	.2458	.0474	.16804	.17383	.2169	.31514

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40022	.39741	.51807	.49147	99.971	18.831
SDev	.0018	.00063	.00021	.00139	.29959	.11337
%RSD	.45189	.16003	.04076	.28373	.29968	.60206

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.951	6.8247	18.845	.41813	.58124	.57854
SDev	.10759	.02136	.15643	0	.00702	.00145
%RSD	.29929	.31306	.8301	.0012	1.2079	.25205

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57944	.39622	.40352	.38882	.39992	1.1082
SDev	.00136	.00508	.00381	.00346	.0059	.00223
%RSD	.23563	1.2846	.94607	.89119	1.4759	.20144

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40044	.53178	.69480	.36650	.09581	.41050
SDev	.00241	.00073	.00124	.00069	0	.00304
%RSD	.60266	.13754	.1798	.18853	.00834	.74199

Elems	*Y
Units	
Avge	6619.35
SDev	9.1216
%RSD	.1378

Method: TRACE1 Sample Name: AD849882/MS (1:10) Operator: TWS
Run Time: 09/04/08 18:45 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.098	.08371	.06324	.14749	.04522	73.062
SDev	.00903	.00116	.00197	.00024	.0001	.15295
%RSD	.07466	1.3898	3.1164	.16808	.23081	.20934

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04564	.04855	.11234	.18238	69.135	2.7327
SDev	.00032	.00027	.00042	.00019	.1687	.00495
%RSD	.70868	.56313	.38115	.10545	.24402	.18134

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.054	3.6623	2.2070	.08371	.25126	.24656
SDev	.01528	.00648	.00309	.00005	.00184	.00167
%RSD	.10153	.17698	.1403	.06722	.73423	.67757

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24813	.03217	.02735	.03025	.03314	.45120
SDev	.00049	.00115	.00251	.005	.00076	.00047
%RSD	.2015	3.6008	9.2015	16.558	2.3122	.10536

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04378	.09586	.33751	.05420	.01051	.04593
SDev	.00219	.00036	.00033	.00086	.00013	.00123
%RSD	5.0091	.37629	.09923	1.6039	1.3076	2.6797

Elems	*Y
Units	
Avge	6627.08
SDev	14.9552
%RSD	.22566

Method: TRACE1 Sample Name: AD849883/SD (1:10) Operator: TWS
Run Time: 09/04/08 18:50 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.834	.06918	.06764	.18381	.04168	67.433
SDev	.00802	.00028	.00026	.00012	.00004	.05902
%RSD	.06256	.41728	.39116	.07066	.11144	.08753

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04131	.04510	.08843	.13717	58.392	2.9227
SDev	.00026	0	.00002	.00042	.05235	.00813
%RSD	.64572	.00721	.02467	.31077	.08966	.27826

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.196	3.6951	2.0710	.07294	.20522	.19965
SDev	.00236	.00283	.01932	.00003	.00073	.00158
%RSD	.01669	.07683	.93329	.04725	.35634	.7921

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20150	.03280	.02660	.03251	.03294	.48739
SDev	.00081	.0014	.00337	.00514	.00047	.00051
%RSD	.4026	4.2711	12.699	15.836	1.4363	.10518

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03984	.07157	.25708	.04639	.00927	.04221
SDev	.00037	.00023	.00081	.00256	.00016	.00065
%RSD	.94909	.32434	.31776	5.5362	1.8161	1.5633

Elems	*Y
Units	
Avge	6666.83
SDev	8.37928
%RSD	.12568

Method: TRACE1 Sample Name: AD849884/(1:5) Operator: TWS
Run Time: 09/04/08 18:55 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.276	.02003	.03341	.12699	.00130	87.301
SDev	.00376	.00174	.00101	.00002	.00002	.08853
%RSD	.02311	8.7043	3.0488	.01997	1.9597	.10141

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00856	.41131	.77409	105.90	1.3332
SDev	.00031	.00029	.0013	.00014	.08707	.00189
%RSD	548.39	3.441	.31649	.01848	.08222	.14194

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.369	11.151	.08014	.03884	.17241	.16568
SDev	.00031	.00756	.04711	.00064	.00099	.00112
%RSD	.0018	.06787	58.793	1.6508	.57769	.67659

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16792	.00102	.00858	-.00039	.00173	.81212
SDev	.00041	.00163	.00118	.00008	.00241	.00088
%RSD	.24776	159.86	13.809	21.285	139.14	.10855

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	.19731	.32015	.03934	.00000	.00551
SDev	.00161	.00002	.00028	.00099	.00021	.00014
%RSD	37.005	.0144	.08849	2.517	2753.4	2.5945

Elems	*Y
Units	
Avge	6514.2
SDev	5.72763
%RSD	.08792

Method: TRACE1 Sample Name: AD849885/(1:5) Operator: TWS
Run Time: 09/04/08 19:00 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.898	.02412	.03282	.14752	.00161	48.897
SDev	.006	.00162	.001	.00009	.00002	.02732
%RSD	.04652	6.7388	3.0622	.06418	1.6508	.05588

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.01359	.12362	.11031	170.50	2.2879
SDev	.00013	.00015	.00042	.00011	.16267	.00104
%RSD	68.762	1.1338	.34302	.10393	.0954	.04572

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2390	4.4428	.13295	.06013	.17977	.17345
SDev	.00099	.00276	.03504	.00062	.00339	.00326
%RSD	.01601	.06227	26.356	1.0456	1.8907	1.8843

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17556	.00173	.00377	-.00221	.00371	.34848
SDev	.00331	.00208	.00152	.00277	.00451	.00101
%RSD	1.8865	120.26	40.506	124.95	121.66	.29093

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00339	.07096	.45410	.02328	.00021	.00360
SDev	.00007	.00053	.00039	.001	.00014	.0003
%RSD	2.3021	.75566	.08613	4.312	67.455	8.4577

Elems	*Y
Units	
Avge	6639.3
SDev	22.4858
%RSD	.33867

Method: TRACE1 Sample Name: AD849886/(1:10) Operator: TWS
Run Time: 09/04/08 19:05 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6338	.02397	.03583	.32066	.00160	53.515
SDev	.00174	.00015	.00004	.00031	0	.00908
%RSD	.0181	.6309	.11628	.0992	.22574	.01698

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01046	.00626	.23332	.39670	62.589	.72025
SDev	.00007	.00022	.00022	.00061	.02475	.00554
%RSD	.74345	3.5635	.0971	.1553	.03955	.77024

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.6477	8.5433	.03409	.06009	.91212	.90812
SDev	.00045	.00049	.04896	.00019	.00169	.00089
%RSD	.00527	.00582	143.59	.31961	.18588	.09882

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90946	-.00064	.00439	-.00190	-.00002	.59026
SDev	.00003	.00198	.00263	.00234	.0018	.00035
%RSD	.00373	306.12	59.878	123.37	7979.6	.06051

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00469	.09086	1.5155	.03785	.00035	.00317
SDev	.00264	.00046	.0007	.00076	.00015	.00057
%RSD	56.305	.51638	.04635	2.0177	42.864	18.196

Elems	*Y
Units	
Avge	6683.25
SDev	3.18198
%RSD	.04761

Method: TRACE1 Sample Name: AD849754/(1:10) Operator: TWS
Run Time: 09/04/08 19:10 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7736	.02269	.02165	.05863	.00084	121.12
SDev	.02966	.0003	.00023	.00015	0	.29234
%RSD	.38167	1.3642	1.1026	.26851	.06146	.24136

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00996	.01642	.03778	26.483	1.6458
SDev	.00013	.0002	.00052	.00009	.11422	.00815
%RSD	205.92	2.0764	3.1758	.25255	.43129	.49528

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.479	1.1140	6.7586	.03438	.01742	.01594
SDev	.03549	.00156	.14024	.00047	.0048	.00028
%RSD	.10295	.14023	2.0751	1.3872	27.56	1.7581

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01643	.00058	.00181	-.00048	.00112	.09422
SDev	.00178	.00116	.00116	.0038	.00015	.00059
%RSD	10.867	198.33	64.255	780.15	14.205	.62684

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.02110	.10707	.00300	.00012	.01366
SDev	.00034	0	.00013	.00037	.00029	.00031
%RSD	195.8	.00084	.12478	12.553	243.63	2.3328

Elems	*Y
Units	
Avge	6604.58
SDev	.53033
%RSD	.00802

Method: TRACE1 Sample Name: AD849759/(1:20) Operator: TWS
Run Time: 09/04/08 19:15 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25180	.00260	.10860	.01667	.00083	.67309
SDev	.00166	.00117	.00049	0	.00002	.00636
%RSD	.66177	45.002	.45567	.00196	2.7873	.94524

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00211	2.0498	.13916	14.849	10.321
SDev	.00003	.00028	.00392	.00005	.01791	.00746
%RSD	55.607	13.435	.1914	.039	.12063	.07234

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12037	.09255	279.80	.03332	.04117	.04045
SDev	.00297	.00015	.31637	.0005	.00109	.00223
%RSD	2.4743	.17046	.11306	1.5242	2.6494	5.534

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04069	-.00268	.00007	.00163	-.00484	.01707
SDev	.00113	.00147	.00284	.00297	.00072	.00013
%RSD	2.7767	55.101	3585	181.72	15.021	.8061

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00668	.04541	.00350	.00049	3.5832
SDev	.00006	.00014	.00023	.00112	.00017	.00349
%RSD	7.1043	2.1204	.51686	32.144	35.267	.09741

Elems	*Y
Units	
Avge	6654.38
SDev	6.89429
%RSD	.1036

Method: TRACE1 Sample Name: AD849760/(1:5) Operator: TWS
Run Time: 09/04/08 19:21 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5245	.00221	.10177	.02277	.00042	55.863
SDev	.00261	.00125	.00028	.00007	.00005	.15645
%RSD	.07433	56.535	.27827	.32085	12.808	.28007

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00163	.00802	.00291	6.3820	3.2221
SDev	.00001	.00032	.00007	.00018	.01243	.00765
%RSD	6.793	19.686	.93226	6.4922	.19485	.23758

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.634	.14201	137.81	.00722	.00327	.00275
SDev	.03587	.00054	.56885	.00054	.00061	.00058
%RSD	.24512	.38089	.41279	7.5053	18.654	21.271

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00292	-.00241	.00064	-.00014	-.00355	.14210
SDev	.00059	.00075	.00428	.00135	.00181	.00252
%RSD	20.295	31.373	669.4	963.17	51.063	1.7769

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00861	.02219	.00099	.00046	.00437
SDev	.00212	.00026	.00034	.0013	.00012	.00154
%RSD	159.19	3.0618	1.5525	130.32	27.797	35.272

Elems	*Y
Units	
Avge	6687.15
SDev	16.5462
%RSD	.24743

Method: TRACE1 Sample Name: AD850202/PB Operator: TWS
Run Time: 09/04/08 19:29 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04173	-.00146	.00147	.00012	.00135	.07315
SDev	.00371	.0002	.0003	.00003	.00003	.00043
%RSD	8.9063	13.72	20.775	30.774	2.5489	.59995

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00070	.00082	.00037	.00917	.04983
SDev	.00009	.00038	.00017	.00019	.01245	.00631
%RSD	84.785	54.335	20.761	52.049	135.87	12.667

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00309	.00037	-.08673	-.00103	.00179	.00160
SDev	.00254	.00007	.18714	.00038	.0004	.00197
%RSD	82.257	19.571	215.76	37.516	22.561	122.91

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.00250	-.00012	-.00174	.00462	.00087
SDev	.00145	.00516	.00028	.00466	.00542	.00031
%RSD	86.953	206.51	224.94	267.75	117.17	35.625

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	.00060	.00743	H.04066	.00012	.00061
SDev	.00363	.00016	.00046	.00033	.00035	.0009
%RSD	722.17	26.454	6.2259	.81217	294.33	147.22

Elems	*Y
Units	
Avge	5862.08
SDev	14.9556
%RSD	.25512

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 19:36 Filename: 1090408
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.809	.49641	.47089	.47253	.50238	24.857
SDev	.0726	.00228	.00048	.00132	.00028	.07009
%RSD	.30494	.45959	.10296	.27981	.05622	.28197

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50936	.49879	.52060	.47637	24.929	23.810
SDev	.00211	.00163	.00215	.00161	.13497	.05239
%RSD	.41446	.328	.41347	.33837	.54144	.22003

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.983	.50364	22.997	.50996	.51084	.50657
SDev	.04253	.00102	.11752	.00038	.00411	.00094
%RSD	.17025	.20335	.51105	.07502	.8054	.18673

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50799	.51471	.51264	.50616	.51899	.50462
SDev	.002	.00054	.00304	.00763	.00462	.00256
%RSD	.39389	.10522	.59454	1.5079	.89185	.50877

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51418	.49570	.52463	.50539	.48525	.50214
SDev	.00301	.00335	.00172	.00231	.00221	.00254
%RSD	.58728	.67632	.32896	.45813	.45663	.50641

Elems	*Y
Units	
Avge	6612
SDev	18.0312
%RSD	.2727

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 19:41 Filename: 1090408
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00944	-.00156	.00087	.00005	.00039	.00548
SDev	.00002	.0008	.00011	.00001	.00007	.00302
%RSD	.27242	51.698	13.689	30.293	18.483	55.215

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.00030	.00028	-.00091	-.00129	.00719
SDev	.00015	.00016	.00012	.00024	.0009	.01092
%RSD	88.334	54.633	45.352	26.728	69.514	151.85

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00029	-.00862	.00008	.00137	.00163
SDev	.00076	.00003	.1038	.00076	.00067	.00066
%RSD	25.016	13.079	1204.2	931.54	49.138	40.675

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	-.00066	-.00001	-.00076	-.00062	.00032
SDev	.00066	.00143	.00226	.00273	.00078	.00013
%RSD	43.17	214.15	16844	357.05	126.24	41.598

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00039	.00182	.00126	-.00070	.00013
SDev	.00076	.00028	.00092	.00021	.00005	.00046
%RSD	237.27	72.32	50.722	17.276	8.1024	336.01

Elems	*Y
Units	
Avge	6579.75
SDev	104.793
%RSD	1.59265

Method: TRACE1 Sample Name: AD850201/CLPSL Operator: TWS
Run Time: 09/04/08 19:46 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.591	1.4121	1.3527	2.2754	1.2566	101.68
SDev	.11407	.00229	.00083	.00158	.00037	.03497
%RSD	.13327	.16284	.06175	.0696	.03017	.03439

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1394	1.4422	2.4977	1.6072	158.11	50.469
SDev	.00148	.00132	.00006	.00148	.32174	.09844
%RSD	.13027	.09217	.00263	.09248	.20348	.19507

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.196	5.3739	7.9627	1.3403	1.8072	1.7986
SDev	.03365	.00433	.15687	.00224	.00101	.00517
%RSD	.0684	.08063	1.9701	.16719	.05602	.28756

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8015	1.0452	.65957	1.0261	1.0547	5.2950
SDev	.00378	.0023	.00116	.01111	.00209	.01211
%RSD	.21021	.22076	.17672	1.0834	.19884	.22874

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7248	1.2732	3.1405	1.0719	.89657	1.2334
SDev	.00155	.0019	.00171	.00075	.0008	.00648
%RSD	.08994	.14924	.05468	.07035	.08933	.526

Elems	*Y
Units	
Avge	6376.65
SDev	24.3952
%RSD	.38257

Method: TRACE1 Sample Name: AD850189 Operator: TWS
Run Time: 09/04/08 19:51 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.457	.17659	.06538	.63538	.00453	341.74
SDev	.10981	.00248	.00188	.00105	.00006	.58833
%RSD	.33835	1.4059	2.8756	.1665	1.4532	.17216

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00619	.06207	.10330	1.7231	346.79	5.7127
SDev	.00014	.00046	.0001	.00371	.81254	.04079
%RSD	2.3253	.75028	.10282	.21553	.2343	.71415

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	106.52	3.7730	.99443	.16223	3.3597	3.3685
SDev	.00647	.00443	.00979	.0008	.01092	.00225
%RSD	.00608	.1176	.98546	.49411	.32506	.06699

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3655	.01166	.09337	.00613	.01443	1.4025
SDev	.00514	.00241	.0001	.00093	.00316	.01579
%RSD	.15277	20.718	.11139	15.157	21.9	1.1264

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00385	.12055	3.8559	.23273	.00130	.01581
SDev	.00229	.00111	.00306	.0028	.00051	.00062
%RSD	59.583	.92384	.07942	1.2045	39.438	3.9296

Elems	*Y
Units	
Avge	6344.03
SDev	11.9856
%RSD	.18892

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Method: TRACE1 Sample Name: AD850190 Operator: TWS
Run Time: 09/04/08 19:56 Filename: 1090408
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.006	.22277	.07396	.95241	.00508	453.24
SDev	.04301	.00124	.00086	.00028	0	.40275
%RSD	.13439	.56089	1.17	.03022	.11024	.08886

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01510	.06480	.12603	1.8072	353.93	5.2656
SDev	.00001	.00027	.00001	.00012	.18558	.03759
%RSD	.12301	.42002	.01213	.00717	.05243	.71393

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	139.33	4.0956	1.3320	.16940	4.4251	4.4381
SDev	.04466	.00233	.13195	.00119	.00395	.01411
%RSD	.03205	.05698	9.9061	.70398	.08931	.31814

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4338	.00820	.08163	.00407	.01026	1.5082
SDev	.01073	.00263	.00221	.0066	.00726	.0072
%RSD	.24209	32.189	2.712	162.11	70.776	.47786

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.10848	6.1060	.18913	.00129	.02053
SDev	.00073	.00004	.00431	.00151	.00021	.00005
%RSD	56.263	.0419	.07071	.80276	17.009	.28907

Elems	*Y
Units	
Avge	6106.2
SDev	2.75799
%RSD	.04516

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Method: TRACE1 Sample Name: AD850191 Operator: TWS
Run Time: 09/04/08 20:01:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.549	.07089	.05597	.52673	.00480	272.39	.00280
SDev	.209	.00182	.00063	.00173	.00008	1.01	.00009
%RSD	.49042	2.5611	1.1327	.32820	1.5965	.36929	3.3151
#1	42.697	.06961	.05642	.52795	.00486	273.10	.00273
#2	42.401	.07218	.05552	.52551	.00475	271.68	.00286
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05580	.09555	.52939	135.18	6.7732	85.151	3.5502
SDev	.00006	.00022	.00089	.58	.0566	.226	.0102
%RSD	.10772	.22715	.16712	.43026	.83515	.26540	.28756
#1	.05584	.09570	.53002	135.59	6.8132	85.311	3.5575
#2	.05575	.09540	.52876	134.77	6.7332	84.991	3.5430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65820	.13501	1.0706	1.0697	1.0700	.00659	.00920
SDev	.05828	.00001	.0011	.0018	.0016	.00209	.00035
%RSD	8.8549	.00728	.10610	.17100	.14938	31.620	3.7791
#1	.61699	.13501	1.0714	1.0710	1.0711	.00512	.00896
#2	.69941	.13502	1.0698	1.0684	1.0688	.00807	.00945
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00720	.00629	1.2552	.00219	.09200	1.3644	.06779
SDev	.00114	.00370	.0044	.00037	.00041	.0079	.00128
%RSD	15.858	58.812	.34712	17.113	.44085	.58175	1.8937
#1	.00801	.00367	1.2583	.00245	.09228	1.3700	.06870
#2	.00640	.00890	1.2521	.00192	.09171	1.3588	.06688
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00048	.01067
SDev	.00011	.00112
%RSD	22.834	10.490
#1	.00040	.00988
#2	.00055	.01147
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6255	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1237902	--	--	--	--	--	--
#1	6249	--	--	--	--	--	--
#2	6260	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850192 Operator: TWS
Run Time: 09/04/08 20:06:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.023	.09001	.06539	.70977	.00604	300.42	.00449
SDev	.063	.00101	.00091	.00018	.00001	.27	.00008
%RSD	.11131	1.1263	1.3890	.02489	.23751	.09024	1.8209
#1	57.068	.09073	.06603	.70989	.00603	300.22	.00455
#2	56.978	.08929	.06475	.70964	.00605	300.61	.00444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07366	.13427	.69111	180.70	7.7912	87.005	5.1644
SDev	.00043	.00002	.00021	.02	.0258	.052	.0025
%RSD	.58836	.01584	.03047	.01012	.33103	.06002	.04890
#1	.07335	.13428	.69126	180.72	7.8095	86.968	5.1627
#2	.07396	.13425	.69096	180.69	7.7730	87.042	5.1662
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92852	.21538	1.5447	1.5437	1.5440	.00967	.01589
SDev	.03189	.00012	.0023	.0054	.0044	.00223	.00122
%RSD	3.4345	.05736	.15065	.34954	.28328	23.063	7.7045
#1	.95107	.21529	1.5430	1.5399	1.5409	.01125	.01503
#2	.90597	.21547	1.5463	1.5475	1.5471	.00809	.01676
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.01406	1.6695	.00004	.11900	1.8647	.08784
SDev	.00788	.00729	.0127	.00182	.00036	.0009	.00080
%RSD	880.80	51.817	.75792	4281.5	.29906	.04577	.90965
#1	-.00468	.01921	1.6784	-.00125	.11875	1.8653	.08840
#2	.00647	.00891	1.6605	.00133	.11925	1.8641	.08727
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00036	.01540
SDev	.00020	.00288
%RSD	55.881	18.710
#1	.00051	.01336
#2	.00022	.01743
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6107	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0295224	--	--	--	--	--	--
#1	6108	--	--	--	--	--	--
#2	6106	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850193 Operator: TWS
Run Time: 09/04/08 20:11:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.536	.07427	.10952	.54997	.00204	260.34	.00694
SDev	.026	.00044	.00091	.00040	.00002	.40	.00040
%RSD	.09022	.58872	.83348	.07371	.71321	.15436	5.6992
#1	28.554	.07396	.10888	.54969	.00203	260.06	.00666
#2	28.518	.07458	.11017	.55026	.00206	260.62	.00722
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07017	.17147	.91456	334.89	5.5440	98.570	4.8934
SDev	.00049	.00034	.00121	.25	.0010	.214	.0054
%RSD	.69501	.19852	.13260	.07401	.01771	.21748	.11038
#1	.06983	.17171	.91370	334.71	5.5447	98.419	4.8895
#2	.07052	.17123	.91541	335.06	5.5433	98.722	4.8972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77546	.17053	1.8399	1.8497	1.8465	.00560	.02775
SDev	.07423	.00070	.0077	.0019	.0013	.00103	.00236
%RSD	9.5729	.40921	.41684	.10169	.07037	18.386	8.5240
#1	.72297	.17004	1.8345	1.8511	1.8455	.00632	.02608
#2	.82795	.17102	1.8453	1.8484	1.8474	.00487	.02942
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00139	.00909	.83859	.00241	.10630	2.2679	.17482
SDev	.00421	.00365	.00435	.00169	.00028	.0051	.00040
%RSD	302.83	40.120	.51823	69.838	.25890	.22600	.22767
#1	-.00436	.01167	.84167	.00122	.10649	2.2643	.17454
#2	.00159	.00651	.83552	.00361	.10610	2.2715	.17510
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00112	.02301
SDev	.00055	.00085
%RSD	49.468	3.6716
#1	.00073	.02361
#2	.00151	.02242
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6820	--	--	--	--	--	--
SDev	8.697620	--	--	--	--	--	--
%RSD	.1275358	--	--	--	--	--	--
#1	6826	--	--	--	--	--	--
#2	6814	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850194 Operator: TWS
Run Time: 09/04/08 20:16:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.201	.03103	.06007	.42121	.00315	23.550	.00270
SDev	.044	.00042	.00080	.00030	.00003	.049	.00014
%RSD	.09733	1.3536	1.3280	.07181	.91917	.20847	5.3035
#1	45.170	.03133	.06063	.42099	.00313	23.515	.00260
#2	45.233	.03073	.05950	.42142	.00317	23.584	.00280
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03365	.10419	.03495	128.30	6.9100	14.865	4.3201
SDev	.00010	.00071	.00016	.28	.0200	.021	.0086
%RSD	.28715	.67692	.46893	.22162	.28990	.14444	.19832
#1	.03372	.10369	.03483	128.10	6.9241	14.850	4.3141
#2	.03359	.10469	.03506	128.50	6.8958	14.880	4.3262
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73391	.06298	.49476	.48924	.49108	.00025	-.00077
SDev	.07724	.00035	.00064	.00060	.00061	.00115	.00452
%RSD	10.524	.55626	.12875	.12308	.12498	453.70	590.10
#1	.67929	.06323	.49521	.48967	.49151	.00106	-.00396
#2	.78852	.06273	.49431	.48882	.49065	-.00056	.00243
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00226	.00151	1.0884	.00052	.13781	1.3469	.02437
SDev	.00015	.00165	.0118	.00105	.00033	.0037	.00077
%RSD	6.5209	109.21	1.0849	202.70	.23752	.27239	3.1709
#1	-.00215	.00267	1.0967	-.00022	.13804	1.3443	.02382
#2	-.00236	.00034	1.0800	.00126	.13758	1.3495	.02492
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00035	.00242
SDev	.00048	.00027
%RSD	138.16	11.311
#1	-.00069	.00223
#2	-.00001	.00261
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6730	--	--	--	--	--	--
SDev	11.24327	--	--	--	--	--	--
%RSD	.1670608	--	--	--	--	--	--
#1	6738	--	--	--	--	--	--
#2	6722	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850195 Operator: TWS
Run Time: 09/04/08 20:21:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.163	.08668	.07743	.74296	.00378	455.64	.00978
SDev	.047	.00032	.00106	.00055	.00005	.02	.00009
%RSD	.14058	.36996	1.3750	.07359	1.3226	.00453	.93438
#1	33.196	.08645	.07818	.74257	.00382	455.65	.00984
#2	33.130	.08691	.07668	.74335	.00375	455.62	.00971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04706	.17623	.93267	267.91	5.2852	218.31	5.2262
SDev	.00080	.00061	.00104	.16	.0520	.00	.0019
%RSD	1.7042	.34751	.11190	.05942	.98394	.00101	.03700
#1	.04763	.17666	.93193	267.79	5.3219	218.30	5.2249
#2	.04649	.17580	.93341	268.02	5.2484	218.31	5.2276
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88300	.17588	2.5811	2.5921	2.5884	.00573	.03537
SDev	.03313	.00127	.0045	.0097	.0080	.00456	.00091
%RSD	3.7518	.71951	.17328	.37553	.30837	79.546	2.5680
#1	.90643	.17499	2.5842	2.5990	2.5941	.00896	.03602
#2	.85958	.17678	2.5779	2.5852	2.5828	.00251	.03473
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	.00705	.93337	-.00120	.08811	2.2740	.15112
SDev	.00542	.00413	.00742	.00163	.00014	.0030	.00210
%RSD	174.81	58.618	.79517	135.75	.16119	.13074	1.3917
#1	.00693	.00998	.93862	-.00005	.08801	2.2761	.15261
#2	-.00073	.00413	.92813	-.00235	.08821	2.2719	.14964
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00120	.01853
SDev	.00041	.00100
%RSD	34.435	5.4004
#1	.00149	.01782
#2	.00091	.01923
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6102	--	--	--	--	--	--
SDev	10.92459	--	--	--	--	--	--
%RSD	.1790220	--	--	--	--	--	--
#1	6095	--	--	--	--	--	--
#2	6110	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850195/L (1:5) Operator: TWS
Run Time: 09/04/08 20:26:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.4632	.01565	.01586	.14149	.00086	86.150	.00171
SDev	.4437	.00247	.00232	.00949	.00005	5.676	.00021
%RSD	6.8654	15.777	14.628	6.7093	6.1524	6.5888	12.027
#1	6.7770	.01740	.01751	.14820	.00090	90.163	.00185
#2	6.1494	.01390	.01422	.13478	.00082	82.136	.00156
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00928	.03457	.17458	52.330	1.0023	41.831	1.0227
SDev	.00078	.00223	.01192	3.621	.0760	2.768	.0677
%RSD	8.4311	6.4575	6.8274	6.9204	7.5840	6.6160	6.6175
#1	.00983	.03615	.18301	54.891	1.0561	43.788	1.0705
#2	.00873	.03300	.16615	49.769	.94859	39.874	.97484
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05485	.03454	.50418	.51905	.51410	.00430	.00948
SDev	.09911	.00261	.02642	.03790	.03408	.00174	.00085
%RSD	180.69	7.5644	5.2399	7.3019	6.6285	40.489	8.9299
#1	.12493	.03638	.52286	.54585	.53819	.00553	.01008
#2	-.01523	.03269	.48550	.49225	.49000	.00307	.00888
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00340	.00475	.19077	-.00015	.01711	.46025	.02992
SDev	.00020	.00251	.01507	.00106	.00126	.02974	.00144
%RSD	5.9688	52.827	7.8970	683.06	7.3433	6.4616	4.7978
#1	.00354	.00653	.20142	-.00090	.01800	.48128	.03093
#2	.00325	.00298	.18012	.00059	.01622	.43922	.02890
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00014	.00483
SDev	.00011	.00129
%RSD	79.520	26.623
#1	.00022	.00392
#2	.00006	.00574
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6541	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.2205188	--	--	--	--	--	--
#1	6531	--	--	--	--	--	--
#2	6552	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850195/PS Operator: TWS
Run Time: 09/04/08 20:32:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.595	.52889	.49892	1.1487	.45172	463.41	.45103
SDev	.040	.00240	.00038	.0002	.00003	.23	.00042
%RSD	.07414	.45294	.07563	.01784	.00693	.05000	.09377
#1	53.623	.53058	.49865	1.1488	.45174	463.57	.45073
#2	53.567	.52719	.49918	1.1485	.45170	463.24	.45133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48412	.62290	1.3394	280.70	27.505	233.90	5.4871
SDev	.00007	.00088	.0007	.18	.022	.02	.0005
%RSD	.01416	.14148	.05041	.06288	.07991	.00873	.00961
#1	.48407	.62352	1.3399	280.83	27.490	233.92	5.4867
#2	.48417	.62228	1.3389	280.58	27.521	233.89	5.4874
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.560	.60763	2.9389	2.9505	2.9466	.45244	.49021
SDev	.110	.00036	.0016	.0062	.0047	.00103	.00414
%RSD	.48594	.05856	.05436	.20958	.15803	.22832	.84426
#1	22.482	.60788	2.9400	2.9548	2.9499	.45171	.49314
#2	22.637	.60738	2.9378	2.9461	2.9433	.45317	.48729
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44468	.45632	1.3549	.43348	.53850	2.6415	.54332
SDev	.00290	.00010	.0068	.00918	.00066	.0008	.00154
%RSD	.65140	.02218	.49940	2.1173	.12240	.02981	.28268
#1	.44264	.45625	1.3597	.42699	.53897	2.6420	.54440
#2	.44673	.45639	1.3502	.43997	.53804	2.6409	.54223
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.11079	.47836
SDev	.00005	.00014
%RSD	.04672	.02889
#1	.11082	.47826
#2	.11075	.47845
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6060	--	--	--	--	--	--
SDev	12.62192	--	--	--	--	--	--
%RSD	.2082852	--	--	--	--	--	--
#1	6051	--	--	--	--	--	--
#2	6069	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 08:45:02 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 20:40:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.842	.49823	.47135	.47451	.50716	24.947	.50645
SDev	.058	.00287	.00193	.00115	.00094	.072	.00187
%RSD	.24217	.57706	.40948	.24333	.18582	.28690	.36983
#1	23.883	.50026	.47271	.47533	.50783	24.997	.50777
#2	23.801	.49619	.46998	.47370	.50650	24.896	.50513
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49949	.52201	.47761	24.959	23.734	24.981	.50518
SDev	.00117	.00236	.00168	.114	.104	.067	.00118
%RSD	.23332	.45219	.35069	.45499	.43940	.26721	.23423
#1	.50031	.52368	.47879	25.039	23.808	25.028	.50602
#2	.49866	.52035	.47642	24.878	23.661	24.933	.50434
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.915	.51067	.50882	.50827	.50845	.51364	.50760
SDev	.184	.00218	.00277	.00289	.00285	.00413	.00178
%RSD	.80136	.42750	.54418	.56852	.56041	.80338	.34993
#1	23.045	.51221	.51077	.51032	.51047	.51655	.50885
#2	22.785	.50912	.50686	.50623	.50644	.51072	.50634
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50526	.51783	.50399	.50100	.49524	.52380	.50455
SDev	.00776	.00231	.00181	.00097	.00323	.00215	.00152
%RSD	1.5358	.44607	.35836	.19391	.65242	.41085	.30102
#1	.51075	.51947	.50526	.50031	.49753	.52532	.50563
#2	.49977	.51620	.50271	.50168	.49296	.52228	.50348
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48606	.50291
SDev	.00048	.00143
%RSD	.09788	.28491
#1	.48639	.50190
#2	.48572	.50392
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6602	--	--	--	--	--	--
SDev	12.51593	--	--	--	--	--	--
%RSD	.1895793	--	--	--	--	--	--
#1	6593	--	--	--	--	--	--
#2	6611	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 08:50:05 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 20:45:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00402	-.00228	.00126	.00014	.00026	.02181	-.00013
SDev	.00667	.00010	.00067	.00000	.00005	.01001	.00001
%RSD	165.84	4.5527	53.338	.02988	17.733	45.929	10.065
#1	-.00069	-.00220	.00174	.00014	.00023	.01472	-.00014
#2	.00874	-.00235	.00079	.00014	.00029	.02889	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00039	-.00038	.01661	-.00980	.00957	.00036
SDev	.00021	.00010	.00005	.00085	.00447	.00339	.00000
%RSD	146.33	24.199	13.541	5.1151	45.649	35.432	.10017
#1	-.00000	.00046	-.00041	.01601	-.00663	.00717	.00036
#2	.00029	.00033	-.00034	.01721	-.01296	.01197	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07810	.00010	.00127	.00004	.00045	-.00328	.00057
SDev	.07897	.00006	.00110	.00067	.00008	.00224	.00089
%RSD	101.11	57.555	86.196	1744.4	17.509	68.197	155.12
#1	-.02226	.00013	.00050	.00051	.00050	-.00170	.00120
#2	-.13393	.00006	.00205	-.00043	.00039	-.00486	-.00006
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00430	-.00277	.00056	-.00205	.00001	.00188	.00036
SDev	.00044	.00314	.00021	.00291	.00000	.00072	.00075
%RSD	10.286	113.09	37.184	141.91	20.482	38.155	210.01
#1	-.00399	-.00056	.00071	.00001	.00001	.00137	-.00017
#2	-.00461	-.00499	.00041	-.00410	.00001	.00238	.00089
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00026	-.00111
SDev	.00032	.00152
%RSD	125.07	136.85
#1	-.00003	-.00219
#2	-.00048	-.00004
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6660	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0573306	--	--	--	--	--	--
#1	6663	--	--	--	--	--	--
#2	6657	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: TWS

Primary Review: JF Date: 9/8/08 Secondary Review: AM Date: 9/8/08

Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12

Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-095-A	1090508	TRACE1	09/05/08	10:33		X	IR
2	STD 1 12-097-C	1090508	TRACE1	09/05/08	10:38		X	IR
3	STD 2 12-097-D	1090508	TRACE1	09/05/08	10:43		X	IR
4	STD 3 12-097-B	1090508	TRACE1	09/05/08	10:47		X	IR
5	STD 3 VER	1090508	TRACE1	09/05/08	10:52	TWS	B	CONC
6	ICV 12-095-E	1090508	TRACE1	09/05/08	10:57	TWS	Q	CONC
7	ICB 12-095-A	1090508	TRACE1	09/05/08	11:02	TWS	B	CONC
8	CRI 12-094-A	1090508	TRACE1	09/05/08	11:07	TWS	B	CONC
9	ICSA 12-094-B	1090508	TRACE1	09/05/08	11:13	TWS	Q	CONC
10	ICSAB 12-094-C	1090508	TRACE1	09/05/08	11:19	TWS	Q	CONC
11	CCV 12-093-F	1090508	TRACE1	09/05/08	11:27	TWS	Q	CONC
12	CCB 12-095-A	1090508	TRACE1	09/05/08	11:32	TWS	B	CONC
13	AD849718 A586	1090508	TRACE1	09/05/08	11:41	TWS	S	CONC
14	AD849719	1090508	TRACE1	09/05/08	11:46	TWS	S	CONC
15	AD850202/PB	1090508	TRACE1	09/05/08	11:52	TWS	S	CONC
16	AD850196/MS A716	1090508	TRACE1	09/05/08	11:57	TWS	S	CONC
17	AD850197/SD	1090508	TRACE1	09/05/08	12:02	TWS	S	CONC
18	AD850198	1090508	TRACE1	09/05/08	12:07	TWS	S	CONC
19	AD850199	1090508	TRACE1	09/05/08	12:12	TWS	S	CONC
20	AD850199/(1:10)	1090508	TRACE1	09/05/08	12:19	TWS	S	CONC
21	AD850200	1090508	TRACE1	09/05/08	12:24	TWS	S	CONC
22	AD850200/(1:10)	1090508	TRACE1	09/05/08	12:31	TWS	S	CONC
23	CCV	1090508	TRACE1	09/05/08	12:39	TWS	Q	CONC
24	CCB	1090508	TRACE1	09/05/08	12:44	TWS	B	CONC
25	AD850227/FB	1090508	TRACE1	09/05/08	12:49	TWS	S	CONC
26	AD850223 A714	1090508	TRACE1	09/05/08	12:55	TWS	S	CONC
27	AD849896/(1:5) A630	1090508	TRACE1	09/05/08	13:00	TWS	S	CONC
28	AD849897/(1:5)	1090508	TRACE1	09/05/08	13:05	TWS	S	CONC
29	AD849903/(1:10)	1090508	TRACE1	09/05/08	13:10	TWS	S	CONC
30	AD849909/MS (1:5)	1090508	TRACE1	09/05/08	13:15	TWS	S	CONC
31	AD849910/SD (1:5)	1090508	TRACE1	09/05/08	13:20	TWS	S	CONC
32	AD849913/(1:10)	1090508	TRACE1	09/05/08	13:25	TWS	S	CONC
33	AD850134/(1:5) A489	1090508	TRACE1	09/05/08	13:30	TWS	S	CONC
34	AD849854/(1:5) A551	1090508	TRACE1	09/05/08	13:35	TWS	S	CONC
35	CCV	1090508	TRACE1	09/05/08	13:43	TWS	Q	CONC
36	CCB	1090508	TRACE1	09/05/08	13:48	TWS	B	CONC
37	AD849876/(1:20) A613	1090508	TRACE1	09/05/08	13:59	TWS	S	CONC
38	AD849799/(1:10) A564	1090508	TRACE1	09/05/08	14:05	TWS	S	CONC
39	AD849800/(1:10) A475	1090508	TRACE1	09/05/08	14:10	TWS	S	CONC
40	AD848903	1090508	TRACE1	09/05/08	14:16	TWS	S	CONC
41	AD850415/PB	1090508	TRACE1	09/05/08	14:24	TWS	S	CONC
42	AD850414/CLPSL	1090508	TRACE1	09/05/08	14:29	TWS	S	CONC
43	AD850397 A699	1090508	TRACE1	09/05/08	14:34	TWS	S	CONC
44	AD850398	1090508	TRACE1	09/05/08	14:39	TWS	S	CONC
45	AD850399	1090508	TRACE1	09/05/08	14:44	TWS	S	CONC
46	AD850400 A707	1090508	TRACE1	09/05/08	14:49	TWS	S	CONC
47	CCV	1090508	TRACE1	09/05/08	14:57	TWS	Q	CONC
48	CCB	1090508	TRACE1	09/05/08	15:02	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD850401 A707	1090508	TRACE1	09/05/08	15:07	TWS	S	CONC
50	AD850402	1090508	TRACE1	09/05/08	15:12	TWS	S	CONC
51	AD850403	1090508	TRACE1	09/05/08	15:19	TWS	S	CONC
52	AD850404	1090508	TRACE1	09/05/08	15:24	TWS	S	CONC
53	AD850405	1090508	TRACE1	09/05/08	15:29	TWS	S	CONC
54	AD850406 A718	1090508	TRACE1	09/05/08	15:34	TWS	S	CONC
55	AD850406/L (1:5)	1090508	TRACE1	09/05/08	15:39	TWS	S	CONC
56	AD850406/PS	1090508	TRACE1	09/05/08	15:44	TWS	S	CONC
57	AD850407/MS	1090508	TRACE1	09/05/08	15:49	TWS	S	CONC
58	AD850408/SD	1090508	TRACE1	09/05/08	15:54	TWS	S	CONC
59	CCV	1090508	TRACE1	09/05/08	16:02	TWS	Q	CONC
60	CCB	1090508	TRACE1	09/05/08	16:07	TWS	B	CONC
61	AD850409 A789	1090508	TRACE1	09/05/08	16:12	TWS	S	CONC
62	AD850410	1090508	TRACE1	09/05/08	16:17	TWS	S	CONC
63	AD850411	1090508	TRACE1	09/05/08	16:23	TWS	S	CONC
64	AD850412	1090508	TRACE1	09/05/08	16:28	TWS	S	CONC
65	AD850413	1090508	TRACE1	09/05/08	16:33	TWS	S	CONC
66	AD850292/PB	1090508	TRACE1	09/05/08	16:41	TWS	S	CONC
67	AD850291/FB	1090508	TRACE1	09/05/08	16:46	TWS	S	CONC
68	AD850273 A763	1090508	TRACE1	09/05/08	16:51	TWS	S	CONC
69	AD850274	1090508	TRACE1	09/05/08	16:56	TWS	S	CONC
70	AD850275	1090508	TRACE1	09/05/08	17:01	TWS	S	CONC
71	CCV	1090508	TRACE1	09/05/08	17:09	TWS	Q	CONC
72	CCB	1090508	TRACE1	09/05/08	17:14	TWS	B	CONC
73	AD850275/L (1:5)	1090508	TRACE1	09/05/08	17:19	TWS	S	CONC
74	AD850275/PS	1090508	TRACE1	09/05/08	17:24	TWS	S	CONC
75	AD850276/MS	1090508	TRACE1	09/05/08	17:29	TWS	S	CONC
76	AD850277/SD	1090508	TRACE1	09/05/08	17:34	TWS	S	CONC
77	AD850278	1090508	TRACE1	09/05/08	17:39	TWS	S	CONC
78	AD850279	1090508	TRACE1	09/05/08	17:45	TWS	S	CONC
79	AD850280	1090508	TRACE1	09/05/08	17:50	TWS	S	CONC
80	AD850281	1090508	TRACE1	09/05/08	17:55	TWS	S	CONC
81	AD850282	1090508	TRACE1	09/05/08	18:00	TWS	S	CONC
82	AD850283	1090508	TRACE1	09/05/08	18:05	TWS	S	CONC
83	CCV	1090508	TRACE1	09/05/08	18:13	TWS	Q	CONC
84	CCB	1090508	TRACE1	09/05/08	18:18	TWS	B	CONC
85	AD850284	1090508	TRACE1	09/05/08	18:23	TWS	S	CONC
86	AD850285	1090508	TRACE1	09/05/08	18:28	TWS	S	CONC
87	AD850286	1090508	TRACE1	09/05/08	18:33	TWS	S	CONC
88	AD850287	1090508	TRACE1	09/05/08	18:38	TWS	S	CONC
89	AD850288	1090508	TRACE1	09/05/08	18:43	TWS	S	CONC
90	AD850289	1090508	TRACE1	09/05/08	18:48	TWS	S	CONC
91	AD850290	1090508	TRACE1	09/05/08	18:53	TWS	S	CONC
92	AD850331/PB	1090508	TRACE1	09/05/08	19:01	TWS	S	CONC
93	AD850330/LCS	1090508	TRACE1	09/05/08	19:06	TWS	S	CONC
94	AD850327 A559	1090508	TRACE1	09/05/08	19:11	TWS	S	CONC
95	CCV	1090508	TRACE1	09/05/08	19:19	TWS	Q	CONC
96	CCB	1090508	TRACE1	09/05/08	19:24	TWS	B	CONC
97	AD850327/L (1:5)	1090508	TRACE1	09/05/08	19:29	TWS	S	CONC
98	AD850327/PS	1090508	TRACE1	09/05/08	19:35	TWS	S	CONC
99	AD850328/MS	1090508	TRACE1	09/05/08	19:40	TWS	S	CONC
100	AD850329/SD	1090508	TRACE1	09/05/08	19:45	TWS	S	CONC
101	CCV	1090508	TRACE1	09/05/08	19:53	TWS	Q	CONC
102	CCB	1090508	TRACE1	09/05/08	19:58	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.13994	3.6871	17.8614	34.8764	50.729	18.900
2	As1890	-.02867	1.01963	5.18422	9.99748	.99171	.37555
3	B_2496	.00622	.35138	1.75828	3.42837	1.0195	.37592
4	Ba4934	-.00022	.59179	2.98634	5.82718	1.0201	.37870
5	Be3130	.10945	1.34756	6.34574	12.1185	1.0116	.38966
6	Ca3179	.02503			34.3919	50.543	19.458
7	Cd2265	.00515	1.69248	8.41579	16.1925	.98598	.38252
8	Co2286	-.00545	.70222	3.55179	6.87527	1.0019	.38036
9	Cr2677	.00151	.54075	2.71879	5.28413	1.0064	Q.39758
10	Cu3247	.00675	.40921	2.03671	3.96555	1.0215	.38348
11	Fe2714	-.00053	.60972	3.06845	5.96674	50.114	19.150
12	K_7664	-.19658			120.582	52.351	19.383
13	Mg2790	.00091			17.8312	50.976	19.612
14	Mn2576	.00045	.32403	1.6325	3.15873	1.0108	.39145
15	Na3302	.00629			1.89422	51.448	18.969
16	Ni2316	-.01031	.55088	2.81992	5.49189	.99880	.38901
17	2203/1	.00849	.46632	2.28945	4.41637	.99548	.38913
18	2203/2	-.00583	2.48996	12.5156	24.3092	1.0019	.38835
19	Sb2068	.00386	.16475	.81632	1.59794	1.0087	Q.39629
20	1960/1	-.0433	.28957	1.61363	3.18222	.99653	.39606
21	1960/2	.03678	.43764	1.99616	3.91202	.99438	.38496
22	Ti3372	.00023	.93399	4.72357	9.18843	1.0111	Q.40019
23	Tl1908	-.02002	.31014	1.58475	3.13433	.97883	.38517
24	V_2924	.00037	.07231	.36468	.70995	1.0095	.38335
25	Zn2062	.00128	.07582	.37477	.71853	.99666	.39230
26	Sn1899	-.00121	.05182	.27004	.5269	.99608	.38822
27	Ag3280	-.04073	.51083	2.74368	5.40686	1.0194	.38454
28	Mo2020	.00106	.23535	1.18844	2.2977	1.0125	.39173
29	*Y	6591.9	6416.03	6387.75	6473.62	6245.62	6257.1
30	PB2203					.99974	.38861
31	SE1960					.99509	.38866

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01488	.21199	529.23	535.76	24.300	.06728
2	As1890	.00174	.01334	.00339	.11872	.48551	.00152
3	B_2496	-.00135	.02117	.00101	.00339	.48042	.00001
4	Ba4934	.00003	.00203	.00065	.54663	.48584	.00020
5	Be3130	.00030	.00248	.00111	.53049	.50139	.00066
6	Ca3179	.00641	.51456	555.64	558.73	25.200	.05986
7	Cd2265	.00017	.00093	.00008	1.0312	.49328	.00021
8	Co2286	-.00026	.00425	.00007	.51440	.49111	.00070
9	Cr2677	.00026	.00462	-.00015	.54154	.51172	.00048
10	Cu3247	-.00010	.00954	-.00206	.55823	.49267	-.00045
11	Fe2714	.00534	.05208	209.37	104.64	24.693	.02723
12	K_7664	.01102	.49774	.02121	.02122	25.180	-.00598
13	Mg2790	.00951	.20813	546.02	547.51	25.249	.05678
14	Mn2576	.00011	.00328	-.00010	.53004	.51213	.00021
15	Na3302	.00473	1.0858	-.10382	.15614	24.258	-.01803
16	Ni2316	-.00006	.00967	.00089	1.0171	.50124	.00003
17	2203/1	.00211	.00536	.03015	.10254	.50336	.00054
18	2203/2	-.00061	.00492	-.02071	.02394	.50231	.00124

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00198	.02068	-.00086	.67816	.49726	-.00210
20	1960/1	-.00100	.01261	-.01054	.06405	.50540	-.00302
21	1960/2	.00093	.01481	.00524	.05513	.50516	-.00018
22	Ti3372	-.00033	.00496	-.00034	.00125	.50686	-.00008
23	Tl1908	.00532	.02061	-.00627	.10657	.48886	.00418
24	V_2924	.00010	.00564	.00115	.54704	.49350	.00034
25	Zn2062	.00031	.01164	-.00168	1.0260	.50259	.00035
26	Sn1899	.00155	.00941	.00437	.00324	.50365	-.00050
27	Ag3280	-.00016	.00352	.00128	.22833	.49925	.00093
28	Mo2020	-.00012	.00975	.00134	-.00143	.48936	.00161
29	*Y	6530.18	6426.98	5753.18	5679.3	6414.08	6394.05
30	PB2203	.00029	.00506	-.00377	.05012	.50266	.00101
31	SE1960	.00029	.01408	-.00001	.05810	.50523	-.00113

#	Element	AD849718	AD849719	AD8'2/PB	AD8'6/MS	AD8'7/SD	AD850198
1	Al3082	3.2848	.07131	.04546	67.943	52.539	38.533
2	As1890	.00130	.00224	.00026	.57608	.62903	.18314
3	B_2496	.02119	.00996	-.00018	.55825	.59666	.07883
4	Ba4934	.01696	.00003	-.00001	1.5928	1.9219	.73756
5	Be3130	.00035	.00028	.00189	.48848	.49961	.00622
6	Ca3179	.59969	.19423	.08054	474.20	751.07	86.643
7	Cd2265	-.00011	-.00020	.00011	.47165	.48935	.01260
8	Co2286	.00048	-.00031	-.00080	.53037	.54815	.08221
9	Cr2677	.00149	-.00010	.00041	.63191	.74081	.19113
10	Cu3247	.00035	-.00006	.00175	1.8558	1.9474	1.7956
11	Fe2714	.72099	-.01063	.00103	518.11	330.96	368.77
12	K_7664	.13014	-.04224	.02890	30.370	30.547	4.9191
13	Mg2790	.87143	.01293	.00619	187.51	356.19	33.101
14	Mn2576	.00167	.00009	.00036	7.5986	8.9407	4.3594
15	Na3302	2.3471	-.12148	.09476	25.559	26.764	.98329
16	Ni2316	.00113	-.00051	-.00132	.67502	.75059	.31619
17	2203/1	.00281	.00142	.00434	4.3545	4.9247	3.8696
18	2203/2	.00012	-.00035	.00242	4.4231	4.9841	3.9051
19	Sb2068	-.00161	-.00376	-.00115	.39456	.49449	.07168
20	1960/1	-.00107	-.00230	-.00959	.42254	.47722	.00483
21	1960/2	-.00129	-.00132	.00979	.43357	.47695	.01588
22	Ti3372	.03764	-.00053	-.00016	1.8445	1.5328	1.4084
23	Tl1908	.00204	.00007	-.00162	.42986	.45318	.00139
24	V_2924	.00084	-.00085	-.00014	.60620	.61427	.13578
25	Zn2062	.00164	.00192	.00748	4.0139	4.6062	3.4671
26	Sn1899	-.00063	-.00092	H.04626	.74107	.77424	.25754
27	Ag3280	-.00050	-.00087	-.00020	.12472	.12982	.00301
28	Mo2020	-.00054	-.00049	-.00014	.48718	.52663	.03194
29	*Y	6400.35	6442.43	5426.78	5358	5228.25	5457.45
30	PB2203	.00102	.00024	.00306	4.4002	4.9643	3.8933
31	SE1960	-.00121	-.00165	.00332	.42989	.47703	.01220

#	Element	AD850199	AD8':10)	AD850200	AD8':10)	CCV	CCB
1	Al3082	23.353	2.2724	33.777	2.9889	25.112	.01757
2	As1890	.04980	.00556	.08883	.01094	.50677	.00245
3	B_2496	.15210	.01546	.19133	.01808	.49963	.00070
4	Ba4934	.29840	.02923	.32830	.02904	.50546	.00006
5	Be3130	.00376	.00083	.00646	.00106	.52524	.00059
6	Ca3179	H1084.8	101.94	H1358.3	108.31	25.903	.01987
7	Cd2265	.00206	.00003	.00147	.00005	.50716	.00001
8	Co2286	.04776	.00454	.05264	.00502	.50710	.00015
9	Cr2677	1.8149	.18611	.08472	.00755	.53087	-.00012
10	Cu3247	.46354	.04475	.24560	.02139	.51250	-.00001
11	Fe2714	207.70	21.354	185.87	17.043	25.565	.00211
12	K_7664	10.569	.92427	15.935	1.3154	26.374	-.01386
13	Mg2790	438.95	44.280	455.15	41.231	26.272	.02240
14	Mn2576	4.4729	.46153	3.6221	.33237	.53228	.00024
15	Na3302	1.6047	.17268	2.0132	.12860	25.183	-.02321
16	Ni2316	.31313	.03278	.11639	.01096	.51871	-.00067
17	2203/1	2.3969	.25180	.57078	.05190	.51782	.00153
18	2203/2	2.4319	.25458	.57241	.05575	.51663	.00072
19	Sb2068	.00123	-.00036	.00001	-.00100	.51080	-.00297
20	1960/1	.00338	-.00172	-.00268	-.00437	.51936	.00106
21	1960/2	-.00119	.00044	-.00130	.00293	.51527	-.00232
22	Ti3372	.25351	.02528	.40316	.03539	.52341	-.00026
23	Tl1908	-.00202	.00216	.00042	-.00196	.50259	.00062
24	V_2924	.13953	.01402	.08716	.00780	.50941	.00001
25	Zn2062	.40816	.04501	.43184	.04246	.52154	.00080
26	Sn1899	.03127	.00292	.05099	.00657	.52190	-.00022
27	Ag3280	.00175	.00017	.00101	.00032	.51522	-.00003
28	Mo2020	.16298	.01639	.01014	-.00009	.51081	.00183
29	*Y	6134.1	6300.68	5446.73	6142.5	6219.45	6354.08
30	PB2203	2.4203	.25366	.57187	.05447	.51703	.00099
31	SE1960	.00033	-.00027	-.00176	.00049	.51663	-.00119

#	Element	AD8'7/FB	AD850223	AD8'1:5)	AD8'1:5)	AD8':10)	AD8'1:5)
1	Al3082	9.7144	.26093	.03114	.03122	.24580	4.9989
2	As1890	.20148	.00087	.00229	.00430	-.00002	.05383
3	B_2496	.19503	.03200	.11274	.10815	.03468	.05852
4	Ba4934	.19534	.01789	.03220	.02253	.01104	.20155
5	Be3130	.19844	.00028	.00019	.00025	.00031	.04282
6	Ca3179	10.041	64.132	8.1185	3.6307	1.1786	53.686
7	Cd2265	.19786	-.00024	-.00005	-.00018	-.00039	.04100
8	Co2286	.19765	.00038	.00077	.00037	.00051	.04376
9	Cr2677	.19923	.00041	.01396	.01013	.00137	.05160
10	Cu3247	.19676	.00182	.01223	.00354	.00022	.04770
11	Fe2714	9.9369	.09647	1.0567	.46449	.44632	14.713
12	K_7664	10.146	1.7927	10.030	9.7481	.32360	3.8435
13	Mg2790	9.9992	8.5375	1.0827	.99039	.52755	17.828
14	Mn2576	.19848	.00788	.10566	.03666	.00842	.24316
15	Na3302	9.8094	14.566	182.00	173.84	195.84	87.988
16	Ni2316	.19817	-.00020	.01025	.00915	.00018	.04901
17	2203/1	.20024	.00200	.00517	.00683	-.00173	.04647
18	2203/2	.19909	-.00043	.00397	.00117	.00363	.04544

#	Element	AD8'7/FB	AD850223	AD8'1:5)	AD8'1:5)	AD8':10)	AD8'1:5)
19	Sb2068	.19871	-.00480	-.00350	-.00351	-.00290	.03381
20	1960/1	.20105	.00008	.00043	.00367	-.00296	.03926
21	1960/2	.19665	-.00211	-.00099	.00288	-.00242	.04338
22	Ti3372	.19713	-.00007	.00000	-.00006	.00974	.08087
23	Tl1908	.19394	.00157	.00152	.00193	-.00296	.04184
24	V_2924	.19657	-.00041	.00179	.00090	.00303	.04735
25	Zn2062	.19787	.01118	.00603	.00334	.00225	.06001
26	Sn1899	.20507	.00001	.00100	-.00026	.00023	.04352
27	Ag3280	.04981	-.00049	-.00007	.00008	.00054	.01048
28	Mo2020	.19784	.00368	1.0226	.98749	.00879	.04343
29	*Y	6535.95	6339.53	6419.33	6470.85	6427.88	6249.23
30	PB2203	.19947	.00037	.00437	.00305	.00184	.04578
31	SE1960	.19811	-.00138	-.00051	.00314	-.00260	.04201

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	CCV	CCB
1	Al3082	4.9241	34.813	.03789	.01810	25.060	.01342
2	As1890	.05416	.30224	.01624	.00598	.50343	.00137
3	B_2496	.05889	.02763	1.5509	.27187	.49847	.00126
4	Ba4934	.20125	.38927	.06849	.00766	.50513	.00015
5	Be3130	.04386	.00163	.00057	.00043	.52371	.00062
6	Ca3179	53.580	69.382	22.422	48.700	25.768	.01689
7	Cd2265	.04209	.00114	.00002	-.00008	.50403	.00027
8	Co2286	.04452	.02102	.00449	.02438	.50559	.00020
9	Cr2677	.05219	.05056	.02176	-.00081	.52827	-.00015
10	Cu3247	.04905	.17127	.00037	.00137	.51262	.00018
11	Fe2714	14.587	152.10	.34051	33.863	25.421	.00472
12	K_7664	3.9341	4.6382	88.478	18.226	26.258	-.00983
13	Mg2790	17.951	24.160	38.548	38.052	26.230	.01589
14	Mn2576	.24386	1.4384	.02661	18.793	.53115	.00073
15	Na3302	87.030	4.5434	247.32	58.200	25.138	-.09472
16	Ni2316	.05002	.07082	.01989	.02330	.51535	-.00043
17	2203/1	.04707	.03665	.00140	.00152	.51439	-.00047
18	2203/2	.04680	.03045	-.00140	.00072	.51808	.00014
19	Sb2068	.03699	.00014	-.00327	-.00210	.50999	-.00087
20	1960/1	.03993	.00247	.00346	.00246	.52219	-.00212
21	1960/2	.04068	.00266	-.00178	-.00092	.51995	.00096
22	Ti3372	.07950	.16557	.04449	.00006	.52274	-.00012
23	Tl1908	.04367	.00264	.00383	.00716	.49796	.00019
24	V_2924	.04786	.07490	.00844	.00007	.50789	-.00019
25	Zn2062	.06109	.35460	.00757	.00967	.51735	.00017
26	Sn1899	.04397	.00479	.00034	-.00167	.51562	-.00157
27	Ag3280	.01024	.00007	.00014	-.00039	.51657	.00042
28	Mo2020	.04543	.02315	.00202	.00071	.51101	.00136
29	*Y	6227.48	6741.83	6184.95	6205.13	6180.6	6318
30	PB2203	.04689	.03251	-.00046	.00099	.51685	-.00005
31	SE1960	.04043	.00260	-.00003	.00020	.52069	-.00006

#	Element	AD8':20)	AD8':10)	AD8':10)	AD848903	AD8'5/PB	AD8'LPSL
1	Al3082	4.4505	.05042	.02059	46.589	.01902	89.931
2	As1890	.01098	.00566	.00273	.02574	.00260	1.4160
3	B_2496	.01984	1.4754	1.6579	.04047	-.00012	1.4150
4	Ba4934	.05902	.09465	.05801	.25383	.00031	2.3630
5	Be3130	.00110	.00045	.00049	.00338	H.00214	1.3012
6	Ca3179	51.156	5.9864	8.8358	211.72	.06022	105.85
7	Cd2265	.00032	-.00010	.00025	.00035	.00000	1.1193
8	Co2286	.00230	.00788	.00520	.03481	-.00058	1.4502
9	Cr2677	.45938	.01597	.00850	.05840	.00048	2.5131
10	Cu3247	.17685	.00902	.00265	.09610	.00192	1.7195
11	Fe2714	56.433	.72888	.67814	95.307	.00775	161.77
12	K_7664	.22495	65.901	73.627	7.0706	.00914	56.100
13	Mg2790	11.456	17.698	29.281	58.326	.01078	51.885
14	Mn2576	12.120	.01079	.01913	3.4630	.00033	5.5236
15	Na3302	.09723	235.44	217.32	.92668	-.04276	8.9334
16	Ni2316	.01871	.06658	.03918	.07638	-.00082	1.3513
17	2203/1	.07329	.00117	.00294	.07440	.00713	1.8621
18	2203/2	.07350	.00086	.00083	.07008	-.00106	1.8468
19	Sb2068	.00147	-.00202	-.00027	-.00250	-.00200	.71956
20	1960/1	.00109	-.00096	.00256	-.00684	-.00795	1.0579
21	1960/2	.00438	.00098	.00109	.00465	.00200	1.0362
22	Ti3372	.76749	.02599	.01417	1.4047	.00103	5.5339
23	Tl1908	.00349	.00165	.00095	-.00178	.00220	1.6518
24	V_2924	.25781	.01322	.00605	.10092	-.00080	1.3006
25	Zn2062	.06881	.03379	.05332	.23237	.00330	3.0286
26	Sn1899	.00849	.00023	.00074	.04161	H.04752	1.1327
27	Ag3280	-.00073	-.00032	.00006	.00051	-.00174	.87690
28	Mo2020	.00636	-.00015	.00091	.00188	-.00025	1.2504
29	*Y	6131.33	6260.78	6319.05	5714.1	5197.12	6048.9
30	PB2203	.07343	.00096	.00153	.07152	.00166	1.8519
31	SE1960	.00328	.00033	.00158	.00082	-.00131	1.0434

#	Element	AD850397	AD850398	AD850399	AD850400	CCV	CCB
1	Al3082	266.83	270.91	k42.669	131.68	24.293	.01601
2	As1890	.05836	.04749	k.05078	.07967	.48638	.00055
3	B_2496	.48618	.53706	k.12829	.02510	.48268	.00075
4	Ba4934	2.7104	2.8061	k1.0153	.43839	.48834	.00024
5	Be3130	.07631	.07381	k.01224	.00627	.50284	.00024
6	Ca3179	H1893.8	H1778.7	C.00000	2.2896	24.971	.05357
7	Cd2265	.49994	.01644	k.05251	.00088	.48995	-.00012
8	Co2286	.01203	.02967	k.02007	.09669	.49017	.00032
9	Cr2677	.11931	.06912	k.08848	.18124	.51222	.00059
10	Cu3247	.49589	.39261	k.47636	.14312	.49651	.00076
11	Fe2714	140.60	172.43	k116.64	267.22	24.636	.03583
12	K_7664	22.383	24.452	k8.0869	10.252	25.369	.00284
13	Mg2790	84.417	49.340	937.55	40.453	25.191	.02858
14	Mn2576	19.488	19.662	k9.4057	3.5681	.51121	.00073
15	Na3302	9.0780	9.9890	k3.4771	.43022	24.495	.07547
16	Ni2316	.12626	.10885	k.11520	.24473	.50133	-.00011
17	2203/1	.44654	.27374	k.85185	.11568	.49644	-.00027
18	2203/2	.44058	.25846	k.86499	.09300	.50193	.00127

#	Element	AD850397	AD850398	AD850399	AD850400	CCV	CCB
19	Sb2068	-.00202	-.00131	k.00337	-.00323	.49150	.00190
20	1960/1	.02222	.02466	k.00015	-.00040	.50265	.00009
21	1960/2	.02898	.02544	k.00849	.01555	.50062	.00352
22	Ti3372	7.2330	7.6712	k1.3001	1.3813	.50598	.00072
23	Tl1908	.00569	.00107	k.00492	.00124	.49146	.00362
24	V_2924	.17269	.07425	k.19816	.17767	.49389	.00034
25	Zn2062	1.8591	1.1944	k5.9427	.59637	.50016	.00069
26	Sn1899	.09448	.15114	k.09410	.03443	.50280	-.00081
27	Ag3280	.00250	.00001	k.00167	-.00159	.50125	.00067
28	Mo2020	.01600	.01079	k.01458	.00489	.48942	.00098
29	*Y	6974.55	6718.95	5279.62	5460.45	6394.95	6353.4
30	PB2203	.44256	.26355	k.86061	.10055	.50010	.00076
31	SE1960	.02673	.02518	k.00571	.01023	.50129	.00237

#	Element	AD850401	AD850402	AD850403	AD850404	AD850405	AD850406
1	Al3082	116.70	130.06	154.07	147.40	115.25	45.644
2	As1890	.04874	.09881	.10791	.10257	.07647	.02367
3	B_2496	.01442	.02772	.04864	.04713	.03237	.03506
4	Ba4934	.35234	.64194	.81271	.76119	.50111	.25877
5	Be3130	.00327	.00591	.00734	.00737	.00563	.00375
6	Ca3179	5.4849	34.135	39.160	76.649	57.217	150.45
7	Cd2265	.00115	.00091	.00040	.00009	.00081	.00090
8	Co2286	.07086	.11756	.14591	.13258	.09588	.03048
9	Cr2677	.12868	.19156	.22141	.21432	.16413	.06087
10	Cu3247	.07085	.17583	.18391	.15271	.17779	.07476
11	Fe2714	191.29	286.60	320.24	300.41	249.82	84.497
12	K_7664	4.7118	11.996	17.154	16.806	11.149	8.5964
13	Mg2790	23.790	53.266	57.095	53.623	41.759	40.431
14	Mn2576	1.8732	3.9188	5.2426	4.1609	3.8623	3.1705
15	Na3302	.39009	.49734	.86973	.93140	.77482	1.1230
16	Ni2316	.15533	.29140	.32362	.30478	.23971	.06207
17	2203/1	.09198	.12209	.16451	.14485	.13691	.04706
18	2203/2	.07612	.10242	.14012	.12473	.11940	.04046
19	Sb2068	-.00407	-.00128	-.00203	-.00171	.00253	-.00297
20	1960/1	.00304	.00163	.00047	-.00917	-.00793	-.00636
21	1960/2	.00985	.00590	.00763	.00950	.00343	.00420
22	Ti3372	1.1482	.69740	1.2478	1.6291	.95893	1.6420
23	Tl1908	.00200	.00326	-.00320	.00211	.00274	.00012
24	V_2924	.15228	.17636	.21844	.20971	.16253	.09482
25	Zn2062	.45926	.60485	.62563	.95148	.57279	.21451
26	Sn1899	.01593	.02965	.04065	.04618	.04665	.04737
27	Ag3280	-.00058	-.00171	-.00107	.00000	-.00069	-.00081
28	Mo2020	.00426	.00373	.00028	.00141	.00337	.00169
29	*Y	6538.95	5860.5	5845.12	5597.48	5474.55	5537.55
30	PB2203	.08140	.10897	.14825	.13143	.12523	.04265
31	SE1960	.00758	.00448	.00524	.00327	-.00035	.00068

#	Element	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD	CCV	CCB
1	Al3082	8.2754	66.803	49.786	61.322	25.065	.00370
2	As1890	.00470	.48868	.40400	.47085	.50498	.00071
3	B_2496	.00592	.48445	.39504	.45956	.50206	-.00004
4	Ba4934	.04624	.70959	.56108	.69001	.50937	.00015
5	Be3130	.00092	.48384	.39026	.47097	.53167	.00038
6	Ca3179	26.768	169.04	189.72	202.31	26.036	.02527
7	Cd2265	-.00003	.46454	.37578	.43921	.50857	.00010
8	Co2286	.00562	.49741	.40592	.48094	.50989	.00055
9	Cr2677	.01020	.53582	.42565	.51091	.53599	.00016
10	Cu3247	.01304	.54940	.46340	.53833	.51530	.00076
11	Fe2714	15.172	104.57	83.636	100.89	25.686	.02742
12	K_7664	1.4939	31.584	24.702	28.770	26.711	-.00682
13	Mg2790	7.2066	62.592	60.530	67.953	26.564	.01425
14	Mn2576	.56945	3.4802	3.4608	4.1882	.53649	.00039
15	Na3302	.09778	24.054	20.479	23.377	25.217	-.10183
16	Ni2316	.01070	.52574	.43405	.51573	.52397	-.00014
17	2203/1	.00610	.50687	.41567	.48306	.52072	-.00017
18	2203/2	.00982	.50265	.41715	.47477	.52216	.00099
19	Sb2068	-.00605	.47099	.29761	.37639	.51360	-.00499
20	1960/1	-.00909	.45276	.37390	.42709	.53021	-.00036
21	1960/2	.00288	.45364	.37437	.43532	.51740	.00215
22	Ti3372	.30773	2.0738	1.2575	1.6286	.52460	.00009
23	Tl1908	-.00002	.44982	.36759	.43144	.50068	.00038
24	V_2924	.01687	.57200	.44710	.53285	.51225	.00034
25	Zn2062	.03973	.66940	.53341	.61243	.52823	.00026
26	Sn1899	.00863	.47242	.39976	.48865	.51773	-.00052
27	Ag3280	-.00062	.11630	.09941	.11362	.51775	.00006
28	Mo2020	.00015	.48488	.38623	.46692	.51657	.00132
29	*Y	6147.45	5619.9	6565.12	5604.9	6240.68	6353.93
30	PB2203	.00858	.50405	.41666	.47753	.52168	.00060
31	SE1960	-.00111	.45334	.37421	.43257	.52167	.00131

#	Element	AD850409	AD850410	AD850411	AD850412	AD850413	AD8'2/PB
1	Al3082	51.904	42.970	10.333	33.787	30.919	-.00757
2	As1890	.04094	.03485	.01331	.08997	.14598	.00111
3	B_2496	.08603	.05389	.02147	.10878	.05922	.00458
4	Ba4934	.37210	.18012	.16533	.59764	1.1057	.00013
5	Be3130	.00428	.00324	.00220	.00665	.00420	-.00001
6	Ca3179	29.864	11.826	63.549	369.90	289.41	.08995
7	Cd2265	.00113	.00069	.00083	.00266	.01369	-.00005
8	Co2286	.03077	.03111	.07135	.04871	.06022	.00007
9	Cr2677	.07562	.09420	.13551	.06522	.11203	-.00024
10	Cu3247	.16831	.39693	.13563	.30757	1.0943	.00100
11	Fe2714	158.01	134.82	56.149	293.47	240.29	.00470
12	K_7664	7.7838	6.6267	2.0823	7.8688	5.9234	-.02295
13	Mg2790	14.886	9.7350	28.548	116.78	90.405	.00485
14	Mn2576	3.1513	1.9820	1.5497	2.6614	3.9354	.00016
15	Na3302	1.3142	.90424	.48331	1.1919	1.2110	-.04190
16	Ni2316	.08423	.13519	.08405	.13624	.15301	.00034
17	2203/1	.13531	.10819	.44344	.80548	4.4559	.00143
18	2203/2	.13069	.10108	.45347	.81532	4.5542	-.00040

#	Element	AD850409	AD850410	AD850411	AD850412	AD850413	AD8'2/PB
19	Sb2068	.00073	.00420	.00093	.00721	.08888	-.00154
20	1960/1	-.00304	-.00068	-.01372	.00410	.01334	.00168
21	1960/2	.00328	.00931	.00965	.01955	.01384	-.00284
22	Ti3372	1.7489	1.1005	.57655	1.6649	1.3335	-.00030
23	Tl1908	.00002	.00179	-.00124	.00208	.00686	.00148
24	V_2924	.12837	.08998	.03576	.11856	.10471	-.00074
25	Zn2062	.92945	.24591	.25196	.56946	8.3615	.00221
26	Sn1899	.05531	.06567	.06822	.08981	.18855	.00184
27	Ag3280	-.00073	-.00076	.00055	-.00008	.00013	-.00079
28	Mo2020	.00638	.01058	.01376	.02428	.01309	-.00025
29	*Y	5880.75	5573.33	5486.48	5463.45	6415.58	6481.35
30	PB2203	.13223	.10345	.45013	.81205	4.5215	.00020
31	SE1960	.00117	.00598	.00186	.01440	.01368	-.00133

#	Element	AD8'1/FB	AD850273	AD850274	AD850275	CCV	CCB
1	Al3082	9.8646	-.00251	-.01476	-.00707	24.961	-.02963
2	As1890	.20803	.00012	.00236	.00684	.50390	.00150
3	B_2496	.20263	.00471	.03241	.08550	.50053	-.00095
4	Ba4934	.20193	.00012	.04626	.14775	.50827	.00006
5	Be3130	.20702	-.00001	.00015	.00001	.53228	.00027
6	Ca3179	10.264	.51691	49.651	34.937	25.880	.00675
7	Cd2265	.20140	-.00018	-.00030	-.00011	.50400	-.00005
8	Co2286	.20322	.00015	.00028	.00030	.50938	.00014
9	Cr2677	.20490	.00037	.00048	-.00028	.53365	.00006
10	Cu3247	.20463	.00115	.00302	.00240	.51572	.00088
11	Fe2714	10.153	.00660	-.00069	.02189	25.527	-.00566
12	K_7664	10.617	-.00899	1.8004	2.4228	26.521	-.03376
13	Mg2790	10.363	.09844	26.866	54.991	26.516	.00654
14	Mn2576	.20537	.00021	.00099	.15064	.52839	.00012
15	Na3302	10.217	.00275	222.39	28.154	25.302	-.05725
16	Ni2316	.20315	-.00015	.00125	.00048	.51898	-.00016
17	2203/1	.20456	-.00121	.00056	-.00035	.51757	.00043
18	2203/2	.20591	.00151	-.00111	.00143	.52163	.00201
19	Sb2068	.20044	-.00271	-.00114	-.00022	.51037	-.00136
20	1960/1	.20636	.00078	.00268	.00219	.51764	-.00280
21	1960/2	.20113	-.00261	.00261	-.00255	.52034	.00529
22	Ti3372	.20252	-.00016	-.00025	.00070	.52425	-.00017
23	Tl1908	.19754	-.00102	-.00109	.00075	.49393	-.00114
24	V_2924	.20157	-.00009	-.00008	.00088	.50975	-.00052
25	Zn2062	.20512	.00371	.00257	.02077	.52632	.00026
26	Sn1899	.20502	-.00194	-.00123	-.00072	.51073	-.00008
27	Ag3280	.05165	-.00049	-.00118	-.00070	.51785	-.00071
28	Mo2020	.20675	.00024	.00336	.00563	.51927	.00146
29	*Y	6477.6	6442.58	6254.93	6412.5	6265.8	6343.43
30	PB2203	.20546	.00060	-.00055	.00084	.52028	.00148
31	SE1960	.20287	-.00148	.00264	-.00096	.51944	.00259

4/19/08

#	Element	AD8'1:5)	AD8'5/PS	AD850276 MS	AD850277 SD	AD850278	AD850279
1	Al3082	-.02622	10.172	10.064	9.9148	-.02217	-.03174
2	As1890	.00282	.21815	.21585	.21293	.00181	.00303
3	B_2496	.01653	.28674	.29038	.28676	.06375	.03861
4	Ba4934	.02972	.35902	.36189	.35124	.12957	.11444
5	Be3130	.00021	.22021	.21418	.20845	.00003	.00010
6	Ca3179	7.0768	45.248	46.729	45.517	74.170	124.34
7	Cd2265	-.00004	.20320	.20044	.19797	-.00017	-.00011
8	Co2286	.00083	.20812	.20499	.20106	.00050	-.00019
9	Cr2677	-.00001	.21373	.20895	.20556	.00025	.00035
10	Cu3247	.00185	.21301	.20991	.20586	.00166	.00197
11	Fe2714	.00361	10.555	10.306	10.106	.45904	2.7517
12	K_7664	.43809	14.031	13.818	13.288	1.7060	1.7488
13	Mg2790	10.956	66.062	68.290	65.858	67.201	51.873
14	Mn2576	.03029	.36443	.36755	.35705	.05067	.16905
15	Na3302	5.7076	38.311	39.580	38.476	15.548	76.353
16	Ni2316	.00048	.21008	.20575	.20100	.00497	.00058
17	2203/1	.00082	.20850	.20592	.19963	.00083	.00140
18	2203/2	.00031	.21092	.20650	.20411	-.00016	.00136
19	Sb2068	.00159	.20965	.20342	.19660	.00033	.00097
20	1960/1	.00064	.21187	.20387	.20052	-.00364	.00015
21	1960/2	.00220	.20891	.20340	.20142	-.00267	.00140
22	Ti3372	-.00017	.21106	.20677	.20352	-.00025	-.00057
23	Tl1908	-.00106	.19807	.19565	.19452	-.00076	.00234
24	V_2924	.00013	.21124	.20641	.20350	-.00031	-.00058
25	Zn2062	.00414	.23069	.22640	.22125	.00209	.01663
26	Sn1899	-.00100	.18580	.20615	.19971	.00001	-.00046
27	Ag3280	-.00055	.05072	.05153	.05070	-.00134	-.00168
28	Mo2020	.00129	.22137	.21624	.21291	.00137	.00193
29	*Y	6312.23	6316.58	6369.98	6416.48	6349.43	6282.68
30	PB2203	.00048	.21011	.20630	.20262	.00016	.00137
31	SE1960	.00168	.20989	.20355	.20112	-.00300	.00098

#	Element	AD850280	AD850281	AD850282	AD850283	CCV	CCB
1	Al3082	-.02086	-.01910	-.02026	-.01850	25.039	L-.04747
2	As1890	.00302	.00155	.00340	.00193	.50264	.00079
3	B_2496	1.5392	.06779	.20171	.17351	.49940	-.00047
4	Ba4934	.25690	.15686	.06642	.10787	.51381	.00019
5	Be3130	.00027	.00016	.00005	.00007	.53880	.00007
6	Ca3179	229.23	135.30	47.365	199.81	25.891	.01924
7	Cd2265	-.00001	.00008	-.00017	-.00014	.49621	-.00004
8	Co2286	.00205	.00033	.00029	.00039	.50793	.00020
9	Cr2677	.00333	.00309	-.00019	.00006	.53688	.00059
10	Cu3247	.00189	.00279	.00163	.00120	.51796	.00167
11	Fe2714	2.4670	.01693	.02056	.11383	25.528	.00215
12	K_7664	9.2881	.82284	.85654	2.8554	26.973	-.01762
13	Mg2790	176.44	57.797	23.359	122.67	26.676	.01965
14	Mn2576	.03860	.13424	.05536	.03781	.53136	.00026
15	Na3302	H471.12	26.533	55.100	100.13	25.291	.00038
16	Ni2316	.08658	.00004	.00067	.00769	.52158	-.00005
17	2203/1	.00162	.00092	.00487	-.00014	.51510	.00285
18	2203/2	-.00228	.00084	-.00157	.00196	.52520	-.00162

#	Element	AD850280	AD850281	AD850282	AD850283	CCV	CCB
19	Sb2068	-.00167	-.00007	-.00071	-.00055	.50265	.00020
20	1960/1	.00584	-.00292	.00094	-.00129	.51138	-.00310
21	1960/2	-.00102	-.00356	-.00413	.00187	.51154	-.00349
22	Ti3372	-.00026	-.00025	-.00051	-.00001	.52317	-.00063
23	Tl1908	.00134	.00153	-.00089	.00250	.48643	.00199
24	V_2924	.00019	.00013	-.00052	-.00009	.51078	-.00031
25	Zn2062	.00873	.00230	.00203	.00207	.52867	.00002
26	Sn1899	-.00031	.00145	-.00036	.00109	.50772	-.00120
27	Ag3280	-.00104	-.00071	-.00090	-.00011	.51957	-.00128
28	Mo2020	.00185	.00134	.00630	.00000	.51634	.00149
29	*Y	6228.83	6339.3	6426.23	6373.88	6212.4	6452.48
30	PB2203	-.00098	.00086	.00057	.00126	.52184	-.00013
31	SE1960	.00126	-.00334	-.00244	.00081	.51148	-.00336

#	Element	AD850284	AD850285	AD850286	AD850287	AD850288	AD850289
1	Al3082	-.02425	-.01865	-.03658	L-.05180	L-.04057	-.03619
2	As1890	.00510	.00334	.00468	.00516	.00351	.00261
3	B_2496	.04584	.16638	.03843	.14641	.03169	.04293
4	Ba4934	.18219	.03217	.08948	.20070	.03628	.12696
5	Be3130	.00014	-.00006	.00000	-.00012	-.00011	.00000
6	Ca3179	126.36	27.820	97.959	154.22	84.024	117.01
7	Cd2265	-.00021	-.00004	-.00006	-.00019	-.00010	-.00008
8	Co2286	-.00027	.00050	-.00005	.00011	.00008	.00011
9	Cr2677	.00007	-.00028	-.00030	.00060	.00263	.00002
10	Cu3247	.00171	.00186	.00240	.00288	.00303	.00219
11	Fe2714	2.7369	.01539	.73581	1.6124	.00687	1.3752
12	K_7664	2.3817	1.0935	1.7663	2.7803	.73799	1.9675
13	Mg2790	60.668	22.643	39.456	102.23	42.471	65.748
14	Mn2576	.05984	.01929	.21031	.02906	.00119	.02355
15	Na3302	57.484	27.621	56.454	67.492	12.285	36.759
16	Ni2316	.00112	.00042	.00107	.01194	.00172	.00178
17	2203/1	.00073	-.00257	-.00027	-.00109	.00016	.00045
18	2203/2	.00014	.00135	.00108	.00050	.00050	-.00022
19	Sb2068	-.00302	-.00277	-.00338	-.00401	-.00114	-.00191
20	1960/1	-.00027	-.00426	-.00062	-.00242	-.00214	-.00146
21	1960/2	-.00021	-.00089	-.00267	.00084	-.00055	.00621
22	Ti3372	-.00051	-.00026	-.00060	-.00050	-.00082	-.00047
23	Tl1908	.00158	.00378	-.00014	.00176	.00397	.00165
24	V_2924	-.00058	.00056	-.00032	.00043	-.00030	.00021
25	Zn2062	.00541	.00297	.00288	.00366	.00699	.00147
26	Sn1899	.00007	-.00144	.00077	.00104	.00106	-.00108
27	Ag3280	-.00124	-.00051	-.00129	-.00193	-.00233	-.00175
28	Mo2020	.00225	.01452	.00183	.00256	.00209	.00376
29	*Y	6366.9	6436.88	6296.55	6279.38	6349.43	6316.88
30	PB2203	.00033	.00004	.00063	-.00003	.00038	.00000
31	SE1960	-.00023	-.00201	-.00199	-.00024	-.00108	.00365

#	Element	AD850290	AD8'1/PB	AD8'/LCS	AD850327	CCV	CCB
1	Al3082	.01014	.10860	-.00137	53.242	24.986	-.03017
2	As1890	.00234	.00166	1.0002	.07149	.49561	.00119
3	B_2496	.29063	.00854	.00328	.25231	.49384	-.00032
4	Ba4934	.02382	.00011	.98988	.08880	.50267	.00014
5	Be3130	-.00008	-.00011	1.0130	.00321	.52545	.00024
6	Ca3179	25.079	.45187	.12422	323.13	25.792	.03066
7	Cd2265	.00001	-.00004	.99554	.00028	.49341	.00014
8	Co2286	.00025	-.00020	.96143	.00638	.50397	.00074
9	Cr2677	.00049	.00048	1.0174	.05486	.53095	.00003
10	Cu3247	.00207	.00121	1.0133	.00333	.51414	.00191
11	Fe2714	.01381	.01986	.08197	53.425	25.264	.01183
12	K_7664	.90065	.00304	.00437	9.9042	25.431	-.00699
13	Mg2790	11.135	.00545	-.00376	20.374	26.164	.01553
14	Mn2576	.01425	.00021	1.0182	2.0244	.52057	.00036
15	Na3302	31.631	-.02381	-.15690	27.425	25.120	-.04441
16	Ni2316	.00059	.00086	1.0314	.02688	.51572	.00070
17	2203/1	.00137	.00388	.98149	.00466	.51423	-.00002
18	2203/2	-.00074	-.00155	1.0010	-.00032	.51677	-.00168
19	Sb2068	-.00427	-.00327	.95828	.07743	.50330	.00041
20	1960/1	-.00122	.00114	1.0133	.00085	.51085	.00067
21	1960/2	-.00333	.00137	1.0079	.00029	.50957	-.00170
22	Ti3372	.00039	-.00060	-.00028	.01385	.52181	-.00033
23	Tl1908	.00070	.00171	.95741	.00340	.48169	-.00026
24	V_2924	.00089	.00010	1.0104	.03709	.50901	.00034
25	Zn2062	.00158	.00156	1.0289	.14643	.52128	.00026
26	Sn1899	.00044	.00026	-.00073	.01113	.50818	.00124
27	Ag3280	-.00075	-.00102	.99954	-.00129	.51773	-.00115
28	Mo2020	.03240	-.00045	.99870	.00143	.50976	-.00069
29	*Y	6474.3	6519.98	6459.15	6328.73	6264	6367.73
30	PB2203	-.00003	.00025	.99448	.00133	.51592	-.00112
31	SE1960	-.00263	.00130	1.0097	.00048	.50999	-.00091

#	Element	AD8'1:5)	AD8'7/PS	AD8'8/MS	AD8'9/SD	CCV	CCB
1	Al3082	10.582	52.688	54.123	52.729	24.242	L-.04735
2	As1890	.01384	1.1030	1.0927	1.0550	.48256	.00250
3	B_2496	.04854	.24857	.25578	.24954	.47829	.00094
4	Ba4934	.01754	1.1184	1.1126	1.0769	.48848	.00026
5	Be3130	.00069	1.0632	1.0437	1.0080	.50932	-.00004
6	Ca3179	64.711	323.03	332.69	323.85	25.198	.03593
7	Cd2265	-.00005	.99176	.98277	.95011	.48100	.00018
8	Co2286	.00168	.99142	.97664	.94458	.48981	.00058
9	Cr2677	.01182	1.0882	1.0818	1.0437	.51928	.00044
10	Cu3247	.00206	1.0023	1.0449	1.0089	.49549	.00247
11	Fe2714	10.938	53.372	54.884	53.448	24.641	.01391
12	K_7664	1.8472	9.7325	9.8818	9.6652	24.475	-.01517
13	Mg2790	4.1160	20.257	20.778	20.258	25.504	.00929
14	Mn2576	.41083	3.0523	3.0924	3.0056	.50595	.00039
15	Na3302	5.4007	27.145	27.723	27.114	24.326	.09829
16	Ni2316	.00573	1.0570	1.0534	1.0177	.50515	.00040
17	2203/1	.00394	1.0002	.98079	.94624	.49899	.00118
18	2203/2	-.00160	1.0143	.99397	.96109	.50754	.00113

#	Element	AD8'1:5)	AD8'7/PS	AD8'8/MS	AD8'9/SD	CCV	CCB
19	Sb2068	.01764	1.1187	1.0665	1.0351	.48992	.00116
20	1960/1	-.00303	1.0376	1.0321	.99361	.49071	-.00128
21	1960/2	-.00029	1.0386	1.0333	.98729	.49889	.00137
22	Ti3372	.00251	.01352	.01358	.01332	.50635	-.00018
23	Tl1908	.00083	.98188	.95671	.92533	.47829	.00310
24	V_2924	.00746	1.0807	1.0757	1.0376	.49502	.00019
25	Zn2062	.03146	1.1677	1.1611	1.1237	.50712	.00072
26	Sn1899	.00149	.01014	.00992	.01206	.49587	-.00002
27	Ag3280	-.00090	1.0497	1.0327	.99855	.50203	-.00054
28	Mo2020	-.00127	1.0430	1.0224	.98747	.49134	.00128
29	*Y	6422.1	6443.1	6391.05	6520.43	6444.9	6525.9
30	PB2203	.00024	1.0096	.98958	.95614	.50469	.00115
31	SE1960	-.00121	1.0382	1.0329	.98939	.49616	.00049

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

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Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:08:24 AM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 08/19/08 10:05:21
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.56437	257.9402	45.50809	4.660196
SDev	.51666	.6064	.25006	.014676
%RSD	.5968503	.2351087	.5494779	.3149124
#1	86.19904	257.5114	45.33128	4.649819
#2	86.92970	258.3690	45.68491	4.670573
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0171856	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 09/05/08 10:38:29 AM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 09/05/08 10:33:29

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.13994	-.02867	.00622	-.00023	.10945	.02503	.00516
SDev	.00027	.00132	.00108	.00032	.00002	.00067	.00194
%RSD	.19250	4.6053	17.361	141.42	.01784	2.6871	37.543
#1	.14014	-.02961	.00698	.00000	.10947	.02551	.00653
#2	.13975	-.02774	.00546	-.00045	.10944	.02456	.00379

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00546	.00152	.00675	-.00053	-.19658	.00091	.00046
SDev	.00257	.00150	.00333	.00032	.04053	.00000	.00021
%RSD	47.037	99.054	49.361	60.515	20.620	.11585	47.243
#1	-.00364	.00258	.00911	-.00030	-.16792	.00091	.00061
#2	-.00728	.00045	.00440	-.00076	-.22524	.00091	.00030

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00629	-.01032	.00849	-.00584	.00387	-.04330	.03679
SDev	.00460	.00063	.00342	.00654	.00140	.01593	.00328
%RSD	73.182	6.1235	40.300	111.99	36.157	36.795	8.9239
#1	.00304	-.00987	.00607	-.00121	.00486	-.03204	.03446
#2	.00955	-.01076	.01091	-.01046	.00288	-.05457	.03911

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	.00023	-.02002	.00038	.00129	-.00121	-.04073	.00106
SDev	.00697	.00298	.00054	.00032	.00000	.00049	.00257
%RSD	3010.8	14.885	141.42	25.069	.11585	1.2009	242.66
#1	.00516	-.01792	.00076	.00152	-.00121	-.04039	-.00076
#2	-.00470	-.02213	.00000	.00106	-.00121	-.04108	.00288

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6592	--	--	--	--	--	--
SDev	7.636615	--	--	--	--	--	--
%RSD	.1158485	--	--	--	--	--	--
#1	6587	--	--	--	--	--	--
#2	6597	--	--	--	--	--	--

Standardization Rpt. 09/05/08 10:43:05 AM page 1

Method: TRACE1 Standard: STD 1
Run Time: 09/05/08 10:38:32

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	3.6871	1.0196	.35138	.59180	1.3476	1.6925	.70223
SDev	.0097	.0004	.00217	.00026	.0029	.0007	.00283
%RSD	.26267	.03523	.61705	.04356	.21343	.04370	.40242
#1	3.6803	1.0194	.35292	.59162	1.3455	1.6930	.70023
#2	3.6940	1.0199	.34985	.59198	1.3496	1.6920	.70423

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.54076	.40921	.60972	.32403	.55088	.46633	2.4900
SDev	.00312	.00392	.00008	.00008	.00480	.00444	.0921
%RSD	.57625	.95695	.01288	.02571	.87054	.95189	3.6999
#1	.53856	.40645	.60967	.32397	.55427	.46947	2.4248
#2	.54296	.41198	.60978	.32409	.54749	.46319	2.5551

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.16475	.28958	.43764	.93400	.31015	.07232	.07583
SDev	.00699	.00881	.00869	.00512	.01141	.00039	.00038
%RSD	4.2434	3.0433	1.9863	.54838	3.6790	.53457	.49694
#1	.15981	.29581	.44379	.93037	.31822	.07205	.07609
#2	.16970	.28335	.43150	.93762	.30208	.07259	.07556

Elem	Sn1899	Ag3280	Mo2020
Avge	.05182	.51083	.23535
SDev	.00133	.00106	.00473
%RSD	2.5690	.20821	2.0092
#1	.05088	.51008	.23201
#2	.05277	.51158	.23870

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6416	--	--	--	--	--	--
SDev	14.74324	--	--	--	--	--	--
%RSD	.2297878	--	--	--	--	--	--
#1	6426	--	--	--	--	--	--
#2	6406	--	--	--	--	--	--

Standardization Rpt. 09/05/08 10:47:41 AM page 1

Method: TRACE1 Standard: STD 2
Run Time: 09/05/08 10:43:09

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	17.861	5.1842	1.7583	2.9863	6.3457	8.4158	3.5518
SDev	.020	.0330	.0031	.0017	.0174	.0019	.0058
%RSD	.11119	.63749	.17801	.05545	.27394	.02268	.16411
#1	17.875	5.1609	1.7561	2.9852	6.3335	8.4144	3.5477
#2	17.847	5.2076	1.7605	2.9875	6.3580	8.4171	3.5559

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	2.7188	2.0367	3.0685	1.6325	2.8199	2.2895	12.516
SDev	.0022	.0027	.0029	.0028	.0014	.0144	.050
%RSD	.08079	.13104	.09306	.16882	.04891	.62920	.39673
#1	2.7204	2.0348	3.0705	1.6306	2.8190	2.2996	12.480
#2	2.7172	2.0386	3.0664	1.6344	2.8209	2.2793	12.551

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.81633	1.6136	1.9962	4.7236	1.5848	.36468	.37478
SDev	.00105	.0234	.0135	.0002	.0050	.00021	.00101
%RSD	.12813	1.4532	.67661	.00429	.31262	.05786	.26950
#1	.81559	1.5971	2.0057	4.7237	1.5812	.36483	.37407
#2	.81707	1.6302	1.9866	4.7234	1.5883	.36453	.37549

Elem	Sn1899	Ag3280	Mo2020
Avge	.27005	2.7437	1.1884
SDev	.00013	.0006	.0167
%RSD	.04878	.02328	1.4024
#1	.27014	2.7441	1.1767
#2	.26995	2.7432	1.2002

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6388	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0332092	--	--	--	--	--	--
#1	6389	--	--	--	--	--	--
#2	6386	--	--	--	--	--	--

Standardization Rpt. 09/05/08 10:52:45 AM page 1

Method: TRACE1 Standard: STD 3
Run Time: 09/05/08 10:47:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	34.876	9.9975	3.4284	5.8272	12.118	34.392	16.192
SDev	.010	.0464	.0047	.0016	.008	.057	.050
%RSD	.02917	.46380	.13764	.02691	.06744	.16473	.31097
#1	34.884	10.030	3.4317	5.8261	12.124	34.432	16.228
#2	34.869	9.9647	3.4250	5.8283	12.113	34.352	16.157

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.8753	5.2841	3.9656	5.9667	120.58	17.831	3.1587
SDev	.0121	.0057	.0015	.0035	.19	.025	.0023
%RSD	.17530	.10822	.03716	.05896	.15428	.13773	.07279
#1	6.8838	5.2882	3.9645	5.9692	120.71	17.849	3.1604
#2	6.8668	5.2801	3.9666	5.9643	120.45	17.814	3.1571

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	1.8942	5.4919	4.4164	24.309	1.5979	3.1822	3.9120
SDev	.0025	.0043	.0168	.084	.0052	.0095	.0249
%RSD	.13243	.07896	.38110	.34759	.32788	.29871	.63571
#1	1.8925	5.4950	4.4283	24.249	1.6016	3.1755	3.9296
#2	1.8960	5.4888	4.4045	24.369	1.5942	3.1889	3.8944

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	9.1884	3.1343	.70996	.71853	.52691	5.4069	2.2977
SDev	.0101	.0078	.00024	.00183	.00018	.0001	.0040
%RSD	.10943	.24787	.03441	.25442	.03441	.00196	.17227
#1	9.1955	3.1398	.70978	.71982	.52678	5.4069	2.2949
#2	9.1813	3.1288	.71013	.71724	.52704	5.4068	2.3005

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6474	--	--	--	--	--	--
SDev	2.227317	--	--	--	--	--	--
%RSD	.0344060	--	--	--	--	--	--
#1	6475	--	--	--	--	--	--
#2	6472	--	--	--	--	--	--

Standardization Report 09/05/08 10:52:45 AM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.42057	-.199157	09/05/08 10:47:45
As1890	189.042	Multiple	Standards	.096955	.002764	09/05/08 10:47:45
B_2496	249.678	Multiple	Standards	.289340	-.001799	09/05/08 10:47:45
Ba4934	493.409	Multiple	Standards	.169339	.000035	09/05/08 10:47:45
Be3130	313.042	Multiple	Standards	.081464	-.008925	09/05/08 10:47:45
Ca3179	317.933	STD 3	STD BLK	1.25917	-.006332	09/05/08 10:47:45
Cd2265	226.502	Multiple	Standards	.060347	-.000326	09/05/08 10:47:45
Co2286	228.616	Multiple	Standards	.142570	.000770	09/05/08 10:47:45
Cr2677	267.716	Multiple	Standards	.186310	-.000288	09/05/08 10:47:45
Cu3247	324.753	Multiple	Standards	.248777	-.001683	09/05/08 10:47:45
Fe2714	271.441	Multiple	Standards	8.24060	.004072	09/05/08 10:47:45
K_7664	766.491	STD 3	STD BLK	1.10344	-.011269	09/05/08 10:47:45
Mg2790	279.078	STD 3	STD BLK	1.25878	-.003974	09/05/08 10:47:45
Mn2576	257.610	Multiple	Standards	.310208	-.000147	09/05/08 10:47:45
Na3302	330.232	STD 3	STD BLK	1.16878	-.003555	09/05/08 10:47:45
Ni2316	231.604	Multiple	Standards	.178589	.001838	09/05/08 10:47:45
2203/1	220.351	Multiple	Standards	.226639	-.001939	09/05/08 10:47:45
2203/2	220.352	Multiple	Standards	.039966	.000226	09/05/08 10:47:45
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.622917	-.002411	09/05/08 10:47:45
1960/1	196.021	Multiple	Standards	.304240	.013163	09/05/08 10:47:45
1960/2	196.022	Multiple	Standards	.251194	-.009257	09/05/08 10:47:45
Ti3372	337.280	Multiple	Standards	.107264	-.000027	09/05/08 10:47:45
Tl1908	190.864	Multiple	Standards	.308438	.006154	09/05/08 10:47:45
V_2924	292.402	Multiple	Standards	1.39137	-.000530	09/05/08 10:47:45
Zn2062	206.200	Multiple	Standards	1.35672	-.001762	09/05/08 10:47:45
Sn1899	189.989	Multiple	Standards	1.87229	.002276	09/05/08 10:47:45
Ag3280	328.068	Multiple	Standards	.181381	.007386	09/05/08 10:47:45
Mo2020	202.030	Multiple	Standards	.427337	-.000457	09/05/08 10:47:45

Standardization Readback Report 09/05/08 10:52:45 AM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000356	.000356
		STD 1	5.00000	5.03862	-.038623
		STD 2	25.0000	25.1742	-.174215
		STD 3	50.0000	49.3450	.654972

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.101623	-.001623
		STD 2	.500000	.505400	-.005400
		STD 3	1.00000	.972070	.027930

CorCoef: 0.99978

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099870	.000130
		STD 2	.500000	.506945	-.006945
		STD 3	1.00000	.990168	.009832

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100250	-.000250
		STD 2	.500000	.505738	-.005738
		STD 3	1.00000	.986803	.013197

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100853	-.000853
		STD 2	.500000	.508024	-.008024
		STD 3	1.00000	.978292	.021708

CorCoef: 0.99980

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.025031	.000156
		STD 3	43.2991	34.3919	8.90719

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101810	-.001810
		STD 2	.500000	.507541	-.007541
		STD 3	1.00000	.976839	.023161

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100887	-.000887
		STD 2	.500000	.507149	-.007149
		STD 3	1.00000	.980976	.019024

CorCoef: 0.99984

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100461	-.000461
		STD 2	.500000	.506250	-.006250
		STD 3	1.00000	.984197	.015803

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100120	-.000120
		STD 2	.500000	.505003	-.005003
		STD 3	1.00000	.984854	.015146

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000302	.000302
		STD 1	5.00000	5.02856	-.028561
		STD 2	25.0000	25.2900	-.289955
		STD 3	50.0000	49.1737	.826313

CorCoef: 0.99989

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.196581	-.031603
		STD 3	133.044	120.582	12.4616

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.000910	-.003738
		STD 3	22.4415	17.8312	4.61034

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100370	-.000370
		STD 2	.500000	.506267	-.006267
		STD 3	1.00000	.979718	.020282

CorCoef: 0.99984

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.006293	-.002493
		STD 3	2.21037	1.89423	.316144

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100219	-.000219
		STD 2	.500000	.505447	-.005447
		STD 3	1.00000	.982632	.017368

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.103749	-.003749
		STD 2	.500000	.516942	-.016942
		STD 3	1.00000	.998985	.001015

CorCoef: 0.99983

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.099740	.000260
		STD 2	.500000	.500425	-.000425
		STD 3	1.00000	.971767	.028233

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100216	-.000216
		STD 2	.500000	.506094	-.006094
		STD 3	1.00000	.992975	.007025

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101264	-.001264
		STD 2	.500000	.504096	-.004096
		STD 3	1.00000	.981322	.018678

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.100677	-.000677
		STD 2	.500000	.492167	.007833
		STD 3	1.00000	.973420	.026580

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100156	-.000156
		STD 2	.500000	.506640	-.006640
		STD 3	1.00000	.985558	.014442

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000022	.000022
		STD 1	.100000	.101815	-.001815
		STD 2	.500000	.494951	.005049
		STD 3	1.00000	.972900	.027100

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100093	-.000093
		STD 2	.500000	.506878	-.006878
		STD 3	1.00000	.987283	.012717

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101112	-.001112
		STD 2	.500000	.506710	-.006710
		STD 3	1.00000	.973084	.026916

CorCoef: 0.99977

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099307	.000693
		STD 2	.500000	.507884	-.007884
		STD 3	1.00000	.988798	.011202

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100041	-.000041
		STD 2	.500000	.505039	-.005039
		STD 3	1.00000	.988088	.011912

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100119	-.000119
		STD 2	.500000	.507412	-.007412
		STD 3	1.00000	.981439	.018561

CorCoef: 0.99984

Analysis Report Blank Sample 09/05/08 10:57:48 AM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/05/08 10:52:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.729	.99172	1.0195	1.0201	1.0116	50.543	.98599
SDev	.050	.00483	.0105	.0078	.0138	.045	.00193
%RSD	.09865	.48737	1.0332	.76625	1.3651	.08851	.19581
#1	50.693	.98830	1.0121	1.0146	1.0019	50.511	.98462
#2	50.764	.99514	1.0270	1.0256	1.0214	50.574	.98735
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0019	1.0064	1.0215	50.114	52.351	50.976	1.0108
SDev	.0056	.0031	.0059	.120	1.360	.511	.0112
%RSD	.55935	.30881	.57692	.24026	2.5982	1.0033	1.1097
#1	.99789	1.0042	1.0173	50.029	51.390	50.614	1.0029
#2	1.0058	1.0086	1.0257	50.199	53.313	51.337	1.0187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.448	.99880	.99549	1.0019	.99974	.99509	1.0087
SDev	.504	.00214	.00348	.0096	.00758	.01497	.0011
%RSD	.97980	.21410	.34952	.96039	.75783	1.5044	.10672
#1	51.091	.99729	.99303	.99506	.99439	.98451	1.0094
#2	51.804	1.0003	.99795	1.0087	1.0051	1.0057	1.0079
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99654	.99438	1.0111	.97884	1.0095	.99667	.99608
SDev	.00387	.02052	.0034	.00387	.0009	.00908	.00006
%RSD	.38802	2.0638	.33404	.39572	.09053	.91092	.00583
#1	.99380	.97987	1.0087	.98157	1.0089	.99025	.99612
#2	.99927	1.0089	1.0135	.97610	1.0102	1.0031	.99604
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0194	1.0125
SDev	.0033	.0140
%RSD	.32370	1.3859
#1	1.0170	1.0026
#2	1.0217	1.0224
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6246	--	--	--	--	--	--
SDev	28.95582	--	--	--	--	--	--
%RSD	.4636176	--	--	--	--	--	--
#1	6266	--	--	--	--	--	--
#2	6225	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 09/05/08 10:57:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.900	.37556	.37592	.37870	.38966	19.458	.38252
SDev	.049	.00100	.00024	.00080	.00044	.016	.00073
%RSD	.25827	.26701	.06523	.21243	.11165	.08043	.19127
#1	18.934	.37485	.37575	.37927	.38997	19.470	.38200
#2	18.865	.37627	.37609	.37813	.38935	19.447	.38304
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38037	Q.39759	.38349	19.150	19.383	19.612	.39146
SDev	.00094	.00037	.00000	.035	.052	.001	.00050
%RSD	.24711	.09326	.00110	.18162	.27078	.00509	.12815
#1	.38103	Q.39733	.38349	19.175	19.420	19.613	.39181
#2	.37971	Q.39785	.38349	19.125	19.346	19.612	.39110
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.969	.38901	.38913	.38836	.38862	.38866	Q.39629
SDev	.053	.00006	.00144	.00039	.00022	.00186	.00020
%RSD	.27864	.01679	.37024	.10147	.05582	.47870	.05095
#1	19.006	.38906	.38811	.38864	.38846	.38998	Q.39615
#2	18.931	.38896	.39015	.38808	.38877	.38734	Q.39644
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Fail
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39606	.38496	Q.40020	.38518	.38336	.39231	.38823
SDev	.00324	.00117	.00094	.00236	.00005	.00179	.00223
%RSD	.81802	.30415	.23477	.61222	.01185	.45579	.57544
#1	.39836	.38579	Q.40086	.38351	.38339	.39357	.38665
#2	.39377	.38414	Q.39953	.38684	.38332	.39104	.38981
Errors	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.38455	.39174
SDev	.00057	.00136
%RSD	.14871	.34792
#1	.38495	.39270
#2	.38414	.39077
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6257	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.2983419	--	--	--	--	--	--
#1	6244	--	--	--	--	--	--
#2	6270	--	--	--	--	--	--

Analysis Report Blank Sample 09/05/08 11:07:54 AM page 1

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 09/05/08 11:02:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01489	.00175	-.00136	.00004	.00031	.00642	.00018
SDev	.00861	.00089	.00019	.00007	.00008	.00515	.00003
%RSD	57.862	50.866	13.971	208.31	25.816	80.330	17.876
#1	.00880	.00238	-.00122	-.00002	.00025	.00277	.00015
#2	.02098	.00112	-.00149	.00009	.00036	.01006	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00027	-.00010	.00534	.01102	.00952	.00011
SDev	.00020	.00026	.00014	.00715	.00982	.00003	.00010
%RSD	76.099	97.162	136.69	133.75	89.106	.37031	87.484
#1	-.00041	.00008	-.00000	.01039	.01797	.00954	.00004
#2	-.00012	.00045	-.00020	.00029	.00408	.00949	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00474	-.00006	.00211	-.00061	.00029	.00029	-.00199
SDev	.04410	.00030	.00317	.00113	.00030	.00052	.00154
%RSD	930.33	459.01	150.41	183.83	103.66	178.63	77.518
#1	.03592	-.00027	-.00013	.00018	.00008	.00066	-.00308
#2	-.02644	.00014	.00436	-.00141	.00051	-.00008	-.00090
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	.00094	-.00034	.00532	.00011	.00032	.00156
SDev	.00009	.00074	.00007	.00371	.00030	.00059	.00020
%RSD	9.1127	78.619	20.761	69.703	274.02	187.30	12.864
#1	-.00094	.00146	-.00039	.00270	-.00010	.00074	.00170
#2	-.00107	.00042	-.00029	.00795	.00032	-.00010	.00142
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	-.00013
SDev	.00014	.00093
%RSD	82.235	724.45
#1	-.00027	.00053
#2	-.00007	-.00078
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6530	--	--	--	--	--	--
SDev	18.77355	--	--	--	--	--	--
%RSD	.2874892	--	--	--	--	--	--
#1	6517	--	--	--	--	--	--
#2	6543	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/05/08 11:07:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21199	.01334	.02118	.00204	.00248	.51457	.00093
SDev	.00308	.00071	.00089	.00011	.00008	.00430	.00003
%RSD	1.4536	5.3253	4.1826	5.3259	3.2210	.83631	3.0936
#1	.20981	.01385	.02055	.00196	.00243	.51152	.00095
#2	.21417	.01284	.02180	.00211	.00254	.51761	.00091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.00463	.00954	.05209	.49775	.20814	.00328
SDev	.00006	.00032	.00040	.00264	.00370	.00151	.00006
%RSD	1.3339	6.8210	4.2079	5.0739	.74312	.72421	1.9111
#1	.00421	.00485	.00983	.05022	.49513	.20707	.00324
#2	.00429	.00440	.00926	.05396	.50036	.20920	.00333
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0858	.00968	.00536	.00492	.00507	.01408	.02069
SDev	.1001	.00038	.00071	.00172	.00091	.00112	.00168
%RSD	9.2214	3.9283	13.234	34.884	17.936	7.9393	8.1138
#1	1.1566	.00941	.00486	.00614	.00571	.01487	.02188
#2	1.0150	.00995	.00586	.00371	.00443	.01329	.01950
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01262	.01481	.00496	.02062	.00565	.01164	.00941
SDev	.00532	.00098	.00020	.00079	.00016	.00047	.00022
%RSD	42.167	6.6431	4.1161	3.8372	2.8907	4.0350	2.3079
#1	.01638	.01411	.00482	.02006	.00576	.01198	.00957
#2	.00886	.01551	.00511	.02117	.00553	.01131	.00926
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00352	.00975
SDev	.00023	.00012
%RSD	6.6136	1.2764
#1	.00369	.00966
#2	.00336	.00984
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6427	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.1633833	--	--	--	--	--	--
#1	6420	--	--	--	--	--	--
#2	6434	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/05/08 11:13:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	529.23	.00340	.00102	.00066	.00112	555.64	.00008
SDev	.77	.00074	.00012	.00008	.00004	1.88	.00020
%RSD	.14565	21.768	11.347	11.833	3.7697	.33800	246.80
#1	529.77	.00392	.00093	.00060	.00109	556.97	-.00006
#2	528.68	.00287	.00110	.00072	.00115	554.31	.00022
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00016	-.00206	209.37	.02121	546.02	-.00011
SDev	.00016	.00027	.00049	.78	.02714	1.78	.00021
%RSD	222.71	172.00	24.009	.37251	127.92	.32649	193.29
#1	-.00004	.00003	-.00241	209.93	.04040	547.28	.00004
#2	.00019	-.00035	-.00171	208.82	.00203	544.76	-.00025
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10382	.00089	.03016	-.02071	-.00377	-.00002	-.00086
SDev	.01340	.00041	.00452	.00023	.00166	.00014	.00081
%RSD	12.906	46.196	14.991	1.1059	43.952	890.05	93.819
#1	-.09435	.00060	.02696	-.02088	-.00495	.00008	-.00143
#2	-.11330	.00118	.03336	-.02055	-.00260	-.00011	-.00029
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01054	.00525	-.00035	-.00627	.00115	-.00169	.00438
SDev	.00500	.00271	.00059	.00212	.00005	.00003	.00275
%RSD	47.406	51.621	169.79	33.762	4.3211	1.6546	62.913
#1	-.01408	.00716	-.00076	-.00478	.00112	-.00167	.00243
#2	-.00701	.00333	.00007	-.00777	.00119	-.00171	.00632
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00128	.00134
SDev	.00059	.00033
%RSD	46.257	24.645
#1	.00086	.00158
#2	.00170	.00111
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5753	--	--	--	--	--	--
SDev	30.44081	--	--	--	--	--	--
%RSD	.5291132	--	--	--	--	--	--
#1	5775	--	--	--	--	--	--
#2	5732	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 11:24:00 AM page 1

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/05/08 11:19:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	535.76	.11873	.00340	.54664	.53050	558.73	1.0312
SDev	.24	.00079	.00036	.00242	.00493	1.40	.0021
%RSD	.04531	.66234	10.527	.44174	.92858	.25064	.20365
#1	535.59	.11817	.00365	.54493	.52702	557.74	1.0297
#2	535.93	.11928	.00314	.54835	.53398	559.72	1.0327
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51441	.54154	.55824	104.64	.02123	547.51	.53005
SDev	.00186	.00070	.00105	.39	.02295	4.01	.00413
%RSD	.36166	.12966	.18907	.36924	108.11	.73313	.77869
#1	.51309	.54104	.55749	104.37	.03746	544.67	.52713
#2	.51573	.54204	.55898	104.92	.00500	550.35	.53296
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15615	1.0171	.10254	.02395	.05012	.05811	.67817
SDev	.31482	.0070	.00956	.01121	.00430	.00583	.00069
%RSD	201.62	.69154	9.3251	46.818	8.5687	10.037	.10197
#1	.37876	1.0121	.10930	.01602	.04708	.05398	.67866
#2	-.06646	1.0220	.09578	.03188	.05316	Q.06223	.67768
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06405	.05513	.00125	.10658	.54705	1.0260	.00324
SDev	.00418	.01084	.00041	.00649	.00147	.0093	.00093
%RSD	6.5290	19.660	33.092	6.0928	.26881	.90529	28.593
#1	.06701	.04747	.00096	.11117	.54601	1.0194	.00390
#2	.06110	.06280	.00154	.10199	.54809	1.0326	.00259
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22834	-.00144
SDev	.00094	.00048
%RSD	.41274	33.173
#1	.22767	-.00110
#2	.22900	-.00177
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5679	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0485561	--	--	--	--	--	--
#1	5681	--	--	--	--	--	--
#2	5677	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 11:31:59 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 11:27:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.300	.48551	.48042	.48585	.50139	25.200	.49329
SDev	.070	.00133	.00132	.00138	.00361	.053	.00123
%RSD	.28983	.27376	.27411	.28442	.71921	.21159	.24846
#1	24.250	.48458	.47949	.48487	.49884	25.162	.49242
#2	24.350	.48645	.48136	.48682	.50394	25.238	.49415
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49112	.51172	.49267	24.693	25.180	25.249	.51213
SDev	.00098	.00006	.00145	.031	.350	.200	.00287
%RSD	.19864	.01073	.29330	.12440	1.3912	.79199	.56115
#1	.49043	.51176	.49165	24.671	24.933	25.108	.51010
#2	.49181	.51169	.49369	24.714	25.428	25.390	.51417
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.258	.50124	.50336	.50231	.50266	.50524	.49726
SDev	.069	.00065	.00186	.00289	.00255	.00044	.00499
%RSD	.28279	.12939	.37054	.57583	.50737	.08671	1.0032
#1	24.209	.50170	.50205	.50027	.50086	.50555	.49374
#2	24.306	.50078	.50468	.50436	.50447	.50493	.50079
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50540	.50516	.50686	.48886	.49350	.50259	.50365
SDev	.01001	.00566	.00143	.00239	.00138	.00332	.00315
%RSD	1.9812	1.1212	.28214	.48799	.28067	.66002	.62552
#1	.49832	.50917	.50585	.49055	.49448	.50024	.50588
#2	.51248	.50116	.50787	.48717	.49253	.50494	.50142
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49926	.48937
SDev	.00054	.00367
%RSD	.10774	.75078
#1	.49888	.48677
#2	.49964	.49197
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6414	--	--	--	--	--	--
SDev	9.864278	--	--	--	--	--	--
%RSD	.1537911	--	--	--	--	--	--
#1	6421	--	--	--	--	--	--
#2	6407	--	--	--	--	--	--

Analysis Report Blank Sample 09/05/08 11:37:02 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 11:32:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06729	.00152	.00001	.00021	.00066	.05987	.00022
SDev	.05231	.00113	.00012	.00009	.00008	.03657	.00025
%RSD	77.744	74.270	1155.7	44.723	12.717	61.076	114.01
#1	.03030	.00072	-.00007	.00014	.00060	.03401	.00004
#2	.10428	.00233	.00009	.00027	.00072	.08573	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00048	-.00046	.02723	-.00598	.05679	.00022
SDev	.00025	.00023	.00053	.01081	.00661	.03967	.00004
%RSD	35.896	47.671	116.04	39.695	110.55	69.864	16.465
#1	.00053	.00065	-.00008	.01959	-.01066	.02873	.00024
#2	.00088	.00032	-.00083	.03488	-.00131	.08484	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01804	.00004	.00055	.00124	.00101	-.00113	-.00210
SDev	.08742	.00023	.00021	.00013	.00015	.00401	.00317
%RSD	484.63	627.48	39.221	10.048	15.320	354.00	150.78
#1	-.07985	-.00012	.00040	.00115	.00090	-.00397	.00014
#2	.04377	.00020	.00070	.00133	.00112	.00170	-.00434
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00303	-.00019	-.00009	.00418	.00034	.00036	-.00051
SDev	.00379	.00412	.00023	.00169	.00001	.00029	.00105
%RSD	125.16	2212.8	262.97	40.488	1.4443	80.401	206.59
#1	-.00570	-.00310	.00007	.00538	.00035	.00016	-.00125
#2	-.00035	.00273	-.00024	.00299	.00034	.00056	.00023
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00093	.00162
SDev	.00015	.00020
%RSD	15.677	12.371
#1	.00104	.00176
#2	.00083	.00147
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6394	--	--	--	--	--	--
SDev	33.94112	--	--	--	--	--	--
%RSD	.5308236	--	--	--	--	--	--
#1	6370	--	--	--	--	--	--
#2	6418	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849718 Operator: TWS
Run Time: 09/05/08 11:41:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2848	.00130	.02119	.01696	.00035	.59970	-.00011
SDev	.0083	.00009	.00033	.00006	.00001	.00564	.00007
%RSD	.25249	7.2232	1.5373	.38583	1.8647	.94105	59.943
#1	3.2906	.00137	.02142	.01701	.00035	.60369	-.00006
#2	3.2789	.00124	.02096	.01691	.00035	.59571	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00149	.00036	.72099	.13014	.87143	.00167
SDev	.00002	.00046	.00072	.00665	.00790	.00609	.00007
%RSD	3.8524	30.505	199.91	.92271	6.0732	.69916	4.2872
#1	.00047	.00182	.00087	.72570	.12455	.87574	.00172
#2	.00050	.00117	-.00015	.71629	.13573	.86712	.00162
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3471	.00114	.00282	.00013	.00102	-.00122	-.00162
SDev	.0654	.00087	.00041	.00032	.00035	.00045	.00034
%RSD	2.7844	76.262	14.458	252.95	34.092	36.562	21.093
#1	2.3933	.00053	.00310	.00035	.00127	-.00090	-.00138
#2	2.3009	.00175	.00253	-.00010	.00078	-.00153	-.00186
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	-.00129	.03765	.00204	.00085	.00164	-.00063
SDev	.00109	.00013	.00164	.00038	.00046	.00001	.00000
%RSD	101.07	9.7222	4.3522	18.692	54.162	.35613	.68323
#1	-.00031	-.00120	.03881	.00177	.00052	.00165	-.00064
#2	-.00184	-.00138	.03649	.00231	.00117	.00164	-.00063
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	-.00055
SDev	.00011	.00005
%RSD	22.319	8.6054
#1	-.00059	-.00051
#2	-.00043	-.00058
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6400	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1657191	--	--	--	--	--	--
#1	6393	--	--	--	--	--	--
#2	6408	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849719 Operator: TWS
Run Time: 09/05/08 11:46:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07131	.00224	.00997	.00004	.00029	.19423	-.00020
SDev	.00214	.00163	.00050	.00015	.00002	.00023	.00009
%RSD	3.0018	72.550	5.0422	421.37	8.0761	.12082	45.044
#1	.07282	.00109	.00961	-.00007	.00027	.19407	-.00027
#2	.06980	.00340	.01032	.00014	.00030	.19440	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.00010	-.00006	-.01064	-.04225	.01293	.00009
SDev	.00075	.00129	.00071	.01899	.03551	.00646	.00014
%RSD	239.94	1281.2	1145.0	178.50	84.060	49.945	146.06
#1	-.00085	-.00101	-.00056	-.02407	-.06736	.00837	-.00000
#2	.00022	.00081	.00044	.00279	-.01713	.01750	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.12149	-.00052	.00143	-.00035	.00024	-.00165	-.00377
SDev	.33303	.00122	.00107	.00042	.00008	.00050	.00315
%RSD	274.12	234.34	74.819	118.68	32.268	30.104	83.478
#1	-.35698	-.00138	.00067	-.00006	.00019	-.00200	-.00599
#2	.11400	.00034	.00218	-.00065	.00030	-.00130	-.00154
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00230	-.00133	-.00054	.00007	-.00085	.00192	-.00092
SDev	.00430	.00290	.00020	.00474	.00046	.00074	.00288
%RSD	186.86	218.52	37.424	6630.2	53.787	38.660	312.35
#1	.00074	-.00337	-.00068	-.00328	-.00118	.00140	-.00296
#2	-.00535	.00072	-.00039	.00343	-.00053	.00245	.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00088	-.00049
SDev	.00026	.00155
%RSD	29.902	315.80
#1	-.00106	-.00158
#2	-.00069	.00060
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6442	--	--	--	--	--	--
SDev	2.227663	--	--	--	--	--	--
%RSD	.0345780	--	--	--	--	--	--
#1	6441	--	--	--	--	--	--
#2	6444	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850202/PB Operator: TWS
Run Time: 09/05/08 11:52:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04547	.00027	-.00018	-.00001	.00190	.08054	.00011
SDev	.00205	.00237	.00042	.00007	.00003	.00091	.00003
%RSD	4.4998	889.90	230.52	578.68	1.6454	1.1258	22.028
#1	.04692	-.00141	-.00048	-.00006	.00192	.07990	.00010
#2	.04402	.00194	.00011	.00004	.00188	.08119	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	.00042	.00176	.00103	.02890	.00620	.00037
SDev	.00007	.00007	.00014	.00001	.01615	.00222	.00000
%RSD	8.6692	16.995	7.9657	.76606	55.894	35.769	.42037
#1	-.00085	.00047	.00166	.00104	.04032	.00463	.00037
#2	-.00076	.00037	.00185	.00103	.01748	.00776	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09476	-.00132	.00435	.00242	.00306	.00333	-.00116
SDev	.14271	.00008	.00093	.00147	.00129	.00160	.00161
%RSD	150.60	6.3125	21.275	60.825	42.126	47.985	139.20
#1	-.00615	-.00138	.00500	.00346	.00397	.00220	-.00002
#2	.19567	-.00126	.00369	.00138	.00215	.00446	-.00230
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00960	.00979	-.00017	-.00163	-.00015	.00749	H.04626
SDev	.00062	.00271	.00020	.00271	.00018	.00038	.00011
%RSD	6.4907	27.650	117.93	166.34	123.51	5.0878	.24374
#1	-.00916	.00788	-.00030	-.00354	-.00002	.00722	H.04634
#2	-.01004	.01171	-.00003	.00029	-.00027	.00776	H.04618
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00020	-.00014
SDev	.00007	.00067
%RSD	35.906	475.87
#1	-.00025	-.00061
#2	-.00015	.00033
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5427	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2990338	--	--	--	--	--	--
#1	5438	--	--	--	--	--	--
#2	5415	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850196/MS Operator: TWS
Run Time: 09/05/08 11:57:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.943	.57609	.55826	1.5928	.48849	474.20	.47166
SDev	.318	.00488	.00107	.0188	.00630	1.34	.00105
%RSD	.46777	.84635	.19172	1.1782	1.2904	.28315	.22249
#1	67.718	.57264	.55750	1.5795	.48403	473.25	.47240
#2	68.167	.57954	.55901	1.6061	.49294	475.15	.47092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53038	.63191	1.8558	518.11	30.370	187.51	7.5986
SDev	.00196	.00583	.0095	3.62	.766	2.13	.0744
%RSD	.36948	.92295	.51402	.69910	2.5229	1.1361	.97871
#1	.52899	.62779	1.8491	515.55	29.828	186.01	7.5460
#2	.53176	.63603	1.8625	520.67	30.912	189.02	7.6512
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.559	.67503	4.3545	4.4231	4.4002	.42989	.39456
SDev	.198	.00814	.0223	.0313	.0283	.00178	.00317
%RSD	.77617	1.2064	.51178	.70812	.64342	.41315	.80281
#1	25.418	.66927	4.3387	4.4009	4.3802	.42864	.39232
#2	25.699	.68079	4.3702	4.4452	4.4203	.43115	.39680
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42255	.43357	1.8445	.42986	.60621	4.0139	.74108
SDev	.00532	.00532	.0063	.00085	.00117	.0233	.00081
%RSD	1.2584	1.2277	.33946	.19760	.19289	.58110	.10964
#1	.42631	.42981	1.8401	.43046	.60538	3.9974	.74165
#2	.41879	.43734	1.8490	.42926	.60703	4.0304	.74050
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.12473	.48718
SDev	.00022	.00251
%RSD	.17901	.51549
#1	.12457	.48541
#2	.12488	.48896
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5358	--	--	--	--	--	--
SDev	29.91082	--	--	--	--	--	--
%RSD	.5582460	--	--	--	--	--	--
#1	5379	--	--	--	--	--	--
#2	5337	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850197/SD Operator: TWS
Run Time: 09/05/08 12:02:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.539	.62903	.59667	1.9219	.49962	751.07	.48936
SDev	.044	.00697	.00028	.0034	.00301	2.77	.00235
%RSD	.08311	1.1087	.04685	.17742	.60206	.36894	.48006
#1	52.508	.62410	.59687	1.9195	.49749	749.11	.48770
#2	52.570	.63396	.59647	1.9244	.50175	753.03	.49102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54816	.74081	1.9474	330.96	30.547	356.19	8.9407
SDev	.00289	.00186	.0027	1.24	.100	1.86	.0428
%RSD	.52786	.25105	.14007	.37578	.32585	.52326	.47843
#1	.54611	.73950	1.9455	330.08	30.477	354.87	8.9105
#2	.55020	.74213	1.9493	331.84	30.617	357.51	8.9710
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.764	.75059	4.9247	4.9841	4.9643	.47704	.49450
SDev	.138	.00387	.0147	.0189	.0175	.00373	.00213
%RSD	.51418	.51528	.29933	.37988	.35327	.78254	.42979
#1	26.862	.74786	4.9142	4.9707	4.9519	.47440	.49299
#2	26.667	.75333	4.9351	4.9975	4.9767	.47968	.49600
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47722	.47695	1.5328	.45319	.61428	4.6062	.77425
SDev	.00341	.00730	.0068	.00131	.00131	.0248	.00346
%RSD	.71388	1.5312	.44685	.28962	.21308	.53904	.44618
#1	.47963	.47179	1.5279	.45412	.61335	4.5887	.77181
#2	.47481	.48212	1.5376	.45226	.61520	4.6238	.77669
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.12983	.52664
SDev	.00022	.00458
%RSD	.17245	.87055
#1	.12967	.52340
#2	.12998	.52988
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5228	--	--	--	--	--	--
SDev	9.333602	--	--	--	--	--	--
%RSD	.1785225	--	--	--	--	--	--
#1	5222	--	--	--	--	--	--
#2	5235	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850198 Operator: TWS
Run Time: 09/05/08 12:07:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.533	.18314	.07883	.73757	.00622	86.643	.01261
SDev	.005	.00143	.00078	.00110	.00003	.094	.00054
%RSD	.01287	.78155	.99414	.14940	.55143	.10883	4.2687
#1	38.529	.18415	.07939	.73679	.00620	86.576	.01223
#2	38.536	.18213	.07828	.73835	.00625	86.709	.01299
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08222	.19113	1.7956	368.77	4.9191	33.101	4.3594
SDev	.00003	.00000	.0040	.41	.0141	.107	.0168
%RSD	.03538	.00075	.22536	.11203	.28671	.32293	.38516
#1	.08220	.19113	1.7927	368.48	4.9091	33.026	4.3475
#2	.08224	.19113	1.7985	369.06	4.9291	33.177	4.3713
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98329	.31619	3.8696	3.9051	3.8933	.01220	.07169
SDev	.20994	.00070	.0079	.0253	.0195	.00079	.00457
%RSD	21.351	.22134	.20316	.64816	.50087	6.5018	6.3719
#1	1.1317	.31669	3.8640	3.8872	3.8795	.01164	.07492
#2	.83484	.31570	3.8752	3.9230	3.9071	.01276	.06846
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00484	.01589	1.4084	.00140	.13578	3.4671	.25755
SDev	.00591	.00176	.0011	.00190	.00080	.0118	.00157
%RSD	122.17	11.105	.07760	135.77	.58816	.33893	.60872
#1	.00066	.01713	1.4077	.00274	.13635	3.4588	.25866
#2	.00901	.01464	1.4092	.00006	.13522	3.4754	.25644
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00301	.03195
SDev	.00014	.00028
%RSD	4.6377	.87658
#1	.00311	.03214
#2	.00291	.03175
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5457	--	--	--	--	--	--
SDev	2.545308	--	--	--	--	--	--
%RSD	.0466391	--	--	--	--	--	--
#1	5456	--	--	--	--	--	--
#2	5459	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850199 Operator: TWS
Run Time: 09/05/08 12:12:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.353	.04981	.15211	.29841	.00377	H1084.8	.00207
SDev	.184	.00002	.00241	.00246	.00003	3.3	.00041
%RSD	.78970	.03975	1.5867	.82558	.93744	.30686	19.854
#1	23.223	.04979	.15040	.29666	.00374	H1087.2	.00178
#2	23.484	.04982	.15381	.30015	.00379	H1082.5	.00236
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04777	1.8149	.46354	207.70	10.569	438.95	4.4729
SDev	.00004	.0014	.00375	.08	.302	2.76	.0368
%RSD	.07450	.07953	.80805	.03997	2.8551	.62955	.82259
#1	.04779	1.8139	.46089	207.76	10.356	437.00	4.4468
#2	.04774	1.8159	.46619	207.64	10.783	440.90	4.4989
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6047	.31313	2.3969	2.4319	2.4203	.00033	.00123
SDev	.0196	.00096	.0019	.0082	.0048	.00205	.00200
%RSD	1.2200	.30720	.08129	.33858	.20011	614.24	161.80
#1	1.6185	.31382	2.3983	2.4261	2.4168	-.00111	-.00018
#2	1.5909	.31245	2.3955	2.4378	2.4237	.00178	.00265
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	-.00119	.25352	-.00203	.13953	.40816	.03127
SDev	.00163	.00226	.00666	.00069	.00010	.00228	.00008
%RSD	48.165	189.47	2.6262	33.989	.07132	.55813	.26739
#1	.00223	-.00279	.24881	-.00154	.13960	.40655	.03133
#2	.00454	.00040	.25823	-.00251	.13946	.40978	.03121
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00176	.16298
SDev	.00027	.00402
%RSD	15.244	2.4689
#1	.00157	.16014
#2	.00195	.16583
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6134	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.4841539	--	--	--	--	--	--
#1	6155	--	--	--	--	--	--
#2	6113	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850199/(1:10) Operator: TWS
Run Time: 09/05/08 12:19:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2724	.00557	.01547	.02923	.00084	101.94	.00004
SDev	.0034	.00022	.00114	.00013	.00002	.06	.00017
%RSD	.14993	3.9626	7.4024	.43801	2.7672	.05926	449.75
#1	2.2700	.00572	.01466	.02914	.00085	101.98	.00016
#2	2.2749	.00541	.01628	.02933	.00082	101.90	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	.18612	.04475	21.354	.92428	44.280	.46153
SDev	.00014	.00000	.00040	.027	.00135	.145	.00128
%RSD	2.9733	.00107	.89660	.12647	.14566	.32812	.27620
#1	.00464	.18612	.04503	21.335	.92523	44.177	.46063
#2	.00445	.18611	.04447	21.373	.92333	44.383	.46243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17268	.03278	.25180	.25459	.25366	-.00028	-.00037
SDev	.11848	.00013	.00117	.00402	.00229	.00033	.00148
%RSD	68.615	.38321	.46363	1.5778	.90301	118.03	401.36
#1	.25646	.03287	.25263	.25175	.25204	-.00051	.00068
#2	.08890	.03270	.25097	.25743	.25528	-.00005	-.00141
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00172	.00044	.02528	.00217	.01402	.04501	.00293
SDev	.00189	.00144	.00041	.00108	.00065	.00009	.00441
%RSD	109.87	323.36	1.6143	50.054	4.6220	.18857	150.66
#1	-.00038	-.00057	.02499	.00140	.01448	.04495	.00605
#2	-.00306	.00146	.02557	.00293	.01356	.04507	-.00019
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00018	.01639
SDev	.00089	.00069
%RSD	501.79	4.2406
#1	.00080	.01688
#2	-.00045	.01590
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6301	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.1464542	--	--	--	--	--	--
#1	6294	--	--	--	--	--	--
#2	6307	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850200 Operator: TWS
Run Time: 09/05/08 12:24:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.777	.08883	.19134	.32831	.00647	H1358.3	.00147
SDev	.052	.00146	.00217	.00134	.00006	.6	.00007
%RSD	.15316	1.6478	1.1343	.40732	.93273	.04363	4.7205
#1	33.740	.08987	.18980	.32736	.00642	H1358.7	.00152
#2	33.813	.08780	.19287	.32925	.00651	H1357.9	.00142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05264	.08473	.24561	185.87	15.935	455.15	3.6221
SDev	.00030	.00035	.00059	.20	.232	2.37	.0215
%RSD	.56066	.40927	.23860	.11015	1.4562	.52152	.59300
#1	.05285	.08497	.24519	185.73	15.771	453.48	3.6069
#2	.05243	.08448	.24602	186.02	16.099	456.83	3.6373
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0132	.11640	.57079	.57241	.57187	-.00176	.00002
SDev	.0412	.00057	.00031	.00386	.00247	.00651	.00177
%RSD	2.0476	.49117	.05437	.67494	.43254	369.69	10356.
#1	1.9840	.11599	.57100	.56968	.57012	.00284	.00127
#2	2.0423	.11680	.57057	.57514	.57362	-.00637	-.00123
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00268	-.00130	.40317	.00042	.08716	.43185	.05099
SDev	.00432	.00761	.00458	.00055	.00004	.00181	.00143
%RSD	161.25	584.17	1.1371	130.07	.04863	.42016	2.8048
#1	.00038	.00408	.39993	.00003	.08713	.43057	.05200
#2	-.00574	-.00668	.40641	.00081	.08719	.43313	.04998
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00101	.01015
SDev	.00043	.00078
%RSD	42.176	7.7227
#1	.00131	.00959
#2	.00071	.01070
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5447	--	--	--	--	--	--
SDev	2.863644	--	--	--	--	--	--
%RSD	.0525755	--	--	--	--	--	--
#1	5449	--	--	--	--	--	--
#2	5445	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850200/(1:10) Operator: TWS
Run Time: 09/05/08 12:31:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9889	.01094	.01808	.02905	.00106	108.31	.00006
SDev	.1487	.00004	.00017	.00125	.00021	5.70	.00005
%RSD	4.9746	.34588	.95716	4.3046	19.954	5.2606	84.482
#1	3.0941	.01097	.01796	.02993	.00121	112.34	.00009
#2	2.8838	.01092	.01820	.02816	.00091	104.28	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00503	.00755	.02139	17.043	1.3154	41.231	.33238
SDev	.00069	.00014	.00086	.875	.0176	1.916	.01571
%RSD	13.713	1.8473	4.0135	5.1355	1.3382	4.6463	4.7275
#1	.00552	.00765	.02200	17.662	1.3279	42.585	.34349
#2	.00454	.00746	.02079	16.424	1.3030	39.876	.32127
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12861	.01096	.05191	.05575	.05447	.00049	-.00101
SDev	.00901	.00030	.00285	.00429	.00381	.00297	.00180
%RSD	7.0056	2.7814	5.4898	7.6916	6.9930	600.19	179.04
#1	.12224	.01118	.05392	.05879	.05717	.00260	.00027
#2	.13498	.01075	.04989	.05272	.05178	-.00161	-.00228
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00438	.00293	.03540	-.00196	.00780	.04247	.00657
SDev	.00302	.00294	.00151	.00222	.00025	.00246	.00028
%RSD	69.104	100.44	4.2567	113.28	3.2477	5.7852	4.2304
#1	-.00224	.00501	.03647	-.00039	.00798	.04420	.00677
#2	-.00652	.00085	.03433	-.00353	.00762	.04073	.00638
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00033	-.00010
SDev	.00001	.00021
%RSD	3.8048	221.10
#1	.00034	.00005
#2	.00032	-.00025
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6142	--	--	--	--	--	--
SDev	79.54986	--	--	--	--	--	--
%RSD	1.295073	--	--	--	--	--	--
#1	6086	--	--	--	--	--	--
#2	6199	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 12:44:01 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 12:39:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.112	.50678	.49963	.50546	.52524	25.903	.50717
SDev	.016	.00081	.00172	.00244	.00333	.025	.00058
%RSD	.06387	.15975	.34382	.48188	.63404	.09505	.11490
#1	25.123	.50620	.50085	.50719	.52760	25.920	.50676
#2	25.101	.50735	.49842	.50374	.52289	25.886	.50758
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50711	.53088	.51250	25.565	26.374	26.272	.53229
SDev	.00096	.00098	.00009	.040	.212	.113	.00242
%RSD	.18955	.18388	.01747	.15532	.80403	.42824	.45451
#1	.50779	.53157	.51257	25.593	26.524	26.351	.53400
#2	.50643	.53019	.51244	25.537	26.224	26.192	.53057
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.183	.51872	.51782	.51663	.51703	.51663	.51081
SDev	.015	.00259	.00103	.00363	.00277	.00351	.00141
%RSD	.05892	.49887	.19909	.70322	.53510	.68039	.27587
#1	25.172	.52055	.51855	.51920	.51899	.51912	.50981
#2	25.193	.51689	.51709	.51407	.51507	.51415	.51180
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51936	.51527	.52341	.50259	.50942	.52154	.52190
SDev	.00532	.00261	.00000	.00045	.00002	.00289	.00067
%RSD	1.0250	.50672	.00011	.09037	.00298	.55379	.12866
#1	.52313	.51712	.52341	.50291	.50943	.52358	.52238
#2	.51560	.51343	.52341	.50227	.50941	.51950	.52143
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51522	.51081
SDev	.00133	.00022
%RSD	.25755	.04314
#1	.51616	.51066
#2	.51428	.51097
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6219	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.3751863	--	--	--	--	--	--
#1	6203	--	--	--	--	--	--
#2	6236	--	--	--	--	--	--

Analysis Report Blank Sample 09/05/08 12:49:04 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 12:44:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01757	.00245	.00071	.00006	.00059	.01987	.00002
SDev	.00394	.00100	.00072	.00004	.00002	.00033	.00007
%RSD	22.422	40.855	101.31	60.697	3.3217	1.6413	422.88
#1	.01479	.00316	.00121	.00004	.00061	.02010	.00006
#2	.02036	.00174	.00020	.00009	.00058	.01964	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	-.00013	-.00002	.00212	-.01386	.02240	.00024
SDev	.00005	.00015	.00014	.00459	.01377	.00648	.00007
%RSD	30.592	115.79	736.24	216.80	99.308	28.911	28.795
#1	.00019	-.00002	.00008	-.00113	-.00413	.01782	.00029
#2	.00012	-.00023	-.00012	.00536	-.02360	.02698	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02321	-.00068	.00153	.00072	.00099	-.00119	-.00297
SDev	.11143	.00027	.00115	.00195	.00092	.00232	.00611
%RSD	480.04	39.256	74.831	268.58	92.073	194.68	205.51
#1	.05558	-.00087	.00235	-.00065	.00035	-.00283	.00135
#2	-.10201	-.00049	.00072	.00210	.00164	.00045	-.00730
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	-.00232	-.00026	.00063	.00002	.00080	-.00023
SDev	.00325	.00185	.00005	.00314	.00015	.00031	.00062
%RSD	304.72	79.833	18.316	501.98	783.91	38.628	271.18
#1	-.00123	-.00363	-.00030	.00285	-.00009	.00102	.00021
#2	.00337	-.00101	-.00023	-.00160	.00013	.00058	-.00066
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00003	.00183
SDev	.00002	.00200
%RSD	61.463	109.33
#1	-.00005	.00325
#2	-.00002	.00042
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6354	--	--	--	--	--	--
SDev	19.19788	--	--	--	--	--	--
%RSD	.3021349	--	--	--	--	--	--
#1	6341	--	--	--	--	--	--
#2	6368	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850227/FB Operator: TWS
Run Time: 09/05/08 12:49:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7144	.20148	.19504	.19535	.19845	10.041	.19787
SDev	.0364	.00122	.00098	.00016	.00001	.041	.00049
%RSD	.37467	.60719	.50488	.08288	.00355	.40539	.24685
#1	9.7401	.20235	.19434	.19546	.19845	10.070	.19821
#2	9.6886	.20062	.19573	.19523	.19844	10.013	.19752
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19766	.19924	.19676	9.9369	10.146	9.9992	.19849
SDev	.00009	.00071	.00024	.0300	.035	.0291	.00016
%RSD	.04734	.35540	.12092	.30194	.34615	.29093	.07986
#1	.19759	.19974	.19659	9.9581	10.121	10.020	.19860
#2	.19772	.19873	.19693	9.9157	10.171	9.9786	.19837
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8094	.19817	.20024	.19910	.19948	.19812	.19871
SDev	.0897	.00077	.00135	.00009	.00039	.00003	.00271
%RSD	.91435	.39036	.67389	.04553	.19495	.01786	1.3634
#1	9.8728	.19872	.20120	.19903	.19975	.19814	.19680
#2	9.7460	.19762	.19929	.19916	.19920	.19809	.20063
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20105	.19665	.19714	.19395	.19657	.19788	.20507
SDev	.00911	.00450	.00093	.00106	.00007	.00051	.00093
%RSD	4.5312	2.2893	.47312	.54851	.03723	.25770	.45554
#1	.20749	.19347	.19780	.19470	.19662	.19824	.20574
#2	.19461	.19984	.19648	.19320	.19652	.19752	.20441
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04981	.19784
SDev	.00063	.00062
%RSD	1.2537	.31174
#1	.04937	.19828
#2	.05026	.19741
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6536	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0389485	--	--	--	--	--	--
#1	6538	--	--	--	--	--	--
#2	6534	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850223 Operator: TWS
Run Time: 09/05/08 12:55:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26094	.00087	.03200	.01789	.00029	64.132	-.00024
SDev	.00278	.00098	.00052	.00029	.00004	.162	.00014
%RSD	1.0666	112.78	1.6181	1.6199	15.158	.25282	57.791
#1	.26291	.00018	.03163	.01769	.00026	64.018	-.00014
#2	.25897	.00156	.03237	.01810	.00032	64.247	-.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00041	.00183	.09648	1.7927	8.5375	.00788
SDev	.00035	.00012	.00002	.01041	.0328	.1040	.00005
%RSD	90.681	28.885	1.2720	10.788	1.8290	1.2185	.68043
#1	.00064	.00050	.00181	.10384	1.7695	8.4639	.00784
#2	.00014	.00033	.00184	.08912	1.8159	8.6111	.00792
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.566	-.00020	.00200	-.00044	.00038	-.00138	-.00481
SDev	.070	.00009	.00151	.00200	.00083	.00160	.00355
%RSD	.48198	41.881	75.482	457.93	221.40	115.24	73.810
#1	14.516	-.00026	.00307	-.00185	-.00021	-.00251	-.00230
#2	14.616	-.00014	.00093	.00098	.00096	-.00026	-.00732
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00212	-.00007	.00158	-.00042	.01119	.00001
SDev	.00083	.00198	.00013	.00331	.00015	.00006	.00148
%RSD	984.03	93.388	186.51	209.78	36.493	.58094	11188.
#1	-.00050	-.00352	.00002	-.00076	-.00031	.01123	.00106
#2	.00067	-.00072	-.00016	.00391	-.00053	.01114	-.00103
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00050	.00369
SDev	.00015	.00131
%RSD	30.978	35.654
#1	-.00039	.00276
#2	-.00060	.00462
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6340	--	--	--	--	--	--
SDev	42.53240	--	--	--	--	--	--
%RSD	.6709083	--	--	--	--	--	--
#1	6370	--	--	--	--	--	--
#2	6309	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849896/(1:5) Operator: TWS
Run Time: 09/05/08 13:00:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03114	.00230	.11274	.03220	.00019	8.1185	-.00006
SDev	.00337	.00045	.00021	.00006	.00006	.0152	.00049
%RSD	10.821	19.441	.18516	.18858	31.758	.18776	890.17
#1	.02876	.00198	.11289	.03224	.00015	8.1077	-.00040
#2	.03352	.00261	.11259	.03216	.00024	8.1293	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.01397	.01223	1.0567	10.030	1.0827	.10566
SDev	.00060	.00010	.00030	.0065	.008	.0045	.00036
%RSD	77.387	.72673	2.4363	.61638	.07802	.41277	.34086
#1	.00035	.01390	.01202	1.0614	10.025	1.0795	.10541
#2	.00120	.01404	.01244	1.0521	10.036	1.0859	.10592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	182.00	.01026	.00517	.00398	.00438	-.00052	-.00351
SDev	.43	.00053	.00038	.00241	.00173	.00270	.00293
%RSD	.23825	5.1769	7.2547	60.642	39.629	522.80	83.495
#1	182.30	.00988	.00491	.00227	.00315	-.00243	-.00558
#2	181.69	.01063	.00544	.00568	.00560	.00139	-.00144
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00099	.00000	.00152	.00179	.00603	.00101
SDev	.00124	.00467	.00009	.00034	.00015	.00030	.00021
%RSD	282.96	470.02	2109.0	22.399	8.2405	4.9999	20.570
#1	.00131	-.00430	.00007	.00128	.00190	.00625	.00086
#2	-.00044	.00231	-.00006	.00176	.00169	.00582	.00116
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	1.0226
SDev	.00056	.0059
%RSD	738.39	.57431
#1	-.00047	1.0185
#2	.00032	1.0268
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6419	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0148717	--	--	--	--	--	--
#1	6419	--	--	--	--	--	--
#2	6420	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849897/(1:5) Operator: TWS
Run Time: 09/05/08 13:05:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03123	.00430	.10816	.02254	.00026	3.6307	-.00019
SDev	.00772	.00138	.00136	.00023	.00002	.0050	.00007
%RSD	24.714	31.959	1.2613	1.0426	5.9975	.13773	35.104
#1	.02577	.00528	.10912	.02271	.00027	3.6342	-.00023
#2	.03668	.00333	.10719	.02237	.00024	3.6272	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.01014	.00354	.46449	9.7481	.99040	.03666
SDev	.00007	.00034	.00033	.00074	.2263	.01067	.00054
%RSD	20.050	3.3752	9.2631	.15903	2.3218	1.0774	1.4774
#1	.00043	.01038	.00377	.46502	9.9081	.99794	.03704
#2	.00032	.00990	.00331	.46397	9.5880	.98285	.03628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	173.84	.00916	.00684	.00117	.00306	.00314	-.00351
SDev	.77	.00053	.00226	.00199	.00058	.00458	.00264
%RSD	.44506	5.7396	32.984	169.99	18.910	145.62	75.076
#1	174.39	.00879	.00843	-.00024	.00265	-.00009	-.00165
#2	173.29	.00953	.00524	.00258	.00347	.00638	-.00538
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00367	.00288	-.00006	.00194	.00090	.00335	-.00027
SDev	.00042	.00666	.00019	.00176	.00045	.00018	.00040
%RSD	11.390	231.14	296.98	91.076	49.745	5.2803	148.43
#1	.00338	-.00183	-.00020	.00318	.00059	.00347	.00001
#2	.00397	.00759	.00007	.00069	.00122	.00322	-.00055
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00008	.98750
SDev	.00040	.00427
%RSD	483.92	.43279
#1	-.00020	.99052
#2	.00036	.98447
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6471	--	--	--	--	--	--
SDev	35.63811	--	--	--	--	--	--
%RSD	.5507485	--	--	--	--	--	--
#1	6446	--	--	--	--	--	--
#2	6496	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849903/(1:10) Operator: TWS
Run Time: 09/05/08 13:10:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24580	-.00003	.03468	.01105	.00032	1.1786	-.00039
SDev	.00066	.00346	.00139	.00011	.00009	.0093	.00017
%RSD	.26736	12306.	4.0073	.96252	28.445	.78597	43.716
#1	.24534	.00242	.03567	.01097	.00038	1.1852	-.00052
#2	.24627	-.00248	.03370	.01112	.00025	1.1721	-.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00137	.00022	.44633	.32361	.52756	.00843
SDev	.00035	.00120	.00060	.00053	.10444	.00926	.00015
%RSD	67.464	87.645	267.77	.11983	32.272	1.7555	1.7313
#1	.00076	.00223	.00064	.44671	.39746	.53411	.00853
#2	.00027	.00052	-.00020	.44595	.24976	.52101	.00833
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.84	.00019	-.00174	.00364	.00185	-.00261	-.00290
SDev	.17	.00026	.00451	.00141	.00056	.00035	.00349
%RSD	.08465	139.86	259.64	38.718	30.509	13.396	120.11
#1	195.72	.00037	.00145	.00264	.00225	-.00285	-.00044
#2	195.96	.00000	-.00493	.00463	.00145	-.00236	-.00537
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	-.00243	.00974	-.00297	.00304	.00225	.00024
SDev	.00430	.00267	.00010	.00004	.00016	.00001	.00083
%RSD	144.97	110.11	1.0428	1.3882	5.3816	.49822	346.19
#1	.00007	-.00432	.00981	-.00300	.00292	.00225	.00083
#2	-.00600	-.00054	.00967	-.00294	.00315	.00226	-.00035
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00055	.00879
SDev	.00056	.00007
%RSD	102.03	.76536
#1	.00015	.00884
#2	.00094	.00874
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6428	--	--	--	--	--	--
SDev	18.56155	--	--	--	--	--	--
%RSD	.2887665	--	--	--	--	--	--
#1	6441	--	--	--	--	--	--
#2	6415	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849909/MS (1:5) Operator: TWS
Run Time: 09/05/08 13:15:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9989	.05383	.05852	.20155	.04283	53.686	.04101
SDev	.0076	.00042	.00031	.00048	.00034	.132	.00045
%RSD	.15174	.77680	.52617	.23926	.80381	.24517	1.0899
#1	4.9935	.05354	.05830	.20121	.04259	53.593	.04069
#2	5.0042	.05413	.05874	.20189	.04307	53.779	.04132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04376	.05161	.04771	14.713	3.8435	17.828	.24317
SDev	.00072	.00027	.00034	.041	.0258	.079	.00090
%RSD	1.6363	.52706	.71962	.27722	.67172	.44432	.36943
#1	.04325	.05141	.04747	14.684	3.8252	17.772	.24253
#2	.04427	.05180	.04795	14.742	3.8617	17.884	.24380
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.988	.04902	.04648	.04544	.04579	.04201	.03381
SDev	.180	.00112	.00088	.00215	.00114	.00447	.00200
%RSD	.20408	2.2937	1.8990	4.7255	2.4863	10.652	5.9073
#1	87.861	.04822	.04710	.04393	.04498	.03885	.03240
#2	88.115	.04981	.04585	.04696	.04659	.04518	.03523
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03926	.04339	.08087	.04185	.04735	.06001	.04353
SDev	.00498	.00422	.00055	.00054	.00122	.00092	.00117
%RSD	12.696	9.7273	.67469	1.2912	2.5709	1.5251	2.6928
#1	.03574	.04040	.08049	.04223	.04649	.05937	.04436
#2	.04279	.04637	.08126	.04147	.04821	.06066	.04270
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.01048	.04343
SDev	.00023	.00127
%RSD	2.2294	2.9140
#1	.01032	.04254
#2	.01065	.04433
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6249	--	--	--	--	--	--
SDev	14.95524	--	--	--	--	--	--
%RSD	.2393135	--	--	--	--	--	--
#1	6260	--	--	--	--	--	--
#2	6239	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849910/SD (1:5) Operator: TWS
Run Time: 09/05/08 13:20:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.9241	.05417	.05889	.20125	.04386	53.580	.04209
SDev	.0097	.00192	.00113	.00089	.00018	.087	.00002
%RSD	.19676	3.5380	1.9178	.44423	.40372	.16199	.05011
#1	4.9310	.05552	.05809	.20188	.04399	53.642	.04211
#2	4.9173	.05281	.05969	.20062	.04374	53.519	.04208
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04452	.05219	.04905	14.587	3.9341	17.951	.24387
SDev	.00001	.00069	.00032	.035	.0443	.083	.00087
%RSD	.01454	1.3325	.66161	.24069	1.1270	.46028	.35496
#1	.04453	.05269	.04882	14.612	3.9655	18.010	.24448
#2	.04452	.05170	.04928	14.562	3.9028	17.893	.24325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.030	.05003	.04708	.04681	.04690	.04043	.03700
SDev	.019	.00011	.00176	.00245	.00105	.00042	.00246
%RSD	.02129	.22854	3.7304	5.2394	2.2409	1.0296	6.6390
#1	87.043	.05011	.04584	.04854	.04764	.04073	.03526
#2	87.017	.04995	.04832	.04507	.04615	.04014	.03874
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03994	.04068	.07950	.04368	.04786	.06110	.04398
SDev	.00060	.00093	.00022	.00347	.00041	.00034	.00077
%RSD	1.5126	2.2775	.27271	7.9481	.86233	.55543	1.7468
#1	.03951	.04134	.07966	.04613	.04815	.06086	.04343
#2	.04036	.04002	.07935	.04122	.04757	.06134	.04452
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.01025	.04543
SDev	.00003	.00242
%RSD	.33652	5.3243
#1	.01022	.04715
#2	.01027	.04372
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6227	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.1958674	--	--	--	--	--	--
#1	6219	--	--	--	--	--	--
#2	6236	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849913/(1:10) Operator: TWS
Run Time: 09/05/08 13:25:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.813	.30225	.02764	.38927	.00164	69.382	.00115
SDev	.002	.00078	.00052	.00061	.00003	.077	.00010
%RSD	.00652	.25771	1.8775	.15670	1.6675	.11158	8.9152
#1	34.812	.30280	.02801	.38884	.00162	69.327	.00108
#2	34.815	.30170	.02727	.38970	.00166	69.437	.00122
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02102	.05057	.17128	152.10	4.6382	24.160	1.4384
SDev	.00053	.00068	.00018	.15	.0187	.023	.0034
%RSD	2.5177	1.3373	.10412	.09566	.40419	.09620	.23533
#1	.02065	.05104	.17140	151.99	4.6249	24.143	1.4360
#2	.02139	.05009	.17115	152.20	4.6514	24.176	1.4408
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.5434	.07082	.03665	.03046	.03252	.00260	.00014
SDev	.0529	.00057	.00183	.00043	.00032	.00022	.00033
%RSD	1.1636	.80760	4.9927	1.4235	.98467	8.5597	232.81
#1	4.5060	.07123	.03536	.03076	.03229	.00245	.00037
#2	4.5808	.07042	.03795	.03015	.03275	.00276	-.00009
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	.00267	.16557	.00265	.07490	.35461	.00480
SDev	.00426	.00246	.00160	.00000	.00022	.00019	.00019
%RSD	171.82	92.314	.96715	.00525	.29667	.05321	4.0596
#1	.00549	.00093	.16671	.00265	.07506	.35448	.00494
#2	-.00053	.00441	.16444	.00265	.07475	.35474	.00466
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00008	.02316
SDev	.00003	.00119
%RSD	34.878	5.1294
#1	.00009	.02400
#2	.00006	.02232
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6742	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.0928230	--	--	--	--	--	--
#1	6746	--	--	--	--	--	--
#2	6737	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850134/(1:5) Operator: TWS
Run Time: 09/05/08 13:30:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03789	.01625	1.5509	.06850	.00057	22.422	.00003
SDev	.00706	.00090	.0027	.00022	.00003	.071	.00004
%RSD	18.635	5.5557	.17247	.31658	4.3663	.31699	145.60
#1	.04289	.01561	1.5490	.06834	.00056	22.473	-.00000
#2	.03290	.01688	1.5528	.06865	.00059	22.372	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00450	.02177	.00038	.34051	88.478	38.548	.02662
SDev	.00034	.00068	.00016	.00475	.727	.011	.00002
%RSD	7.5899	3.1469	42.672	1.3955	.82211	.02895	.07401
#1	.00426	.02225	.00026	.33715	87.964	38.540	.02663
#2	.00474	.02128	.00049	.34387	88.992	38.556	.02661
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	247.32	.01989	.00141	-.00141	-.00047	-.00003	-.00327
SDev	.36	.00046	.00318	.00196	.00025	.00482	.00250
%RSD	.14530	2.3016	226.08	139.18	52.421	14040.	76.412
#1	247.06	.02021	.00366	-.00279	-.00064	-.00344	-.00150
#2	247.57	.01957	-.00084	-.00002	-.00030	.00337	-.00504
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00346	-.00178	.04450	.00383	.00844	.00757	.00034
SDev	.00117	.00664	.00003	.00178	.00039	.00007	.00042
%RSD	33.761	372.40	.05527	46.515	4.6669	.99583	120.96
#1	.00264	-.00648	.04448	.00509	.00817	.00763	.00005
#2	.00429	.00291	.04452	.00257	.00872	.00752	.00064
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00014	.00203
SDev	.00023	.00091
%RSD	158.28	44.666
#1	-.00002	.00267
#2	.00031	.00139
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6185	--	--	--	--	--	--
SDev	52.82101	--	--	--	--	--	--
%RSD	.8540249	--	--	--	--	--	--
#1	6222	--	--	--	--	--	--
#2	6148	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849854/(1:5) Operator: TWS
Run Time: 09/05/08 13:35:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01810	.00599	.27188	.00766	.00043	48.700	-.00009
SDev	.00326	.00222	.00103	.00004	.00002	.002	.00009
%RSD	18.016	37.088	.37770	.47536	4.8159	.00476	102.12
#1	.02041	.00442	.27115	.00763	.00045	48.698	-.00002
#2	.01580	.00756	.27260	.00769	.00042	48.701	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02439	-.00082	.00137	33.863	18.226	38.052	18.793
SDev	.00016	.00019	.00006	.053	.290	.225	.105
%RSD	.64810	23.511	3.9892	.15742	1.5915	.59167	.56067
#1	.02428	-.00068	.00133	33.825	18.021	37.893	18.719
#2	.02450	-.00095	.00141	33.901	18.431	38.211	18.868
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.200	.02331	.00152	.00073	.00099	.00020	-.00210
SDev	.274	.00030	.00012	.00100	.00071	.00151	.00269
%RSD	.47000	1.2865	7.7059	137.82	71.285	735.93	127.67
#1	58.007	.02352	.00144	.00002	.00049	-.00086	-.00020
#2	58.394	.02310	.00160	.00143	.00149	.00127	-.00400
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	-.00093	.00007	.00717	.00007	.00968	-.00167
SDev	.00384	.00034	.00045	.00079	.00032	.00031	.00171
%RSD	155.50	36.919	654.38	10.990	444.21	3.1699	102.11
#1	-.00025	-.00117	.00039	.00661	.00030	.00946	-.00288
#2	.00518	-.00068	-.00025	.00772	-.00015	.00989	-.00046
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00039	.00071
SDev	.00041	.00147
%RSD	104.36	206.98
#1	-.00010	-.00033
#2	-.00068	.00175
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6205	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0256399	--	--	--	--	--	--
#1	6204	--	--	--	--	--	--
#2	6206	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 13:43:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.060	.50344	.49848	.50513	.52372	25.768	.50403
SDev	.010	.00307	.00042	.00148	.00173	.120	.00219
%RSD	.04002	.61065	.08440	.29257	.33121	.46620	.43375
#1	25.053	.50561	.49818	.50409	.52494	25.853	.50558
#2	25.067	.50127	.49878	.50618	.52249	25.683	.50249
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50560	.52828	.51263	25.421	26.258	26.230	.53115
SDev	.00299	.00298	.00049	.081	.087	.097	.00080
%RSD	.59242	.56512	.09593	.31711	.33124	.36976	.15011
#1	.50772	.53039	.51228	25.478	26.196	26.299	.53172
#2	.50348	.52617	.51297	25.364	26.319	26.161	.53059
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.138	.51535	.51439	.51808	.51685	.52070	.50999
SDev	.054	.00239	.00236	.00356	.00316	.00056	.00159
%RSD	.21406	.46449	.45920	.68703	.61152	.10711	.31153
#1	25.100	.51704	.51606	.52060	.51909	.52109	.51111
#2	25.176	.51366	.51272	.51556	.51462	.52030	.50887
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52219	.51996	.52275	.49797	.50790	.51735	.51562
SDev	.00068	.00050	.00082	.00571	.00147	.00422	.00034
%RSD	.12962	.09582	.15675	1.1476	.28964	.81619	.06524
#1	.52267	.52031	.52333	.50201	.50894	.52034	.51538
#2	.52172	.51960	.52217	.49393	.50686	.51437	.51586
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51658	.51101
SDev	.00110	.00394
%RSD	.21369	.77030
#1	.51736	.51380
#2	.51580	.50823
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6181	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0240267	--	--	--	--	--	--
#1	6182	--	--	--	--	--	--
#2	6180	--	--	--	--	--	--

Analysis Report Blank Sample 09/05/08 01:53:56 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 13:48:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01343	.00137	.00127	.00016	.00062	.01690	.00028
SDev	.00517	.00005	.00078	.00006	.00003	.00159	.00008
%RSD	38.515	3.9238	61.151	36.481	3.9321	9.3908	29.316
#1	.01708	.00141	.00182	.00012	.00064	.01802	.00022
#2	.00977	.00134	.00072	.00020	.00061	.01578	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	-.00016	.00019	.00472	-.00983	.01590	.00074
SDev	.00022	.00006	.00008	.00277	.02613	.00031	.00014
%RSD	108.63	40.511	44.144	58.578	265.78	1.9393	18.813
#1	.00037	-.00011	.00025	.00277	.00865	.01611	.00083
#2	.00005	-.00020	.00013	.00668	-.02831	.01568	.00064
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09473	-.00044	-.00047	.00015	-.00006	-.00007	-.00087
SDev	.12308	.00046	.00096	.00104	.00101	.00448	.00287
%RSD	129.93	104.92	203.52	690.99	1758.9	6562.8	329.88
#1	-.00770	-.00076	.00021	.00088	.00066	.00310	.00116
#2	-.18176	-.00011	-.00115	-.00058	-.00077	-.00323	-.00290
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00213	.00096	-.00013	.00020	-.00020	.00017	-.00158
SDev	.00658	.00343	.00010	.00173	.00015	.00030	.00084
%RSD	309.05	356.29	74.189	867.36	77.674	177.52	53.140
#1	.00252	.00338	-.00020	.00142	-.00031	.00038	-.00217
#2	-.00678	-.00146	-.00006	-.00102	-.00009	-.00004	-.00098
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00042	.00137
SDev	.00034	.00201
%RSD	80.498	146.64
#1	.00018	.00279
#2	.00067	-.00005
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6318	--	--	--	--	--	--
SDev	1.908981	--	--	--	--	--	--
%RSD	.0302150	--	--	--	--	--	--
#1	6319	--	--	--	--	--	--
#2	6317	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849876/(1:20) Operator: TWS
Run Time: 09/05/08 13:59:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.4505	.01099	.01984	.05902	.00110	51.156	.00033
SDev	.0031	.00218	.00026	.00011	.00001	.013	.00026
%RSD	.06861	19.834	1.3182	.18060	.54563	.02481	81.451
#1	4.4484	.00945	.01966	.05895	.00110	51.165	.00014
#2	4.4527	.01253	.02003	.05910	.00111	51.147	.00051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.45939	.17686	56.433	.22495	11.456	12.120
SDev	.00055	.00004	.00014	.004	.01205	.022	.018
%RSD	23.941	.00854	.07980	.00620	5.3559	.18810	.15053
#1	.00191	.45936	.17696	56.436	.23347	11.471	12.132
#2	.00269	.45941	.17676	56.431	.21643	11.441	12.107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09723	.01872	.07329	.07351	.07344	.00329	.00148
SDev	.01980	.00027	.00261	.00013	.00078	.00198	.00098
%RSD	20.362	1.4230	3.5547	.16986	1.0680	60.274	66.256
#1	.08323	.01890	.07145	.07360	.07288	.00469	.00217
#2	.11123	.01853	.07513	.07342	.07399	.00189	.00078
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.00438	.76749	.00349	.25782	.06881	.00850
SDev	.00649	.00622	.00163	.00136	.00010	.00068	.00087
%RSD	593.67	141.84	.21234	39.060	.03748	.98893	10.254
#1	-.00350	.00878	.76865	.00253	.25788	.06929	.00788
#2	.00568	-.00001	.76634	.00446	.25775	.06833	.00911
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00074	.00636
SDev	.00003	.00183
%RSD	4.1881	28.743
#1	-.00076	.00507
#2	-.00071	.00766
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6131	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.1470418	--	--	--	--	--	--
#1	6138	--	--	--	--	--	--
#2	6125	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849799/(1:10) Operator: TWS
Run Time: 09/05/08 14:05:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05043	.00567	1.4754	.09466	.00045	5.9864	-.00010
SDev	.00005	.00012	.0038	.00003	.00001	.0046	.00012
%RSD	.09572	2.1096	.25754	.03231	3.0735	.07713	113.08
#1	.05046	.00575	1.4781	.09464	.00044	5.9897	-.00002
#2	.05040	.00558	1.4727	.09468	.00046	5.9832	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00788	.01597	.00902	.72888	65.901	17.698	.01080
SDev	.00054	.00039	.00012	.00241	.080	.011	.00116
%RSD	6.8049	2.4490	1.3029	.33117	.12186	.06487	10.763
#1	.00750	.01625	.00894	.73059	65.844	17.690	.00997
#2	.00826	.01569	.00911	.72718	65.958	17.707	.01162
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	235.44	.06659	.00118	.00086	.00097	.00034	-.00203
SDev	.62	.00011	.00059	.00156	.00085	.00329	.00009
%RSD	.26543	.15930	49.871	180.58	87.332	974.19	4.3449
#1	235.88	.06666	.00159	-.00024	.00037	.00267	-.00209
#2	235.00	.06651	.00076	.00197	.00156	-.00199	-.00196
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	.00099	.02600	.00166	.01322	.03379	.00024
SDev	.00478	.00255	.00006	.00157	.00032	.00090	.00148
%RSD	496.95	257.83	.23946	94.707	2.4446	2.6672	619.47
#1	.00242	.00279	.02595	.00276	.01299	.03443	-.00081
#2	-.00435	-.00081	.02604	.00055	.01345	.03316	.00129
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00032	-.00015
SDev	.00013	.00179
%RSD	39.285	1161.0
#1	-.00023	-.00142
#2	-.00041	.00111
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6261	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0525171	--	--	--	--	--	--
#1	6263	--	--	--	--	--	--
#2	6258	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD849800/(1:10) Operator: TWS
Run Time: 09/05/08 14:10:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02059	.00274	1.6579	.05801	.00050	8.8358	.00025
SDev	.00608	.00023	.0009	.00021	.00002	.0014	.00001
%RSD	29.518	8.3160	.05724	.36647	3.2936	.01566	1.8024
#1	.02489	.00258	1.6585	.05786	.00049	8.8368	.00026
#2	.01630	.00290	1.6572	.05816	.00051	8.8348	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00521	.00851	.00266	.67815	73.627	29.281	.01914
SDev	.00039	.00021	.00029	.00833	.709	.099	.00078
%RSD	7.4324	2.4196	10.896	1.2283	.96304	.33891	4.0782
#1	.00548	.00865	.00245	.68404	73.126	29.211	.01859
#2	.00493	.00836	.00286	.67226	74.128	29.352	.01969
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	217.32	.03918	.00294	.00084	.00154	.00158	-.00027
SDev	.10	.00026	.00049	.00036	.00007	.00220	.00273
%RSD	.04481	.66324	16.688	42.775	4.9039	139.17	995.42
#1	217.25	.03900	.00329	.00058	.00149	.00314	-.00220
#2	217.39	.03936	.00260	.00109	.00159	.00003	.00165
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00257	.00109	.01417	.00095	.00605	.05332	.00074
SDev	.00644	.00652	.00005	.00184	.00029	.00031	.00168
%RSD	250.70	598.49	.35395	193.74	4.8495	.57707	225.74
#1	-.00198	.00570	.01414	.00226	.00626	.05354	.00193
#2	.00712	-.00352	.01421	-.00035	.00585	.05310	-.00044
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	.00091
SDev	.00010	.00014
%RSD	153.61	15.317
#1	-.00001	.00101
#2	.00014	.00081
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6319	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.2685619	--	--	--	--	--	--
#1	6331	--	--	--	--	--	--
#2	6307	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD848903 Operator: TWS
Run Time: 09/05/08 14:16:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.589	.02575	.04047	.25384	.00338	211.72	.00036
SDev	.020	.00084	.00161	.00104	.00002	.18	.00020
%RSD	.04353	3.2792	3.9649	.41123	.60156	.08524	55.938
#1	46.574	.02515	.03934	.25310	.00337	211.59	.00022
#2	46.603	.02634	.04161	.25458	.00340	211.84	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03481	.05840	.09611	95.307	7.0706	58.326	3.4630
SDev	.00054	.00032	.00140	.053	.1155	.362	.0268
%RSD	1.5540	.55476	1.4537	.05570	1.6334	.62066	.77512
#1	.03443	.05863	.09512	95.270	6.9889	58.070	3.4440
#2	.03520	.05817	.09709	95.345	7.1522	58.582	3.4820
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92669	.07639	.07441	.07008	.07152	.00083	-.00251
SDev	.21531	.00177	.00084	.00075	.00078	.00186	.00463
%RSD	23.234	2.3183	1.1249	1.0698	1.0889	225.67	184.42
#1	.77444	.07514	.07500	.07061	.07207	-.00049	-.00578
#2	1.0789	.07764	.07382	.06955	.07097	.00214	.00076
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00684	.00466	1.4047	-.00178	.10093	.23237	.04161
SDev	.00190	.00375	.0077	.00149	.00059	.00190	.00015
%RSD	27.779	80.377	.54949	83.739	.58836	.81630	.34951
#1	-.00550	.00201	1.4102	-.00073	.10051	.23103	.04171
#2	-.00819	.00731	1.3993	-.00284	.10135	.23371	.04151
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00052	.00188
SDev	.00055	.00074
%RSD	105.29	39.102
#1	.00013	.00240
#2	.00090	.00136
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5714	--	--	--	--	--	--
SDev	13.57659	--	--	--	--	--	--
%RSD	.2375980	--	--	--	--	--	--
#1	5724	--	--	--	--	--	--
#2	5704	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850415/PB Operator: TWS
Run Time: 09/05/08 14:24:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01903	.00261	-.00013	.00031	H.00215	.06022	-.00001
SDev	.00249	.00109	.00053	.00003	.00036	.00290	.00004
%RSD	13.074	41.803	408.01	10.434	16.698	4.8175	562.74
#1	.01727	.00184	-.00050	.00029	.00189	.05817	-.00003
#2	.02079	.00338	.00024	.00034	H.00240	.06227	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	.00048	.00193	.00775	.00914	.01079	.00033
SDev	.00032	.00000	.00018	.01669	.01625	.00490	.00010
%RSD	55.477	.21005	9.3887	215.27	177.72	45.416	30.237
#1	-.00035	.00048	.00206	.01955	.02063	.01425	.00026
#2	-.00081	.00048	.00180	-.00405	-.00235	.00732	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04276	-.00083	.00713	-.00106	.00167	-.00131	-.00200
SDev	.11103	.00007	.00050	.00091	.00044	.00392	.00010
%RSD	259.66	8.1026	6.9692	85.851	26.579	298.59	4.8427
#1	.03575	-.00078	.00678	-.00042	.00198	-.00409	-.00207
#2	-.12127	-.00088	.00748	-.00171	.00135	.00146	-.00193
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00796	.00201	.00104	.00221	-.00080	.00331	H.04753
SDev	.00594	.00291	.00239	.00673	.00039	.00112	.00232
%RSD	74.639	145.01	230.52	304.33	48.335	33.776	4.8845
#1	-.01215	-.00005	-.00065	.00697	-.00053	.00410	H.04589
#2	-.00376	.00407	.00272	-.00255	-.00108	.00252	H.04917
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00175	-.00026
SDev	.00049	.00028
%RSD	27.847	111.13
#1	-.00140	-.00005
#2	-.00209	-.00046
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5197	--	--	--	--	--	--
SDev	178.7212	--	--	--	--	--	--
%RSD	3.438848	--	--	--	--	--	--
#1	5324	--	--	--	--	--	--
#2	5071	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850414/CLPSL Operator: TWS
Run Time: 09/05/08 14:29:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.931	1.4160	1.4150	2.3630	1.3013	105.85	1.1193
SDev	.090	.0053	.0027	.0034	.0013	.11	.0022
%RSD	.09986	.37545	.18731	.14379	.09857	.10008	.19788
#1	89.867	1.4123	1.4169	2.3606	1.3003	105.77	1.1177
#2	89.994	1.4198	1.4132	2.3654	1.3022	105.92	1.1209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	148.00	1.6000	1.6300	2.6800	1.3600	112.00	1.2000
Low	62.500	1.0700	.87600	1.8400	.97900	79.900	.85300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4502	2.5131	1.7195	161.77	56.100	51.885	5.5236
SDev	.0013	.0041	.0018	.18	.012	.048	.0069
%RSD	.09065	.16232	.10178	.11240	.02109	.09273	.12417
#1	1.4492	2.5103	1.7183	161.64	56.108	51.851	5.5187
#2	1.4511	2.5160	1.7208	161.90	56.092	51.919	5.5284
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.5700	2.5800	1.8100	277.00	67.000	58.600	5.9900
Low	1.0800	1.7900	1.2900	93.600	39.000	38.100	4.2100

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9334	1.3513	1.8621	1.8468	1.8519	1.0434	.71957
SDev	.0949	.0010	.0049	.0019	.0029	.0020	.00107
%RSD	1.0620	.07180	.26237	.10098	.15502	.19617	.14810
#1	9.0005	1.3506	1.8587	1.8455	1.8499	1.0449	.72032
#2	8.8663	1.3520	1.8656	1.8481	1.8539	1.0420	.71881
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.100	1.4300			1.9900	1.1600	1.6400
Low	5.8900	.95700			1.3700	.72300	.00690

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0579	1.0362	5.5339	1.6518	1.3006	3.0286	1.1327
SDev	.0065	.0002	.0110	.0020	.0015	.0028	.0017
%RSD	.61335	.01678	.19803	.12361	.11203	.09170	.15054
#1	1.0624	1.0361	5.5261	1.6533	1.2996	3.0306	1.1339
#2	1.0533	1.0363	5.5416	1.6504	1.3016	3.0266	1.1315
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			7.0700	1.8200	1.4800	3.3400	1.3500
Low			1.3500	1.2400	.97800	2.2700	.82100

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.87691	1.2504
SDev	.00002	.0019
%RSD	.00237	.15131
#1	.87689	1.2490
#2	.87692	1.2517
Errors	LC Pass	LC Pass
High	1.0800	1.3200
Low	.53800	.89100

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6049	--	--	--	--	--	--
SDev	15.06158	--	--	--	--	--	--
%RSD	.2489970	--	--	--	--	--	--
#1	6038	--	--	--	--	--	--
#2	6060	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850397 Operator: TWS
Run Time: 09/05/08 14:34:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.83	.05837	.48619	2.7104	.07632	H1893.8	.49994
SDev	.15	.00121	.00054	.0018	.00029	1.0	.00064
%RSD	.05625	2.0816	.11165	.06791	.37749	.05129	.12899
#1	266.94	.05751	.48581	2.7091	.07611	H1893.1	.49949
#2	266.72	.05923	.48657	2.7117	.07652	H1894.5	.50040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01204	.11932	.49589	140.60	22.383	84.417	19.488
SDev	.00068	.00036	.00040	.08	.162	.290	.057
%RSD	5.6876	.30272	.08094	.05839	.72317	.34352	.29355
#1	.01252	.11957	.49561	140.54	22.269	84.212	19.448
#2	.01155	.11906	.49618	140.66	22.498	84.622	19.529
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0780	.12627	.44654	.44058	.44257	.02673	-.00203
SDev	.1124	.00057	.00895	.00402	.00030	.00343	.00511
%RSD	1.2378	.45103	2.0034	.91348	.06657	12.835	252.28
#1	9.1574	.12667	.44022	.44343	.44236	.02916	-.00564
#2	8.9985	.12587	.45287	.43774	.44278	.02431	.00159
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02222	.02899	7.2330	.00569	.17270	1.8591	.09449
SDev	.00357	.00336	.0032	.00426	.00116	.0050	.00129
%RSD	16.075	11.593	.04388	74.923	.67202	.27066	1.3649
#1	.02475	.03136	7.2308	.00871	.17352	1.8555	.09540
#2	.01970	.02661	7.2352	.00268	.17188	1.8626	.09357
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00251	.01600
SDev	.00075	.00076
%RSD	29.710	4.7732
#1	.00304	.01546
#2	.00198	.01654
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6975	--	--	--	--	--	--
SDev	12.09125	--	--	--	--	--	--
%RSD	.1733624	--	--	--	--	--	--
#1	6966	--	--	--	--	--	--
#2	6983	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850398 Operator: TWS
Run Time: 09/05/08 14:39:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	270.91	.04750	.53706	2.8061	.07382	H1778.7	.01645
SDev	.26	.00006	.00060	.0050	.00001	.5	.00012
%RSD	.09776	.11884	.11206	.17747	.01771	.03030	.70004
#1	270.73	.04746	.53664	2.8026	.07381	H1779.1	.01653
#2	271.10	.04754	.53749	2.8097	.07383	H1778.4	.01637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02968	.06912	.39261	172.43	24.452	49.340	19.662
SDev	.00048	.00017	.00126	.03	.011	.057	.009
%RSD	1.6079	.24846	.31976	.01903	.04671	.11559	.04694
#1	.03001	.06900	.39173	172.41	24.460	49.299	19.656
#2	.02934	.06924	.39350	172.46	24.444	49.380	19.669
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9890	.10886	.27375	.25847	.26356	.02519	-.00131
SDev	.0088	.00083	.00287	.00112	.00170	.00198	.00163
%RSD	.08782	.76115	1.0502	.43173	.64564	7.8663	124.43
#1	9.9828	.10827	.27578	.25926	.26476	.02659	-.00016
#2	9.9953	.10944	.27172	.25768	.26235	.02379	-.00247
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02467	.02545	7.6712	.00108	.07425	1.1944	.15114
SDev	.00647	.00621	.0083	.00208	.00014	.0007	.00151
%RSD	26.224	24.386	.10816	192.26	.19293	.06034	.99924
#1	.02009	.02984	7.6653	.00255	.07415	1.1939	.15221
#2	.02924	.02106	7.6771	-.00039	.07436	1.1949	.15007
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00002	.01079
SDev	.00008	.00003
%RSD	484.72	.29355
#1	-.00004	.01081
#2	.00008	.01077
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6719	--	--	--	--	--	--
SDev	12.09159	--	--	--	--	--	--
%RSD	.1799626	--	--	--	--	--	--
#1	6728	--	--	--	--	--	--
#2	6710	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850399 Operator: TWS
Run Time: 09/05/08 14:44:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k42.669	k.05079	k.12830	k1.0153	k.01225	C.00000	k.05251
SDev	.014	.00124	.00041	.0056	.00007	.00000	.00005
%RSD	.03265	2.4404	.31652	.55355	.55966	.00000	.10168
#1	k42.659	k.04991	k.12858	k1.0113	k.01220	C.00000	k.05255
#2	k42.679	k.05166	k.12801	k1.0193	k.01230	C.00000	k.05248
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.02007	k.08848	k.47637	k116.64	k8.0869	937.55	k9.4057
SDev	.00042	.00010	.00030	.39	.0762	3.57	.0233
%RSD	2.0873	.11543	.06376	.33089	.94272	.38043	.24821
#1	k.02037	k.08856	k.47615	k116.37	k8.0330	935.03	k9.3892
#2	k.01978	k.08841	k.47658	k116.91	k8.1408	940.07	k9.4222
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k3.4771	k.11521	k.85185	k.86500	k.86062	k.00571	k.00338
SDev	.1425	.01298	.00089	.00428	.00315	.00120	.00401
%RSD	4.0989	11.262	.10488	.49456	.36612	20.970	118.60
#1	k3.5779	k.12438	k.85248	k.86802	k.86285	k.00487	k.00055
#2	k3.3763	k.10603	k.85122	k.86197	k.85839	k.00656	k.00621
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.00016	k.00849	k1.3001	k.00492	k.19817	k5.9427	k.09410
SDev	.00590	.00475	.0049	.00222	.00081	.0167	.00105
%RSD	3787.1	55.884	.37437	45.163	.40912	.28119	1.1116
#1	k.00433	k.00514	k1.2966	k.00650	k.19760	k5.9308	k.09484
#2	k-.00401	k.01185	k1.3035	k.00335	k.19874	k5.9545	k.09336
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	k.00168	k.01458
SDev	.00030	.00140
%RSD	18.170	9.5738
#1	k.00189	k.01557
#2	k.00146	k.01360
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5280	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.2229942	--	--	--	--	--	--
#1	5288	--	--	--	--	--	--
#2	5271	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850400 Operator: TWS
Run Time: 09/05/08 14:49:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	131.68	.07967	.02510	.43840	.00627	2.2896	.00089
SDev	.20	.00133	.00126	.00069	.00006	.0100	.00009
%RSD	.15361	1.6641	5.0249	.15712	.92770	.43674	9.7392
#1	131.54	.07873	.02599	.43888	.00623	2.2826	.00083
#2	131.82	.08061	.02421	.43791	.00632	2.2967	.00095
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09669	.18124	.14313	267.22	10.252	40.453	3.5681
SDev	.00055	.00146	.00031	1.09	.027	.169	.0117
%RSD	.56778	.80805	.21878	.40664	.26662	.41866	.32660
#1	.09630	.18021	.14291	266.45	10.271	40.334	3.5598
#2	.09708	.18228	.14335	267.98	10.233	40.573	3.5763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43023	.24473	.11568	.09301	.10056	.01023	-.00323
SDev	.11015	.00125	.00584	.00319	.00018	.00076	.00326
%RSD	25.602	.51191	5.0517	3.4322	.18222	7.4486	100.87
#1	.35234	.24385	.11155	.09527	.10069	.01077	-.00554
#2	.50811	.24562	.11981	.09075	.10043	.00969	-.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.01555	1.3813	.00125	.17768	.59638	.03443
SDev	.01193	.00711	.0224	.00476	.00042	.00236	.00120
%RSD	2926.9	45.701	1.6235	381.07	.23465	.39510	3.4851
#1	-.00884	.02058	1.3972	.00462	.17738	.59471	.03528
#2	.00803	.01053	1.3655	-.00212	.17797	.59804	.03359
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00159	.00489
SDev	.00022	.00214
%RSD	13.598	43.695
#1	-.00144	.00640
#2	-.00175	.00338
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5460	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0388488	--	--	--	--	--	--
#1	5462	--	--	--	--	--	--
#2	5459	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 03:02:44 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 14:57:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.293	.48639	.48268	.48835	.50285	24.971	.48996
SDev	.024	.00219	.00105	.00077	.00146	.039	.00054
%RSD	.09681	.45106	.21745	.15798	.29115	.15655	.11108
#1	24.309	.48484	.48342	.48780	.50181	24.999	.49034
#2	24.276	.48794	.48194	.48889	.50388	24.943	.48957
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49018	.51222	.49652	24.636	25.369	25.191	.51121
SDev	.00013	.00120	.00148	.054	.256	.052	.00084
%RSD	.02562	.23365	.29766	.21807	1.0091	.20520	.16510
#1	.49009	.51307	.49547	24.674	25.188	25.154	.51062
#2	.49027	.51137	.49756	24.598	25.550	25.227	.51181
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.495	.50134	.49645	.50194	.50011	.50129	.49150
SDev	.029	.00149	.00036	.00116	.00065	.00333	.00387
%RSD	.11718	.29674	.07212	.23059	.13053	.66500	.78780
#1	24.475	.50239	.49670	.50112	.49965	.50365	.48876
#2	24.515	.50028	.49619	.50275	.50057	.49894	.49424
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50266	.50062	.50599	.49146	.49390	.50017	.50280
SDev	.00286	.00357	.00033	.00907	.00151	.00054	.00380
%RSD	.56884	.71327	.06535	1.8452	.30506	.10733	.75574
#1	.50468	.50315	.50622	.49788	.49496	.50055	.50549
#2	.50063	.49810	.50575	.48505	.49283	.49979	.50012
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50125	.48943
SDev	.00057	.00179
%RSD	.11445	.36601
#1	.50166	.48816
#2	.50084	.49069
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6395	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.1923954	--	--	--	--	--	--
#1	6404	--	--	--	--	--	--
#2	6386	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 15:02:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01602	.00056	.00075	.00025	.00025	.05357	-.00013
SDev	.01679	.00048	.00026	.00007	.00008	.01673	.00001
%RSD	104.84	86.123	34.871	30.162	32.735	31.220	11.062
#1	.02789	.00022	.00057	.00030	.00031	.06540	-.00014
#2	.00414	.00090	.00094	.00020	.00019	.04174	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00059	.00077	.03584	.00284	.02859	.00073
SDev	.00010	.00004	.00053	.00819	.01439	.01086	.00021
%RSD	30.140	7.2681	69.390	22.852	506.35	37.991	28.086
#1	.00039	.00056	.00039	.04163	.01301	.03627	.00088
#2	.00025	.00062	.00114	.03005	-.00733	.02091	.00059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07548	-.00012	-.00027	.00128	.00076	.00238	.00191
SDev	.06744	.00014	.00014	.00078	.00048	.00194	.00429
%RSD	89.350	117.24	52.346	61.425	62.500	81.450	224.72
#1	.02779	-.00021	-.00017	.00072	.00042	.00101	-.00112
#2	.12317	-.00002	-.00037	.00183	.00110	.00375	.00494
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00352	.00072	.00363	.00035	.00069	-.00082
SDev	.00499	.00042	.00063	.00433	.00000	.00046	.00270
%RSD	5296.3	11.770	87.298	119.34	.07032	65.953	331.51
#1	-.00343	.00323	.00117	.00669	.00035	.00037	-.00273
#2	.00362	.00382	.00028	.00057	.00035	.00102	.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00068	.00099
SDev	.00007	.00214
%RSD	9.8191	216.33
#1	.00063	.00250
#2	.00072	-.00052
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6353	--	--	--	--	--	--
SDev	12.51593	--	--	--	--	--	--
%RSD	.1969957	--	--	--	--	--	--
#1	6362	--	--	--	--	--	--
#2	6345	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850401 Operator: TWS
Run Time: 09/05/08 15:07:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	116.70	.04875	.01443	.35235	.00328	5.4849	.00115
SDev	.19	.00051	.00031	.00195	.00001	.0086	.00007
%RSD	.16037	1.0448	2.1720	.55261	.41884	.15670	5.8856
#1	116.57	.04839	.01421	.35097	.00327	5.4788	.00111
#2	116.83	.04911	.01465	.35372	.00329	5.4910	.00120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07086	.12868	.07086	191.29	4.7118	23.790	1.8732
SDev	.00022	.00097	.00028	.75	.0310	.137	.0078
%RSD	.31577	.74983	.40016	.39231	.65747	.57687	.41601
#1	.07102	.12800	.07066	190.76	4.6899	23.693	1.8677
#2	.07071	.12937	.07106	191.82	4.7337	23.887	1.8787
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39010	.15533	.09199	.07613	.08141	.00759	-.00408
SDev	.04021	.00006	.00274	.00222	.00057	.00479	.00030
%RSD	10.308	.03689	2.9808	2.9165	.69752	63.070	7.4010
#1	.36167	.15529	.09005	.07770	.08181	.00420	-.00386
#2	.41853	.15537	.09393	.07456	.08101	.01097	-.00429
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	.00986	1.1482	.00200	.15229	.45927	.01594
SDev	.00829	.00303	.0048	.00396	.00011	.00259	.00224
%RSD	272.22	30.776	.41617	198.05	.07235	.56464	14.021
#1	-.00282	.00771	1.1449	-.00080	.15221	.45743	.01436
#2	.00891	.01201	1.1516	.00480	.15236	.46110	.01752
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00058	.00427
SDev	.00057	.00114
%RSD	98.015	26.765
#1	-.00018	.00507
#2	-.00098	.00346
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6539	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0129786	--	--	--	--	--	--
#1	6538	--	--	--	--	--	--
#2	6540	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850402 Operator: TWS
Run Time: 09/05/08 15:12:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	130.06	.09882	.02772	.64194	.00592	34.135	.00091
SDev	.32	.00091	.00071	.00151	.00009	.111	.00034
%RSD	.24719	.92041	2.5556	.23476	1.4767	.32553	37.521
#1	130.29	.09946	.02822	.64301	.00598	34.213	.00116
#2	129.84	.09817	.02722	.64088	.00585	34.056	.00067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11757	.19157	.17584	286.60	11.996	53.266	3.9188
SDev	.00119	.00111	.00024	.85	.019	.149	.0099
%RSD	1.0078	.57997	.13566	.29628	.16230	.27903	.25363
#1	.11840	.19235	.17600	287.20	12.009	53.371	3.9259
#2	.11673	.19078	.17567	286.00	11.982	53.161	3.9118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49735	.29140	.12210	.10242	.10897	.00448	-.00128
SDev	.19886	.00079	.00345	.00087	.00173	.00005	.00528
%RSD	39.984	.27034	2.8283	.85360	1.5904	1.1445	412.25
#1	.63797	.29196	.12454	.10304	.11020	.00445	.00245
#2	.35673	.29085	.11965	.10181	.10775	.00452	-.00502
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	.00591	.69740	.00327	.17636	.60485	.02965
SDev	.00347	.00166	.01909	.00200	.00059	.00198	.00240
%RSD	212.07	28.065	2.7374	61.267	.33290	.32808	8.0956
#1	-.00082	.00708	.71090	.00185	.17678	.60626	.03135
#2	.00409	.00473	.68391	.00468	.17595	.60345	.02795
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00172	.00374
SDev	.00004	.00073
%RSD	2.4115	19.578
#1	-.00169	.00425
#2	-.00175	.00322
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5860	--	--	--	--	--	--
SDev	30.33481	--	--	--	--	--	--
%RSD	.5176147	--	--	--	--	--	--
#1	5839	--	--	--	--	--	--
#2	5882	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850403 Operator: TWS
Run Time: 09/05/08 15:19:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	154.07	.10791	.04864	.81272	.00734	39.160	.00040
SDev	.70	.00203	.00009	.00452	.00009	.112	.00012
%RSD	.45370	1.8820	.19036	.55623	1.2504	.28720	29.026
#1	154.56	.10935	.04871	.81592	.00741	39.239	.00049
#2	153.58	.10647	.04858	.80952	.00728	39.080	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14592	.22142	.18391	320.24	17.154	57.095	5.2426
SDev	.00050	.00104	.00050	1.22	.144	.301	.0253
%RSD	.34570	.47162	.27087	.37983	.84184	.52762	.48325
#1	.14627	.22216	.18426	321.10	17.256	57.308	5.2605
#2	.14556	.22068	.18356	319.38	17.051	56.882	5.2247
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86973	.32362	.16452	.14013	.14825	.00525	-.00203
SDev	.01785	.00262	.00086	.00022	.00043	.00413	.00148
%RSD	2.0520	.81088	.52528	.15476	.29168	78.591	72.881
#1	.85711	.32548	.16391	.13998	.14794	.00816	-.00308
#2	.88235	.32177	.16513	.14028	.14856	.00233	-.00099
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00763	1.2478	-.00320	.21845	.62564	.04066
SDev	.00550	.00894	.0457	.00434	.00062	.00201	.00220
%RSD	1150.1	117.07	3.6615	135.46	.28545	.32171	5.4181
#1	-.00341	.01395	1.2801	-.00627	.21889	.62706	.03910
#2	.00437	.00131	1.2155	-.00014	.21801	.62422	.04221
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00107	.00029
SDev	.00053	.00004
%RSD	49.410	12.465
#1	-.00070	.00031
#2	-.00145	.00026
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5845	--	--	--	--	--	--
SDev	43.38107	--	--	--	--	--	--
%RSD	.7421752	--	--	--	--	--	--
#1	5814	--	--	--	--	--	--
#2	5876	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850404 Operator: TWS
Run Time: 09/05/08 15:24:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	147.40	.10257	.04713	.76119	.00738	76.649	.00009
SDev	.07	.00228	.00119	.00145	.00005	.184	.00041
%RSD	.04413	2.2190	2.5175	.19027	.72484	.24025	442.25
#1	147.35	.10418	.04629	.76017	.00741	76.779	-.00020
#2	147.44	.10096	.04797	.76222	.00734	76.519	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13259	.21433	.15272	300.41	16.806	53.623	4.1609
SDev	.00038	.00066	.00073	.78	.101	.010	.0093
%RSD	.28446	.30654	.47941	.25981	.60298	.01865	.22455
#1	.13232	.21479	.15220	300.96	16.734	53.616	4.1543
#2	.13285	.21387	.15324	299.86	16.878	53.630	4.1675
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93141	.30479	.14486	.12473	.13144	.00328	-.00172
SDev	.20129	.00072	.00660	.00236	.00062	.00198	.00122
%RSD	21.611	.23517	4.5527	1.8940	.47198	60.518	71.272
#1	1.0737	.30529	.14952	.12306	.13188	.00468	-.00085
#2	.78907	.30428	.14020	.12641	.13100	.00188	-.00258
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00917	.00950	1.6291	.00211	.20971	.95149	.04619
SDev	.00104	.00245	.0412	.00239	.00042	.00022	.00160
%RSD	11.375	25.820	2.5303	113.27	.19935	.02279	3.4670
#1	-.00844	.01124	1.6583	.00380	.21001	.95164	.04732
#2	-.00991	.00777	1.6000	.00042	.20942	.95133	.04506
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	.00141
SDev	.00015	.00078
%RSD	1538.0	54.935
#1	-.00009	.00196
#2	.00011	.00086
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5597	--	--	--	--	--	--
SDev	10.92494	--	--	--	--	--	--
%RSD	.1951762	--	--	--	--	--	--
#1	5605	--	--	--	--	--	--
#2	5590	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850405 Operator: TWS
Run Time: 09/05/08 15:29:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.25	.07647	.03237	.50112	.00563	57.217	.00081
SDev	.24	.00012	.00305	.00432	.00015	.232	.00004
%RSD	.20454	.15727	9.4133	.86215	2.6142	.40626	4.8082
#1	115.08	.07639	.03022	.49806	.00553	57.052	.00079
#2	115.42	.07656	.03453	.50417	.00573	57.381	.00084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09589	.16413	.17780	249.82	11.149	41.759	3.8623
SDev	.00084	.00092	.00133	1.55	.318	.596	.0543
%RSD	.87211	.56297	.74757	.62007	2.8527	1.4274	1.4061
#1	.09530	.16348	.17686	248.72	10.924	41.338	3.8239
#2	.09648	.16479	.17874	250.91	11.374	42.181	3.9007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.77483	.23971	.13691	.11940	.12523	-.00036	.00253
SDev	.07946	.00022	.00428	.00098	.00208	.00032	.00268
%RSD	10.255	.09391	3.1236	.82373	1.6610	89.078	105.84
#1	.71864	.23987	.13389	.11871	.12376	-.00058	.00443
#2	.83102	.23955	.13994	.12010	.12670	-.00013	.00064
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00794	.00343	.95893	.00274	.16253	.57279	.04666
SDev	.00228	.00162	.01071	.00203	.00028	.00582	.00138
%RSD	28.776	47.150	1.1167	74.005	.17045	1.0166	2.9560
#1	-.00632	.00229	.95136	.00131	.16273	.56867	.04763
#2	-.00955	.00458	.96651	.00417	.16234	.57691	.04568
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00069	.00338
SDev	.00015	.00152
%RSD	22.243	44.900
#1	-.00080	.00230
#2	-.00059	.00445
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5475	--	--	--	--	--	--
SDev	38.82010	--	--	--	--	--	--
%RSD	.7091011	--	--	--	--	--	--
#1	5502	--	--	--	--	--	--
#2	5447	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850406 Operator: TWS
Run Time: 09/05/08 15:34:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.644	.02368	.03506	.25877	.00375	150.45	.00091
SDev	.061	.00061	.00056	.00076	.00002	.25	.00019
%RSD	.13329	2.5676	1.6031	.29528	.53288	.16649	20.557
#1	45.687	.02411	.03467	.25823	.00377	150.27	.00104
#2	45.601	.02325	.03546	.25931	.00374	150.62	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03048	.06087	.07476	84.497	8.5964	40.431	3.1705
SDev	.00028	.00076	.00091	.160	.0062	.073	.0058
%RSD	.90293	1.2457	1.2203	.18979	.07160	.18133	.18335
#1	.03029	.06034	.07541	84.384	8.5921	40.379	3.1664
#2	.03067	.06141	.07412	84.611	8.6008	40.483	3.1746
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1230	.06207	.04706	.04046	.04266	.00068	-.00297
SDev	.0387	.00055	.00132	.00078	.00008	.00215	.00254
%RSD	3.4451	.87827	2.8011	1.9299	.19198	314.83	85.543
#1	1.1504	.06169	.04799	.03991	.04260	.00220	-.00477
#2	1.0957	.06246	.04613	.04101	.04272	-.00084	-.00117
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00636	.00420	1.6420	.00012	.09482	.21451	.04738
SDev	.00570	.00038	.0169	.00515	.00028	.00173	.00195
%RSD	89.598	8.9215	1.0322	4207.9	.29732	.80887	4.1226
#1	-.00233	.00447	1.6540	-.00352	.09463	.21329	.04876
#2	-.01039	.00394	1.6300	.00376	.09502	.21574	.04599
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00082	.00170
SDev	.00009	.00098
%RSD	10.478	58.010
#1	-.00076	.00100
#2	-.00088	.00240
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5538	--	--	--	--	--	--
SDev	4.454635	--	--	--	--	--	--
%RSD	.0804441	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5541	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850406/L (1:5) Operator: TWS
Run Time: 09/05/08 15:39:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2754	.00471	.00593	.04624	.00092	26.768	-.00003
SDev	.0005	.00253	.00101	.00008	.00005	.108	.00030
%RSD	.00563	53.765	16.955	.16380	5.2493	.40425	960.82
#1	8.2758	.00649	.00522	.04619	.00096	26.844	.00018
#2	8.2751	.00292	.00664	.04630	.00089	26.691	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00563	.01021	.01304	15.172	1.4939	7.2066	.56945
SDev	.00026	.00070	.00076	.017	.0787	.0278	.00044
%RSD	4.6031	6.8457	5.8351	.11434	5.2651	.38525	.07739
#1	.00545	.01070	.01358	15.184	1.5496	7.2262	.56976
#2	.00581	.00971	.01250	15.160	1.4383	7.1869	.56914
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09778	.01070	.00610	.00982	.00858	-.00111	-.00605
SDev	.28543	.00030	.00778	.00177	.00141	.00022	.00188
%RSD	291.90	2.7580	127.51	18.000	16.464	19.414	31.012
#1	.29961	.01049	.01161	.00857	.00958	-.00126	-.00473
#2	-.10405	.01091	.00060	.01107	.00758	-.00096	-.00738
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00910	.00288	.30773	-.00003	.01687	.03974	.00864
SDev	.01496	.00780	.00634	.00384	.00098	.00034	.00258
%RSD	164.45	270.93	2.0616	14886.	5.7822	.86824	29.882
#1	.00148	-.00264	.31222	.00269	.01618	.03950	.01046
#2	-.01968	.00840	.30325	-.00274	.01756	.03998	.00681
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00062	.00016
SDev	.00028	.00251
%RSD	45.577	1575.2
#1	-.00083	.00193
#2	-.00042	-.00161
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6147	--	--	--	--	--	--
SDev	4.879313	--	--	--	--	--	--
%RSD	.0793713	--	--	--	--	--	--
#1	6151	--	--	--	--	--	--
#2	6144	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850406/PS Operator: TWS
Run Time: 09/05/08 15:44:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.803	.48869	.48445	.70959	.48384	169.04	.46454
SDev	.054	.00253	.00171	.00021	.00006	.05	.00001
%RSD	.08115	.51709	.35333	.02970	.01290	.03189	.00101
#1	66.841	.49047	.48324	.70974	.48389	169.00	.46454
#2	66.765	.48690	.48566	.70944	.48380	169.08	.46455
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49741	.53582	.54940	104.57	31.584	62.592	3.4802
SDev	.00001	.00069	.00044	.04	.014	.025	.0013
%RSD	.00113	.12883	.08037	.03899	.04423	.04001	.03627
#1	.49741	.53534	.54972	104.59	31.574	62.610	3.4793
#2	.49741	.53631	.54909	104.54	31.594	62.575	3.4811
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.054	.52575	.50687	.50265	.50406	.45335	.47099
SDev	.104	.00042	.00193	.00029	.00084	.00306	.00690
%RSD	.43176	.07932	.38022	.05799	.16589	.67543	1.4649
#1	24.127	.52545	.50551	.50245	.50347	.45118	.47587
#2	23.980	.52604	.50823	.50286	.50465	.45551	.46611
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45277	.45364	2.0738	.44982	.57200	.66940	.47243
SDev	.00154	.00382	.0161	.00132	.00062	.00192	.00068
%RSD	.33994	.84285	.77599	.29333	.10870	.28637	.14320
#1	.45168	.45094	2.0851	.45076	.57156	.67076	.47195
#2	.45386	.45635	2.0624	.44889	.57244	.66805	.47291
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.11630	.48489
SDev	.00014	.00264
%RSD	.12196	.54402
#1	.11620	.48302
#2	.11640	.48676
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5620	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0452971	--	--	--	--	--	--
#1	5622	--	--	--	--	--	--
#2	5618	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850407/MS Operator: TWS
Run Time: 09/05/08 15:49:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.786	.40401	.39505	.56108	.39026	189.72	.37578
SDev	.021	.00230	.00090	.00225	.00213	.40	.00004
%RSD	.04286	.57035	.22897	.40116	.54654	.21225	.01034
#1	49.801	.40238	.39569	.55949	.38875	190.00	.37581
#2	49.771	.40564	.39441	.56268	.39177	189.43	.37576
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40592	.42565	.46341	83.636	24.702	60.530	3.4608
SDev	.00053	.00036	.00175	.080	.376	.198	.0183
%RSD	.12984	.08565	.37682	.09576	1.5221	.32698	.52971
#1	.40555	.42591	.46217	83.693	24.436	60.390	3.4478
#2	.40629	.42539	.46464	83.579	24.968	60.670	3.4737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.479	.43405	.41567	.41716	.41666	.37421	.29761
SDev	.146	.00129	.00331	.00192	.00017	.00255	.00014
%RSD	.71250	.29806	.79747	.45923	.04175	.68087	.04568
#1	20.375	.43497	.41333	.41851	.41679	.37241	.29752
#2	20.582	.43314	.41801	.41580	.41654	.37602	.29771
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37390	.37437	1.2575	.36760	.44711	.53342	.39976
SDev	.00683	.00040	.0068	.00153	.00090	.00049	.00164
%RSD	1.8276	.10823	.53693	.41621	.20086	.09236	.40955
#1	.36907	.37409	1.2527	.36651	.44774	.53307	.39861
#2	.37873	.37466	1.2623	.36868	.44647	.53377	.40092
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.09941	.38624
SDev	.00040	.00107
%RSD	.40027	.27624
#1	.09913	.38699
#2	.09969	.38548
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6565	--	--	--	--	--	--
SDev	43.80506	--	--	--	--	--	--
%RSD	.6672387	--	--	--	--	--	--
#1	6596	--	--	--	--	--	--
#2	6534	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850408/SD Operator: TWS
Run Time: 09/05/08 15:54:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.322	.47086	.45957	.69002	.47098	202.31	.43922
SDev	.036	.00020	.00227	.00283	.00209	.31	.00102
%RSD	.05869	.04154	.49363	.40958	.44438	.15390	.23149
#1	61.296	.47072	.45797	.68802	.46950	202.09	.43994
#2	61.347	.47100	.46117	.69202	.47246	202.53	.43850
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48094	.51092	.53834	100.89	28.770	67.953	4.1882
SDev	.00013	.00304	.00126	.31	.131	.279	.0076
%RSD	.02773	.59494	.23342	.30819	.45551	.41127	.18027
#1	.48104	.50877	.53745	100.67	28.677	67.756	4.1828
#2	.48085	.51307	.53923	101.11	28.862	68.151	4.1935
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.377	.51574	.48306	.47478	.47754	.43257	.37639
SDev	.060	.00288	.00100	.00301	.00234	.00558	.00271
%RSD	.25645	.55897	.20742	.63357	.49002	1.2901	.71944
#1	23.420	.51370	.48235	.47265	.47588	.42863	.37448
#2	23.335	.51778	.48377	.47690	.47919	.43652	.37831
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42709	.43532	1.6287	.43145	.53286	.61244	.48866
SDev	.00319	.00678	.0255	.00094	.00066	.00138	.00239
%RSD	.74650	1.5568	1.5651	.21899	.12413	.22535	.48980
#1	.42484	.43053	1.6467	.43211	.53239	.61146	.48697
#2	.42935	.44011	1.6106	.43078	.53333	.61341	.49035
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.11363	.46693
SDev	.00056	.00092
%RSD	.49060	.19637
#1	.11402	.46628
#2	.11323	.46758
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5605	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0567714	--	--	--	--	--	--
#1	5607	--	--	--	--	--	--
#2	5603	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 04:07:26 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 16:02:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.065	.50498	.50207	.50937	.53168	26.036	.50858
SDev	.011	.00180	.00145	.00309	.00373	.017	.00192
%RSD	.04347	.35749	.28913	.60721	.70224	.06515	.37798
#1	25.073	.50370	.50309	.50719	.52904	26.024	.50993
#2	25.058	.50626	.50104	.51156	.53432	26.048	.50722
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50989	.53600	.51530	25.686	26.711	26.564	.53649
SDev	.00026	.00350	.00008	.081	.400	.193	.00244
%RSD	.05010	.65254	.01498	.31376	1.4966	.72705	.45523
#1	.51007	.53353	.51536	25.629	26.429	26.428	.53477
#2	.50971	.53847	.51525	25.743	26.994	26.701	.53822
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.217	.52397	.52073	.52217	.52169	.52167	.51360
SDev	.006	.00171	.00194	.00309	.00271	.00677	.00392
%RSD	.02572	.32621	.37253	.59200	.51906	1.2967	.76265
#1	25.212	.52276	.51936	.51998	.51977	.51689	.51083
#2	25.221	.52518	.52210	.52435	.52360	.52645	.51637
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53022	.51741	.52461	.50069	.51225	.52824	.51774
SDev	.01006	.00512	.00098	.00241	.00034	.00147	.00099
%RSD	1.8977	.98881	.18617	.48183	.06531	.27849	.19158
#1	.52310	.51379	.52530	.49898	.51202	.52720	.51844
#2	.53733	.52102	.52391	.50239	.51249	.52928	.51703
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51775	.51657
SDev	.00149	.00095
%RSD	.28819	.18353
#1	.51881	.51724
#2	.51670	.51590
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6241	--	--	--	--	--	--
SDev	13.68224	--	--	--	--	--	--
%RSD	.2192429	--	--	--	--	--	--
#1	6250	--	--	--	--	--	--
#2	6231	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 16:07:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00371	.00072	-.00005	.00016	.00039	.02528	.00011
SDev	.00819	.00016	.00004	.00006	.00006	.00702	.00023
%RSD	220.81	21.744	80.629	36.606	14.908	27.771	208.75
#1	.00950	.00083	-.00007	.00012	.00043	.03024	.00027
#2	-.00208	.00061	-.00002	.00020	.00035	.02031	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.00017	.00076	.02742	-.00682	.01426	.00039
SDev	.00005	.00097	.00041	.00556	.02009	.00120	.00014
%RSD	8.5481	587.69	53.552	20.284	294.55	8.4497	34.997
#1	.00052	.00085	.00105	.02349	.00739	.01511	.00049
#2	.00059	-.00052	.00047	.03135	-.02103	.01340	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10183	-.00014	-.00018	.00099	.00060	.00132	-.00500
SDev	.02493	.00026	.00123	.00110	.00033	.00088	.00105
%RSD	24.484	183.74	692.52	110.92	54.107	66.945	20.972
#1	-.08420	.00004	.00069	.00021	.00037	.00069	-.00574
#2	-.11946	-.00033	-.00105	.00178	.00084	.00194	-.00426
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00216	.00009	.00038	.00035	.00027	-.00052
SDev	.00007	.00129	.00002	.00008	.00031	.00045	.00105
%RSD	18.398	59.736	25.918	21.761	90.019	168.36	200.15
#1	-.00041	.00125	.00011	.00044	.00013	.00058	.00022
#2	-.00032	.00307	.00007	.00032	.00057	-.00005	-.00127
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00006	.00133
SDev	.00020	.00081
%RSD	311.01	61.267
#1	.00021	.00075
#2	-.00008	.00190
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6354	--	--	--	--	--	--
SDev	16.22824	--	--	--	--	--	--
%RSD	.2554050	--	--	--	--	--	--
#1	6365	--	--	--	--	--	--
#2	6342	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850409 Operator: TWS
Run Time: 09/05/08 16:12:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.904	.04094	.08603	.37210	.00428	29.864	.00114
SDev	.033	.00007	.00016	.00052	.00003	.077	.00034
%RSD	.06262	.16978	.18759	.14014	.77955	.25938	30.299
#1	51.881	.04089	.08614	.37173	.00426	29.809	.00090
#2	51.927	.04099	.08592	.37247	.00431	29.919	.00138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03077	.07562	.16831	158.01	7.7838	14.886	3.1513
SDev	.00076	.00007	.00015	.45	.0276	.064	.0079
%RSD	2.4808	.09372	.08946	.28665	.35511	.42804	.25140
#1	.03023	.07567	.16821	157.69	7.7642	14.841	3.1457
#2	.03131	.07557	.16842	158.33	7.8033	14.931	3.1569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3142	.08424	.13531	.13070	.13223	.00118	.00074
SDev	.0752	.00113	.00092	.00096	.00095	.00382	.00037
%RSD	5.7190	1.3430	.68295	.73598	.71791	324.50	50.424
#1	1.3674	.08344	.13597	.13138	.13291	-.00152	.00048
#2	1.2611	.08504	.13466	.13002	.13156	.00388	.00100
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00304	.00329	1.7489	.00003	.12837	.92945	.05532
SDev	.00275	.00435	.0031	.00330	.00045	.00259	.00167
%RSD	90.426	132.47	.17790	13193.	.34885	.27909	3.0139
#1	-.00499	.00021	1.7511	-.00231	.12869	.92762	.05414
#2	-.00110	.00637	1.7467	.00236	.12806	.93129	.05649
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00074	.00639
SDev	.00018	.00086
%RSD	24.566	13.431
#1	-.00087	.00700
#2	-.00061	.00578
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5881	--	--	--	--	--	--
SDev	10.18227	--	--	--	--	--	--
%RSD	.1731457	--	--	--	--	--	--
#1	5888	--	--	--	--	--	--
#2	5874	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850410 Operator: TWS
Run Time: 09/05/08 16:17:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.970	.03486	.05389	.18012	.00325	11.826	.00069
SDev	.145	.00076	.00055	.00164	.00006	.050	.00006
%RSD	.33745	2.1878	1.0210	.90900	1.8410	.42121	8.1523
#1	42.867	.03540	.05428	.17896	.00321	11.791	.00073
#2	43.072	.03432	.05351	.18128	.00329	11.862	.00065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03112	.09421	.39693	134.82	6.6267	9.7350	1.9820
SDev	.00012	.00004	.00216	.84	.1177	.0988	.0178
%RSD	.38900	.04676	.54456	.62478	1.7755	1.0148	.89979
#1	.03121	.09418	.39540	134.22	6.5435	9.6652	1.9694
#2	.03103	.09424	.39846	135.42	6.7099	9.8049	1.9947
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90425	.13520	.10819	.10109	.10345	.00598	.00421
SDev	.07442	.00123	.00200	.00147	.00165	.00104	.00113
%RSD	8.2296	.90816	1.8507	1.4535	1.5918	17.433	26.809
#1	.95687	.13433	.10961	.10213	.10462	.00672	.00341
#2	.85163	.13607	.10678	.10005	.10229	.00524	.00500
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	.00932	1.1005	.00180	.08998	.24591	.06568
SDev	.00102	.00106	.0039	.00026	.00024	.00288	.00098
%RSD	148.00	11.343	.35258	14.432	.27064	1.1701	1.4878
#1	.00003	.01006	1.0977	.00162	.09016	.24388	.06637
#2	-.00140	.00857	1.1032	.00198	.08981	.24795	.06499
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00076	.01059
SDev	.00000	.00059
%RSD	.48124	5.5380
#1	-.00076	.01017
#2	-.00077	.01100
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5573	--	--	--	--	--	--
SDev	18.13757	--	--	--	--	--	--
%RSD	.3254353	--	--	--	--	--	--
#1	5586	--	--	--	--	--	--
#2	5560	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850411 Operator: TWS
Run Time: 09/05/08 16:23:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.333	.01332	.02147	.16534	.00220	63.549	.00083
SDev	.053	.00039	.00209	.00023	.00006	.299	.00017
%RSD	.51175	2.8969	9.7418	.13650	2.7131	.47062	20.986
#1	10.371	.01304	.01999	.16550	.00225	63.761	.00071
#2	10.296	.01359	.02295	.16518	.00216	63.338	.00096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07136	.13551	.13563	56.149	2.0823	28.548	1.5497
SDev	.00069	.00139	.00097	.254	.0049	.088	.0027
%RSD	.96965	1.0226	.71691	.45162	.23523	.30705	.17263
#1	.07087	.13649	.13632	56.328	2.0858	28.610	1.5516
#2	.07185	.13453	.13494	55.970	2.0789	28.486	1.5478
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48332	.08405	.44344	.45347	.45013	.00186	.00094
SDev	.17130	.00089	.01400	.00318	.00254	.00074	.00303
%RSD	35.442	1.0616	3.1574	.70068	.56496	39.751	322.84
#1	.60444	.08342	.45334	.45123	.45193	.00134	.00308
#2	.36219	.08468	.43354	.45572	.44833	.00238	-.00121
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01372	.00965	.57655	-.00124	.03576	.25197	.06822
SDev	.00996	.00609	.00816	.00447	.00073	.00022	.00049
%RSD	72.603	63.102	1.4149	359.38	2.0540	.08909	.71996
#1	-.00668	.00535	.58232	-.00441	.03524	.25181	.06788
#2	-.02077	.01396	.57078	.00192	.03628	.25212	.06857
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00056	.01376
SDev	.00093	.00028
%RSD	166.84	2.0140
#1	-.00010	.01396
#2	.00122	.01356
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5486	--	--	--	--	--	--
SDev	1.166657	--	--	--	--	--	--
%RSD	.0212642	--	--	--	--	--	--
#1	5487	--	--	--	--	--	--
#2	5486	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850412 Operator: TWS
Run Time: 09/05/08 16:28:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.787	.08997	.10878	.59764	.00666	369.90	.00267
SDev	.165	.00208	.00143	.00673	.00008	1.17	.00051
%RSD	.48918	2.3095	1.3179	1.1268	1.2685	.31677	19.044
#1	33.670	.08850	.10777	.59288	.00660	369.07	.00231
#2	33.903	.09144	.10980	.60240	.00672	370.72	.00303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04872	.06523	.30757	293.47	7.8688	116.78	2.6614
SDev	.00006	.00084	.00223	1.50	.2105	1.40	.0343
%RSD	.11805	1.2889	.72561	.51018	2.6749	1.2021	1.2886
#1	.04867	.06463	.30599	292.41	7.7200	115.79	2.6371
#2	.04876	.06582	.30915	294.53	8.0176	117.77	2.6856
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1919	.13625	.80549	.81533	.81205	.01441	.00722
SDev	.0204	.00032	.00505	.00285	.00359	.00622	.00036
%RSD	1.7098	.23881	.62704	.35018	.44163	43.181	4.9772
#1	1.2063	.13602	.80192	.81331	.80952	.01881	.00696
#2	1.1775	.13648	.80906	.81735	.81459	.01001	.00747
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00411	.01956	1.6649	.00209	.11856	.56947	.08982
SDev	.00486	.00690	.0224	.00059	.00020	.00433	.00140
%RSD	118.32	35.297	1.3445	28.008	.17235	.76073	1.5558
#1	.00754	.02444	1.6491	.00250	.11842	.56641	.08883
#2	.00067	.01468	1.6808	.00167	.11871	.57253	.09080
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	.02429
SDev	.00029	.00010
%RSD	354.70	.41041
#1	.00013	.02436
#2	-.00029	.02422
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5463	--	--	--	--	--	--
SDev	26.30451	--	--	--	--	--	--
%RSD	.4814633	--	--	--	--	--	--
#1	5482	--	--	--	--	--	--
#2	5445	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850413 Operator: TWS
Run Time: 09/05/08 16:33:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.919	.14598	.05923	1.1057	.00421	289.41	.01369
SDev	.127	.00140	.00031	.0086	.00006	1.43	.00001
%RSD	.40923	.96123	.52260	.78023	1.3362	.49362	.04945
#1	30.830	.14499	.05901	1.0996	.00417	288.40	.01369
#2	31.009	.14697	.05945	1.1118	.00425	290.42	.01370
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06023	.11204	1.0943	240.29	5.9234	90.405	3.9354
SDev	.00007	.00216	.0017	1.20	.0729	.385	.0086
%RSD	.12421	1.9272	.15238	.49740	1.2303	.42641	.21978
#1	.06028	.11051	1.0931	239.44	5.8719	90.132	3.9293
#2	.06018	.11356	1.0955	241.13	5.9750	90.677	3.9415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2110	.15302	4.4559	4.5542	4.5215	.01368	.08888
SDev	.1741	.00106	.0230	.0262	.0251	.00089	.00071
%RSD	14.377	.69093	.51699	.57476	.55580	6.4699	.79433
#1	1.3341	.15227	4.4397	4.5357	4.5037	.01431	.08938
#2	1.0879	.15376	4.4722	4.5727	4.5393	.01305	.08838
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01334	.01385	1.3335	.00686	.10471	8.3615	.18856
SDev	.00024	.00145	.0021	.00269	.00016	.0439	.00213
%RSD	1.7734	10.441	.15491	39.255	.15013	.52500	1.1280
#1	.01318	.01487	1.3321	.00877	.10482	8.3304	.19006
#2	.01351	.01283	1.3350	.00496	.10460	8.3925	.18705
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00014	.01309
SDev	.00010	.00132
%RSD	70.635	10.082
#1	.00007	.01216
#2	.00021	.01403
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6416	--	--	--	--	--	--
SDev	18.98589	--	--	--	--	--	--
%RSD	.2959343	--	--	--	--	--	--
#1	6429	--	--	--	--	--	--
#2	6402	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850292/PB Operator: TWS
Run Time: 09/05/08 16:41:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00758	.00112	.00458	.00014	-.00001	.08996	-.00006
SDev	.00089	.00102	.00008	.00004	.00001	.00054	.00020
%RSD	11.775	91.392	1.8092	26.643	74.983	.60244	348.24
#1	-.00821	.00184	.00453	.00011	-.00002	.08958	.00008
#2	-.00695	.00040	.00464	.00017	-.00001	.09034	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00024	.00100	.00471	-.02296	.00485	.00016
SDev	.00001	.00051	.00010	.00270	.01633	.00369	.00010
%RSD	18.189	208.41	10.020	57.257	71.116	76.025	62.415
#1	.00007	-.00060	.00107	.00662	-.03450	.00224	.00009
#2	.00009	.00012	.00093	.00280	-.01141	.00746	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04191	.00035	.00144	-.00041	.00021	-.00133	-.00154
SDev	.12364	.00003	.00097	.00056	.00070	.00002	.00218
%RSD	295.03	9.8896	67.719	137.68	337.21	1.5957	141.38
#1	.04552	.00033	.00075	-.00081	-.00029	-.00132	-.00308
#2	-.12933	.00037	.00213	-.00001	.00070	-.00135	-.00000
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	-.00284	-.00030	.00149	-.00074	.00222	.00184
SDev	.00226	.00116	.00008	.00116	.00000	.00001	.00143
%RSD	133.51	40.777	27.014	77.841	.04061	.54580	77.738
#1	.00009	-.00202	-.00036	.00231	-.00074	.00221	.00285
#2	.00328	-.00366	-.00024	.00067	-.00074	.00222	.00083
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00080	-.00026
SDev	.00043	.00103
%RSD	53.868	399.26
#1	-.00110	-.00098
#2	-.00049	.00047
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6481	--	--	--	--	--	--
SDev	19.94020	--	--	--	--	--	--
%RSD	.3076551	--	--	--	--	--	--
#1	6495	--	--	--	--	--	--
#2	6467	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850291/FB Operator: TWS
Run Time: 09/05/08 16:46:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8646	.20804	.20264	.20193	.20702	10.264	.20140
SDev	.0159	.00131	.00064	.00037	.00040	.009	.00030
%RSD	.16165	.63203	.31749	.18385	.19140	.08470	.14676
#1	9.8759	.20897	.20309	.20167	.20674	10.271	.20161
#2	9.8534	.20711	.20218	.20219	.20730	10.258	.20119
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20322	.20490	.20464	10.153	10.617	10.363	.20538
SDev	.00110	.00028	.00035	.004	.023	.019	.00018
%RSD	.54161	.13526	.16965	.04177	.21251	.17930	.08856
#1	.20400	.20471	.20488	10.156	10.601	10.350	.20525
#2	.20245	.20510	.20439	10.150	10.633	10.376	.20551
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.217	.20316	.20457	.20591	.20546	.20287	.20045
SDev	.156	.00010	.00191	.00135	.00153	.00487	.00005
%RSD	1.5280	.05115	.93161	.65541	.74699	2.3994	.02379
#1	10.327	.20323	.20322	.20496	.20438	.20632	.20041
#2	10.106	.20308	.20592	.20686	.20655	.19943	.20048
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20636	.20113	.20252	.19754	.20157	.20512	.20502
SDev	.00233	.00847	.00008	.00114	.00034	.00018	.00030
%RSD	1.1306	4.2102	.03839	.57793	.16988	.08836	.14413
#1	.20471	.20712	.20247	.19835	.20181	.20525	.20523
#2	.20801	.19515	.20258	.19673	.20133	.20500	.20482
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05166	.20676
SDev	.00067	.00063
%RSD	1.2934	.30389
#1	.05213	.20631
#2	.05118	.20720
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6478	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0556736	--	--	--	--	--	--
#1	6480	--	--	--	--	--	--
#2	6475	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850273 Operator: TWS
Run Time: 09/05/08 16:51:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00252	.00012	.00471	.00013	-.00001	.51692	-.00019
SDev	.01182	.00069	.00015	.00002	.00002	.00174	.00016
%RSD	469.79	570.84	3.1250	15.098	224.06	.33689	84.563
#1	.00584	.00061	.00482	.00011	-.00003	.51569	-.00007
#2	-.01087	-.00037	.00461	.00014	.00001	.51815	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00038	.00116	.00661	-.00899	.09845	.00021
SDev	.00032	.00020	.00048	.00722	.00592	.00681	.00010
%RSD	210.28	53.030	41.719	109.23	65.849	6.9189	48.649
#1	.00037	.00052	.00082	.01171	-.01318	.09363	.00014
#2	-.00007	.00024	.00150	.00150	-.00481	.10326	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00275	-.00016	-.00122	.00152	.00060	-.00148	-.00271
SDev	.07424	.00041	.00051	.00092	.00078	.00349	.00368
%RSD	2699.1	254.83	41.993	60.611	129.44	235.30	135.58
#1	.05524	.00013	-.00086	.00216	.00116	-.00395	-.00011
#2	-.04974	-.00045	-.00158	.00087	.00005	.00099	-.00532
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	-.00262	-.00017	-.00103	-.00010	.00371	-.00194
SDev	.00576	.00236	.00001	.00032	.00000	.00033	.00105
%RSD	733.83	90.020	7.4371	31.019	4.4490	8.9713	54.345
#1	-.00329	-.00429	-.00016	-.00080	-.00010	.00348	-.00120
#2	.00486	-.00095	-.00018	-.00125	-.00009	.00395	-.00269
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00050	.00024
SDev	.00033	.00146
%RSD	66.241	596.01
#1	-.00026	-.00079
#2	-.00073	.00128
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6443	--	--	--	--	--	--
SDev	42.32041	--	--	--	--	--	--
%RSD	.6568865	--	--	--	--	--	--
#1	6473	--	--	--	--	--	--
#2	6413	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850274 Operator: TWS
Run Time: 09/05/08 16:56:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01476	.00237	.03241	.04627	.00015	49.651	-.00030
SDev	.00330	.00180	.00103	.00071	.00009	.553	.00013
%RSD	22.389	75.989	3.1897	1.5253	60.922	1.1145	42.770
#1	-.01710	.00364	.03168	.04577	.00009	49.260	-.00021
#2	-.01242	.00110	.03314	.04676	.00022	50.043	-.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00049	.00302	-.00069	1.8004	26.866	.00099
SDev	.00023	.00029	.00024	.00749	.0308	.317	.00001
%RSD	80.415	59.466	7.8032	1080.8	1.7116	1.1808	.92011
#1	.00045	.00069	.00285	.00460	1.7786	26.642	.00099
#2	.00012	.00028	.00319	-.00599	1.8221	27.090	.00100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	222.39	.00125	.00057	-.00112	-.00056	.00264	-.00115
SDev	1.63	.00007	.00017	.00186	.00119	.00160	.00120
%RSD	.73351	5.2653	30.251	166.66	213.14	60.689	104.84
#1	221.23	.00130	.00045	.00020	.00028	.00377	-.00030
#2	223.54	.00121	.00069	-.00244	-.00140	.00151	-.00200
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.00262	-.00026	-.00109	-.00008	.00258	-.00123
SDev	.00057	.00269	.00016	.00102	.00031	.00034	.00018
%RSD	21.151	102.60	61.581	93.373	377.99	13.306	14.848
#1	.00228	.00452	-.00015	-.00181	.00014	.00233	-.00136
#2	.00308	.00072	-.00037	-.00037	-.00030	.00282	-.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00118	.00337
SDev	.00028	.00263
%RSD	23.458	78.011
#1	-.00138	.00522
#2	-.00098	.00151
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6255	--	--	--	--	--	--
SDev	51.44202	--	--	--	--	--	--
%RSD	.8224242	--	--	--	--	--	--
#1	6291	--	--	--	--	--	--
#2	6219	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850275 Operator: TWS
Run Time: 09/05/08 17:01:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00708	.00684	.08550	.14775	.00001	34.937	-.00011
SDev	.00019	.00064	.00062	.00165	.00009	.339	.00000
%RSD	2.6764	9.3057	.72523	1.1170	735.46	.97136	.96870
#1	-.00721	.00639	.08506	.14658	-.00005	34.697	-.00011
#2	-.00694	.00729	.08594	.14892	.00007	35.177	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	-.00028	.00241	.02189	2.4228	54.991	.15065
SDev	.00042	.00111	.00016	.00739	.0497	.647	.00184
%RSD	140.42	390.61	6.8375	33.770	2.0527	1.1759	1.2206
#1	.00000	-.00107	.00229	.01667	2.3877	54.533	.14935
#2	.00060	.00050	.00253	.02712	2.4580	55.448	.15195
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.154	.00049	-.00036	.00144	.00084	-.00097	-.00023
SDev	.235	.00046	.00011	.00007	.00001	.00105	.00054
%RSD	.83481	95.044	30.995	4.9299	1.2549	108.59	234.73
#1	27.987	.00016	-.00043	.00149	.00085	-.00023	.00015
#2	28.320	.00082	-.00028	.00139	.00083	-.00171	-.00061
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	-.00255	.00070	.00075	.00088	.02077	-.00072
SDev	.00353	.00019	.00001	.00061	.00014	.00060	.00204
%RSD	160.83	7.2618	.98130	81.293	16.195	2.8939	283.01
#1	.00469	-.00268	.00071	.00032	.00099	.02035	-.00217
#2	-.00030	-.00242	.00070	.00118	.00078	.02120	.00072
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00070	.00564
SDev	.00011	.00089
%RSD	15.091	15.779
#1	-.00078	.00501
#2	-.00063	.00626
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6412	--	--	--	--	--	--
SDev	43.27473	--	--	--	--	--	--
%RSD	.6748495	--	--	--	--	--	--
#1	6443	--	--	--	--	--	--
#2	6382	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 05:14:39 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 17:09:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.961	.50391	.50053	.50827	.53228	25.880	.50400
SDev	.038	.00136	.00036	.00082	.00038	.005	.00015
%RSD	.15319	.26885	.07232	.16045	.07108	.01963	.02868
#1	24.988	.50295	.50028	.50885	.53255	25.883	.50390
#2	24.934	.50486	.50079	.50770	.53201	25.876	.50411
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50939	.53365	.51573	25.527	26.521	26.516	.52840
SDev	.00060	.00084	.00016	.031	.120	.005	.00043
%RSD	.11701	.15663	.03150	.11988	.45240	.01798	.08110
#1	.50981	.53424	.51561	25.548	26.606	26.519	.52870
#2	.50897	.53306	.51584	25.505	26.436	26.512	.52809
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.302	.51899	.51757	.52164	.52028	.51944	.51037
SDev	.165	.00065	.00126	.00065	.00086	.00118	.00022
%RSD	.65094	.12577	.24378	.12527	.16453	.22773	.04371
#1	25.185	.51853	.51846	.52210	.52089	.52028	.51053
#2	25.418	.51945	.51668	.52118	.51968	.51861	.51022
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51765	.52035	.52426	.49394	.50976	.52633	.51074
SDev	.00311	.00333	.00004	.00134	.00031	.00171	.00068
%RSD	.59995	.63943	.00834	.27028	.06092	.32423	.13216
#1	.51545	.52270	.52423	.49488	.50954	.52512	.51026
#2	.51984	.51799	.52429	.49299	.50998	.52753	.51122
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51785	.51927
SDev	.00008	.00023
%RSD	.01498	.04486
#1	.51780	.51911
#2	.51791	.51944
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6266	--	--	--	--	--	--
SDev	5.727289	--	--	--	--	--	--
%RSD	.0914055	--	--	--	--	--	--
#1	6270	--	--	--	--	--	--
#2	6262	--	--	--	--	--	--

Analysis Report Blank Sample 09/05/08 05:19:43 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 17:14:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02963	.00150	-.00096	.00006	.00028	.00675	-.00005
SDev	.00568	.00085	.00029	.00004	.00004	.00127	.00005
%RSD	19.177	56.903	30.349	60.626	15.811	18.830	90.054
#1	-.03365	.00090	-.00116	.00004	.00025	.00585	-.00002
#2	-.02561	.00211	-.00075	.00009	.00031	.00765	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00007	.00089	-.00567	-.03377	.00654	.00012
SDev	.00028	.00021	.00008	.02113	.00254	.00219	.00003
%RSD	199.25	318.39	9.3271	372.76	7.5098	33.466	28.084
#1	-.00006	-.00008	.00094	-.02061	-.03198	.00500	.00015
#2	.00034	.00021	.00083	.00927	-.03556	.00809	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05725	-.00016	.00043	.00201	.00149	.00259	-.00137
SDev	.07547	.00016	.00430	.00134	.00233	.00341	.00338
%RSD	131.83	98.528	993.49	66.688	156.54	131.49	247.22
#1	-.11062	-.00005	.00347	.00296	.00313	.00018	-.00376
#2	-.00388	-.00027	-.00261	.00106	-.00016	.00500	.00102
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00281	.00529	-.00017	-.00114	-.00053	.00027	-.00009
SDev	.00529	.00776	.00020	.00240	.00031	.00015	.00000
%RSD	188.31	146.56	118.76	210.84	58.287	56.312	.49172
#1	.00093	-.00019	-.00031	.00056	-.00075	.00016	-.00009
#2	-.00655	.01078	-.00003	-.00284	-.00031	.00038	-.00008
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00072	.00146
SDev	.00042	.00195
%RSD	59.049	133.45
#1	-.00102	.00284
#2	-.00042	.00008
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6343	--	--	--	--	--	--
SDev	.9543179	--	--	--	--	--	--
%RSD	.0150442	--	--	--	--	--	--
#1	6343	--	--	--	--	--	--
#2	6344	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850275/L (1:5) Operator: TWS
Run Time: 09/05/08 17:19:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02623	.00283	.01654	.02972	.00021	7.0768	-.00005
SDev	.01222	.00111	.00056	.00023	.00007	.0138	.00012
%RSD	46.582	39.197	3.3952	.79091	31.115	.19551	255.69
#1	-.01759	.00204	.01693	.02955	.00026	7.0671	-.00014
#2	-.03486	.00361	.01614	.02989	.00017	7.0866	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	-.00001	.00186	.00362	.43809	10.956	.03030
SDev	.00000	.00019	.00013	.00831	.01107	.066	.00018
%RSD	.03451	1388.6	6.9079	229.50	2.5280	.60024	.58827
#1	.00084	.00012	.00177	.00949	.44592	10.910	.03017
#2	.00084	-.00015	.00195	-.00225	.43026	11.003	.03042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.7076	.00048	.00082	.00031	.00048	.00168	.00160
SDev	.0215	.00027	.00177	.00089	.00001	.00243	.00092
%RSD	.37659	56.441	215.62	285.66	1.4678	144.52	57.367
#1	5.7228	.00029	-.00043	.00095	.00049	-.00004	.00095
#2	5.6924	.00068	.00207	-.00032	.00048	.00340	.00225
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00220	-.00017	-.00107	.00013	.00415	-.00101
SDev	.00100	.00315	.00035	.00256	.00031	.00048	.00085
%RSD	154.96	142.99	202.34	240.04	234.41	11.664	84.926
#1	-.00006	-.00002	.00007	-.00287	.00035	.00381	-.00040
#2	.00135	.00443	-.00042	.00074	-.00009	.00449	-.00161
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00056	.00129
SDev	.00014	.00143
%RSD	25.007	110.53
#1	-.00046	.00230
#2	-.00066	.00028
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6312	--	--	--	--	--	--
SDev	29.80448	--	--	--	--	--	--
%RSD	.4721707	--	--	--	--	--	--
#1	6333	--	--	--	--	--	--
#2	6291	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850275/PS Operator: TWS
Run Time: 09/05/08 17:24:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.172	.21816	.28674	.35903	.22021	45.248	.20321
SDev	.005	.00073	.00043	.00015	.00030	.045	.00026
%RSD	.04620	.33487	.15132	.04235	.13567	.10023	.12800
#1	10.175	.21764	.28705	.35892	.22000	45.216	.20302
#2	10.168	.21867	.28644	.35914	.22042	45.280	.20339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20813	.21373	.21301	10.555	14.031	66.062	.36444
SDev	.00019	.00025	.00013	.015	.017	.035	.00030
%RSD	.09206	.11676	.05928	.13990	.12381	.05287	.08203
#1	.20827	.21391	.21292	10.544	14.019	66.037	.36422
#2	.20799	.21355	.21310	10.565	14.043	66.086	.36465
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.311	.21009	.20850	.21093	.21012	.20990	.20965
SDev	.112	.00031	.00156	.00063	.00010	.00370	.00069
%RSD	.29147	.14599	.74901	.29898	.04731	1.7633	.32762
#1	38.232	.20987	.20740	.21137	.21005	.21251	.20917
#2	38.390	.21030	.20961	.21048	.21019	.20728	.21014
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21187	.20891	.21107	.19807	.21124	.23070	.18581
SDev	.00309	.00710	.00028	.00373	.00009	.00135	.00088
%RSD	1.4597	3.3977	.13416	1.8829	.04044	.58445	.47595
#1	.20968	.21393	.21087	.19543	.21130	.22974	.18518
#2	.21406	.20389	.21127	.20071	.21118	.23165	.18643
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05072	.22137
SDev	.00011	.00085
%RSD	.22348	.38374
#1	.05080	.22077
#2	.05064	.22197
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6317	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2535535	--	--	--	--	--	--
#1	6328	--	--	--	--	--	--
#2	6305	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850276/MS Operator: TWS
Run Time: 09/05/08 17:29:53 AH 9/8/08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.064	.21585	.29039	.36190	.21419	46.729	.20044
SDev	.012	.00203	.00021	.00005	.00029	.007	.00009
%RSD	.12007	.94037	.07186	.01316	.13687	.01550	.04234
#1	10.073	.21442	.29053	.36193	.21398	46.724	.20050
#2	10.056	.21729	.29024	.36186	.21439	46.734	.20038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20500	.20895	.20992	10.306	13.818	68.290	.36756
SDev	.00027	.00019	.00034	.013	.005	.082	.00028
%RSD	.13150	.08884	.16247	.12704	.03874	.12020	.07679
#1	.20480	.20908	.21016	10.297	13.822	68.232	.36736
#2	.20519	.20882	.20968	10.315	13.815	68.348	.36776
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.580	.20576	.20592	.20650	.20631	.20356	.20343
SDev	.182	.00036	.00079	.00042	.00054	.00249	.00242
%RSD	.46065	.17537	.38248	.20308	.26270	1.2248	1.1916
#1	39.709	.20601	.20648	.20680	.20669	.20532	.20514
#2	39.451	.20550	.20536	.20620	.20592	.20179	.20171
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20388	.20340	.20678	.19565	.20641	.22640	.20616
SDev	.00748	.00000	.00026	.00147	.00030	.00072	.00074
%RSD	3.6673	.00076	.12511	.75048	.14739	.31613	.35784
#1	.20916	.20340	.20696	.19461	.20663	.22590	.20563
#2	.19859	.20340	.20660	.19669	.20620	.22691	.20668
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05154	.21625
SDev	.00006	.00305
%RSD	.11047	1.4091
#1	.05150	.21409
#2	.05158	.21840
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6370	--	--	--	--	--	--
SDev	9.439944	--	--	--	--	--	--
%RSD	.1481944	--	--	--	--	--	--
#1	6363	--	--	--	--	--	--
#2	6377	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850277/SD Operator: TWS
Run Time: 09/05/08 17:34:56 4/9/18/08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9148	.21293	.28676	.35125	.20846	45.517	.19798
SDev	.0002	.00170	.00049	.00130	.00083	.026	.00031
%RSD	.00221	.80022	.17214	.37090	.39694	.05709	.15875
#1	9.9147	.21414	.28641	.35033	.20787	45.535	.19820
#2	9.9150	.21173	.28711	.35217	.20904	45.498	.19775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20106	.20556	.20586	10.106	13.288	65.858	.35706
SDev	.00010	.00080	.00003	.026	.149	.187	.00134
%RSD	.05056	.38842	.01452	.25311	1.1210	.28327	.37603
#1	.20099	.20500	.20588	10.088	13.183	65.726	.35611
#2	.20114	.20613	.20584	10.124	13.394	65.990	.35801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.476	.20101	.19963	.20411	.20262	.20112	.19660
SDev	.213	.00032	.00073	.00006	.00028	.00196	.00123
%RSD	.55332	.15845	.36698	.02789	.13914	.97665	.62374
#1	38.627	.20123	.20015	.20415	.20282	.20251	.19747
#2	38.326	.20078	.19911	.20407	.20242	.19973	.19574
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20052	.20142	.20353	.19452	.20350	.22126	.19972
SDev	.00251	.00420	.00000	.00152	.00048	.00066	.00052
%RSD	1.2542	2.0871	.00218	.78177	.23685	.29628	.26137
#1	.19874	.20440	.20352	.19560	.20385	.22172	.20009
#2	.20230	.19845	.20353	.19345	.20316	.22079	.19935
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05071	.21292
SDev	.00007	.00081
%RSD	.13750	.38162
#1	.05076	.21349
#2	.05066	.21234
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6416	--	--	--	--	--	--
SDev	10.28861	--	--	--	--	--	--
%RSD	.1603468	--	--	--	--	--	--
#1	6409	--	--	--	--	--	--
#2	6424	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850278 Operator: TWS
Run Time: 09/05/08 17:39:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02218	.00181	.06376	.12957	.00004	74.170	-.00017
SDev	.00657	.00281	.00014	.00147	.00002	.110	.00018
%RSD	29.607	154.62	.21846	1.1311	67.256	.14878	105.20
#1	-.01754	-.00017	.06386	.12853	.00005	74.092	-.00004
#2	-.02682	.00380	.06366	.13061	.00002	74.248	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00026	.00166	.45904	1.7060	67.201	.05067
SDev	.00038	.00008	.00006	.02033	.0463	.759	.00067
%RSD	75.423	31.635	3.8211	4.4288	2.7139	1.1295	1.3212
#1	.00077	.00032	.00162	.44467	1.6733	66.664	.05020
#2	.00024	.00020	.00171	.47342	1.7388	67.737	.05115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.548	.00498	.00083	-.00016	.00017	-.00300	.00033
SDev	.050	.00030	.00032	.00183	.00133	.00179	.00443
%RSD	.32203	6.1175	38.360	1126.2	783.92	59.803	1337.0
#1	15.512	.00476	.00106	.00113	.00111	-.00427	.00346
#2	15.583	.00519	.00061	-.00146	-.00077	-.00173	-.00280
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00365	-.00268	-.00026	-.00076	-.00032	.00209	.00002
SDev	.00725	.00093	.00049	.00459	.00062	.00031	.00146
%RSD	198.71	34.798	190.88	603.16	193.40	14.875	7333.6
#1	-.00877	-.00202	.00009	-.00400	.00012	.00187	.00106
#2	.00148	-.00334	-.00060	.00248	-.00076	.00231	-.00102
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00134	.00137
SDev	.00097	.00077
%RSD	72.184	55.711
#1	-.00066	.00083
#2	-.00203	.00192
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6349	--	--	--	--	--	--
SDev	14.53091	--	--	--	--	--	--
%RSD	.2288539	--	--	--	--	--	--
#1	6360	--	--	--	--	--	--
#2	6339	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850279 Operator: TWS
Run Time: 09/05/08 17:45:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03175	.00303	.03861	.11444	.00011	124.34	-.00012
SDev	.00106	.00163	.00028	.00017	.00002	.05	.00006
%RSD	3.3244	53.619	.72975	.14752	21.409	.04202	52.939
#1	-.03249	.00188	.03841	.11456	.00009	124.31	-.00016
#2	-.03100	.00418	.03881	.11432	.00012	124.38	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00035	.00198	2.7517	1.7488	51.873	.16905
SDev	.00027	.00013	.00003	.0014	.0186	.039	.00019
%RSD	135.42	35.657	1.3089	.05230	1.0644	.07485	.11432
#1	-.00039	.00044	.00199	2.7507	1.7357	51.846	.16891
#2	-.00001	.00026	.00196	2.7527	1.7620	51.900	.16919
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.353	.00059	.00140	.00136	.00138	.00099	.00097
SDev	.046	.00046	.00015	.00087	.00053	.00017	.00134
%RSD	.06055	78.801	10.864	64.079	38.647	17.231	137.77
#1	76.321	.00091	.00151	.00074	.00100	.00111	.00192
#2	76.386	.00026	.00129	.00198	.00175	.00087	.00003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00140	-.00057	.00235	-.00059	.01663	-.00046
SDev	.00069	.00009	.00040	.00288	.00000	.00060	.00105
%RSD	438.98	6.4354	69.773	122.62	.23251	3.6123	228.91
#1	.00065	.00134	-.00085	.00031	-.00059	.01706	.00029
#2	-.00033	.00147	-.00029	.00439	-.00059	.01621	-.00121
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00168	.00194
SDev	.00017	.00125
%RSD	10.029	64.542
#1	-.00156	.00282
#2	-.00180	.00105
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6283	--	--	--	--	--	--
SDev	3.288323	--	--	--	--	--	--
%RSD	.0523395	--	--	--	--	--	--
#1	6285	--	--	--	--	--	--
#2	6280	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850280 Operator: TWS
Run Time: 09/05/08 17:50:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02086	.00303	1.5392	.25691	.00027	229.23	-.00002
SDev	.00210	.00244	.0015	.00010	.00000	.25	.00007
%RSD	10.052	80.770	.09575	.03855	.45825	.10953	407.73
#1	-.02234	.00130	1.5381	.25698	.00027	229.05	.00003
#2	-.01938	.00475	1.5402	.25684	.00027	229.41	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00205	.00333	.00190	2.4670	9.2881	176.44	.03861
SDev	.00014	.00023	.00020	.0129	.0281	.08	.00003
%RSD	7.0163	6.8886	10.569	.52345	.30210	.04406	.08288
#1	.00195	.00317	.00204	2.4579	9.3079	176.38	.03863
#2	.00215	.00349	.00176	2.4761	9.2682	176.49	.03858
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H471.12	.08658	.00162	-.00228	-.00098	.00126	-.00167
SDev	.45	.00021	.00016	.00062	.00046	.00500	.00424
%RSD	.09622	.24514	9.8413	26.986	47.229	397.01	253.14
#1	H471.44	.08673	.00173	-.00185	-.00065	-.00228	-.00467
#2	H470.80	.08643	.00151	-.00272	-.00131	.00480	.00132
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00584	-.00103	-.00026	.00135	.00020	.00873	-.00032
SDev	.00550	.00476	.00006	.00199	.00047	.00001	.00170
%RSD	94.133	462.47	23.046	147.84	236.75	.09508	534.86
#1	.00195	-.00439	-.00031	.00275	-.00013	.00874	.00088
#2	.00973	.00234	-.00022	-.00006	.00053	.00872	-.00152
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00105	.00185
SDev	.00027	.00063
%RSD	26.215	34.189
#1	-.00124	.00230
#2	-.00085	.00140
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6229	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.0834396	--	--	--	--	--	--
#1	6225	--	--	--	--	--	--
#2	6233	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850281 Operator: TWS
Run Time: 09/05/08 17:55:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01911	.00155	.06779	.15686	.00016	135.30	.00009
SDev	.00196	.00010	.00068	.00020	.00003	.18	.00015
%RSD	10.241	6.5252	1.0060	.12771	21.152	.13390	177.07
#1	-.01773	.00148	.06828	.15672	.00018	135.17	-.00002
#2	-.02049	.00162	.06731	.15701	.00014	135.43	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00309	.00279	.01694	.82284	57.797	.13425
SDev	.00068	.00001	.00038	.00923	.00656	.107	.00036
%RSD	201.76	.40890	13.583	54.495	.79684	.18467	.26567
#1	.00082	.00310	.00306	.02347	.82748	57.722	.13400
#2	-.00014	.00309	.00252	.01041	.81821	57.873	.13450
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.533	.00005	.00093	.00084	.00087	-.00335	-.00007
SDev	.097	.00063	.00421	.00198	.00008	.00057	.00209
%RSD	.36630	1322.9	454.03	235.62	9.4265	17.057	2796.2
#1	26.465	.00049	-.00205	.00224	.00081	-.00375	-.00155
#2	26.602	-.00040	.00391	-.00056	.00093	-.00295	.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00293	-.00356	-.00026	.00153	.00013	.00231	.00146
SDev	.00014	.00093	.00013	.00088	.00062	.00002	.00104
%RSD	4.8836	26.072	51.114	57.186	474.57	.69232	71.431
#1	-.00283	-.00422	-.00016	.00091	.00057	.00232	.00220
#2	-.00303	-.00290	-.00035	.00215	-.00031	.00229	.00072
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00071	.00135
SDev	.00029	.00176
%RSD	41.130	130.36
#1	-.00050	.00011
#2	-.00092	.00259
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6339	--	--	--	--	--	--
SDev	23.97120	--	--	--	--	--	--
%RSD	.3781363	--	--	--	--	--	--
#1	6322	--	--	--	--	--	--
#2	6356	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850282 Operator: TWS
Run Time: 09/05/08 18:00:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02026	.00340	.20172	.06643	.00005	47.365	-.00018
SDev	.00352	.00029	.00164	.00021	.00002	.049	.00024
%RSD	17.352	8.4265	.81374	.31017	39.602	.10368	135.90
#1	-.01778	.00361	.20288	.06628	.00004	47.330	-.00035
#2	-.02275	.00320	.20056	.06657	.00006	47.400	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00020	.00164	.02057	.85655	23.359	.05537
SDev	.00005	.00010	.00006	.00087	.03309	.080	.00026
%RSD	16.563	52.474	3.7973	4.2367	3.8630	.34369	.47331
#1	.00032	-.00027	.00159	.02119	.87994	23.302	.05518
#2	.00026	-.00012	.00168	.01995	.83315	23.416	.05555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.100	.00068	.00487	-.00157	.00057	-.00244	-.00072
SDev	.154	.00078	.00111	.00143	.00132	.00146	.00246
%RSD	.27915	115.70	22.860	90.518	230.65	59.837	343.76
#1	55.209	.00012	.00409	-.00258	-.00036	-.00141	.00102
#2	54.992	.00123	.00566	-.00057	.00151	-.00347	-.00245
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.00414	-.00051	-.00090	-.00052	.00204	-.00036
SDev	.00007	.00223	.00035	.00182	.00031	.00029	.00185
%RSD	7.6856	53.866	69.134	202.86	58.586	14.247	507.69
#1	.00090	-.00256	-.00076	-.00218	-.00074	.00224	-.00167
#2	.00100	-.00571	-.00026	.00039	-.00031	.00183	.00094
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00091	.00631
SDev	.00014	.00086
%RSD	15.541	13.658
#1	-.00101	.00570
#2	-.00081	.00692
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6426	--	--	--	--	--	--
SDev	14.53125	--	--	--	--	--	--
%RSD	.2261242	--	--	--	--	--	--
#1	6437	--	--	--	--	--	--
#2	6416	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850283 Operator: TWS
Run Time: 09/05/08 18:05:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01851	.00193	.17352	.10787	.00008	199.81	-.00014
SDev	.00290	.00011	.00184	.00022	.00002	.37	.00020
%RSD	15.653	5.6082	1.0611	.20442	18.558	.18282	139.45
#1	-.01646	.00201	.17222	.10772	.00009	200.07	-.00029
#2	-.02055	.00185	.17482	.10803	.00007	199.55	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00007	.00120	.11383	2.8554	122.67	.03782
SDev	.00006	.00023	.00005	.00350	.0052	.27	.00019
%RSD	16.254	326.07	4.2046	3.0776	.18198	.22056	.49897
#1	.00044	.00023	.00124	.11631	2.8590	122.47	.03768
#2	.00035	-.00009	.00117	.11136	2.8517	122.86	.03795
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.13	.00770	-.00015	.00197	.00126	.00081	-.00056
SDev	.14	.00015	.00228	.00041	.00049	.00216	.00082
%RSD	.13940	1.9601	1524.3	20.777	38.657	265.53	148.23
#1	100.03	.00780	.00147	.00168	.00161	.00234	-.00114
#2	100.23	.00759	-.00177	.00226	.00092	-.00071	.00003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00130	.00187	-.00002	.00251	-.00010	.00207	.00110
SDev	.00674	.00013	.00011	.00116	.00031	.00090	.00083
%RSD	518.97	6.7092	555.44	46.183	322.66	43.354	75.687
#1	.00347	.00178	.00006	.00169	.00012	.00271	.00051
#2	-.00606	.00196	-.00010	.00333	-.00031	.00144	.00168
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00011	-.00000
SDev	.00003	.00118
%RSD	27.269	24187.
#1	-.00009	.00083
#2	-.00013	-.00084
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6374	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1347889	--	--	--	--	--	--
#1	6380	--	--	--	--	--	--
#2	6368	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 06:18:14 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 18:13:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.039	.50264	.49941	.51382	.53881	25.891	.49622
SDev	.005	.00012	.00336	.00088	.00178	.081	.00112
%RSD	.01889	.02355	.67259	.17163	.33112	.31342	.22633
#1	25.036	.50256	.49703	.51319	.53754	25.834	.49542
#2	25.042	.50273	.50178	.51444	.54007	25.949	.49701
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50794	.53688	.51797	25.528	26.973	26.676	.53136
SDev	.00150	.00118	.00019	.043	.053	.104	.00077
%RSD	.29560	.21968	.03658	.16987	.19586	.38817	.14529
#1	.50687	.53605	.51783	25.497	26.935	26.603	.53081
#2	.50900	.53771	.51810	25.559	27.010	26.749	.53191
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.291	.52159	.51510	.52521	.52184	.51148	.50266
SDev	.057	.00331	.00057	.00315	.00191	.00234	.00291
%RSD	.22587	.63488	.11153	.60071	.36660	.45836	.57957
#1	25.251	.51924	.51470	.52744	.52319	.51314	.50472
#2	25.331	.52393	.51551	.52297	.52049	.50983	.50060
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51138	.51154	.52318	.48644	.51079	.52868	.50772
SDev	.00061	.00321	.00122	.00047	.00059	.00045	.00340
%RSD	.12007	.62745	.23239	.09555	.11617	.08578	.67048
#1	.51182	.51381	.52232	.48677	.51037	.52836	.51013
#2	.51095	.50927	.52404	.48611	.51121	.52900	.50531
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51958	.51634
SDev	.00062	.00024
%RSD	.11985	.04639
#1	.51914	.51651
#2	.52002	.51617
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6212	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.0853664	--	--	--	--	--	--
#1	6216	--	--	--	--	--	--
#2	6209	--	--	--	--	--	--

Analysis Report Blank Sample 09/05/08 06:23:18 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 18:18:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.04747	.00080	-.00048	.00019	.00008	.01925	-.00004
SDev	.00229	.00085	.00054	.00000	.00001	.00054	.00003
%RSD	4.8172	106.43	112.71	.13031	7.4414	2.8150	84.777
#1	L-.04586	.00020	-.00010	.00019	.00008	.01887	-.00006
#2	L-.04909	.00139	-.00086	.00019	.00007	.01963	-.00002
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00059	.00167	.00215	-.01763	.01965	.00026
SDev	.00020	.00002	.00028	.01174	.00947	.00556	.00010
%RSD	97.051	3.6626	16.545	545.28	53.698	28.264	38.909
#1	.00007	.00058	.00148	.01045	-.02432	.01572	.00033
#2	.00035	.00061	.00187	-.00615	-.01093	.02358	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00006	.00286	-.00163	-.00013	-.00336	.00020
SDev	.07193	.00002	.00155	.00158	.00054	.00083	.00069
%RSD	18758.	30.480	54.154	97.223	403.38	24.742	341.94
#1	.05124	-.00007	.00176	-.00051	.00025	-.00278	-.00029
#2	-.05048	-.00005	.00395	-.00275	-.00052	-.00395	.00069
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00310	-.00350	-.00063	.00199	-.00031	.00003	-.00121
SDev	.00025	.00137	.00006	.00244	.00061	.00015	.00124
%RSD	7.9107	39.244	9.3810	122.41	194.56	594.47	102.36
#1	-.00328	-.00253	-.00059	.00372	.00012	-.00008	-.00033
#2	-.00293	-.00447	-.00068	.00027	-.00074	.00013	-.00208
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00129	.00150
SDev	.00071	.00080
%RSD	54.956	53.306
#1	-.00079	.00093
#2	-.00179	.00206
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6452	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.1298615	--	--	--	--	--	--
#1	6458	--	--	--	--	--	--
#2	6447	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850284 Operator: TWS
Run Time: 09/05/08 18:23:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02425	.00510	.04584	.18220	.00014	126.36	-.00021
SDev	.00667	.00126	.00065	.00022	.00003	.17	.00002
%RSD	27.488	24.756	1.4228	.12227	22.867	.13092	9.4383
#1	-.01954	.00421	.04538	.18204	.00012	126.25	-.00020
#2	-.02897	.00600	.04630	.18236	.00016	126.48	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00007	.00171	2.7369	2.3818	60.668	.05984
SDev	.00041	.00079	.00006	.0088	.0121	.089	.00009
%RSD	149.93	1085.1	3.5319	.32043	.50826	.14712	.15378
#1	.00002	.00063	.00167	2.7307	2.3732	60.605	.05978
#2	-.00057	-.00048	.00175	2.7431	2.3903	60.731	.05991
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.484	.00113	.00074	.00014	.00034	-.00023	-.00303
SDev	.096	.00030	.00139	.00211	.00095	.00716	.00195
%RSD	.16744	26.558	188.15	1507.9	278.71	3063.1	64.373
#1	57.552	.00134	-.00024	.00164	.00101	.00483	-.00441
#2	57.416	.00091	.00172	-.00135	-.00033	-.00530	-.00165
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.00021	-.00051	.00159	-.00059	.00542	.00007
SDev	.00857	.00646	.00054	.00145	.00062	.00016	.00125
%RSD	3125.9	3022.8	104.58	91.235	104.97	2.9777	1769.1
#1	.00579	.00435	-.00013	.00261	-.00015	.00530	.00095
#2	-.00633	-.00478	-.00089	.00056	-.00102	.00553	-.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00125	.00226
SDev	.00035	.00081
%RSD	28.022	35.954
#1	-.00150	.00168
#2	-.00100	.00283
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6367	--	--	--	--	--	--
SDev	9.757936	--	--	--	--	--	--
%RSD	.1532604	--	--	--	--	--	--
#1	6374	--	--	--	--	--	--
#2	6360	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850285 Operator: TWS
Run Time: 09/05/08 18:28:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01866	.00334	.16638	.03217	-.00007	27.820	-.00005
SDev	.00595	.00112	.00054	.00000	.00003	.088	.00025
%RSD	31.888	33.522	.32397	.01172	51.442	.31516	555.84
#1	-.01445	.00255	.16676	.03217	-.00004	27.882	.00013
#2	-.02286	.00413	.16600	.03217	-.00009	27.758	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00029	.00186	.01539	1.0935	22.643	.01930
SDev	.00033	.00025	.00018	.00267	.0107	.007	.00002
%RSD	65.452	85.259	9.4888	17.327	.98195	.03305	.10989
#1	.00027	-.00046	.00199	.01728	1.0859	22.637	.01931
#2	.00073	-.00011	.00174	.01351	1.1011	22.648	.01928
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.621	.00043	-.00257	.00135	.00005	-.00202	-.00278
SDev	.216	.00019	.00227	.00019	.00088	.00126	.00055
%RSD	.78254	44.844	88.047	13.935	1937.5	62.362	19.835
#1	27.468	.00029	-.00418	.00122	-.00058	-.00113	-.00317
#2	27.774	.00056	-.00097	.00149	.00067	-.00291	-.00239
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00426	-.00089	-.00026	.00378	.00056	.00298	-.00144
SDev	.00063	.00220	.00012	.00093	.00061	.00013	.00101
%RSD	14.761	246.30	45.659	24.453	107.62	4.3498	70.276
#1	-.00471	.00066	-.00018	.00444	.00099	.00307	-.00216
#2	-.00382	-.00245	-.00034	.00313	.00013	.00289	-.00072
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	.01453
SDev	.00009	.00100
%RSD	18.041	6.8924
#1	-.00045	.01382
#2	-.00058	.01524
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6437	--	--	--	--	--	--
SDev	26.83450	--	--	--	--	--	--
%RSD	.4168870	--	--	--	--	--	--
#1	6456	--	--	--	--	--	--
#2	6418	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850286 Operator: TWS
Run Time: 09/05/08 18:33:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03659	.00469	.03843	.08948	-.00001	97.959	-.00007
SDev	.00013	.00211	.00057	.00046	.00004	.240	.00014
%RSD	.34526	45.039	1.4755	.51781	863.08	.24545	215.70
#1	-.03650	.00618	.03803	.08916	-.00004	97.789	-.00017
#2	-.03667	.00319	.03883	.08981	.00003	98.129	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.00030	.00241	.73581	1.7663	39.456	.21031
SDev	.00041	.00025	.00067	.00349	.0238	.190	.00110
%RSD	720.70	83.289	27.752	.47385	1.3457	.48252	.52063
#1	-.00035	-.00048	.00193	.73335	1.7495	39.322	.20954
#2	.00023	-.00012	.00288	.73828	1.7831	39.591	.21109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	56.454	.00108	-.00027	.00109	.00064	-.00199	-.00339
SDev	.127	.00010	.00289	.00037	.00121	.00225	.00306
%RSD	.22519	8.9511	1054.1	34.184	190.27	112.91	90.344
#1	56.364	.00101	-.00231	.00083	-.00022	-.00040	-.00555
#2	56.544	.00115	.00177	.00135	.00149	-.00358	-.00122
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	-.00268	-.00061	-.00015	-.00032	.00288	.00078
SDev	.00610	.00033	.00002	.00243	.00000	.00012	.00062
%RSD	977.54	12.218	3.3743	1619.2	.03512	4.3039	80.255
#1	.00369	-.00245	-.00062	.00157	-.00032	.00297	.00034
#2	-.00493	-.00291	-.00059	-.00187	-.00032	.00279	.00122
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00130	.00184
SDev	.00025	.00123
%RSD	19.451	67.115
#1	-.00148	.00271
#2	-.00112	.00097
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6297	--	--	--	--	--	--
SDev	37.97177	--	--	--	--	--	--
%RSD	.6030568	--	--	--	--	--	--
#1	6323	--	--	--	--	--	--
#2	6270	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850287 Operator: TWS
Run Time: 09/05/08 18:38:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.05180	.00517	.14642	.20071	-.00013	154.22	-.00019
SDev	.00237	.00109	.00025	.00033	.00000	.06	.00022
%RSD	4.5804	21.063	.17112	.16403	1.1319	.03984	113.28
#1	L-.05012	.00594	.14659	.20048	-.00013	154.17	-.00004
#2	L-.05348	.00440	.14624	.20094	-.00012	154.26	-.00035
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00061	.00289	1.6124	2.7803	102.23	.02906
SDev	.00043	.00010	.00028	.0000	.0089	.02	.00000
%RSD	388.60	17.114	9.5176	.00127	.32173	.01812	.00327
#1	.00042	.00068	.00308	1.6124	2.7740	102.22	.02906
#2	-.00020	.00053	.00269	1.6124	2.7866	102.24	.02906
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.492	.01195	-.00110	.00050	-.00003	-.00024	-.00401
SDev	.103	.00065	.00133	.00134	.00045	.00072	.00238
%RSD	.15242	5.4626	120.63	266.46	1501.0	294.80	59.368
#1	67.419	.01241	-.00016	-.00044	-.00035	-.00075	-.00570
#2	67.565	.01149	-.00204	.00145	.00029	.00026	-.00233
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.00084	-.00050	.00176	.00043	.00366	.00105
SDev	.00927	.00355	.00013	.00243	.00047	.00030	.00021
%RSD	382.62	420.73	26.674	137.49	108.02	8.1678	20.022
#1	-.00897	.00336	-.00041	.00005	.00077	.00387	.00090
#2	.00413	-.00167	-.00059	.00348	.00010	.00345	.00119
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00193	.00257
SDev	.00015	.00033
%RSD	7.9767	12.970
#1	-.00182	.00280
#2	-.00204	.00233
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6279	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1165502	--	--	--	--	--	--
#1	6285	--	--	--	--	--	--
#2	6274	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850288 Operator: TWS
Run Time: 09/05/08 18:43:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.04058	.00352	.03169	.03628	-.00011	84.024	-.00010
SDev	.00295	.00118	.00026	.00029	.00003	.510	.00056
%RSD	7.2664	33.427	.80682	.80890	30.815	.60744	545.35
#1	L-.04266	.00435	.03151	.03607	-.00013	83.664	-.00050
#2	-.03849	.00269	.03187	.03649	-.00009	84.385	.00029
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00263	.00303	.00688	.73799	42.471	.00120
SDev	.00065	.00018	.00009	.01010	.00136	.247	.00003
%RSD	781.56	6.8722	3.0116	146.85	.18451	.58250	2.6536
#1	.00054	.00276	.00297	-.00026	.73703	42.296	.00122
#2	-.00038	.00250	.00310	.01402	.73895	42.646	.00117
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.285	.00172	.00016	.00050	.00039	-.00109	-.00114
SDev	.124	.00004	.00154	.00047	.00019	.00226	.00012
%RSD	1.0120	2.3729	934.34	94.712	50.221	208.04	10.149
#1	12.197	.00175	.00125	.00017	.00053	.00051	-.00106
#2	12.373	.00170	-.00092	.00084	.00025	-.00268	-.00123
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	-.00055	-.00082	.00398	-.00031	.00700	.00106
SDev	.00155	.00261	.00019	.00130	.00062	.00002	.00125
%RSD	72.272	471.33	23.115	32.737	202.12	.22447	117.77
#1	-.00105	.00129	-.00096	.00306	-.00075	.00699	.00018
#2	-.00325	-.00240	-.00069	.00490	.00013	.00701	.00194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00234	.00209
SDev	.00008	.00243
%RSD	3.5941	116.10
#1	-.00240	.00038
#2	-.00228	.00381
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6349	--	--	--	--	--	--
SDev	11.77360	--	--	--	--	--	--
%RSD	.1854279	--	--	--	--	--	--
#1	6358	--	--	--	--	--	--
#2	6341	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850289 Operator: TWS
Run Time: 09/05/08 18:48:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03620	.00262	.04293	.12696	.00001	117.01	-.00008
SDev	.00473	.00076	.00065	.00086	.00008	.14	.00008
%RSD	13.061	29.019	1.5078	.67435	844.37	.11862	100.89
#1	-.03954	.00316	.04339	.12757	-.00005	117.11	-.00002
#2	-.03285	.00208	.04248	.12636	.00007	116.91	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00003	.00220	1.3752	1.9675	65.748	.02355
SDev	.00032	.00071	.00008	.0084	.0090	.377	.00030
%RSD	270.30	2484.7	3.6549	.60939	.45545	.57390	1.2527
#1	-.00011	.00053	.00226	1.3692	1.9739	65.481	.02335
#2	.00034	-.00047	.00214	1.3811	1.9612	66.015	.02376
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.759	.00178	.00045	-.00023	-.00000	.00366	-.00191
SDev	.190	.00036	.00208	.00038	.00095	.00317	.00139
%RSD	.51770	20.198	457.90	167.60	272050.	86.551	72.432
#1	36.625	.00153	-.00102	-.00050	-.00067	.00590	-.00093
#2	36.894	.00204	.00192	.00004	.00067	.00142	-.00289
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00147	.00622	-.00047	.00166	.00021	.00148	-.00108
SDev	.00086	.00432	.00029	.00248	.00047	.00000	.00210
%RSD	58.826	69.420	61.078	149.62	217.63	.14807	193.93
#1	-.00086	.00927	-.00067	-.00010	.00054	.00148	.00040
#2	-.00208	.00317	-.00027	.00342	-.00012	.00148	-.00257
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00176	.00377
SDev	.00010	.00019
%RSD	5.3992	5.1587
#1	-.00183	.00363
#2	-.00169	.00390
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6317	--	--	--	--	--	--
SDev	4.560632	--	--	--	--	--	--
%RSD	.0721976	--	--	--	--	--	--
#1	6320	--	--	--	--	--	--
#2	6314	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850290 Operator: TWS
Run Time: 09/05/08 18:53:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01014	.00235	.29063	.02382	-.00008	25.079	.00001
SDev	.00192	.00174	.00025	.00003	.00003	.033	.00009
%RSD	18.922	73.967	.08584	.13468	32.911	.13339	829.89
#1	.00879	.00358	.29081	.02385	-.00010	25.102	-.00005
#2	.01150	.00112	.29046	.02380	-.00006	25.055	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00049	.00207	.01381	.90065	11.135	.01425
SDev	.00023	.00020	.00002	.00449	.01073	.027	.00009
%RSD	92.229	41.192	1.1347	32.507	1.1909	.23909	.61464
#1	.00042	.00064	.00209	.01699	.89307	11.154	.01431
#2	.00009	.00035	.00205	.01064	.90824	11.116	.01419
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.631	.00060	.00138	-.00075	-.00004	-.00263	-.00428
SDev	.007	.00074	.00126	.00143	.00053	.00146	.00245
%RSD	.02065	123.99	91.419	190.92	1343.9	55.595	57.181
#1	31.635	.00112	.00227	-.00176	-.00042	-.00367	-.00601
#2	31.626	.00007	.00049	.00026	.00034	-.00160	-.00255
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	-.00334	.00040	.00071	.00090	.00158	.00045
SDev	.00028	.00234	.00025	.00011	.00015	.00030	.00041
%RSD	22.872	69.969	61.868	15.166	16.810	18.922	92.119
#1	-.00103	-.00499	.00057	.00078	.00100	.00137	.00074
#2	-.00142	-.00169	.00022	.00063	.00079	.00180	.00016
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00075	.03240
SDev	.00068	.00034
%RSD	90.689	1.0527
#1	-.00027	.03265
#2	-.00123	.03216
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6474	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.0982957	--	--	--	--	--	--
#1	6479	--	--	--	--	--	--
#2	6470	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850331/PB Operator: TWS
Run Time: 09/05/08 19:01:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10860	.00166	.00854	.00011	-.00011	.45188	-.00004
SDev	.00492	.00129	.00059	.00000	.00000	.01588	.00016
%RSD	4.5333	77.360	6.9097	.16197	4.1650	3.5142	367.93
#1	.10512	.00257	.00812	.00011	-.00011	.46311	-.00016
#2	.11209	.00075	.00896	.00011	-.00011	.44065	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00048	.00122	.01986	.00305	.00545	.00021
SDev	.00014	.00024	.00080	.00093	.01567	.00150	.00003
%RSD	69.741	49.831	65.981	4.6967	513.71	27.518	15.547
#1	-.00010	.00065	.00178	.01920	-.00803	.00652	.00023
#2	-.00030	.00031	.00065	.02052	.01413	.00439	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02382	.00086	.00389	-.00156	.00026	.00130	-.00328
SDev	.03327	.00014	.00181	.00187	.00064	.00102	.00230
%RSD	139.70	16.000	46.449	120.00	252.30	78.664	70.194
#1	-.00029	.00096	.00517	-.00288	-.00020	.00203	-.00490
#2	-.04735	.00077	.00261	-.00024	.00071	.00058	-.00165
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	.00138	-.00060	.00171	.00011	.00157	.00027
SDev	.00112	.00210	.00002	.00160	.00000	.00088	.00243
%RSD	97.967	152.25	4.0901	93.199	1.7506	55.820	904.34
#1	.00035	.00286	-.00059	.00058	.00011	.00219	-.00145
#2	.00194	-.00011	-.00062	.00284	.00011	.00095	.00199
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00103	-.00046
SDev	.00004	.00037
%RSD	3.7149	81.346
#1	-.00106	-.00072
#2	-.00100	-.00019
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6520	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2488950	--	--	--	--	--	--
#1	6531	--	--	--	--	--	--
#2	6509	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850330/LCS Operator: TWS
Run Time: 09/05/08 19:06:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00137	1.0002	.00328	.98989	1.0130	.12422	.99555
SDev	.00365	.0009	.00130	.00118	.0031	.00003	.00524
%RSD	266.03	.09148	39.671	.11947	.30711	.02409	.52648
#1	-.00395	1.0009	.00420	.99073	1.0152	.12420	.99926
#2	.00121	.99958	.00236	.98905	1.0108	.12425	.99184
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96143	1.0174	1.0133	.08197	.00438	-.00376	1.0182
SDev	.00565	.0024	.0016	.00231	.00135	.00091	.0030
%RSD	.58802	.23483	.16125	2.8165	30.901	24.278	.29655
#1	.96543	1.0191	1.0144	.08360	.00342	-.00441	1.0203
#2	.95744	1.0157	1.0121	.08034	.00533	-.00312	1.0160
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.15691	1.0314	.98150	1.0010	.99448	1.0097	.95829
SDev	.01548	.0067	.00040	.0028	.00201	.0001	.00207
%RSD	9.8660	.65297	.04109	.28053	.20184	.01401	.21643
#1	-.14596	1.0362	.98178	1.0029	.99590	1.0096	.95976
#2	-.16785	1.0267	.98121	.99898	.99306	1.0098	.95682
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0133	1.0079	-.00029	.95741	1.0104	1.0289	-.00074
SDev	.0047	.0026	.00039	.00288	.0053	.0078	.00204
%RSD	.46195	.25326	135.74	.30044	.52396	.75823	276.29
#1	1.0166	1.0061	-.00001	.95945	1.0142	1.0344	-.00218
#2	1.0100	1.0097	-.00056	.95538	1.0067	1.0233	.00070
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99955	.99870
SDev	.00373	.00298
%RSD	.37332	.29829
#1	1.0022	.99659
#2	.99691	1.0008
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6459	--	--	--	--	--	--
SDev	26.51650	--	--	--	--	--	--
%RSD	.4105262	--	--	--	--	--	--
#1	6478	--	--	--	--	--	--
#2	6440	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850327 Operator: TWS
Run Time: 09/05/08 19:11:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.242	.07149	.25231	.08881	.00322	323.13	.00028
SDev	.038	.00100	.00083	.00037	.00001	.22	.00005
%RSD	.07226	1.4043	.32814	.41675	.28907	.06833	19.218
#1	53.215	.07078	.25290	.08854	.00321	322.97	.00024
#2	53.269	.07220	.25173	.08907	.00323	323.28	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00638	.05487	.00334	53.425	9.9042	20.374	2.0244
SDev	.00031	.00014	.00015	.132	.0921	.084	.0110
%RSD	4.8356	.26269	4.4718	.24620	.93012	.41255	.54144
#1	.00617	.05477	.00344	53.332	9.8391	20.314	2.0167
#2	.00660	.05497	.00323	53.518	9.9694	20.433	2.0322
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.425	.02689	.00467	-.00033	.00134	.00048	.07744
SDev	.182	.00088	.00333	.00179	.00008	.00085	.00044
%RSD	.66419	3.2854	71.456	544.60	6.0522	175.94	.56341
#1	27.296	.02751	.00231	.00094	.00139	.00108	.07713
#2	27.553	.02626	.00703	-.00159	.00128	-.00012	.07774
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00029	.01385	.00341	.03709	.14644	.01114
SDev	.00971	.00613	.00044	.00063	.00030	.00051	.00227
%RSD	1131.0	2079.5	3.1699	18.496	.80177	.34701	20.376
#1	-.00601	.00463	.01416	.00385	.03688	.14680	.01274
#2	.00772	-.00404	.01354	.00296	.03730	.14608	.00953
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00129	.00144
SDev	.00017	.00042
%RSD	13.163	29.427
#1	-.00141	.00174
#2	-.00117	.00114
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6329	--	--	--	--	--	--
SDev	23.65252	--	--	--	--	--	--
%RSD	.3737327	--	--	--	--	--	--
#1	6345	--	--	--	--	--	--
#2	6312	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 19:19:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.986	.49561	.49385	.50268	.52546	25.792	.49342
SDev	.063	.00039	.00162	.00110	.00136	.007	.00010
%RSD	.25340	.07796	.32900	.21859	.25941	.02873	.02066
#1	25.031	.49534	.49500	.50345	.52642	25.797	.49349
#2	24.942	.49589	.49270	.50190	.52449	25.787	.49334
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50397	.53095	.51415	25.264	25.431	26.164	.52057
SDev	.00137	.00041	.00141	.032	.090	.040	.00153
%RSD	.27170	.07689	.27360	.12522	.35270	.15189	.29450
#1	.50494	.53124	.51514	25.287	25.494	26.192	.52165
#2	.50300	.53066	.51315	25.242	25.367	26.136	.51949
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.120	.51572	.51424	.51677	.51593	.51000	.50331
SDev	.010	.00006	.00062	.00047	.00052	.00356	.00695
%RSD	.04106	.01205	.12092	.09095	.10090	.69755	1.3817
#1	25.113	.51576	.51380	.51644	.51556	.51251	.49839
#2	25.128	.51568	.51468	.51710	.51630	.50748	.50823
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51086	.50957	.52182	.48169	.50902	.52128	.50819
SDev	.00514	.00277	.00102	.00234	.00166	.00246	.00252
%RSD	1.0064	.54275	.19486	.48559	.32561	.47184	.49694
#1	.51449	.51153	.52253	.48334	.51019	.52302	.50640
#2	.50722	.50762	.52110	.48004	.50784	.51954	.50997
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51774	.50976
SDev	.00152	.00081
%RSD	.29417	.15946
#1	.51881	.50919
#2	.51666	.51034
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6264	--	--	--	--	--	--
SDev	18.45556	--	--	--	--	--	--
%RSD	.2946289	--	--	--	--	--	--
#1	6251	--	--	--	--	--	--
#2	6277	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 19:24:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03017	.00120	-.00032	.00014	.00025	.03066	.00015
SDev	.00730	.00052	.00048	.00011	.00012	.01428	.00019
%RSD	24.196	43.141	149.60	79.544	48.825	46.569	126.94
#1	-.02501	.00083	-.00066	.00022	.00033	.04076	.00028
#2	-.03533	.00156	.00002	.00006	.00016	.02056	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00003	.00191	.01183	-.00700	.01554	.00036
SDev	.00044	.00016	.00044	.00914	.01278	.00746	.00017
%RSD	59.353	486.32	23.231	77.254	182.64	48.033	47.247
#1	.00106	.00015	.00160	.01830	.00204	.02081	.00049
#2	.00043	-.00008	.00223	.00537	-.01603	.01026	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04442	.00070	-.00002	-.00168	-.00113	-.00091	.00042
SDev	.04389	.00014	.00194	.00019	.00052	.00001	.00277
%RSD	98.805	19.915	8413.5	11.552	45.806	1.3743	661.61
#1	-.07545	.00080	-.00140	-.00154	-.00149	-.00092	.00238
#2	-.01339	.00060	.00135	-.00182	-.00076	-.00090	-.00154
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	-.00170	-.00034	-.00026	.00034	.00026	.00125
SDev	.00678	.00337	.00030	.00189	.00031	.00045	.00021
%RSD	1012.3	198.38	87.865	720.43	90.049	171.69	16.749
#1	-.00413	.00068	-.00013	.00107	.00056	.00058	.00139
#2	.00547	-.00409	-.00055	-.00160	.00012	-.00006	.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00116	-.00069
SDev	.00007	.00128
%RSD	6.4663	185.31
#1	-.00121	.00021
#2	-.00111	-.00160
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6368	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0582988	--	--	--	--	--	--
#1	6370	--	--	--	--	--	--
#2	6365	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850327/L (1:5) Operator: TWS
Run Time: 09/05/08 19:29:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.582	.01385	.04854	.01754	.00069	64.711	-.00005
SDev	.027	.00024	.00168	.00003	.00001	.150	.00020
%RSD	.25386	1.7447	3.4542	.17228	1.8293	.23175	400.59
#1	10.563	.01368	.04973	.01752	.00070	64.605	.00009
#2	10.601	.01402	.04736	.01756	.00068	64.817	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	.01182	.00207	10.938	1.8472	4.1160	.41083
SDev	.00008	.00031	.00033	.019	.0035	.0212	.00103
%RSD	4.5867	2.6492	15.936	.17606	.19111	.51476	.25148
#1	.00163	.01204	.00230	10.925	1.8497	4.1011	.41010
#2	.00174	.01160	.00183	10.952	1.8447	4.1310	.41156
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4007	.00573	.00395	-.00161	.00024	-.00121	.01764
SDev	.1180	.00029	.00102	.00173	.00149	.00086	.00083
%RSD	2.1845	5.1246	25.715	107.64	611.14	71.414	4.7244
#1	5.3173	.00552	.00467	-.00038	.00130	-.00060	.01823
#2	5.4841	.00594	.00323	-.00283	-.00081	-.00182	.01705
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00303	-.00030	.00252	.00083	.00746	.03147	.00149
SDev	.00509	.00125	.00009	.00081	.00031	.00073	.00206
%RSD	167.71	415.87	3.7059	97.298	4.1646	2.3330	138.36
#1	.00056	-.00118	.00245	.00141	.00768	.03095	.00003
#2	-.00663	.00058	.00258	.00026	.00724	.03199	.00295
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00090	-.00127
SDev	.00004	.00061
%RSD	4.7642	48.011
#1	-.00093	-.00084
#2	-.00087	-.00170
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6422	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0396390	--	--	--	--	--	--
#1	6420	--	--	--	--	--	--
#2	6424	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850327/PS Operator: TWS
Run Time: 09/05/08 19:35:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.688	1.1030	.24858	1.1184	1.0632	323.03	.99176
SDev	.078	.0007	.00055	.0007	.0017	.66	.00181
%RSD	.14886	.06258	.21967	.06191	.16369	.20361	.18246
#1	52.743	1.1025	.24819	1.1189	1.0620	323.49	.99049
#2	52.632	1.1035	.24896	1.1179	1.0644	322.56	.99304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99143	1.0882	1.0023	53.372	9.7325	20.257	3.0523
SDev	.00129	.0013	.0009	.057	.0462	.005	.0036
%RSD	.13014	.12051	.09115	.10668	.47496	.02573	.11656
#1	.99051	1.0891	1.0030	53.412	9.6998	20.253	3.0498
#2	.99234	1.0873	1.0017	53.332	9.7652	20.260	3.0548
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.145	1.0570	1.0002	1.0143	1.0096	1.0382	1.1187
SDev	.104	.0019	.0002	.0008	.0006	.0050	.0061
%RSD	.38442	.17616	.01938	.07956	.05971	.47687	.54560
#1	27.071	1.0583	1.0001	1.0138	1.0092	1.0347	1.1144
#2	27.219	1.0557	1.0003	1.0149	1.0101	1.0417	1.1230
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0376	1.0386	.01352	.98188	1.0807	1.1677	.01015
SDev	.0010	.0079	.00019	.00362	.0009	.0037	.00084
%RSD	.09409	.76207	1.3722	.36828	.07922	.31957	8.2668
#1	1.0383	1.0330	.01339	.97932	1.0813	1.1650	.00955
#2	1.0369	1.0442	.01365	.98444	1.0801	1.1703	.01074
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0497	1.0430
SDev	.0010	.0106
%RSD	.09507	1.0126
#1	1.0504	1.0356
#2	1.0490	1.0505
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6443	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.2304673	--	--	--	--	--	--
#1	6454	--	--	--	--	--	--
#2	6433	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850328/MS Operator: TWS
Run Time: 09/05/08 19:40:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.123	1.0927	.25578	1.1126	1.0437	332.69	.98277
SDev	.158	.0027	.00022	.0024	.0016	.83	.00197
%RSD	.29167	.24696	.08801	.21841	.15363	.24967	.20047
#1	54.235	1.0946	.25562	1.1143	1.0448	333.27	.98417
#2	54.012	1.0908	.25594	1.1109	1.0426	332.10	.98138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97664	1.0818	1.0449	54.884	9.8818	20.778	3.0924
SDev	.00275	.0028	.0023	.134	.0244	.022	.0052
%RSD	.28170	.26015	.21695	.24421	.24682	.10716	.16691
#1	.97859	1.0838	1.0465	54.979	9.8990	20.794	3.0960
#2	.97470	1.0798	1.0433	54.790	9.8645	20.762	3.0887
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.723	1.0534	.98080	.99397	.98959	1.0329	1.0665
SDev	.098	.0025	.00033	.00387	.00269	.0004	.0023
%RSD	.35345	.24069	.03405	.38928	.27204	.03675	.21895
#1	27.792	1.0552	.98104	.99671	.99149	1.0326	1.0682
#2	27.654	1.0517	.98056	.99124	.98768	1.0332	1.0649
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0321	1.0333	.01358	.95672	1.0757	1.1611	.00992
SDev	.0046	.0029	.00006	.00620	.0025	.0025	.00207
%RSD	.44924	.27946	.44240	.64849	.22797	.21130	20.817
#1	1.0354	1.0313	.01354	.96111	1.0775	1.1628	.01138
#2	1.0288	1.0354	.01363	.95233	1.0740	1.1593	.00846
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0327	1.0224
SDev	.0022	.0025
%RSD	.21545	.24785
#1	1.0343	1.0206
#2	1.0311	1.0242
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6391	--	--	--	--	--	--
SDev	5.515295	--	--	--	--	--	--
%RSD	.0862972	--	--	--	--	--	--
#1	6395	--	--	--	--	--	--
#2	6387	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD850329/SD Operator: TWS
Run Time: 09/05/08 19:45:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.729	1.0550	.24955	1.0769	1.0080	323.85	.95012
SDev	.011	.0038	.00222	.0006	.0010	.17	.00050
%RSD	.02179	.35617	.88890	.05522	.09552	.05262	.05239
#1	52.737	1.0523	.25111	1.0765	1.0073	323.97	.94977
#2	52.721	1.0577	.24798	1.0773	1.0087	323.73	.95047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94458	1.0437	1.0089	53.448	9.6652	20.258	3.0056
SDev	.00111	.0014	.0003	.061	.0419	.013	.0027
%RSD	.11726	.13654	.02671	.11392	.43344	.06386	.09035
#1	.94380	1.0447	1.0087	53.491	9.6356	20.249	3.0037
#2	.94537	1.0426	1.0091	53.405	9.6948	20.267	3.0076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.114	1.0177	.94624	.96109	.95615	.98939	1.0351
SDev	.060	.0014	.00557	.00015	.00196	.00557	.0066
%RSD	.22001	.14006	.58880	.01554	.20446	.56285	.64217
#1	27.071	1.0187	.95018	.96120	.95753	.98545	1.0304
#2	27.156	1.0167	.94230	.96099	.95477	.99333	1.0398
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99361	.98729	.01332	.92534	1.0376	1.1237	.01207
SDev	.00020	.00825	.00001	.00107	.0009	.0003	.00001
%RSD	.02059	.83570	.04570	.11575	.08541	.02871	.09540
#1	.99347	.98146	.01332	.92458	1.0370	1.1240	.01206
#2	.99376	.99313	.01333	.92610	1.0383	1.1235	.01208
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99855	.98748
SDev	.00051	.00349
%RSD	.05084	.35361
#1	.99819	.98501
#2	.99891	.98994
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6520	--	--	--	--	--	--
SDev	8.378939	--	--	--	--	--	--
%RSD	.1285030	--	--	--	--	--	--
#1	6526	--	--	--	--	--	--
#2	6515	--	--	--	--	--	--

Analysis Report QC Standard 09/05/08 07:58:08 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/05/08 19:53:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.242	.48256	.47829	.48849	.50933	25.198	.48100
SDev	.088	.00273	.00283	.00178	.00251	.139	.00430
%RSD	.36502	.56551	.59094	.36479	.49384	.55048	.89317
#1	24.305	.48449	.48029	.48975	.51111	25.296	.48404
#2	24.179	.48063	.47629	.48723	.50755	25.100	.47796
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48982	.51929	.49550	24.641	24.475	25.504	.50595
SDev	.00316	.00274	.00038	.136	.120	.133	.00231
%RSD	.64541	.52726	.07643	.55252	.48961	.52192	.45692
#1	.49205	.52123	.49577	24.738	24.559	25.599	.50759
#2	.48758	.51735	.49523	24.545	24.390	25.410	.50432
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.326	.50516	.49900	.50754	.50470	.49616	.48993
SDev	.029	.00370	.00365	.00644	.00551	.00937	.00023
%RSD	.11887	.73204	.73178	1.2685	1.0918	1.8881	.04645
#1	24.305	.50777	.50158	.51210	.50860	.50278	.49009
#2	24.346	.50254	.49642	.50299	.50080	.48954	.48977
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49072	.49889	.50636	.47830	.49503	.50712	.49588
SDev	.00398	.01206	.00227	.00290	.00245	.00368	.00332
%RSD	.80995	2.4184	.44881	.60675	.49421	.72526	.66950
#1	.49353	.50742	.50796	.48035	.49676	.50972	.49822
#2	.48791	.49036	.50475	.47624	.49330	.50452	.49353
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50204	.49134
SDev	.00138	.00579
%RSD	.27490	1.1783
#1	.50302	.48725
#2	.50106	.49543
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6445	--	--	--	--	--	--
SDev	15.69791	--	--	--	--	--	--
%RSD	.2435710	--	--	--	--	--	--
#1	6456	--	--	--	--	--	--
#2	6434	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/05/08 19:58:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.04736	.00250	.00094	.00027	-.00005	.03594	.00018
SDev	.00086	.00002	.00030	.00014	.00029	.01475	.00014
%RSD	1.8116	.93262	32.051	50.933	609.33	41.039	75.013
#1	L-.04675	.00252	.00116	.00036	-.00026	.04637	.00028
#2	L-.04797	.00249	.00073	.00017	.00016	.02551	.00009
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00045	.00248	.01392	-.01517	.00930	.00040
SDev	.00029	.00022	.00026	.01022	.03240	.00915	.00014
%RSD	48.671	48.899	10.562	73.407	213.55	98.421	35.632
#1	.00079	.00029	.00229	.02114	.00774	.01577	.00050
#2	.00039	.00060	.00266	.00669	-.03808	.00283	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09829	.00040	.00119	.00114	.00115	.00049	.00116
SDev	.04474	.00042	.00060	.00031	.00001	.00063	.00240
%RSD	45.517	103.88	50.423	27.684	.91209	127.97	206.22
#1	.06666	.00070	.00076	.00136	.00116	.00005	.00286
#2	.12993	.00011	.00161	.00091	.00114	.00094	-.00053
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	.00138	-.00018	.00310	.00020	.00073	-.00002
SDev	.00116	.00036	.00055	.00085	.00072	.00017	.00012
%RSD	90.111	26.477	306.34	27.322	359.71	23.244	515.93
#1	-.00210	.00112	.00021	.00251	.00071	.00085	.00006
#2	-.00047	.00164	-.00057	.00370	-.00031	.00061	-.00010
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00054	.00128
SDev	.00191	.00112
%RSD	353.27	87.009
#1	.00081	.00207
#2	-.00189	.00049
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6526	--	--	--	--	--	--
SDev	326.0470	--	--	--	--	--	--
%RSD	4.996200	--	--	--	--	--	--
#1	6756	--	--	--	--	--	--
#2	6295	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: TWS Date: 9/2/08 Secondary Review: AH Date: 9/2/08
Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-085-A	A082908	TRACE2	08/29/08	11:49		X	IR
2	STD 1 12-089-C	A082908	TRACE2	08/29/08	11:55		X	IR
3	STD 2 12-089-D	A082908	TRACE2	08/29/08	11:59		X	IR
4	STD 3 12-089-B	A082908	TRACE2	08/29/08	12:04		X	IR
5	STD 3 VER	A082908	TRACE2	08/29/08	12:10	AH	B	CONC
6	ICV 12-089E	A082908	TRACE2	08/29/08	12:15	AH	Q	CONC
7	ICB 12-085-A	A082908	TRACE2	08/29/08	12:21	AH	B	CONC
8	CRI 12-076-A	A082908	TRACE2	08/29/08	12:28	AH	B	CONC
9	ICSA 12-076B	A082908	TRACE2	08/29/08	12:33	AH	Q	CONC
10	ICSAB 12-076-C	A082908	TRACE2	08/29/08	12:39	AH	Q	CONC
11	CCV 12-085-F	A082908	TRACE2	08/29/08	12:45	AH	Q	CONC
12	CCB 12-085-A	A082908	TRACE2	08/29/08	12:51	AH	B	CONC
13	AD843276 9216	A082908	TRACE2	08/29/08	12:56	AH	S	CONC
14	AD843281	A082908	TRACE2	08/29/08	13:02	AH	S	CONC
15	AD848878/PB	A082908	TRACE2	08/29/08	13:07	AH	S	CONC
16	AD848877/LCS	A082908	TRACE2	08/29/08	13:12	AH	S	CONC
17	AD848876/EBLK	A082908	TRACE2	08/29/08	13:18	AH	S	CONC
18	AD848870 A394	A082908	TRACE2	08/29/08	13:23	AH	S	CONC
19	AD848871	A082908	TRACE2	08/29/08	13:29	AH	S	CONC
20	AD848872	A082908	TRACE2	08/29/08	13:34	AH	S	CONC
21	AD848873	A082908	TRACE2	08/29/08	13:39	AH	S	CONC
22	AD848873/L (1:5)	A082908	TRACE2	08/29/08	13:45	AH	S	CONC
23	CCV	A082908	TRACE2	08/29/08	13:52	AH	Q	CONC
24	CCB	A082908	TRACE2	08/29/08	13:57	AH	B	CONC
25	AD848873/PS	A082908	TRACE2	08/29/08	14:05	AH	S	CONC
26	AD848874/MS	A082908	TRACE2	08/29/08	14:10	AH	S	CONC
27	AD848875/SD	A082908	TRACE2	08/29/08	14:15	AH	S	CONC
28	AD848712 A456	A082908	TRACE2	08/29/08	14:57	AH	S	CONC
29	AD848970/PB	A082908	TRACE2	08/29/08	15:07	AH	S	CONC
30	AD848969/FB	A082908	TRACE2	08/29/08	15:12	AH	S	CONC
31	AD848950 A464	A082908	TRACE2	08/29/08	15:18	AH	S	CONC
32	AD848951 A465	A082908	TRACE2	08/29/08	15:23	AH	S	CONC
33	AD848952	A082908	TRACE2	08/29/08	15:28	AH	S	CONC
34	AD848953	A082908	TRACE2	08/29/08	15:34	AH	S	CONC
35	CCV	A082908	TRACE2	08/29/08	15:41	AH	Q	CONC
36	CCB	A082908	TRACE2	08/29/08	15:46	AH	B	CONC
37	AD848953/L (1:5)	A082908	TRACE2	08/29/08	15:51	AH	S	CONC
38	AD848953/PS	A082908	TRACE2	08/29/08	16:00	AH	S	CONC
39	AD848954/MS	A082908	TRACE2	08/29/08	16:05	AH	S	CONC
40	AD848955/SD	A082908	TRACE2	08/29/08	16:10	AH	S	CONC
41	AD848956	A082908	TRACE2	08/29/08	16:16	AH	S	CONC
42	AD848957	A082908	TRACE2	08/29/08	16:21	AH	S	CONC
43	AD848958	A082908	TRACE2	08/29/08	16:27	AH	S	CONC
44	AD848959	A082908	TRACE2	08/29/08	16:32	AH	S	CONC
45	AD848960	A082908	TRACE2	08/29/08	16:37	AH	S	CONC
46	AD848961	A082908	TRACE2	08/29/08	16:43	AH	S	CONC
47	CCV	A082908	TRACE2	08/29/08	16:50	AH	Q	CONC
48	CCB	A082908	TRACE2	08/29/08	16:55	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD848962 A465	A082908	TRACE2	08/29/08	17:00	AH	S	CONC
50	AD848963	A082908	TRACE2	08/29/08	17:06	AH	S	CONC
51	AD848964	A082908	TRACE2	08/29/08	17:11	AH	S	CONC
52	AD848965	A082908	TRACE2	08/29/08	17:16	AH	S	CONC
53	AD848966	A082908	TRACE2	08/29/08	17:22	AH	S	CONC
54	AD848967	A082908	TRACE2	08/29/08	17:27	AH	S	CONC
55	AD848968 A485	A082908	TRACE2	08/29/08	17:33	AH	S	CONC
56	AD849060/PB	A082908	TRACE2	08/29/08	17:38	AH	S	CONC
57	AD849059/FB	A082908	TRACE2	08/29/08	17:43	AH	S	CONC
58	AD849038 A453	A082908	TRACE2	08/29/08	17:49	AH	S	CONC
59	CCV	A082908	TRACE2	08/29/08	17:56	AH	Q	CONC
60	CCB	A082908	TRACE2	08/29/08	18:01	AH	B	CONC
61	AD849039 A475	A082908	TRACE2	08/29/08	18:06	AH	S	CONC
62	AD849040	A082908	TRACE2	08/29/08	18:12	AH	S	CONC
63	AD849041 A489	A082908	TRACE2	08/29/08	18:17	AH	S	CONC
64	AD849042 A499	A082908	TRACE2	08/29/08	18:23	AH	S	CONC
65	AD849043	A082908	TRACE2	08/29/08	18:28	AH	S	CONC
66	AD849044	A082908	TRACE2	08/29/08	18:33	AH	S	CONC
67	AD849044/L (1:5)	A082908	TRACE2	08/29/08	18:39	AH	S	CONC
68	AD849044/PS	A082908	TRACE2	08/29/08	18:44	AH	S	CONC
69	AD849045/MS	A082908	TRACE2	08/29/08	18:50	AH	S	CONC
70	AD849046/SD	A082908	TRACE2	08/29/08	18:55	AH	S	CONC
71	CCV	A082908	TRACE2	08/29/08	19:02	AH	Q	CONC
72	CCB	A082908	TRACE2	08/29/08	19:07	AH	B	CONC
73	AD849047	A082908	TRACE2	08/29/08	19:13	AH	S	CONC
74	AD849048 A501	A082908	TRACE2	08/29/08	19:18	AH	S	CONC
75	AD849049 A503	A082908	TRACE2	08/29/08	19:23	AH	S	CONC
76	AD849050	A082908	TRACE2	08/29/08	19:29	AH	S	CONC
77	AD849051	A082908	TRACE2	08/29/08	19:34	AH	S	CONC
78	AD849052	A082908	TRACE2	08/29/08	19:40	AH	S	CONC
79	AD849053 A505	A082908	TRACE2	08/29/08	19:45	AH	S	CONC
80	AD849054 A506	A082908	TRACE2	08/29/08	19:50	AH	S	CONC
81	AD849055 A514	A082908	TRACE2	08/29/08	19:56	AH	S	CONC
82	AD849056 A518	A082908	TRACE2	08/29/08	20:01	AH	S	CONC
83	CCV	A082908	TRACE2	08/29/08	20:08	AH	Q	CONC
84	CCB	A082908	TRACE2	08/29/08	20:13	AH	B	CONC
85	STD BLK	A082908	TRACE2	08/29/08	20:30		X	IR
86	STD 1	A082908	TRACE2	08/29/08	20:35		X	IR
87	STD 2	A082908	TRACE2	08/29/08	20:40		X	IR
88	STD 3	A082908	TRACE2	08/29/08	20:45		X	IR
89	STD 3 VER	A082908	TRACE2	08/29/08	20:51	AH	B	CONC
90	ICV	A082908	TRACE2	08/29/08	20:56	AH	Q	CONC
91	ICB	A082908	TRACE2	08/29/08	21:01	AH	B	CONC
92	CRI	A082908	TRACE2	08/29/08	21:07	AH	B	CONC
93	ICSA	A082908	TRACE2	08/29/08	21:12	AH	Q	CONC
94	ICSAB	A082908	TRACE2	08/29/08	21:17	AH	Q	CONC
95	CCV	A082908	TRACE2	08/29/08	21:24	AH	Q	CONC
96	CCB	A082908	TRACE2	08/29/08	21:30	AH	B	CONC
97	AD849057 A522	A082908	TRACE2	08/29/08	21:35	AH	S	CONC
98	AD849058 A526	A082908	TRACE2	08/29/08	21:41	AH	S	CONC
99	IDL1	A082908	TRACE2	08/29/08	21:49	AH	S	CONC
100	IDL2	A082908	TRACE2	08/29/08	21:54	AH	S	CONC
101	IDL3	A082908	TRACE2	08/29/08	22:00	AH	S	CONC
102	IDL4	A082908	TRACE2	08/29/08	22:05	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	IDL5	A082908	TRACE2	08/29/08	22:10	AH	S	CONC
104	IDL6	A082908	TRACE2	08/29/08	22:16	AH	S	CONC
105	IDL7	A082908	TRACE2	08/29/08	22:21	AH	S	CONC
106	AD848920/PB	A082908	TRACE2	08/29/08	22:27	AH	S	CONC
107	CCV	A082908	TRACE2	08/29/08	22:34	AH	Q	CONC
108	CCB	A082908	TRACE2	08/29/08	22:39	AH	B	CONC
109	AD848919/CLPSL	A082908	TRACE2	08/29/08	22:44	AH	S	CONC
110	AD848900 A475	A082908	TRACE2	08/29/08	22:50	AH	S	CONC
111	AD848901	A082908	TRACE2	08/29/08	22:55	AH	S	CONC
112	AD848902	A082908	TRACE2	08/29/08	23:01	AH	S	CONC
113	AD848903	A082908	TRACE2	08/29/08	23:06	AH	S	CONC
114	AD848904	A082908	TRACE2	08/29/08	23:11	AH	S	CONC
115	AD848905	A082908	TRACE2	08/29/08	23:17	AH	S	CONC
116	AD848906	A082908	TRACE2	08/29/08	23:22	AH	S	CONC
117	AD848907 A519	A082908	TRACE2	08/29/08	23:28	AH	S	CONC
118	AD848908	A082908	TRACE2	08/29/08	23:33	AH	S	CONC
119	CCV	A082908	TRACE2	08/29/08	23:40	AH	Q	CONC
120	CCB	A082908	TRACE2	08/29/08	23:45	AH	B	CONC
121	AD848909	A082908	TRACE2	08/29/08	23:51	AH	S	CONC
122	AD848909/L (1:5)	A082908	TRACE2	08/29/08	23:56	AH	S	CONC
123	AD848909/PS	A082908	TRACE2	08/30/08	00:01	AH	S	CONC
124	AD848910/MS	A082908	TRACE2	08/30/08	00:07	AH	S	CONC
125	AD848911/SD	A082908	TRACE2	08/30/08	00:12	AH	S	CONC
126	AD848912	A082908	TRACE2	08/30/08	00:18	AH	S	CONC
127	AD848913	A082908	TRACE2	08/30/08	00:23	AH	S	CONC
128	AD848914	A082908	TRACE2	08/30/08	00:29	AH	S	CONC
129	AD848915	A082908	TRACE2	08/30/08	00:34	AH	S	CONC
130	AD848916	A082908	TRACE2	08/30/08	00:39	AH	S	CONC
131	CCV	A082908	TRACE2	08/30/08	00:46	AH	Q	CONC
132	CCB	A082908	TRACE2	08/30/08	00:52	AH	B	CONC
133	AD848917	A082908	TRACE2	08/30/08	00:57	AH	S	CONC
134	AD848918	A082908	TRACE2	08/30/08	01:02	AH	S	CONC
135	AD848730/(1:10) A460	A082908	TRACE2	08/30/08	01:08	AH	S	CONC
136	AD848731/(1:10)	A082908	TRACE2	08/30/08	01:13	AH	S	CONC
137	AD848732/(1:20)	A082908	TRACE2	08/30/08	01:19	AH	S	CONC
138	AD848732	A082908	TRACE2	08/30/08	01:24	AH	S	CONC
139	AD848733/(1:10)	A082908	TRACE2	08/30/08	01:32	AH	S	CONC
140	AD848734/(1:10)	A082908	TRACE2	08/30/08	01:38	AH	S	CONC
141	AD848735/(1:10)	A082908	TRACE2	08/30/08	01:43	AH	S	CONC
142	AD848735/L (1:50)	A082908	TRACE2	08/30/08	01:49	AH	S	CONC
143	CCV	A082908	TRACE2	08/30/08	01:56	AH	Q	CONC
144	CCB	A082908	TRACE2	08/30/08	02:01	AH	B	CONC
145	AD848735/PS (1:10)	A082908	TRACE2	08/30/08	02:06	AH	S	CONC
146	AD848736/MS (1:20)	A082908	TRACE2	08/30/08	02:12	AH	S	CONC
147	AD848737/SD (1:20)	A082908	TRACE2	08/30/08	02:17	AH	S	CONC
148	AD848738/(1:20)	A082908	TRACE2	08/30/08	02:23	AH	S	CONC
149	AD848739/(1:10)	A082908	TRACE2	08/30/08	02:28	AH	S	CONC
150	AD848739	A082908	TRACE2	08/30/08	02:34	AH	S	CONC
151	AD848693/(1:10) A441	A082908	TRACE2	08/30/08	02:42	AH	S	CONC
152	AD848696/(1:5)	A082908	TRACE2	08/30/08	02:47	AH	S	CONC
153	AD848675/(1:5) A420	A082908	TRACE2	08/30/08	02:53	AH	S	CONC
154	AD848676/(1:5)	A082908	TRACE2	08/30/08	02:58	AH	S	CONC
155	CCV	A082908	TRACE2	08/30/08	03:05	AH	Q	CONC
156	CCB	A082908	TRACE2	08/30/08	03:10	AH	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD848686/(1:5)	A082908	TRACE2	08/30/08	03:16	AH	S	CONC
158	AD848687/(1:5)	A082908	TRACE2	08/30/08	03:21	AH	S	CONC
159	AD848664/(1:10) A407	A082908	TRACE2	08/30/08	03:27	AH	S	CONC
160	AD848665/(1:10)	A082908	TRACE2	08/30/08	03:32	AH	S	CONC
161	AD848667/(1:10)	A082908	TRACE2	08/30/08	03:38	AH	S	CONC
162	AD848670/(1:10)	A082908	TRACE2	08/30/08	03:43	AH	S	CONC
163	AD848582/(1:5) A420	A082908	TRACE2	08/30/08	03:48	AH	S	CONC
164	AD848591/(1:5)	A082908	TRACE2	08/30/08	03:54	AH	S	CONC
165	AD848592/(1:5)	A082908	TRACE2	08/30/08	03:59	AH	S	CONC
166	CCV	A082908	TRACE2	08/30/08	04:06	AH	Q	CONC
167	CCB	A082908	TRACE2	08/30/08	04:12	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.06119	8.33688	41.3584	84.4887	50.511	18.450
2	As1890	-.00407	.48624	2.36676	4.79118	.99477	.36384
3	B_2496	.01924	1.34429	6.65506	13.4291	1.0098	.37243
4	Ba4934	.0051	4.59364	22.8845	46.6965	1.0088	.37177
5	Be3130	.21102	7.43197	36.2136	72.6363	.99854	.37035
6	Ca3179	.01366			62.0644	50.025	18.447
7	Cd2265	-.02091	10.8383	53.2752	106.579	.99355	.37005
8	Co2286	-.00368	.62999	3.14017	6.32245	1.0002	.37053
9	Cr2677	.00285	1.88878	9.41655	18.9505	1.0028	.37136
10	Cu3247	.01532	.89207	4.40452	8.93334	1.0071	.36965
11	Fe2714	-.0019	1.80707	8.98365	18.0356	50.048	18.549
12	K_7664	-.07984			73.2417	50.168	18.863
13	Mg2790	.00142			110.612	50.178	18.361
14	Mn2576	.00047	1.33669	6.64886	13.3629	1.0015	.37078
15	Mo2020	.00261	.9454	4.70576	9.47472	1.0061	.37599
16	Na3302	.00843			3.06505	49.688	18.371
17	Ni2316	-.05596	4.75858	23.7087	47.8153	.99733	.37089
18	2203/1	.0043	1.40307	6.75222	13.6216	.98931	.36615
19	2203/2	-.00487	1.37457	6.88801	13.8266	.99841	.37300
20	Sb2068	.00261	.32776	1.66123	3.359	1.0151	.37974
21	1960/1	-.0228	.33714	1.69262	3.50676	.99727	.36631
22	1960/2	.01081	.61883	3.04715	6.23595	1.0114	.36951
23	Ti3372	.0815	5.47692	26.9207	54.7117	1.0052	.37369
24	Tl1908	-.01102	.31861	1.60805	3.29331	.99573	.36882
25	V_2924	.0013	.28334	1.40577	2.83719	1.0053	.37149
26	Zn2062	.00213	.19677	.96629	1.92694	.99609	.37337
27	Sn1899	-.03502	1.45057	7.37782	14.8941	1.0028	.37425
28	Ag3280	.00095	1.5628	7.77745	15.7754	1.0074	.37089
29	*Y	4208.06	4210.39	4185.6	4138.42	4151.55	4184.1
30	PB2203					.99538	.37072
31	SE1960					1.0067	.36844

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00489	.20213	514.92	505.23	24.487	.03124
2	As1890	.00113	.01069	.00275	.10682	.48924	.00150
3	B_2496	.00095	.02123	.00121	.01488	.49311	.00021
4	Ba4934	.00007	.00201	.00089	.50776	.49292	-.00002
5	Be3130	.00009	.00206	.00103	.48697	.49331	.00007
6	Ca3179	.00460	.49628	512.46	498.42	24.506	.03543
7	Cd2265	.00015	.00108	.00150	.95923	.49180	.00010
8	Co2286	.00040	.00370	.00066	.48229	.49378	.00025
9	Cr2677	.00017	.00387	-.00227	.47829	.49489	.00007
10	Cu3247	.00073	.01025	.00108	.51481	.49352	-.00002
11	Fe2714	.01050	.05990	197.65	95.912	24.723	.01443
12	K_7664	.00942	.47915	.00625	.01142	25.077	.01284
13	Mg2790	.00422	.19723	507.22	489.17	24.247	.04122
14	Mn2576	.00017	.00306	.00161	.47730	.49375	.00015
15	Mo2020	.00082	.01000	.00085	.00183	.49928	.00107
16	Na3302	.01544	.88630	-.04263	-.23750	24.401	-.13670
17	Ni2316	.00067	.01026	.00063	.93194	.49199	.00008
18	2203/1	-.00104	.00484	-.01626	.03351	.48702	.00118

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00065	.00589	.01087	.05578	.49415	-.00157
20	Sb2068	.00145	.01588	.00350	.62333	.50275	-.00010
21	1960/1	.00560	.01487	-.00057	.05793	.48445	.00842
22	1960/2	.00549	.01773	-.00408	.05435	.49671	.00252
23	Ti3372	.00032	.00472	.00130	.00231	.49732	.00004
24	Tl1908	.00574	.02009	-.00455	.09094	.48558	.00459
25	V_2924	.00009	.00500	-.00016	.50094	.49455	-.00020
26	Zn2062	.00032	.01104	-.00500	.93650	.49355	.00024
27	Sn1899	.00282	.00947	.00200	.00107	.49802	.00159
28	Ag3280	-.00005	.00251	.00018	.21203	.49526	.00026
29	*Y	4141.05	4150.01	3849.15	3935.03	4184.55	4183.88
30	PB2203	.00008	.00554	.00183	.04836	.49177	-.00065
31	SE1960	.00552	.01677	-.00291	.05555	.49262	.00448

#	Element	AD843276	AD843281	AD8'8/PB	AD8'/LCS	AD8'EBLK	AD848870
1	Al3082	.03345	.02424	.01706	.02775	.02642	.19935
2	As1890	.00163	.00088	.00194	1.0391	.00304	.00198
3	B_2496	.20993	.21694	.00180	.09336	H.09298	.86451
4	Ba4934	.02982	.02971	.00000	.99202	H.00996	.35269
5	Be3130	.00001	.00001	-.00001	.96157	.00003	.00395
6	Ca3179	33.123	33.797	.04253	.74996	H.74638	46.667
7	Cd2265	.00008	.00007	.00002	1.0078	.00015	.00980
8	Co2286	-.00017	.00000	.00024	.96010	.00016	.05963
9	Cr2677	.00017	.00071	.00006	.95307	.00091	.00527
10	Cu3247	.00193	.00162	.00030	1.0245	.00333	.99272
11	Fe2714	.05648	.06520	.02057	.07991	.01807	8.4143
12	K_7664	4.7177	4.8187	-.00183	.40847	.44615	24.829
13	Mg2790	15.133	15.529	.00706	.16262	.16543	44.326
14	Mn2576	.18324	.16459	.00010	.98412	.00089	1.0924
15	Mo2020	-.00002	.00125	.00025	1.0068	.00375	.00480
16	Na3302	25.250	25.964	-.06428	1258.2	H1262.9	H1229.7
17	Ni2316	.01132	.01183	-.00006	.98447	.00019	.05410
18	2203/1	.00077	.00191	.00133	.98645	.00432	2.9268
19	2203/2	-.00043	-.00065	.00042	.98605	-.00085	2.9316
20	Sb2068	-.00142	.00063	.00083	1.0135	.00271	-.00165
21	1960/1	.00210	.00673	.00001	1.0191	.00759	.00780
22	1960/2	-.00382	-.00029	.00118	1.0306	.00075	.00008
23	Ti3372	-.00019	.00032	.00006	.00044	.00035	.00005
24	Tl1908	.00266	.00129	.00613	.98742	.00273	.00175
25	V_2924	-.00033	-.00012	-.00012	.99968	.00012	.00846
26	Zn2062	.03591	.02620	.00084	1.0037	.00435	2.8169
27	Sn1899	.00288	.00328	.00234	.00401	.00477	.00250
28	Ag3280	-.00066	.00015	.00025	1.0162	.00065	-.00020
29	*Y	4242.38	4225.84	4226.85	3987.41	3974.03	4034.18
30	PB2203	-.00002	.00020	.00072	.98618	.00086	2.9300
31	SE1960	-.00184	.00204	.00079	1.0268	.00303	.00265

#	Element	AD848871	AD848872	AD848873	AD8'1:5)	CCV	CCB
1	Al3082	.23080	.28607	1.0465	.24128	24.554	.01010
2	As1890	.00311	.00719	.00172	.00161	.48963	.00001
3	B_2496	.77323	.64594	.15198	.03169	.49159	-.00046
4	Ba4934	.54963	.31742	3.3932	.66515	.49459	-.00007
5	Be3130	.00671	.00276	.00002	.00004	.49243	.00005
6	Ca3179	52.073	46.128	22.954	4.5970	24.500	.00857
7	Cd2265	.01327	.00987	.00020	.00016	.49023	-.00002
8	Co2286	.09510	.04500	.20989	.04125	.49349	-.00050
9	Cr2677	.02240	.00687	.00223	.00093	.49372	.00006
10	Cu3247	.44230	.46893	H124.39	23.862	.49432	.00005
11	Fe2714	26.259	6.6899	.49731	.10894	24.675	.00450
12	K_7664	23.870	28.576	.55552	.08883	25.079	.00839
13	Mg2790	32.089	20.454	1.3478	.27322	24.407	.00862
14	Mn2576	1.3349	1.2518	.12287	.02410	.49218	.00009
15	Mo2020	.00650	.00351	.00432	.00105	.49808	.00077
16	Na3302	H1180.9	H1220.6	H1262.2	275.71	24.495	-.04832
17	Ni2316	.08828	.12346	.00453	.00119	.49028	-.00038
18	2203/1	4.4254	5.2085	-.00343	-.00152	.48767	.00158
19	2203/2	4.4373	5.2195	.00383	.00229	.49266	.00093
20	Sb2068	.00121	-.00010	.00087	-.00002	.50523	-.00013
21	1960/1	.00190	.01200	.00690	.00286	.48976	.00490
22	1960/2	.00270	.00122	.00145	.00176	.49526	.00023
23	Ti3372	.00004	.00122	.00004	.00004	.49920	-.00015
24	Tl1908	.00109	-.00160	-.00163	.00020	.49062	.00157
25	V_2924	.00194	.00183	.00729	.00135	.49672	-.00033
26	Zn2062	2.9790	2.4978	1.2390	.24503	.49199	.00013
27	Sn1899	.00553	.00556	.00332	.00239	.49644	.00117
28	Ag3280	.00009	.00004	-.00013	.00004	.49475	-.00027
29	*Y	4114.88	3995.44	3974.89	4100.78	4141.69	4137.26
30	PB2203	4.4334	5.2159	.00141	.00102	.49100	.00115
31	SE1960	.00243	.00481	.00327	.00213	.49342	.00179

#	Element	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD848712	AD8'0/PB	AD8'9/FB
1	Al3082	1.0372	1.0249	1.0237	70.308	.01805	10.063
2	As1890	1.0774	1.0360	1.0322	.02573	.00172	.20756
3	B_2496	.15113	.14845	.14830	.11669	.00298	.20496
4	Ba4934	4.3812	4.3122	4.3013	.62912	.00000	.20596
5	Be3130	1.0128	.96362	.95749	.01081	-.00002	.19838
6	Ca3179	22.812	22.564	22.466	C.00000	.04942	9.9333
7	Cd2265	1.0373	.99344	.98770	.00061	-.00002	.20103
8	Co2286	1.2044	1.1542	1.1483	.02793	-.00009	.20283
9	Cr2677	.99782	.95168	.94483	.06118	-.00023	.19482
10	Cu3247	H124.26	H122.63	H121.87	.10506	.00018	.20041
11	Fe2714	.57072	.54981	.54411	119.87	.00151	10.096
12	K_7664	.55497	.52901	.52916	9.6093	-.00207	10.389
13	Mg2790	1.3472	1.3248	1.3211	68.959	.00055	9.9179
14	Mn2576	1.1354	1.0894	1.0832	4.7310	.00007	.19819
15	Mo2020	1.0651	1.0073	1.0034	.00578	.00025	.20278
16	Na3302	H1255.6	H1245.3	H1241.6	2.1100	-.10710	10.149
17	Ni2316	1.0190	.97604	.97056	.07150	.00008	.19676
18	2203/1	1.0179	.97776	.97517	.06564	-.00026	.19821

#	Element	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD848712	AD8'0/PB	AD8'9/FB
19	2203/2	1.0205	.99028	.98390	.06930	.00087	.20147
20	Sb2068	1.0682	1.0104	1.0089	-.00325	-.00272	.20225
21	1960/1	1.0551	1.0157	1.0104	.00982	-.00261	.19221
22	1960/2	1.0537	1.0279	1.0229	.00027	.00013	.20277
23	Ti3372	.00052	.00004	-.00021	1.2655	.00022	.19518
24	Tl1908	1.0363	.97569	.97213	-.00953	.00091	.19448
25	V_2924	1.0524	1.0088	1.0051	.09085	-.00020	.20379
26	Zn2062	2.2625	2.2015	2.1878	.18132	.00086	.19860
27	Sn1899	.00853	.00404	.00419	.02970	-.00030	.20958
28	Ag3280	1.0625	1.0107	1.0036	-.00045	-.00095	.05040
29	*Y	3975.75	3991.28	3984.9	4333.35	4193.85	4144.65
30	PB2203	1.0196	.98611	.98099	.06808	.00049	.20039
31	SE1960	1.0542	1.0238	1.0187	.00345	-.00078	.19925

#	Element	AD848950	AD848951	AD848952	AD848953	CCV	CCB
1	Al3082	.02752	3.6444	11.401	28.875	24.601	.01199
2	As1890	.00739	.00142	.01092	.01706	.48729	.00052
3	B_2496	3.7119	.17356	.08073	.14292	.48946	.00002
4	Ba4934	.40640	.05378	.08194	.18649	.49721	-.00009
5	Be3130	.00001	.00022	.00060	.00150	.49093	.00004
6	Ca3179	101.51	186.49	200.90	199.54	24.435	.01092
7	Cd2265	.00002	-.00001	.00000	-.00022	.48568	.00000
8	Co2286	.00481	.00305	.00735	.01942	.48961	-.00001
9	Cr2677	.00268	.02238	.02913	.06489	.49110	.00016
10	Cu3247	.00033	.00409	.02126	.03994	.49454	-.00035
11	Fe2714	7.3677	3.6379	17.505	48.558	24.489	.00751
12	K_7664	148.63	6.7763	4.5843	9.6349	24.919	.00487
13	Mg2790	73.795	46.067	56.638	51.813	24.183	.01018
14	Mn2576	.50431	.31576	.41787	.97754	.48875	.00010
15	Mo2020	.00116	.00295	.00189	.00523	.49643	.00083
16	Na3302	H574.40	61.937	10.372	31.412	24.416	-.23191
17	Ni2316	.01796	.04938	.02269	.05262	.48905	-.00039
18	2203/1	-.00067	.00306	.00905	.02076	.48367	.00105
19	2203/2	.00046	.00075	.01065	.02318	.49226	.00156
20	Sb2068	.00270	-.00262	-.00013	-.00061	.50212	.00012
21	1960/1	.00627	.00407	.00560	.00386	.48569	.00204
22	1960/2	.00066	-.00187	.00308	-.00033	.48813	.00530
23	Ti3372	.00054	.10263	.25870	.38260	.50180	-.00011
24	Tl1908	.00183	.00110	.00343	.00057	.48938	.00009
25	V_2924	-.00013	.00620	.02526	.05438	.49635	-.00024
26	Zn2062	.00566	.01116	.05911	.11374	.48786	.00020
27	Sn1899	.00478	.00148	.00240	.00389	.49100	.00045
28	Ag3280	-.00048	-.00013	.00229	.00091	.49280	-.00012
29	*Y	4080.15	4126.16	4157.85	4184.03	4110.56	4110.53
30	PB2203	.00008	.00152	.01011	.02237	.48940	.00139
31	SE1960	.00253	.00010	.00392	.00106	.48731	.00421

#	Element	AD8'1:5)	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD848956	AD848957
1	Al3082	5.8744	38.525	38.009	36.618	5.2246	2.3585
2	As1890	.00558	.22361	.22191	.22172	.02440	.00330
3	B_2496	.02941	.34316	.34118	.33415	.09329	.10598
4	Ba4934	.03766	.38831	.38314	.37538	.37469	.26023
5	Be3130	.00032	.20360	.19702	.19754	.00065	.00027
6	Ca3179	40.530	205.87	215.96	211.31	368.29	158.88
7	Cd2265	-.00015	.19828	.19186	.19205	-.00003	.00015
8	Co2286	.00391	.21976	.21613	.21607	.00688	.02676
9	Cr2677	.01359	.25823	.25423	.25124	8.5254	24.008
10	Cu3247	.00754	.24377	.24144	.24105	.03580	.69728
11	Fe2714	9.9861	57.665	59.465	58.050	58.443	195.71
12	K_7664	1.8088	20.312	18.896	18.309	4.4602	2.6440
13	Mg2790	10.524	61.005	63.037	61.692	100.30	51.034
14	Mn2576	.20010	1.1574	1.1969	1.1714	.48441	.72205
15	Mo2020	.00168	.21182	.20275	.20222	.09857	.25772
16	Na3302	6.3981	40.987	42.533	41.558	318.09	167.43
17	Ni2316	.01057	.24676	.24318	.24231	.27454	2.4786
18	2203/1	.00388	.21154	.21236	.21001	.00352	.00371
19	2203/2	.00507	.22083	.21609	.21836	.00758	.00174
20	Sb2068	-.00162	.20899	.17869	.17978	.00516	.00846
21	1960/1	.00486	.19789	.19426	.20182	.00255	.00364
22	1960/2	-.00345	.20629	.19979	.20035	-.00024	-.00717
23	Ti3372	.07595	.58142	.56857	.52321	.08946	.04465
24	Tl1908	.00320	.19642	.18676	.18487	.00003	L-.01019
25	V_2924	.01101	.26081	.25228	.25054	.04554	.07180
26	Zn2062	.02387	.30531	.30343	.30170	.04117	.01141
27	Sn1899	.00272	.18987	.20280	.19998	.00745	.01068
28	Ag3280	.00040	.05261	.05144	.05143	.00001	-.00035
29	*Y	4140.6	4184.85	4161.49	4152.75	4000.58	4176.9
30	PB2203	.00468	.21774	.21485	.21558	.00623	.00240
31	SE1960	-.00068	.20349	.19795	.20084	.00068	-.00356

#	Element	AD848958	AD848959	AD848960	AD848961	CCV	CCB
1	Al3082	3.5256	22.704	1.1915	.10022	24.723	.01482
2	As1890	.00439	.01341	.00479	.02269	.49551	.00184
3	B_2496	.03081	.09577	.04380	.12767	.49251	.00006
4	Ba4934	1.0150	.22227	.30769	.21780	.50207	-.00002
5	Be3130	.00033	.00119	.00006	.00000	.49212	.00008
6	Ca3179	208.51	172.80	97.339	58.555	24.674	.00978
7	Cd2265	-.00034	-.00002	-.00003	.00012	.48878	.00006
8	Co2286	.00347	.03343	.00109	.00023	.49350	.00031
9	Cr2677	.00725	.85643	.03589	.02294	.49188	.00018
10	Cu3247	.00401	.06833	.00315	.00568	.49787	-.00046
11	Fe2714	121.42	41.207	10.264	1.9893	24.635	.01359
12	K_7664	2.1095	10.170	3.8222	8.2246	25.275	.00602
13	Mg2790	51.488	67.236	26.899	18.073	24.451	.01477
14	Mn2576	.46976	.66867	.20302	.04840	.49064	.00014
15	Mo2020	.00333	.07427	.00288	.00802	.50008	.00075
16	Na3302	33.577	73.168	31.289	30.413	24.759	.02831
17	Ni2316	.00619	.83767	.01535	.01441	.49102	.00009
18	2203/1	.00594	.01976	.00095	.16799	.48510	.00103

#	Element	AD848958	AD848959	AD848960	AD848961	CCV	CCB
19	2203/2	.00355	.02044	.00314	.17235	.50090	.00117
20	Sb2068	-.00053	.00359	.00022	.00286	.51171	.00136
21	1960/1	.00497	.00753	.00372	.00674	.48420	.00237
22	1960/2	-.00329	-.00144	-.00043	.00446	.50440	.00177
23	Ti3372	.05655	.39727	.02014	.00224	.50943	.00006
24	Tl1908	-.00627	-.00136	.00079	.00252	.48747	.00231
25	V_2924	.00701	.05747	.00224	.00002	.50365	.00014
26	Zn2062	.01032	.10613	.01482	.00634	.49381	.00014
27	Sn1899	.00412	.00533	.00312	.00293	.49498	.00285
28	Ag3280	-.00002	.00017	-.00015	.00008	.49366	-.00012
29	*Y	4094.51	4141.01	4151.89	4156.88	4107.64	4106.14
30	PB2203	.00434	.02021	.00241	.17090	.49564	.00112
31	SE1960	-.00053	.00154	.00095	.00522	.49766	.00197

#	Element	AD848962	AD848963	AD848964	AD848965	AD848966	AD848967
1	Al3082	.09757	40.738	29.133	.40437	.28598	3.8693
2	As1890	.02807	.26264	.05985	.00285	.00141	.00962
3	B_2496	.12839	.06544	.06624	.02288	.07450	.04191
4	Ba4934	.21691	.53958	.73830	.10985	.05372	.23661
5	Be3130	.00003	.00260	.00170	.00011	.00006	.00028
6	Ca3179	58.296	90.868	518.13	110.53	65.599	283.81
7	Cd2265	.00010	-.00036	.00035	-.00003	-.00009	.00314
8	Co2286	.00071	.04174	.03908	.00039	.00072	.00500
9	Cr2677	.01859	.05220	.06408	.00226	.00608	.01262
10	Cu3247	.00643	.03679	.05370	.00095	.00013	.02871
11	Fe2714	1.9550	66.486	53.881	2.0518	.39953	6.2334
12	K_7664	8.0241	8.1267	13.717	2.0301	3.0824	2.2134
13	Mg2790	18.060	25.488	160.18	29.746	14.231	92.167
14	Mn2576	.04858	1.9569	1.8439	.21234	.89815	6.9418
15	Mo2020	.00749	.01245	.02577	.00238	.00484	.00422
16	Na3302	30.229	13.188	H885.63	17.668	98.246	179.42
17	Ni2316	.01106	.05833	.09804	.00152	.00234	.01193
18	2203/1	.17915	.02423	.02389	.00414	.00095	.00296
19	2203/2	.18647	.02844	.02822	-.00151	.00091	.00508
20	Sb2068	.00476	.00087	.00663	.00003	.00040	.00209
21	1960/1	.00272	.00145	.00227	.01139	.00232	-.00074
22	1960/2	.00728	-.00024	-.00128	.00059	.00034	.00411
23	Ti3372	.00197	.35269	.41288	.01225	.00567	.08807
24	Tl1908	-.00079	-.00273	-.00371	-.00061	-.00015	-.00141
25	V_2924	.00024	.07746	.06926	.00046	.00053	.00941
26	Zn2062	.00550	.12672	.19640	.00270	.00293	.03059
27	Sn1899	.00057	.00617	.00447	.00325	.00210	.00366
28	Ag3280	-.00028	-.00050	-.00063	.00053	-.00005	.00029
29	*Y	4136.1	4327.88	3963.45	4063.09	4085.51	4046.4
30	PB2203	.18403	.02704	.02678	.00036	.00092	.00438
31	SE1960	.00576	.00032	-.00009	.00419	.00100	.00249

#	Element	AD848968	AD8'0/PB	AD8'9/FB	AD849038	CCV	CCB
1	Al3082	.07812	.02437	10.109	1.1912	24.582	-.00287
2	As1890	.09604	-.00003	.21169	.00270	.49057	-.00097
3	B_2496	17.098	.01534	.20929	.21827	.49222	-.00191
4	Ba4934	.29446	-.00008	.20752	.18284	.49633	-.00004
5	Be3130	.00027	.00013	.20247	.00053	.48880	.00013
6	Ca3179	49.024	.05641	10.225	H611.28	24.487	.00896
7	Cd2265	-.00015	.00003	.20357	.00007	.48713	-.00056
8	Co2286	.05045	.00026	.20661	.00061	.49169	-.00195
9	Cr2677	.15737	.00018	.19784	.00113	.49136	-.00211
10	Cu3247	.00400	-.00038	.20421	.00043	.49432	-.00336
11	Fe2714	4.3496	.01130	10.271	.08759	24.593	-.03029
12	K_7664	H584.18	.04019	10.513	49.667	25.292	.01431
13	Mg2790	105.81	.01043	10.105	22.506	24.339	.01208
14	Mn2576	.39474	.00022	.20061	.03042	.48976	-.00017
15	Mo2020	.01171	.00010	.20583	.03441	.49871	.00132
16	Na3302	H1414.3	.09758	10.219	H2324.4	24.639	-.02775
17	Ni2316	.24749	-.00017	.20082	.00391	.48606	-.00277
18	2203/1	.00771	-.00185	.20003	-.00285	.48174	.01429
19	2203/2	-.00695	.00226	.20784	.00234	.49435	-.00796
20	Sb2068	.01042	-.00168	.20708	.00089	.50670	-.00380
21	1960/1	.01275	-.00250	.20385	.00528	.48325	.01203
22	1960/2	.00153	-.00129	.20806	.00240	.48987	-.00927
23	Ti3372	.31263	.00011	.20138	-.00028	.50304	.00014
24	Tl1908	-.00215	.00104	.20375	.00140	.48396	.00021
25	V_2924	.07691	.00006	.20843	.00801	.50144	-.00259
26	Zn2062	.01065	.00124	.20472	.00216	.49049	-.00054
27	Sn1899	.01675	.00179	.20845	.00283	.49636	.00153
28	Ag3280	.00022	-.00025	.05057	-.00071	.49402	.00026
29	*Y	3784.54	4054.2	4046.18	3628.91	4083.34	4072.31
30	PB2203	-.00207	.00089	.20524	.00061	.49015	-.00054
31	SE1960	.00527	-.00169	.20665	.00336	.48766	-.00217

#	Element	AD849039	AD849040	AD849041	AD849042	AD849043	AD849044
1	Al3082	.05938	.06072	.38674	.02265	.01908	.01974
2	As1890	.00189	.00184	.07291	.00192	.00094	.00184
3	B_2496	.00544	.00535	7.6868	.01101	.01031	.00642
4	Ba4934	.01964	.01943	.33516	.00001	.02604	.02297
5	Be3130	.00005	.00005	.00015	.00003	.00003	.00002
6	Ca3179	31.076	30.781	104.15	.08395	79.784	45.065
7	Cd2265	-.00001	.00006	-.00008	.00009	-.00011	.00003
8	Co2286	-.00013	-.00018	.02006	.00042	.00028	.00026
9	Cr2677	-.00009	.00003	.10052	.00015	.00232	.00004
10	Cu3247	.00004	.00003	.00090	-.00048	-.00030	-.00031
11	Fe2714	.00920	-.00290	1.8954	.01939	.00244	.04225
12	K_7664	1.5664	1.5578	H446.40	.11330	3.3158	2.2236
13	Mg2790	8.3137	8.2807	175.50	.05013	51.495	30.215
14	Mn2576	.00236	.00229	.14253	.00020	.00014	.00210
15	Mo2020	-.00044	.00023	.00752	.00029	-.00062	.00118
16	Na3302	13.725	13.778	H1112.3	.29019	3.1040	2.4140
17	Ni2316	.00083	.00147	.08948	.00241	-.00015	.00002
18	2203/1	-.00276	-.00019	.00495	-.00124	-.00081	-.00040

#	Element	AD849039	AD849040	AD849041	AD849042	AD849043	AD849044
19	2203/2	.00166	.00224	-.00185	.00179	-.00079	-.00041
20	Sb2068	.00021	-.00256	.00238	-.00074	.00015	-.00051
21	1960/1	-.00220	.00865	.00992	.00350	.00185	.00238
22	1960/2	.00268	.00044	-.00142	.00110	.00607	.00111
23	Ti3372	-.00046	.00009	.23339	.00011	.00008	.00019
24	Tl1908	-.00011	.00120	.00048	.00189	.00330	.00394
25	V_2924	.00031	.00026	.04208	.00009	-.00024	-.00028
26	Zn2062	.00165	.00302	.04847	.00103	.00185	.00190
27	Sn1899	.00197	.00176	.00833	.00335	.00229	.00330
28	Ag3280	-.00070	-.00029	.00064	.00009	.00004	-.00001
29	*Y	4118.33	4132.73	3879.86	4091.4	4100.4	4110.49
30	PB2203	.00019	.00143	.00040	.00078	-.00080	-.00041
31	SE1960	.00105	.00318	.00235	.00190	.00466	.00153

#	Element	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
1	Al3082	.01940	10.123	10.207	9.9203	24.667	.01341
2	As1890	.00166	.20964	.21665	.20872	.49744	.00196
3	B_2496	.00272	.20944	.21362	.20348	.49002	.00006
4	Ba4934	.00461	.22963	.23397	.22708	.50040	.00005
5	Be3130	.00005	.20529	.20518	.20059	.49364	.00031
6	Ca3179	9.0134	54.469	56.819	54.948	24.825	.00595
7	Cd2265	.00004	.20437	.20683	.19883	.49186	.00011
8	Co2286	.00028	.20673	.21075	.20278	.49645	.00000
9	Cr2677	.00025	.19932	.20316	.19546	.49487	-.00017
10	Cu3247	.00008	.20523	.20747	.20194	.49566	-.00074
11	Fe2714	.01703	10.412	10.569	10.176	24.732	.00964
12	K_7664	.41881	12.942	13.239	12.710	25.284	.01382
13	Mg2790	6.0011	39.971	42.106	40.149	24.720	.00630
14	Mn2576	.00051	.20572	.20907	.20075	.49220	.00016
15	Mo2020	.00016	.21207	.21477	.20531	.50282	.00095
16	Na3302	.48816	12.609	12.740	12.314	24.712	-.05212
17	Ni2316	-.00004	.20113	.20130	.19740	.49153	.00003
18	2203/1	.00092	.19618	.20137	.19229	.49054	.00154
19	2203/2	.00152	.20370	.20672	.20403	.50633	.00065
20	Sb2068	.00257	.20904	.21800	.20907	.51643	.00104
21	1960/1	.00451	.20113	.20487	.19306	.49223	-.00118
22	1960/2	.00272	.20997	.20563	.20687	.50112	-.00178
23	Ti3372	-.00003	.20467	.20429	.19974	.51077	.00021
24	Tl1908	.00175	.20251	.20075	.19871	.49081	.00180
25	V_2924	.00036	.21290	.21534	.20663	.50678	-.00037
26	Zn2062	.00015	.20487	.20693	.19902	.49884	.00023
27	Sn1899	.00032	.19451	.21545	.20201	.49969	-.00016
28	Ag3280	.00000	.05201	.05338	.04976	.49369	-.00036
29	*Y	4081.2	4132.43	3970.16	4033.46	4017.68	4016.96
30	PB2203	.00132	.20120	.20494	.20012	.50107	.00095
31	SE1960	.00332	.20702	.20538	.20226	.49815	-.00158

#	Element	AD849047	AD849048	AD849049	AD849050	AD849051	AD849052
1	Al3082	.02103	.08145	.02233	.02233	.04076	.06385
2	As1890	.00272	.00162	.00093	.00276	.02152	.00143
3	B_2496	.00902	.01523	.00441	.13181	.19840	.18671
4	Ba4934	.02391	.02075	-.00001	.01628	.01569	.02015
5	Be3130	.00018	.00020	.00024	.00045	.00034	.00033
6	Ca3179	64.158	41.760	.08071	504.23	373.94	406.21
7	Cd2265	.00000	-.00003	-.00003	.00021	.00001	-.00004
8	Co2286	.00004	.00017	-.00017	.00578	.00818	.00240
9	Cr2677	.00054	.00032	.00016	.00115	.00113	.00034
10	Cu3247	-.00048	-.00034	-.00094	-.00004	.00023	-.00006
11	Fe2714	.02035	.08425	.01145	.03744	15.639	3.0032
12	K_7664	2.9898	2.6937	.00731	5.8637	10.212	10.335
13	Mg2790	41.915	29.982	.00507	199.54	179.74	194.51
14	Mn2576	.00034	.00734	.00014	11.231	3.5691	1.1308
15	Mo2020	.00054	.00008	.00031	.00048	.00122	-.00011
16	Na3302	29.594	27.137	-.09442	40.477	39.094	40.084
17	Ni2316	.00073	.00013	-.00006	.03185	.01184	.00656
18	2203/1	-.00065	-.00094	.00046	-.00022	-.00400	-.00200
19	2203/2	.00084	.00068	.00119	-.00054	.00229	.00164
20	Sb2068	.00223	-.00143	-.00157	.00064	.00150	.00020
21	1960/1	.00182	.00251	.00406	.00632	.00633	-.00142
22	1960/2	.00260	.00341	.00165	-.00377	.00512	.00325
23	Ti3372	-.00009	.00155	-.00007	.00018	.00006	.00059
24	Tl1908	.00168	-.00165	.00305	-.00398	.00495	.00128
25	V_2924	-.00019	.00015	-.00050	-.00032	-.00006	-.00018
26	Zn2062	.00269	.00303	.00143	.00288	.01050	.00797
27	Sn1899	.00126	.00107	.00163	.00103	.00346	.00192
28	Ag3280	-.00026	-.00085	-.00022	.00025	-.00054	-.00058
29	*Y	4012.95	3997.16	3954.75	3822.19	3937.2	3899.06
30	PB2203	.00034	.00014	.00095	-.00044	.00019	.00042
31	SE1960	.00234	.00311	.00245	-.00040	.00552	.00169

#	Element	AD849053	AD849054	AD849055	AD849056	CCV	CCB
1	Al3082	.04525	.34267	.14491	.04167	24.664	.01382
2	As1890	.02174	.00178	.01083	.02379	.49161	.00113
3	B_2496	1.8523	.31291	1.2181	.26432	.49190	-.00051
4	Ba4934	.07376	.02186	5.6416	.23544	.50037	.00014
5	Be3130	.00020	.00039	.00222	.00010	.49185	.00028
6	Ca3179	62.980	291.17	C.00000	122.16	24.651	.01290
7	Cd2265	.00009	.00024	.00092	.00048	.48985	.00020
8	Co2286	.00318	.00019	.00376	.00180	.49423	-.00005
9	Cr2677	.01403	.00114	.00266	.00241	.49394	.00016
10	Cu3247	.00101	.00233	.01010	.03515	.49569	-.00055
11	Fe2714	.81567	1.0086	3.3086	.11169	24.650	.01063
12	K_7664	50.423	2.6046	C.00000	168.36	25.529	.02328
13	Mg2790	13.425	180.14	8.5719	19.417	24.491	.00853
14	Mn2576	.53635	.06084	2.0870	.01444	.49135	.00021
15	Mo2020	.00468	.00113	.11091	.27477	.50206	.00194
16	Na3302	167.77	59.324	H2588.2	H554.76	24.671	.02475
17	Ni2316	.02379	.00669	.01367	.00820	.48959	-.00026
18	2203/1	-.00142	.00193	.00059	.00097	.48924	.00082

#	Element	AD849053	AD849054	AD849055	AD849056	CCV	CCB
19	2203/2	.00235	.00070	.02135	.00317	.49819	.00009
20	Sb2068	-.00047	-.00079	.00903	.00593	.51381	.00064
21	1960/1	.00339	.00664	-.00654	.00460	.48493	.00644
22	1960/2	.00123	.00345	.00415	.00165	.49633	.00134
23	Ti3372	.00676	.00575	.00210	.00057	.50828	.00025
24	Tl1908	.00049	.00116	.00502	.00176	.48674	.00109
25	V_2924	.00444	-.00020	.00310	.00218	.50432	-.00002
26	Zn2062	.01975	.16537	.01934	.02791	.49550	-.00015
27	Sn1899	.00714	.00192	.00464	.00298	.49908	.00336
28	Ag3280	.00005	.00007	-.00088	.00010	.49542	.00020
29	*Y	3929.55	3821.03	3090.38	3978.15	4071.3	4074.9
30	PB2203	.00109	.00111	.01444	.00243	.49521	.00033
31	SE1960	.00195	.00451	.00058	.00263	.49252	.00304

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.07186	8.38941	41.5587	84.3512	50.700	18.460
2	As1890	.00067	.48294	2.38382	4.81408	1.0123	.37139
3	B_2496	.03018	1.3518	6.598	13.3575	1.0132	.37105
4	Ba4934	-.00013	4.64869	23.2189	47.0864	1.0130	.37165
5	Be3130	.21943	7.39412	36.0739	71.9785	1.0030	.37141
6	Ca3179	.01109			62.0973	50.427	18.563
7	Cd2265	-.01627	10.7957	53.0589	106.228	.99531	.36974
8	Co2286	-.00172	.63633	3.15185	6.33996	1.0005	.36940
9	Cr2677	.00728	1.90032	9.40867	18.9577	1.0034	.36987
10	Cu3247	.01022	.89476	4.42655	8.94359	1.0103	.36943
11	Fe2714	-.00012	1.80774	8.97904	18.0203	50.034	18.503
12	K_7664	-.03525			74.6264	50.234	18.679
13	Mg2790	.00161			110.699	50.220	18.379
14	Mn2576	.00197	1.33369	6.61775	13.3116	1.0026	.36967
15	Mo2020	.00307	.95076	4.70911	9.51938	1.0087	.37592
16	Na3302	.01036			3.09662	50.119	18.448
17	Ni2316	-.05587	4.7502	23.6095	47.3771	1.0013	.37136
18	2203/1	.00775	1.36144	6.79776	13.5868	.99973	.36916
19	2203/2	-.01346	1.42626	6.96731	14.005	.99465	.37021
20	Sb2068	.00445	.35307	1.7032	3.42543	1.0039	.37256
21	1960/1	-.00382	.3143	1.70625	3.46467	1.0368	.38211
22	1960/2	.03463	.65014	3.12825	6.29769	1.0114	.37178
23	Ti3372	.07298	5.57832	27.5767	55.6198	1.0090	.37424
24	Tl1908	-.01273	.31623	1.60399	3.23925	1.0027	.37512
25	V_2924	.00135	.28997	1.4379	2.90074	1.0056	.36967
26	Zn2062	.00209	.19763	.97031	1.9365	.99681	.37255
27	Sn1899	-.00153	1.47456	7.37632	14.8493	1.0040	.37168
28	Ag3280	.00173	1.55201	7.76042	15.7338	1.0123	.37109
29	*Y	4055.93	4088.25	4069.8	4045.69	4037.48	4076.59
30	PB2203					.99634	.36986
31	SE1960					1.0199	.37522

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00307	.20206	509.22	503.88	24.600	.03087
2	As1890	.00092	.01039	.00060	.10693	.49361	-.00061
3	B_2496	-.00042	.02007	.00026	.01491	.49290	-.00023
4	Ba4934	.00012	.00211	.00103	.50687	.49448	.00018
5	Be3130	.00013	.00200	.00093	.48669	.49548	.00015
6	Ca3179	.00850	.49954	509.65	503.31	24.777	.03250
7	Cd2265	.00015	.00098	-.00012	.96183	.49256	.00015
8	Co2286	-.00010	.00368	.00045	.48134	.49241	-.00008
9	Cr2677	-.00019	.00356	-.00315	.47833	.49422	.00021
10	Cu3247	.00042	.00986	.00076	.51199	.49396	.00011
11	Fe2714	.01323	.05548	194.97	95.979	24.716	.01082
12	K_7664	-.02278	.45625	-.00134	-.01840	24.948	-.01377
13	Mg2790	.00951	.20333	501.81	490.33	24.425	.02984
14	Mn2576	.00011	.00296	.00134	.47812	.49353	.00011
15	Mo2020	.00100	.01053	.00207	.00065	.49835	.00178
16	Na3302	-.04206	.98993	-.04299	-.36827	24.466	-.09850
17	Ni2316	-.00002	.00965	.00055	.93178	.49478	.00006
18	2203/1	-.00021	.00676	-.00937	.03828	.49561	-.00119
19	2203/2	.00088	.00618	.01215	.06202	.48879	.00283
20	Sb2068	.00200	.01900	.00083	.60842	.49548	.00065
21	1960/1	.00308	.01304	-.00578	.04509	.50070	-.01025
22	1960/2	-.00311	.00973	-.00551	.04376	.49116	-.00203
23	Ti3372	.00028	.00491	.00138	.00259	.49849	.00036
24	Tl1908	.00304	.02425	-.01768	.08890	.48958	.00293
25	V_2924	.00004	.00503	-.00035	.50015	.49253	.00017
26	Zn2062	.00000	.01076	-.00532	.93588	.49368	.00005
27	Sn1899	-.00003	.00924	-.00268	.00231	.49743	-.00297
28	Ag3280	-.00012	.00311	.00039	.21284	.49741	-.00005
29	*Y	4042.39	4062.45	3822.94	3823.43	4055.7	4050.04
30	PB2203	.00052	.00637	.00498	.05411	.49106	.00149
31	SE1960	-.00104	.01083	-.00560	.04420	.49433	-.00477

#	Element	AD849057	AD849058	IDL1	IDL2	IDL3	IDL4
1	Al3082	.06395	.02266	.09676	.09843	.09900	.09930
2	As1890	.03036	.00088	.03929	.04007	.03838	.04190
3	B_2496	12.490	.15015	.02172	.02080	.01949	.01923
4	Ba4934	.04299	.08983	.00192	.00206	.00208	.00206
5	Be3130	-.00007	.00001	.00193	.00196	.00192	.00197
6	Ca3179	37.941	169.24	.05915	.05582	.05252	.05348
7	Cd2265	.00011	-.00009	.00189	.00205	.00199	.00212
8	Co2286	.01785	.00353	.00441	.00462	.00462	.00487
9	Cr2677	.04595	.00013	.00415	.00464	.00440	.00494
10	Cu3247	.02321	.00008	.00464	.00458	.00466	.00507
11	Fe2714	1.1028	4.2466	.10198	.09862	.10193	.10344
12	K_7664	317.86	4.3464	.34100	.34858	.33958	.35072
13	Mg2790	70.785	32.180	.04879	.05181	.04991	.05052
14	Mn2576	.08745	.96624	.00191	.00190	.00192	.00194
15	Mo2020	.00942	.00171	.01005	.01096	.00989	.01115
16	Na3302	H902.19	18.922	1.8445	2.0206	1.8989	1.9573
17	Ni2316	.14572	.00874	.00977	.00955	.00963	.01017
18	2203/1	.00287	.00205	.01849	.02152	.01931	.01876

#	Element	AD849057	AD849058	IDL1	IDL2	IDL3	IDL4
19	2203/2	.00115	.00054	.02172	.01978	.02126	.02286
20	Sb2068	.00061	-.00020	.03737	.03839	.03799	.04039
21	1960/1	.00182	-.00124	.03127	.03933	.04139	.03469
22	1960/2	-.00368	-.00454	.03704	.03583	.03237	.03529
23	Ti3372	.01440	.00056	.00188	.00211	.00194	.00204
24	Tl1908	.00087	.00258	.04298	.04356	.04460	.04171
25	V_2924	.01647	.00019	.00381	.00380	.00377	.00406
26	Zn2062	.02508	.00386	.00962	.01039	.00987	.01008
27	Sn1899	.00416	.00137	.01882	.01798	.01822	.02124
28	Ag3280	.00012	.00027	.00949	.01016	.00985	.01011
29	*Y	3963.83	4058.81	4088.59	4059.26	4089.19	4057.5
30	PB2203	.00172	.00105	.02064	.02036	.02061	.02149
31	SE1960	-.00184	-.00344	.03511	.03700	.03538	.03509

#	Element	IDL5	IDL6	IDL7	AD8'0/PB	CCV	CCB
1	Al3082	.09820	.10160	.09889	.00428	24.591	.00803
2	As1890	.04107	.04031	.04122	.00118	.49561	-.00006
3	B_2496	.01868	.01917	.01896	-.00004	.49479	-.00080
4	Ba4934	.00206	.00199	.00195	.00007	.49381	.00012
5	Be3130	.00196	.00193	.00200	.00008	.49691	.00008
6	Ca3179	.05175	.05153	.05153	.04721	24.831	.00997
7	Cd2265	.00199	.00207	.00209	-.00017	.49406	.00003
8	Co2286	.00463	.00513	.00514	-.00049	.49441	.00020
9	Cr2677	.00456	.00473	.00470	-.00028	.49438	-.00002
10	Cu3247	.00470	.00479	.00442	.00005	.49371	.00007
11	Fe2714	.09447	.10280	.10535	.00973	24.743	.00908
12	K_7664	.34981	.35029	.36045	.01427	24.830	-.00827
13	Mg2790	.05127	.04930	.05187	.00182	24.684	.00941
14	Mn2576	.00190	.00192	.00196	.00010	.49369	.00005
15	Mo2020	.01046	.01084	.01100	.00004	.49944	.00224
16	Na3302	2.0956	2.0239	2.0382	-.19822	24.401	-.22732
17	Ni2316	.00991	.00960	.00983	-.00084	.49494	-.00062
18	2203/1	.02113	.01957	.01977	.00060	.48990	-.00053
19	2203/2	.01944	.02100	.02058	.00054	.49562	.00038
20	Sb2068	.03559	.03886	.03790	-.00099	.49236	.00146
21	1960/1	.04408	.03994	.03549	-.00697	.50386	-.00064
22	1960/2	.03525	.03817	.03732	-.00039	.49848	-.00195
23	Ti3372	.00209	.00203	.00186	.00033	.50101	.00032
24	Tl1908	.04033	.03866	.04127	-.00026	.49291	.00384
25	V_2924	.00376	.00379	.00414	-.00032	.49479	-.00008
26	Zn2062	.00981	.00992	.01184	.00213	.49576	.00000
27	Sn1899	.02061	.01826	.02148	H.04355	.49757	.00038
28	Ag3280	.01017	.00978	.01040	-.00035	.49616	.00002
29	*Y	4061.74	4069.69	4062.98	3933.53	4077.08	4065.94
30	PB2203	.02001	.02052	.02031	.00056	.49371	.00008
31	SE1960	.03819	.03876	.03671	-.00258	.50026	-.00151

#	Element	AD8'LPSL	AD848900	AD848901	AD848902	AD848903	AD848904
1	Al3082	82.317	42.019	59.245	23.621	35.334	36.975
2	As1890	1.2175	.02323	.41356	.01421	.02037	.01697
3	B_2496	1.2195	.03575	.06287	.02344	.02901	.03552
4	Ba4934	2.1863	.36064	1.7297	.21017	.20534	.22251
5	Be3130	1.0543	.00214	.00521	.00107	.00155	.00168
6	Ca3179	86.725	105.54	149.09	238.12	170.54	230.10
7	Cd2265	.92648	.00043	.00630	.00008	-.00023	-.00024
8	Co2286	1.2244	.03398	.05234	.01970	.02878	.02628
9	Cr2677	2.0137	.05052	.10024	.03534	.04138	.04262
10	Cu3247	1.4185	.09836	1.2575	.08447	.07695	.07647
11	Fe2714	136.57	83.982	148.56	50.757	72.987	72.113
12	K_7664	45.676	7.7215	7.5128	4.6077	5.4086	5.5481
13	Mg2790	41.747	30.650	53.395	47.873	44.929	51.800
14	Mn2576	4.4810	2.3727	3.1572	2.5173	2.7397	2.5306
15	Mo2020	1.0390	.00288	.00955	.00194	.00209	.00138
16	Na3302	7.2684	.69502	1.0543	.54244	.56233	.67784
17	Ni2316	1.1155	.06250	.13831	.03905	.05815	.05347
18	2203/1	1.5303	.18404	4.5451	.05856	.05944	.06878
19	2203/2	1.5191	.18459	4.5136	.06015	.05688	.06198
20	Sb2068	.55518	-.00154	.01548	-.00228	-.00063	.00066
21	1960/1	.89247	-.00634	.00347	-.00144	-.00146	-.00488
22	1960/2	.87312	-.00039	-.00110	-.00467	-.00376	-.00472
23	Ti3372	4.5987	.93774	1.2959	.71384	1.0283	1.1717
24	Tl1908	1.4197	-.00264	-.00575	-.00118	-.00631	-.00410
25	V_2924	1.0928	.09157	.18762	.05657	.07479	.08290
26	Zn2062	2.4579	.36118	1.6412	.14944	.17872	.18736
27	Sn1899	.94256	.01453	.14277	.03786	.03170	.03252
28	Ag3280	.77722	-.00062	.01019	-.00034	-.00015	.00012
29	*Y	4545.45	4457.51	4481.51	4324.61	4363.28	4343.7
30	PB2203	1.5229	.18441	4.5241	.05962	.05773	.06424
31	SE1960	.87956	-.00237	.00042	-.00359	-.00299	-.00477

#	Element	AD848905	AD848906	AD848907	AD848908	CCV	CCB
1	Al3082	38.157	30.547	18.151	24.689	24.702	L-.06165
2	As1890	.03353	.02586	.00794	.01023	.49501	L-.00504
3	B_2496	.03585	.04378	.01189	.01556	.49493	L-.01146
4	Ba4934	.44916	.39034	.14736	.17219	.49416	.00023
5	Be3130	.00226	.00178	.00094	.00120	.49869	.00023
6	Ca3179	166.76	285.92	28.691	78.350	24.855	-.00242
7	Cd2265	.00018	.00004	-.00017	-.00002	.49512	-.00196
8	Co2286	.03191	.02674	.01423	.01965	.49475	L-.00736
9	Cr2677	.06332	.05512	.02948	.03869	.49496	L-.00774
10	Cu3247	.16600	.61906	.01486	.02562	.49529	L-.01151
11	Fe2714	104.95	66.002	35.169	47.706	24.791	L-.13913
12	K_7664	6.0714	6.5396	2.4433	3.6436	24.814	.04504
13	Mg2790	40.681	74.283	8.6535	16.226	24.658	.02498
14	Mn2576	5.7413	2.2646	.35529	.56127	.49373	-.00100
15	Mo2020	.00487	.00652	.00158	.00175	.49897	.00390
16	Na3302	.93445	1.5499	.61597	.91028	24.576	-.02547
17	Ni2316	.05884	.06071	.02822	.04069	.49701	L-.00986
18	2203/1	.64235	.40811	.01714	.02355	.49409	.06125

#	Element	AD848905	AD848906	AD848907	AD848908	CCV	CCB
19	2203/2	.64065	.40568	.01751	.02270	.49302	-.03087
20	Sb2068	-.00013	.00001	-.00363	-.00028	.48966	L-.01061
21	1960/1	-.00747	.00788	.00058	.00253	.51048	.04624
22	1960/2	.00029	-.00322	-.00234	.00213	.48874	-.03087
23	Ti3372	1.0683	.95805	.83699	1.1164	.49791	.00093
24	Tl1908	-.00758	-.00625	-.00147	-.00236	.49144	-.00189
25	V_2924	.12842	.07652	.04731	.06367	.49477	L-.00847
26	Zn2062	.31238	.37179	.09216	.12464	.49447	L-.00323
27	Sn1899	.09062	.10572	.03181	.03187	.49641	.00231
28	Ag3280	.00077	.00501	-.00066	.00003	.49731	.00262
29	*Y	4318.61	4307.4	4257.75	4278.23	4080.45	3929.33
30	PB2203	.64122	.40649	.01739	.02298	.49337	-.00019
31	SE1960	-.00229	.00047	-.00136	.00226	.49598	-.00516

#	Element	AD848909	AD8'1:5)	AD8'9/PS	AD8'0/MS	AD8'1/SD	AD848912
1	Al3082	22.188	4.6741	40.403	37.833	48.184	32.743
2	As1890	.00756	.00177	.40497	.38549	.40584	.01141
3	B_2496	.01239	.00250	.39596	.37981	.39407	.03718
4	Ba4934	.14113	.02973	.52237	.49780	.56794	.18985
5	Be3130	.00137	.00029	.38937	.37088	.38487	.00169
6	Ca3179	63.326	13.239	79.894	91.033	135.40	273.51
7	Cd2265	-.00005	-.00003	.38641	.36960	.38055	-.00008
8	Co2286	.02368	.00502	.41120	.39104	.40987	.02305
9	Cr2677	.03737	.00781	.41151	.39317	.42876	.06633
10	Cu3247	.02888	.00587	.41704	.39861	.41799	.08182
11	Fe2714	49.185	10.375	66.223	56.876	83.920	53.110
12	K_7664	2.8562	.55938	22.535	21.252	23.320	3.7692
13	Mg2790	25.289	5.3149	43.533	51.117	63.230	36.121
14	Mn2576	.69920	.14653	1.0481	1.0653	1.5497	1.2153
15	Mo2020	.00297	.00130	.39756	.37632	.38815	.00644
16	Na3302	.52380	-.02124	20.019	19.043	19.975	.68140
17	Ni2316	.04960	.01030	.42952	.40283	.43220	.06683
18	2203/1	.02420	.00555	.40381	.38926	.40108	.03869
19	2203/2	.02229	.00592	.39685	.38092	.40010	.04044
20	Sb2068	-.00097	-.00105	.37776	.30136	.30633	.00035
21	1960/1	.00298	-.00403	.39967	.36625	.37980	.00150
22	1960/2	-.00156	-.00153	.37554	.35057	.36786	-.00299
23	Ti3372	1.0268	.21586	1.3594	1.3987	1.5696	1.8404
24	Tl1908	-.00288	.00193	.37654	.36391	.37900	-.00050
25	V_2924	.06582	.01364	.45452	.42689	.45966	.11757
26	Zn2062	.13471	.02911	.50720	.47391	.50735	.26682
27	Sn1899	.02710	.00610	.38914	.39362	.40505	.01311
28	Ag3280	-.00029	-.00019	.09939	.09404	.09669	-.00027
29	*Y	4298.59	4127.18	4267.69	4255.58	4224.6	4217.18
30	PB2203	.02293	.00580	.39917	.38370	.40043	.03986
31	SE1960	-.00005	-.00236	.38358	.35580	.37183	-.00149

#	Element	AD848913	AD848914	AD848915	AD848916	CCV	CCB
1	Al3082	23.371	24.022	23.268	24.503	24.717	.00447
2	As1890	.00939	.01246	.01645	.01058	.49612	.00076
3	B_2496	.01213	.01415	.01439	.01310	.49675	-.00129
4	Ba4934	.16729	.13888	.15229	.15351	.49417	.00017
5	Be3130	.00118	.00180	.00185	.00155	.49978	.00007
6	Ca3179	35.483	72.420	92.949	78.226	24.889	.00684
7	Cd2265	-.00015	.00021	.00043	.00078	.49684	.00006
8	Co2286	.01635	.01896	.01826	.01987	.49579	-.00016
9	Cr2677	.03510	.03758	.03787	.04084	.49657	-.00037
10	Cu3247	.02124	.02537	.03140	.03155	.49567	.00008
11	Fe2714	47.167	62.355	60.030	53.648	24.843	.00431
12	K_7664	3.3018	6.2033	6.2911	5.8893	24.845	-.01877
13	Mg2790	11.266	12.423	14.537	12.628	24.764	.00473
14	Mn2576	.46610	.66547	.73614	.69942	.49425	.00004
15	Mo2020	.00173	.00242	.00223	.00226	.49863	.00170
16	Na3302	.80967	.64395	.84791	.88809	24.491	.06018
17	Ni2316	.03283	.03660	.03801	.04183	.49887	.00018
18	2203/1	.02040	.04540	.06656	.07571	.49967	-.00027
19	2203/2	.01509	.04602	.06581	.07587	.49059	.00042
20	Sb2068	-.00127	-.00018	-.00191	-.00093	.49073	.00089
21	1960/1	-.00167	-.00016	.00243	.00023	.51661	-.00171
22	1960/2	-.00303	-.00079	.00246	.00244	.49095	-.00199
23	Ti3372	1.0305	.99530	1.1379	1.1325	.49539	.00117
24	Tl1908	.00074	-.00272	-.00371	.00042	.49471	.00461
25	V_2924	.05897	.06580	.06988	.06294	.49503	-.00029
26	Zn2062	.10515	.18259	.19248	.20032	.49616	-.00007
27	Sn1899	.03395	.03293	.03433	.03121	.49866	-.00053
28	Ag3280	.00019	.00014	-.00057	-.00028	.49805	.00028
29	*Y	4274.92	4339.09	4346.33	4337.06	4077.9	4061.96
30	PB2203	.01686	.04582	.06606	.07582	.49361	.00019
31	SE1960	-.00258	-.00058	.00245	.00171	.49950	-.00189

#	Element	AD848917	AD848918	AD8':10)	AD8':10)	AD8':20)	AD848732
1	Al3082	20.422	24.662	10.748	7.1117	5.2531	102.58
2	As1890	.01359	.01240	.00358	.03736	.00115	.05891
3	B_2496	.01223	.01501	.04555	.02609	.02597	.48783
4	Ba4934	.12584	.16762	.09089	.07368	.03072	.59530
5	Be3130	.00133	.00167	.00233	.00162	.00069	.01264
6	Ca3179	45.261	141.30	137.46	47.181	101.59	C.00000
7	Cd2265	.00059	.00062	.00257	.00076	-.00010	.00150
8	Co2286	.01735	.01940	.00773	.00628	.00151	.03082
9	Cr2677	.03184	.04093	.26858	.07534	.23129	4.2231
10	Cu3247	.02907	.03108	.19027	6.9795	.01752	.34917
11	Fe2714	46.334	54.744	82.848	72.163	46.963	H841.91
12	K_7664	4.8386	6.9002	.42534	.50850	.20037	5.6629
13	Mg2790	9.4358	15.488	29.724	9.8137	13.492	247.59
14	Mn2576	.55474	.78013	9.3945	2.9185	7.6884	H97.150
15	Mo2020	.00223	.00237	.00588	.00797	.00383	.07341
16	Na3302	.59776	.65918	-.07498	.18544	-.22364	2.2654
17	Ni2316	.03677	.03982	.07226	.04162	.00994	.17556
18	2203/1	.04273	.05790	.47228	.22079	.04332	.80681

#	Element	AD848917	AD848918	AD8':10)	AD8':10)	AD8':20)	AD848732
19	2203/2	.04031	.05615	.50924	.21530	.04500	.77644
20	Sb2068	-.00043	-.00168	.00076	.00358	-.00140	.00471
21	1960/1	-.00502	.00201	-.00651	-.00390	-.01121	.02711
22	1960/2	-.00080	-.00226	.00356	-.00286	.00062	-.02944
23	Ti3372	1.1117	1.1984	1.0054	.26163	.77813	H15.463
24	Tl1908	-.00073	.00082	-.00863	-.00453	-.00486	L-.07748
25	V_2924	.05644	.06541	.18116	.03317	.20501	3.8233
26	Zn2062	.17893	.19454	.21277	.67344	.04745	.81420
27	Sn1899	.03685	.01272	.01133	.01098	.00108	.03620
28	Ag3280	-.00046	-.00040	.00017	.00072	-.00031	.00377
29	*Y	4314.56	4234.76	4089.64	4105.28	4074.9	3959.7
30	PB2203	.04111	.05673	.49693	.21713	.04444	.78655
31	SE1960	-.00221	-.00083	.00020	-.00320	-.00332	L-.01059

#	Element	AD8':10)	AD8':10)	AD8':10)	AD8':50)	CCV	CCB
1	Al3082	17.633	13.436	13.499	2.0400	24.780	.00918
2	As1890	.01839	.01891	.00529	-.00009	.49759	.00000
3	B_2496	.03481	.03779	.02596	.00311	.49756	-.00049
4	Ba4934	.21995	.14262	.07045	.01070	.49129	.00016
5	Be3130	.00238	.00241	.00075	.00011	.50175	.00023
6	Ca3179	100.00	98.412	52.533	7.9320	25.032	.01158
7	Cd2265	.00142	.00062	.00082	.00006	.50008	.00016
8	Co2286	.00484	.00358	.00444	.00031	.49819	.00016
9	Cr2677	.39069	.26881	.23085	.03542	.49762	.00035
10	Cu3247	.14893	.06750	.12723	.01893	.49502	.00033
11	Fe2714	72.704	58.026	81.885	12.750	24.984	.01764
12	K_7664	1.0010	.92439	.71151	.07433	24.817	-.00049
13	Mg2790	17.418	18.893	9.4550	1.4740	24.951	.00982
14	Mn2576	6.6931	6.7657	12.216	1.9471	.49690	.00023
15	Mo2020	.00439	.00490	.00294	.00052	.49999	.00144
16	Na3302	.19727	.26850	.46896	-.00078	24.662	-.20076
17	Ni2316	.02380	.01951	.01901	.00272	.50194	.00005
18	2203/1	.93332	.09611	.09012	.01558	.49844	-.00104
19	2203/2	1.0427	.10659	.10521	.01495	.49672	.00146
20	Sb2068	-.00044	.00044	.00040	-.00095	.49273	.00285
21	1960/1	-.00465	-.00578	-.00764	.00407	.51390	.00059
22	1960/2	.00015	.00003	-.00134	-.00244	.49587	.00161
23	Ti3372	.69888	.72765	.57710	.08805	.49508	.00054
24	Tl1908	-.00623	-.00223	-.00929	.00025	.49329	.00322
25	V_2924	.15795	.14255	.14620	.02227	.50030	.00038
26	Zn2062	.51052	.33075	1.0028	.15786	.49933	.00011
27	Sn1899	.00622	.00807	.00629	.00122	.49956	.00000
28	Ag3280	-.00039	-.00031	.00025	-.00006	.49831	.00028
29	*Y	4117.42	4104.79	4073.59	4075.54	4070.66	4056.86
30	PB2203	1.0063	.10310	.10018	.01516	.49729	.00063
31	SE1960	-.00144	-.00190	-.00344	-.00026	.50188	.00127

#	Element	AD8':10)	AD8':20)	AD8':20)	AD8':20)	AD8':10)	AD848739
1	Al3082	32.093	13.907	9.9893	5.9690	13.008	112.08
2	As1890	.40746	.02489	.02273	.00906	.01112	.08994
3	B_2496	.42408	.03926	.03779	.02334	.05542	.48490
4	Ba4934	.46088	.08017	.05508	.06194	.07944	.68906
5	Be3130	.40088	.02152	.02068	.00100	.00239	.01949
6	Ca3179	68.054	47.594	27.104	72.948	215.87	C.00000
7	Cd2265	.40177	.02113	.02060	-.00006	.00028	-.00118
8	Co2286	.40506	.02296	.02180	.00102	.00313	.02521
9	Cr2677	.60220	.13518	.11421	.26332	.46185	3.8620
10	Cu3247	.51588	.07500	.07619	.07801	.03009	.26791
11	Fe2714	96.334	40.360	37.492	41.963	101.34	H836.56
12	K_7664	21.039	1.4166	1.3348	.33592	.51309	5.6880
13	Mg2790	28.852	7.7845	5.8386	14.468	30.632	260.01
14	Mn2576	11.814	12.943	9.8563	9.0064	14.072	H87.498
15	Mo2020	.40945	.02305	.02114	.00324	.00825	.07722
16	Na3302	20.646	1.7386	1.4753	.14995	.17358	3.3378
17	Ni2316	.41197	.03254	.02891	.00764	.01156	.09189
18	2203/1	.48559	.07608	.06924	.02342	.06270	.56450
19	2203/2	.48138	.08846	.06841	.02354	.07139	.53718
20	Sb2068	.38642	.01389	.00907	-.00158	-.00218	-.00069
21	1960/1	.40653	.01259	.01628	-.00133	-.00915	.01581
22	1960/2	.38666	.01630	.01262	-.00384	-.00055	-.03472
23	Ti3372	.91727	.40125	.30331	.73414	1.5691	H13.835
24	Tl1908	.38532	.01485	.01592	-.00169	L-.01191	L-.07596
25	V_2924	.54203	.11829	.10160	.17386	.36691	3.1581
26	Zn2062	1.3249	.56249	.57751	.06937	.07212	.56960
27	Sn1899	.37798	.02701	.02323	.00224	.00399	.04292
28	Ag3280	.10108	.00522	.00474	.00013	.00063	.00291
29	*Y	4068.94	4066.05	4078.31	4079.4	4020.11	4029.68
30	PB2203	.48279	.08433	.06868	.02350	.06849	.54628
31	SE1960	.39328	.01507	.01384	-.00300	-.00342	L-.01787

#	Element	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'1:5)	CCV	CCB
1	Al3082	.08590	.06033	.00464	.00747	24.850	.00555
2	As1890	-.00042	.00158	-.00055	-.00114	.49728	.00267
3	B_2496	.76073	.87150	.06909	.08041	.49639	-.00042
4	Ba4934	.00376	.12623	.01775	.06520	.49197	.00017
5	Be3130	.00006	.00005	.00004	.00003	.50213	.00018
6	Ca3179	18.905	37.216	2.0091	1.4313	25.076	.00705
7	Cd2265	-.00006	-.00016	-.00016	.00005	.50028	.00006
8	Co2286	-.00023	.00125	-.00065	-.00029	.49860	-.00012
9	Cr2677	.00013	.00041	-.00040	.00008	.49832	.00005
10	Cu3247	-.00023	.00061	.00002	-.00011	.49611	-.00046
11	Fe2714	.12206	7.9609	.22894	-.00079	25.047	.00639
12	K_7664	3.8951	17.084	.46140	.37442	24.930	-.00795
13	Mg2790	12.776	24.675	.86725	.58842	25.012	.00693
14	Mn2576	.00680	.15555	.00570	.00112	.49795	.00013
15	Mo2020	.00081	-.00025	.00014	.00146	.50210	.00161
16	Na3302	183.75	91.619	119.80	157.47	24.893	.05405
17	Ni2316	-.00052	.00128	.00052	-.00015	.50134	-.00013
18	2203/1	.00410	.00056	.00178	.00381	.50036	.00179

#	Element	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'1:5)	CCV	CCB
19	2203/2	.00117	.00103	.00046	-.00083	.49391	.00066
20	Sb2068	-.00170	.00093	-.00347	.00119	.49370	-.00063
21	1960/1	.00282	-.00591	-.00163	-.00492	.52069	.00077
22	1960/2	-.00432	-.00151	-.00267	-.00388	.48912	-.00090
23	Ti3372	.00582	.00275	.00071	.00025	.49619	.00060
24	Tl1908	.00403	.00223	.00330	.00346	.49214	.00408
25	V_2924	-.00008	.00039	-.00025	-.00037	.50196	.00000
26	Zn2062	.00071	.02566	-.00012	-.00012	.50015	-.00006
27	Sn1899	-.00041	.00051	-.00049	-.00094	.50159	.00000
28	Ag3280	-.00011	-.00045	-.00004	.00007	.49802	.00033
29	*Y	3997.09	4043.7	4028.74	4016.18	4047.56	4033.76
30	PB2203	.00215	.00087	.00090	.00071	.49606	.00104
31	SE1960	-.00194	-.00298	-.00232	-.00423	.49964	-.00034

#	Element	AD8'1:5)	AD8'1:5)	AD8':10)	AD8':10)	AD8':10)	AD8':10)
1	Al3082	.01253	.01316	.00869	.00374	.02004	.01483
2	As1890	.00093	-.00015	.00022	-.00003	.00316	-.00145
3	B_2496	.05615	.05810	.10488	.10253	.04435	.00684
4	Ba4934	.02382	.03297	.03094	.03210	.03451	.00689
5	Be3130	.00005	.00006	.00005	.00005	.00006	.00007
6	Ca3179	.53518	.88896	6.5793	7.2579	6.2411	2.9884
7	Cd2265	-.00007	.00006	.00049	.00000	.00044	-.00007
8	Co2286	-.00036	-.00015	.00431	.00190	.00453	.00049
9	Cr2677	-.00033	.00011	.00017	-.00020	.00017	-.00020
10	Cu3247	-.00014	-.00005	.00071	-.00018	.00118	-.00031
11	Fe2714	.00364	.01988	.61135	1.1757	5.7536	2.5515
12	K_7664	1.1198	.33735	2.1163	2.2166	1.1375	.83942
13	Mg2790	.18572	.24895	2.5886	2.4480	1.9453	.75015
14	Mn2576	.00042	.00130	4.2822	5.8511	3.0270	3.1017
15	Mo2020	.00136	.00097	-.00133	-.00013	.00000	-.00007
16	Na3302	129.82	148.49	16.376	16.440	8.5504	1.5681
17	Ni2316	-.00003	.00016	.00239	.00161	.00440	-.00004
18	2203/1	.00078	.00187	-.00139	.00059	.04723	.00104
19	2203/2	.00169	.00164	.00235	-.00011	.05062	.00230
20	Sb2068	-.00138	-.00170	-.00018	-.00174	.00121	-.00094
21	1960/1	-.00103	-.00585	.00321	-.00346	-.00488	-.00556
22	1960/2	-.00454	-.00277	-.00621	-.00642	-.00289	-.00331
23	Ti3372	.00042	.00046	.00021	.00065	.00083	.00055
24	Tl1908	.00351	.00370	.00446	.00216	.00098	.00006
25	V_2924	-.00029	-.00008	.00033	-.00014	.00025	-.00020
26	Zn2062	-.00006	.00115	.00364	.00255	.01768	.00232
27	Sn1899	-.00103	.00130	-.00022	-.00027	.00082	.00056
28	Ag3280	.00003	.00002	-.00009	.00018	-.00022	-.00035
29	*Y	4027.95	4020.41	4032.6	4036.39	4075.46	4075.58
30	PB2203	.00139	.00171	.00110	.00012	.04949	.00188
31	SE1960	-.00337	-.00380	-.00307	-.00543	-.00355	-.00406

#	Element	AD8'1:5)	AD8'1:5)	AD8'1:5)	CCV	CCB	
1	Al3082	.02007	.00983	.00987	24.634	.00875	
2	As1890	.00036	-.00024	.00186	.49160	.00080	
3	B_2496	.07211	.05595	.05725	.49627	-.00044	
4	Ba4934	.01809	.02413	.04168	.49210	.00023	
5	Be3130	.00006	.00006	.00005	.49752	.00015	
6	Ca3179	2.0937	.53746	.61569	24.833	.00774	
7	Cd2265	.00001	-.00008	-.00001	.49666	.00007	
8	Co2286	-.00028	-.00007	-.00009	.49449	-.00014	
9	Cr2677	-.00021	.00004	.00010	.49560	-.00018	
10	Cu3247	-.00048	.00011	-.00005	.49328	-.00022	
11	Fe2714	.22094	.01403	.00642	24.924	.00124	
12	K_7664	.47190	1.1535	1.0087	24.696	-.01157	
13	Mg2790	.88696	.19454	.21398	24.812	.00699	
14	Mn2576	.00587	.00042	.00071	.49593	.00007	
15	Mo2020	.00013	.00137	.00085	.49893	.00100	
16	Na3302	122.53	131.56	140.46	24.270	-.02510	
17	Ni2316	.00005	.00013	.00056	.49751	-.00033	
18	2203/1	-.00008	.00104	.00001	.49151	.00055	
19	2203/2	.00052	-.00006	.00060	.49366	.00115	
20	Sb2068	-.00023	.00119	-.00114	.48890	-.00025	
21	1960/1	.00247	-.00722	-.00790	.50658	.00409	
22	1960/2	-.00670	-.00279	-.00521	.49346	.00206	
23	Ti3372	.00017	.00040	.00030	.49598	.00042	
24	Tl1908	.00271	.00635	.00108	.48630	.00257	
25	V_2924	.00004	.00005	-.00012	.49891	-.00012	
26	Zn2062	.00019	.00006	.00006	.49577	-.00019	
27	Sn1899	.00013	-.00073	.00049	.49429	.00179	
28	Ag3280	-.00006	.00057	-.00035	.49666	.00031	
29	*Y	4036.01	4017.79	4015.99	4045.88	4032.75	
30	PB2203	.00032	.00030	.00040	.49295	.00095	
31	SE1960	-.00364	-.00426	-.00611	.49783	.00274	

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 08/29/08 11:54:59 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 08/29/08 11:49:38

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.06119	-.00408	.01925	.00511	.21102	.01366	-.02091
SDev	.00516	.01067	.00267	.00218	.00016	.00049	.00099
%RSD	8.4386	261.64	13.894	42.688	.07436	3.6149	4.7469
#1	.06484	.00347	.02114	.00665	.21091	.01401	-.02161
#2	.05754	-.01163	.01736	.00357	.21113	.01331	-.02021

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00368	.00285	.01532	-.00190	-.07984	.00143	.00048
SDev	.00286	.00437	.00890	.00303	.00901	.00336	.00067
%RSD	77.606	153.22	58.042	159.08	11.290	235.57	141.42
#1	-.00166	.00594	.02161	.00024	-.08622	-.00095	.00000
#2	-.00571	-.00024	.00904	-.00404	-.07347	.00380	.00095

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00261	.00843	-.05597	.00430	-.00488	.00262	-.02281
SDev	.00369	.00453	.00828	.06856	.02202	.00790	.01712
%RSD	141.42	53.716	14.786	1593.4	451.17	301.86	75.077
#1	.00523	.01164	-.05012	-.04418	.01069	-.00297	-.03491
#2	.00000	.00523	-.06182	.05278	-.02045	.00820	-.01070

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.01081	.08151	-.01103	.00131	.00214	-.03503	.00095
SDev	.00587	.00599	.00689	.00017	.00033	.05996	.00571
%RSD	54.329	7.3474	62.508	12.783	15.640	171.18	599.77
#1	.01496	.08574	-.01590	.00143	.00238	-.07743	-.00309
#2	.00666	.07727	-.00615	.00119	.00190	.00737	.00499

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4208	--	--	--	--	--	--
SDev	3.129155	--	--	--	--	--	--
%RSD	.0743609	--	--	--	--	--	--
#1	4210	--	--	--	--	--	--
#2	4206	--	--	--	--	--	--

Standardization Rpt. 08/29/08 11:59:55 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 08/29/08 11:55:02

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.3369	.48625	1.3443	4.5936	7.4320	10.838	.62999
SDev	.0065	.01128	.0122	.0082	.0052	.023	.00473
%RSD	.07782	2.3206	.90600	.17772	.06990	.21589	.75126
#1	8.3323	.49423	1.3357	4.5879	7.4283	10.822	.62664
#2	8.3415	.47827	1.3529	4.5994	7.4357	10.855	.63334

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8888	.89208	1.8071	1.3367	.94540	4.7586	1.4031
SDev	.0068	.00196	.0001	.0006	.00550	.0148	.0323
%RSD	.36048	.21975	.00361	.04390	.58218	.31085	2.3026
#1	1.8840	.89069	1.8070	1.3371	.94151	4.7690	1.4259
#2	1.8936	.89347	1.8071	1.3363	.94929	4.7481	1.3802

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.3746	.32776	.33714	.61883	5.4769	.31861	.28335
SDev	.0181	.01152	.01169	.04403	.0137	.01298	.00110
%RSD	1.3144	3.5158	3.4686	7.1147	.25062	4.0738	.38712
#1	1.3618	.31961	.32888	.58770	5.4866	.30943	.28257
#2	1.3874	.33591	.34541	.64997	5.4672	.32779	.28412

Elem	Zn2062	Sn1899	Ag3280
Avge	.19678	1.4506	1.5628
SDev	.00057	.0189	.0022
%RSD	.28754	1.2999	.14045
#1	.19638	1.4639	1.5644
#2	.19718	1.4372	1.5612

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4210	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0314894	--	--	--	--	--	--
#1	4211	--	--	--	--	--	--
#2	4209	--	--	--	--	--	--

Standardization Rpt. 08/29/08 12:04:52 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 08/29/08 11:59:59

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.358	2.3668	6.6551	22.885	36.214	53.275	3.1402
SDev	.112	.0151	.0125	.063	.100	.006	.0011
%RSD	.27001	.63933	.18834	.27602	.27703	.01079	.03350
#1	41.279	2.3561	6.6639	22.840	36.143	53.271	3.1394
#2	41.437	2.3775	6.6462	22.929	36.285	53.279	3.1409

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.4166	4.4045	8.9837	6.6489	4.7058	23.709	6.7522
SDev	.0112	.0108	.0033	.0007	.0076	.056	.0203
%RSD	.11910	.24416	.03710	.01093	.16240	.23790	.30136
#1	9.4245	4.3969	8.9860	6.6494	4.7112	23.669	6.7378
#2	9.4086	4.4121	8.9813	6.6484	4.7004	23.749	6.7666

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.8880	1.6612	1.6926	3.0472	26.921	1.6081	1.4058
SDev	.0068	.0011	.0219	.0303	.083	.0229	.0010
%RSD	.09871	.06771	1.2944	.99600	.30769	1.4243	.07417
#1	6.8928	1.6604	1.6771	3.0257	26.862	1.5919	1.4065
#2	6.8832	1.6620	1.7081	3.0686	26.979	1.6242	1.4050

Elem	Zn2062	Sn1899	Ag3280
Avge	.96629	7.3778	7.7775
SDev	.00158	.0233	.0276
%RSD	.16397	.31612	.35443
#1	.96517	7.3613	7.7970
#2	.96741	7.3943	7.7580

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4186	--	--	--	--	--	--
SDev	11.98560	--	--	--	--	--	--
%RSD	.2863532	--	--	--	--	--	--
#1	4194	--	--	--	--	--	--
#2	4177	--	--	--	--	--	--

Standardization Rpt. 08/29/08 12:10:17 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 08/29/08 12:04:56

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	84.489	4.7912	13.429	46.696	72.636	62.064	106.58
SDev	.233	.0313	.011	.141	.135	.129	.03
%RSD	.27601	.65315	.08226	.30293	.18595	.20718	.03009
#1	84.324	4.7691	13.421	46.596	72.541	61.973	106.60
#2	84.654	4.8133	13.437	46.796	72.732	62.155	106.56

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.3225	18.950	8.9333	18.036	73.242	110.61	13.363
SDev	.0009	.015	.0239	.013	.004	.15	.005
%RSD	.01416	.07774	.26746	.07289	.00576	.13720	.03722
#1	6.3218	18.961	8.9164	18.045	73.245	110.72	13.366
#2	6.3231	18.940	8.9502	18.026	73.239	110.50	13.359

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.4747	3.0651	47.815	13.622	13.827	3.3590	3.5068
SDev	.0333	.0007	.076	.004	.071	.0152	.0011
%RSD	.35145	.02211	.15933	.03141	.51311	.45225	.03107
#1	9.4512	3.0646	47.761	13.625	13.776	3.3483	3.5060
#2	9.4983	3.0655	47.869	13.619	13.877	3.3697	3.5075

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	6.2360	54.712	3.2933	2.8372	1.9269	14.894	15.775
SDev	.0137	.141	.0184	.0015	.0021	.003	.011
%RSD	.22043	.25735	.55880	.05291	.10696	.01792	.06909
#1	6.2457	54.612	3.2803	2.8361	1.9255	14.896	15.783
#2	6.2262	54.811	3.3063	2.8383	1.9284	14.892	15.768

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4138	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0615126	--	--	--	--	--	--
#1	4137	--	--	--	--	--	--
#2	4140	--	--	--	--	--	--

Standardization Report 08/29/08 12:10:17 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.600746	-.036449	08/29/08 12:04:56
As1890	189.042	Multiple	Standards	.206923	.000829	08/29/08 12:04:56
B_2496	249.678	Multiple	Standards	.075185	-.001443	08/29/08 12:04:56
Ba4934	493.409	Multiple	Standards	.021686	-.000106	08/29/08 12:04:56
Be3130	313.042	Multiple	Standards	.013850	-.002922	08/29/08 12:04:56
Ca3179	317.933	STD 3	STD BLK	.989983	-.003002	08/29/08 12:04:56
Cd2265	226.502	Multiple	Standards	.009327	.000185	08/29/08 12:04:56
Co2286	228.616	Multiple	Standards	.158471	.000582	08/29/08 12:04:56
Cr2677	267.716	Multiple	Standards	.053009	-.000150	08/29/08 12:04:56
Cu3247	324.753	Multiple	Standards	.113421	-.001732	08/29/08 12:04:56
Fe2714	271.441	Multiple	Standards	2.77329	.005151	08/29/08 12:04:56
K_7664	766.491	STD 3	STD BLK	.993425	.023232	08/29/08 12:04:56
Mg2790	279.078	STD 3	STD BLK	.985475	.000914	08/29/08 12:04:56
Mn2576	257.610	Multiple	Standards	.074971	-.000037	08/29/08 12:04:56
Mo2020	202.030	Multiple	Standards	.105954	-.000276	08/29/08 12:04:56
Na3302	330.232	STD 3	STD BLK	1.01213	-.009587	08/29/08 12:04:56
Ni2316	231.604	Multiple	Standards	.020883	.001164	08/29/08 12:04:56
2203/1	220.351	Multiple	Standards	.075027	-.000341	08/29/08 12:04:56
2203/2	220.352	Multiple	Standards	.071391	.000349	08/29/08 12:04:56
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.302330	-.000776	08/29/08 12:04:56
1960/1	196.021	Multiple	Standards	.284117	.006462	08/29/08 12:04:56
1960/2	196.022	Multiple	Standards	.160721	-.001730	08/29/08 12:04:56
Ti3372	337.280	Multiple	Standards	.018487	-.001504	08/29/08 12:04:56
Tl1908	190.864	Multiple	Standards	.300036	.003305	08/29/08 12:04:56
V_2924	292.402	Multiple	Standards	.354482	-.000462	08/29/08 12:04:56
Zn2062	206.200	Multiple	Standards	.517623	-.001113	08/29/08 12:04:56
Sn1899	189.989	Multiple	Standards	.067264	.002357	08/29/08 12:04:56
Ag3280	328.068	Multiple	Standards	.063909	-.000059	08/29/08 12:04:56

Standardization Readback Report 08/29/08 12:10:17 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000310	-.000310
		STD 1	5.00000	4.97190	.028101
		STD 2	25.0000	24.8094	.190563
		STD 3	50.0000	50.7198	-.719807

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101445	-.001445
		STD 2	.500000	.490567	.009433
		STD 3	1.00000	.992237	.007763

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099628	.000372
		STD 2	.500000	.498915	.001085
		STD 3	1.00000	1.00822	-.008222

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099512	.000488
		STD 2	.500000	.496166	.003834
		STD 3	1.00000	1.01255	-.012551

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100014	-.000014
		STD 2	.500000	.498651	.001349
		STD 3	1.00000	1.00312	-.003121

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.013664	-.003139
		STD 3	61.4397	62.0644	-.624699

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101271	-.001271
		STD 2	.500000	.497071	.002929
		STD 3	1.00000	.994229	.005771

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100417	-.000417
		STD 2	.500000	.498207	.001793
		STD 3	1.00000	1.00251	-.002506

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099973	.000027
		STD 2	.500000	.499016	.000984
		STD 3	1.00000	1.00440	-.004402

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099448	.000552
		STD 2	.500000	.497833	.002167
		STD 3	1.00000	1.01150	-.011497

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000125	.000125
		STD 1	5.00000	5.01671	-.016712
		STD 2	25.0000	24.9195	.080530
		STD 3	50.0000	50.0232	-.023216

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.079843	.023757
		STD 3	72.7834	73.2418	-.458336

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.001427	.000893
		STD 3	109.006	110.612	-1.60570

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100177	-.000177
		STD 2	.500000	.498438	.001562
		STD 3	1.00000	1.00180	-.001802

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099893	.000107
		STD 2	.500000	.498319	.001681
		STD 3	1.00000	1.00361	-.003609

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	.008435	-.009484
		STD 3	3.09264	3.06505	.027590

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100538	-.000538
		STD 2	.500000	.496279	.003721
		STD 3	1.00000	.999700	.000300

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.104928	-.004928
		STD 2	.500000	.506260	-.006260
		STD 3	1.00000	1.02165	-.021650

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.098482	.001518
		STD 2	.500000	.492094	.007906
		STD 3	1.00000	.987452	.012548

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000015	-.000015
		STD 1	.100000	.098316	.001684
		STD 2	.500000	.501464	-.001464
		STD 3	1.00000	1.01475	-.014750

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.102251	-.002251
		STD 2	.500000	.487365	.012635
		STD 3	1.00000	1.00280	-.002795

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.097729	.002271
		STD 2	.500000	.488011	.011989
		STD 3	1.00000	1.00052	-.000516

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099749	.000251
		STD 2	.500000	.496187	.003813
		STD 3	1.00000	1.00997	-.009966

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.098900	.001100
		STD 2	.500000	.485779	.014221
		STD 3	1.00000	.991417	.008583

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099979	.000021
		STD 2	.500000	.497859	.002141
		STD 3	1.00000	1.00527	-.005272

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100743	-.000743
		STD 2	.500000	.499062	.000938
		STD 3	1.00000	.996316	.003684

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099928	.000072
		STD 2	.500000	.498617	.001383
		STD 3	1.00000	1.00419	-.004187

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099818	.000182
		STD 2	.500000	.496988	.003012
		STD 3	1.00000	1.00813	-.008129

CorCoef: 0.99997

Analysis Report Blank Sample 08/29/08 12:15:41 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 08/29/08 12:10:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.511	.99477	1.0098	1.0088	.99854	50.025	.99356
SDev	.251	.00291	.0010	.0054	.00447	.231	.00025
%RSD	.49605	.29226	.10357	.53901	.44813	.46203	.02494
#1	50.688	.99683	1.0105	1.0126	1.0017	50.189	.99338
#2	50.334	.99272	1.0090	1.0049	.99538	49.862	.99373
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0002	1.0028	1.0071	50.048	50.168	50.178	1.0015
SDev	.0007	.0009	.0054	.049	.010	.029	.0005
%RSD	.07227	.08546	.54062	.09740	.02000	.05827	.04798
#1	.99974	1.0022	1.0109	50.013	50.175	50.158	1.0012
#2	1.0008	1.0034	1.0032	50.082	50.161	50.199	1.0019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0061	49.688	.99734	.98932	.99842	.99539	1.0067
SDev	.0000	.283	.00361	.00132	.00232	.00199	.0032
%RSD	.00094	.56987	.36147	.13381	.23237	.19975	.31789
#1	1.0061	49.888	.99989	.99025	1.0001	.99679	1.0089
#2	1.0062	49.487	.99479	.98838	.99678	.99398	1.0044
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0151	.99727	1.0114	1.0052	.99574	1.0053	.99609
SDev	.0002	.00382	.0029	.0047	.00474	.0003	.00081
%RSD	.02280	.38269	.28594	.46906	.47594	.03364	.08080
#1	1.0150	.99997	1.0134	1.0086	.99909	1.0055	.99552
#2	1.0153	.99457	1.0094	1.0019	.99239	1.0050	.99666
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0028	1.0074
SDev	.0027	.0001
%RSD	.26827	.00904
#1	1.0047	1.0075
#2	1.0009	1.0073
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4152	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.2197157	--	--	--	--	--	--
#1	4145	--	--	--	--	--	--
#2	4158	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 12:21:05 PM page 1

Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 08/29/08 12:15:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.450	.36384	.37244	.37177	.37035	18.447	.37006
SDev	.057	.00195	.00205	.00134	.00082	.043	.00075
%RSD	.31035	.53473	.54984	.36114	.22282	.23041	.20268
#1	18.409	.36522	.37389	.37082	.36977	18.417	.37059
#2	18.490	.36247	.37099	.37272	.37094	18.477	.36953
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37053	.37137	.36966	18.549	18.863	18.361	.37079
SDev	.00051	.00023	.00164	.007	.028	.025	.00005
%RSD	.13747	.06252	.44330	.03743	.14886	.13482	.01204
#1	.37089	.37153	.36850	18.554	18.843	18.379	.37076
#2	.37017	.37120	.37082	18.544	18.882	18.344	.37082
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37600	18.371	.37090	.36615	.37300	.37072	.36844
SDev	.00014	.055	.00158	.00050	.00178	.00102	.00515
%RSD	.03787	.29761	.42454	.13581	.47775	.27595	1.3975
#1	.37590	18.332	.36979	.36651	.37174	.37000	.36480
#2	.37610	18.410	.37201	.36580	.37426	.37145	.37209
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37974	.36632	.36951	.37370	.36883	.37150	.37338
SDev	.00136	.00065	.00805	.00095	.00162	.00039	.00083
%RSD	.35841	.17858	2.1787	.25304	.43925	.10394	.22219
#1	.38070	.36678	.36382	.37303	.36997	.37122	.37396
#2	.37878	.36585	.37521	.37437	.36768	.37177	.37279
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37425	.37089
SDev	.00062	.00003
%RSD	.16475	.00944
#1	.37469	.37087
#2	.37382	.37092
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4184	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1520987	--	--	--	--	--	--
#1	4189	--	--	--	--	--	--
#2	4180	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 12:26:28 PM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 08/29/08 12:21:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00489	.00113	.00095	.00007	.00010	.00460	.00015
SDev	.00720	.00193	.00018	.00013	.00009	.00451	.00012
%RSD	147.13	170.53	18.966	184.08	89.257	97.886	78.644
#1	-.00020	-.00023	.00083	-.00002	.00004	.00142	.00007
#2	.00998	.00250	.00108	.00017	.00016	.00779	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00017	.00073	.01051	.00943	.00423	.00017
SDev	.00024	.00016	.00051	.00189	.00383	.00290	.00006
%RSD	59.693	95.898	68.861	18.034	40.649	68.672	37.394
#1	.00058	.00005	.00038	.00917	.01214	.00217	.00013
#2	.00024	.00029	.00109	.01185	.00672	.00628	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	.01544	.00068	-.00104	.00065	.00009	.00553
SDev	.00032	.08723	.00043	.00102	.00009	.00028	.00025
%RSD	39.444	564.94	63.637	97.658	13.358	315.03	4.5722
#1	.00105	-.04624	.00037	-.00032	.00059	.00029	.00571
#2	.00059	.07712	.00098	-.00176	.00071	-.00011	.00535
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	.00561	.00549	.00033	.00575	.00009	.00032
SDev	.00294	.00374	.00225	.00045	.00184	.00018	.00009
%RSD	202.70	66.636	40.912	135.60	31.949	192.22	27.059
#1	.00353	.00296	.00708	.00001	.00445	-.00003	.00039
#2	-.00063	.00825	.00390	.00064	.00705	.00022	.00026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00283	-.00005
SDev	.00053	.00058
%RSD	18.683	1140.3
#1	.00245	-.00046
#2	.00320	.00036
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4141	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0435393	--	--	--	--	--	--
#1	4142	--	--	--	--	--	--
#2	4140	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 12:33:41 PM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 08/29/08 12:28:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20214	.01069	.02124	.00201	.00207	.49628	.00108
SDev	.00031	.00434	.00024	.00000	.00003	.00151	.00002
%RSD	.15521	40.633	1.1388	.13108	1.4820	.30495	2.0133
#1	.20191	.01376	.02106	.00202	.00209	.49735	.00110
#2	.20236	.00762	.02141	.00201	.00204	.49521	.00107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00371	.00387	.01025	.05990	.47916	.19724	.00306
SDev	.00011	.00049	.00013	.01042	.00537	.00100	.00004
%RSD	2.9537	12.643	1.2632	17.394	1.1214	.50574	1.2024
#1	.00363	.00353	.01034	.05253	.47536	.19794	.00309
#2	.00379	.00422	.01016	.06727	.48295	.19653	.00304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01000	.88631	.01026	.00484	.00590	.00555	.01678
SDev	.00100	.03837	.00053	.00086	.00075	.00078	.00249
%RSD	9.9797	4.3296	5.1492	17.746	12.647	14.129	14.853
#1	.00930	.85917	.00989	.00423	.00537	.00499	.01502
#2	.01071	.91344	.01063	.00545	.00643	.00610	.01854
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01588	.01488	.01773	.00473	.02010	.00501	.01104
SDev	.00293	.00252	.00248	.00018	.00580	.00037	.00009
%RSD	18.435	16.953	13.972	3.7317	28.874	7.2989	.84995
#1	.01795	.01309	.01598	.00460	.02420	.00475	.01098
#2	.01381	.01666	.01948	.00485	.01599	.00527	.01111
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00947	.00251
SDev	.00080	.00061
%RSD	8.4318	24.317
#1	.01004	.00208
#2	.00891	.00294
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4150	--	--	--	--	--	--
SDev	2.068149	--	--	--	--	--	--
%RSD	.0498348	--	--	--	--	--	--
#1	4151	--	--	--	--	--	--
#2	4149	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 12:39:04 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 08/29/08 12:33:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.92	.00276	.00121	.00090	.00103	512.46	.00150
SDev	5.71	.00155	.00041	.00013	.00007	7.62	.00017
%RSD	1.1095	56.143	33.687	14.295	6.5020	1.4869	11.091
#1	510.88	.00385	.00150	.00080	.00098	507.07	.00138
#2	518.96	.00166	.00092	.00099	.00108	517.85	.00162
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	-.00227	.00108	197.65	.00625	507.22	.00161
SDev	.00023	.00041	.00018	2.95	.00958	6.03	.00001
%RSD	35.176	17.917	16.272	1.4943	153.24	1.1883	.53219
#1	.00082	-.00198	.00096	195.56	.01302	502.96	.00162
#2	.00050	-.00256	.00121	199.74	-.00052	511.48	.00160
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	-.04263	.00063	-.01627	.01088	.00184	-.00292
SDev	.00051	.16873	.00075	.00078	.00003	.00028	.00384
%RSD	59.535	395.79	118.46	4.8239	.28155	15.324	131.49
#1	.00122	-.16194	.00117	-.01682	.01086	.00164	-.00020
#2	.00050	.07668	.00010	-.01571	.01090	.00204	-.00563
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	-.00058	-.00409	.00131	-.00456	-.00016	-.00501
SDev	.00046	.00376	.00387	.00017	.00116	.00046	.00005
%RSD	13.106	654.07	94.736	13.074	25.501	287.23	.92719
#1	.00318	.00209	-.00135	.00119	-.00538	.00017	-.00504
#2	.00383	-.00324	-.00683	.00143	-.00373	-.00049	-.00497
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00201	.00018
SDev	.00260	.00006
%RSD	129.38	33.816
#1	.00385	.00014
#2	.00017	.00023
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3849	--	--	--	--	--	--
SDev	47.83570	--	--	--	--	--	--
%RSD	1.242760	--	--	--	--	--	--
#1	3883	--	--	--	--	--	--
#2	3815	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 12:44:28 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 08/29/08 12:39:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	505.23	.10682	.01488	.50776	.48698	498.42	.95924
SDev	.47	.00317	.00058	.00132	.00092	.75	.00004
%RSD	.09245	2.9717	3.9201	.26023	.18900	.15015	.00399
#1	504.90	.10907	.01447	.50683	.48633	497.89	.95926
#2	505.56	.10458	.01530	.50870	.48763	498.95	.95921
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48230	.47830	.51482	95.912	.01143	489.17	.47731
SDev	.00048	.00008	.00025	.042	.00009	.13	.00018
%RSD	.09877	.01651	.04785	.04422	.80973	.02751	.03747
#1	.48196	.47835	.51465	95.882	.01149	489.07	.47743
#2	.48263	.47824	.51499	95.942	.01136	489.27	.47718
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00183	-.23750	.93195	.03351	.05578	.04837	.05555
SDev	.00010	.11025	.00178	.00171	.00149	.00042	.00192
%RSD	5.1708	46.422	.19131	5.1029	2.6685	.87541	3.4610
#1	.00190	-.15954	.93069	.03472	.05473	.04807	.05691
#2	.00177	-.31546	.93321	.03230	.05684	.04867	.05419
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62334	.05794	.05436	.00232	.09094	.50095	.93650
SDev	.00518	.00454	.00061	.00010	.00168	.00046	.00071
%RSD	.83102	7.8375	1.1287	4.4164	1.8450	.09240	.07579
#1	.61968	.06115	.05479	.00239	.08976	.50062	.93600
#2	.62700	.05472	.05393	.00225	.09213	.50128	.93701
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00107	.21204
SDev	.00005	.00057
%RSD	4.4874	.27091
#1	.00104	.21244
#2	.00111	.21163
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3935	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0161709	--	--	--	--	--	--
#1	3935	--	--	--	--	--	--
#2	3935	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 12:45:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.487	.48924	.49311	.49293	.49332	24.506	.49181
SDev	.016	.00433	.00043	.00092	.00067	.022	.00000
%RSD	.06403	.88563	.08670	.18665	.13510	.08845	.00047
#1	24.498	.49230	.49342	.49358	.49379	24.521	.49181
#2	24.476	.48618	.49281	.49228	.49284	24.491	.49180
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49379	.49490	.49352	24.723	25.077	24.247	.49375
SDev	.00049	.00014	.00051	.026	.010	.003	.00016
%RSD	.09844	.02815	.10317	.10575	.03792	.01209	.03181
#1	.49413	.49480	.49388	24.741	25.070	24.245	.49364
#2	.49344	.49500	.49316	24.704	25.084	24.249	.49386
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49929	24.401	.49200	.48702	.49415	.49178	.49262
SDev	.00012	.117	.00037	.00132	.00093	.00106	.00110
%RSD	.02491	.47935	.07436	.27020	.18753	.21479	.22243
#1	.49938	24.484	.49226	.48609	.49350	.49103	.49185
#2	.49920	24.319	.49174	.48795	.49481	.49252	.49340
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50276	.48445	.49671	.49733	.48558	.49455	.49356
SDev	.00070	.00150	.00239	.00015	.00746	.00104	.00015
%RSD	.13973	.30871	.48145	.03117	1.5372	.20965	.02986
#1	.50326	.48551	.49502	.49744	.48031	.49529	.49366
#2	.50226	.48340	.49841	.49722	.49086	.49382	.49345
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49802	.49527
SDev	.00157	.00095
%RSD	.31580	.19255
#1	.49691	.49459
#2	.49913	.49594
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4185	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.1292683	--	--	--	--	--	--
#1	4188	--	--	--	--	--	--
#2	4181	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 12:51:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03124	.00150	.00022	-.00003	.00007	.03544	.00010
SDev	.03032	.00030	.00113	.00004	.00004	.03478	.00004
%RSD	97.062	19.872	516.09	159.23	59.584	98.139	42.176
#1	.00980	.00171	.00102	-.00005	.00004	.01085	.00013
#2	.05268	.00129	-.00058	.00000	.00010	.06003	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00007	-.00002	.01443	.01284	.04122	.00015
SDev	.00046	.00006	.00019	.00469	.00556	.00091	.00001
%RSD	175.26	88.336	787.13	32.501	43.304	2.2037	8.3133
#1	.00058	.00012	.00011	.01775	.01677	.04058	.00014
#2	-.00006	.00003	-.00016	.01112	.00891	.04187	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	-.13671	.00008	.00119	-.00158	-.00066	.00449
SDev	.00027	.10694	.00039	.00007	.00234	.00159	.00019
%RSD	24.961	78.221	470.52	5.7005	148.59	241.24	4.2465
#1	.00127	-.06109	.00036	.00123	.00008	.00046	.00436
#2	.00089	-.21232	-.00019	.00114	-.00323	-.00178	.00462
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00843	.00252	.00004	.00460	-.00021	.00025
SDev	.00049	.00509	.00226	.00002	.00346	.00012	.00000
%RSD	457.24	60.363	89.612	51.964	75.350	57.837	.27405
#1	.00024	.00483	.00412	.00003	.00705	-.00012	.00025
#2	-.00045	.01203	.00092	.00006	.00215	-.00029	.00025
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00159	.00027
SDev	.00172	.00025
%RSD	107.78	92.011
#1	.00038	.00009
#2	.00281	.00045
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4184	--	--	--	--	--	--
SDev	2.333660	--	--	--	--	--	--
%RSD	.0557775	--	--	--	--	--	--
#1	4182	--	--	--	--	--	--
#2	4186	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD843276 Operator: AH
Run Time: 08/29/08 12:56:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03345	.00163	.20994	.02983	.00001	33.123	.00008
SDev	.01607	.00084	.00059	.00003	.00002	.004	.00003
%RSD	48.022	51.522	.28080	.11130	200.89	.01254	38.283
#1	.02209	.00104	.21035	.02981	-.00000	33.126	.00006
#2	.04481	.00223	.20952	.02985	.00003	33.120	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00017	.00193	.05648	4.7178	15.133	.18325
SDev	.00010	.00057	.00008	.01166	.0110	.005	.00046
%RSD	60.843	331.03	4.3079	20.645	.23407	.03633	.24935
#1	-.00024	-.00023	.00187	.04824	4.7256	15.137	.18357
#2	-.00010	.00058	.00199	.06473	4.7099	15.129	.18293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	25.250	.01133	.00077	-.00043	-.00003	-.00185
SDev	.00055	.078	.00019	.00288	.00100	.00029	.00254
%RSD	2444.1	.31082	1.6920	372.23	232.17	979.04	137.66
#1	.00036	25.306	.01119	.00281	-.00114	.00018	-.00005
#2	-.00041	25.195	.01146	-.00126	.00028	-.00024	-.00365
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	.00210	-.00382	-.00019	.00266	-.00034	.03592
SDev	.00298	.00522	.00121	.00009	.00042	.00018	.00001
%RSD	209.33	248.15	31.541	47.392	15.735	52.387	.02662
#1	.00068	.00579	-.00297	-.00026	.00296	-.00046	.03592
#2	-.00353	-.00159	-.00467	-.00013	.00237	-.00021	.03591
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00288	-.00066
SDev	.00079	.00045
%RSD	27.274	67.518
#1	.00233	-.00098
#2	.00344	-.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4242	--	--	--	--	--	--
SDev	8.803272	--	--	--	--	--	--
%RSD	.2075081	--	--	--	--	--	--
#1	4249	--	--	--	--	--	--
#2	4236	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD843281 Operator: AH
Run Time: 08/29/08 13:02:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02424	.00089	.21694	.02971	.00001	33.797	.00008
SDev	.00675	.00025	.00159	.00004	.00000	.091	.00007
%RSD	27.849	27.878	.73314	.13010	14.436	.26784	91.885
#1	.01947	.00071	.21582	.02974	.00001	33.861	.00013
#2	.02902	.00106	.21807	.02969	.00001	33.733	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00072	.00162	.06520	4.8187	15.529	.16459
SDev	.00029	.00051	.00003	.00148	.0360	.020	.00017
%RSD	5220.8	70.465	2.0483	2.2638	.74809	.13052	.10374
#1	.00020	.00108	.00160	.06624	4.8442	15.544	.16471
#2	-.00021	.00036	.00165	.06416	4.7933	15.515	.16447
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	25.964	.01184	.00192	-.00065	.00020	.00205
SDev	.00013	.019	.00010	.00174	.00007	.00063	.00341
%RSD	10.052	.07451	.83896	90.711	11.481	310.17	166.21
#1	.00135	25.977	.01177	.00069	-.00071	-.00024	-.00036
#2	.00117	25.950	.01191	.00315	-.00060	.00065	.00446
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00674	-.00030	.00033	.00129	-.00013	.02620
SDev	.00195	.00818	.00102	.00015	.00605	.00012	.00021
%RSD	305.37	121.32	343.67	45.579	467.54	93.918	.80813
#1	.00202	.00096	-.00102	.00022	-.00298	-.00004	.02635
#2	-.00074	.01252	.00042	.00043	.00557	-.00021	.02605
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00328	.00015
SDev	.00095	.00006
%RSD	28.861	41.739
#1	.00395	.00011
#2	.00261	.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4226	--	--	--	--	--	--
SDev	5.992799	--	--	--	--	--	--
%RSD	.1418133	--	--	--	--	--	--
#1	4222	--	--	--	--	--	--
#2	4230	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848878/PB Operator: AH
Run Time: 08/29/08 13:07:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01706	.00195	.00180	.00001	-.00001	.04254	.00003
SDev	.00135	.00082	.00099	.00015	.00001	.00458	.00003
%RSD	7.8848	42.262	54.981	2117.8	91.985	10.776	100.75
#1	.01611	.00137	.00250	.00011	-.00000	.03930	.00001
#2	.01801	.00253	.00110	-.00010	-.00002	.04578	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00007	.00031	.02057	-.00184	.00707	.00011
SDev	.00037	.00017	.00042	.00326	.00465	.00239	.00000
%RSD	151.96	243.66	135.54	15.831	252.72	33.767	.09916
#1	-.00002	-.00005	.00060	.01827	-.00513	.00538	.00010
#2	.00051	.00019	.00001	.02287	.00145	.00876	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	-.06428	-.00007	.00134	.00042	.00073	.00079
SDev	.00021	.09318	.00037	.00141	.00088	.00106	.00128
%RSD	84.698	144.96	528.90	105.21	209.62	145.63	161.94
#1	.00040	.00161	.00019	.00034	-.00020	-.00002	-.00012
#2	.00010	-.13017	-.00033	.00233	.00105	.00147	.00170
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.00001	.00118	.00006	.00614	-.00013	.00085
SDev	.00086	.00627	.00121	.00012	.00382	.00036	.00000
%RSD	103.16	52711.	101.82	186.34	62.212	280.33	.18287
#1	.00023	-.00442	.00204	.00015	.00883	-.00038	.00085
#2	.00144	.00444	.00033	-.00002	.00344	.00012	.00085
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00235	.00026
SDev	.00132	.00013
%RSD	56.049	49.461
#1	.00328	.00035
#2	.00142	.00017
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4227	--	--	--	--	--	--
SDev	3.393975	--	--	--	--	--	--
%RSD	.0802956	--	--	--	--	--	--
#1	4229	--	--	--	--	--	--
#2	4224	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848877/LCS Operator: AH
Run Time: 08/29/08 13:12:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02776	1.0391	.09337	.99203	.96158	.74997	1.0078
SDev	.00134	.0004	.00016	.00196	.00013	.00254	.0021
%RSD	4.8089	.04024	.17535	.19798	.01345	.33848	.20635
#1	.02681	1.0388	.09325	.99064	.96167	.74817	1.0093
#2	.02870	1.0394	.09348	.99341	.96149	.75176	1.0063
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96010	.95308	1.0245	.07991	.40847	.16263	.98413
SDev	.00104	.00147	.0021	.00239	.00414	.00013	.00089
%RSD	.10842	.15377	.20676	2.9933	1.0136	.07686	.09031
#1	.96084	.95411	1.0230	.08160	.41140	.16271	.98476
#2	.95937	.95204	1.0260	.07822	.40554	.16254	.98350
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0068	1258.2	.98448	.98645	.98605	.98619	1.0268
SDev	.0030	1.1	.00055	.00068	.00231	.00177	.0005
%RSD	.29897	.08901	.05610	.06928	.23399	.17913	.04614
#1	1.0046	1257.4	.98487	.98597	.98442	.98494	1.0264
#2	1.0089	1259.0	.98409	.98694	.98768	.98744	1.0271
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0135	1.0191	1.0306	.00045	.98743	.99969	1.0037
SDev	.0043	.0040	.0013	.00012	.00170	.00065	.0018
%RSD	.42831	.39420	.12595	26.676	.17210	.06498	.18279
#1	1.0104	1.0163	1.0315	.00053	.98622	1.0001	1.0050
#2	1.0166	1.0219	1.0297	.00036	.98863	.99923	1.0024
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00402	1.0162
SDev	.00165	.0004
%RSD	41.027	.03525
#1	.00285	1.0159
#2	.00518	1.0164
Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3987	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.0731506	--	--	--	--	--	--
#1	3989	--	--	--	--	--	--
#2	3985	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848876/EBLK Operator: AH
Run Time: 08/29/08 13:18:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02643	.00305	H.09298	H.00997	.00004	H.74638	.00015
SDev	.00746	.00000	.00266	.00007	.00003	.00056	.00023
%RSD	28.217	.01708	2.8565	.67216	87.515	.07441	146.14
#1	.03170	.00305	H.09486	H.01001	.00002	H.74599	.00031
#2	.02116	.00305	H.09111	H.00992	.00006	H.74678	-.00001
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00092	.00333	.01808	.44616	.16544	.00090
SDev	.00048	.00089	.00072	.01336	.00331	.00314	.00004
%RSD	295.73	96.887	21.663	73.895	.74140	1.9006	4.7901
#1	.00050	.00155	.00385	.02753	.44382	.16766	.00093
#2	-.00018	.00029	.00282	.00863	.44849	.16321	.00087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	H1262.9	.00019	.00432	-.00086	.00087	.00303
SDev	.00129	1.1	.00118	.00333	.00150	.00011	.00201
%RSD	34.510	.08891	608.18	76.931	174.65	12.457	66.311
#1	.00467	H1263.7	.00103	.00197	.00020	.00079	.00445
#2	.00284	H1262.1	-.00064	.00668	-.00192	.00094	.00161
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00271	.00760	.00075	.00036	.00274	.00012	.00436
SDev	.00154	.00566	.00585	.00039	.00699	.00044	.00038
%RSD	56.983	74.491	778.29	108.40	255.14	368.56	8.8435
#1	.00380	.00360	.00488	.00063	.00768	.00043	.00463
#2	.00162	.01160	-.00338	.00008	-.00220	-.00019	.00408
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00477	.00066
SDev	.00138	.00074
%RSD	29.002	112.63
#1	.00575	.00118
#2	.00379	.00013
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3974	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.3202778	--	--	--	--	--	--
#1	3965	--	--	--	--	--	--
#2	3983	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848870 Operator: AH
Run Time: 08/29/08 13:23:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19936	.00199	.86452	.35270	.00395	46.667	.00980
SDev	.00133	.00044	.00164	.00055	.00002	.057	.00005
%RSD	.66452	22.130	.18951	.15629	.42254	.12216	.48472
#1	.19842	.00230	.86568	.35231	.00394	46.626	.00977
#2	.20030	.00168	.86336	.35309	.00396	46.707	.00983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05963	.00527	.99272	8.4143	24.829	44.326	1.0924
SDev	.00022	.00016	.00216	.0119	.003	.115	.0015
%RSD	.37757	3.1060	.21757	.14198	.01297	.25992	.13864
#1	.05979	.00539	.99119	8.4228	24.832	44.408	1.0934
#2	.05947	.00516	.99425	8.4059	24.827	44.245	1.0913
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00481	H1229.7	.05410	2.9268	2.9316	2.9300	.00266
SDev	.00037	.2	.00012	.0150	.0036	.0074	.00153
%RSD	7.6389	.01440	.21946	.51313	.12393	.25340	57.664
#1	.00507	H1229.8	.05418	2.9375	2.9341	2.9352	.00374
#2	.00455	H1229.5	.05402	2.9162	2.9290	2.9247	.00157
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00166	.00781	.00008	.00006	.00176	.00847	2.8169
SDev	.00027	.00369	.00045	.00001	.00051	.00010	.0029
%RSD	16.138	47.275	546.24	14.329	29.175	1.1605	.10310
#1	-.00185	.01041	.00040	.00005	.00140	.00840	2.8189
#2	-.00147	.00520	-.00024	.00007	.00212	.00853	2.8148
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00250	-.00020
SDev	.00191	.00031
%RSD	76.238	155.12
#1	.00115	.00002
#2	.00385	-.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4034	--	--	--	--	--	--
SDev	11.56109	--	--	--	--	--	--
%RSD	.2865788	--	--	--	--	--	--
#1	4026	--	--	--	--	--	--
#2	4042	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848871 Operator: AH
Run Time: 08/29/08 13:29:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23080	.00311	.77324	.54963	.00671	52.073	.01328
SDev	.00117	.00261	.00172	.00230	.00001	.115	.00008
%RSD	.50530	83.966	.22187	.41886	.12315	.22043	.61875
#1	.22998	.00126	.77202	.55126	.00672	52.154	.01334
#2	.23163	.00496	.77445	.54801	.00671	51.992	.01322
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09510	.02240	.44230	26.259	23.870	32.089	1.3349
SDev	.00012	.00050	.00129	.033	.002	.067	.0014
%RSD	.12725	2.2192	.29210	.12564	.00842	.20949	.10646
#1	.09519	.02275	.44322	26.283	23.871	32.137	1.3359
#2	.09502	.02205	.44139	26.236	23.868	32.041	1.3339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00650	H1180.9	.08828	4.4254	4.4373	4.4334	.00244
SDev	.00058	4.3	.00010	.0058	.0049	.0013	.00210
%RSD	8.8707	.36741	.11832	.13073	.10985	.02987	86.396
#1	.00691	H1184.0	.08836	4.4214	4.4408	4.4343	.00095
#2	.00609	H1177.9	.08821	4.4295	4.4339	4.4324	.00392
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	.00190	.00270	.00005	.00110	.00195	2.9790
SDev	.00515	.00494	.00069	.00016	.00266	.00055	.0074
%RSD	422.08	259.87	25.396	338.43	242.11	28.398	.24836
#1	.00486	-.00159	.00222	-.00006	-.00078	.00234	2.9842
#2	-.00242	.00539	.00319	.00016	.00298	.00156	2.9737
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00553	.00010
SDev	.00269	.00033
%RSD	48.590	343.37
#1	.00743	.00033
#2	.00363	-.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4115	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1855940	--	--	--	--	--	--
#1	4109	--	--	--	--	--	--
#2	4120	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848872 Operator: AH
Run Time: 08/29/08 13:34:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28607	.00720	.64594	.31742	.00277	46.128	.00988
SDev	.01361	.00414	.03106	.01250	.00023	1.781	.00043
%RSD	4.7573	57.512	4.8093	3.9380	8.3775	3.8619	4.3769
#1	.29569	.00427	.66791	.32626	.00293	47.388	.01019
#2	.27645	.01013	.62397	.30858	.00260	44.869	.00957
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04501	.00687	.46893	6.6899	28.576	20.454	1.2518
SDev	.00219	.00065	.01811	.3172	1.307	.959	.0571
%RSD	4.8711	9.4303	3.8620	4.7412	4.5728	4.6882	4.5643
#1	.04656	.00733	.48174	6.9142	29.500	21.132	1.2922
#2	.04345	.00641	.45612	6.4656	27.652	19.776	1.2114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	H1220.6	.12347	5.2085	5.2195	5.2159	.00482
SDev	.00049	40.2	.00441	.2075	.1922	.1973	.00003
%RSD	13.821	3.2964	3.5692	3.9843	3.6819	3.7824	.64543
#1	.00317	H1249.1	.12659	5.3553	5.3554	5.3554	.00484
#2	.00386	H1192.2	.12035	5.0618	5.0837	5.0764	.00480
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.01201	.00123	.00122	-.00161	.00184	2.4978
SDev	.00342	.00183	.00087	.00046	.00669	.00022	.1162
%RSD	3218.7	15.217	70.731	37.296	416.20	11.741	4.6506
#1	.00231	.01330	.00061	.00154	-.00634	.00199	2.5800
#2	-.00253	.01072	.00184	.00090	.00312	.00169	2.4157
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00557	.00005
SDev	.00093	.00029
%RSD	16.631	626.84
#1	.00622	-.00016
#2	.00491	.00025
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3995	--	--	--	--	--	--
SDev	159.3640	--	--	--	--	--	--
%RSD	3.988650	--	--	--	--	--	--
#1	3883	--	--	--	--	--	--
#2	4108	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848873 Operator: AH
Run Time: 08/29/08 13:39:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0465	.00172	.15198	3.3932	.00002	22.954	.00021
SDev	.0077	.00444	.00017	.0066	.00001	.045	.00012
%RSD	.73411	257.62	.11429	.19379	66.863	.19420	57.736
#1	1.0411	.00486	.15210	3.3886	.00001	22.922	.00012
#2	1.0520	-.00142	.15186	3.3979	.00003	22.985	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20989	.00223	H124.39	.49732	.55552	1.3478	.12287
SDev	.00053	.00038	.20	.00199	.00225	.0034	.00009
%RSD	.25140	16.781	.16438	.40062	.40453	.25099	.07428
#1	.20952	.00197	H124.24	.49591	.55711	1.3454	.12294
#2	.21027	.00250	H124.53	.49872	.55393	1.3502	.12281
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00432	H1262.2	.00454	-.00343	.00383	.00141	.00327
SDev	.00013	1.5	.00008	.00253	.00136	.00006	.00258
%RSD	2.9408	.11853	1.8551	73.875	35.450	4.3931	78.769
#1	.00423	H1261.2	.00448	-.00164	.00287	.00137	.00145
#2	.00441	H1263.3	.00460	-.00522	.00479	.00146	.00510
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00691	.00145	.00004	-.00164	.00729	1.2390
SDev	.00078	.00081	.00427	.00006	.00278	.00053	.0006
%RSD	89.997	11.686	293.54	150.02	169.64	7.2437	.05086
#1	.00032	.00748	-.00156	.00009	-.00360	.00692	1.2395
#2	.00143	.00634	.00447	-.00000	.00033	.00767	1.2386
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00332	-.00014
SDev	.00153	.00073
%RSD	46.161	525.17
#1	.00224	-.00065
#2	.00441	.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3975	--	--	--	--	--	--
SDev	12.14459	--	--	--	--	--	--
%RSD	.3055330	--	--	--	--	--	--
#1	3983	--	--	--	--	--	--
#2	3966	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848873/L (1:5) Operator: AH
Run Time: 08/29/08 13:45:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24128	.00162	.03169	.66515	.00004	4.5970	.00017
SDev	.00374	.00118	.00062	.00052	.00001	.0060	.00022
%RSD	1.5519	73.006	1.9559	.07848	11.577	.13064	128.91
#1	.23863	.00245	.03213	.66552	.00004	4.6012	.00002
#2	.24393	.00078	.03125	.66478	.00005	4.5927	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04126	.00093	23.862	.10895	.08883	.27323	.02410
SDev	.00050	.00080	.006	.01005	.00102	.00137	.00007
%RSD	1.2032	85.071	.02506	9.2208	1.1427	.50275	.27839
#1	.04091	.00037	23.866	.10184	.08812	.27226	.02406
#2	.04161	.00150	23.857	.11605	.08955	.27420	.02415
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	275.71	.00120	-.00153	.00229	.00102	.00213
SDev	.00064	.22	.00045	.00030	.00089	.00069	.00097
%RSD	60.491	.07864	37.337	19.353	38.760	67.725	45.553
#1	.00061	275.86	.00088	-.00174	.00166	.00053	.00145
#2	.00151	275.55	.00151	-.00132	.00292	.00151	.00282
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00287	.00176	.00004	.00020	.00135	.24503
SDev	.00613	.00652	.00471	.00001	.00014	.00073	.00087
%RSD	27685.	227.11	267.36	21.816	67.172	54.288	.35402
#1	-.00435	.00748	-.00157	.00004	.00030	.00083	.24565
#2	.00431	-.00174	.00510	.00005	.00011	.00187	.24442
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00239	.00004
SDev	.00248	.00067
%RSD	103.84	1575.7
#1	.00064	-.00043
#2	.00415	.00052
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4101	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0103476	--	--	--	--	--	--
#1	4101	--	--	--	--	--	--
#2	4100	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 01:57:23 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 13:52:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.554	.48964	.49159	.49459	.49244	24.500	.49024
SDev	.051	.00693	.00263	.00092	.00109	.066	.00051
%RSD	.20679	1.4152	.53492	.18501	.22064	.26856	.10447
#1	24.518	.48474	.49345	.49395	.49167	24.453	.49060
#2	24.590	.49454	.48973	.49524	.49321	24.546	.48987
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49350	.49372	.49433	24.675	25.079	24.407	.49218
SDev	.00042	.00035	.00146	.004	.003	.007	.00021
%RSD	.08445	.07169	.29560	.01494	.01012	.03000	.04361
#1	.49320	.49347	.49329	24.672	25.081	24.401	.49233
#2	.49379	.49397	.49536	24.678	25.077	24.412	.49203
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49809	24.495	.49029	.48767	.49266	.49100	.49343
SDev	.00189	.225	.00130	.00002	.00093	.00061	.00008
%RSD	.37990	.91804	.26577	.00445	.18907	.12506	.01545
#1	.49675	24.336	.48936	.48766	.49332	.49144	.49337
#2	.49943	24.654	.49121	.48769	.49201	.49057	.49348
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50523	.48977	.49526	.49920	.49063	.49672	.49200
SDev	.00445	.00667	.00345	.00148	.00928	.00080	.00018
%RSD	.88075	1.3614	.69623	.29607	1.8920	.16085	.03731
#1	.50838	.49448	.49283	.49816	.48406	.49729	.49187
#2	.50209	.48505	.49770	.50025	.49719	.49616	.49213
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49644	.49475
SDev	.00178	.00072
%RSD	.35873	.14522
#1	.49519	.49526
#2	.49770	.49424
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4142	--	--	--	--	--	--
SDev	8.962786	--	--	--	--	--	--
%RSD	.2164042	--	--	--	--	--	--
#1	4148	--	--	--	--	--	--
#2	4135	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 02:02:46 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 13:57:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01010	.00001	-.00047	-.00008	.00006	.00857	-.00003
SDev	.00561	.00400	.00169	.00014	.00003	.00117	.00006
%RSD	55.527	33755.	360.74	178.10	55.619	13.636	222.22
#1	.01407	.00284	.00072	.00002	.00008	.00940	.00001
#2	.00613	-.00282	-.00166	-.00018	.00004	.00775	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.00006	.00005	.00451	.00840	.00862	.00009
SDev	.00067	.00010	.00059	.01232	.01570	.00270	.00008
%RSD	132.20	163.00	1157.6	273.28	187.03	31.343	85.736
#1	-.00003	.00013	.00047	.01322	.01950	.01053	.00014
#2	-.00098	-.00001	-.00037	-.00420	-.00271	.00671	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.04833	-.00039	.00159	.00094	.00115	.00179
SDev	.00145	.20643	.00071	.00029	.00100	.00076	.00055
%RSD	186.97	427.15	181.52	18.302	106.11	65.914	30.367
#1	.00180	.09764	.00011	.00138	.00023	.00062	.00141
#2	-.00025	-.19429	-.00089	.00179	.00164	.00169	.00218
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00491	.00024	-.00015	.00157	-.00033	.00014
SDev	.00043	.00501	.00169	.00054	.00613	.00043	.00001
%RSD	317.72	102.05	714.83	356.73	389.62	127.91	3.2606
#1	-.00044	.00137	.00143	.00023	.00590	-.00003	.00014
#2	.00017	.00845	-.00096	-.00053	-.00276	-.00063	.00013
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00117	-.00027
SDev	.00472	.00041
%RSD	402.91	151.18
#1	.00451	.00002
#2	-.00217	-.00057
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4137	--	--	--	--	--	--
SDev	15.96307	--	--	--	--	--	--
%RSD	.3858366	--	--	--	--	--	--
#1	4126	--	--	--	--	--	--
#2	4149	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848873/PS Operator: AH
Run Time: 08/29/08 14:05:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0372	1.0774	.15114	4.3812	1.0128	22.812	1.0373
SDev	.0015	.0015	.00136	.0111	.0032	.065	.0026
%RSD	.14678	.13478	.90244	.25336	.31886	.28316	.24989
#1	1.0383	1.0784	.15210	4.3891	1.0151	22.857	1.0391
#2	1.0362	1.0764	.15017	4.3734	1.0105	22.766	1.0355
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2044	.99782	H124.26	.57073	.55498	1.3472	1.1354
SDev	.0026	.00143	.41	.00173	.00198	.0013	.0022
%RSD	.21624	.14321	.32907	.30404	.35696	.09756	.19058
#1	1.2062	.99883	H124.55	.57195	.55638	1.3481	1.1369
#2	1.2025	.99681	H123.97	.56950	.55358	1.3463	1.1338
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0651	H1255.6	1.0190	1.0179	1.0205	1.0196	1.0542
SDev	.0030	3.2	.0038	.0040	.0029	.0033	.0030
%RSD	.28363	.25718	.37667	.39152	.28764	.32217	.28078
#1	1.0630	H1257.9	1.0217	1.0207	1.0225	1.0219	1.0563
#2	1.0673	H1253.3	1.0162	1.0151	1.0184	1.0173	1.0521
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0682	1.0551	1.0537	.00052	1.0363	1.0524	2.2625
SDev	.0059	.0130	.0021	.00015	.0016	.0020	.0041
%RSD	.55314	1.2328	.19584	29.112	.15049	.19452	.18228
#1	1.0723	1.0643	1.0523	.00063	1.0374	1.0539	2.2654
#2	1.0640	1.0459	1.0552	.00042	1.0352	1.0510	2.2596
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00853	1.0625
SDev	.00090	.0024
%RSD	10.495	.22840
#1	.00790	1.0642
#2	.00917	1.0608
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3976	--	--	--	--	--	--
SDev	8.697448	--	--	--	--	--	--
%RSD	.2187624	--	--	--	--	--	--
#1	3970	--	--	--	--	--	--
#2	3982	--	--	--	--	--	--

Analysis Report 08/29/08 02:15:52 PM page 1

Method: TRACE2 Sample Name: AD848874/MS Operator: AH
Run Time: 08/29/08 14:10:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0249	1.0360	.14845	4.3122	.96362	22.564	.99345
SDev	.0028	.0056	.00029	.0098	.00264	.068	.00195
%RSD	.27721	.53925	.19790	.22616	.27432	.30128	.19656
#1	1.0229	1.0400	.14824	4.3191	.96549	22.612	.99483
#2	1.0269	1.0321	.14866	4.3053	.96175	22.516	.99207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1542	.95168	H122.63	.54981	.52902	1.3248	1.0894
SDev	.0021	.00194	.24	.00274	.00577	.0076	.0024
%RSD	.17771	.20345	.19197	.49838	1.0906	.57661	.22015
#1	1.1556	.95305	H122.79	.55175	.53310	1.3302	1.0911
#2	1.1527	.95032	H122.46	.54788	.52494	1.3194	1.0877
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0073	H1245.3	.97604	.97776	.99029	.98612	1.0238
SDev	.0021	2.5	.00276	.00240	.00187	.00045	.0028
%RSD	.20469	.19843	.28308	.24517	.18889	.04557	.27163
#1	1.0058	H1247.0	.97800	.97607	.99161	.98644	1.0258
#2	1.0087	H1243.6	.97409	.97946	.98897	.98580	1.0218
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0104	1.0157	1.0279	.00005	.97569	1.0088	2.2015
SDev	.0072	.0025	.0029	.00034	.00416	.0012	.0061
%RSD	.71239	.24764	.28348	726.02	.42629	.11946	.27750
#1	1.0054	1.0175	1.0299	-.00019	.97863	1.0097	2.2059
#2	1.0155	1.0139	1.0258	.00029	.97275	1.0080	2.1972
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00405	1.0107
SDev	.00084	.0019
%RSD	20.739	.19235
#1	.00464	1.0121
#2	.00345	1.0093
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3991	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.3188936	--	--	--	--	--	--
#1	3982	--	--	--	--	--	--
#2	4000	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848875/SD Operator: AH
Run Time: 08/29/08 14:15:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0237	1.0322	.14830	4.3013	.95749	22.466	.98771
SDev	.0031	.0064	.00109	.0115	.00268	.064	.00293
%RSD	.30752	.61726	.73242	.26707	.28009	.28508	.29640
#1	1.0259	1.0367	.14907	4.3095	.95939	22.511	.98978
#2	1.0215	1.0277	.14753	4.2932	.95560	22.421	.98564
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1483	.94484	H121.87	.54412	.52917	1.3211	1.0832
SDev	.0050	.00253	.40	.00971	.00737	.0058	.0024
%RSD	.43923	.26731	.32987	1.7836	1.3926	.43944	.22616
#1	1.1519	.94663	H122.16	.55098	.53438	1.3252	1.0849
#2	1.1448	.94305	H121.59	.53725	.52396	1.3170	1.0815
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0034	H1241.6	.97057	.97518	.98390	.98100	1.0187
SDev	.0009	2.7	.00276	.00223	.00097	.00010	.0017
%RSD	.08665	.21514	.28395	.22901	.09873	.00976	.16795
#1	1.0028	H1243.5	.97252	.97676	.98321	.98106	1.0175
#2	1.0040	H1239.7	.96862	.97360	.98459	.98093	1.0199
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0089	1.0104	1.0229	-.00021	.97213	1.0051	2.1878
SDev	.0033	.0044	.0048	.00017	.00400	.0034	.0077
%RSD	.32778	.43495	.46573	81.336	.41178	.33518	.35244
#1	1.0065	1.0135	1.0195	-.00009	.97496	1.0074	2.1932
#2	1.0112	1.0073	1.0263	-.00033	.96930	1.0027	2.1823
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00420	1.0036
SDev	.00494	.0028
%RSD	117.62	.28292
#1	.00769	1.0056
#2	.00071	1.0016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3985	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.1091279	--	--	--	--	--	--
#1	3988	--	--	--	--	--	--
#2	3982	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848712 Operator: AH
Run Time: 08/29/08 14:57:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.308	.02573	.11670	.62913	.01082	C.00000	.00061
SDev	.275	.00006	.00117	.00148	.00003	.00000	.00012
%RSD	.39105	.22585	1.0015	.23550	.28466	.00000	18.798
#1	70.503	.02569	.11587	.63018	.01084	C.00000	.00053
#2	70.114	.02578	.11753	.62808	.01080	C.00000	.00069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02793	.06119	.10506	119.87	9.6093	68.959	4.7310
SDev	.00020	.00009	.00067	.23	.1069	.146	.0092
%RSD	.71798	.14378	.63682	.19497	1.1124	.21223	.19441
#1	.02808	.06112	.10554	120.03	9.6849	69.063	4.7375
#2	.02779	.06125	.10459	119.70	9.5337	68.856	4.7245
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00578	2.1100	.07150	.06564	.06930	.06808	.00346
SDev	.00039	.1201	.00042	.00042	.00304	.00189	.00024
%RSD	6.7715	5.6907	.58920	.63466	4.3820	2.7713	6.9556
#1	.00606	2.0251	.07180	.06594	.06715	.06675	.00363
#2	.00551	2.1949	.07121	.06535	.07145	.06942	.00329
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00325	.00983	.00027	1.2655	-.00953	.09086	.18132
SDev	.00011	.00154	.00041	.0007	.00277	.00021	.00036
%RSD	3.3359	15.720	152.48	.05421	29.029	.23416	.19627
#1	-.00333	.01092	-.00002	1.2660	-.00758	.09071	.18158
#2	-.00318	.00873	.00056	1.2650	L-.01149	.09101	.18107
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02970	-.00046
SDev	.00150	.00001
%RSD	5.0639	1.8381
#1	.03076	-.00045
#2	.02864	-.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4333	--	--	--	--	--	--
SDev	22.48586	--	--	--	--	--	--
%RSD	.5189024	--	--	--	--	--	--
#1	4317	--	--	--	--	--	--
#2	4349	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848970/PB Operator: AH
Run Time: 08/29/08 15:07:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01806	.00172	.00299	-.00000	-.00002	.04942	-.00003
SDev	.00519	.00038	.00142	.00010	.00001	.00381	.00012
%RSD	28.763	22.252	47.622	2075.8	54.584	7.7026	423.48
#1	.02173	.00145	.00399	.00007	-.00001	.05211	.00006
#2	.01439	.00199	.00198	-.00007	-.00003	.04673	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	-.00024	.00019	.00152	-.00207	.00056	.00008
SDev	.00064	.00009	.00065	.01356	.00356	.00286	.00006
%RSD	648.77	37.366	346.08	892.01	171.93	514.68	79.606
#1	.00035	-.00018	.00065	.01111	.00045	-.00147	.00012
#2	-.00055	-.00030	-.00027	-.00807	-.00459	.00258	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	-.10710	.00008	-.00026	.00087	.00050	-.00079
SDev	.00003	.05815	.00062	.00319	.00139	.00014	.00061
%RSD	13.882	54.292	769.99	1219.7	158.51	27.908	77.700
#1	.00023	-.14822	.00052	-.00252	.00185	.00040	-.00122
#2	.00028	-.06599	-.00036	.00199	-.00011	.00059	-.00035
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00272	-.00262	.00013	.00022	.00092	-.00021	.00086
SDev	.00107	.01035	.00426	.00014	.00324	.00024	.00000
%RSD	39.287	395.26	3266.7	64.425	352.30	114.52	.12815
#1	-.00197	-.00994	.00314	.00033	.00321	-.00004	.00086
#2	-.00348	.00470	-.00288	.00012	-.00137	-.00038	.00086
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00030	-.00095
SDev	.00068	.00029
%RSD	222.61	30.680
#1	.00018	-.00116
#2	-.00078	-.00074
Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4194	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.0581722	--	--	--	--	--	--
#1	4192	--	--	--	--	--	--
#2	4196	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848969/FB Operator: AH
Run Time: 08/29/08 15:12:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.063	.20757	.20496	.20597	.19839	9.9333	.20104
SDev	.145	.00335	.00421	.00264	.00266	.1450	.00334
%RSD	1.4384	1.6139	2.0550	1.2836	1.3424	1.4596	1.6618
#1	9.9609	.20520	.20199	.20410	.19650	9.8308	.19868
#2	10.166	.20994	.20794	.20784	.20027	10.036	.20340
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20284	.19482	.20042	10.096	10.389	9.9179	.19820
SDev	.00352	.00372	.00221	.146	.124	.1653	.00320
%RSD	1.7338	1.9093	1.1022	1.4488	1.1954	1.6667	1.6160
#1	.20035	.19219	.19886	9.9928	10.301	9.8010	.19593
#2	.20532	.19745	.20198	10.200	10.477	10.035	.20046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20279	10.149	.19677	.19821	.20148	.20039	.19926
SDev	.00265	.199	.00257	.00170	.00525	.00407	.00133
%RSD	1.3085	1.9656	1.3074	.86022	2.6075	2.0319	.66546
#1	.20091	10.008	.19495	.19701	.19776	.19751	.19832
#2	.20466	10.290	.19859	.19942	.20519	.20327	.20019
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20225	.19222	.20278	.19519	.19449	.20380	.19861
SDev	.00297	.00256	.00071	.00308	.00108	.00391	.00305
%RSD	1.4703	1.3308	.35014	1.5798	.55546	1.9179	1.5364
#1	.20015	.19041	.20228	.19301	.19372	.20103	.19645
#2	.20436	.19403	.20328	.19737	.19525	.20656	.20077
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20959	.05040
SDev	.00306	.00100
%RSD	1.4619	1.9799
#1	.20742	.04970
#2	.21175	.05111
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4145	--	--	--	--	--	--
SDev	56.00265	--	--	--	--	--	--
%RSD	1.351203	--	--	--	--	--	--
#1	4184	--	--	--	--	--	--
#2	4105	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848950 Operator: AH
Run Time: 08/29/08 15:18:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02752	.00739	3.7119	.40641	.00001	101.51	.00002
SDev	.00570	.00024	.0022	.00031	.00001	.07	.00015
%RSD	20.722	3.2083	.05978	.07542	81.468	.06510	717.49
#1	.02349	.00756	3.7135	.40662	.00000	101.55	.00013
#2	.03155	.00723	3.7103	.40619	.00002	101.46	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00481	.00268	.00033	7.3677	148.63	73.795	.50432
SDev	.00006	.00032	.00039	.0052	.28	.102	.00055
%RSD	1.1818	11.948	117.32	.07057	.18871	.13856	.10852
#1	.00485	.00245	.00006	7.3640	148.83	73.867	.50470
#2	.00477	.00291	.00061	7.3714	148.43	73.722	.50393
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	H574.40	.01796	-.00067	.00046	.00009	.00254
SDev	.00039	.77	.00020	.00156	.00194	.00078	.00345
%RSD	33.215	.13394	1.1146	232.00	418.50	903.56	136.13
#1	.00144	H574.95	.01782	-.00177	.00184	.00063	.00498
#2	.00089	H573.86	.01810	.00043	-.00091	-.00046	.00009
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00271	.00628	.00067	.00054	.00184	-.00014	.00567
SDev	.00257	.01226	.00095	.00054	.00283	.00025	.00009
%RSD	94.851	195.32	142.12	99.818	154.20	177.79	1.5418
#1	.00453	.01495	-.00000	.00016	-.00017	-.00031	.00560
#2	.00089	-.00239	.00134	.00092	.00384	.00004	.00573
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00478	-.00048
SDev	.00119	.00064
%RSD	24.892	133.37
#1	.00562	-.00094
#2	.00394	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4080	--	--	--	--	--	--
SDev	1.378996	--	--	--	--	--	--
%RSD	.0337977	--	--	--	--	--	--
#1	4079	--	--	--	--	--	--
#2	4081	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848951 Operator: AH
Run Time: 08/29/08 15:23:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6444	.00142	.17356	.05379	.00023	186.49	-.00001
SDev	.0191	.00095	.00062	.00016	.00002	.39	.00004
%RSD	.52479	66.884	.35788	.30673	7.8108	.20660	245.32
#1	3.6579	.00210	.17400	.05391	.00024	186.76	.00001
#2	3.6309	.00075	.17312	.05367	.00022	186.22	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.02238	.00410	3.6379	6.7763	46.067	.31577
SDev	.00018	.00022	.00012	.0038	.0103	.073	.00020
%RSD	5.7896	.99006	2.8310	.10407	.15181	.15875	.06215
#1	.00293	.02254	.00402	3.6352	6.7836	46.118	.31563
#2	.00318	.02223	.00418	3.6406	6.7691	46.015	.31591
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00295	61.937	.04938	.00307	.00076	.00153	.00011
SDev	.00041	.136	.00019	.00250	.00052	.00118	.00062
%RSD	13.907	.21945	.39319	81.637	68.252	77.215	576.25
#1	.00324	62.033	.04924	.00484	.00112	.00236	-.00033
#2	.00266	61.841	.04952	.00130	.00039	.00069	.00055
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00263	.00407	-.00187	.10264	.00111	.00620	.01117
SDev	.00105	.00015	.00086	.00397	.00253	.00004	.00004
%RSD	40.074	3.7833	45.797	3.8647	228.35	.58780	.37353
#1	-.00188	.00396	-.00248	.09983	.00290	.00618	.01120
#2	-.00337	.00418	-.00127	.10544	-.00068	.00623	.01114
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00149	-.00014
SDev	.00055	.00070
%RSD	37.002	515.89
#1	.00188	.00036
#2	.00110	-.00063
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4126	--	--	--	--	--	--
SDev	14.05375	--	--	--	--	--	--
%RSD	.3406009	--	--	--	--	--	--
#1	4116	--	--	--	--	--	--
#2	4136	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848952 Operator: AH
Run Time: 08/29/08 15:28:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.401	.01093	.08074	.08195	.00061	200.90	.00001
SDev	.105	.00000	.00090	.00043	.00000	1.04	.00003
%RSD	.91860	.03229	1.1194	.52411	.51411	.51681	433.72
#1	11.475	.01092	.08138	.08225	.00060	201.63	.00003
#2	11.327	.01093	.08010	.08165	.00061	200.17	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00735	.02913	.02127	17.505	4.5843	56.638	.41788
SDev	.00024	.00024	.00107	.043	.0445	.236	.00119
%RSD	3.2957	.82918	5.0131	.24632	.97155	.41598	.28468
#1	.00752	.02896	.02051	17.535	4.6158	56.805	.41872
#2	.00718	.02930	.02202	17.474	4.5528	56.472	.41704
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	10.372	.02270	.00905	.01065	.01012	.00393
SDev	.00050	.133	.00075	.00392	.00014	.00121	.00081
%RSD	26.656	1.2839	3.3198	43.314	1.3465	11.959	20.512
#1	.00225	10.278	.02216	.01183	.01055	.01098	.00336
#2	.00154	10.466	.02323	.00628	.01075	.00926	.00450
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00560	.00309	.25870	.00343	.02526	.05911
SDev	.00082	.00304	.00031	.00112	.00025	.00030	.00034
%RSD	589.02	54.354	10.167	.43495	7.2860	1.1722	.57480
#1	.00044	.00345	.00331	.25790	.00361	.02547	.05935
#2	-.00072	.00775	.00287	.25950	.00325	.02505	.05887
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00240	.00230
SDev	.00071	.00027
%RSD	29.545	11.800
#1	.00290	.00249
#2	.00190	.00211
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4158	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0204112	--	--	--	--	--	--
#1	4158	--	--	--	--	--	--
#2	4157	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848953 Operator: AH
Run Time: 08/29/08 15:34:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	28.875	.01706	.14293	.18649	.00150	199.54	-.00022
SDev	.094	.00094	.00047	.00049	.00002	.60	.00024
%RSD	.32553	5.4952	.32788	.26108	.96950	.29992	107.43
#1	28.942	.01772	.14326	.18684	.00151	199.96	-.00005
#2	28.809	.01640	.14260	.18615	.00149	199.11	-.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01943	.06489	.03995	48.558	9.6349	51.813	.97754
SDev	.00030	.00012	.00024	.111	.0471	.182	.00171
%RSD	1.5268	.17756	.59731	.22867	.48914	.35145	.17472
#1	.01964	.06497	.04012	48.636	9.6682	51.942	.97875
#2	.01922	.06481	.03978	48.479	9.6016	51.685	.97633
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	31.412	.05262	.02077	.02318	.02238	.00106
SDev	.00012	.148	.00081	.00047	.00024	.00001	.00088
%RSD	2.3193	.47002	1.5364	2.2730	1.0584	.02875	82.206
#1	.00514	31.516	.05320	.02044	.02335	.02238	.00045
#2	.00532	31.308	.05205	.02110	.02301	.02237	.00168
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	.00387	-.00034	.38260	.00057	.05438	.11374
SDev	.00066	.00528	.00133	.00986	.00069	.00051	.00010
%RSD	107.18	136.58	394.38	2.5765	120.42	.94373	.08477
#1	-.00108	.00013	.00060	.38957	.00008	.05475	.11367
#2	-.00015	.00760	-.00128	.37563	.00106	.05402	.11381
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00389	.00091
SDev	.00194	.00019
%RSD	49.944	21.208
#1	.00252	.00078
#2	.00527	.00105
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4184	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0684506	--	--	--	--	--	--
#1	4182	--	--	--	--	--	--
#2	4186	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 03:46:30 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 15:41:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.601	.48730	.48946	.49722	.49094	24.435	.48568
SDev	.002	.00098	.00005	.00000	.00012	.002	.00023
%RSD	.00978	.20193	.00929	.00013	.02422	.00843	.04761
#1	24.599	.48799	.48943	.49722	.49102	24.433	.48585
#2	24.602	.48660	.48949	.49722	.49085	24.436	.48552
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48962	.49110	.49454	24.489	24.919	24.183	.48875
SDev	.00077	.00016	.00039	.021	.030	.019	.00074
%RSD	.15762	.03327	.07895	.08765	.11903	.07692	.15180
#1	.49016	.49122	.49482	24.504	24.940	24.196	.48928
#2	.48907	.49098	.49426	24.473	24.898	24.170	.48823
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49643	24.416	.48905	.48368	.49227	.48941	.48732
SDev	.00159	.077	.00067	.00228	.00559	.00297	.00571
%RSD	.31959	.31491	.13656	.47109	1.1356	.60682	1.1708
#1	.49531	24.471	.48953	.48206	.49622	.49151	.49135
#2	.49756	24.362	.48858	.48529	.48831	.48731	.48328
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50213	.48569	.48814	.50181	.48939	.49635	.48786
SDev	.00276	.00310	.01011	.00017	.00001	.00089	.00078
%RSD	.54967	.63778	2.0705	.03493	.00296	.18011	.16043
#1	.50408	.48350	.49529	.50168	.48940	.49698	.48842
#2	.50018	.48788	.48099	.50193	.48938	.49572	.48731
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49100	.49280
SDev	.00153	.00092
%RSD	.31193	.18573
#1	.49209	.49345
#2	.48992	.49215
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4111	--	--	--	--	--	--
SDev	.1591681	--	--	--	--	--	--
%RSD	.0038722	--	--	--	--	--	--
#1	4111	--	--	--	--	--	--
#2	4110	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 03:51:53 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 15:46:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01200	.00052	.00003	-.00009	.00004	.01093	-.00000
SDev	.00262	.00004	.00061	.00008	.00001	.00262	.00008
%RSD	21.828	8.0612	2073.9	84.788	12.772	23.992	1981.2
#1	.01015	.00049	.00046	-.00015	.00004	.00908	.00005
#2	.01385	.00055	-.00040	-.00004	.00004	.01278	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00017	-.00035	.00751	.00487	.01018	.00011
SDev	.00030	.00005	.00008	.00334	.00030	.00072	.00003
%RSD	1887.5	27.657	22.419	44.430	6.2595	7.0509	23.735
#1	.00020	.00013	-.00041	.00987	.00466	.00967	.00009
#2	-.00023	.00020	-.00030	.00515	.00509	.01069	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	-.23192	-.00040	.00106	.00157	.00140	.00422
SDev	.00113	.05941	.00004	.00165	.00098	.00011	.00095
%RSD	135.70	25.615	11.232	155.83	62.617	7.5363	22.616
#1	.00163	-.18991	-.00036	-.00011	.00226	.00147	.00489
#2	.00003	-.27393	-.00043	.00223	.00087	.00132	.00354
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00204	.00531	-.00011	.00010	-.00025	.00021
SDev	.00049	.00498	.00392	.00012	.00050	.00006	.00027
%RSD	392.43	244.20	73.885	101.10	508.52	24.491	127.29
#1	-.00022	-.00148	.00808	-.00020	-.00025	-.00029	.00040
#2	.00047	.00556	.00254	-.00003	.00045	-.00020	.00002
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00046	-.00013
SDev	.00118	.00019
%RSD	256.54	145.49
#1	-.00037	-.00026
#2	.00129	.00000
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4111	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0645088	--	--	--	--	--	--
#1	4112	--	--	--	--	--	--
#2	4109	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848953/L (1:5) Operator: AH
Run Time: 08/29/08 15:51:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.8744	.00558	.02942	.03767	.00032	40.530	-.00016
SDev	.0102	.00041	.00044	.00011	.00001	.130	.00020
%RSD	.17436	7.3698	1.5126	.29000	4.0568	.31974	126.69
#1	5.8672	.00587	.02910	.03759	.00033	40.438	-.00030
#2	5.8817	.00529	.02973	.03774	.00031	40.621	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00392	.01359	.00755	9.9861	1.8088	10.524	.20011
SDev	.00014	.00048	.00018	.0134	.0005	.007	.00035
%RSD	3.6087	3.5107	2.4512	.13404	.02760	.06925	.17515
#1	.00382	.01326	.00742	9.9956	1.8091	10.529	.20036
#2	.00402	.01393	.00768	9.9766	1.8084	10.519	.19986
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	6.3981	.01057	.00388	.00508	.00468	-.00068
SDev	.00038	.0280	.00017	.00237	.00016	.00068	.00065
%RSD	22.397	.43695	1.5889	60.933	3.2250	14.500	94.787
#1	.00195	6.4178	.01045	.00556	.00496	.00516	-.00022
#2	.00142	6.3783	.01069	.00221	.00520	.00420	-.00114
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	.00487	-.00346	.07595	.00321	.01101	.02387
SDev	.00353	.00082	.00138	.00186	.00375	.00086	.00038
%RSD	217.37	16.903	39.963	2.4455	116.84	7.8170	1.5987
#1	-.00412	.00428	-.00248	.07727	.00586	.01041	.02360
#2	.00087	.00545	-.00443	.07464	.00056	.01162	.02414
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00272	.00040
SDev	.00082	.00028
%RSD	29.975	70.417
#1	.00215	.00020
#2	.00330	.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4141	--	--	--	--	--	--
SDev	4.666974	--	--	--	--	--	--
%RSD	.1127125	--	--	--	--	--	--
#1	4144	--	--	--	--	--	--
#2	4137	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848953/PS Operator: AH
Run Time: 08/29/08 16:00:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.525	.22361	.34317	.38831	.20360	205.87	.19829
SDev	.058	.00273	.00140	.00047	.00014	.11	.00034
%RSD	.14998	1.2207	.40843	.12244	.06697	.05485	.17169
#1	38.565	.22168	.34218	.38865	.20370	205.79	.19853
#2	38.484	.22554	.34416	.38798	.20351	205.95	.19805
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21976	.25824	.24377	57.665	20.312	61.005	1.1574
SDev	.00039	.00089	.00023	.062	.005	.056	.0020
%RSD	.17859	.34339	.09636	.10695	.02673	.09134	.17295
#1	.22004	.25886	.24394	57.708	20.316	61.044	1.1588
#2	.21949	.25761	.24361	57.621	20.308	60.965	1.1560
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21183	40.987	.24676	.21155	.22084	.21774	.20349
SDev	.00030	.092	.00049	.00179	.00047	.00028	.00007
%RSD	.14080	.22500	.20013	.84846	.21338	.13016	.03461
#1	.21162	40.922	.24711	.21028	.22117	.21754	.20354
#2	.21204	41.052	.24641	.21282	.22050	.21794	.20344
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20900	.19790	.20629	.58143	.19643	.26081	.30532
SDev	.00026	.01209	.00615	.00217	.00142	.00013	.00044
%RSD	.12568	6.1120	2.9828	.37373	.72350	.05114	.14255
#1	.20919	.18935	.21065	.57989	.19542	.26090	.30562
#2	.20881	.20645	.20194	.58296	.19743	.26072	.30501
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.18987	.05262
SDev	.00153	.00041
%RSD	.80817	.77520
#1	.18879	.05233
#2	.19096	.05291
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4185	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.2002290	--	--	--	--	--	--
#1	4191	--	--	--	--	--	--
#2	4179	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848954/MS Operator: AH
Run Time: 08/29/08 16:05:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	38.009	.22192	.34118	.38315	.19702	215.96	.19186
SDev	.094	.00014	.00114	.00131	.00063	.74	.00003
%RSD	.24787	.06439	.33399	.34198	.32184	.34119	.01434
#1	37.943	.22202	.34199	.38222	.19657	215.44	.19188
#2	38.076	.22182	.34038	.38407	.19747	216.48	.19184
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21614	.25423	.24145	59.465	18.896	63.037	1.1969
SDev	.00018	.00019	.00072	.024	.003	.039	.0012
%RSD	.08567	.07681	.29614	.04016	.01699	.06167	.10421
#1	.21627	.25437	.24094	59.482	18.899	63.064	1.1978
#2	.21601	.25410	.24195	59.448	18.894	63.009	1.1961
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20275	42.533	.24318	.21236	.21610	.21485	.19795
SDev	.00055	.044	.00093	.00147	.00034	.00026	.00406
%RSD	.26952	.10278	.38049	.69192	.15887	.12116	2.0513
#1	.20314	42.564	.24253	.21132	.21634	.21467	.19508
#2	.20237	42.502	.24384	.21340	.21586	.21504	.20082
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17869	.19427	.19979	.56858	.18677	.25228	.30343
SDev	.00134	.00385	.00417	.00279	.00335	.00082	.00070
%RSD	.74950	1.9814	2.0853	.49126	1.7960	.32560	.23041
#1	.17774	.19155	.19685	.57055	.18439	.25287	.30393
#2	.17964	.19699	.20274	.56660	.18914	.25170	.30294
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20281	.05144
SDev	.00001	.00004
%RSD	.00383	.07834
#1	.20280	.05147
#2	.20281	.05141
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4161	--	--	--	--	--	--
SDev	7.265453	--	--	--	--	--	--
%RSD	.1745879	--	--	--	--	--	--
#1	4167	--	--	--	--	--	--
#2	4156	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848955/SD Operator: AH
Run Time: 08/29/08 16:10:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.618	.22172	.33415	.37539	.19754	211.31	.19206
SDev	.071	.00025	.00114	.00050	.00034	.30	.00033
%RSD	.19354	.11456	.33997	.13389	.17323	.14293	.17251
#1	36.668	.22190	.33335	.37574	.19778	211.53	.19229
#2	36.568	.22154	.33495	.37503	.19730	211.10	.19182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21607	.25124	.24106	58.050	18.309	61.692	1.1714
SDev	.00034	.00053	.00044	.019	.040	.093	.0002
%RSD	.15615	.20985	.18335	.03206	.21914	.15076	.01879
#1	.21631	.25162	.24074	58.063	18.337	61.758	1.1715
#2	.21583	.25087	.24137	58.037	18.280	61.626	1.1712
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20223	41.558	.24232	.21001	.21836	.21558	.20084
SDev	.00019	.110	.00016	.00496	.00370	.00082	.00003
%RSD	.09412	.26365	.06560	2.3630	1.6954	.37883	.01559
#1	.20236	41.636	.24243	.21352	.21575	.21501	.20087
#2	.20209	41.481	.24220	.20650	.22098	.21616	.20082
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17978	.20182	.20036	.52322	.18487	.25055	.30171
SDev	.00064	.01020	.00505	.00754	.00534	.00004	.00110
%RSD	.35706	5.0547	2.5224	1.4420	2.8879	.01697	.36471
#1	.17933	.20904	.19678	.52855	.18865	.25058	.30249
#2	.18024	.19461	.20393	.51788	.18110	.25052	.30093
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19998	.05143
SDev	.00064	.00098
%RSD	.31950	1.9076
#1	.19953	.05213
#2	.20043	.05074
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4153	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.1021646	--	--	--	--	--	--
#1	4156	--	--	--	--	--	--
#2	4150	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848956 Operator: AH
Run Time: 08/29/08 16:16:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2246	.02440	.09330	.37469	.00066	368.29	-.00004
SDev	.0314	.00206	.00076	.00142	.00001	1.18	.00019
%RSD	.60081	8.4426	.81832	.37763	1.8130	.32110	505.50
#1	5.2468	.02294	.09384	.37570	.00065	369.13	.00009
#2	5.2024	.02586	.09276	.37369	.00066	367.46	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00688	8.5255	.03581	58.443	4.4602	100.30	.48442
SDev	.00019	.0226	.00002	.089	.0225	.32	.00135
%RSD	2.8054	.26468	.05316	.15244	.50449	.31428	.27790
#1	.00702	8.5414	.03582	58.506	4.4761	100.53	.48537
#2	.00675	8.5095	.03579	58.380	4.4443	100.08	.48347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09858	318.09	.27455	.00352	.00758	.00623	.00069
SDev	.00061	.25	.00136	.00333	.00315	.00099	.00229
%RSD	.62256	.07774	.49439	94.447	41.503	15.908	334.58
#1	.09814	318.27	.27551	.00117	.00981	.00693	.00231
#2	.09901	317.92	.27359	.00588	.00536	.00553	-.00094
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00516	.00255	-.00025	.08947	.00004	.04554	.04118
SDev	.00161	.00035	.00361	.00552	.00203	.00079	.00042
%RSD	31.158	13.572	1451.2	6.1661	5662.3	1.7272	1.0314
#1	.00630	.00231	.00231	.09337	.00147	.04610	.04148
#2	.00403	.00280	-.00280	.08557	-.00140	.04498	.04088
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00745	.00001
SDev	.00069	.00014
%RSD	9.3076	920.13
#1	.00696	-.00008
#2	.00794	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4001	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0530254	--	--	--	--	--	--
#1	4002	--	--	--	--	--	--
#2	3999	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848957 Operator: AH
Run Time: 08/29/08 16:21:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.3585	.00330	.10598	.26024	.00027	158.88	.00016
SDev	.1008	.00159	.00599	.01085	.00012	6.94	.00019
%RSD	4.2745	48.228	5.6538	4.1676	42.614	4.3662	122.89
#1	2.2872	.00217	.10175	.25257	.00019	153.98	.00002
#2	2.4298	.00443	.11022	.26791	.00035	163.79	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02676	24.008	.69729	195.71	2.6440	51.034	.72206
SDev	.00110	1.225	.03038	10.14	.1044	2.589	.03711
%RSD	4.1267	5.1015	4.3572	5.1833	3.9497	5.0731	5.1393
#1	.02598	23.142	.67580	188.54	2.5702	49.203	.69582
#2	.02754	24.875	.71877	202.88	2.7178	52.864	.74830
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25773	167.43	2.4786	.00372	.00175	.00241	-.00357
SDev	.01518	6.47	.1031	.00009	.00015	.00007	.00265
%RSD	5.8887	3.8639	4.1611	2.5275	8.5574	2.8502	74.221
#1	.24700	162.86	2.4057	.00379	.00164	.00236	-.00170
#2	.26846	172.01	2.5515	.00365	.00186	.00245	-.00544
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00847	.00365	-.00718	.04466	L-.01019	.07180	.01141
SDev	.00036	.00186	.00304	.00268	.00166	.00410	.00067
%RSD	4.2421	50.951	42.404	6.0029	16.295	5.7079	5.8810
#1	.00822	.00496	-.00503	.04655	-.00902	.06891	.01094
#2	.00872	.00233	-.00933	.04276	L-.01137	.07470	.01189
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01068	-.00036
SDev	.00362	.00004
%RSD	33.864	11.761
#1	.00812	-.00039
#2	.01324	-.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4177	--	--	--	--	--	--
SDev	169.1755	--	--	--	--	--	--
%RSD	4.050263	--	--	--	--	--	--
#1	4297	--	--	--	--	--	--
#2	4057	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848958 Operator: AH
Run Time: 08/29/08 16:27:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5256	.00440	.03081	1.0150	.00034	208.51	-.00035
SDev	.0044	.00029	.00021	.0027	.00000	.08	.00002
%RSD	.12620	6.5709	.68628	.26790	.95667	.03771	6.0943
#1	3.5225	.00419	.03096	1.0131	.00034	208.46	-.00033
#2	3.5288	.00460	.03066	1.0170	.00033	208.57	-.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	.00725	.00402	121.42	2.1095	51.488	.46977
SDev	.00013	.00020	.00024	.11	.0117	.082	.00058
%RSD	3.7812	2.7197	6.0634	.08824	.55314	.15964	.12272
#1	.00338	.00739	.00385	121.49	2.1178	51.546	.47018
#2	.00356	.00711	.00419	121.34	2.1013	51.429	.46936
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00333	33.577	.00620	.00594	.00355	.00435	-.00053
SDev	.00048	.223	.00028	.00015	.00025	.00022	.00121
%RSD	14.455	.66540	4.5612	2.5024	7.1185	5.0176	225.98
#1	.00367	33.735	.00640	.00584	.00337	.00419	.00032
#2	.00299	33.419	.00600	.00605	.00373	.00450	-.00139
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.00498	-.00329	.05655	-.00628	.00701	.01033
SDev	.00081	.00269	.00047	.00043	.00037	.00008	.00007
%RSD	150.63	54.069	14.163	.75831	5.8188	1.0823	.67512
#1	.00004	.00688	-.00296	.05686	-.00654	.00707	.01028
#2	-.00111	.00308	-.00362	.05625	-.00602	.00696	.01038
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00413	-.00003
SDev	.00052	.00009
%RSD	12.591	316.47
#1	.00376	.00003
#2	.00450	-.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4095	--	--	--	--	--	--
SDev	7.053287	--	--	--	--	--	--
%RSD	.1722619	--	--	--	--	--	--
#1	4090	--	--	--	--	--	--
#2	4100	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848959 Operator: AH
Run Time: 08/29/08 16:32:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.704	.01342	.09578	.22228	.00119	172.80	-.00002
SDev	.158	.00075	.00006	.00064	.00002	.39	.00010
%RSD	.69545	5.5592	.06207	.28611	1.3002	.22401	382.74
#1	22.816	.01289	.09574	.22273	.00121	173.07	.00004
#2	22.593	.01394	.09582	.22183	.00118	172.52	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03344	.85644	.06834	41.207	10.170	67.236	.66868
SDev	.00010	.00098	.00044	.045	.048	.073	.00094
%RSD	.29712	.11449	.64377	.11017	.47532	.10899	.14134
#1	.03351	.85713	.06865	41.240	10.204	67.288	.66935
#2	.03337	.85574	.06803	41.175	10.136	67.184	.66801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07427	73.168	.83767	.01977	.02044	.02022	.00155
SDev	.00060	.242	.00221	.00113	.00010	.00045	.00053
%RSD	.80385	.33138	.26390	5.7226	.50954	2.2067	34.597
#1	.07470	73.340	.83923	.02057	.02052	.02054	.00193
#2	.07385	72.997	.83611	.01897	.02037	.01990	.00117
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00360	.00754	-.00145	.39727	-.00137	.05747	.10613
SDev	.00098	.00121	.00141	.01462	.00213	.00070	.00029
%RSD	27.377	16.102	97.473	3.6808	155.86	1.2142	.27092
#1	.00429	.00668	-.00045	.40761	-.00288	.05797	.10633
#2	.00290	.00839	-.00244	.38693	.00014	.05698	.10593
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00533	.00018
SDev	.00239	.00046
%RSD	44.896	261.15
#1	.00703	.00050
#2	.00364	-.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4141	--	--	--	--	--	--
SDev	11.08376	--	--	--	--	--	--
%RSD	.2676582	--	--	--	--	--	--
#1	4133	--	--	--	--	--	--
#2	4149	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848960 Operator: AH
Run Time: 08/29/08 16:37:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1915	.00480	.04381	.30770	.00006	97.339	-.00004
SDev	.0046	.00016	.00077	.00011	.00000	.091	.00004
%RSD	.38999	3.2795	1.7568	.03454	2.5453	.09316	124.80
#1	1.1948	.00491	.04435	.30762	.00006	97.275	-.00007
#2	1.1882	.00469	.04326	.30777	.00006	97.404	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.03589	.00315	10.264	3.8222	26.899	.20302
SDev	.00019	.00024	.00018	.009	.0088	.035	.00014
%RSD	17.326	.65885	5.6040	.08707	.23151	.13071	.06750
#1	.00096	.03572	.00303	10.258	3.8159	26.874	.20292
#2	.00123	.03606	.00328	10.270	3.8285	26.924	.20312
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00288	31.289	.01536	.00095	.00314	.00241	.00095
SDev	.00074	.062	.00017	.00497	.00265	.00011	.00016
%RSD	25.595	.19927	1.1173	521.02	84.309	4.6672	16.656
#1	.00341	31.333	.01524	.00447	.00127	.00233	.00084
#2	.00236	31.245	.01548	-.00256	.00502	.00249	.00106
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00372	-.00043	.02015	.00079	.00224	.01482
SDev	.00098	.00014	.00017	.00097	.00069	.00030	.00036
%RSD	436.18	3.8606	38.290	4.8011	87.492	13.519	2.4387
#1	-.00047	.00362	-.00055	.02083	.00128	.00203	.01457
#2	.00091	.00383	-.00032	.01946	.00030	.00246	.01508
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00312	-.00015
SDev	.00155	.00063
%RSD	49.538	416.96
#1	.00203	.00030
#2	.00422	-.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4152	--	--	--	--	--	--
SDev	2.280143	--	--	--	--	--	--
%RSD	.0549182	--	--	--	--	--	--
#1	4154	--	--	--	--	--	--
#2	4150	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848961 Operator: AH
Run Time: 08/29/08 16:43:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10023	.02269	.12768	.21780	.00001	58.555	.00012
SDev	.00177	.00253	.00021	.00031	.00002	.003	.00016
%RSD	1.7639	11.172	.16577	.14261	271.06	.00438	126.32
#1	.09898	.02449	.12753	.21802	-.00001	58.553	.00001
#2	.10148	.02090	.12783	.21758	.00002	58.557	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.02295	.00568	1.9893	8.2246	18.073	.04840
SDev	.00065	.00017	.00022	.0008	.0228	.038	.00003
%RSD	272.40	.73414	3.8702	.03814	.27760	.21137	.05201
#1	-.00022	.02283	.00553	1.9898	8.2085	18.046	.04838
#2	.00069	.02307	.00584	1.9887	8.2408	18.100	.04842
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00802	30.413	.01442	.16800	.17236	.17091	.00522
SDev	.00105	.194	.00060	.00134	.00029	.00025	.00210
%RSD	13.141	.63757	4.1890	.79938	.16906	.14795	40.174
#1	.00728	30.276	.01399	.16895	.17215	.17108	.00670
#2	.00877	30.550	.01484	.16705	.17256	.17073	.00374
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00287	.00674	.00446	.00225	.00253	.00002	.00635
SDev	.00042	.00363	.00133	.00039	.00163	.00036	.00036
%RSD	14.529	53.772	29.900	17.228	64.447	1457.5	5.6687
#1	.00257	.00930	.00540	.00198	.00138	-.00023	.00609
#2	.00316	.00418	.00352	.00252	.00368	.00028	.00660
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00294	.00009
SDev	.00059	.00053
%RSD	20.228	607.96
#1	.00336	-.00029
#2	.00252	.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4157	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.1046131	--	--	--	--	--	--
#1	4160	--	--	--	--	--	--
#2	4154	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 16:50:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.723	.49552	.49252	.50207	.49213	24.674	.48879
SDev	.008	.00255	.00108	.00050	.00020	.024	.00034
%RSD	.03365	.51519	.21977	.10041	.04160	.09687	.06974
#1	24.717	.49371	.49328	.50171	.49198	24.657	.48903
#2	24.729	.49732	.49175	.50243	.49227	24.691	.48855
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49350	.49188	.49787	24.635	25.275	24.451	.49064
SDev	.00098	.00022	.00039	.021	.005	.001	.00039
%RSD	.19917	.04575	.07765	.08667	.01958	.00586	.07893
#1	.49420	.49204	.49815	24.650	25.271	24.452	.49091
#2	.49281	.49172	.49760	24.620	25.278	24.450	.49037
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50008	24.759	.49102	.48511	.50091	.49565	.49766
SDev	.00376	.099	.00038	.00312	.00110	.00030	.00646
%RSD	.75180	.39805	.07717	.64222	.22023	.06086	1.2982
#1	.49742	24.829	.49076	.48290	.50169	.49543	.49310
#2	.50274	24.690	.49129	.48731	.50013	.49586	.50223
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51171	.48421	.50440	.50944	.48747	.50365	.49382
SDev	.00085	.00690	.00624	.00082	.00064	.00123	.00107
%RSD	.16650	1.4248	1.2374	.16188	.13225	.24397	.21612
#1	.51111	.47933	.49999	.50885	.48702	.50452	.49306
#2	.51232	.48908	.50881	.51002	.48793	.50278	.49457
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49499	.49367
SDev	.00185	.00002
%RSD	.37367	.00494
#1	.49368	.49368
#2	.49630	.49365
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4108	--	--	--	--	--	--
SDev	8.856789	--	--	--	--	--	--
%RSD	.2156176	--	--	--	--	--	--
#1	4114	--	--	--	--	--	--
#2	4101	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 16:55:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01482	.00185	.00007	-.00003	.00008	.00979	.00006
SDev	.00258	.00121	.00040	.00014	.00000	.00069	.00007
%RSD	17.381	65.386	598.47	475.68	2.4928	7.0570	108.97
#1	.01665	.00099	-.00022	.00007	.00009	.00930	.00001
#2	.01300	.00270	.00035	-.00013	.00008	.01028	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00019	-.00046	.01359	.00602	.01478	.00015
SDev	.00006	.00018	.00047	.00621	.00378	.00024	.00000
%RSD	17.628	98.432	101.49	45.686	62.843	1.5987	.00144
#1	.00027	.00006	-.00013	.00920	.00870	.01494	.00015
#2	.00035	.00031	-.00079	.01798	.00335	.01461	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.02832	.00009	.00103	.00117	.00112	.00198
SDev	.00110	.05779	.00011	.00123	.00248	.00206	.00133
%RSD	144.72	204.07	118.57	119.09	211.83	183.51	67.368
#1	.00153	-.01255	.00001	.00016	-.00058	-.00033	.00292
#2	-.00002	.06919	.00017	.00190	.00293	.00258	.00104
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.00238	.00178	.00006	.00232	.00014	.00015
SDev	.00057	.00029	.00185	.00027	.00091	.00000	.00018
%RSD	41.959	12.342	104.21	424.83	39.083	.54378	120.70
#1	.00096	.00259	.00309	.00025	.00168	.00014	.00027
#2	.00176	.00217	.00047	-.00013	.00296	.00014	.00002
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00286	-.00012
SDev	.00052	.00024
%RSD	18.243	200.41
#1	.00323	-.00029
#2	.00249	.00005
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4106	--	--	--	--	--	--
SDev	.3715073	--	--	--	--	--	--
%RSD	.0090476	--	--	--	--	--	--
#1	4106	--	--	--	--	--	--
#2	4106	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848962 Operator: AH
Run Time: 08/29/08 17:00:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09758	.02808	.12839	.21692	.00003	58.296	.00010
SDev	.00273	.00201	.00093	.00067	.00002	.213	.00000
%RSD	2.8008	7.1460	.72124	.30888	57.174	.36543	1.8221
#1	.09951	.02666	.12905	.21739	.00005	58.447	.00010
#2	.09565	.02950	.12774	.21644	.00002	58.146	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.01859	.00643	1.9550	8.0241	18.060	.04859
SDev	.00024	.00017	.00010	.0072	.0100	.047	.00009
%RSD	34.057	.90009	1.5483	.36920	.12445	.26169	.18913
#1	.00054	.01871	.00650	1.9499	8.0170	18.093	.04865
#2	.00088	.01847	.00636	1.9601	8.0312	18.027	.04852
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00750	30.229	.01106	.17916	.18648	.18404	.00577
SDev	.00018	.036	.00073	.00171	.00049	.00024	.00244
%RSD	2.3763	.11950	6.6472	.95495	.26240	.13222	42.286
#1	.00737	30.204	.01158	.17795	.18682	.18387	.00404
#2	.00762	30.255	.01054	.18037	.18613	.18421	.00749
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00477	.00272	.00729	.00197	-.00079	.00024	.00551
SDev	.00284	.00008	.00370	.00019	.00046	.00006	.00032
%RSD	59.577	2.8533	50.724	9.6821	57.420	23.550	5.8179
#1	.00276	.00278	.00467	.00184	-.00112	.00020	.00528
#2	.00678	.00267	.00990	.00211	-.00047	.00028	.00574
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00057	-.00028
SDev	.00085	.00041
%RSD	147.78	142.87
#1	-.00003	-.00057
#2	.00117	.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4136	--	--	--	--	--	--
SDev	20.89487	--	--	--	--	--	--
%RSD	.5051828	--	--	--	--	--	--
#1	4121	--	--	--	--	--	--
#2	4151	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848963 Operator: AH
Run Time: 08/29/08 17:06:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.738	.26265	.06544	.53958	.00261	90.868	-.00037
SDev	.699	.00331	.00247	.01022	.00006	1.462	.00006
%RSD	1.7156	1.2597	3.7683	1.8935	2.2215	1.6094	15.629
#1	40.244	.26031	.06370	.53236	.00257	89.834	-.00033
#2	41.232	.26499	.06719	.54681	.00265	91.902	-.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04174	.05221	.03679	66.486	8.1267	25.488	1.9569
SDev	.00042	.00042	.00002	.762	.0556	.296	.0222
%RSD	.99403	.79943	.04729	1.1458	.68416	1.1619	1.1352
#1	.04145	.05191	.03681	65.947	8.0874	25.279	1.9411
#2	.04204	.05250	.03678	67.025	8.1661	25.697	1.9726
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01245	13.188	.05833	.02424	.02844	.02704	.00032
SDev	.00040	.133	.00120	.00091	.00175	.00086	.00572
%RSD	3.2190	1.0119	2.0492	3.7483	6.1416	3.1897	1779.7
#1	.01217	13.282	.05749	.02488	.02721	.02643	-.00372
#2	.01274	13.094	.05918	.02360	.02968	.02765	.00437
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	.00146	-.00025	.35270	-.00273	.07747	.12672
SDev	.00144	.01044	.00336	.01086	.00106	.00116	.00166
%RSD	164.87	717.46	1368.6	3.0790	38.802	1.4928	1.3101
#1	.00189	-.00593	-.00262	.34502	-.00198	.07665	.12555
#2	-.00014	.00884	.00213	.36037	-.00348	.07829	.12789
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00617	-.00051
SDev	.00322	.00033
%RSD	52.222	65.024
#1	.00389	-.00074
#2	.00845	-.00027
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4328	--	--	--	--	--	--
SDev	41.89608	--	--	--	--	--	--
%RSD	.9680519	--	--	--	--	--	--
#1	4358	--	--	--	--	--	--
#2	4298	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848964 Operator: AH
Run Time: 08/29/08 17:11:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.133	.05985	.06625	.73830	.00170	518.13	.00035
SDev	.073	.00204	.00088	.00012	.00001	.79	.00003
%RSD	.24929	3.4153	1.3291	.01596	.47799	.15182	8.6718
#1	29.185	.05841	.06687	.73838	.00171	517.57	.00037
#2	29.082	.06130	.06563	.73822	.00169	518.69	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03909	.06409	.05370	53.881	13.717	160.18	1.8439
SDev	.00001	.00016	.00003	.041	.082	.21	.0015
%RSD	.01448	.25034	.05797	.07607	.59928	.13189	.08214
#1	.03909	.06420	.05372	53.910	13.775	160.33	1.8450
#2	.03909	.06397	.05368	53.852	13.659	160.03	1.8428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02578	H885.63	.09804	.02389	.02822	.02678	-.00010
SDev	.00034	.11	.00012	.00163	.00095	.00009	.00204
%RSD	1.3343	.01211	.12194	6.8447	3.3519	.32256	2086.3
#1	.02553	H885.71	.09813	.02505	.02755	.02672	-.00154
#2	.02602	H885.56	.09796	.02274	.02889	.02684	.00134
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00664	.00227	-.00128	.41289	-.00371	.06926	.19640
SDev	.00485	.00279	.00167	.01447	.00087	.00000	.00038
%RSD	73.040	122.46	129.83	3.5053	23.313	.00499	.19326
#1	.00321	.00030	-.00246	.42312	-.00310	.06926	.19667
#2	.01007	.00424	-.00011	.40266	-.00433	.06926	.19613
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00448	-.00064
SDev	.00220	.00008
%RSD	49.198	12.435
#1	.00604	-.00069
#2	.00292	-.00058
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3963	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.0883105	--	--	--	--	--	--
#1	3966	--	--	--	--	--	--
#2	3961	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848965 Operator: AH
Run Time: 08/29/08 17:16:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40438	.00286	.02288	.10985	.00012	110.53	-.00004
SDev	.00953	.00050	.00021	.00022	.00002	.27	.00007
%RSD	2.3577	17.489	.91430	.19884	19.234	.24869	202.36
#1	.41112	.00321	.02303	.11001	.00013	110.72	.00002
#2	.39764	.00250	.02274	.10970	.00010	110.33	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00227	.00096	2.0518	2.0301	29.746	.21234
SDev	.00011	.00020	.00056	.0209	.0143	.299	.00212
%RSD	28.227	9.0227	59.013	1.0189	.70525	1.0050	.99739
#1	.00047	.00241	.00136	2.0666	2.0402	29.957	.21384
#2	.00031	.00212	.00056	2.0371	2.0200	29.534	.21084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	17.668	.00153	.00414	-.00152	.00037	.00419
SDev	.00054	.137	.00055	.00154	.00040	.00024	.00277
%RSD	22.715	.77318	36.082	37.165	26.481	66.768	66.151
#1	.00200	17.764	.00192	.00305	-.00124	.00019	.00223
#2	.00277	17.571	.00114	.00523	-.00180	.00054	.00615
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.01140	.00059	.01225	-.00061	.00047	.00271
SDev	.00102	.00740	.00046	.00058	.00242	.00037	.00016
%RSD	3323.5	64.889	78.338	4.7658	393.58	80.181	6.0494
#1	-.00069	.00617	.00026	.01184	-.00232	.00073	.00259
#2	.00076	.01663	.00092	.01267	.00109	.00020	.00282
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00325	.00053
SDev	.00272	.00019
%RSD	83.567	35.146
#1	.00518	.00040
#2	.00133	.00066
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4063	--	--	--	--	--	--
SDev	17.55406	--	--	--	--	--	--
%RSD	.4320375	--	--	--	--	--	--
#1	4051	--	--	--	--	--	--
#2	4076	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848966 Operator: AH
Run Time: 08/29/08 17:22:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28599	.00141	.07451	.05372	.00006	65.599	-.00009
SDev	.00450	.00077	.00100	.00001	.00002	.074	.00001
%RSD	1.5742	54.517	1.3433	.02524	24.101	.11278	9.6389
#1	.28917	.00087	.07522	.05371	.00007	65.546	-.00010
#2	.28281	.00196	.07380	.05373	.00005	65.651	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.00608	.00014	.39954	3.0824	14.231	.89816
SDev	.00033	.00005	.00049	.00931	.0031	.013	.00089
%RSD	45.857	.88809	358.45	2.3300	.10215	.09348	.09927
#1	.00096	.00605	.00049	.40612	3.0802	14.241	.89879
#2	.00049	.00612	-.00021	.39296	3.0846	14.222	.89753
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00485	98.246	.00234	.00096	.00091	.00093	.00100
SDev	.00107	.039	.00026	.00219	.00083	.00018	.00353
%RSD	22.129	.04013	10.896	228.98	90.443	19.268	352.10
#1	.00409	98.274	.00253	-.00059	.00150	.00080	-.00149
#2	.00561	98.219	.00216	.00251	.00033	.00106	.00350
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00232	.00034	.00568	-.00016	.00053	.00294
SDev	.00063	.00355	.00353	.00140	.00314	.00018	.00001
%RSD	156.62	152.67	1026.6	24.588	1965.1	34.823	.24181
#1	-.00004	-.00018	-.00215	.00469	-.00238	.00066	.00294
#2	.00085	.00483	.00284	.00666	.00206	.00040	.00293
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00210	-.00005
SDev	.00115	.00034
%RSD	54.884	671.20
#1	.00129	-.00029
#2	.00292	.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4086	--	--	--	--	--	--
SDev	6.947290	--	--	--	--	--	--
%RSD	.1700470	--	--	--	--	--	--
#1	4081	--	--	--	--	--	--
#2	4090	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848967 Operator: AH
Run Time: 08/29/08 17:27:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8693	.00962	.04191	.23661	.00029	283.81	.00314
SDev	.0223	.00001	.00064	.00071	.00002	.72	.00003
%RSD	.57661	.07340	1.5379	.30105	5.0307	.25381	1.0003
#1	3.8851	.00963	.04237	.23712	.00030	284.32	.00312
#2	3.8536	.00962	.04146	.23611	.00028	283.30	.00317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00500	.01262	.02872	6.2334	2.2134	92.167	6.9418
SDev	.00003	.00002	.00007	.0090	.0140	.150	.0139
%RSD	.70662	.16227	.23011	.14411	.63035	.16287	.20054
#1	.00503	.01264	.02876	6.2397	2.2233	92.273	6.9516
#2	.00498	.01261	.02867	6.2270	2.2035	92.060	6.9319
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00422	179.42	.01194	.00297	.00509	.00438	.00249
SDev	.00049	.57	.00031	.00087	.00005	.00026	.00057
%RSD	11.571	.32030	2.6203	29.270	.95776	5.8612	23.006
#1	.00457	179.83	.01216	.00235	.00512	.00420	.00290
#2	.00388	179.02	.01172	.00358	.00505	.00457	.00209
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	-.00075	.00412	.08808	-.00142	.00941	.03060
SDev	.00069	.00543	.00357	.00073	.00415	.00014	.00023
%RSD	33.050	725.43	86.819	.82838	292.45	1.4817	.74847
#1	.00258	-.00458	.00664	.08756	-.00435	.00951	.03076
#2	.00160	.00309	.00159	.08859	.00151	.00931	.03044
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00366	.00030
SDev	.00097	.00023
%RSD	26.592	79.390
#1	.00297	.00046
#2	.00435	.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4046	--	--	--	--	--	--
SDev	6.151967	--	--	--	--	--	--
%RSD	.1520356	--	--	--	--	--	--
#1	4042	--	--	--	--	--	--
#2	4051	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848968 Operator: AH
Run Time: 08/29/08 17:33:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07812	.09604	17.098	.29446	.00027	49.024	-.00015
SDev	.00500	.00500	.028	.00235	.00001	.302	.00016
%RSD	6.4049	5.2072	.16496	.79917	4.1189	.61515	105.82
#1	.08166	.09251	17.078	.29280	.00026	48.811	-.00027
#2	.07459	.09958	17.118	.29613	.00028	49.237	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05046	.15737	.00401	4.3496	H584.18	105.81	.39474
SDev	.00027	.00082	.00027	.0235	5.53	.39	.00095
%RSD	.54318	.52136	6.7847	.53970	.94699	.36478	.24142
#1	.05027	.15679	.00420	4.3330	H580.27	105.54	.39407
#2	.05065	.15795	.00381	4.3662	H588.09	106.08	.39542
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01171	H1414.3	.24750	.00771	-.00696	-.00207	.00527
SDev	.00021	8.1	.00164	.00040	.00127	.00098	.00204
%RSD	1.7545	.57037	.66280	5.1498	18.308	47.411	38.750
#1	.01186	H1408.6	.24634	.00800	-.00606	-.00138	.00383
#2	.01157	H1420.0	.24866	.00743	-.00786	-.00276	.00672
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	.01275	.00153	.31263	-.00215	.07692	.01065
SDev	.00078	.00868	.00128	.00216	.00233	.00040	.00005
%RSD	7.5128	68.079	83.088	.69252	108.36	.52113	.42980
#1	.00987	.00661	.00244	.31110	-.00050	.07663	.01068
#2	.01098	.01889	.00063	.31416	-.00380	.07720	.01062
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01676	.00023
SDev	.00309	.00035
%RSD	18.445	151.95
#1	.01457	-.00002
#2	.01894	.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3785	--	--	--	--	--	--
SDev	16.38723	--	--	--	--	--	--
%RSD	.4330049	--	--	--	--	--	--
#1	3796	--	--	--	--	--	--
#2	3773	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849060/PB Operator: AH
Run Time: 08/29/08 17:38:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02438	-.00004	.01535	-.00009	.00013	.05642	.00004
SDev	.00009	.00437	.00242	.00014	.00001	.00025	.00000
%RSD	.37112	12123.	15.766	152.06	4.4806	.45079	8.8604
#1	.02444	-.00313	.01706	-.00019	.00013	.05660	.00003
#2	.02431	.00306	.01364	.00001	.00014	.05624	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00018	-.00039	.01131	.04020	.01044	.00022
SDev	.00033	.00034	.00016	.00194	.00764	.00024	.00003
%RSD	123.16	186.70	40.754	17.114	19.020	2.3403	11.821
#1	.00003	.00042	-.00050	.01267	.04560	.01027	.00020
#2	.00050	-.00006	-.00028	.00994	.03479	.01061	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.09758	-.00017	-.00185	.00227	.00089	-.00170
SDev	.00094	.17983	.00011	.00246	.00003	.00080	.00017
%RSD	911.72	184.28	65.554	132.82	1.5500	88.934	10.197
#1	-.00056	-.02957	-.00009	-.00359	.00229	.00033	-.00182
#2	.00077	.22474	-.00025	-.00011	.00224	.00146	-.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	-.00251	-.00129	.00011	.00105	.00006	.00125
SDev	.00008	.00882	.00415	.00036	.00110	.00025	.00009
%RSD	4.7988	351.74	321.38	323.83	104.36	399.41	7.1625
#1	-.00175	-.00874	.00164	-.00015	.00027	-.00011	.00131
#2	-.00163	.00373	-.00422	.00037	.00182	.00024	.00119
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00179	-.00026
SDev	.00066	.00017
%RSD	36.617	65.386
#1	.00133	-.00037
#2	.00226	-.00014
Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4054	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0366285	--	--	--	--	--	--
#1	4055	--	--	--	--	--	--
#2	4053	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849059/FB Operator: AH
Run Time: 08/29/08 17:43:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.109	.21169	.20929	.20752	.20247	10.225	.20357
SDev	.016	.00208	.00009	.00009	.00008	.009	.00067
%RSD	.15748	.98138	.04380	.04096	.03994	.09077	.32702
#1	10.120	.21023	.20923	.20758	.20253	10.231	.20404
#2	10.097	.21316	.20936	.20746	.20241	10.218	.20310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20662	.19785	.20422	10.271	10.513	10.105	.20062
SDev	.00040	.00005	.00021	.030	.036	.034	.00051
%RSD	.19552	.02648	.10064	.29202	.33824	.33381	.25298
#1	.20690	.19789	.20407	10.292	10.538	10.129	.20098
#2	.20633	.19781	.20436	10.250	10.488	10.081	.20026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20584	10.219	.20083	.20003	.20784	.20524	.20666
SDev	.00032	.069	.00055	.00399	.00104	.00064	.00106
%RSD	.15361	.67722	.27318	1.9968	.49870	.31122	.51366
#1	.20562	10.268	.20044	.20286	.20711	.20569	.20591
#2	.20606	10.170	.20122	.19721	.20858	.20479	.20741
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20709	.20385	.20807	.20139	.20376	.20843	.20473
SDev	.00275	.00268	.00025	.00015	.00132	.00066	.00124
%RSD	1.3254	1.3141	.12155	.07307	.64653	.31592	.60676
#1	.20514	.20196	.20789	.20128	.20283	.20890	.20561
#2	.20903	.20575	.20824	.20149	.20469	.20797	.20385
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20846	.05058
SDev	.00142	.00039
%RSD	.67929	.76235
#1	.20746	.05030
#2	.20946	.05085
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4046	--	--	--	--	--	--
SDev	4.030474	--	--	--	--	--	--
%RSD	.0996120	--	--	--	--	--	--
#1	4049	--	--	--	--	--	--
#2	4043	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849038 Operator: AH
Run Time: 08/29/08 17:49:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1912	.00270	.21828	.18285	.00054	H611.28	.00008
SDev	.0042	.00363	.00223	.00035	.00001	.53	.00009
%RSD	.35051	134.31	1.0223	.18984	2.1849	.08599	115.65
#1	1.1942	.00014	.21985	.18260	.00054	H610.91	.00014
#2	1.1882	.00527	.21670	.18309	.00053	H611.65	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	.00113	.00044	.08760	49.667	22.506	.03043
SDev	.00022	.00037	.00055	.00752	.105	.052	.00003
%RSD	35.254	32.718	126.38	8.5880	.21142	.23288	.09276
#1	.00077	.00140	.00083	.09292	49.741	22.543	.03045
#2	.00046	.00087	.00005	.08228	49.592	22.469	.03041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03441	H2324.4	.00391	-.00286	.00234	.00061	.00336
SDev	.00109	2.9	.00045	.00319	.00199	.00026	.00326
%RSD	3.1711	.12625	11.501	111.58	84.837	43.190	96.868
#1	.03364	H2322.4	.00423	-.00511	.00375	.00080	.00567
#2	.03519	H2326.5	.00359	-.00060	.00094	.00042	.00106
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00529	.00240	-.00029	.00140	.00801	.00216
SDev	.00012	.00338	.00658	.00025	.00522	.00006	.00020
%RSD	13.546	63.861	273.69	87.967	372.88	.79615	9.2603
#1	.00081	.00290	.00705	-.00011	.00509	.00806	.00230
#2	.00098	.00768	-.00225	-.00046	-.00229	.00797	.00202
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00284	-.00071
SDev	.00031	.00000
%RSD	11.063	.04549
#1	.00306	-.00071
#2	.00262	-.00071
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3629	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0511491	--	--	--	--	--	--
#1	3630	--	--	--	--	--	--
#2	3628	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 06:01:29 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 17:56:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.582	.49058	.49223	.49634	.48880	24.487	.48713
SDev	.051	.00235	.00123	.00102	.00117	.067	.00170
%RSD	.20712	.47813	.24938	.20573	.23849	.27391	.34810
#1	24.618	.49224	.49136	.49706	.48963	24.535	.48833
#2	24.546	.48892	.49310	.49562	.48798	24.440	.48593
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49170	.49136	.49432	24.593	25.292	24.339	.48976
SDev	.00085	.00095	.00076	.083	.063	.060	.00127
%RSD	.17350	.19395	.15394	.33898	.24805	.24765	.26011
#1	.49230	.49203	.49486	24.652	25.336	24.381	.49066
#2	.49109	.49069	.49379	24.534	25.248	24.296	.48886
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49872	24.639	.48607	.48174	.49435	.49015	.48766
SDev	.00012	.154	.00026	.00189	.00129	.00149	.00043
%RSD	.02470	.62612	.05386	.39156	.26078	.30358	.08742
#1	.49881	24.748	.48588	.48308	.49526	.49120	.48796
#2	.49863	24.530	.48625	.48041	.49344	.48910	.48736
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50670	.48325	.48987	.50305	.48397	.50145	.49049
SDev	.00098	.00114	.00121	.00145	.00008	.00191	.00037
%RSD	.19302	.23571	.24680	.28836	.01657	.38132	.07517
#1	.50601	.48244	.49073	.50407	.48391	.50280	.49023
#2	.50740	.48406	.48902	.50202	.48402	.50010	.49075
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49636	.49402
SDev	.00341	.00107
%RSD	.68652	.21599
#1	.49877	.49478
#2	.49395	.49327
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4083	--	--	--	--	--	--
SDev	12.56875	--	--	--	--	--	--
%RSD	.3078059	--	--	--	--	--	--
#1	4074	--	--	--	--	--	--
#2	4092	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 06:06:52 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 18:01:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00288	-.00097	-.00192	-.00004	.00013	.00896	-.00056
SDev	.02482	.00223	.00500	.00017	.00001	.00261	.00091
%RSD	861.80	229.08	260.78	417.03	9.9109	29.163	161.98
#1	.01467	.00060	.00162	-.00016	.00014	.01081	.00008
#2	-.02043	-.00255	L-.00545	.00008	.00012	.00712	-.00120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	-.00212	-.00336	-.03030	.01432	.01209	-.00018
SDev	.00309	.00304	.00400	.06648	.00734	.00234	.00043
%RSD	158.21	143.54	118.88	219.43	51.271	19.345	245.30
#1	.00023	.00003	-.00054	.01671	.01951	.01043	.00013
#2	L-.00413	L-.00427	L-.00619	L-.07731	.00913	.01374	-.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	-.02776	-.00277	.01429	-.00796	-.00055	-.00217
SDev	.00039	.03018	.00320	.02323	.01238	.00052	.00080
%RSD	29.362	108.74	115.61	162.52	155.49	94.622	37.088
#1	.00105	-.04910	-.00051	-.00213	.00079	-.00018	-.00160
#2	.00160	-.00641	L-.00504	.03072	-.01671	-.00092	-.00274
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00380	.01203	-.00927	.00014	.00022	-.00260	-.00054
SDev	.00753	.02473	.01357	.00007	.00343	.00388	.00189
%RSD	198.11	205.52	146.38	46.495	1588.8	149.41	347.86
#1	.00152	-.00545	.00032	.00010	.00264	.00015	.00079
#2	-.00913	.02951	-.01887	.00019	-.00221	L-.00534	-.00188
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00154	.00026
SDev	.00001	.00055
%RSD	.84756	206.40
#1	.00155	-.00012
#2	.00153	.00065
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4072	--	--	--	--	--	--
SDev	7.265626	--	--	--	--	--	--
%RSD	.1784152	--	--	--	--	--	--
#1	4077	--	--	--	--	--	--
#2	4067	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849039 Operator: AH
Run Time: 08/29/08 18:06:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05939	.00190	.00545	.01965	.00005	31.076	-.00001
SDev	.00016	.00183	.00010	.00007	.00002	.208	.00004
%RSD	.27221	96.301	1.8445	.37846	35.344	.67012	295.72
#1	.05950	.00319	.00538	.01970	.00006	31.223	.00001
#2	.05927	.00060	.00552	.01959	.00004	30.928	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	-.00010	.00004	.00920	1.5664	8.3137	.00237
SDev	.00003	.00018	.00071	.00383	.0123	.0253	.00004
%RSD	23.496	186.67	1689.9	41.645	.78744	.30393	1.6995
#1	-.00016	.00003	-.00046	.01191	1.5751	8.3316	.00239
#2	-.00011	-.00023	.00054	.00649	1.5577	8.2958	.00234
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	13.725	.00083	-.00276	.00167	.00019	.00105
SDev	.00006	.255	.00051	.00162	.00055	.00090	.00513
%RSD	12.545	1.8597	61.066	58.667	32.840	474.34	487.77
#1	-.00048	13.545	.00047	-.00162	.00205	.00083	-.00258
#2	-.00040	13.906	.00119	-.00391	.00128	-.00045	.00468
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.00221	.00268	-.00047	-.00011	.00031	.00165
SDev	.00078	.00293	.00624	.00001	.00511	.00025	.00019
%RSD	362.17	132.75	232.49	2.7374	4597.5	79.332	11.758
#1	.00077	-.00428	-.00173	-.00048	-.00372	.00049	.00179
#2	-.00034	-.00014	.00709	-.00046	.00350	.00014	.00152
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00197	-.00070
SDev	.00013	.00080
%RSD	6.5475	113.85
#1	.00188	-.00014
#2	.00206	-.00126
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4118	--	--	--	--	--	--
SDev	24.81917	--	--	--	--	--	--
%RSD	.6026521	--	--	--	--	--	--
#1	4101	--	--	--	--	--	--
#2	4136	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849040 Operator: AH
Run Time: 08/29/08 18:12:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06072	.00185	.00535	.01943	.00005	30.781	.00006
SDev	.00006	.00130	.00032	.00010	.00001	.011	.00008
%RSD	.09801	70.481	6.0574	.52902	20.143	.03498	127.30
#1	.06068	.00093	.00558	.01936	.00006	30.789	.00001
#2	.06076	.00277	.00512	.01950	.00005	30.773	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00004	.00004	-.00291	1.5578	8.2807	.00229
SDev	.00011	.00037	.00033	.00475	.0028	.0074	.00004
%RSD	57.309	1019.1	868.11	163.43	.18224	.08892	1.6323
#1	-.00011	.00030	.00027	-.00626	1.5598	8.2859	.00227
#2	-.00027	-.00023	-.00020	.00045	1.5558	8.2755	.00232
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	13.778	.00148	-.00019	.00224	.00143	.00318
SDev	.00000	.031	.00023	.00190	.00214	.00079	.00328
%RSD	.08616	.22741	15.511	988.09	95.429	55.480	102.88
#1	.00024	13.800	.00164	-.00154	.00375	.00199	.00550
#2	.00024	13.756	.00132	.00115	.00073	.00087	.00087
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00257	.00866	.00045	.00009	.00121	.00027	.00302
SDev	.00026	.00029	.00506	.00023	.00212	.00006	.00017
%RSD	10.130	3.3577	1131.6	243.97	175.91	22.563	5.8096
#1	-.00275	.00845	.00402	-.00007	-.00029	.00022	.00290
#2	-.00238	.00886	-.00313	.00025	.00270	.00031	.00314
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00176	-.00030
SDev	.00068	.00060
%RSD	38.498	201.57
#1	.00224	-.00072
#2	.00128	.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4133	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0436270	--	--	--	--	--	--
#1	4131	--	--	--	--	--	--
#2	4134	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849041 Operator: AH
Run Time: 08/29/08 18:17:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38675	.07292	7.6868	.33516	.00015	104.15	-.00009
SDev	.00653	.00365	.0072	.00042	.00003	.51	.00001
%RSD	1.6881	4.9999	.09402	.12389	20.652	.48553	8.1109
#1	.38213	.07034	7.6919	.33487	.00013	103.79	-.00008
#2	.39136	.07549	7.6817	.33545	.00017	104.51	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02007	.10053	.00091	1.8954	H446.40	175.50	.14253
SDev	.00019	.00023	.00083	.0019	.42	.42	.00011
%RSD	.97134	.23418	91.709	.09940	.09387	.23951	.07985
#1	.01993	.10070	.00032	1.8967	H446.69	175.80	.14261
#2	.02020	.10036	.00150	1.8940	H446.10	175.20	.14245
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00752	H1112.3	.08949	.00495	-.00186	.00041	.00236
SDev	.00091	4.9	.00022	.00225	.00186	.00049	.00091
%RSD	12.037	.44019	.24983	45.314	99.882	119.77	38.432
#1	.00816	H1108.8	.08933	.00654	-.00317	.00006	.00300
#2	.00688	H1115.8	.08965	.00337	-.00055	.00076	.00172
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00238	.00992	-.00142	.23340	.00049	.04208	.04848
SDev	.00177	.00465	.00097	.00326	.00056	.00031	.00014
%RSD	74.526	46.881	67.886	1.3953	114.69	.73549	.28181
#1	.00113	.01321	-.00211	.23109	.00009	.04186	.04838
#2	.00364	.00663	-.00074	.23570	.00088	.04230	.04857
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00833	.00064
SDev	.00072	.00065
%RSD	8.5738	100.93
#1	.00783	.00110
#2	.00884	.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3880	--	--	--	--	--	--
SDev	10.65960	--	--	--	--	--	--
%RSD	.2747417	--	--	--	--	--	--
#1	3887	--	--	--	--	--	--
#2	3872	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849042 Operator: AH
Run Time: 08/29/08 18:23:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02265	.00193	.01102	.00001	.00004	.08395	.00010
SDev	.00043	.00212	.00048	.00004	.00006	.00431	.00011
%RSD	1.8861	109.91	4.3586	291.72	145.47	5.1302	111.96
#1	.02235	.00043	.01136	.00004	-.00000	.08700	.00017
#2	.02295	.00343	.01068	-.00001	.00008	.08091	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00016	-.00049	.01940	.11330	.05014	.00020
SDev	.00006	.00014	.00040	.00129	.01741	.00416	.00002
%RSD	13.695	87.726	82.259	6.6387	15.370	8.2939	10.165
#1	.00047	.00026	-.00020	.01849	.12562	.05308	.00022
#2	.00038	.00006	-.00077	.02031	.10099	.04720	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.29020	.00241	-.00124	.00179	.00078	.00190
SDev	.00002	.23467	.00072	.00073	.00158	.00081	.00005
%RSD	8.0083	80.866	29.758	58.806	88.248	103.84	2.3602
#1	.00031	.45614	.00292	-.00176	.00291	.00136	.00193
#2	.00028	.12426	.00191	-.00073	.00067	.00021	.00187
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	.00350	.00110	.00011	.00190	.00010	.00104
SDev	.00201	.00660	.00323	.00006	.00062	.00017	.00013
%RSD	270.42	188.29	293.17	50.098	32.797	173.19	12.491
#1	.00068	.00817	-.00118	.00015	.00234	.00022	.00113
#2	-.00217	-.00116	.00339	.00007	.00146	-.00002	.00094
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00335	.00010
SDev	.00145	.00013
%RSD	43.338	134.14
#1	.00232	.00019
#2	.00438	.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4091	--	--	--	--	--	--
SDev	94.08059	--	--	--	--	--	--
%RSD	2.299472	--	--	--	--	--	--
#1	4158	--	--	--	--	--	--
#2	4025	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849043 Operator: AH
Run Time: 08/29/08 18:28:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01908	.00094	.01032	.02604	.00004	79.784	-.00011
SDev	.00124	.00011	.00040	.00011	.00001	.350	.00005
%RSD	6.5136	11.589	3.8901	.40468	31.316	.43879	42.494
#1	.01996	.00087	.01003	.02612	.00005	80.031	-.00008
#2	.01820	.00102	.01060	.02597	.00003	79.536	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00233	-.00031	.00245	3.3158	51.495	.00015
SDev	.00014	.00005	.00029	.00382	.0069	.149	.00005
%RSD	47.564	1.9669	95.387	156.28	.20862	.28840	35.404
#1	.00038	.00236	-.00010	.00515	3.3207	51.600	.00018
#2	.00019	.00229	-.00052	-.00026	3.3109	51.390	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	3.1040	-.00015	-.00082	-.00080	-.00080	.00467
SDev	.00024	.1001	.00049	.00193	.00057	.00026	.00013
%RSD	38.027	3.2256	318.09	235.86	71.180	32.958	2.7895
#1	-.00079	3.0332	.00019	-.00218	-.00040	-.00099	.00457
#2	-.00046	3.1748	-.00050	.00055	-.00120	-.00062	.00476
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00185	.00607	.00008	.00331	-.00025	.00185
SDev	.00467	.00671	.00316	.00011	.00135	.00018	.00027
%RSD	2926.5	362.11	52.067	130.45	40.937	74.205	14.458
#1	-.00314	-.00289	.00831	.00016	.00426	-.00012	.00204
#2	.00346	.00660	.00384	.00001	.00235	-.00038	.00166
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00230	.00004
SDev	.00150	.00019
%RSD	65.066	437.99
#1	.00124	-.00009
#2	.00336	.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4100	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0025850	--	--	--	--	--	--
#1	4100	--	--	--	--	--	--
#2	4100	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849044 Operator: AH
Run Time: 08/29/08 18:33:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01974	.00184	.00642	.02298	.00003	45.065	.00004
SDev	.00068	.00129	.00051	.00006	.00001	.156	.00003
%RSD	3.4409	69.945	7.9666	.25506	33.982	.34662	69.649
#1	.01926	.00093	.00606	.02302	.00003	45.176	.00005
#2	.02022	.00276	.00678	.02294	.00002	44.955	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00004	-.00031	.04226	2.2236	30.215	.00211
SDev	.00006	.00016	.00021	.00379	.0065	.040	.00006
%RSD	20.316	377.23	68.486	8.9644	.29410	.13106	2.9837
#1	.00031	.00016	-.00046	.03958	2.2282	30.243	.00206
#2	.00023	-.00007	-.00016	.04494	2.2190	30.187	.00215
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	2.4140	.00003	-.00041	-.00042	-.00041	.00154
SDev	.00027	.1120	.00020	.00209	.00227	.00082	.00156
%RSD	23.061	4.6413	699.82	513.03	544.41	197.75	101.66
#1	.00099	2.4932	-.00011	-.00189	.00119	.00016	.00043
#2	.00137	2.3348	.00017	.00107	-.00202	-.00099	.00264
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.00238	.00112	.00019	.00395	-.00029	.00191
SDev	.00099	.00176	.00146	.00019	.00046	.00000	.00000
%RSD	191.05	73.970	131.23	99.408	11.625	.01227	.12016
#1	.00018	.00114	.00008	.00006	.00362	-.00029	.00191
#2	-.00122	.00363	.00215	.00033	.00427	-.00029	.00191
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00331	-.00001
SDev	.00056	.00042
%RSD	16.821	3564.2
#1	.00370	.00028
#2	.00291	-.00031
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4110	--	--	--	--	--	--
SDev	3.128810	--	--	--	--	--	--
%RSD	.0761177	--	--	--	--	--	--
#1	4108	--	--	--	--	--	--
#2	4113	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849044/L (1:5) Operator: AH
Run Time: 08/29/08 18:39:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01941	.00166	.00273	.00462	.00005	9.0134	.00004
SDev	.00281	.00335	.00014	.00009	.00001	.0065	.00004
%RSD	14.490	201.67	5.2571	1.9473	9.2347	.07186	86.434
#1	.01742	.00403	.00263	.00468	.00005	9.0180	.00007
#2	.02139	-.00071	.00283	.00455	.00006	9.0088	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00025	.00009	.01704	.41881	6.0011	.00051
SDev	.00003	.00015	.00002	.00240	.00322	.0044	.00000
%RSD	9.6146	58.168	22.298	14.105	.76900	.07414	.00417
#1	.00027	.00015	.00010	.01534	.42109	6.0042	.00051
#2	.00031	.00036	.00007	.01874	.41654	5.9979	.00051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.48816	-.00005	.00093	.00153	.00133	.00332
SDev	.00044	.08871	.00038	.00095	.00173	.00084	.00110
%RSD	265.95	18.173	771.72	102.56	113.54	63.287	33.153
#1	-.00015	.55089	.00022	.00160	.00030	.00073	.00410
#2	.00048	.42543	-.00031	.00025	.00275	.00192	.00254
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00258	.00451	.00273	-.00004	.00176	.00036	.00016
SDev	.00160	.00226	.00278	.00028	.00038	.00006	.00018
%RSD	62.037	50.178	102.15	778.24	21.781	16.829	115.45
#1	.00145	.00291	.00469	.00016	.00203	.00041	.00003
#2	.00371	.00611	.00076	-.00024	.00149	.00032	.00028
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00032	-.00000
SDev	.00046	.00014
%RSD	141.22	3812.5
#1	.00064	.00010
#2	.00000	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4081	--	--	--	--	--	--
SDev	.2121666	--	--	--	--	--	--
%RSD	.0051986	--	--	--	--	--	--
#1	4081	--	--	--	--	--	--
#2	4081	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849044/PS Operator: AH
Run Time: 08/29/08 18:44:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.123	.20965	.20944	.22964	.20530	54.469	.20438
SDev	.021	.00212	.00044	.00019	.00059	.166	.00057
%RSD	.21236	1.0094	.20959	.08243	.28666	.30468	.27783
#1	10.138	.21115	.20975	.22977	.20572	54.587	.20478
#2	10.108	.20815	.20913	.22950	.20488	54.352	.20398
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20674	.19933	.20524	10.412	12.942	39.971	.20573
SDev	.00012	.00063	.00063	.010	.019	.075	.00026
%RSD	.05654	.31663	.30877	.09829	.14461	.18865	.12469
#1	.20682	.19977	.20569	10.419	12.929	40.024	.20591
#2	.20665	.19888	.20479	10.405	12.955	39.917	.20555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21208	12.609	.20113	.19619	.20370	.20120	.20703
SDev	.00052	.020	.00107	.00121	.00086	.00017	.00278
%RSD	.24696	.15519	.53146	.61575	.42326	.08588	1.3411
#1	.21171	12.623	.20189	.19534	.20431	.20132	.20506
#2	.21245	12.595	.20037	.19704	.20309	.20108	.20899
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20904	.20114	.20997	.20467	.20252	.21291	.20487
SDev	.00464	.00687	.00073	.00032	.00916	.00021	.00089
%RSD	2.2208	3.4145	.34803	.15524	4.5228	.10042	.43292
#1	.21232	.19628	.20946	.20490	.20900	.21306	.20550
#2	.20576	.20600	.21049	.20445	.19604	.21276	.20425
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19452	.05202
SDev	.00122	.00001
%RSD	.62871	.02262
#1	.19538	.05202
#2	.19365	.05201
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4132	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0436302	--	--	--	--	--	--
#1	4131	--	--	--	--	--	--
#2	4134	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849045/MS Operator: AH
Run Time: 08/29/08 18:50:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.207	.21666	.21362	.23398	.20519	56.819	.20684
SDev	.483	.00796	.01200	.01123	.00984	2.751	.01274
%RSD	4.7315	3.6727	5.6162	4.7980	4.7973	4.8410	6.1579
#1	9.8652	.21103	.20514	.22604	.19823	54.874	.19783
#2	10.548	.22228	.22211	.24192	.21215	58.764	.21584
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21075	.20316	.20747	10.569	13.239	42.106	.20908
SDev	.01328	.01277	.01018	.683	.718	2.630	.01288
%RSD	6.3032	6.2879	4.9044	6.4646	5.4223	6.2467	6.1620
#1	.20136	.19413	.20028	10.086	12.732	40.246	.19997
#2	.22015	.21219	.21467	11.052	13.747	43.966	.21819
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21477	12.740	.20130	.20138	.20672	.20494	.20538
SDev	.01436	.520	.00954	.01021	.01212	.01148	.01366
%RSD	6.6857	4.0799	4.7411	5.0705	5.8606	5.6020	6.6509
#1	.20462	12.373	.19455	.19416	.19816	.19682	.19572
#2	.22492	13.108	.20805	.20860	.21529	.21306	.21504
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21801	.20487	.20564	.20430	.20076	.21535	.20693
SDev	.01487	.02013	.01042	.00993	.00822	.01377	.01324
%RSD	6.8233	9.8267	5.0689	4.8611	4.0923	6.3955	6.3961
#1	.20749	.19064	.19827	.19727	.19495	.20561	.19757
#2	.22853	.21911	.21301	.21132	.20657	.22508	.21629
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21546	.05338
SDev	.01206	.00339
%RSD	5.5971	6.3494
#1	.20693	.05098
#2	.22399	.05578
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3970	--	--	--	--	--	--
SDev	210.3820	--	--	--	--	--	--
%RSD	5.299079	--	--	--	--	--	--
#1	4119	--	--	--	--	--	--
#2	3821	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849046/SD Operator: AH
Run Time: 08/29/08 18:55:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9203	.20872	.20348	.22708	.20060	54.948	.19884
SDev	.0108	.00173	.00013	.00039	.00036	.066	.00018
%RSD	.10869	.82906	.06125	.17184	.17758	.11921	.09215
#1	9.9279	.20750	.20357	.22736	.20085	54.994	.19897
#2	9.9127	.20995	.20339	.22681	.20035	54.902	.19871
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20279	.19547	.20194	10.176	12.710	40.149	.20076
SDev	.00034	.00056	.00021	.012	.027	.032	.00011
%RSD	.16831	.28456	.10243	.11553	.20891	.07860	.05496
#1	.20255	.19507	.20180	10.184	12.691	40.172	.20084
#2	.20303	.19586	.20209	10.168	12.729	40.127	.20068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20532	12.314	.19741	.19230	.20404	.20013	.20227
SDev	.00170	.076	.00036	.00162	.00154	.00049	.00003
%RSD	.82717	.61972	.18021	.84222	.75687	.24521	.01575
#1	.20412	12.260	.19716	.19115	.20513	.20047	.20229
#2	.20652	12.368	.19766	.19344	.20294	.19978	.20224
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20907	.19306	.20687	.19974	.19872	.20663	.19903
SDev	.00825	.00129	.00060	.00031	.00118	.00026	.00008
%RSD	3.9470	.66718	.28821	.15327	.59122	.12490	.04189
#1	.20324	.19397	.20645	.19953	.19789	.20645	.19908
#2	.21491	.19215	.20729	.19996	.19955	.20682	.19897
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20202	.04976
SDev	.00283	.00073
%RSD	1.3989	1.4674
#1	.20002	.04924
#2	.20402	.05028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4033	--	--	--	--	--	--
SDev	.1591681	--	--	--	--	--	--
%RSD	.0039462	--	--	--	--	--	--
#1	4034	--	--	--	--	--	--
#2	4033	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 07:07:38 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 19:02:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.667	.49745	.49003	.50040	.49365	24.825	.49186
SDev	.125	.00066	.00071	.00217	.00223	.108	.00034
%RSD	.50735	.13189	.14410	.43452	.45174	.43335	.06834
#1	24.756	.49791	.48953	.50194	.49522	24.901	.49210
#2	24.579	.49698	.49053	.49886	.49207	24.749	.49162
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49645	.49487	.49566	24.732	25.284	24.720	.49221
SDev	.00050	.00095	.00201	.038	.040	.031	.00045
%RSD	.10118	.19186	.40597	.15483	.15745	.12594	.09197
#1	.49681	.49554	.49708	24.760	25.313	24.742	.49253
#2	.49610	.49420	.49424	24.705	25.256	24.698	.49189
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50282	24.712	.49153	.49055	.50634	.50108	.49816
SDev	.00202	.073	.00202	.00414	.00048	.00170	.00332
%RSD	.40252	.29501	.41194	.84336	.09475	.33880	.66732
#1	.50139	24.764	.49296	.49347	.50668	.50228	.50051
#2	.50425	24.660	.49010	.48762	.50600	.49988	.49581
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51644	.49223	.50113	.51078	.49081	.50678	.49885
SDev	.00007	.00809	.00094	.00211	.00502	.00016	.00019
%RSD	.01429	1.6445	.18739	.41341	1.0222	.03214	.03745
#1	.51649	.49795	.50179	.51227	.49436	.50667	.49872
#2	.51638	.48651	.50046	.50928	.48726	.50690	.49898
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49970	.49370
SDev	.00081	.00121
%RSD	.16223	.24502
#1	.49912	.49284
#2	.50027	.49455
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4018	--	--	--	--	--	--
SDev	18.98571	--	--	--	--	--	--
%RSD	.4725547	--	--	--	--	--	--
#1	4004	--	--	--	--	--	--
#2	4031	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 07:13:02 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 19:07:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01342	.00197	.00006	.00005	.00031	.00596	.00011
SDev	.00825	.00152	.00068	.00008	.00015	.00811	.00006
%RSD	61.487	77.152	1046.6	149.04	47.791	136.13	56.476
#1	.00758	.00304	.00054	-.00000	.00021	.00022	.00007
#2	.01925	.00089	-.00041	.00011	.00042	.01170	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00018	-.00074	.00964	.01382	.00630	.00017
SDev	.00003	.00013	.00012	.00048	.01183	.00605	.00013
%RSD	316.66	74.045	15.810	4.9871	85.568	95.965	78.125
#1	-.00001	-.00008	-.00083	.00930	.02219	.00203	.00008
#2	.00003	-.00027	-.00066	.00998	.00546	.01058	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.05213	.00004	.00155	.00065	.00095	-.00158
SDev	.00054	.04074	.00041	.00124	.00138	.00051	.00039
%RSD	57.136	78.150	1154.8	79.848	211.31	53.594	24.659
#1	.00134	-.02332	-.00025	.00242	-.00032	.00059	-.00186
#2	.00057	-.08094	.00032	.00067	.00163	.00131	-.00131
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.00118	-.00179	.00021	.00180	-.00037	.00024
SDev	.00210	.00372	.00127	.00004	.00507	.00025	.00009
%RSD	200.08	314.84	71.271	18.810	281.52	67.004	36.796
#1	-.00043	-.00381	-.00089	.00024	-.00178	-.00020	.00018
#2	.00253	.00145	-.00269	.00018	.00539	-.00055	.00030
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00016	-.00036
SDev	.00024	.00013
%RSD	149.62	37.242
#1	.00001	-.00027
#2	-.00033	-.00046
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4017	--	--	--	--	--	--
SDev	8.856443	--	--	--	--	--	--
%RSD	.2204761	--	--	--	--	--	--
#1	4011	--	--	--	--	--	--
#2	4023	--	--	--	--	--	--

Analysis Report 08/29/08 07:18:26 PM page 1

Method: TRACE2 Sample Name: AD849047 Operator: AH
Run Time: 08/29/08 19:13:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02103	.00272	.00902	.02392	.00019	64.158	.00000
SDev	.00462	.00205	.00051	.00004	.00006	.099	.00006
%RSD	21.957	75.175	5.6541	.16225	29.789	.15504	3405.0
#1	.02430	.00417	.00938	.02389	.00015	64.228	.00005
#2	.01777	.00128	.00866	.02394	.00023	64.087	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00054	-.00049	.02036	2.9898	41.915	.00035
SDev	.00047	.00044	.00104	.00001	.0033	.011	.00007
%RSD	1085.4	80.750	212.31	.06478	.11148	.02698	19.154
#1	.00038	.00085	.00025	.02035	2.9874	41.923	.00030
#2	-.00029	.00023	-.00122	.02037	2.9921	41.907	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	29.594	.00073	-.00066	.00084	.00034	.00234
SDev	.00093	.087	.00130	.00758	.00298	.00053	.00280
%RSD	171.98	.29251	177.14	1151.2	353.52	155.94	119.72
#1	-.00012	29.532	.00165	-.00602	.00295	-.00004	.00432
#2	.00120	29.655	-.00018	.00470	-.00126	.00072	.00036
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00224	.00182	.00260	-.00010	.00168	-.00020	.00269
SDev	.00032	.00366	.00238	.00009	.00168	.00037	.00009
%RSD	14.480	200.55	91.379	91.370	99.722	189.39	3.2949
#1	.00201	.00441	.00428	-.00003	.00287	.00007	.00275
#2	.00247	-.00076	.00092	-.00016	.00050	-.00046	.00263
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00127	-.00027
SDev	.00320	.00029
%RSD	252.15	110.25
#1	-.00099	-.00047
#2	.00353	-.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4013	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0660773	--	--	--	--	--	--
#1	4015	--	--	--	--	--	--
#2	4011	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849048 Operator: AH
Run Time: 08/29/08 19:18:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08145	.00163	.01523	.02075	.00020	41.760	-.00003
SDev	.00016	.00361	.00033	.00016	.00002	.123	.00005
%RSD	.19098	221.72	2.1703	.75806	8.5626	.29551	140.46
#1	.08134	.00418	.01547	.02086	.00019	41.847	-.00006
#2	.08156	-.00092	.01500	.02064	.00022	41.672	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00033	-.00034	.08425	2.6937	29.982	.00734
SDev	.00006	.00011	.00044	.01385	.0173	.011	.00003
%RSD	31.289	34.408	128.18	16.437	.64224	.03551	.39436
#1	.00014	.00041	-.00065	.09405	2.7059	29.974	.00732
#2	.00022	.00025	-.00003	.07446	2.6814	29.989	.00736
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	27.137	.00014	-.00094	.00068	.00014	.00312
SDev	.00069	.095	.00010	.00052	.00191	.00145	.00106
%RSD	830.87	.35160	72.008	54.960	279.07	1012.4	34.096
#1	.00057	27.205	.00007	-.00058	.00203	.00116	.00236
#2	-.00041	27.070	.00020	-.00131	-.00067	-.00088	.00387
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00144	.00251	.00342	.00155	-.00165	.00016	.00303
SDev	.00190	.00418	.00049	.00049	.00041	.00050	.00019
%RSD	132.06	166.37	14.479	31.298	24.967	320.05	6.2375
#1	-.00010	-.00044	.00377	.00121	-.00136	.00051	.00316
#2	-.00278	.00546	.00307	.00190	-.00194	-.00020	.00290
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00108	-.00086
SDev	.00107	.00007
%RSD	99.566	8.0477
#1	.00032	-.00091
#2	.00184	-.00081
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3997	--	--	--	--	--	--
SDev	5.886630	--	--	--	--	--	--
%RSD	.1472702	--	--	--	--	--	--
#1	3993	--	--	--	--	--	--
#2	4001	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849049 Operator: AH
Run Time: 08/29/08 19:23:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02234	.00094	.00441	-.00002	.00024	.08072	-.00003
SDev	.00223	.00165	.00001	.00004	.00001	.00109	.00008
%RSD	9.9934	176.13	.14644	287.41	3.3730	1.3503	234.39
#1	.02076	.00210	.00442	.00002	.00025	.08149	-.00009
#2	.02392	-.00023	.00441	-.00005	.00024	.07995	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00016	-.00094	.01146	.00732	.00507	.00014
SDev	.00000	.00023	.00034	.00392	.00138	.00096	.00001
%RSD	2.4097	143.31	36.018	34.260	18.872	18.814	8.6352
#1	-.00018	-.00000	-.00119	.00868	.00634	.00440	.00013
#2	-.00018	.00033	-.00070	.01423	.00829	.00575	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	-.09443	-.00006	.00047	.00119	.00095	.00245
SDev	.00030	.12302	.00070	.00111	.00016	.00026	.00188
%RSD	95.830	130.28	1155.0	237.20	13.573	27.330	76.614
#1	.00010	-.18141	-.00056	.00125	.00108	.00114	.00378
#2	.00052	-.00744	.00044	-.00032	.00131	.00077	.00112
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	.00406	.00165	-.00008	.00305	-.00051	.00144
SDev	.00479	.00227	.00169	.00007	.00571	.00070	.00008
%RSD	304.38	55.954	102.02	90.963	187.19	137.02	5.4125
#1	-.00496	.00567	.00284	-.00013	-.00099	-.00100	.00138
#2	.00181	.00245	.00046	-.00003	.00709	-.00002	.00149
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00163	-.00022
SDev	.00018	.00028
%RSD	10.794	124.54
#1	.00176	-.00042
#2	.00151	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3955	--	--	--	--	--	--
SDev	22.48603	--	--	--	--	--	--
%RSD	.5685828	--	--	--	--	--	--
#1	3939	--	--	--	--	--	--
#2	3971	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849050 Operator: AH
Run Time: 08/29/08 19:29:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02234	.00277	.13181	.01629	.00045	504.23	.00021
SDev	.00078	.00045	.00006	.00003	.00002	.83	.00006
%RSD	3.5003	16.191	.04921	.18345	4.3595	.16376	28.328
#1	.02289	.00245	.13186	.01631	.00047	504.81	.00026
#2	.02178	.00308	.13177	.01627	.00044	503.64	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00578	.00115	-.00004	.03744	5.8637	199.54	11.231
SDev	.00051	.00011	.00042	.00147	.0103	.38	.012
%RSD	8.8025	9.2274	1039.9	3.9346	.17646	.19257	.10980
#1	.00614	.00123	.00026	.03640	5.8564	199.81	11.239
#2	.00542	.00108	-.00034	.03848	5.8710	199.27	11.222
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	40.477	.03186	-.00023	-.00055	-.00044	-.00041
SDev	.00078	.346	.00033	.00092	.00074	.00019	.00010
%RSD	161.31	.85524	1.0399	402.59	134.52	42.224	23.895
#1	.00104	40.722	.03162	.00042	-.00107	-.00057	-.00034
#2	-.00007	40.232	.03209	-.00088	-.00003	-.00031	-.00048
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00633	-.00378	.00018	-.00398	-.00032	.00288
SDev	.00335	.00619	.00324	.00020	.00104	.00020	.00010
%RSD	521.65	97.876	85.892	109.08	26.174	61.103	3.6031
#1	-.00173	.00195	-.00148	.00032	-.00324	-.00018	.00296
#2	.00301	.01071	-.00607	.00004	-.00472	-.00046	.00281
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00104	.00025
SDev	.00117	.00049
%RSD	112.33	193.38
#1	.00186	.00059
#2	.00021	-.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3822	--	--	--	--	--	--
SDev	7.901953	--	--	--	--	--	--
%RSD	.2067390	--	--	--	--	--	--
#1	3817	--	--	--	--	--	--
#2	3828	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849051 Operator: AH
Run Time: 08/29/08 19:34:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04076	.02152	.19841	.01569	.00034	373.94	.00002
SDev	.00409	.00035	.00098	.00008	.00004	.78	.00021
%RSD	10.035	1.6238	.49381	.49760	11.957	.20946	1307.9
#1	.04366	.02128	.19910	.01564	.00037	374.50	.00017
#2	.03787	.02177	.19771	.01575	.00031	373.39	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00819	.00114	.00023	15.639	10.212	179.74	3.5691
SDev	.00061	.00083	.00105	.068	.014	.73	.0073
%RSD	7.4819	73.192	453.25	.43491	.13486	.40338	.20433
#1	.00862	.00172	.00097	15.687	10.203	180.25	3.5743
#2	.00775	.00055	-.00051	15.591	10.222	179.22	3.5639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	39.094	.01185	-.00400	.00230	.00020	.00553
SDev	.00071	.045	.00087	.00432	.00139	.00051	.00225
%RSD	57.984	.11553	7.3079	107.83	60.438	259.26	40.744
#1	.00173	39.126	.01246	-.00706	.00328	-.00016	.00712
#2	.00072	39.062	.01124	-.00095	.00131	.00056	.00394
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	.00633	.00513	.00007	.00495	-.00006	.01051
SDev	.00121	.00066	.00371	.00006	.00160	.00077	.00034
%RSD	80.291	10.353	72.302	91.311	32.185	1204.0	3.2759
#1	.00065	.00587	.00775	.00002	.00608	.00048	.01075
#2	.00236	.00680	.00251	.00011	.00383	-.00061	.01026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00347	-.00055
SDev	.00028	.00055
%RSD	8.1826	101.20
#1	.00327	-.00094
#2	.00367	-.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3937	--	--	--	--	--	--
SDev	22.27386	--	--	--	--	--	--
%RSD	.5657285	--	--	--	--	--	--
#1	3921	--	--	--	--	--	--
#2	3953	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849052 Operator: AH
Run Time: 08/29/08 19:40:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06385	.00144	.18672	.02016	.00034	406.21	-.00005
SDev	.00265	.00053	.00201	.00007	.00000	.74	.00003
%RSD	4.1479	36.792	1.0792	.33624	.51525	.18232	55.579
#1	.06572	.00181	.18529	.02011	.00034	406.74	-.00003
#2	.06198	.00107	.18814	.02020	.00033	405.69	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	.00034	-.00006	3.0032	10.335	194.51	1.1308
SDev	.00001	.00020	.00006	.0184	.002	.17	.0010
%RSD	.31826	59.010	90.745	.61223	.02306	.08512	.09286
#1	.00240	.00020	-.00002	2.9902	10.336	194.63	1.1316
#2	.00241	.00048	-.00010	3.0162	10.333	194.39	1.1301
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	40.084	.00656	-.00201	.00164	.00043	.00169
SDev	.00102	.007	.00004	.00138	.00260	.00127	.00046
%RSD	854.75	.01814	.64513	68.921	158.16	298.21	26.886
#1	-.00084	40.089	.00659	-.00299	.00348	.00132	.00137
#2	.00060	40.078	.00653	-.00103	-.00019	-.00047	.00202
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	-.00143	.00326	.00060	.00129	-.00019	.00798
SDev	.00279	.00528	.00196	.00003	.00241	.00045	.00032
%RSD	1353.5	369.33	60.060	5.8268	186.99	239.60	3.9959
#1	.00218	-.00516	.00464	.00062	.00299	-.00051	.00775
#2	-.00177	.00230	.00187	.00057	-.00042	.00013	.00820
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00192	-.00058
SDev	.00196	.00088
%RSD	102.13	151.15
#1	.00053	-.00120
#2	.00331	.00004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3899	--	--	--	--	--	--
SDev	16.06890	--	--	--	--	--	--
%RSD	.4121221	--	--	--	--	--	--
#1	3910	--	--	--	--	--	--
#2	3888	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849053 Operator: AH
Run Time: 08/29/08 19:45:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04525	.02175	1.8523	.07376	.00020	62.980	.00010
SDev	.00144	.00195	.0038	.00032	.00001	.261	.00001
%RSD	3.1820	8.9634	.20279	.42963	3.9541	.41401	8.4385
#1	.04627	.02037	1.8496	.07399	.00021	63.164	.00010
#2	.04424	.02313	1.8549	.07354	.00020	62.796	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00318	.01404	.00102	.81567	50.423	13.425	.53635
SDev	.00006	.00033	.00038	.01090	.085	.006	.00033
%RSD	1.9372	2.3488	37.722	1.3367	.16918	.04277	.06227
#1	.00323	.01427	.00074	.82338	50.483	13.429	.53659
#2	.00314	.01381	.00129	.80796	50.363	13.421	.53612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00468	167.77	.02380	-.00142	.00236	.00110	.00196
SDev	.00007	.93	.00011	.00084	.00132	.00116	.00608
%RSD	1.4431	.55356	.46535	58.948	56.002	105.72	310.66
#1	.00464	168.43	.02388	-.00202	.00142	.00028	.00625
#2	.00473	167.11	.02372	-.00083	.00329	.00192	-.00234
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00339	.00124	.00677	.00049	.00444	.01976
SDev	.00150	.01058	.00383	.00003	.00316	.00007	.00024
%RSD	315.48	312.02	308.79	.47375	644.47	1.6250	1.2295
#1	.00058	.01087	.00394	.00674	.00273	.00449	.01959
#2	-.00153	-.00409	-.00147	.00679	-.00174	.00439	.01993
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00714	.00005
SDev	.00002	.00016
%RSD	.28584	294.03
#1	.00715	.00017
#2	.00713	-.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3930	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1754473	--	--	--	--	--	--
#1	3925	--	--	--	--	--	--
#2	3934	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849054 Operator: AH
Run Time: 08/29/08 19:50:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34268	.00178	.31291	.02186	.00039	291.17	.00024
SDev	.00451	.00175	.00145	.00005	.00002	.44	.00005
%RSD	1.3169	98.221	.46493	.23410	5.7146	.15189	20.392
#1	.33949	.00054	.31394	.02190	.00041	291.49	.00021
#2	.34587	.00302	.31188	.02183	.00037	290.86	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00115	.00234	1.0086	2.6046	180.14	.06084
SDev	.00000	.00007	.00013	.0041	.0178	.30	.00008
%RSD	.68324	6.4444	5.6526	.41050	.68311	.16467	.13305
#1	.00020	.00109	.00225	1.0115	2.6171	180.35	.06090
#2	.00020	.00120	.00243	1.0056	2.5920	179.93	.06079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	59.324	.00669	.00193	.00070	.00111	.00451
SDev	.00037	.025	.00023	.00087	.00128	.00056	.00190
%RSD	32.425	.04152	3.3982	45.122	182.82	50.843	42.181
#1	.00087	59.341	.00653	.00255	-.00021	.00071	.00317
#2	.00139	59.306	.00686	.00132	.00161	.00151	.00586
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	.00664	.00345	.00576	.00116	-.00020	.16537
SDev	.00369	.00258	.00415	.00003	.00074	.00066	.00055
%RSD	463.51	38.802	120.12	.61495	63.881	326.08	.33173
#1	-.00341	.00846	.00052	.00573	.00169	-.00066	.16499
#2	.00181	.00482	.00638	.00578	.00064	.00026	.16576
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00192	.00008
SDev	.00203	.00038
%RSD	105.69	499.41
#1	.00049	.00034
#2	.00336	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3821	--	--	--	--	--	--
SDev	13.78858	--	--	--	--	--	--
%RSD	.3608608	--	--	--	--	--	--
#1	3811	--	--	--	--	--	--
#2	3831	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849055 Operator: AH
Run Time: 08/29/08 19:56:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14492	.01084	1.2181	5.6416	.00222	C.00000	.00093
SDev	.02551	.00102	.0130	.0563	.00041	.00000	.00096
%RSD	17.601	9.3718	1.0640	.99866	18.460	.00000	104.18
#1	.16295	.01155	1.2089	5.6017	.00251	C.00000	.00161
#2	.12688	.01012	1.2272	5.6814	.00193	C.00000	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00376	.00267	.01011	3.3086	C.00000	8.5719	2.0870
SDev	.00324	.00294	.00345	.0992	.00000	.2123	.0135
%RSD	86.075	110.33	34.122	2.9994	.00000	2.4769	.64631
#1	.00605	.00474	.01255	3.3788	C.00000	8.7220	2.0965
#2	.00147	.00059	.00767	3.2385	C.00000	8.4218	2.0775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11091	H2588.2	.01367	.00060	.02136	.01445	.00059
SDev	.00018	4.8	.00380	.01349	.00648	.00017	.00296
%RSD	.16469	.18611	27.797	2253.0	30.345	1.1594	504.98
#1	.11104	H2591.6	.01636	-.00894	.02594	.01433	-.00151
#2	.11078	H2584.8	.01099	.01013	.01678	.01456	.00268
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00903	-.00654	.00415	.00210	.00503	.00310	.01935
SDev	.00818	.01688	.00400	.00065	.00229	.00313	.00168
%RSD	90.494	258.00	96.261	31.001	45.526	100.80	8.6747
#1	.01482	-.01847	.00698	.00257	.00665	.00531	.02053
#2	.00325	.00539	.00133	.00164	.00341	.00089	.01816
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00465	-.00089
SDev	.00161	.00108
%RSD	34.697	121.63
#1	.00579	-.00012
#2	.00351	-.00165
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3090	--	--	--	--	--	--
SDev	181.9034	--	--	--	--	--	--
%RSD	5.886126	--	--	--	--	--	--
#1	2962	--	--	--	--	--	--
#2	3219	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849056 Operator: AH
Run Time: 08/29/08 20:01:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04168	.02379	.26433	.23544	.00011	122.16	.00048
SDev	.00058	.00021	.00004	.00038	.00001	.32	.00004
%RSD	1.3829	.89409	.01361	.16284	10.493	.26154	7.9847
#1	.04208	.02364	.26430	.23517	.00010	121.94	.00051
#2	.04127	.02394	.26436	.23571	.00011	122.39	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.00241	.03515	.11169	168.36	19.417	.01445
SDev	.00031	.00015	.00016	.00828	.14	.024	.00001
%RSD	17.456	6.2476	.44574	7.4109	.08405	.12397	.08986
#1	.00158	.00231	.03504	.10584	168.26	19.400	.01446
#2	.00202	.00252	.03526	.11755	168.46	19.434	.01444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27478	H554.76	.00820	.00097	.00317	.00244	.00264
SDev	.00215	2.47	.00055	.00079	.00015	.00016	.00075
%RSD	.78222	.44520	6.7371	81.713	4.8338	6.6376	28.380
#1	.27326	H553.02	.00860	.00041	.00328	.00232	.00211
#2	.27630	H556.51	.00781	.00153	.00306	.00255	.00317
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00594	.00461	.00165	.00058	.00176	.00219	.02792
SDev	.00303	.00656	.00216	.00015	.00059	.00045	.00020
%RSD	51.142	142.28	130.49	25.868	33.367	20.641	.71398
#1	.00379	-.00003	.00318	.00047	.00134	.00187	.02778
#2	.00808	.00925	.00013	.00068	.00218	.00251	.02806
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00298	.00010
SDev	.00005	.00091
%RSD	1.5273	878.44
#1	.00301	-.00054
#2	.00295	.00075
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3978	--	--	--	--	--	--
SDev	14.74324	--	--	--	--	--	--
%RSD	.3706056	--	--	--	--	--	--
#1	3989	--	--	--	--	--	--
#2	3968	--	--	--	--	--	--

Analysis Report QC Standard 08/29/08 08:13:51 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 08/29/08 20:08:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.664	.49161	.49191	.50038	.49186	24.651	.48985
SDev	.040	.00099	.00086	.00103	.00102	.038	.00053
%RSD	.16057	.20117	.17427	.20625	.20784	.15416	.10915
#1	24.692	.49231	.49130	.50111	.49258	24.678	.49023
#2	24.636	.49091	.49251	.49965	.49113	24.624	.48947
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49423	.49395	.49569	24.650	25.529	24.491	.49136
SDev	.00111	.00049	.00118	.032	.000	.033	.00065
%RSD	.22394	.09974	.23709	.12893	.00005	.13455	.13340
#1	.49502	.49429	.49652	24.673	25.529	24.514	.49182
#2	.49345	.49360	.49486	24.628	25.529	24.468	.49089
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50207	24.671	.48960	.48924	.49820	.49521	.49253
SDev	.00050	.116	.00105	.00134	.00231	.00109	.00122
%RSD	.09993	.47025	.21487	.27302	.46293	.22081	.24748
#1	.50171	24.589	.49034	.48830	.49983	.49599	.49167
#2	.50242	24.753	.48885	.49019	.49656	.49444	.49339
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51382	.48493	.49634	.50828	.48675	.50432	.49550
SDev	.00391	.00953	.00294	.00064	.00314	.00064	.00042
%RSD	.76067	1.9654	.59176	.12528	.64532	.12593	.08373
#1	.51658	.47820	.49841	.50874	.48453	.50477	.49580
#2	.51106	.49167	.49426	.50783	.48897	.50387	.49521
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49909	.49543
SDev	.00181	.00035
%RSD	.36329	.07024
#1	.50037	.49567
#2	.49781	.49518
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4071	--	--	--	--	--	--
SDev	4.136471	--	--	--	--	--	--
%RSD	.1016007	--	--	--	--	--	--
#1	4068	--	--	--	--	--	--
#2	4074	--	--	--	--	--	--

Analysis Report Blank Sample 08/29/08 08:19:15 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 08/29/08 20:13:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01383	.00114	-.00052	.00014	.00029	.01291	.00020
SDev	.00466	.00022	.00061	.00014	.00014	.00804	.00013
%RSD	33.710	19.398	116.56	99.673	50.076	62.267	64.417
#1	.01053	.00129	-.00095	.00004	.00019	.00722	.00011
#2	.01712	.00098	-.00009	.00025	.00039	.01859	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00017	-.00055	.01063	.02329	.00854	.00021
SDev	.00052	.00047	.00041	.01254	.00542	.00483	.00007
%RSD	882.13	277.06	73.842	117.95	23.284	56.576	31.382
#1	-.00043	-.00016	-.00026	.00176	.01945	.00512	.00016
#2	.00031	.00050	-.00084	.01950	.02712	.01196	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.02476	-.00026	.00083	.00009	.00034	.00305
SDev	.00040	.05692	.00016	.00163	.00037	.00079	.00166
%RSD	20.480	229.93	62.139	197.32	396.41	234.16	54.362
#1	.00167	.06501	-.00015	-.00033	-.00017	-.00022	.00422
#2	.00223	-.01549	-.00038	.00198	.00036	.00090	.00188
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00645	.00135	.00026	.00110	-.00002	-.00016
SDev	.00226	.00513	.00008	.00021	.00263	.00049	.00027
%RSD	352.02	79.530	5.7551	83.791	239.44	1993.5	171.91
#1	-.00096	.01007	.00129	.00041	-.00076	-.00037	-.00035
#2	.00224	.00282	.00140	.00010	.00296	.00033	.00003
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00336	.00021
SDev	.00027	.00062
%RSD	8.1562	296.62
#1	.00356	-.00023
#2	.00317	.00065
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4075	--	--	--	--	--	--
SDev	23.65286	--	--	--	--	--	--
%RSD	.5804525	--	--	--	--	--	--
#1	4092	--	--	--	--	--	--
#2	4058	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: [signature] Date: 9/3/08 Secondary Review: AH Date: 9/3/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-085-A	A090208	TRACE2	09/02/08	11:09		X	IR
2	STD 1 12-089-C	A090208	TRACE2	09/02/08	11:14		X	IR
3	STD 2 12-089-D	A090208	TRACE2	09/02/08	11:19		X	IR
4	STD 3 12-089-B	A090208	TRACE2	09/02/08	11:24		X	IR
5	STD 3 VER 1	A090208	TRACE2	09/02/08	11:29	AH	B	CONC
6	ICV 12-089-E	A090208	TRACE2	09/02/08	11:35	AH	Q	CONC
7	ICB 12-085-A	A090208	TRACE2	09/02/08	11:40	AH	B	CONC
8	CRI 12-076-A	A090208	TRACE2	09/02/08	11:46	AH	B	CONC
9	ICSA 12-076-B	A090208	TRACE2	09/02/08	11:51	AH	Q	CONC
10	ICSAB 12-076-C	A090208	TRACE2	09/02/08	11:56	AH	Q	CONC
11	CCV 12-085-F	A090208	TRACE2	09/02/08	12:03	AH	Q	CONC
12	CCB 12-085-A	A090208	TRACE2	09/02/08	12:09	AH	B	CONC
13	AD848920/PB	A090208	TRACE2	09/02/08	12:17	AH	S	CONC
14	AD848919/CLPSL	A090208	TRACE2	09/02/08	12:23	AH	S	CONC
15	AD848900 A475	A090208	TRACE2	09/02/08	12:28	AH	S	CONC
16	AD848901	A090208	TRACE2	09/02/08	12:33	AH	S	CONC
17	AD848902	A090208	TRACE2	09/02/08	12:39	AH	S	CONC
18	AD848903	A090208	TRACE2	09/02/08	12:44	AH	S	CONC
19	AD848904	A090208	TRACE2	09/02/08	12:50	AH	S	CONC
20	AD848905	A090208	TRACE2	09/02/08	12:55	AH	S	CONC
21	AD848906	A090208	TRACE2	09/02/08	13:00	AH	S	CONC
22	AD848907 A519	A090208	TRACE2	09/02/08	13:06	AH	S	CONC
23	CCV	A090208	TRACE2	09/02/08	13:13	AH	Q	CONC
24	CCB	A090208	TRACE2	09/02/08	13:18	AH	B	CONC
25	AD848908	A090208	TRACE2	09/02/08	13:23	AH	S	CONC
26	AD848909	A090208	TRACE2	09/02/08	13:29	AH	S	CONC
27	AD848909/L (1:5)	A090208	TRACE2	09/02/08	13:34	AH	S	CONC
28	AD848909/PS	A090208	TRACE2	09/02/08	13:40	AH	S	CONC
29	AD848910/MS	A090208	TRACE2	09/02/08	13:45	AH	S	CONC
30	AD848911/SD	A090208	TRACE2	09/02/08	13:50	AH	S	CONC
31	AD848912	A090208	TRACE2	09/02/08	13:56	AH	S	CONC
32	AD848913	A090208	TRACE2	09/02/08	14:01	AH	S	CONC
33	AD848914	A090208	TRACE2	09/02/08	14:07	AH	S	CONC
34	AD848915	A090208	TRACE2	09/02/08	14:12	AH	S	CONC
35	CCV	A090208	TRACE2	09/02/08	14:19	AH	Q	CONC
36	CCB	A090208	TRACE2	09/02/08	14:24	AH	B	CONC
37	AD848916	A090208	TRACE2	09/02/08	14:46	AH	S	CONC
38	AD849426/PB	A090208	TRACE2	09/02/08	14:51	AH	S	CONC
39	AD849425/FB	A090208	TRACE2	09/02/08	14:57	AH	S	CONC
40	AD849403 A530	A090208	TRACE2	09/02/08	15:02	AH	S	CONC
41	AD849404	A090208	TRACE2	09/02/08	15:07	AH	S	CONC
42	AD849405	A090208	TRACE2	09/02/08	15:13	AH	S	CONC
43	AD849406	A090208	TRACE2	09/02/08	15:18	AH	S	CONC
44	AD849406/L (1:5)	A090208	TRACE2	09/02/08	15:23	AH	S	CONC
45	AD849406/PS	A090208	TRACE2	09/02/08	15:29	AH	S	CONC
46	AD849407/MD	A090208	TRACE2	09/02/08	15:39	AH	S	CONC
47	CCV	A090208	TRACE2	09/02/08	15:46	AH	Q	CONC
48	CCB	A090208	TRACE2	09/02/08	15:52	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD849408/MS A530	A090208	TRACE2	09/02/08	15:57	AH	S	CONC
50	AD849409 A541	A090208	TRACE2	09/02/08	16:02	AH	S	CONC
51	AD849410	A090208	TRACE2	09/02/08	16:08	AH	S	CONC
52	AD849411	A090208	TRACE2	09/02/08	16:13	AH	S	CONC
53	AD849412	A090208	TRACE2	09/02/08	16:18	AH	S	CONC
54	AD849413	A090208	TRACE2	09/02/08	16:24	AH	S	CONC
55	AD849414	A090208	TRACE2	09/02/08	16:29	AH	S	CONC
56	AD849415	A090208	TRACE2	09/02/08	16:35	AH	S	CONC
57	AD849416	A090208	TRACE2	09/02/08	16:40	AH	S	CONC
58	AD849417	A090208	TRACE2	09/02/08	16:45	AH	S	CONC
59	CCV	A090208	TRACE2	09/02/08	16:52	AH	Q	CONC
60	CCB	A090208	TRACE2	09/02/08	16:58	AH	B	CONC
61	AD849418	A090208	TRACE2	09/02/08	17:03	AH	S	CONC
62	AD849419 A543	A090208	TRACE2	09/02/08	17:08	AH	S	CONC
63	AD849420	A090208	TRACE2	09/02/08	17:14	AH	S	CONC
64	AD849421 A556	A090208	TRACE2	09/02/08	17:19	AH	S	CONC
65	AD849422	A090208	TRACE2	09/02/08	17:25	AH	S	CONC
66	AD849423 A562	A090208	TRACE2	09/02/08	17:30	AH	S	CONC
67	AD849424 A573	A090208	TRACE2	09/02/08	17:35	AH	S	CONC
68	AD849234/PB	A090208	TRACE2	09/02/08	17:41	AH	S	CONC
69	AD849233/FB	A090208	TRACE2	09/02/08	17:46	AH	S	CONC
70	AD849212 A486	A090208	TRACE2	09/02/08	17:52	AH	S	CONC
71	CCV	A090208	TRACE2	09/02/08	17:58	AH	Q	CONC
72	CCB	A090208	TRACE2	09/02/08	18:04	AH	B	CONC
73	AD849213	A090208	TRACE2	09/02/08	18:09	AH	S	CONC
74	AD849214	A090208	TRACE2	09/02/08	18:15	AH	S	CONC
75	AD849214/L (1:5)	A090208	TRACE2	09/02/08	18:20	AH	S	CONC
76	AD849214/PS	A090208	TRACE2	09/02/08	18:25	AH	S	CONC
77	AD849215/MS	A090208	TRACE2	09/02/08	18:31	AH	S	CONC
78	AD849216/SD	A090208	TRACE2	09/02/08	18:36	AH	S	CONC
79	AD849217	A090208	TRACE2	09/02/08	18:42	AH	S	CONC
80	AD849218	A090208	TRACE2	09/02/08	18:47	AH	S	CONC
81	AD849219	A090208	TRACE2	09/02/08	18:52	AH	S	CONC
82	AD849220	A090208	TRACE2	09/02/08	18:58	AH	S	CONC
83	CCV	A090208	TRACE2	09/02/08	19:05	AH	Q	CONC
84	CCB	A090208	TRACE2	09/02/08	19:10	AH	B	CONC
85	STD BLK	A090208	TRACE2	09/02/08	19:27		X	IR
86	STD 1	A090208	TRACE2	09/02/08	19:32		X	IR
87	STD 2	A090208	TRACE2	09/02/08	19:37		X	IR
88	STD 3	A090208	TRACE2	09/02/08	19:42		X	IR
89	STD 3 VER	A090208	TRACE2	09/02/08	19:47	AH	B	CONC
90	ICV	A090208	TRACE2	09/02/08	19:53	AH	Q	CONC
91	ICB	A090208	TRACE2	09/02/08	19:58	AH	B	CONC
92	CRI	A090208	TRACE2	09/02/08	20:03	AH	B	CONC
93	ICSA	A090208	TRACE2	09/02/08	20:09	AH	Q	CONC
94	ICSAB	A090208	TRACE2	09/02/08	20:14	AH	Q	CONC
95	CCV	A090208	TRACE2	09/02/08	20:21	AH	Q	CONC
96	CCB	A090208	TRACE2	09/02/08	20:26	AH	B	CONC
97	AD849221	A090208	TRACE2	09/02/08	20:32	AH	S	CONC
98	AD849222 A532	A090208	TRACE2	09/02/08	20:37	AH	S	CONC
99	AD849223 A552	A090208	TRACE2	09/02/08	20:43	AH	S	CONC
100	AD849224	A090208	TRACE2	09/02/08	20:48	AH	S	CONC
101	AD849225	A090208	TRACE2	09/02/08	20:54	AH	S	CONC
102	AD849226	A090208	TRACE2	09/02/08	20:59	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD849227 A552	A090208	TRACE2	09/02/08	21:04	AH	S	CONC
104	AD849228	A090208	TRACE2	09/02/08	21:10	AH	S	CONC
105	AD849229	A090208	TRACE2	09/02/08	21:15	AH	S	CONC
106	AD849230	A090208	TRACE2	09/02/08	21:21	AH	S	CONC
107	CCV	A090208	TRACE2	09/02/08	21:27	AH	Q	CONC
108	CCB	A090208	TRACE2	09/02/08	21:33	AH	B	CONC
109	AD849231	A090208	TRACE2	09/02/08	21:38	AH	S	CONC
110	AD849232	A090208	TRACE2	09/02/08	21:44	AH	S	CONC
111	AD849280/PB	A090208	TRACE2	09/02/08	21:49	AH	S	CONC
112	AD849279/FB	A090208	TRACE2	09/02/08	21:54	AH	S	CONC
113	AD849258 A525	A090208	TRACE2	09/02/08	22:00	AH	S	CONC
114	AD849259	A090208	TRACE2	09/02/08	22:05	AH	S	CONC
115	AD849260	A090208	TRACE2	09/02/08	22:11	AH	S	CONC
116	AD849260/L (1:5)	A090208	TRACE2	09/02/08	22:16	AH	S	CONC
117	AD849260/PS	A090208	TRACE2	09/02/08	22:21	AH	S	CONC
118	AD849261/MS	A090208	TRACE2	09/02/08	22:27	AH	S	CONC
119	CCV	A090208	TRACE2	09/02/08	22:34	AH	Q	CONC
120	CCB	A090208	TRACE2	09/02/08	22:39	AH	B	CONC
121	AD849262/SD	A090208	TRACE2	09/02/08	22:45	AH	S	CONC
122	AD849263	A090208	TRACE2	09/02/08	22:50	AH	S	CONC
123	AD849264	A090208	TRACE2	09/02/08	22:55	AH	S	CONC
124	AD849265	A090208	TRACE2	09/02/08	23:01	AH	S	CONC
125	AD849266	A090208	TRACE2	09/02/08	23:06	AH	S	CONC
126	AD849267	A090208	TRACE2	09/02/08	23:12	AH	S	CONC
127	AD849268 A557	A090208	TRACE2	09/02/08	23:17	AH	S	CONC
128	AD849269	A090208	TRACE2	09/02/08	23:22	AH	S	CONC
129	AD849270	A090208	TRACE2	09/02/08	23:28	AH	S	CONC
130	AD849271	A090208	TRACE2	09/02/08	23:33	AH	S	CONC
131	CCV	A090208	TRACE2	09/02/08	23:40	AH	Q	CONC
132	CCB	A090208	TRACE2	09/02/08	23:46	AH	B	CONC
133	AD849272	A090208	TRACE2	09/02/08	23:51	AH	S	CONC
134	AD849273	A090208	TRACE2	09/02/08	23:56	AH	S	CONC
135	AD849274	A090208	TRACE2	09/03/08	00:02	AH	S	CONC
136	AD849275	A090208	TRACE2	09/03/08	00:07	AH	S	CONC
137	AD849276	A090208	TRACE2	09/03/08	00:13	AH	S	CONC
138	AD849277	A090208	TRACE2	09/03/08	00:18	AH	S	CONC
139	AD849278	A090208	TRACE2	09/03/08	00:23	AH	S	CONC
140	CCV	A090208	TRACE2	09/03/08	00:30	AH	Q	CONC
141	CCB	A090208	TRACE2	09/03/08	00:36	AH	B	CONC
142	AD849310/PB	A090208	TRACE2	09/03/08	00:41	AH	S	CONC
143	AD849632/EBLK	A090208	TRACE2	09/03/08	00:47	AH	S	CONC
144	AD849309/LCS	A090208	TRACE2	09/03/08	00:52	AH	S	CONC
145	AD849308/EBLK	A090208	TRACE2	09/03/08	00:57	AH	S	CONC
146	AD849306/LCS	A090208	TRACE2	09/03/08	01:03	AH	S	CONC
147	AD849305/EBLK	A090208	TRACE2	09/03/08	01:08	AH	S	CONC
148	AD849302 A478	A090208	TRACE2	09/03/08	01:14	AH	S	CONC
149	AD849302/L (1:5)	A090208	TRACE2	09/03/08	01:19	AH	S	CONC
150	AD849302/PS	A090208	TRACE2	09/03/08	01:25	AH	S	CONC
151	AD849303/MS	A090208	TRACE2	09/03/08	01:30	AH	S	CONC
152	CCV	A090208	TRACE2	09/03/08	01:37	AH	Q	CONC
153	CCB	A090208	TRACE2	09/03/08	01:42	AH	B	CONC
154	AD849304/SD	A090208	TRACE2	09/03/08	01:48	AH	S	CONC
155	AD849307	A090208	TRACE2	09/03/08	01:53	AH	S	CONC
156	AD849631	A090208	TRACE2	09/03/08	01:59	AH	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	CCV	A090208	TRACE2	09/03/08	02:05	AH	Q	CONC
158	CCB	A090208	TRACE2	09/03/08	02:11	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.05875	8.26863	41.037	83.1938	50.594	18.491
2	As1890	.00268	.46066	2.2688	4.59863	1.0058	.37358
3	B_2496	.01946	1.35261	6.60875	13.353	1.0050	.37022
4	Ba4934	-.00071	4.6115	22.9158	46.2145	1.0060	.37077
5	Be3130	.20934	7.45673	36.2809	72.1931	.99750	.37083
6	Ca3179	.016			61.1277	50.305	18.601
7	Cd2265	-.00776	10.6032	52.1347	104.413	.99755	.37278
8	Co2286	-.00059	.61742	3.07328	6.17217	1.0038	.37276
9	Cr2677	.0031	1.88583	9.36826	18.8371	1.0026	.37180
10	Cu3247	.02101	.89849	4.39553	8.82715	1.0060	.36877
11	Fe2714	-.00071	1.77878	8.84648	17.7791	50.184	18.662
12	K_7664	-.07653			70.254	50.435	18.902
13	Mg2790	-.00274			109.674	50.307	18.493
14	Mn2576	.00226	1.33203	6.61796	13.3025	1.0031	.37194
15	Mo2020	-.00573	.92299	4.56754	9.25941	1.0067	.37969
16	Na3302	.00321			2.92855	49.864	18.550
17	Ni2316	-.03309	4.66385	23.3039	46.7459	1.0019	.37255
18	2203/1	-.0161	1.33571	6.59309	13.1538	.99519	.37202
19	2203/2	.01062	1.35155	6.65659	13.3289	1.0016	.37311
20	Sb2068	.00125	.31555	1.60526	3.26743	1.0239	.38145
21	1960/1	-.02567	.3259	1.6596	3.3482	.99033	.37210
22	1960/2	.04012	.61349	2.92587	5.88565	1.0261	.37695
23	Ti3372	.07392	5.45729	26.64	53.6309	1.0035	.37373
24	Tl1908	-.01241	.29998	1.53112	3.09371	1.0088	.37648
25	V_2924	.00131	.28236	1.398	2.81161	1.0049	.37125
26	Zn2062	.00477	.19411	.94576	1.8856	1.0008	.37599
27	Sn1899	-.01121	1.40838	7.15452	14.416	1.0140	.37664
28	Ag3280	-.00214	1.55719	7.77518	15.7486	1.0080	.37062
29	*Y	4186.88	4203.71	4178.1	4168.95	4161.19	4207.84
30	PB2203					.99950	.37275
31	SE1960					1.0142	.37533

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	-.00024	.19934	513.28	507.88	24.735	.01400
2	As1890	.00062	.01151	.00038	.10556	.49659	-.00029
3	B_2496	.00059	.02215	.00266	.03515	.49171	-.00019
4	Ba4934	.00011	.00211	.00096	.50853	.49610	.00008
5	Be3130	.00002	.00200	.00093	.48647	.49573	.00003
6	Ca3179	.00367	.49970	508.87	501.52	24.720	.01771
7	Cd2265	-.00004	.00113	.00220	.96618	.49341	-.00003
8	Co2286	-.00060	.00356	.00021	.48369	.49464	-.00064
9	Cr2677	-.00024	.00412	-.00312	.47857	.49409	-.00008
10	Cu3247	.00040	.01023	.00083	.51425	.49633	.00035
11	Fe2714	.00059	.05272	196.30	96.700	24.926	.00563
12	K_7664	.00008	.49393	.01389	.01426	25.114	.00909
13	Mg2790	.00288	.20669	503.21	490.63	24.305	.01632
14	Mn2576	.00001	.00306	.00143	.47889	.49433	.00002
15	Mo2020	.00320	.01270	.00196	.00197	.50040	.00184
16	Na3302	-.02819	1.1362	-.06295	-.14128	24.606	-.04801
17	Ni2316	-.00070	.00907	-.00013	.93716	.49701	-.00073
18	2203/1	-.00050	.00828	-.01266	.03777	.49147	.00206

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00006	.00307	.00757	.05152	.49631	-.00083
20	Sb2068	.00000	.02031	-.00078	.62855	.50781	-.00001
21	1960/1	.00098	.02093	-.00717	.05738	.48899	.00983
22	1960/2	-.00297	.01183	-.01078	.04829	.50040	-.00246
23	Ti3372	.00009	.00484	.00107	.00266	.49953	.00002
24	Tl1908	.00235	.02489	-.00600	.10155	.49701	.00253
25	V_2924	-.00021	.00507	.00007	.50143	.49410	-.00046
26	Zn2062	-.00044	.01065	-.00509	.94369	.49617	-.00025
27	Sn1899	-.00268	.00668	.00167	.00287	.50122	.00038
28	Ag3280	.00001	.00371	.00017	.21160	.49541	-.00007
29	*Y	4185.68	4182.9	3936.94	3938.25	4164.3	4181.7
30	PB2203	-.00012	.00480	.00083	.04694	.49470	.00012
31	SE1960	-.00165	.01486	-.00957	.05132	.49659	.00163

#	Element	AD8'0/PB	AD8'LPSL	AD848900	AD848901	AD848902	AD848903
1	Al3082	-.00144	89.716	48.297	66.131	26.732	k39.688
2	As1890	-.00042	1.2704	.02297	.42653	.01483	k.02118
3	B_2496	.00068	1.2631	.05089	.06888	.03028	k.03974
4	Ba4934	.00008	2.3066	.38901	1.8091	.22660	.22716
5	Be3130	-.00003	1.0974	.00227	.00552	.00120	k.00154
6	Ca3179	.05960	90.352	105.22	150.34	238.80	k169.61
7	Cd2265	-.00004	.97137	.00110	.00803	.00048	k.00261
8	Co2286	-.00066	1.2895	.03459	.05601	.01993	k.01106
9	Cr2677	.00044	2.1242	.05616	.11317	.03816	k.04665
10	Cu3247	.00019	1.4829	.09902	1.2811	.08569	k.07887
11	Fe2714	.01615	147.97	86.376	161.25	52.759	k75.982
12	K_7664	.03373	49.126	10.703	8.8004	5.9523	7.2772
13	Mg2790	.00471	43.933	31.153	55.462	48.340	k45.228
14	Mn2576	.00012	4.7401	2.3933	3.2497	2.5834	k2.7776
15	Mo2020	.00143	1.0903	.00423	.01078	.00215	k.00279
16	Na3302	-.03348	7.9805	1.1883	1.1810	1.0758	k1.2315
17	Ni2316	-.00143	1.1684	.06343	.14858	.04015	k.05985
18	2203/1	.00294	1.5818	.18589	4.5607	.06179	k.05900
19	2203/2	-.00017	1.5954	.18424	4.6121	.06171	k.06887
20	Sb2068	-.00002	.61397	.00000	.01647	.00128	k.01579
21	1960/1	.00382	.89005	.00729	.00857	-.00197	k.00190
22	1960/2	-.00088	.91028	-.00590	-.00016	.00007	k-.00359
23	Ti3372	.00017	4.9074	1.3803	1.5703	.99772	S17.599
24	Tl1908	.00452	1.4932	.00578	-.00753	.00024	k-.00223
25	V_2924	-.00021	1.1566	.10060	.20588	.06148	k.07773
26	Zn2062	.00128	2.5962	.36871	1.7027	.15437	k.18215
27	Sn1899	H.04077	1.0530	.01627	.15296	.04103	k.02920
28	Ag3280	.00010	.81851	.00027	.01034	.00017	k.00023
29	*Y	4165.09	4468.69	4547.59	4575.11	4405.24	4395.83
30	PB2203	.00086	1.5908	.18479	4.5950	.06174	k.06558
31	SE1960	.00068	.90353	-.00150	.00274	-.00060	k-.00175

#	Element	AD848904	AD848905	AD848906	AD848907	CCV	CCB
1	Al3082	41.705	43.911	34.573	19.895	24.842	.02968
2	As1890	.01817	.03377	.02281	.00501	.49776	.00007
3	B_2496	.04727	.04499	.05368	.01441	.49353	-.00024
4	Ba4934	.24828	.48069	.40890	.16002	.49659	.00027
5	Be3130	.00182	.00248	.00208	.00104	.49610	.00012
6	Ca3179	228.20	167.13	282.16	28.706	24.710	.02481
7	Cd2265	.00070	.00107	.00084	.00001	.49672	-.00001
8	Co2286	.02693	.03294	.02797	.01467	.49704	-.00027
9	Cr2677	.04744	.07056	.06023	.03214	.49642	.00024
10	Cu3247	.07759	.16979	.62123	.01559	.49631	.00074
11	Fe2714	74.541	108.89	67.499	36.793	25.193	.01220
12	K_7664	7.7255	8.0608	8.3835	3.1560	25.288	.00995
13	Mg2790	51.971	41.190	73.801	8.8492	24.613	.02539
14	Mn2576	2.5634	5.8383	2.2719	.36626	.49711	.00008
15	Mo2020	.00287	.00658	.00735	.00298	.50201	.00287
16	Na3302	1.2293	1.2498	2.1650	.90173	24.861	.18827
17	Ni2316	.05411	.06118	.06149	.02821	.49899	-.00004
18	2203/1	.06613	.65026	.40618	.02059	.49485	.00100
19	2203/2	.06187	.64963	.40760	.01531	.49968	-.00082
20	Sb2068	-.00193	.00089	.00577	.00080	.50774	-.00158
21	1960/1	-.00063	.00318	.00253	.01018	.48635	.00251
22	1960/2	-.00378	-.00224	-.00330	-.00501	.50189	-.00578
23	Ti3372	1.5958	1.5226	1.2669	.98126	.49956	.00054
24	Tl1908	-.00154	-.00214	.00034	-.00174	.49702	.00614
25	V_2924	.08951	.13688	.08206	.05007	.49667	-.00020
26	Zn2062	.19027	.31784	.37363	.09358	.49986	-.00034
27	Sn1899	.03615	.09584	.11639	.03479	.50653	.00076
28	Ag3280	.00003	.00073	.00584	.00009	.49759	.00011
29	*Y	4395.15	4390.42	4353.56	4293.38	4142.74	4117.2
30	PB2203	.06328	.64984	.40713	.01707	.49807	-.00021
31	SE1960	-.00273	-.00043	-.00136	.00005	.49671	-.00302

#	Element	AD848908	AD848909	AD8'1:5)	AD8'9/PS	AD8'0/MS	AD8'1/SD
1	Al3082	26.239	24.415	5.2594	41.987	39.638	50.288
2	As1890	.00940	.01055	.00381	.38601	.39366	.41107
3	B_2496	.01724	.01483	.00466	.37580	.38747	.39908
4	Ba4934	.18182	.15481	.03342	.52225	.51668	.58680
5	Be3130	.00126	.00151	.00034	.36911	.37518	.38691
6	Ca3179	78.221	65.579	14.179	81.545	91.902	135.83
7	Cd2265	.00022	.00040	.00000	.36726	.37410	.38351
8	Co2286	.01989	.02495	.00506	.39395	.39771	.41510
9	Cr2677	.04035	.04112	.00904	.39731	.40159	.43552
10	Cu3247	.02610	.03113	.00667	.40168	.40841	.42486
11	Fe2714	49.291	52.988	11.303	69.549	58.983	87.183
12	K_7664	4.2070	3.4596	.68956	22.465	22.323	24.362
13	Mg2790	16.469	26.419	5.6051	43.745	51.660	63.701
14	Mn2576	.57376	.73897	.15659	1.0753	1.0916	1.5841
15	Mo2020	.00260	.00384	.00166	.37882	.38263	.39357
16	Na3302	1.0202	.82141	.26625	19.269	19.804	20.843
17	Ni2316	.04049	.05145	.01097	.41290	.40929	.43741
18	2203/1	.02409	.02692	.00555	.38624	.38939	.40601

#	Element	AD848908	AD848909	AD8'1:5)	AD8'9/PS	AD8'0/MS	AD8'1/SD
19	2203/2	.02253	.02237	.00521	.38313	.39081	.40830
20	Sb2068	-.00162	-.00044	-.00125	.36913	.31574	.31630
21	1960/1	.00134	.00020	.00469	.36116	.35618	.36763
22	1960/2	-.00108	-.00238	-.00377	.36725	.36252	.37511
23	Ti3372	1.2031	1.1362	.24034	1.4707	1.4883	1.6561
24	Tl1908	.00150	.00277	.00022	.36213	.36959	.37972
25	V_2924	.06576	.07237	.01496	.44264	.43443	.46648
26	Zn2062	.12578	.14072	.02942	.49651	.48552	.51367
27	Sn1899	.03231	.03253	.00666	.36521	.40398	.41574
28	Ag3280	-.00013	.00027	.00025	.10066	.09562	.09799
29	*Y	4303.09	4330.5	4190.17	4294.95	4271.1	4258.35
30	PB2203	.02305	.02389	.00532	.38417	.39033	.40754
31	SE1960	-.00027	-.00152	-.00095	.36522	.36040	.37262

#	Element	AD848912	AD848913	AD848914	AD848915	CCV	CCB
1	Al3082	33.674	24.916	25.540	24.937	24.795	.02647
2	As1890	.01024	.00847	.01492	.01264	.50016	.00187
3	B_2496	.03908	.01491	.01595	.01772	.49228	.00063
4	Ba4934	.19671	.17879	.14986	.16390	.49668	.00014
5	Be3130	.00171	.00126	.00188	.00194	.49465	.00013
6	Ca3179	269.81	36.266	72.844	93.026	24.637	.02572
7	Cd2265	.00032	.00025	.00085	.00087	.49549	.00008
8	Co2286	.02295	.01659	.01914	.01855	.49591	-.00029
9	Cr2677	.06867	.03733	.03913	.03999	.49505	.00007
10	Cu3247	.08237	.02161	.02699	.03197	.49537	.00062
11	Fe2714	53.977	48.916	65.266	62.562	25.142	.01631
12	K_7664	4.2334	3.8260	6.8398	6.9147	25.235	.01084
13	Mg2790	35.930	11.564	12.674	14.763	24.561	.02489
14	Mn2576	1.2198	.47989	.68599	.75209	.49556	.00005
15	Mo2020	.00645	.00288	.00276	.00291	.49901	.00211
16	Na3302	1.0027	.93888	1.1664	1.2264	24.821	.06831
17	Ni2316	.06640	.03310	.03675	.03828	.49649	-.00052
18	2203/1	.03826	.02061	.04717	.06760	.49327	.00141
19	2203/2	.04062	.01740	.04470	.06763	.49816	-.00016
20	Sb2068	-.00140	-.00148	-.00251	.00113	.50971	-.00082
21	1960/1	.00318	.00498	.00347	.00666	.48989	.00772
22	1960/2	.00052	-.00580	.00319	-.00407	.50010	-.00584
23	Ti3372	1.8998	1.1342	1.1020	1.2665	.49596	.00021
24	Tl1908	-.00097	-.00359	-.00050	.00287	.49381	.00388
25	V_2924	.11796	.06108	.06914	.07321	.49494	-.00016
26	Zn2062	.26819	.11048	.18683	.19741	.49848	-.00054
27	Sn1899	.01302	.03275	.03564	.03638	.50399	.00148
28	Ag3280	.00000	-.00040	-.00027	.00018	.49661	.00039
29	*Y	4283.1	4315.16	4378.58	4364.62	4132.39	4115.33
30	PB2203	.03983	.01847	.04552	.06762	.49653	.00035
31	SE1960	.00140	-.00220	.00328	-.00049	.49669	-.00131

#	Element	AD848916	AD8'6/PB	AD8'5/FB	AD849403	AD849404	AD849405
1	Al3082	26.039	.07755	10.236	.31397	.33679	.27614
2	As1890	.01144	.00034	.21306	.00142	-.00145	.00171
3	B_2496	.01517	.00953	.21183	.04163	.03688	.03310
4	Ba4934	.16499	.00014	.20679	.02227	.02048	.02332
5	Be3130	.00164	-.00001	.20303	.00002	.00002	-.00001
6	Ca3179	78.699	.17320	10.250	49.749	55.657	32.494
7	Cd2265	.00101	-.00006	.20591	-.00004	.00000	.00001
8	Co2286	.02055	-.00021	.20635	-.00040	-.00052	-.00015
9	Cr2677	.04329	.00011	.19851	.00075	.00091	.00117
10	Cu3247	.03289	.00080	.20483	.00316	.00249	.00151
11	Fe2714	55.904	.01780	10.474	.16035	.31122	.21495
12	K_7664	6.4993	.00552	10.557	1.9432	1.7425	1.6057
13	Mg2790	12.914	.00604	10.088	8.4131	8.5146	8.7098
14	Mn2576	.71664	.00012	.20297	.01260	.01471	.01629
15	Mo2020	.00350	.00103	.20680	.00480	.00384	.00241
16	Na3302	1.0687	-.03597	10.496	18.828	14.926	11.639
17	Ni2316	.04222	-.00045	.20298	.00073	.00122	.00067
18	2203/1	.07592	.00051	.20287	.00290	.00138	.00193
19	2203/2	.07607	.00020	.20402	-.00043	-.00059	.00248
20	Sb2068	.00074	.00202	.20551	.00017	-.00101	.00127
21	1960/1	.00450	.00496	.20058	.00536	.00479	.00863
22	1960/2	-.00230	-.00236	.19904	-.00217	-.00484	-.00674
23	Ti3372	1.2519	H.00257	.19732	.00470	.00468	.00692
24	Tl1908	.00491	.00564	.20542	.00130	.00334	.00055
25	V_2924	.06665	.00017	.20456	.00064	.00038	.00072
26	Zn2062	.19915	-.00012	.20352	.00587	.00546	.00077
27	Sn1899	.03479	.00166	.21065	.00052	.00155	.00002
28	Ag3280	.00042	.00020	.05070	.00094	.00001	-.00035
29	*Y	4336.35	4172.74	4199.51	4160.1	4143.23	4164.6
30	PB2203	.07602	.00030	.20363	.00067	.00006	.00230
31	SE1960	-.00003	.00007	.19955	.00033	-.00163	-.00162

#	Element	AD849406	AD8'1:5)	AD8'6/PS	AD8'7/MD	CCV	CCB
1	Al3082	1.2671	.25810	11.225	1.2549	24.818	.01972
2	As1890	.00054	-.00004	.21069	-.00127	.49139	-.00141
3	B_2496	.03434	.00615	.23500	.03422	.49063	.00043
4	Ba4934	.02917	.00593	.23046	.02901	.49697	.00005
5	Be3130	.00004	.00004	.20411	.00002	.49382	.00009
6	Ca3179	33.038	6.6353	42.225	32.992	24.559	.02190
7	Cd2265	.00008	-.00001	.20478	-.00004	.49198	-.00001
8	Co2286	.00014	-.00035	.20555	.00022	.49358	-.00071
9	Cr2677	.00254	.00055	.19971	.01480	.49355	-.00027
10	Cu3247	.00479	.00112	.20865	.00486	.49663	.00003
11	Fe2714	1.3304	.27134	11.727	1.3704	25.034	.00947
12	K_7664	1.9539	.37234	12.486	1.9282	25.214	.01210
13	Mg2790	8.9371	1.7879	18.767	8.8993	24.454	.02227
14	Mn2576	.06743	.01342	.26902	.06828	.49425	.00002
15	Mo2020	.00205	.00128	.21025	.00434	.49751	.00251
16	Na3302	11.628	2.4015	21.596	11.761	24.938	-.09884
17	Ni2316	.00177	-.00014	.20394	.00733	.49503	-.00094
18	2203/1	.00276	.00071	.20381	.00319	.49225	.00369

#	Element	AD849406	AD8'1:5)	AD8'6/PS	AD8'7/MD	CCV	CCB
19	2203/2	.00069	-.00039	.20045	.00239	.49752	-.00092
20	Sb2068	.00244	-.00271	.20423	.00000	.50745	-.00118
21	1960/1	.00448	.00684	.20739	.00184	.48064	.00723
22	1960/2	-.00459	-.00632	.20619	-.00284	.49396	-.00400
23	Ti3372	.03761	.00766	.23506	.03792	.49751	-.00002
24	Tl1908	.00199	.00326	.20661	.00256	.49642	.00448
25	V_2924	.00284	.00052	.20821	.00262	.49357	-.00055
26	Zn2062	.00619	.00050	.20962	.00617	.49387	-.00092
27	Sn1899	-.00008	.00175	.19223	.00189	.50221	.00113
28	Ag3280	.00023	-.00016	.04950	.00008	.49569	.00002
29	*Y	4161.64	4092.86	4167.53	4166.55	4096.58	4112.66
30	PB2203	.00138	-.00002	.20157	.00265	.49577	.00061
31	SE1960	-.00156	-.00193	.20658	-.00127	.48952	-.00026

#	Element	AD8'8/MS	AD849409	AD849410	AD849411	AD849412	AD849413
1	Al3082	11.284	.16828	.14725	.09267	.16458	.08563
2	As1890	.21624	-.00071	.00067	.00128	.00094	.00147
3	B_2496	.23829	.01402	.01399	.02164	.01334	.01274
4	Ba4934	.23576	.01873	.00134	.01719	.03368	.02544
5	Be3130	.20561	.00000	.00000	.00000	.00000	.00000
6	Ca3179	43.528	10.439	8.6048	16.384	12.741	32.724
7	Cd2265	.20592	-.00011	-.00018	-.00022	-.00020	-.00019
8	Co2286	.20867	-.00049	-.00041	.00008	-.00030	.00343
9	Cr2677	.20247	.00579	.00260	.02736	.00388	.00052
10	Cu3247	.21280	.00181	.00505	.00232	.00386	.00214
11	Fe2714	11.812	.06221	.05090	.00462	.05221	.04566
12	K_7664	12.620	.46881	.31159	.18345	.95136	.47574
13	Mg2790	19.143	8.0138	12.806	32.763	8.2130	22.149
14	Mn2576	.27274	.00069	.00101	.00473	.00120	.01444
15	Mo2020	.21024	.00107	.00188	.00151	.00057	.00121
16	Na3302	22.086	4.8665	2.8107	5.1323	5.0221	9.2746
17	Ni2316	.20629	.00046	.00051	.05265	.00017	.02753
18	2203/1	.20414	.00113	.00456	.00054	.00160	.00175
19	2203/2	.20708	-.00108	-.00192	-.00108	.00090	-.00162
20	Sb2068	.21297	-.00006	-.00148	.00275	-.00253	.00058
21	1960/1	.20392	.00868	.00938	.00659	.00373	.00817
22	1960/2	.19635	-.00527	-.00514	-.00580	-.00120	-.00071
23	Ti3372	.23388	.00246	.00142	.00013	.00242	.00026
24	Tl1908	.20659	.00067	.00054	.00052	.00211	.00233
25	V_2924	.20987	.00976	.00103	.00432	.01449	.01231
26	Zn2062	.20913	.00227	.01258	.00027	.00304	.00251
27	Sn1899	.21280	-.00083	.00052	.00254	-.00054	.00116
28	Ag3280	.05155	.00016	.00044	.00007	-.00021	.00000
29	*Y	4144.61	4129.28	4140.34	4128.38	4134.41	4143.9
30	PB2203	.20610	-.00034	.00023	-.00054	.00113	-.00050
31	SE1960	.19887	-.00062	-.00030	-.00167	.00043	.00224

#	Element	AD849414	AD849415	AD849416	AD849417	CCV	CCB
1	Al3082	.29861	.11521	.11710	.08808	24.788	.01945
2	As1890	-.00021	.00106	.00115	-.00109	.49425	.00052
3	B_2496	.01397	.01447	.01459	.01115	.49084	-.00084
4	Ba4934	.01186	.02697	.03115	.00010	.49579	.00014
5	Be3130	.00000	.00000	.00000	-.00001	.49248	.00012
6	Ca3179	10.323	9.8186	14.170	.21708	24.486	.02309
7	Cd2265	-.00022	-.00016	-.00019	-.00001	.49171	-.00003
8	Co2286	-.00024	-.00036	-.00018	-.00027	.49215	-.00048
9	Cr2677	.01445	.00371	.00279	.00015	.49177	-.00008
10	Cu3247	.00170	.00145	.00178	.00157	.49653	.00005
11	Fe2714	.11765	.03527	.02568	.01279	24.991	.01059
12	K_7664	.22696	.39054	.75793	.00703	25.037	.01591
13	Mg2790	10.387	7.1401	10.565	.00584	24.458	.02216
14	Mn2576	.00684	.01805	.02049	.00005	.49269	.00001
15	Mo2020	.00085	.00111	.00132	.00113	.49807	.00302
16	Na3302	5.1464	4.0297	4.9560	.04150	24.730	-.02975
17	Ni2316	.00141	.00073	.00194	-.00023	.49473	-.00083
18	2203/1	-.00021	.00112	-.00033	.00297	.48333	.00256
19	2203/2	.00005	-.00036	-.00081	-.00070	.49494	-.00176
20	Sb2068	.00091	-.00073	-.00011	.00002	.50307	.00052
21	1960/1	.00599	.01284	.01376	.00067	.48184	.00451
22	1960/2	-.00379	-.00208	-.00309	-.00470	.49691	-.00237
23	Ti3372	.00577	.00073	.00115	.00001	.49712	.00021
24	Tl1908	.00230	.00317	.00128	.00336	.49138	.00459
25	V_2924	.01170	.00885	.01152	-.00003	.49175	-.00033
26	Zn2062	.00230	.00260	.00208	.00001	.49413	-.00078
27	Sn1899	.00149	.00097	.00215	.00183	.49794	-.00036
28	Ag3280	-.00011	.00010	.00013	.00007	.49612	.00007
29	*Y	4157.93	4129.54	4133.03	4148.55	4085.33	4077.56
30	PB2203	-.00003	.00012	-.00065	.00052	.49108	-.00032
31	SE1960	-.00053	.00289	.00252	-.00290	.49188	-.00007

#	Element	AD849418	AD849419	AD849420	AD849421	AD849422	AD849423
1	Al3082	.09932	.10147	.11832	.13634	.08105	.38146
2	As1890	-.00042	.00307	.00347	.03704	-.00150	.06275
3	B_2496	.01024	.03967	.04010	1.1335	.15892	14.556
4	Ba4934	.00014	.02252	.02305	.32278	.05610	.82316
5	Be3130	-.00002	-.00001	.00000	.00000	.00002	.00014
6	Ca3179	.22255	32.990	32.660	40.884	77.858	156.76
7	Cd2265	-.00003	-.00006	-.00004	.00000	-.00007	.00000
8	Co2286	-.00095	-.00042	-.00006	.00347	-.00017	.03877
9	Cr2677	-.00021	.00212	.00713	.00167	.00057	.08753
10	Cu3247	.00064	.00859	.01717	.00070	.00069	.00534
11	Fe2714	.00058	.46626	1.8813	18.726	1.5679	9.4421
12	K_7664	.00154	1.8699	1.8749	72.988	12.853	398.96
13	Mg2790	.00305	8.5384	8.4588	63.179	22.531	175.30
14	Mn2576	-.00004	.00643	.04076	.42181	1.2553	1.2432
15	Mo2020	.00113	.02895	.03337	.00162	.00148	.01402
16	Na3302	.00493	20.221	20.386	96.074	23.203	H1336.9
17	Ni2316	-.00076	.02259	.03653	.01633	.00086	.29071
18	2203/1	.00146	.00324	.00875	.00339	.00137	.00498

#	Element	AD849418	AD849419	AD849420	AD849421	AD849422	AD849423
19	2203/2	-.00005	.00333	.01079	-.00083	-.00103	.00042
20	Sb2068	-.00232	-.00128	.00024	-.00163	.00008	.00926
21	1960/1	.00797	.00151	.00195	.00270	.00457	.00903
22	1960/2	-.00266	-.00488	-.00073	-.00380	-.00476	-.00445
23	Ti3372	.00005	-.00023	.00026	.00291	.00013	.13473
24	Tl1908	.00302	.00357	.00173	-.00161	-.00073	-.00041
25	V_2924	-.00042	-.00010	.00026	.00099	-.00044	.07290
26	Zn2062	-.00056	.00481	.00401	.00184	.00379	.10362
27	Sn1899	.00099	-.00034	.00019	-.00018	.00024	.01033
28	Ag3280	-.00028	-.00033	-.00037	.00042	.00039	.00002
29	*Y	4158.83	4109.36	4120.39	4096.05	4105.09	3780.23
30	PB2203	.00044	.00330	.01011	.00057	-.00023	.00193
31	SE1960	.00087	-.00275	.00016	-.00163	-.00164	.00003

#	Element	AD849424	AD8'4/PB	AD8'3/FB	AD849212	CCV	CCB
1	Al3082	.08927	.06517	10.160	.11544	24.814	.00019
2	As1890	.00119	.00024	.21049	.00070	.49380	-.00273
3	B_2496	.17497	.01449	.21307	.57112	.49313	.00121
4	Ba4934	.46099	.00010	.20610	.01462	.49734	.00007
5	Be3130	-.00001	-.00003	.20145	.00004	.49383	.00012
6	Ca3179	71.446	.16853	10.149	61.282	24.491	.00481
7	Cd2265	-.00010	-.00008	.20323	-.00002	.49218	.00006
8	Co2286	-.00021	-.00072	.20417	.00007	.49332	-.00038
9	Cr2677	.00024	-.00009	.19638	.00015	.49310	.00014
10	Cu3247	.00226	.00019	.20440	.00042	.49712	.00017
11	Fe2714	1.3551	.00939	10.325	.14080	25.006	.00677
12	K_7664	4.6057	.01248	10.443	1.1428	25.238	.01774
13	Mg2790	12.844	.00528	9.9409	31.161	24.375	.00461
14	Mn2576	.11078	.00003	.20014	.02855	.49292	.00004
15	Mo2020	.00160	.00125	.20464	.21149	.48915	.00214
16	Na3302	25.499	-.17796	10.384	83.742	24.894	-.07409
17	Ni2316	.00215	-.00077	.20127	.00279	.49570	-.00030
18	2203/1	.00165	.00105	.19946	.00226	.49046	.00056
19	2203/2	-.00075	-.00052	.20318	-.00077	.49517	-.00053
20	Sb2068	-.00003	-.00187	.20525	-.00102	.49512	.00081
21	1960/1	.00500	.00945	.19246	.00150	.48086	.00443
22	1960/2	-.00481	-.00253	.19683	-.00705	.49782	-.00320
23	Ti3372	.00047	-.00022	.19626	.00329	.48930	.00000
24	Tl1908	.00330	.00093	.20420	.00030	.49419	.00091
25	V_2924	.00184	-.00016	.20209	-.00044	.49154	-.00007
26	Zn2062	.00583	-.00062	.20054	.00393	.49436	-.00110
27	Sn1899	.00046	.00026	.21111	.00141	.50480	-.00032
28	Ag3280	.00034	-.00040	.05043	.00054	.49952	.00018
29	*Y	4118.1	4155.15	4137.11	4074.41	4075.43	4074.79
30	PB2203	.00004	.00000	.20194	.00023	.49360	-.00016
31	SE1960	-.00154	.00145	.19537	-.00419	.49216	-.00066

#	Element	AD849213	AD849214	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD
1	Al3082	.11691	.11461	.02085	10.255	10.384	10.438
2	As1890	.00316	.00216	-.00118	.21279	.21893	.21816
3	B_2496	.57294	.56336	.11253	.75093	.76709	.78813
4	Ba4934	.01781	.01321	.00274	.21930	.22331	.22203
5	Be3130	.00009	.00002	.00004	.20598	.20683	.20522
6	Ca3179	49.482	55.865	11.223	64.864	65.952	66.542
7	Cd2265	.00003	-.00008	-.00021	.20504	.20511	.20429
8	Co2286	-.00010	.00019	-.00063	.20717	.20900	.20817
9	Cr2677	.00104	.00011	.00003	.19882	.19996	.19943
10	Cu3247	.00371	.00045	-.00012	.20552	.20793	.20680
11	Fe2714	.01189	.06343	.00708	10.573	10.676	10.605
12	K_7664	1.1053	1.1000	.20248	12.118	12.221	12.220
13	Mg2790	25.938	27.648	5.5664	37.148	37.667	37.922
14	Mn2576	.01061	.05676	.01130	.26022	.26316	.26231
15	Mo2020	.09050	.14623	.03173	.35091	.35430	.35318
16	Na3302	76.260	78.418	15.860	87.093	88.479	89.141
17	Ni2316	.00306	.00051	-.00061	.20480	.20479	.20400
18	2203/1	-.00099	.00052	.00536	.19664	.20189	.20163
19	2203/2	.00013	.00031	-.00298	.20373	.20362	.20452
20	Sb2068	.00058	.00103	-.00473	.20901	.20996	.21119
21	1960/1	.00089	.00126	.00319	.20489	.20621	.20092
22	1960/2	-.00577	-.00577	-.00286	.20939	.20179	.20774
23	Ti3372	.00000	-.00012	.00007	.20082	.20062	.19970
24	Tl1908	.00202	.00133	.00320	.19908	.20636	.21004
25	V_2924	-.00031	-.00040	-.00035	.20821	.20700	.20691
26	Zn2062	.00620	.00060	-.00111	.20356	.20199	.20119
27	Sn1899	-.00133	.00127	.00009	.18934	.21486	.21161
28	Ag3280	-.00025	-.00022	.00008	.05011	.05265	.05233
29	*Y	4087.84	4094.96	4095.6	4091.29	4090.35	4086.9
30	PB2203	-.00023	.00038	-.00020	.20137	.20304	.20356
31	SE1960	-.00355	-.00342	-.00084	.20789	.20326	.20546

#	Element	AD849217	AD849218	AD849219	AD849220	CCV	CCB
1	Al3082	.32300	.10793	.11211	.11533	24.720	.00058
2	As1890	.00000	.00099	.00257	.00299	.49079	.00080
3	B_2496	.57507	.58626	.66415	.52716	.49051	.00154
4	Ba4934	.01623	.01702	.01994	.02054	.49550	.00014
5	Be3130	.00003	.00002	.00002	.00003	.49275	.00016
6	Ca3179	45.684	41.941	47.698	36.112	24.444	.00640
7	Cd2265	-.00006	-.00003	-.00026	.00000	.49234	.00014
8	Co2286	-.00025	-.00013	-.00041	.00015	.49407	-.00022
9	Cr2677	.00059	.00027	.00188	.00032	.49482	.00027
10	Cu3247	.00036	.00056	.00041	.00121	.49383	.00040
11	Fe2714	.12865	.00737	.16637	.01321	25.000	.01305
12	K_7664	1.0530	1.0001	1.2909	.90259	25.361	.02088
13	Mg2790	25.019	21.529	21.570	21.874	24.311	.01205
14	Mn2576	.03440	.03280	.03808	.02961	.49406	.00015
15	Mo2020	.09287	.15536	.22942	.11504	.48834	.00384
16	Na3302	69.225	65.244	80.466	59.378	24.784	-.00245
17	Ni2316	.00006	.00180	.00099	.00106	.49367	-.00022
18	2203/1	.00049	.00293	.00088	-.00125	.49490	.00070

#	Element	AD849217	AD849218	AD849219	AD849220	CCV	CCB
19	2203/2	-.00069	-.00049	.00040	-.00003	.49496	-.00029
20	Sb2068	-.00359	-.00028	-.00264	.00040	.49510	.00120
21	1960/1	.00240	.00778	.00496	.00754	.48857	.00452
22	1960/2	-.00426	-.00729	-.00092	-.00095	.49722	-.00322
23	Ti3372	.00007	.00004	.00018	.00027	.48802	.00024
24	Tl1908	.00390	.00441	.00355	.00220	.49636	.00135
25	V_2924	-.00040	-.00022	-.00030	.00074	.49106	.00028
26	Zn2062	.00092	.00234	.00032	.00100	.49344	-.00116
27	Sn1899	-.00093	.00043	-.00135	.00224	.50415	.00139
28	Ag3280	.00006	.00003	-.00002	.00052	.49843	.00059
29	*Y	4110.83	4104.49	4108.28	4095	4062.68	4054.35
30	PB2203	-.00029	.00064	.00056	-.00043	.49494	.00004
31	SE1960	-.00204	-.00226	.00104	.00187	.49433	-.00064

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.05601	8.31446	41.2812	83.805	50.631	18.532
2	As1890	-.00676	.4591	2.29328	4.61587	.99932	.37219
3	B_2496	.01851	1.34818	6.62534	13.3257	1.0034	.37255
4	Ba4934	0	4.61724	23.0624	46.666	1.0110	.37316
5	Be3130	.21252	7.4294	36.2874	72.3319	1.0004	.37236
6	Ca3179	.01617			60.9112	50.243	18.600
7	Cd2265	-.0212	10.6752	52.5247	104.984	.99211	.37122
8	Co2286	-.00539	.62121	3.09451	6.21706	.99688	.37182
9	Cr2677	.00294	1.89665	9.43916	18.9427	1.0001	.37133
10	Cu3247	.02157	.90156	4.40131	8.86271	1.0081	.37030
11	Fe2714	-.00073	1.81559	9.01583	18.0639	49.909	18.597
12	K_7664	-.0657			71.7004	50.307	18.843
13	Mg2790	0			109.387	50.097	18.454
14	Mn2576	.00147	1.34048	6.65788	13.3654	.99980	.37133
15	Mo2020	.006	.93298	4.57767	9.25855	1.0025	.37877
16	Na3302	-.00674			2.97374	50.119	18.712
17	Ni2316	-.0712	4.69011	23.474	47.0838	.99672	.37230
18	2203/1	.02106	1.34635	6.66675	13.3282	.99583	.37238
19	2203/2	-.00158	1.35796	6.73087	13.5116	.99924	.37018
20	Sb2068	-.00312	.32491	1.6387	3.31211	1.0025	.37685
21	1960/1	.00526	.31213	1.66986	3.34403	1.0217	.38118
22	1960/2	-.0006	.59615	2.97812	5.97167	1.0050	.37782
23	Ti3372	.06544	5.43309	26.741	53.8811	1.0054	.37457
24	Tl1908	-.00732	.30578	1.54593	3.13779	1.0080	.37613
25	V_2924	.00098	.2823	1.39935	2.81466	1.0012	.37144
26	Zn2062	.00404	.19513	.95245	1.89707	.99521	.37369
27	Sn1899	-.01813	1.457	7.23808	14.5419	1.0009	.37320
28	Ag3280	.0022	1.56691	7.812	15.8042	1.0058	.37160
29	*Y	4079.59	4089.56	4073.66	4048.61	4048.73	4072.01
30	PB2203					.99811	.37091
31	SE1960					1.0106	.37894

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00310	.20477	514.86	509.76	24.594	.02577
2	As1890	.00024	.01478	.00033	.11168	.49525	.00072
3	B_2496	.00100	.02244	.00196	.03633	.49006	-.00070
4	Ba4934	.00013	.00219	.00106	.51285	.49330	.00004
5	Be3130	.00013	.00205	.00100	.49137	.49474	.00014
6	Ca3179	.00480	.49874	514.67	508.82	24.741	.03070
7	Cd2265	-.00001	.00115	.00166	.96777	.49075	.00015
8	Co2286	.00028	.00468	.00117	.48537	.49091	.00020
9	Cr2677	-.00023	.00433	-.00245	.48039	.49220	-.00007
10	Cu3247	.00004	.01033	.00076	.51710	.49336	.00023
11	Fe2714	-.00151	.05752	196.00	96.657	24.633	.02092
12	K_7664	.00107	.47563	.00786	.00495	24.916	.00406
13	Mg2790	.00512	.20517	506.00	493.82	24.302	.03184
14	Mn2576	.00009	.00308	.00158	.48095	.49129	.00012
15	Mo2020	.00110	.01103	.00237	.00051	.48727	.00095
16	Na3302	.17546	1.4458	.05552	.08232	24.660	.09331
17	Ni2316	.00013	.01035	.00102	.94039	.49374	-.00025
18	2203/1	-.00120	.00402	-.01430	.04045	.49170	-.00075
19	2203/2	-.00015	.00604	.00791	.05433	.49162	.00120
20	Sb2068	.00174	.01983	.00158	.62326	.48420	.00005
21	1960/1	-.00739	.01072	-.00652	.04966	.50487	-.00267
22	1960/2	.00166	.01527	.00379	.05158	.49224	.00579
23	Ti3372	.00038	.00529	.00138	.00276	.48802	.00004
24	Tl1908	.00236	.02150	-.00837	.09204	.49489	.00132
25	V_2924	.00004	.00531	.00005	.50438	.49054	-.00008
26	Zn2062	-.00084	.01014	-.00514	.94569	.49262	-.00090
27	Sn1899	.00144	.00823	.00134	.00389	.49405	-.00171
28	Ag3280	-.00043	.00299	.00038	.21295	.49630	-.00010
29	*Y	4070.14	4093.61	3830.85	3816.49	4061.66	4061.18
30	PB2203	-.00050	.00537	.00051	.04971	.49165	.00055
31	SE1960	-.00135	.01375	.00035	.05094	.49644	.00297

#	Element	AD849221	AD849222	AD849223	AD849224	AD849225	AD849226
1	Al3082	.12588	.11694	.11965	.07314	.12219	.12596
2	As1890	.00148	.00349	.00229	.00441	.00214	.00509
3	B_2496	.50826	.05452	.20575	.05210	.30528	.09891
4	Ba4934	.04801	.10026	.52001	.09794	.03155	.01563
5	Be3130	.00002	-.00002	.00001	.00001	.00003	.00005
6	Ca3179	87.906	15.363	108.90	114.13	108.00	241.75
7	Cd2265	.00008	-.00002	.00015	-.00002	.00017	.00018
8	Co2286	.00091	.00076	.00067	.00092	.00324	.00125
9	Cr2677	.00118	.00170	.00036	.00011	.00039	.00065
10	Cu3247	.00085	.00196	.00078	.00046	.00268	.00104
11	Fe2714	.47698	.01325	4.0354	.32435	.63986	.13398
12	K_7664	8.0724	.88259	6.7736	1.6010	1.6380	2.9758
13	Mg2790	44.306	19.796	84.213	66.996	47.707	120.44
14	Mn2576	.23592	.00185	.03280	.09102	.77948	.08438
15	Mo2020	.07581	.00125	.00235	.01608	.00431	.00752
16	Na3302	120.27	7.7043	42.846	20.544	161.78	37.477
17	Ni2316	.00365	.06697	.01514	.00271	.00471	.00362
18	2203/1	-.00135	-.00016	-.00205	.00123	-.00373	.00012

#	Element	AD849221	AD849222	AD849223	AD849224	AD849225	AD849226
19	2203/2	.00021	.00049	.00042	.00027	.00110	.00062
20	Sb2068	.00020	.00128	-.00067	.00022	.00502	.00217
21	1960/1	-.00809	-.00731	-.00504	-.00330	-.01156	-.00450
22	1960/2	.00498	.00369	.00204	.00218	.00464	.00076
23	Ti3372	.00018	.00036	.00041	.00011	.00026	.00016
24	Tl1908	.00320	.00090	.00004	.00050	-.00061	-.00142
25	V_2924	.00000	.00302	.00002	-.00016	.00004	-.00030
26	Zn2062	.00211	.00458	.00012	.00045	.01426	.00448
27	Sn1899	.00087	.00105	.00245	.00110	-.00024	.00133
28	Ag3280	-.00012	-.00001	-.00017	-.00034	.00002	.00028
29	*Y	4076.29	4115.92	4064.03	4063.84	4030.46	4018.13
30	PB2203	-.00030	.00027	-.00040	.00059	-.00050	.00046
31	SE1960	.00062	.00002	-.00031	.00035	-.00075	-.00099

#	Element	AD849227	AD849228	AD849229	AD849230	CCV	CCB
1	Al3082	.12229	.11904	.11258	.05773	24.583	.00563
2	As1890	.00582	.00105	.00491	.00163	.48640	.00237
3	B_2496	.73220	.12507	.64126	.13945	.49177	-.00019
4	Ba4934	.02526	.03082	.02045	.12622	.49345	.00005
5	Be3130	-.00003	.00000	-.00002	.00003	.49405	.00009
6	Ca3179	20.047	107.95	28.280	130.22	24.549	.00932
7	Cd2265	.00000	.00071	.00006	-.00002	.48873	.00014
8	Co2286	.00063	.00058	.00066	.00019	.48914	.00056
9	Cr2677	.00058	.00406	.00199	.00012	.49124	.00020
10	Cu3247	.00183	.00934	.00121	.00083	.49362	.00025
11	Fe2714	.01225	.01099	.00587	-.01152	24.591	.00495
12	K_7664	1.0213	.94351	1.2335	2.1602	25.006	.01009
13	Mg2790	9.5835	39.447	9.8866	73.003	24.203	.00805
14	Mn2576	.00315	.00826	.04140	.01324	.49072	.00011
15	Mo2020	.20737	.00595	.12695	.01831	.48563	.00175
16	Na3302	84.404	7.9704	60.892	78.320	24.597	.09374
17	Ni2316	.00213	.01155	.00181	.19886	.49120	-.00009
18	2203/1	-.00326	-.00011	-.00018	.00040	.48961	-.00039
19	2203/2	.00052	.00040	.00038	-.00124	.48978	-.00048
20	Sb2068	.00084	-.00144	.00078	.00041	.48093	.00225
21	1960/1	-.00267	-.00117	-.00692	.00005	.49394	-.00344
22	1960/2	.00314	.00340	-.00048	.00459	.48598	.00413
23	Ti3372	-.00001	.00037	.00039	.00018	.48598	.00040
24	Tl1908	-.00082	.00324	-.00204	-.00031	.49262	-.00359
25	V_2924	.00010	.00000	-.00034	-.00055	.48814	.00004
26	Zn2062	.00374	.01603	.00035	.00152	.48867	-.00095
27	Sn1899	.00088	.00109	.00266	.00031	.49790	-.00088
28	Ag3280	-.00032	-.00016	-.00026	-.00003	.49760	.00027
29	*Y	4090.31	4085.63	4085.62	4029.79	4030.54	4029.9
30	PB2203	-.00073	.00023	.00019	-.00069	.48972	-.00045
31	SE1960	.00120	.00188	-.00263	.00308	.48862	.00160

#	Element	AD849231	AD849232	AD8'0/PB	AD8'9/FB	AD849258	AD849259
1	Al3082	.06143	.06039	.07722	10.103	.10292	.09497
2	As1890	.10426	.01897	.00351	.21065	.00250	.00172
3	B_2496	.20057	.60408	.01053	.20982	.01366	.02992
4	Ba4934	.07319	.02029	.00017	.20487	.00058	.04422
5	Be3130	.00001	-.00003	-.00004	.20396	-.00001	.00000
6	Ca3179	113.13	18.782	.16060	10.317	.29795	81.892
7	Cd2265	.00003	.00005	.00022	.20529	.00011	.00005
8	Co2286	.00172	.00082	.00056	.20600	.00047	.00049
9	Cr2677	.00049	.00008	.00029	.19852	-.00009	.00071
10	Cu3247	.00091	.00057	.00060	.20484	.00248	.00177
11	Fe2714	8.9494	.09300	.01357	10.294	.01462	.00627
12	K_7664	3.5453	.87647	.00570	10.408	.00541	3.4733
13	Mg2790	43.852	6.2554	.00467	10.057	.01607	41.589
14	Mn2576	.27704	.02518	.00016	.20180	.00023	.00248
15	Mo2020	.05620	.18710	.00067	.20493	-.00070	.00001
16	Na3302	70.249	85.217	.30823	10.508	.18985	4.4629
17	Ni2316	.00937	.00817	.00052	.20256	.00079	.00087
18	2203/1	-.00361	-.00200	-.00131	.20550	.00007	.00181
19	2203/2	.00145	.00055	.00065	.20411	.00261	.00011
20	Sb2068	-.00328	.00218	.00086	.19787	-.00048	-.00013
21	1960/1	-.00146	-.00378	-.00743	.19435	-.00595	-.00461
22	1960/2	.00526	.00317	.00454	.20174	.00161	.00026
23	Ti3372	.00014	.00029	.00026	.19770	.00051	.00032
24	Tl1908	.00475	.00107	.00059	.20843	.00339	-.00029
25	V_2924	.00043	.00052	.00034	.20379	-.00004	.00065
26	Zn2062	.00422	.00028	-.00015	.20222	.00426	.00698
27	Sn1899	.00158	-.00129	-.00013	.20716	.00035	.00118
28	Ag3280	-.00065	-.00045	-.00006	.05097	-.00022	.00020
29	*Y	4042.46	4076.7	4126.28	4124.18	4113.98	4072.73
30	PB2203	-.00023	-.00030	.00000	.20457	.00177	.00067
31	SE1960	.00302	.00085	.00055	.19927	-.00091	-.00136

#	Element	AD849260	AD8'1:5)	AD8'0/PS	AD8'1/MS	CCV	CCB
1	Al3082	.08994	.01514	7.8944	10.291	24.574	.00483
2	As1890	.00365	.00264	.21067	.21594	.48542	-.00002
3	B_2496	.02876	.00498	.18632	.23556	.49060	.00010
4	Ba4934	.08133	.01636	.23801	.29020	.49148	.00002
5	Be3130	.00001	.00000	.20743	.20549	.49354	.00010
6	Ca3179	64.656	12.998	73.758	75.741	24.562	.00970
7	Cd2265	.00013	.00001	.20465	.20333	.48969	-.00001
8	Co2286	.00078	.00028	.20531	.20521	.48988	.00032
9	Cr2677	.00043	.00007	.19924	.19944	.49120	-.00009
10	Cu3247	.00316	.00056	.20895	.20918	.49261	-.00002
11	Fe2714	2.0181	.41128	12.316	12.339	24.627	.00731
12	K_7664	2.2929	.43003	10.499	13.127	25.032	.00540
13	Mg2790	32.314	6.4740	41.753	42.830	24.302	.01145
14	Mn2576	.25161	.05078	.44856	.45780	.49106	.00004
15	Mo2020	.00012	.00011	.20775	.20763	.48579	.00124
16	Na3302	10.212	2.2095	17.693	20.459	24.594	.07039
17	Ni2316	.00121	-.00014	.20264	.20092	.49170	-.00068
18	2203/1	.00014	.00142	.19731	.20157	.49540	.00004

#	Element	AD849260	AD8'1:5)	AD8'0/PS	AD8'1/MS	CCV	CCB
19	2203/2	-.00104	-.00149	.20114	.20183	.48765	-.00099
20	Sb2068	.00153	-.00102	.20480	.20498	.48029	-.00080
21	1960/1	-.00368	-.00174	.20318	.20125	.50730	.00135
22	1960/2	.00050	-.00257	.20416	.20110	.48170	.00103
23	Ti3372	.00076	.00029	.20152	.19961	.48477	.00006
24	Tl1908	.00210	.00299	.20508	.20432	.49676	.00126
25	V_2924	.00128	.00012	.20844	.20686	.48837	.00000
26	Zn2062	.01033	.00118	.21168	.20897	.49007	-.00103
27	Sn1899	.00269	.00087	.18926	.20725	.49508	.00226
28	Ag3280	-.00002	.00038	.05029	.05191	.49773	-.00030
29	*Y	4074.23	4048.61	4062.38	4065.83	4039.91	4051.65
30	PB2203	-.00064	-.00052	.19986	.20174	.49023	-.00064
31	SE1960	-.00089	-.00230	.20383	.20115	.49023	.00114

#	Element	AD8'2/SD	AD849263	AD849264	AD849265	AD849266	AD849267
1	Al3082	10.174	.10441	.08690	.10218	.09752	.09331
2	As1890	.21061	-.00019	.00170	.00217	.00296	.00029
3	B_2496	.23252	.02448	.05147	.02985	.01834	.04545
4	Ba4934	.28634	.03833	.05789	.05361	.02535	.06403
5	Be3130	.20225	.00001	.00001	.00000	.00000	.00000
6	Ca3179	74.782	82.614	79.808	93.017	73.657	85.421
7	Cd2265	.20102	.00012	.00012	.00005	.00018	-.00003
8	Co2286	.20318	.00028	.00136	.00028	.00071	.00092
9	Cr2677	.19626	.00133	-.00007	.00241	.00149	-.00012
10	Cu3247	.20555	.00121	.00113	.00142	.00319	.00405
11	Fe2714	12.179	.00523	.01816	-.00051	.01745	.13893
12	K_7664	13.036	1.2740	3.3517	2.3292	5.4527	11.115
13	Mg2790	42.439	42.306	38.271	46.494	38.460	45.195
14	Mn2576	.45091	.00899	.27073	.00221	.00210	.08692
15	Mo2020	.20429	.00023	.00098	.00013	.00044	.00092
16	Na3302	20.301	8.3160	37.368	9.9153	5.6832	18.122
17	Ni2316	.19940	.00085	.00289	.00102	.00085	.00246
18	2203/1	.19762	-.00048	-.00032	-.00460	-.00206	-.00038
19	2203/2	.20015	.00027	-.00018	.00252	.00127	-.00105
20	Sb2068	.20271	.00259	.00091	-.00245	.00255	.00057
21	1960/1	.19420	-.00377	-.00693	-.00200	.00124	.00463
22	1960/2	.20405	.00103	.00187	.00224	.00668	.00049
23	Ti3372	.19662	.00001	.00002	.00012	.00017	.00003
24	Tl1908	.20190	-.00119	-.00135	-.00269	.00248	-.00207
25	V_2924	.20401	.00013	.00052	.00091	.00065	.00079
26	Zn2062	.20698	.00386	.00666	.00586	.01071	.01026
27	Sn1899	.20819	.00214	.00127	.00048	-.00065	.00175
28	Ag3280	.05071	-.00033	-.00042	-.00105	-.00027	-.00019
29	*Y	4098.23	4078.39	4067.51	4078.5	4078.35	4054.28
30	PB2203	.19931	.00002	-.00023	.00015	.00016	-.00082
31	SE1960	.20076	-.00056	-.00106	.00082	.00487	.00187

#	Element	AD849268	AD849269	AD849270	AD849271	CCV	CCB
1	Al3082	.09820	.09666	.11729	.09960	24.595	.00814
2	As1890	.00399	.02132	.00268	.00141	.49005	.00018
3	B_2496	.12735	.15287	.05283	.02298	.49222	.00009
4	Ba4934	.04787	.03656	.05878	.03582	.49215	.00007
5	Be3130	.00008	.00006	.00001	.00001	.49407	.00012
6	Ca3179	203.91	171.42	78.364	89.336	24.575	.00537
7	Cd2265	.00007	-.00001	.00015	.00003	.48998	.00016
8	Co2286	.00395	.00037	.00181	.00044	.49084	.00028
9	Cr2677	.00017	-.00011	.00078	.00034	.49168	.00010
10	Cu3247	.00073	.00063	.00068	.00135	.49340	.00045
11	Fe2714	.82757	1.9624	.07440	.09382	24.595	.00944
12	K_7664	2.7671	1.4419	5.2655	4.1028	25.110	.00351
13	Mg2790	63.168	58.770	26.030	20.342	24.291	.00120
14	Mn2576	.25368	.04665	.91103	.05707	.49103	.00006
15	Mo2020	.00286	.00339	.00220	.00118	.48539	.00172
16	Na3302	17.151	21.397	9.2873	2.8364	24.684	-.01348
17	Ni2316	.00551	.00144	.00337	.00195	.49221	.00029
18	2203/1	.00186	.00137	-.00252	-.00187	.49316	-.00114
19	2203/2	-.00165	-.00150	.00049	-.00031	.49331	.00000
20	Sb2068	.00333	-.00044	.00458	.00086	.48135	.00180
21	1960/1	-.00429	-.00178	-.00645	-.00509	.50448	-.00734
22	1960/2	.00122	.00041	.00479	.00627	.49051	.00683
23	Ti3372	.00040	.00054	.00020	.00046	.48610	.00023
24	Tl1908	.00278	-.00146	-.00148	.00039	.49204	-.00057
25	V_2924	.00012	-.00050	.00021	-.00039	.48762	.00013
26	Zn2062	.00347	.00052	.00167	.00316	.49101	-.00069
27	Sn1899	.00109	.00150	.00060	.00114	.49905	.00204
28	Ag3280	.00032	.00005	.00010	-.00036	.49773	-.00023
29	*Y	4036.69	4056.83	4077.6	4073.81	4020.98	4011.41
30	PB2203	-.00048	-.00054	-.00051	-.00083	.49326	-.00037
31	SE1960	-.00061	-.00031	.00104	.00248	.49516	.00210

#	Element	AD849272	AD849273	AD849274	AD849275	AD849276	AD849277
1	Al3082	.11125	.10957	.10588	.09969	.05640	.06076
2	As1890	.00138	.00950	.00257	.03156	.00288	.00354
3	B_2496	.02373	.26316	.05771	.14659	.05794	.09193
4	Ba4934	.01912	.42737	.10662	.04647	.03918	.16149
5	Be3130	.00009	.00012	.00008	.00007	.00006	.00006
6	Ca3179	99.528	165.32	160.38	133.38	180.90	123.62
7	Cd2265	.00016	.00015	.00023	.00016	.00005	.00015
8	Co2286	.00065	.00079	.00090	.00071	.00200	.00085
9	Cr2677	.00085	.00029	.00059	.00015	.00014	.00048
10	Cu3247	.00401	.00028	.00099	.00043	.00385	.00595
11	Fe2714	.01521	1.0988	2.4675	3.5060	.00186	.01215
12	K_7664	6.7398	5.7772	2.5086	1.3797	1.8864	6.7844
13	Mg2790	21.566	50.403	40.359	42.366	68.791	28.619
14	Mn2576	.00026	.14659	.63446	.04902	.11407	.08797
15	Mo2020	.00106	.00968	.00013	.00520	.00276	.00184
16	Na3302	4.5259	H525.47	5.8694	33.551	13.621	5.5214
17	Ni2316	.00145	.00116	.00158	.00087	.01015	.00475
18	2203/1	-.00080	.00188	-.00443	-.00138	-.00380	-.00286

#	Element	AD849272	AD849273	AD849274	AD849275	AD849276	AD849277
19	2203/2	.00028	-.00173	.00274	.00050	.00039	.00114
20	Sb2068	.00247	.00332	.00245	-.00008	-.00013	.00352
21	1960/1	-.00188	-.00149	-.01155	-.00917	-.00356	-.01113
22	1960/2	.00108	.00133	.00469	.00461	.00327	.00176
23	Ti3372	.00050	.00031	.00017	.00032	-.00012	.00010
24	Tl1908	.00036	.00219	.00242	.00256	.00116	.00003
25	V_2924	.00017	-.00026	.00027	-.00031	-.00070	.00004
26	Zn2062	.00229	.00039	.00235	.00033	.00542	.00256
27	Sn1899	.00135	.00144	.00138	.00260	.00019	.00008
28	Ag3280	-.00002	.00009	-.00052	-.00023	-.00069	-.00053
29	*Y	4037.48	3953.78	4041.6	4038.79	4038.6	4030.84
30	PB2203	-.00007	-.00052	.00035	-.00012	-.00099	-.00018
31	SE1960	.00009	.00039	-.00071	.00001	.00099	-.00253

#	Element	AD849278	CCV	CCB	AD8'0/PB	AD8'EBLK	AD8'/LCS
1	Al3082	.06960	24.588	.01382	.05826	.07529	.10804
2	As1890	.03218	.48556	.00070	.00164	.00352	1.0099
3	B_2496	.08458	.49305	.00078	.01115	H.09746	.12204
4	Ba4934	.21238	.48822	.00018	.00006	H.01600	1.0026
5	Be3130	.00002	.49449	.00016	.00003	.00001	.98209
6	Ca3179	58.294	24.573	.00822	.15023	H.85966	1.0662
7	Cd2265	.00008	.49263	.00014	.00022	.00020	1.0071
8	Co2286	.00089	.49164	.00028	.00040	.00050	.95807
9	Cr2677	.00031	.49212	.00005	.00008	.00103	.96463
10	Cu3247	.00038	.49043	.00066	.00097	.00526	1.0112
11	Fe2714	.38491	24.656	.01113	.00490	H.05478	.09688
12	K_7664	1.6651	25.108	.00492	-.00872	.42950	.09294
13	Mg2790	22.173	24.357	.00840	.00306	.16263	.21123
14	Mn2576	.10837	.49132	.00011	.00009	.00089	.98824
15	Mo2020	.00549	.48537	.00131	.00036	.00033	.98793
16	Na3302	8.8739	24.572	.30220	.19800	H1273.7	11.533
17	Ni2316	.00068	.49320	.00023	.00014	.00043	1.0051
18	2203/1	.00044	.49496	-.00047	-.00455	-.00246	.97559
19	2203/2	-.00140	.48849	.00074	.00212	.00034	.97284
20	Sb2068	.00069	.48107	.00307	.00067	.00170	.94465
21	1960/1	-.00072	.50531	-.00831	-.00353	-.00980	1.0310
22	1960/2	.00181	.48888	.00188	.00501	.00273	.99486
23	Ti3372	.00047	.48277	.00056	.00018	.00045	.00143
24	Tl1908	.00111	.49568	.00118	.00117	-.00210	.99435
25	V_2924	.00000	.48620	.00013	.00021	.00043	.98822
26	Zn2062	.00144	.49316	-.00069	.00825	.00431	1.0076
27	Sn1899	-.00168	.49556	.00428	.00023	.00437	.00201
28	Ag3280	.00045	.49769	-.00001	-.00043	-.00010	.99244
29	*Y	4038.56	4050.3	4026.9	4081.61	3839.29	4134.6
30	PB2203	-.00079	.49064	.00033	-.00010	-.00059	.97376
31	SE1960	.00097	.49435	-.00151	.00216	-.00144	1.0069

#	Element	AD8'EBLK	AD8'/LCS	AD8'EBLK	AD849302	AD8'1:5)	AD8'2/PS
1	Al3082	.09668	.04338	.06751	78.445	15.808	78.579
2	As1890	.00223	1.0437	.00278	.04378	.00959	1.0650
3	B_2496	H.10728	.10222	H.12017	H421.95	H92.060	H416.93
4	Ba4934	H.02119	.99582	H.00632	H34.467	7.0645	H35.577
5	Be3130	.00009	.97444	-.00007	.01941	.00414	.98223
6	Ca3179	H.84482	.74020	H1.0118	H626.30	127.33	H624.48
7	Cd2265	.00008	1.0237	.00019	.00733	.00166	.94255
8	Co2286	.00029	.96819	.00103	24.641	5.2194	25.422
9	Cr2677	.00081	.96146	.00060	.05060	.01085	.97649
10	Cu3247	.00433	1.0276	.00441	H62.403	12.453	H63.625
11	Fe2714	.00799	.09048	.01622	14.490	3.0851	14.521
12	K_7664	.42600	.41104	.10682	102.79	19.214	102.93
13	Mg2790	.15359	.15336	H.21329	16.084	3.4897	15.991
14	Mn2576	.00117	.99148	H.00306	H44.744	10.402	H45.478
15	Mo2020	.00206	1.0099	.00409	.04356	.00913	1.0345
16	Na3302	H1297.5	1265.7	H9.5734	H1035.4	230.92	H1036.6
17	Ni2316	.00072	.99809	.00214	H66.831	14.411	H67.925
18	2203/1	-.00006	.99976	.00028	.00677	.00050	.94295
19	2203/2	.00105	.97758	.00018	-.00114	-.00075	.91818
20	Sb2068	.00230	.98443	.00545	10.569	2.1215	11.527
21	1960/1	-.00631	1.0672	-.00380	-.00953	-.01082	1.0209
22	1960/2	.00442	1.0149	.00238	-.00662	-.00245	.96240
23	Ti3372	.00017	.00018	.00135	2.8029	.57267	2.7926
24	Tl1908	.00394	1.0093	-.00128	L-.02548	-.00473	.93882
25	V_2924	.00002	.98976	.00021	.00802	.00153	.97645
26	Zn2062	H.01022	1.0350	.00785	H109.67	H29.171	H108.80
27	Sn1899	.00184	.00162	.00458	.03055	.00801	.03436
28	Ag3280	-.00033	1.0108	.00035	.02161	.00467	1.0657
29	*Y	3834.04	3882.15	4137.26	3895.39	3965.48	3867.79
30	PB2203	.00068	.98497	.00022	.00148	-.00033	.92643
31	SE1960	.00084	1.0323	.00031	-.00759	-.00524	.98187

#	Element	AD8'3/MS	CCV	CCB	AD8'4/SD	AD849307	AD849631
1	Al3082	77.806	24.650	.00735	78.427	27.294	.30633
2	As1890	1.0314	.48838	.00125	1.0441	.02818	.00758
3	B_2496	H412.92	Q.99593	H.27009	H413.78	H171.38	1.0156
4	Ba4934	H35.301	.49317	.00036	H35.484	6.6225	.31696
5	Be3130	.95686	.49474	.00015	.96535	.00487	.00272
6	Ca3179	H616.51	24.662	.01074	H625.56	87.715	45.872
7	Cd2265	.92857	.49302	-.00010	.93496	.00346	.00983
8	Co2286	25.255	.49168	.00005	25.402	5.0139	.04436
9	Cr2677	.95885	.49388	-.00036	.96492	.00932	.00640
10	Cu3247	H63.014	.49154	.00047	H63.622	7.0882	.46252
11	Fe2714	14.403	24.681	.00012	14.495	2.6503	6.6039
12	K_7664	102.17	25.328	-.00538	102.55	113.68	28.371
13	Mg2790	15.906	24.515	.00219	16.014	3.3284	20.157
14	Mn2576	H45.223	.49357	.00060	H45.563	11.820	1.2374
15	Mo2020	1.0045	.48631	.00186	1.0092	.08177	.00375
16	Na3302	H1026.3	24.758	.13354	H1035.5	H1634.2	H1218.7
17	Ni2316	H67.533	.50135	.00025	H68.305	12.718	.12558
18	2203/1	.92588	.49458	-.00014	.92768	-.00271	5.2422

#	Element	AD8'3/MS	CCV	CCB	AD8'4/SD	AD849307	AD849631
19	2203/2	.89029	.49109	.00025	.90115	-.00164	5.1123
20	Sb2068	11.380	.48817	.00247	11.419	2.5837	.00771
21	1960/1	1.0136	.49787	.00042	.99892	.00045	-.00312
22	1960/2	.94815	.48610	.00456	.95229	-.00453	.00499
23	Ti3372	2.7411	.48161	.00021	2.7788	3.1002	.00232
24	Tl1908	.90534	.49659	.00078	.91415	-.00940	.00148
25	V_2924	.95860	.48695	-.00057	.96576	.00980	.00164
26	Zn2062	H107.80	.48795	.00096	H108.19	H93.929	2.4070
27	Sn1899	.03311	.49925	.00049	.03111	.01286	.00283
28	Ag3280	1.0420	.49838	-.00064	1.0456	.00598	-.00002
29	*Y	3869.7	3987.04	3994.12	3859.99	3798.49	3909.56
30	PB2203	.90214	.49225	.00011	.90998	-.00200	5.1556
31	SE1960	.96997	.49002	.00318	.96782	-.00287	.00228

#	Element	CCV	CCB
1	Al3082	24.642	.00944
2	As1890	.48533	.00323
3	B_2496	Q.68460	H.12829
4	Ba4934	.48957	.00016
5	Be3130	.49515	.00016
6	Ca3179	24.675	.00635
7	Cd2265	.49280	.00010
8	Co2286	.49120	.00003
9	Cr2677	.49320	-.00012
10	Cu3247	.49337	.00119
11	Fe2714	24.668	-.00057
12	K_7664	25.279	-.01491
13	Mg2790	24.451	.00114
14	Mn2576	.49417	.00020
15	Mo2020	.48563	.00095
16	Na3302	24.735	.18850
17	Ni2316	.50196	.00044
18	2203/1	.49552	-.00344
19	2203/2	.49064	.00192
20	Sb2068	.48270	.00049
21	1960/1	.49956	.00043
22	1960/2	.48303	.00294
23	Ti3372	.48107	.00053
24	Tl1908	.49513	-.00100
25	V_2924	.48593	-.00021
26	Zn2062	.48359	.00031
27	Sn1899	.49746	.00139
28	Ag3280	.49754	-.00068
29	*Y	3994.65	3975.45
30	PB2203	.49226	.00013
31	SE1960	.48854	.00210

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 09/02/08 11:14:28 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 09/02/08 11:09:07

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05875	.00268	.01946	-.00072	.20934	.01600	-.00776
SDev	.01245	.00669	.01333	.00169	.00069	.00134	.00354
%RSD	21.199	249.06	68.485	235.57	.32990	8.3699	45.624
#1	.06756	.00741	.02888	.00048	.20983	.01695	-.01026
#2	.04994	-.00204	.01004	-.00191	.20886	.01505	-.00526

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00060	.00310	.02102	-.00072	-.07653	-.00274	.00227
SDev	.00051	.00473	.00606	.00101	.04639	.00625	.00017
%RSD	84.806	152.31	28.857	141.42	60.612	227.62	7.5165
#1	-.00095	.00645	.02530	-.00143	-.10933	-.00716	.00215
#2	-.00024	-.00024	.01673	.00000	-.04373	.00167	.00239

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	-.00573	.00322	-.03309	-.01611	.01062	.00126	-.02567
SDev	.00034	.01469	.02857	.04339	.01232	.00954	.00927
%RSD	5.9659	456.38	86.328	269.42	115.97	758.93	36.109
#1	-.00549	.01361	-.01289	-.04679	.01934	-.00549	-.03223
#2	-.00597	-.00717	-.05329	.01458	.00191	.00801	-.01912

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.04012	.07392	-.01241	.00131	.00478	-.01122	-.00215
SDev	.00166	.00022	.02249	.00051	.00000	.02566	.00946
%RSD	4.1356	.30193	181.20	38.501	.07347	228.80	440.62
#1	.04130	.07376	.00349	.00167	.00477	-.02936	-.00883
#2	.03895	.07408	-.02832	.00096	.00478	.00693	.00454

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4187	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0734673	--	--	--	--	--	--
#1	4189	--	--	--	--	--	--
#2	4185	--	--	--	--	--	--

Standardization Rpt. 09/02/08 11:19:24 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 09/02/08 11:14:31

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.2686	.46066	1.3526	4.6115	7.4567	10.603	.61743
SDev	.0299	.01071	.0147	.0259	.0312	.007	.00176
%RSD	.36188	2.3242	1.0891	.56165	.41787	.06387	.28478
#1	8.2898	.45309	1.3422	4.6298	7.4788	10.608	.61867
#2	8.2475	.46823	1.3630	4.5932	7.4347	10.598	.61619

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8858	.89849	1.7788	1.3320	.92299	4.6639	1.3357
SDev	.0029	.00039	.0057	.0001	.00003	.0047	.0364
%RSD	.15361	.04294	.31833	.00625	.00351	.10013	2.7263
#1	1.8879	.89876	1.7828	1.3320	.92302	4.6672	1.3615
#2	1.8838	.89822	1.7748	1.3321	.92297	4.6605	1.3100

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.3516	.31556	.32590	.61349	5.4573	.29998	.28237
SDev	.0284	.00409	.00146	.03692	.0803	.00932	.00115
%RSD	2.0980	1.2954	.44675	6.0175	1.4718	3.1078	.40718
#1	1.3315	.31267	.32693	.63960	5.5141	.29339	.28318
#2	1.3716	.31845	.32487	.58739	5.4005	.30658	.28156

Elem	Zn2062	Sn1899	Ag3280
Avge	.19411	1.4084	1.5572
SDev	.00054	.0486	.0127
%RSD	.27724	3.4540	.81639
#1	.19449	1.4428	1.5662
#2	.19373	1.3740	1.5482

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4204	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.0693866	--	--	--	--	--	--
#1	4206	--	--	--	--	--	--
#2	4202	--	--	--	--	--	--

Standardization Rpt. 09/02/08 11:24:21 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 09/02/08 11:19:28

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.037	2.2688	6.6088	22.916	36.281	52.135	3.0733
SDev	.077	.0055	.0060	.038	.081	.083	.0007
%RSD	.18675	.24254	.09050	.16413	.22278	.16014	.02222
#1	40.983	2.2649	6.6045	22.889	36.224	52.076	3.0728
#2	41.091	2.2727	6.6130	22.942	36.338	52.194	3.0738

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.3683	4.3955	8.8465	6.6180	4.5675	23.304	6.5931
SDev	.0108	.0014	.0044	.0035	.0381	.024	.0274
%RSD	.11526	.03122	.04945	.05228	.83395	.10143	.41626
#1	9.3606	4.3946	8.8434	6.6155	4.5406	23.287	6.5737
#2	9.3759	4.3965	8.8496	6.6204	4.5945	23.321	6.6125

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.6566	1.6053	1.6596	2.9259	26.640	1.5311	1.3980
SDev	.0210	.0138	.0056	.0285	.065	.0214	.0014
%RSD	.31556	.86136	.33735	.97381	.24439	1.3991	.09761
#1	6.6714	1.6150	1.6636	2.9057	26.594	1.5160	1.3990
#2	6.6417	1.5955	1.6556	2.9460	26.686	1.5463	1.3970

Elem	Zn2062	Sn1899	Ag3280
Avge	.94576	7.1545	7.7752
SDev	.00004	.0439	.0011
%RSD	.00391	.61371	.01385
#1	.94579	7.1856	7.7759
#2	.94574	7.1235	7.7744

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4178	--	--	--	--	--	--
SDev	8.060948	--	--	--	--	--	--
%RSD	.1929333	--	--	--	--	--	--
#1	4184	--	--	--	--	--	--
#2	4172	--	--	--	--	--	--

Standardization Rpt. 09/02/08 11:29:46 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 09/02/08 11:24:25

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	83.194	4.5986	13.353	46.214	72.193	61.128	104.41
SDev	.169	.0103	.000	.142	.144	.076	.07
%RSD	.20333	.22479	.00005	.30718	.19910	.12449	.06891
#1	83.313	4.6059	13.353	46.315	72.295	61.182	104.36
#2	83.074	4.5913	13.353	46.114	72.091	61.074	104.46

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.1722	18.837	8.8272	17.779	70.254	109.67	13.303
SDev	.0017	.017	.0186	.006	.042	.01	.001
%RSD	.02759	.08963	.21034	.03370	.06048	.00854	.00646
#1	6.1734	18.825	8.8403	17.775	70.224	109.67	13.303
#2	6.1710	18.849	8.8140	17.783	70.284	109.68	13.302

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.2594	2.9286	46.746	13.154	13.329	3.2674	3.3482
SDev	.0616	.0007	.065	.028	.018	.0041	.0227
%RSD	.66575	.02231	.13964	.21325	.13614	.12645	.67896
#1	9.2158	2.9290	46.792	13.174	13.316	3.2645	3.3321
#2	9.3030	2.9281	46.700	13.134	13.342	3.2704	3.3643

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.8857	53.631	3.0937	2.8116	1.8856	14.416	15.749
SDev	.0011	.113	.0236	.0012	.0003	.005	.026
%RSD	.01832	.21012	.76307	.04165	.01836	.03145	.16686
#1	5.8849	53.711	3.0770	2.8108	1.8859	14.419	15.767
#2	5.8864	53.551	3.1104	2.8124	1.8854	14.413	15.730

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4169	--	--	--	--	--	--
SDev	1.484648	--	--	--	--	--	--
%RSD	.0356120	--	--	--	--	--	--
#1	4170	--	--	--	--	--	--
#2	4168	--	--	--	--	--	--

Standardization Report 09/02/08 11:29:46 AM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.607043	-.035475	09/02/08 11:24:25
As1890	189.042	Multiple	Standards	.217963	-.000586	09/02/08 11:24:25
B_2496	249.678	Multiple	Standards	.075353	-.001469	09/02/08 11:24:25
Ba4934	493.409	Multiple	Standards	.021712	.000015	09/02/08 11:24:25
Be3130	313.042	Multiple	Standards	.013853	-.002903	09/02/08 11:24:25
Ca3179	317.933	STD 3	STD BLK	1.00519	-.005560	09/02/08 11:24:25
Cd2265	226.502	Multiple	Standards	.009533	.000065	09/02/08 11:24:25
Co2286	228.616	Multiple	Standards	.162323	.000095	09/02/08 11:24:25
Cr2677	267.716	Multiple	Standards	.053238	-.000166	09/02/08 11:24:25
Cu3247	324.753	Multiple	Standards	.114001	-.002395	09/02/08 11:24:25
Fe2714	271.441	Multiple	Standards	2.81646	.001937	09/02/08 11:24:25
K_7664	766.491	STD 3	STD BLK	1.03567	.023176	09/02/08 11:24:25
Mg2790	279.078	STD 3	STD BLK	.993865	.005048	09/02/08 11:24:25
Mn2576	257.610	Multiple	Standards	.075333	-.000172	09/02/08 11:24:25
Mo2020	202.030	Multiple	Standards	.108280	.000616	09/02/08 11:24:25
Na3302	330.232	STD 3	STD BLK	1.05755	-.004454	09/02/08 11:24:25
Ni2316	231.604	Multiple	Standards	.021348	.000704	09/02/08 11:24:25
2203/1	220.351	Multiple	Standards	.077272	.001230	09/02/08 11:24:25
2203/2	220.352	Multiple	Standards	.073877	-.000789	09/02/08 11:24:25
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.312006	-.000375	09/02/08 11:24:25
1960/1	196.021	Multiple	Standards	.292426	.007484	09/02/08 11:24:25
1960/2	196.022	Multiple	Standards	.170237	-.006823	09/02/08 11:24:25
Ti3372	337.280	Multiple	Standards	.018688	-.001386	09/02/08 11:24:25
Tl1908	190.864	Multiple	Standards	.316837	.003928	09/02/08 11:24:25
V_2924	292.402	Multiple	Standards	.356633	-.000470	09/02/08 11:24:25
Zn2062	206.200	Multiple	Standards	.530732	-.002539	09/02/08 11:24:25
Sn1899	189.989	Multiple	Standards	.069855	.000791	09/02/08 11:24:25
Ag3280	328.068	Multiple	Standards	.063973	.000140	09/02/08 11:24:25

Standardization Readback Report 09/02/08 11:29:46 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000189	-.000189
		STD 1	5.00000	4.98394	.016060
		STD 2	25.0000	24.8758	.124237
		STD 3	50.0000	50.4667	-.466747

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099821	.000179
		STD 2	.500000	.493930	.006070
		STD 3	1.00000	1.00175	-.001748

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100456	-.000456
		STD 2	.500000	.496523	.003477
		STD 3	1.00000	1.00473	-.004726

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100142	-.000142
		STD 2	.500000	.497572	.002428
		STD 3	1.00000	1.00344	-.003441

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100396	-.000396
		STD 2	.500000	.499701	.000299
		STD 3	1.00000	.997198	.002802

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.016002	-.005477
		STD 3	61.4397	61.1277	.311970

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101148	-.001148
		STD 2	.500000	.497075	.002925
		STD 3	1.00000	.995456	.004544

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100318	-.000318
		STD 2	.500000	.498961	.001039
		STD 3	1.00000	1.00198	-.001982

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100232	-.000232
		STD 2	.500000	.498582	.001418
		STD 3	1.00000	1.00269	-.002685

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.100034	-.000034
		STD 2	.500000	.498701	.001299
		STD 3	1.00000	1.00391	-.003910

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000080	.000080
		STD 1	5.00000	5.01180	-.011802
		STD 2	25.0000	24.9177	.082310
		STD 3	50.0000	50.0759	-.075882

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.076532	.020446
		STD 3	72.7834	70.2540	2.52939

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	-.002744	.005065
		STD 3	109.006	109.674	-.667770

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100174	-.000174
		STD 2	.500000	.498379	.001621
		STD 3	1.00000	1.00195	-.001947

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100558	-.000558
		STD 2	.500000	.495188	.004812
		STD 3	1.00000	1.00322	-.003223

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	.003219	-.004269
		STD 3	3.09264	2.92856	.164090

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100265	-.000265
		STD 2	.500000	.498186	.001814
		STD 3	1.00000	.998616	.001384

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.104443	-.004443
		STD 2	.500000	.510689	-.010689
		STD 3	1.00000	1.01764	-.017644

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.099060	.000940
		STD 2	.500000	.490980	.009020
		STD 3	1.00000	.983909	.016091

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000017	-.000017
		STD 1	.100000	.098080	.001920
		STD 2	.500000	.500476	-.000476
		STD 3	1.00000	1.01908	-.019083

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000024	.000024
		STD 1	.100000	.102786	-.002786
		STD 2	.500000	.492794	.007206
		STD 3	1.00000	.986586	.013414

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.097616	.002384
		STD 2	.500000	.491269	.008731
		STD 3	1.00000	.995132	.004868

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100601	-.000601
		STD 2	.500000	.496470	.003530
		STD 3	1.00000	1.00088	-.000883

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.098974	.001026
		STD 2	.500000	.489047	.010953
		STD 3	1.00000	.984133	.015867

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100232	-.000232
		STD 2	.500000	.498104	.001896
		STD 3	1.00000	1.00225	-.002247

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100484	-.000484
		STD 2	.500000	.499409	.000591
		STD 3	1.00000	.998213	.001787

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099174	.000826
		STD 2	.500000	.500572	-.000572
		STD 3	1.00000	1.00782	-.007823

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099758	.000242
		STD 2	.500000	.497541	.002459
		STD 3	1.00000	1.00762	-.007622

CorCoef: 0.99998

Analysis Report Blank Sample 09/02/08 11:35:10 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 09/02/08 11:29:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.594	1.0058	1.0050	1.0060	.99750	50.305	.99755
SDev	.131	.0006	.0011	.0034	.00205	.104	.00023
%RSD	.25815	.05827	.11229	.34168	.20513	.20615	.02323
#1	50.501	1.0062	1.0058	1.0036	.99606	50.232	.99772
#2	50.686	1.0054	1.0042	1.0084	.99895	50.379	.99739
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0038	1.0026	1.0060	50.184	50.435	50.307	1.0031
SDev	.0001	.0007	.0028	.019	.066	.017	.0002
%RSD	.01368	.06787	.27557	.03801	.13097	.03300	.02176
#1	1.0037	1.0021	1.0040	50.170	50.388	50.319	1.0030
#2	1.0039	1.0031	1.0079	50.197	50.481	50.295	1.0033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0067	49.864	1.0019	.99520	1.0017	.99950	1.0142
SDev	.0057	.296	.0020	.00051	.0011	.00056	.0060
%RSD	.56963	.59461	.20345	.05111	.10964	.05634	.59150
#1	1.0026	50.074	1.0004	.99556	1.0009	.99911	1.0184
#2	1.0107	49.655	1.0033	.99484	1.0024	.99990	1.0100
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0240	.99033	1.0261	1.0035	1.0088	1.0049	1.0008
SDev	.0015	.01030	.0038	.0028	.0023	.0000	.0004
%RSD	.15062	1.0406	.37480	.28372	.22322	.00280	.04146
#1	1.0229	.99762	1.0289	1.0015	1.0072	1.0049	1.0005
#2	1.0250	.98304	1.0234	1.0055	1.0104	1.0049	1.0011
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0140	1.0080
SDev	.0013	.0005
%RSD	.12993	.05088
#1	1.0130	1.0083
#2	1.0149	1.0076
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4161	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0573511	--	--	--	--	--	--
#1	4160	--	--	--	--	--	--
#2	4163	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 11:40:34 AM page 1

Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 09/02/08 11:35:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.491	.37359	.37022	.37078	.37084	18.601	.37279
SDev	.064	.00050	.00053	.00133	.00140	.069	.00002
%RSD	.34880	.13275	.14240	.35894	.37719	.37143	.00512
#1	18.445	.37394	.37060	.36984	.36985	18.552	.37280
#2	18.536	.37324	.36985	.37172	.37183	18.650	.37277
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37276	.37180	.36877	18.662	18.902	18.493	.37195
SDev	.00008	.00006	.00093	.016	.038	.002	.00009
%RSD	.02172	.01588	.25363	.08625	.20239	.00883	.02516
#1	.37282	.37184	.36811	18.651	18.929	18.491	.37188
#2	.37271	.37176	.36943	18.674	18.875	18.494	.37202
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37970	18.550	.37255	.37203	.37311	.37275	.37533
SDev	.00062	.088	.00093	.00014	.00291	.00190	.00731
%RSD	.16393	.47639	.24999	.03645	.77992	.50860	1.9478
#1	.38014	18.487	.37189	.37212	.37105	.37141	.37017
#2	.37926	18.612	.37321	.37193	.37517	.37409	.38050
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38145	.37210	.37696	.37374	.37649	.37126	.37599
SDev	.00081	.01053	.00570	.00129	.00459	.00016	.00011
%RSD	.21348	2.8291	1.5128	.34400	1.2186	.04405	.03023
#1	.38203	.36466	.37292	.37283	.37325	.37114	.37608
#2	.38088	.37955	.38099	.37465	.37973	.37137	.37591
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37665	.37062
SDev	.00025	.00010
%RSD	.06621	.02552
#1	.37682	.37056
#2	.37647	.37069
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4208	--	--	--	--	--	--
SDev	8.644449	--	--	--	--	--	--
%RSD	.2054369	--	--	--	--	--	--
#1	4214	--	--	--	--	--	--
#2	4202	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 11:45:58 AM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 09/02/08 11:40:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.00062	.00059	.00011	.00002	.00367	-.00005
SDev	.00093	.00019	.00078	.00019	.00004	.00169	.00005
%RSD	379.44	30.132	131.67	168.75	162.21	46.065	109.58
#1	-.00090	.00076	.00004	-.00002	-.00000	.00248	-.00001
#2	.00041	.00049	.00115	.00024	.00005	.00487	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.00024	.00041	.00059	.00009	.00288	.00002
SDev	.00016	.00031	.00009	.00190	.00471	.00345	.00004
%RSD	26.877	126.15	20.830	319.16	5486.0	119.45	227.82
#1	-.00072	-.00046	.00035	-.00075	-.00324	.00045	-.00001
#2	-.00049	-.00003	.00047	.00194	.00341	.00532	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00320	-.02819	-.00070	-.00051	.00006	-.00013	-.00166
SDev	.00051	.11246	.00040	.00163	.00045	.00024	.00028
%RSD	15.754	398.91	56.838	319.04	724.32	189.23	17.042
#1	.00356	-.10771	-.00099	-.00166	.00038	-.00030	-.00186
#2	.00285	.05133	-.00042	.00064	-.00025	.00004	-.00146
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00098	-.00298	.00010	.00236	-.00021	-.00045
SDev	.00011	.00199	.00142	.00046	.00277	.00012	.00045
%RSD	4904.7	202.90	47.728	474.39	117.62	57.017	101.78
#1	.00008	.00239	-.00398	-.00023	.00431	-.00030	-.00077
#2	-.00007	-.00043	-.00197	.00042	.00040	-.00013	-.00013
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00268	.00001
SDev	.00004	.00034
%RSD	1.3768	3137.5
#1	-.00271	-.00023
#2	-.00265	.00025
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4186	--	--	--	--	--	--
SDev	12.40959	--	--	--	--	--	--
%RSD	.2964775	--	--	--	--	--	--
#1	4194	--	--	--	--	--	--
#2	4177	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 11:51:21 AM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 09/02/08 11:46:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19935	.01152	.02215	.00212	.00201	.49971	.00114
SDev	.00590	.00028	.00032	.00010	.00005	.00176	.00003
%RSD	2.9579	2.4372	1.4407	4.9111	2.4137	.35159	2.7952
#1	.19518	.01172	.02238	.00205	.00197	.49846	.00116
#2	.20352	.01132	.02193	.00219	.00204	.50095	.00111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00356	.00412	.01024	.05272	.49394	.20670	.00306
SDev	.00036	.00010	.00043	.00434	.01078	.00400	.00001
%RSD	10.122	2.2994	4.1933	8.2328	2.1829	1.9346	.29868
#1	.00382	.00419	.00993	.05579	.50156	.20387	.00305
#2	.00331	.00405	.01054	.04965	.48631	.20952	.00307
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01271	1.1362	.00908	.00829	.00307	.00481	.01486
SDev	.00006	.0246	.00063	.00042	.00101	.00053	.00456
%RSD	.46997	2.1672	6.9289	5.0217	32.850	11.117	30.680
#1	.01266	1.1188	.00863	.00858	.00236	.00443	.01164
#2	.01275	1.1536	.00952	.00799	.00379	.00519	.01809
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02032	.02093	.01183	.00485	.02489	.00508	.01065
SDev	.00021	.00498	.00435	.00013	.00216	.00013	.00016
%RSD	1.0196	23.780	36.784	2.6580	8.6803	2.4940	1.5465
#1	.02047	.01741	.00875	.00476	.02337	.00517	.01054
#2	.02017	.02445	.01491	.00494	.02642	.00499	.01077
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00668	.00372
SDev	.00018	.00044
%RSD	2.7268	11.740
#1	.00656	.00403
#2	.00681	.00341
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4183	--	--	--	--	--	--
SDev	4.666974	--	--	--	--	--	--
%RSD	.1115727	--	--	--	--	--	--
#1	4180	--	--	--	--	--	--
#2	4186	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 11:56:43 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 09/02/08 11:51:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.28	.00039	.00267	.00096	.00093	508.87	.00221
SDev	.78	.00012	.00181	.00003	.00002	1.09	.00017
%RSD	.15141	30.109	67.881	3.5755	2.1985	.21472	7.5265
#1	512.73	.00047	.00395	.00098	.00092	508.10	.00209
#2	513.83	.00031	.00139	.00094	.00094	509.64	.00233
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.00313	.00084	196.30	.01389	503.21	.00144
SDev	.00017	.00005	.00011	.10	.01530	.49	.00003
%RSD	80.691	1.6782	12.565	.05268	110.14	.09725	1.9797
#1	.00009	-.00316	.00076	196.23	.02471	503.56	.00142
#2	.00034	-.00309	.00091	196.37	.00307	502.87	.00146
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	-.06295	-.00014	-.01267	.00757	.00083	-.00958
SDev	.00018	.12477	.00001	.00331	.00192	.00017	.00499
%RSD	8.9488	198.19	4.9738	26.156	25.312	21.023	52.092
#1	.00184	-.15118	-.00014	-.01033	.00622	.00071	-.01311
#2	.00209	.02527	-.00013	-.01501	.00893	.00095	-.00605
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	-.00717	-.01078	.00108	-.00601	.00007	-.00509
SDev	.00132	.01316	.00090	.00004	.00353	.00006	.00009
%RSD	167.82	183.56	8.3706	3.6167	58.789	87.854	1.8316
#1	-.00172	-.01648	-.01142	.00105	-.00851	.00003	-.00516
#2	.00015	.00214	-.01014	.00110	-.00351	.00012	-.00503
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00168	.00017
SDev	.00459	.00030
%RSD	273.89	173.24
#1	.00492	.00038
#2	-.00157	-.00004
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3937	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.0794776	--	--	--	--	--	--
#1	3939	--	--	--	--	--	--
#2	3935	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 12:02:06 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 09/02/08 11:56:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.88	.10556	.03515	.50854	.48647	501.52	.96619
SDev	.81	.00187	.00035	.00110	.00101	1.31	.00138
%RSD	.15985	1.7739	1.0064	.21597	.20798	.26047	.14325
#1	507.30	.10424	.03490	.50776	.48576	500.60	.96521
#2	508.45	.10688	.03540	.50932	.48719	502.45	.96717
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48370	.47858	.51426	96.700	.01427	490.63	.47889
SDev	.00035	.00030	.00090	.097	.00688	.14	.00014
%RSD	.07236	.06283	.17551	.10062	48.263	.02909	.02946
#1	.48345	.47879	.51362	96.631	.01914	490.73	.47879
#2	.48394	.47837	.51489	96.769	.00940	490.53	.47899
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	-.14129	.93716	.03777	.05153	.04695	.05132
SDev	.00066	.16916	.00357	.00080	.00001	.00026	.00010
%RSD	33.298	119.73	.38140	2.1217	.02420	.55072	.18563
#1	.00245	-.02167	.93464	.03834	.05152	.04713	.05139
#2	.00151	-.26090	.93969	.03720	.05154	.04676	.05126
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62856	.05738	.04830	.00267	.10155	.50144	.94369
SDev	.00558	.00434	.00203	.00016	.00490	.00031	.00229
%RSD	.88710	7.5577	4.1940	5.8880	4.8241	.06161	.24216
#1	.63250	.06045	.04686	.00256	.10502	.50122	.94208
#2	.62462	.05432	.04973	.00278	.09809	.50166	.94531
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00288	.21160
SDev	.00195	.00009
%RSD	67.847	.04216
#1	.00426	.21154
#2	.00150	.21166
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3938	--	--	--	--	--	--
SDev	5.939801	--	--	--	--	--	--
%RSD	.1508233	--	--	--	--	--	--
#1	3942	--	--	--	--	--	--
#2	3934	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 12:08:58 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 12:03:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.735	.49660	.49172	.49610	.49574	24.720	.49341
SDev	.015	.00118	.00027	.00064	.00089	.013	.00092
%RSD	.05970	.23652	.05526	.12977	.18020	.05058	.18542
#1	24.745	.49577	.49153	.49656	.49637	24.729	.49406
#2	24.724	.49743	.49191	.49565	.49511	24.712	.49276
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49464	.49410	.49634	24.926	25.114	24.305	.49433
SDev	.00104	.00080	.00081	.024	.057	.014	.00086
%RSD	.20952	.16168	.16376	.09582	.22849	.05866	.17330
#1	.49538	.49466	.49691	24.943	25.155	24.315	.49494
#2	.49391	.49353	.49576	24.909	25.074	24.295	.49373
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50040	24.606	.49702	.49148	.49632	.49471	.49660
SDev	.00209	.017	.00106	.00127	.00046	.00073	.00012
%RSD	.41746	.07098	.21432	.25831	.09289	.14761	.02442
#1	.49893	24.618	.49777	.49238	.49664	.49522	.49668
#2	.50188	24.593	.49627	.49058	.49599	.49419	.49651
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50782	.48899	.50040	.49953	.49702	.49411	.49618
SDev	.00412	.00633	.00335	.00122	.00642	.00054	.00292
%RSD	.81050	1.2942	.66868	.24481	1.2912	.10913	.58938
#1	.50491	.48452	.50277	.50040	.49248	.49449	.49825
#2	.51073	.49347	.49804	.49867	.50155	.49372	.49411
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50123	.49541
SDev	.00144	.00101
%RSD	.28637	.20349
#1	.50224	.49612
#2	.50021	.49470
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4164	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.1706478	--	--	--	--	--	--
#1	4159	--	--	--	--	--	--
#2	4169	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 12:14:21 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 12:09:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01400	-.00029	-.00020	.00009	.00003	.01772	-.00003
SDev	.02002	.00232	.00004	.00004	.00002	.02201	.00004
%RSD	142.97	796.42	20.502	42.123	81.197	124.20	125.25
#1	-.00015	-.00193	-.00017	.00011	.00001	.00216	-.00000
#2	.02816	.00135	-.00023	.00006	.00005	.03328	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	-.00008	.00036	.00564	.00909	.01633	.00003
SDev	.00011	.00010	.00007	.00523	.02667	.01101	.00003
%RSD	16.843	118.78	19.994	92.749	293.38	67.452	96.044
#1	-.00057	-.00001	.00031	.00194	.02795	.00854	.00001
#2	-.00072	-.00015	.00041	.00934	-.00977	.02411	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	-.04801	-.00073	.00207	-.00084	.00013	.00163
SDev	.00101	.05077	.00011	.00233	.00283	.00111	.00049
%RSD	54.645	105.75	15.196	112.52	337.12	861.73	29.991
#1	.00256	-.08391	-.00081	.00371	-.00284	-.00066	.00129
#2	.00113	-.01211	-.00065	.00042	.00116	.00091	.00198
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00983	-.00247	.00003	.00253	-.00047	-.00025
SDev	.00087	.00520	.00333	.00018	.00109	.00012	.00018
%RSD	5139.5	52.859	134.96	622.40	43.179	25.566	72.276
#1	.00060	.01351	-.00483	.00015	.00331	-.00055	-.00012
#2	-.00063	.00616	-.00011	-.00010	.00176	-.00038	-.00038
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00038	-.00007
SDev	.00029	.00050
%RSD	77.068	675.81
#1	.00059	.00028
#2	.00017	-.00043
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4182	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.2029146	--	--	--	--	--	--
#1	4176	--	--	--	--	--	--
#2	4188	--	--	--	--	--	--

Analysis Report 09/02/08 12:23:08 PM page 1

Method: TRACE2 Sample Name: AD848920/PB Operator: AH
Run Time: 09/02/08 12:17:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00144	-.00043	.00068	.00008	-.00003	.05961	-.00005
SDev	.00245	.00376	.00077	.00002	.00001	.00100	.00014
%RSD	169.87	876.57	113.36	18.057	21.089	1.6851	295.16
#1	-.00318	-.00309	.00123	.00007	-.00004	.05890	-.00015
#2	.00029	.00223	.00014	.00009	-.00003	.06032	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00066	.00045	.00019	.01615	.03373	.00472	.00013
SDev	.00058	.00003	.00010	.01151	.00189	.00164	.00004
%RSD	86.869	7.7879	53.905	71.254	5.6020	34.857	30.901
#1	-.00107	.00047	.00012	.00801	.03240	.00588	.00010
#2	-.00026	.00042	.00026	.02429	.03507	.00355	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	-.03349	-.00144	.00295	-.00018	.00086	.00068
SDev	.00053	.02373	.00013	.00088	.00034	.00006	.00121
%RSD	37.015	70.855	8.9187	29.750	193.67	7.5534	176.88
#1	.00181	-.01671	-.00135	.00357	-.00042	.00091	-.00017
#2	.00106	-.05027	-.00153	.00233	.00006	.00082	.00154
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00383	-.00089	.00018	.00452	-.00021	.00128
SDev	.00323	.00646	.00505	.00001	.00356	.00012	.00019
%RSD	11568.	168.95	569.57	6.7938	78.784	57.127	14.770
#1	-.00231	.00840	-.00445	.00019	.00200	-.00030	.00115
#2	.00226	-.00074	.00268	.00017	.00704	-.00013	.00142
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	H.04078	.00011
SDev	.00050	.00004
%RSD	1.2271	39.817
#1	H.04042	.00014
#2	H.04113	.00008

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4165	--	--	--	--	--	--
SDev	10.12910	--	--	--	--	--	--
%RSD	.2431905	--	--	--	--	--	--
#1	4172	--	--	--	--	--	--
#2	4158	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848919/CLPSL Operator: AH
Run Time: 09/02/08 12:23:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.716	1.2704	1.2631	2.3066	1.0974	90.352	.97138
SDev	.279	.0021	.0015	.0070	.0037	.377	.00100
%RSD	.31076	.16834	.12038	.30196	.33763	.41774	.10294
#1	89.519	1.2719	1.2621	2.3017	1.0948	90.086	.97067
#2	89.913	1.2689	1.2642	2.3115	1.1001	90.619	.97208
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	148.00	1.6000	1.6300	2.6800	1.3600	112.00	1.2000
Low	62.500	1.0700	.87600	1.8400	.97900	79.900	.85300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2895	2.1242	1.4829	147.97	49.126	43.933	4.7401
SDev	.0019	.0024	.0046	.09	.014	.039	.0023
%RSD	.14694	.11240	.31314	.05863	.02905	.08793	.04752
#1	1.2882	2.1226	1.4796	147.90	49.136	43.906	4.7385
#2	1.2909	2.1259	1.4862	148.03	49.116	43.960	4.7417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.5700	2.5800	1.8100	277.00	67.000	58.600	5.9900
Low	1.0800	1.7900	1.2900	93.600	39.000	38.100	4.2100

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0903	7.9805	1.1684	1.5818	1.5954	1.5908	.90353
SDev	.0060	.1156	.0059	.0004	.0039	.0025	.00154
%RSD	.54709	1.4482	.50195	.02709	.24642	.15586	.17037
#1	1.0860	8.0622	1.1642	1.5821	1.5926	1.5891	.90462
#2	1.0945	7.8988	1.1725	1.5815	1.5981	1.5926	.90245
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.3200	10.100	1.4300			1.9900	1.1600
Low	.89100	5.8900	.95700			1.3700	.72000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61398	.89005	.91029	4.9074	1.4933	1.1566	2.5962
SDev	.00361	.01075	.00307	.0011	.0202	.0009	.0002
%RSD	.58810	1.2075	.33666	.02337	1.3559	.07579	.00655
#1	.61143	.89765	.90812	4.9066	1.4789	1.1560	2.5961
#2	.61653	.88245	.91246	4.9082	1.5076	1.1573	2.5963
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1.6400			7.0700	1.8200	1.4800	3.3400
Low	.00690			1.3500	1.2400	.97800	2.2700

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0530	.81852
SDev	.0003	.00153
%RSD	.03045	.18751
#1	1.0528	.81743
#2	1.0533	.81960
Errors	LC Pass	LC Pass
High	1.3500	1.0800
Low	.82100	.53800

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4469	--	--	--	--	--	--
SDev	10.97776	--	--	--	--	--	--
%RSD	.2456597	--	--	--	--	--	--
#1	4476	--	--	--	--	--	--
#2	4461	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848900 Operator: AH
Run Time: 09/02/08 12:28:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.297	.02298	.05089	.38902	.00227	105.22	.00110
SDev	.330	.00006	.00112	.00357	.00006	.59	.00005
%RSD	.68278	.27802	2.1943	.91760	2.7384	.56268	4.7543
#1	48.530	.02293	.05168	.39154	.00231	105.64	.00114
#2	48.063	.02302	.05010	.38650	.00223	104.81	.00107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03460	.05617	.09902	86.376	10.703	31.153	2.3933
SDev	.00012	.00101	.00063	.181	.018	.097	.0049
%RSD	.34449	1.7981	.63268	.20976	.16867	.31075	.20541
#1	.03468	.05688	.09946	86.505	10.716	31.221	2.3968
#2	.03451	.05545	.09858	86.248	10.690	31.084	2.3898
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00423	1.1883	.06343	.18589	.18425	.18480	-.00151
SDev	.00052	.1056	.00039	.00282	.00123	.00012	.00196
%RSD	12.197	8.8868	.61035	1.5154	.66735	.06381	130.04
#1	.00460	1.1136	.06371	.18390	.18512	.18471	-.00012
#2	.00387	1.2630	.06316	.18788	.18338	.18488	-.00289
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00729	-.00591	1.3803	.00578	.10060	.36871
SDev	.00254	.00222	.00183	.0466	.00069	.00094	.00175
%RSD	35788.	30.475	30.932	3.3738	11.906	.93694	.47356
#1	.00179	.00886	-.00461	1.4132	.00529	.10127	.36995
#2	-.00181	.00572	-.00720	1.3473	.00627	.09994	.36748
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01628	.00028
SDev	.00214	.00005
%RSD	13.145	17.710
#1	.01779	.00024
#2	.01477	.00031
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4548	--	--	--	--	--	--
SDev	15.32675	--	--	--	--	--	--
%RSD	.3370303	--	--	--	--	--	--
#1	4537	--	--	--	--	--	--
#2	4558	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848901 Operator: AH
Run Time: 09/02/08 12:33:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.131	.42654	.06888	1.8091	.00552	150.34	.00804
SDev	.220	.00244	.00051	.0057	.00001	.43	.00001
%RSD	.33202	.57191	.74211	.31394	.16091	.28445	.12095
#1	65.976	.42826	.06852	1.8051	.00551	150.04	.00805
#2	66.286	.42481	.06925	1.8131	.00553	150.65	.00803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05602	.11317	1.2811	161.25	8.8004	55.462	3.2497
SDev	.00019	.00010	.0026	.07	.0196	.011	.0019
%RSD	.34344	.08774	.20530	.04244	.22318	.01907	.05973
#1	.05588	.11324	1.2792	161.30	8.8143	55.469	3.2511
#2	.05615	.11310	1.2829	161.20	8.7865	55.454	3.2484
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01079	1.1810	.14858	4.5608	4.6121	4.5950	.00275
SDev	.00009	.1152	.00032	.0154	.0021	.0065	.00168
%RSD	.83725	9.7566	.21867	.33716	.04515	.14167	61.185
#1	.01085	1.0995	.14835	4.5499	4.6106	4.5904	.00393
#2	.01072	1.2624	.14881	4.5716	4.6135	4.5996	.00156
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01647	.00857	-.00017	1.5703	-.00754	.20588	1.7027
SDev	.00336	.00194	.00155	.0106	.00197	.00036	.0001
%RSD	20.392	22.673	914.02	.67727	26.110	.17690	.00392
#1	.01885	.00995	.00092	1.5778	-.00893	.20563	1.7027
#2	.01410	.00720	-.00126	1.5628	-.00614	.20614	1.7026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.15296	.01035
SDev	.00259	.00006
%RSD	1.6940	.61318
#1	.15113	.01030
#2	.15479	.01039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4575	--	--	--	--	--	--
SDev	11.40210	--	--	--	--	--	--
%RSD	.2492200	--	--	--	--	--	--
#1	4567	--	--	--	--	--	--
#2	4583	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848902 Operator: AH
Run Time: 09/02/08 12:39:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.732	.01484	.03029	.22660	.00120	238.80	.00049
SDev	.007	.00257	.00137	.00010	.00001	.48	.00006
%RSD	.02604	17.315	4.5391	.04431	.82586	.20239	11.902
#1	26.737	.01665	.02932	.22667	.00119	238.46	.00053
#2	26.727	.01302	.03126	.22653	.00121	239.14	.00045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01994	.03817	.08570	52.759	5.9523	48.340	2.5834
SDev	.00026	.00035	.00025	.027	.0450	.039	.0017
%RSD	1.2974	.91486	.29452	.05154	.75553	.08142	.06666
#1	.01975	.03842	.08552	52.739	5.9841	48.312	2.5822
#2	.02012	.03792	.08588	52.778	5.9205	48.368	2.5846
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	1.0758	.04016	.06180	.06172	.06174	-.00060
SDev	.00090	.0173	.00066	.00126	.00025	.00059	.00175
%RSD	41.901	1.6072	1.6454	2.0383	.40980	.95256	289.68
#1	.00279	1.0636	.03969	.06269	.06190	.06216	-.00184
#2	.00151	1.0881	.04062	.06090	.06154	.06133	.00063
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	-.00197	.00008	.99773	.00025	.06148	.15438
SDev	.00286	.00041	.00243	.01074	.00188	.00057	.00006
%RSD	223.00	20.564	3072.9	1.0765	758.65	.92857	.03571
#1	.00331	-.00226	-.00164	1.0053	-.00108	.06189	.15441
#2	-.00074	-.00169	.00179	.99013	.00158	.06108	.15434
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04104	.00018
SDev	.00152	.00060
%RSD	3.6955	335.56
#1	.04211	.00060
#2	.03996	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4405	--	--	--	--	--	--
SDev	8.008122	--	--	--	--	--	--
%RSD	.1817864	--	--	--	--	--	--
#1	4411	--	--	--	--	--	--
#2	4400	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848903 Operator: AH
Run Time: 09/02/08 12:44:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k39.688	k.02119	k.03974	.22717	k.00155	k169.61	k.00261
SDev	.063	.00226	.00385	.00144	.00021	.18	.00283
%RSD	.15796	10.652	9.6976	.63515	13.520	.10557	108.38
#1	39.732	.01959	.03702	.22819	.00170	169.74	.00061
#2	k39.644	k.02278	k.04247	.22615	k.00140	k169.48	k.00461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.01106	k.04665	k.07887	k75.982	7.2772	k45.228	k2.7776
SDev	.02591	.00128	.00025	.051	.0248	.012	.0022
%RSD	234.14	2.7364	.31856	.06723	.34040	.02732	.07874
#1	.02938	.04575	.07905	76.018	7.2597	45.219	2.7792
#2	k-.00725	k.04756	k.07870	k75.946	7.2947	k45.236	k2.7761
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.00280	k1.2315	k.05986	k.05901	k.06887	k.06559	k-.00176
SDev	.00044	.2272	.00013	.00146	.01349	.00851	.00027
%RSD	15.886	18.445	.21624	2.4831	19.593	12.979	15.420
#1	.00248	1.0709	.05977	.06004	.05933	.05957	-.00195
#2	k.00311	k1.3921	k.05995	k.05797	k.07841	k.07161	k-.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	k.01580	k.00191	k-.00359	S17.599	k-.00224	k.07773	k.18215
SDev	.02655	.00316	.00117	22.940	.00079	.00577	.00050
%RSD	168.09	165.68	32.666	130.35	35.170	7.4180	.27380
#1	-.00298	-.00033	-.00276	1.3781	-.00168	.08181	.18250
#2	k.03457	k.00414	k-.00442	S33.820	k-.00279	k.07366	k.18180
Errors	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	k.02920	k.00023
SDev	.00211	.00021
%RSD	7.2184	87.890
#1	.03069	.00009
#2	k.02771	k.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4396	--	--	--	--	--	--
SDev	1.697332	--	--	--	--	--	--
%RSD	.0386124	--	--	--	--	--	--
#1	4395	--	--	--	--	--	--
#2	4397	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848904 Operator: AH
Run Time: 09/02/08 12:50:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.705	.01818	.04727	.24829	.00182	228.20	.00070
SDev	.106	.00057	.00065	.00138	.00002	.27	.00001
%RSD	.25371	3.1293	1.3808	.55456	1.0649	.11822	1.6367
#1	41.780	.01778	.04681	.24926	.00184	228.39	.00070
#2	41.630	.01858	.04773	.24731	.00181	228.01	.00071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02693	.04745	.07759	74.541	7.7255	51.971	2.5634
SDev	.00016	.00012	.00031	.047	.0088	.001	.0018
%RSD	.59240	.24318	.40307	.06340	.11408	.00184	.06990
#1	.02682	.04753	.07781	74.574	7.7193	51.970	2.5647
#2	.02705	.04737	.07737	74.507	7.7317	51.972	2.5621
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00287	1.2293	.05412	.06613	.06187	.06329	-.00274
SDev	.00020	.0866	.00006	.00196	.00054	.00101	.00430
%RSD	6.9911	7.0406	.10280	2.9655	.87342	1.6014	157.28
#1	.00273	1.1681	.05408	.06474	.06149	.06257	-.00578
#2	.00301	1.2905	.05416	.06752	.06225	.06401	.00031
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	-.00064	-.00379	1.5958	-.00154	.08952	.19027
SDev	.00134	.00620	.00336	.0025	.00594	.00013	.00028
%RSD	69.110	973.11	88.612	.15692	385.54	.14404	.14826
#1	-.00288	-.00502	-.00616	1.5975	-.00574	.08961	.19047
#2	-.00099	.00375	-.00141	1.5940	.00266	.08943	.19007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03615	.00004
SDev	.00236	.00015
%RSD	6.5426	419.09
#1	.03782	-.00007
#2	.03448	.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4395	--	--	--	--	--	--
SDev	20.04655	--	--	--	--	--	--
%RSD	.4561061	--	--	--	--	--	--
#1	4381	--	--	--	--	--	--
#2	4409	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848905 Operator: AH
Run Time: 09/02/08 12:55:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.911	.03377	.04500	.48069	.00248	167.13	.00107
SDev	.052	.00368	.00036	.00274	.00001	.65	.00011
%RSD	.11788	10.898	.79686	.56996	.41680	.38759	9.9580
#1	43.875	.03638	.04474	.47876	.00247	166.67	.00100
#2	43.948	.03117	.04525	.48263	.00249	167.59	.00115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03294	.07057	.16980	108.89	8.0608	41.190	5.8383
SDev	.00074	.00028	.00081	.06	.0612	.034	.0007
%RSD	2.2343	.39137	.47664	.05283	.75896	.08209	.01260
#1	.03242	.07037	.16923	108.85	8.1040	41.166	5.8378
#2	.03346	.07076	.17037	108.93	8.0175	41.214	5.8389
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00659	1.2499	.06119	.65027	.64963	.64984	-.00044
SDev	.00063	.1148	.00052	.00746	.00176	.00131	.00028
%RSD	9.6007	9.1847	.84609	1.1477	.27105	.20171	64.946
#1	.00703	1.3310	.06082	.65554	.64839	.65077	-.00064
#2	.00614	1.1687	.06156	.64499	.65088	.64892	-.00024
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00318	-.00225	1.5226	-.00215	.13689	.31785
SDev	.00292	.00532	.00308	.0134	.00515	.00027	.00005
%RSD	326.86	167.13	137.32	.88280	239.93	.19449	.01435
#1	-.00117	.00694	-.00443	1.5131	-.00579	.13670	.31788
#2	.00296	-.00058	-.00007	1.5321	.00149	.13707	.31781
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.09584	.00073
SDev	.00010	.00044
%RSD	.10277	60.547
#1	.09577	.00105
#2	.09591	.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4390	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0942197	--	--	--	--	--	--
#1	4388	--	--	--	--	--	--
#2	4393	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848906 Operator: AH
Run Time: 09/02/08 13:00:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.573	.02282	.05368	.40890	.00208	282.16	.00084
SDev	.032	.00133	.00084	.00097	.00021	.38	.00011
%RSD	.09337	5.8176	1.5644	.23794	10.131	.13321	12.780
#1	34.551	.02376	.05309	.40822	.00223	281.89	.00077
#2	34.596	.02188	.05427	.40959	.00193	282.42	.00092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02798	.06024	.62124	67.499	8.3835	73.801	2.2720
SDev	.00006	.00033	.00209	.068	.0095	.020	.0016
%RSD	.21191	.54936	.33578	.10131	.11305	.02685	.07255
#1	.02802	.06000	.61976	67.451	8.3902	73.787	2.2708
#2	.02794	.06047	.62271	67.548	8.3768	73.815	2.2731
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00735	2.1650	.06150	.40618	.40760	.40713	-.00136
SDev	.00020	.2576	.00026	.00053	.00196	.00149	.00392
%RSD	2.7630	11.901	.42413	.13126	.48162	.36521	287.94
#1	.00721	2.3472	.06168	.40581	.40622	.40608	-.00413
#2	.00750	1.9828	.06131	.40656	.40899	.40818	.00141
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	.00254	-.00331	1.2669	.00034	.08206	.37363
SDev	.00272	.00075	.00550	.0026	.00027	.00028	.00039
%RSD	47.067	29.669	166.15	.20704	79.057	.34382	.10541
#1	.00385	.00201	-.00720	1.2688	.00015	.08226	.37391
#2	.00769	.00307	.00058	1.2651	.00053	.08186	.37335
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.11639	.00584
SDev	.00185	.00008
%RSD	1.5879	1.3897
#1	.11770	.00578
#2	.11509	.00590
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4354	--	--	--	--	--	--
SDev	6.416787	--	--	--	--	--	--
%RSD	.1473916	--	--	--	--	--	--
#1	4358	--	--	--	--	--	--
#2	4349	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848907 Operator: AH
Run Time: 09/02/08 13:06:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.895	.00502	.01441	.16003	.00104	28.706	.00001
SDev	.047	.00138	.00054	.00063	.00001	.013	.00010
%RSD	.23709	27.547	3.7689	.39531	.78832	.04467	744.42
#1	19.929	.00600	.01480	.16047	.00104	28.697	.00009
#2	19.862	.00404	.01403	.15958	.00105	28.715	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01467	.03215	.01560	36.793	3.1560	8.8492	.36627
SDev	.00026	.00011	.00003	.025	.0099	.0062	.00025
%RSD	1.7542	.33003	.19989	.06899	.31364	.06969	.06821
#1	.01485	.03222	.01558	36.811	3.1630	8.8448	.36609
#2	.01449	.03207	.01562	36.775	3.1490	8.8535	.36645
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00299	.90173	.02821	.02060	.01532	.01707	.00005
SDev	.00002	.22748	.00058	.00337	.00036	.00088	.00312
%RSD	.49379	25.228	2.0658	16.353	2.3432	5.1674	6116.4
#1	.00298	1.0626	.02862	.01822	.01557	.01645	-.00216
#2	.00300	.74087	.02780	.02298	.01506	.01770	.00226
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.01018	-.00502	.98126	-.00175	.05008	.09359
SDev	.00051	.00616	.00160	.00430	.00282	.00005	.00013
%RSD	63.340	60.505	31.950	.43778	161.27	.09561	.14210
#1	.00044	.00583	-.00615	.98430	.00025	.05005	.09368
#2	.00116	.01454	-.00388	.97823	-.00374	.05011	.09349
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03479	.00010
SDev	.00009	.00007
%RSD	.26550	74.961
#1	.03486	.00015
#2	.03473	.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4293	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.1383440	--	--	--	--	--	--
#1	4289	--	--	--	--	--	--
#2	4298	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 13:13:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.842	.49777	.49353	.49659	.49610	24.710	.49672
SDev	.085	.00081	.00132	.00135	.00099	.031	.00057
%RSD	.34267	.16234	.26711	.27186	.19936	.12535	.11496
#1	24.902	.49834	.49446	.49755	.49680	24.732	.49713
#2	24.782	.49720	.49260	.49564	.49540	24.688	.49632
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49704	.49642	.49632	25.193	25.288	24.613	.49711
SDev	.00030	.00032	.00142	.034	.051	.028	.00076
%RSD	.05969	.06414	.28596	.13342	.20350	.11503	.15210
#1	.49725	.49665	.49732	25.216	25.324	24.633	.49765
#2	.49683	.49620	.49531	25.169	25.251	24.593	.49658
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50201	24.861	.49900	.49485	.49969	.49808	.49671
SDev	.00215	.075	.00062	.00440	.00007	.00142	.00315
%RSD	.42832	.30349	.12430	.88965	.01417	.28486	.63432
#1	.50049	24.915	.49944	.49796	.49964	.49908	.49894
#2	.50353	24.808	.49856	.49174	.49974	.49707	.49448
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50774	.48636	.50190	.49957	.49703	.49668	.49986
SDev	.00706	.00112	.00529	.00372	.00045	.00158	.00020
%RSD	1.3901	.23047	1.0533	.74548	.08990	.31750	.03917
#1	.50275	.48557	.50563	.50220	.49671	.49779	.50000
#2	.51273	.48715	.49816	.49693	.49734	.49556	.49972
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50654	.49760
SDev	.00198	.00141
%RSD	.38981	.28394
#1	.50793	.49859
#2	.50514	.49660
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4143	--	--	--	--	--	--
SDev	7.583789	--	--	--	--	--	--
%RSD	.1830623	--	--	--	--	--	--
#1	4137	--	--	--	--	--	--
#2	4148	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 01:23:51 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 13:18:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02968	.00007	-.00024	.00028	.00012	.02482	-.00002
SDev	.00113	.00016	.00101	.00002	.00003	.00451	.00009
%RSD	3.8212	223.29	417.46	5.4954	24.795	18.183	512.88
#1	.02888	-.00004	-.00096	.00027	.00010	.02163	-.00008
#2	.03049	.00018	.00047	.00029	.00014	.02801	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00025	.00075	.01221	.00996	.02540	.00008
SDev	.00058	.00059	.00010	.01259	.00301	.00337	.00008
%RSD	209.38	236.67	13.707	103.11	30.232	13.287	92.652
#1	-.00069	-.00017	.00067	.00331	.01209	.02301	.00003
#2	.00013	.00066	.00082	.02111	.00783	.02778	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00288	.18827	-.00004	.00100	-.00082	-.00021	-.00302
SDev	.00029	.00390	.00014	.00036	.00108	.00084	.00002
%RSD	10.221	2.0736	346.74	35.665	131.31	390.66	.64990
#1	.00309	.18551	-.00014	.00075	-.00158	-.00081	-.00301
#2	.00267	.19103	.00006	.00125	-.00006	.00038	-.00303
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00158	.00251	-.00579	.00055	.00615	-.00021	-.00035
SDev	.00407	.00180	.00093	.00013	.00097	.00037	.00037
%RSD	257.45	71.674	16.071	24.659	15.866	176.70	105.70
#1	-.00446	.00124	-.00513	.00045	.00684	-.00047	-.00061
#2	.00130	.00379	-.00644	.00064	.00546	.00005	-.00009
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00077	.00012
SDev	.00042	.00041
%RSD	54.894	347.20
#1	.00106	-.00017
#2	.00047	.00040
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4117	--	--	--	--	--	--
SDev	6.045625	--	--	--	--	--	--
%RSD	.1468383	--	--	--	--	--	--
#1	4121	--	--	--	--	--	--
#2	4113	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848908 Operator: AH
Run Time: 09/02/08 13:23:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.239	.00941	.01724	.18183	.00127	78.221	.00023
SDev	.039	.00018	.00002	.00076	.00000	.072	.00008
%RSD	.14966	1.9320	.11999	.41858	.35108	.09232	34.683
#1	26.267	.00928	.01726	.18236	.00126	78.272	.00017
#2	26.212	.00953	.01723	.18129	.00127	78.170	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01989	.04036	.02611	49.291	4.2070	16.469	.57377
SDev	.00022	.00021	.00002	.076	.0201	.025	.00098
%RSD	1.0920	.52200	.07038	.15475	.47765	.15381	.17093
#1	.02005	.04051	.02612	49.237	4.2212	16.451	.57307
#2	.01974	.04021	.02610	49.345	4.1928	16.487	.57446
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00261	1.0202	.04050	.02409	.02254	.02305	-.00028
SDev	.00177	.1795	.00013	.00015	.00044	.00034	.00109
%RSD	68.024	17.592	.30926	.63634	1.9379	1.4849	394.01
#1	.00135	.89329	.04041	.02420	.02284	.02330	-.00105
#2	.00386	1.1471	.04058	.02398	.02223	.02281	.00050
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	.00135	-.00109	1.2031	.00150	.06576	.12579
SDev	.00132	.00171	.00078	.0025	.00310	.00032	.00038
%RSD	81.611	127.12	71.864	.20844	206.78	.48181	.30185
#1	-.00069	.00014	-.00164	1.2014	.00370	.06598	.12552
#2	-.00256	.00256	-.00054	1.2049	-.00069	.06554	.12606
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03232	-.00013
SDev	.00150	.00052
%RSD	4.6406	395.80
#1	.03338	.00024
#2	.03126	-.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4303	--	--	--	--	--	--
SDev	16.49306	--	--	--	--	--	--
%RSD	.3832843	--	--	--	--	--	--
#1	4291	--	--	--	--	--	--
#2	4315	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848909 Operator: AH
Run Time: 09/02/08 13:29:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.415	.01056	.01484	.15482	.00151	65.579	.00041
SDev	.016	.00211	.00020	.00007	.00000	.045	.00013
%RSD	.06457	19.998	1.3418	.04551	.19305	.06915	31.455
#1	24.426	.00906	.01498	.15487	.00151	65.547	.00050
#2	24.403	.01205	.01469	.15477	.00152	65.611	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02495	.04113	.03114	52.988	3.4596	26.419	.73897
SDev	.00031	.00012	.00018	.024	.0266	.012	.00011
%RSD	1.2393	.30160	.57104	.04481	.76846	.04631	.01455
#1	.02474	.04104	.03101	52.972	3.4784	26.411	.73905
#2	.02517	.04122	.03126	53.005	3.4408	26.428	.73889
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00384	.82141	.05146	.02692	.02238	.02389	-.00152
SDev	.00059	.14375	.00003	.00106	.00004	.00033	.00055
%RSD	15.368	17.501	.05532	3.9283	.16084	1.3735	36.263
#1	.00426	.71976	.05148	.02617	.02240	.02366	-.00113
#2	.00342	.92306	.05144	.02767	.02235	.02412	-.00191
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00020	-.00239	1.1362	.00277	.07238	.14072
SDev	.00038	.00456	.00145	.0014	.00084	.00059	.00026
%RSD	87.237	2234.0	60.827	.12568	30.433	.81142	.18413
#1	-.00017	.00343	-.00341	1.1372	.00337	.07279	.14054
#2	-.00071	-.00302	-.00136	1.1352	.00218	.07196	.14090
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03254	.00027
SDev	.00162	.00012
%RSD	4.9696	42.062
#1	.03368	.00036
#2	.03140	.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4330	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.2424802	--	--	--	--	--	--
#1	4323	--	--	--	--	--	--
#2	4338	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848909/L (1:5) Operator: AH
Run Time: 09/02/08 13:34:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.2594	.00381	.00467	.03342	.00034	14.179	.00001
SDev	.3987	.00253	.00082	.00246	.00003	1.078	.00003
%RSD	7.5815	66.523	17.601	7.3462	8.1264	7.6010	338.61
#1	5.5413	.00202	.00525	.03516	.00036	14.941	.00003
#2	4.9774	.00560	.00409	.03169	.00032	13.417	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00507	.00904	.00667	11.303	.68956	5.6051	.15660
SDev	.00094	.00091	.00079	.716	.06750	.3395	.00974
%RSD	18.508	10.016	11.819	6.3353	9.7888	6.0566	6.2226
#1	.00573	.00968	.00723	11.809	.73729	5.8451	.16349
#2	.00441	.00840	.00612	10.797	.64183	5.3650	.14971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00167	.26626	.01098	.00555	.00521	.00532	-.00095
SDev	.00012	.10926	.00108	.00252	.00172	.00030	.00184
%RSD	7.4194	41.036	9.8649	45.488	32.957	5.7245	193.15
#1	.00158	.18900	.01174	.00377	.00643	.00554	.00035
#2	.00175	.34352	.01021	.00734	.00400	.00511	-.00225
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00126	.00469	-.00378	.24035	.00023	.01497	.02943
SDev	.00106	.00125	.00214	.02164	.00216	.00096	.00208
%RSD	84.243	26.535	56.607	9.0029	958.77	6.4095	7.0815
#1	-.00051	.00558	-.00227	.25565	.00176	.01564	.03090
#2	-.00201	.00381	-.00529	.22504	-.00131	.01429	.02796
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00667	.00025
SDev	.00032	.00003
%RSD	4.7752	12.794
#1	.00689	.00023
#2	.00644	.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4190	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0784687	--	--	--	--	--	--
#1	4188	--	--	--	--	--	--
#2	4192	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848909/PS Operator: AH
Run Time: 09/02/08 13:40:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.987	.38601	.37581	.52225	.36912	81.545	.36726
SDev	.047	.00290	.00159	.00318	.00216	.028	.00280
%RSD	.11214	.75198	.42420	.60827	.58518	.03399	.76319
#1	41.954	.38396	.37468	.52001	.36759	81.525	.36528
#2	42.020	.38806	.37693	.52450	.37064	81.564	.36924
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39396	.39732	.40168	69.549	22.465	43.745	1.0753
SDev	.00295	.00306	.00204	.076	.079	.088	.0026
%RSD	.74868	.76955	.50682	.10922	.34976	.20080	.23882
#1	.39187	.39516	.40024	69.495	22.409	43.683	1.0735
#2	.39604	.39948	.40312	69.603	22.520	43.807	1.0772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37882	19.269	.41290	.38625	.38313	.38417	.36522
SDev	.00582	.103	.00185	.01092	.00108	.00292	.00610
%RSD	1.5359	.53635	.44814	2.8284	.28205	.75931	1.6690
#1	.37471	19.343	.41160	.37852	.38390	.38211	.36091
#2	.38294	19.196	.41421	.39397	.38237	.38623	.36953
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36913	.36116	.36726	1.4707	.36214	.44265	.49652
SDev	.00054	.01630	.00100	.0092	.00106	.00311	.00167
%RSD	.14663	4.5126	.27081	.62214	.29232	.70318	.33665
#1	.36875	.34964	.36656	1.4642	.36288	.44045	.49533
#2	.36951	.37269	.36796	1.4772	.36139	.44485	.49770
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.36522	.10066
SDev	.00243	.00046
%RSD	.66623	.45530
#1	.36350	.10034
#2	.36694	.10098

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4295	--	--	--	--	--	--
SDev	9.652284	--	--	--	--	--	--
%RSD	.2247356	--	--	--	--	--	--
#1	4288	--	--	--	--	--	--
#2	4302	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848910/MS Operator: AH
Run Time: 09/02/08 13:45:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.638	.39367	.38747	.51669	.37519	91.902	.37411
SDev	.168	.00086	.00003	.00274	.00171	.465	.00047
%RSD	.42499	.21919	.00834	.53065	.45537	.50623	.12551
#1	39.518	.39428	.38745	.51475	.37398	91.573	.37378
#2	39.757	.39306	.38749	.51863	.37640	92.231	.37444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39771	.40159	.40841	58.983	22.323	51.660	1.0916
SDev	.00026	.00021	.00060	.076	.014	.100	.0003
%RSD	.06403	.05331	.14790	.12843	.06241	.19315	.02520
#1	.39753	.40144	.40799	58.930	22.333	51.589	1.0914
#2	.39789	.40174	.40884	59.037	22.313	51.730	1.0918
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38264	19.804	.40929	.38939	.39081	.39034	.36040
SDev	.00103	.130	.00349	.00153	.00099	.00015	.00144
%RSD	.26795	.65767	.85252	.39412	.25400	.03869	.39843
#1	.38191	19.712	.40682	.38831	.39151	.39044	.35939
#2	.38336	19.896	.41176	.39048	.39011	.39023	.36142
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31574	.35618	.36252	1.4883	.36960	.43443	.48552
SDev	.00194	.00169	.00300	.0107	.00795	.00048	.00145
%RSD	.61392	.47531	.82765	.71648	2.1508	.10963	.29820
#1	.31437	.35738	.36040	1.4807	.36398	.43477	.48450
#2	.31711	.35498	.36464	1.4958	.37522	.43410	.48655
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.40399	.09563
SDev	.00228	.00055
%RSD	.56321	.57078
#1	.40559	.09524
#2	.40238	.09602
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4271	--	--	--	--	--	--
SDev	1.166657	--	--	--	--	--	--
%RSD	.0273151	--	--	--	--	--	--
#1	4270	--	--	--	--	--	--
#2	4272	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848911/SD Operator: AH
Run Time: 09/02/08 13:50:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.288	.41107	.39908	.58681	.38691	135.83	.38352
SDev	.005	.00299	.00037	.00047	.00010	.03	.00103
%RSD	.00981	.72844	.09287	.08096	.02627	.02573	.26838
#1	50.291	.41319	.39882	.58647	.38699	135.80	.38424
#2	50.284	.40895	.39935	.58714	.38684	135.85	.38279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41511	.43553	.42486	87.183	24.362	63.701	1.5841
SDev	.00151	.00069	.00002	.159	.096	.104	.0038
%RSD	.36287	.15957	.00426	.18197	.39581	.16400	.24119
#1	.41617	.43602	.42488	87.296	24.430	63.775	1.5868
#2	.41404	.43504	.42485	87.071	24.294	63.627	1.5814
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39357	20.843	.43742	.40601	.40831	.40754	.37262
SDev	.00039	.019	.00081	.00207	.00266	.00246	.00242
%RSD	.09881	.08897	.18563	.51065	.65068	.60422	.64857
#1	.39330	20.857	.43799	.40748	.41018	.40928	.37433
#2	.39385	20.830	.43684	.40455	.40643	.40580	.37091
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31631	.36764	.37512	1.6561	.37973	.46648	.51368
SDev	.00298	.00690	.00018	.0163	.00652	.00074	.00006
%RSD	.94227	1.8761	.04703	.98290	1.7178	.15806	.01260
#1	.31842	.37252	.37524	1.6446	.37512	.46700	.51372
#2	.31420	.36276	.37499	1.6676	.38434	.46596	.51363
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.41574	.09799
SDev	.00144	.00050
%RSD	.34668	.51378
#1	.41473	.09764
#2	.41676	.09835
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4258	--	--	--	--	--	--
SDev	20.15254	--	--	--	--	--	--
%RSD	.4732477	--	--	--	--	--	--
#1	4244	--	--	--	--	--	--
#2	4273	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848912 Operator: AH
Run Time: 09/02/08 13:56:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.674	.01024	.03908	.19672	.00172	269.81	.00033
SDev	.193	.00072	.00059	.00056	.00003	1.79	.00000
%RSD	.57256	7.0736	1.5083	.28252	1.9019	.66522	1.3490
#1	33.811	.00973	.03867	.19711	.00174	271.08	.00033
#2	33.538	.01076	.03950	.19632	.00169	268.54	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02296	.06868	.08237	53.977	4.2334	35.930	1.2198
SDev	.00008	.00042	.00082	.379	.0564	.263	.0084
%RSD	.36045	.61822	.99829	.70266	1.3322	.73316	.68763
#1	.02302	.06898	.08295	54.246	4.2733	36.116	1.2258
#2	.02290	.06838	.08179	53.709	4.1935	35.744	1.2139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00645	1.0027	.06641	.03827	.04062	.03984	.00141
SDev	.00116	.0123	.00075	.00127	.00151	.00143	.00550
%RSD	17.987	1.2231	1.1304	3.3235	3.7248	3.5964	390.19
#1	.00727	1.0114	.06694	.03917	.04169	.04085	.00530
#2	.00563	.99406	.06588	.03737	.03955	.03883	-.00248
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00141	.00319	.00052	1.8998	-.00097	.11796	.26819
SDev	.00090	.00559	.00546	.0087	.00274	.00037	.00150
%RSD	64.284	175.59	1044.4	.45627	281.14	.31039	.55881
#1	-.00204	.00714	.00438	1.9059	.00096	.11822	.26925
#2	-.00077	-.00077	-.00334	1.8937	-.00291	.11770	.26713
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01303	-.00001
SDev	.00151	.00030
%RSD	11.572	5434.9
#1	.01409	-.00021
#2	.01196	.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4283	--	--	--	--	--	--
SDev	11.24293	--	--	--	--	--	--
%RSD	.2624951	--	--	--	--	--	--
#1	4275	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848913 Operator: AH
Run Time: 09/02/08 14:01:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.916	.00848	.01491	.17880	.00127	36.266	.00025
SDev	.013	.00273	.00000	.00002	.00000	.003	.00004
%RSD	.05328	32.213	.00387	.00898	.13576	.00945	16.098
#1	24.907	.01041	.01491	.17879	.00127	36.264	.00022
#2	24.926	.00655	.01491	.17881	.00127	36.269	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01660	.03733	.02162	48.916	3.8260	11.564	.47989
SDev	.00001	.00011	.00037	.018	.0223	.006	.00006
%RSD	.04865	.28195	1.7278	.03733	.58321	.05541	.01183
#1	.01661	.03741	.02135	48.929	3.8102	11.559	.47985
#2	.01659	.03726	.02188	48.903	3.8418	11.568	.47993
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00288	.93888	.03310	.02062	.01740	.01847	-.00221
SDev	.00015	.12114	.00013	.00155	.00144	.00148	.00375
%RSD	5.3741	12.903	.38798	7.5350	8.2905	8.0097	169.78
#1	.00277	.85322	.03301	.02172	.01842	.01952	.00044
#2	.00299	1.0245	.03319	.01952	.01638	.01743	-.00486
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	.00498	-.00580	1.1342	-.00360	.06109	.11049
SDev	.00289	.00790	.00168	.0056	.00114	.00021	.00052
%RSD	194.70	158.55	28.870	.49039	31.591	.34143	.47321
#1	-.00352	.01057	-.00462	1.1381	-.00440	.06094	.11012
#2	.00056	-.00060	-.00699	1.1302	-.00279	.06124	.11086
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03276	-.00041
SDev	.00090	.00016
%RSD	2.7385	38.390
#1	.03339	-.00030
#2	.03212	-.00052
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4315	--	--	--	--	--	--
SDev	9.917104	--	--	--	--	--	--
%RSD	.2298199	--	--	--	--	--	--
#1	4308	--	--	--	--	--	--
#2	4322	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848914 Operator: AH
Run Time: 09/02/08 14:07:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.540	.01493	.01596	.14986	.00188	72.844	.00086
SDev	.006	.00027	.00008	.00014	.00000	.095	.00004
%RSD	.02246	1.8145	.49341	.09010	.03428	.13001	4.2876
#1	25.535	.01512	.01601	.14996	.00188	72.777	.00088
#2	25.544	.01474	.01590	.14977	.00188	72.911	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01915	.03914	.02700	65.266	6.8398	12.674	.68600
SDev	.00006	.00044	.00005	.044	.0370	.018	.00080
%RSD	.30110	1.1324	.17288	.06666	.54025	.13941	.11725
#1	.01911	.03883	.02696	65.235	6.8660	12.661	.68543
#2	.01919	.03945	.02703	65.297	6.8137	12.686	.68657
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00277	1.1664	.03675	.04717	.04470	.04552	.00329
SDev	.00124	.1457	.00083	.00335	.00001	.00112	.00165
%RSD	44.857	12.490	2.2667	7.1102	.02425	2.4692	50.039
#1	.00364	1.0634	.03616	.04954	.04471	.04632	.00445
#2	.00189	1.2694	.03734	.04480	.04470	.04473	.00212
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00251	.00348	.00319	1.1020	-.00051	.06915	.18683
SDev	.00095	.00331	.00081	.0016	.00275	.00014	.00041
%RSD	37.999	95.102	25.517	.14131	544.33	.19853	.21789
#1	-.00319	.00581	.00377	1.1009	.00144	.06905	.18655
#2	-.00184	.00114	.00262	1.1031	-.00245	.06925	.18712
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03565	-.00028
SDev	.00270	.00002
%RSD	7.5624	7.5634
#1	.03755	-.00026
#2	.03374	-.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4379	--	--	--	--	--	--
SDev	1.484648	--	--	--	--	--	--
%RSD	.0339071	--	--	--	--	--	--
#1	4380	--	--	--	--	--	--
#2	4378	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848915 Operator: AH
Run Time: 09/02/08 14:12:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.937	.01265	.01772	.16391	.00194	93.026	.00087
SDev	.044	.00103	.00039	.00057	.00000	.119	.00007
%RSD	.17646	8.1394	2.2148	.34897	.01993	.12839	8.1694
#1	24.906	.01192	.01800	.16350	.00194	92.941	.00092
#2	24.969	.01337	.01744	.16431	.00194	93.110	.00082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01856	.03999	.03198	62.562	6.9147	14.763	.75210
SDev	.00008	.00009	.00003	.021	.0414	.006	.00019
%RSD	.42233	.22926	.10810	.03427	.59935	.03855	.02513
#1	.01850	.03993	.03195	62.577	6.9440	14.767	.75223
#2	.01861	.04006	.03200	62.547	6.8854	14.759	.75196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	1.2264	.03829	.06760	.06764	.06763	-.00050
SDev	.00040	.1113	.00027	.00066	.00042	.00006	.00064
%RSD	13.840	9.0758	.71126	.97680	.62468	.09157	129.49
#1	.00263	1.1477	.03848	.06714	.06794	.06767	-.00004
#2	.00320	1.3051	.03810	.06807	.06734	.06758	-.00095
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.00666	-.00407	1.2665	.00287	.07322	.19741
SDev	.00015	.00010	.00091	.0009	.00085	.00023	.00050
%RSD	13.383	1.4417	22.457	.07040	29.670	.30932	.25390
#1	.00103	.00673	-.00343	1.2672	.00347	.07306	.19706
#2	.00124	.00659	-.00472	1.2659	.00227	.07338	.19777
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03638	.00018
SDev	.00140	.00053
%RSD	3.8506	286.12
#1	.03539	-.00019
#2	.03737	.00056
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4365	--	--	--	--	--	--
SDev	.3179909	--	--	--	--	--	--
%RSD	.0072856	--	--	--	--	--	--
#1	4364	--	--	--	--	--	--
#2	4365	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 02:24:35 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 14:19:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.795	.50017	.49228	.49668	.49465	24.637	.49550
SDev	.149	.00489	.00024	.00348	.00237	.115	.00042
%RSD	.60254	.97834	.04785	.70024	.47881	.46654	.08563
#1	24.689	.49671	.49245	.49422	.49298	24.556	.49520
#2	24.900	.50363	.49212	.49914	.49633	24.718	.49580
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49592	.49505	.49538	25.142	25.235	24.561	.49556
SDev	.00033	.00023	.00306	.014	.066	.003	.00005
%RSD	.06564	.04708	.61757	.05379	.26014	.01212	.01061
#1	.49569	.49522	.49321	25.152	25.281	24.563	.49560
#2	.49615	.49489	.49754	25.133	25.189	24.558	.49552
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49901	24.821	.49650	.49327	.49816	.49653	.49670
SDev	.00008	.013	.00217	.00085	.00102	.00097	.00529
%RSD	.01634	.05041	.43804	.17330	.20533	.19474	1.0641
#1	.49895	24.830	.49496	.49267	.49744	.49585	.49296
#2	.49907	24.812	.49804	.49388	.49888	.49722	.50044
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50972	.48989	.50011	.49597	.49381	.49494	.49849
SDev	.00388	.00214	.00900	.00301	.00204	.00003	.00023
%RSD	.76190	.43718	1.7995	.60777	.41296	.00646	.04649
#1	.50697	.49141	.49374	.49384	.49237	.49497	.49865
#2	.51246	.48838	.50647	.49810	.49525	.49492	.49832
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50399	.49662
SDev	.00304	.00039
%RSD	.60270	.07941
#1	.50185	.49690
#2	.50614	.49634
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4132	--	--	--	--	--	--
SDev	4.826142	--	--	--	--	--	--
%RSD	.1167882	--	--	--	--	--	--
#1	4136	--	--	--	--	--	--
#2	4129	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 02:29:58 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 14:24:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02647	.00187	.00064	.00015	.00013	.02572	.00008
SDev	.00471	.00049	.00013	.00002	.00002	.00467	.00007
%RSD	17.801	26.301	19.653	15.425	11.420	18.150	90.590
#1	.02314	.00222	.00072	.00013	.00012	.02242	.00003
#2	.02981	.00152	.00055	.00016	.00014	.02903	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.00008	.00062	.01632	.01084	.02490	.00006
SDev	.00022	.00009	.00023	.00680	.00705	.00195	.00001
%RSD	74.757	115.46	36.789	41.701	65.048	7.8183	23.520
#1	-.00014	.00014	.00079	.01150	.01583	.02627	.00005
#2	-.00046	.00001	.00046	.02113	.00586	.02352	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	.06832	-.00053	.00141	-.00017	.00036	-.00132
SDev	.00122	.05936	.00038	.00198	.00010	.00059	.00001
%RSD	57.924	86.891	72.428	140.28	60.567	165.34	1.0033
#1	.00298	.02634	-.00080	.00281	-.00024	.00078	-.00131
#2	.00125	.11030	-.00026	.00001	-.00010	-.00006	-.00133
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	.00773	-.00584	.00022	.00389	-.00017	-.00054
SDev	.00215	.00327	.00161	.00000	.00205	.00018	.00009
%RSD	259.00	42.243	27.593	1.5950	52.817	111.35	16.141
#1	.00069	.01004	-.00698	.00022	.00534	-.00004	-.00048
#2	-.00235	.00542	-.00470	.00021	.00244	-.00030	-.00060
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00149	.00040
SDev	.00189	.00025
%RSD	127.61	63.666
#1	.00283	.00057
#2	.00015	.00022
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4115	--	--	--	--	--	--
SDev	7.636615	--	--	--	--	--	--
%RSD	.1855653	--	--	--	--	--	--
#1	4121	--	--	--	--	--	--
#2	4110	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD848916 Operator: AH
Run Time: 09/02/08 14:46:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.039	.01145	.01518	.16500	.00165	78.699	.00101
SDev	.037	.00183	.00109	.00007	.00001	.161	.00001
%RSD	.14315	15.977	7.1880	.03999	.31784	.20467	1.2669
#1	26.013	.01274	.01441	.16495	.00165	78.585	.00100
#2	26.066	.01015	.01595	.16505	.00165	78.813	.00102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02056	.04330	.03289	55.904	6.4993	12.914	.71665
SDev	.00018	.00010	.00052	.040	.0347	.023	.00010
%RSD	.87836	.22510	1.5966	.07196	.53387	.17899	.01350
#1	.02043	.04323	.03252	55.932	6.5238	12.931	.71672
#2	.02069	.04336	.03326	55.876	6.4747	12.898	.71658
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	1.0687	.04222	.07593	.07607	.07602	-.00004
SDev	.00035	.0651	.00015	.00175	.00153	.00044	.00245
%RSD	10.019	6.0954	.35946	2.3051	2.0152	.57836	6236.7
#1	.00376	1.1148	.04212	.07716	.07499	.07571	-.00177
#2	.00326	1.0227	.04233	.07469	.07716	.07634	.00169
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00450	-.00231	1.2519	.00492	.06666	.19915
SDev	.00087	.00572	.00081	.0069	.00002	.00007	.00021
%RSD	116.29	126.99	35.224	.55341	.35001	.10635	.10792
#1	.00137	.00046	-.00289	1.2568	.00491	.06671	.19900
#2	.00013	.00854	-.00173	1.2470	.00493	.06661	.19930
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03480	.00043
SDev	.00048	.00004
%RSD	1.3736	9.7705
#1	.03514	.00040
#2	.03446	.00046

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4336	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0635937	--	--	--	--	--	--
#1	4338	--	--	--	--	--	--
#2	4334	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849426/PB Operator: AH
Run Time: 09/02/08 14:51:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07755	.00035	.00953	.00014	-.00002	.17320	-.00007
SDev	.00109	.00099	.00106	.00013	.00001	.00395	.00005
%RSD	1.4030	287.48	11.080	86.190	27.591	2.2823	69.154
#1	.07678	.00105	.01028	.00006	-.00002	.17041	-.00003
#2	.07832	-.00036	.00878	.00023	-.00001	.17600	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00012	.00080	.01780	.00553	.00604	.00013
SDev	.00033	.00006	.00038	.00339	.01280	.00085	.00004
%RSD	152.10	52.040	47.036	19.042	231.67	14.060	31.157
#1	.00002	.00008	.00053	.02020	.01458	.00544	.00015
#2	-.00045	.00016	.00107	.01541	-.00353	.00665	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	-.03597	-.00045	.00051	.00020	.00030	.00008
SDev	.00015	.04746	.00036	.00140	.00121	.00034	.00375
%RSD	14.102	131.93	80.114	274.39	601.55	112.63	4742.3
#1	.00093	-.06953	-.00071	-.00048	.00106	.00055	.00273
#2	.00113	-.00241	-.00020	.00150	-.00066	.00006	-.00257
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	.00496	-.00236	H.00258	.00564	.00017	-.00012
SDev	.00027	.00197	.00463	.00258	.00097	.00006	.00037
%RSD	13.289	39.782	195.98	100.22	17.248	36.758	301.33
#1	.00221	.00636	.00091	.00075	.00633	.00022	.00014
#2	.00183	.00357	-.00564	H.00440	.00496	.00013	-.00038
Errors	LC Pass	NOCHECK	NOCHECK	LC High	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00167	.00020
SDev	.00266	.00004
%RSD	159.76	21.621
#1	-.00022	.00023
#2	.00355	.00017
Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4173	--	--	--	--	--	--
SDev	12.99309	--	--	--	--	--	--
%RSD	.3113804	--	--	--	--	--	--
#1	4164	--	--	--	--	--	--
#2	4182	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849425/FB Operator: AH
Run Time: 09/02/08 14:57:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.236	.21307	.21184	.20679	.20303	10.250	.20591
SDev	.014	.00056	.00025	.00018	.00010	.019	.00044
%RSD	.14023	.26206	.11703	.08663	.05060	.18490	.21463
#1	10.226	.21346	.21201	.20667	.20296	10.237	.20623
#2	10.246	.21267	.21166	.20692	.20310	10.264	.20560
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20636	.19851	.20483	10.474	10.557	10.088	.20298
SDev	.00048	.00015	.00024	.004	.011	.010	.00003
%RSD	.23336	.07321	.11970	.03729	.10836	.10056	.01300
#1	.20670	.19861	.20466	10.476	10.549	10.095	.20296
#2	.20601	.19841	.20501	10.471	10.565	10.081	.20300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20680	10.496	.20298	.20287	.20402	.20364	.19956
SDev	.00058	.169	.00093	.00063	.00169	.00091	.00052
%RSD	.28210	1.6139	.45631	.31119	.82616	.44885	.25879
#1	.20639	10.615	.20233	.20332	.20283	.20299	.19919
#2	.20722	10.376	.20364	.20243	.20521	.20429	.19992
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20552	.20058	.19905	.19733	.20543	.20456	.20352
SDev	.00101	.00287	.00221	.00107	.00253	.00015	.00036
%RSD	.49255	1.4305	1.1100	.54234	1.2332	.07275	.17479
#1	.20623	.20261	.19748	.19808	.20364	.20467	.20378
#2	.20480	.19856	.20061	.19657	.20722	.20446	.20327
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21065	.05070
SDev	.00078	.00061
%RSD	.36908	1.2093
#1	.21120	.05114
#2	.21010	.05027
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4200	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0441993	--	--	--	--	--	--
#1	4201	--	--	--	--	--	--
#2	4198	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849403 Operator: AH
Run Time: 09/02/08 15:02:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31397	.00143	.04163	.02227	.00002	49.749	-.00005
SDev	.00089	.00145	.00046	.00013	.00001	.019	.00001
%RSD	.28436	101.04	1.0985	.59138	28.817	.03820	20.831
#1	.31460	.00041	.04196	.02237	.00002	49.736	-.00004
#2	.31334	.00245	.04131	.02218	.00002	49.762	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.00075	.00317	.16035	1.9432	8.4131	.01260
SDev	.00003	.00014	.00035	.00293	.0100	.0166	.00003
%RSD	7.1974	19.133	10.949	1.8294	.51213	.19673	.26610
#1	-.00038	.00086	.00341	.15828	1.9502	8.4248	.01263
#2	-.00042	.00065	.00292	.16243	1.9361	8.4014	.01258
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00481	18.828	.00074	.00291	-.00044	.00067	.00034
SDev	.00118	.098	.00040	.00012	.00295	.00193	.00008
%RSD	24.464	.51795	53.590	4.0605	670.53	285.67	24.626
#1	.00564	18.897	.00046	.00299	-.00253	-.00069	.00028
#2	.00398	18.759	.00102	.00282	.00165	.00204	.00040
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00537	-.00218	.00471	.00130	.00064	.00588
SDev	.00257	.00238	.00107	.00096	.00040	.00000	.00000
%RSD	1468.2	44.442	49.053	20.417	30.745	.10974	.05943
#1	.00199	.00368	-.00142	.00403	.00159	.00065	.00588
#2	-.00164	.00705	-.00293	.00539	.00102	.00064	.00588
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00053	.00095
SDev	.00037	.00068
%RSD	69.414	72.291
#1	.00027	.00143
#2	.00079	.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4160	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0382440	--	--	--	--	--	--
#1	4161	--	--	--	--	--	--
#2	4159	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849404 Operator: AH
Run Time: 09/02/08 15:07:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33679	-.00145	.03688	.02049	.00003	55.657	.00000
SDev	.00096	.00241	.00057	.00018	.00000	.032	.00002
%RSD	.28488	166.27	1.5512	.86803	6.4629	.05757	377.03
#1	.33612	.00026	.03648	.02061	.00003	55.634	-.00001
#2	.33747	-.00316	.03729	.02036	.00003	55.680	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.00092	.00250	.31123	1.7425	8.5146	.01472
SDev	.00036	.00044	.00027	.00102	.0090	.0019	.00008
%RSD	69.190	48.495	10.937	.32823	.51612	.02249	.54222
#1	-.00078	.00060	.00269	.31195	1.7362	8.5160	.01477
#2	-.00027	.00123	.00231	.31051	1.7489	8.5133	.01466
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00385	14.926	.00122	.00139	-.00060	.00006	-.00163
SDev	.00061	.047	.00012	.00131	.00190	.00084	.00091
%RSD	15.839	.31301	10.148	94.119	317.93	1341.0	55.993
#1	.00342	14.959	.00114	.00231	-.00195	-.00053	-.00228
#2	.00428	14.893	.00131	.00046	.00075	.00065	-.00099
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	.00480	-.00485	.00468	.00334	.00039	.00547
SDev	.00080	.00100	.00087	.00005	.00190	.00049	.00027
%RSD	78.913	20.815	17.976	1.0443	56.948	125.62	4.9402
#1	-.00045	.00409	-.00546	.00472	.00469	.00004	.00527
#2	-.00158	.00550	-.00423	.00465	.00200	.00073	.00566
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00156	.00002
SDev	.00299	.00009
%RSD	192.14	529.86
#1	.00367	-.00005
#2	-.00056	.00008
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4143	--	--	--	--	--	--
SDev	.7423240	--	--	--	--	--	--
%RSD	.0179166	--	--	--	--	--	--
#1	4143	--	--	--	--	--	--
#2	4144	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849405 Operator: AH
Run Time: 09/02/08 15:13:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27614	.00172	.03310	.02332	-.00001	32.494	.00001
SDev	.00084	.00353	.00135	.00002	.00001	.025	.00006
%RSD	.30312	205.76	4.0777	.06510	45.351	.07832	480.82
#1	.27674	.00422	.03215	.02331	-.00001	32.476	.00006
#2	.27555	-.00078	.03405	.02333	-.00002	32.512	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00117	.00152	.21496	1.6057	8.7098	.01630
SDev	.00006	.00001	.00024	.00148	.0081	.0155	.00002
%RSD	37.059	1.0070	15.835	.68855	.50380	.17814	.12745
#1	-.00019	.00118	.00169	.21391	1.6114	8.7208	.01631
#2	-.00011	.00116	.00135	.21600	1.6000	8.6988	.01628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00241	11.639	.00068	.00194	.00248	.00230	-.00162
SDev	.00048	.020	.00012	.00174	.00126	.00026	.00247
%RSD	19.960	.17130	17.693	89.993	50.843	11.354	152.37
#1	.00275	11.653	.00059	.00070	.00337	.00249	-.00337
#2	.00207	11.625	.00076	.00317	.00159	.00212	.00013
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.00863	-.00675	.00692	.00055	.00073	.00077
SDev	.00038	.00342	.00199	.00025	.00038	.00012	.00001
%RSD	29.357	39.670	29.563	3.5908	68.911	17.061	.86063
#1	.00154	.00621	-.00816	.00710	.00082	.00081	.00078
#2	.00101	.01105	-.00534	.00675	.00028	.00064	.00077
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00003	-.00035
SDev	.00022	.00011
%RSD	839.35	30.618
#1	.00018	-.00028
#2	-.00013	-.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4165	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.2037478	--	--	--	--	--	--
#1	4159	--	--	--	--	--	--
#2	4171	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849406 Operator: AH
Run Time: 09/02/08 15:18:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2671	.00055	.03434	.02917	.00005	33.038	.00008
SDev	.0018	.00055	.00014	.00008	.00001	.134	.00006
%RSD	.13909	100.17	.39727	.28523	14.585	.40521	65.790
#1	1.2684	.00093	.03444	.02923	.00004	33.133	.00005
#2	1.2659	.00016	.03424	.02911	.00005	32.943	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00255	.00480	1.3304	1.9539	8.9371	.06743
SDev	.00003	.00030	.00038	.0003	.0285	.0107	.00009
%RSD	21.244	11.615	7.9345	.02352	1.4563	.11992	.13379
#1	.00017	.00234	.00453	1.3306	1.9741	8.9447	.06750
#2	.00012	.00276	.00506	1.3302	1.9338	8.9296	.06737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	11.628	.00178	.00276	.00069	.00138	-.00157
SDev	.00029	.125	.00013	.00022	.00149	.00092	.00072
%RSD	14.234	1.0792	7.0900	8.1203	215.95	66.719	46.048
#1	.00185	11.539	.00169	.00292	-.00036	.00073	-.00106
#2	.00227	11.717	.00187	.00261	.00175	.00203	-.00208
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	.00448	-.00459	.03761	.00199	.00284	.00619
SDev	.00138	.00442	.00113	.00291	.00204	.00000	.00010
%RSD	56.302	98.614	24.519	7.7271	102.52	.12912	1.5933
#1	.00342	.00761	-.00539	.03556	.00343	.00285	.00626
#2	.00147	.00136	-.00380	.03967	.00055	.00284	.00612
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00009	.00024
SDev	.00026	.00014
%RSD	291.65	58.971
#1	.00009	.00034
#2	-.00027	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4162	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.0955748	--	--	--	--	--	--
#1	4159	--	--	--	--	--	--
#2	4164	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849406/L (1:5) Operator: AH
Run Time: 09/02/08 15:23:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25810	-.00004	.00616	.00594	.00005	6.6353	-.00002
SDev	.00433	.00172	.00144	.00001	.00001	.0065	.00007
%RSD	1.6762	4189.4	23.424	.18015	17.241	.09846	416.25
#1	.26116	.00118	.00514	.00595	.00005	6.6307	-.00007
#2	.25504	-.00126	.00718	.00593	.00004	6.6399	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.00055	.00113	.27134	.37235	1.7879	.01343
SDev	.00017	.00008	.00021	.00669	.00847	.0004	.00002
%RSD	47.767	15.085	18.842	2.4659	2.2761	.02065	.13766
#1	-.00047	.00050	.00128	.26661	.37834	1.7881	.01342
#2	-.00023	.00061	.00098	.27607	.36635	1.7876	.01344
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	2.4015	-.00014	.00072	-.00040	-.00002	-.00194
SDev	.00116	.1156	.00025	.00349	.00140	.00023	.00573
%RSD	90.633	4.8152	178.88	485.58	354.95	916.85	295.46
#1	.00046	2.3198	.00004	-.00175	.00060	-.00018	-.00599
#2	.00210	2.4833	-.00032	.00318	-.00139	.00013	.00211
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00272	.00684	-.00633	.00767	.00326	.00053	.00051
SDev	.00024	.00859	.00430	.00027	.00248	.00006	.00028
%RSD	8.8793	125.50	67.887	3.4879	76.191	12.074	54.922
#1	-.00289	.00077	-.00937	.00748	.00150	.00048	.00031
#2	-.00254	.01292	-.00329	.00786	.00502	.00057	.00071
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00175	-.00016
SDev	.00156	.00085
%RSD	88.788	518.03
#1	.00065	-.00077
#2	.00286	.00044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4093	--	--	--	--	--	--
SDev	5.568638	--	--	--	--	--	--
%RSD	.1360573	--	--	--	--	--	--
#1	4097	--	--	--	--	--	--
#2	4089	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849406/PS Operator: AH
Run Time: 09/02/08 15:29:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.225	.21069	.23501	.23047	.20411	42.225	.20478
SDev	.078	.00328	.00122	.00150	.00139	.291	.00029
%RSD	.69135	1.5573	.52055	.65059	.68241	.68993	.14283
#1	11.280	.21301	.23587	.23153	.20510	42.431	.20499
#2	11.170	.20837	.23414	.22941	.20313	42.019	.20458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20556	.19971	.20866	11.727	12.486	18.767	.26903
SDev	.00058	.00078	.00127	.035	.027	.040	.00034
%RSD	.28146	.38983	.61031	.29964	.21631	.21500	.12707
#1	.20597	.20026	.20956	11.752	12.505	18.795	.26927
#2	.20515	.19916	.20776	11.702	12.467	18.738	.26879
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21025	21.596	.20394	.20381	.20045	.20157	.20659
SDev	.00055	.072	.00180	.00071	.00023	.00008	.00543
%RSD	.25901	.33240	.88058	.34847	.11475	.04122	2.6297
#1	.20987	21.647	.20521	.20431	.20029	.20163	.21043
#2	.21064	21.545	.20267	.20331	.20062	.20151	.20275
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20423	.20739	.20619	.23506	.20662	.20821	.20963
SDev	.00026	.00350	.00640	.00481	.00348	.00028	.00018
%RSD	.12481	1.6891	3.1028	2.0456	1.6833	.13410	.08838
#1	.20441	.20987	.21071	.23846	.20908	.20841	.20976
#2	.20405	.20492	.20167	.23166	.20416	.20801	.20949
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19224	.04951
SDev	.00066	.00119
%RSD	.34181	2.3958
#1	.19177	.05034
#2	.19270	.04867
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4168	--	--	--	--	--	--
SDev	21.31920	--	--	--	--	--	--
%RSD	.5115554	--	--	--	--	--	--
#1	4152	--	--	--	--	--	--
#2	4183	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849407/MD Operator: AH
Run Time: 09/02/08 15:39:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2549	-.00128	.03423	.02901	.00003	32.992	-.00004
SDev	.0051	.00042	.00033	.00009	.00001	.086	.00001
%RSD	.40846	33.255	.95716	.31005	48.231	.26049	19.294
#1	1.2585	-.00098	.03446	.02908	.00004	33.053	-.00004
#2	1.2513	-.00158	.03400	.02895	.00002	32.931	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.01481	.00487	1.3704	1.9282	8.8993	.06829
SDev	.00003	.00048	.00015	.0094	.0228	.0264	.00008
%RSD	10.954	3.2683	3.0407	.68686	1.1824	.29628	.11311
#1	.00024	.01515	.00476	1.3771	1.9443	8.9179	.06834
#2	.00021	.01446	.00497	1.3638	1.9120	8.8806	.06823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00434	11.761	.00734	.00319	.00239	.00266	-.00128
SDev	.00030	.031	.00047	.00049	.00268	.00162	.00392
%RSD	6.8493	.26073	6.3591	15.219	111.85	61.052	306.75
#1	.00455	11.740	.00767	.00285	.00429	.00381	.00150
#2	.00413	11.783	.00701	.00354	.00050	.00151	-.00405
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00185	-.00284	.03792	.00257	.00263	.00618
SDev	.00074	.00407	.00792	.00272	.00178	.00018	.00010
%RSD	9613.9	220.26	278.62	7.1815	69.395	6.9994	1.5867
#1	.00052	-.00103	.00276	.03985	.00131	.00276	.00625
#2	-.00053	.00473	-.00845	.03600	.00382	.00250	.00611
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00190	.00009
SDev	.00094	.00003
%RSD	49.358	37.774
#1	.00256	.00011
#2	.00124	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4167	--	--	--	--	--	--
SDev	3.924304	--	--	--	--	--	--
%RSD	.0941859	--	--	--	--	--	--
#1	4164	--	--	--	--	--	--
#2	4169	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 03:51:56 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 15:46:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.818	.49139	.49064	.49697	.49382	24.559	.49199
SDev	.162	.00597	.00128	.00348	.00340	.163	.00090
%RSD	.65362	1.2149	.26176	.69938	.68901	.66316	.18247
#1	24.932	.49561	.49155	.49943	.49623	24.674	.49262
#2	24.703	.48717	.48973	.49451	.49142	24.444	.49136
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49358	.49355	.49664	25.034	25.214	24.454	.49425
SDev	.00197	.00164	.00359	.069	.052	.074	.00139
%RSD	.39828	.33244	.72349	.27637	.20820	.30211	.28082
#1	.49497	.49471	.49918	25.082	25.251	24.507	.49524
#2	.49219	.49239	.49410	24.985	25.177	24.402	.49327
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49752	24.938	.49504	.49225	.49753	.49577	.48952
SDev	.00194	.233	.00353	.00005	.00056	.00035	.00486
%RSD	.38985	.93388	.71370	.01093	.11220	.07149	.99252
#1	.49615	25.102	.49754	.49222	.49792	.49602	.48609
#2	.49889	24.773	.49254	.49229	.49713	.49552	.49296
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50746	.48065	.49396	.49751	.49642	.49358	.49387
SDev	.00035	.00191	.00633	.00365	.00270	.00190	.00216
%RSD	.06874	.39715	1.2822	.73326	.54331	.38417	.43809
#1	.50770	.47930	.48949	.50009	.49451	.49492	.49540
#2	.50721	.48200	.49844	.49493	.49833	.49224	.49234
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50222	.49569
SDev	.00300	.00121
%RSD	.59826	.24321
#1	.50434	.49654
#2	.50009	.49484
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4097	--	--	--	--	--	--
SDev	22.38003	--	--	--	--	--	--
%RSD	.5463108	--	--	--	--	--	--
#1	4081	--	--	--	--	--	--
#2	4112	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 03:57:20 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 15:52:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01973	-.00141	.00044	.00005	.00010	.02190	-.00002
SDev	.00142	.00174	.00010	.00002	.00001	.00067	.00001
%RSD	7.1811	123.11	22.403	29.069	12.027	3.0355	50.731
#1	.02073	-.00018	.00037	.00006	.00010	.02237	-.00001
#2	.01873	-.00264	.00051	.00004	.00009	.02143	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00071	-.00028	.00003	.00948	.01210	.02227	.00003
SDev	.00008	.00016	.00015	.00196	.00836	.00102	.00003
%RSD	11.358	56.320	480.94	20.659	69.095	4.5750	89.981
#1	-.00066	-.00039	.00013	.01086	.01801	.02299	.00005
#2	-.00077	-.00017	-.00007	.00809	.00619	.02155	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	-.09884	-.00095	.00370	-.00093	.00061	-.00026
SDev	.00053	.01388	.00021	.00302	.00238	.00259	.00180
%RSD	20.977	14.044	21.891	81.776	255.62	424.09	688.21
#1	.00289	-.10866	-.00109	.00583	.00075	.00244	-.00154
#2	.00214	-.08903	-.00080	.00156	-.00261	-.00122	.00101
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00119	.00723	-.00401	-.00003	.00449	-.00055	-.00093
SDev	.00169	.00156	.00192	.00014	.00148	.00025	.00028
%RSD	142.21	21.563	47.958	541.74	32.899	44.242	30.106
#1	-.00239	.00613	-.00537	.00007	.00553	-.00038	-.00073
#2	.00001	.00834	-.00265	-.00012	.00344	-.00073	-.00112
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00113	.00002
SDev	.00031	.00032
%RSD	27.694	1330.8
#1	.00135	.00025
#2	.00091	-.00020
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4113	--	--	--	--	--	--
SDev	12.67475	--	--	--	--	--	--
%RSD	.3081884	--	--	--	--	--	--
#1	4104	--	--	--	--	--	--
#2	4122	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849408/MS Operator: AH
Run Time: 09/02/08 15:57:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.284	.21625	.23830	.23577	.20562	43.528	.20592
SDev	.021	.00020	.00005	.00066	.00046	.083	.00010
%RSD	.18664	.09457	.02096	.28012	.22440	.18965	.04892
#1	11.269	.21610	.23833	.23530	.20529	43.469	.20599
#2	11.299	.21639	.23826	.23623	.20594	43.586	.20585
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20867	.20247	.21281	11.812	12.620	19.143	.27274
SDev	.00013	.00049	.00013	.011	.030	.011	.00055
%RSD	.05975	.24399	.06108	.09413	.23692	.05562	.20328
#1	.20876	.20212	.21290	11.820	12.599	19.150	.27313
#2	.20858	.20282	.21271	11.805	12.641	19.135	.27235
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21024	22.086	.20629	.20414	.20709	.20611	.19888
SDev	.00313	.190	.00083	.00178	.00106	.00012	.00538
%RSD	1.4890	.86097	.40060	.86996	.51232	.05640	2.7047
#1	.20803	21.951	.20571	.20289	.20784	.20619	.20268
#2	.21246	22.220	.20688	.20540	.20634	.20602	.19508
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21298	.20393	.19636	.23388	.20659	.20988	.20913
SDev	.00158	.00392	.00611	.00140	.00307	.00015	.00056
%RSD	.74078	1.9213	3.1115	.60082	1.4856	.07232	.26936
#1	.21409	.20670	.20068	.23289	.20442	.20999	.20953
#2	.21186	.20116	.19204	.23488	.20876	.20977	.20873
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21280	.05156
SDev	.00246	.00093
%RSD	1.1569	1.7934
#1	.21454	.05091
#2	.21106	.05221
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4145	--	--	--	--	--	--
SDev	17.34172	--	--	--	--	--	--
%RSD	.4184160	--	--	--	--	--	--
#1	4157	--	--	--	--	--	--
#2	4132	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849409 Operator: AH
Run Time: 09/02/08 16:02:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16828	-.00071	.01402	.01873	.00000	10.439	-.00011
SDev	.00003	.00129	.00055	.00002	.00001	.004	.00003
%RSD	.01997	181.19	3.8854	.10541	610.18	.04264	25.511
#1	.16826	-.00163	.01441	.01875	-.00001	10.442	-.00013
#2	.16830	.00020	.01364	.01872	.00001	10.435	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	.00579	.00181	.06221	.46881	8.0138	.00069
SDev	.00033	.00023	.00017	.00060	.01932	.0064	.00002
%RSD	66.618	4.0577	9.2556	.95913	4.1216	.08004	2.0884
#1	-.00026	.00563	.00170	.06263	.48247	8.0183	.00070
#2	-.00073	.00596	.00193	.06179	.45515	8.0092	.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	4.8665	.00047	.00113	-.00109	-.00035	-.00062
SDev	.00020	.1047	.00042	.00102	.00016	.00045	.00074
%RSD	18.888	2.1505	89.893	90.016	15.015	128.30	119.42
#1	.00093	4.9405	.00017	.00185	-.00097	-.00003	-.00010
#2	.00122	4.7925	.00076	.00041	-.00120	-.00067	-.00115
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00868	-.00527	.00247	.00068	.00976	.00228
SDev	.00136	.00430	.00327	.00005	.00192	.00029	.00026
%RSD	2259.4	49.584	61.958	2.0479	283.63	2.9351	11.571
#1	.00090	.00564	-.00296	.00243	-.00068	.00956	.00209
#2	-.00102	.01172	-.00759	.00250	.00204	.00997	.00246
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00083	.00016
SDev	.00046	.00025
%RSD	54.861	155.27
#1	-.00116	-.00002
#2	-.00051	.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4129	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1849468	--	--	--	--	--	--
#1	4124	--	--	--	--	--	--
#2	4135	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849410 Operator: AH
Run Time: 09/02/08 16:08:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14726	.00067	.01399	.00134	-.00000	8.6048	-.00018
SDev	.00142	.00054	.00013	.00003	.00000	.0041	.00013
%RSD	.96581	79.868	.90859	2.2835	102.22	.04741	71.462
#1	.14826	.00029	.01390	.00132	-.00001	8.6019	-.00027
#2	.14625	.00106	.01408	.00136	-.00000	8.6077	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.00261	.00505	.05090	.31160	12.806	.00102
SDev	.00011	.00006	.00041	.00285	.00229	.023	.00004
%RSD	26.444	2.1719	8.2011	5.6005	.73448	.17964	3.8717
#1	-.00049	.00257	.00476	.05292	.31321	12.790	.00099
#2	-.00034	.00265	.00535	.04889	.30998	12.822	.00105
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	2.8107	.00051	.00457	-.00192	.00024	-.00030
SDev	.00009	.1156	.00020	.00003	.00169	.00112	.00509
%RSD	4.8569	4.1126	38.418	.65029	87.914	471.19	1695.9
#1	.00195	2.7290	.00065	.00455	-.00073	.00103	.00330
#2	.00182	2.8925	.00037	.00459	-.00312	-.00055	-.00390
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00149	.00939	-.00514	.00143	.00054	.00104	.01259
SDev	.00051	.00439	.00544	.00057	.00018	.00006	.00019
%RSD	34.045	46.802	105.69	40.142	33.029	5.9593	1.5281
#1	-.00113	.01249	-.00130	.00102	.00067	.00099	.01245
#2	-.00185	.00628	-.00899	.00183	.00042	.00108	.01272
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00053	.00045
SDev	.00008	.00017
%RSD	15.838	38.978
#1	.00059	.00033
#2	.00047	.00057
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4140	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.0730088	--	--	--	--	--	--
#1	4142	--	--	--	--	--	--
#2	4138	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849411 Operator: AH
Run Time: 09/02/08 16:13:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09268	.00128	.02165	.01720	.00001	16.384	-.00023
SDev	.00250	.00202	.00098	.00010	.00002	.069	.00010
%RSD	2.7021	157.93	4.5364	.59577	246.96	.41946	42.410
#1	.09445	.00271	.02234	.01727	.00002	16.432	-.00016
#2	.09091	-.00015	.02095	.01712	-.00001	16.335	-.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.02737	.00233	.00462	.18346	32.763	.00474
SDev	.00047	.00002	.00033	.00387	.01782	.103	.00002
%RSD	590.60	.06159	14.103	83.659	9.7148	.31572	.34854
#1	.00041	.02735	.00256	.00736	.19606	32.836	.00475
#2	-.00025	.02738	.00210	.00189	.17085	32.690	.00472
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	5.1323	.05266	.00054	-.00108	-.00054	-.00167
SDev	.00123	.2514	.00084	.00043	.00150	.00115	.00178
%RSD	81.229	4.8993	1.6032	78.289	139.10	212.12	106.11
#1	.00238	5.3101	.05325	.00024	-.00215	-.00135	-.00042
#2	.00064	4.9545	.05206	.00085	-.00002	.00027	-.00293
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00276	.00659	-.00581	.00014	.00052	.00433	.00028
SDev	.00145	.00095	.00219	.00010	.00189	.00008	.00001
%RSD	52.768	14.386	37.726	74.826	361.74	1.8040	3.3329
#1	.00379	.00726	-.00426	.00021	.00186	.00438	.00029
#2	.00173	.00592	-.00736	.00006	-.00081	.00427	.00027
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00254	.00007
SDev	.00452	.00036
%RSD	177.61	515.92
#1	-.00065	.00033
#2	.00574	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4128	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.3365629	--	--	--	--	--	--
#1	4119	--	--	--	--	--	--
#2	4138	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849412 Operator: AH
Run Time: 09/02/08 16:18:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16458	.00094	.01335	.03368	-.00001	12.741	-.00020
SDev	.00418	.00094	.00000	.00001	.00001	.024	.00002
%RSD	2.5422	100.28	.01623	.03615	71.892	.18954	8.7654
#1	.16163	.00161	.01335	.03367	-.00000	12.758	-.00019
#2	.16754	.00027	.01335	.03369	-.00001	12.724	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00388	.00386	.05222	.95137	8.2130	.00120
SDev	.00011	.00006	.00019	.00192	.01649	.0078	.00004
%RSD	36.142	1.6572	5.0225	3.6751	1.7331	.09449	3.2283
#1	-.00038	.00384	.00400	.05357	.96303	8.2185	.00118
#2	-.00023	.00393	.00373	.05086	.93971	8.2075	.00123
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	5.0221	.00017	.00160	.00090	.00113	.00044
SDev	.00046	.1642	.00016	.00088	.00078	.00023	.00208
%RSD	80.196	3.2702	90.265	55.165	86.704	20.071	472.80
#1	.00090	4.9059	.00006	.00098	.00146	.00130	-.00103
#2	.00025	5.1382	.00029	.00222	.00035	.00097	.00191
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00253	.00373	-.00121	.00243	.00212	.01450	.00304
SDev	.00016	.00250	.00186	.00043	.00091	.00006	.00009
%RSD	6.3493	67.024	154.48	17.683	43.113	.40906	3.0104
#1	-.00242	.00196	-.00252	.00212	.00276	.01454	.00298
#2	-.00264	.00550	.00011	.00273	.00147	.01445	.00311
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00054	-.00022
SDev	.00050	.00011
%RSD	92.231	50.426
#1	-.00019	-.00014
#2	-.00090	-.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4134	--	--	--	--	--	--
SDev	.5835012	--	--	--	--	--	--
%RSD	.0141133	--	--	--	--	--	--
#1	4135	--	--	--	--	--	--
#2	4134	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849413 Operator: AH
Run Time: 09/02/08 16:24:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08564	.00147	.01274	.02544	-.00001	32.724	-.00019
SDev	.00261	.00145	.00020	.00002	.00001	.016	.00012
%RSD	3.0520	98.585	1.5851	.06140	181.62	.04951	62.138
#1	.08379	.00250	.01288	.02545	-.00001	32.735	-.00028
#2	.08748	.00045	.01260	.02543	.00000	32.712	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	.00053	.00214	.04566	.47575	22.149	.01444
SDev	.00025	.00028	.00023	.00718	.00124	.014	.00002
%RSD	7.1815	53.499	10.756	15.724	.26145	.06428	.11568
#1	.00326	.00033	.00198	.04058	.47487	22.139	.01443
#2	.00361	.00072	.00231	.05074	.47663	22.159	.01446
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	9.2746	.02753	.00175	-.00162	-.00050	.00225
SDev	.00055	.1476	.00018	.00105	.00103	.00034	.00049
%RSD	45.456	1.5913	.65527	60.142	63.526	67.472	21.588
#1	.00083	9.1702	.02766	.00101	-.00089	-.00026	.00191
#2	.00161	9.3789	.02741	.00250	-.00235	-.00074	.00259
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00817	-.00071	.00026	.00233	.01231	.00252
SDev	.00152	.00349	.00102	.00030	.00218	.00017	.00009
%RSD	259.31	42.726	142.49	114.94	93.592	1.4211	3.4623
#1	.00166	.00570	.00001	.00005	.00079	.01219	.00246
#2	-.00049	.01064	-.00143	.00048	.00388	.01243	.00258
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00116	-.00000
SDev	.00095	.00083
%RSD	82.069	180030.
#1	.00049	-.00059
#2	.00184	.00059
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4144	--	--	--	--	--	--
SDev	2.545654	--	--	--	--	--	--
%RSD	.0614313	--	--	--	--	--	--
#1	4142	--	--	--	--	--	--
#2	4146	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849414 Operator: AH
Run Time: 09/02/08 16:29:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29861	-.00021	.01398	.01187	-.00000	10.323	-.00022
SDev	.00468	.00031	.00063	.00007	.00000	.024	.00007
%RSD	1.5671	147.21	4.5239	.63281	108.13	.22836	31.302
#1	.29530	.00001	.01442	.01182	-.00001	10.306	-.00027
#2	.30192	-.00044	.01353	.01192	-.00000	10.339	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	.01445	.00170	.11766	.22696	10.387	.00685
SDev	.00025	.00022	.00022	.00176	.00879	.011	.00006
%RSD	102.89	1.5146	12.853	1.4982	3.8725	.10891	.79669
#1	-.00007	.01430	.00155	.11890	.22075	10.395	.00689
#2	-.00042	.01461	.00186	.11641	.23318	10.379	.00681
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	5.1464	.00141	-.00021	.00005	-.00004	-.00053
SDev	.00007	.0282	.00039	.00027	.00062	.00032	.00040
%RSD	8.6124	.54841	27.602	124.62	1207.9	867.41	75.284
#1	.00090	5.1264	.00113	-.00003	-.00039	-.00027	-.00025
#2	.00080	5.1663	.00169	-.00040	.00049	.00019	-.00082
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00600	-.00380	.00578	.00230	.01171	.00231
SDev	.00122	.00179	.00029	.00004	.00026	.00038	.00001
%RSD	132.99	29.888	7.7098	.65728	11.154	3.2488	.28141
#1	.00178	.00726	-.00401	.00580	.00212	.01144	.00230
#2	.00005	.00473	-.00359	.00575	.00248	.01198	.00231
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00149	-.00011
SDev	.00209	.00014
%RSD	139.88	123.41
#1	.00297	-.00001
#2	.00002	-.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4158	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.1352029	--	--	--	--	--	--
#1	4162	--	--	--	--	--	--
#2	4154	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849415 Operator: AH
Run Time: 09/02/08 16:35:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11521	.00107	.01447	.02698	-.00000	9.8186	-.00016
SDev	.00381	.00234	.00047	.00009	.00001	.0037	.00001
%RSD	3.3063	218.81	3.2206	.32796	358.66	.03729	4.1140
#1	.11791	-.00058	.01414	.02692	.00000	9.8160	-.00016
#2	.11252	.00272	.01480	.02704	-.00001	9.8212	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	.00371	.00146	.03528	.39054	7.1401	.01805
SDev	.00008	.00002	.00064	.00293	.00915	.0004	.00002
%RSD	23.127	.63926	44.030	8.2937	2.3418	.00495	.09460
#1	-.00030	.00373	.00191	.03321	.39701	7.1403	.01804
#2	-.00042	.00370	.00100	.03735	.38407	7.1398	.01806
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	4.0297	.00074	.00112	-.00037	.00013	.00289
SDev	.00052	.0088	.00001	.00322	.00127	.00023	.00036
%RSD	46.538	.21795	1.0327	286.89	346.10	175.54	12.504
#1	.00075	4.0359	.00073	-.00115	.00053	-.00003	.00315
#2	.00148	4.0234	.00074	.00340	-.00126	.00029	.00264
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	.01285	-.00208	.00073	.00317	.00886	.00260
SDev	.00286	.00110	.00001	.00008	.00263	.00011	.00019
%RSD	387.58	8.5315	.24765	11.093	82.876	1.2762	7.1714
#1	-.00276	.01362	-.00209	.00079	.00504	.00894	.00247
#2	.00128	.01207	-.00208	.00067	.00131	.00878	.00273
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00098	.00011
SDev	.00258	.00022
%RSD	264.18	202.06
#1	-.00085	-.00005
#2	.00281	.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4130	--	--	--	--	--	--
SDev	3.871479	--	--	--	--	--	--
%RSD	.0937509	--	--	--	--	--	--
#1	4132	--	--	--	--	--	--
#2	4127	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849416 Operator: AH
Run Time: 09/02/08 16:40:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11710	.00116	.01460	.03115	-.00001	14.170	-.00019
SDev	.00099	.00353	.00048	.00003	.00001	.043	.00015
%RSD	.84197	304.63	3.2897	.09747	128.57	.30598	80.097
#1	.11780	-.00134	.01493	.03117	-.00000	14.200	-.00030
#2	.11641	.00366	.01426	.03113	-.00001	14.139	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00279	.00178	.02568	.75794	10.565	.02050
SDev	.00039	.00022	.00013	.00575	.00725	.002	.00001
%RSD	208.55	7.7303	7.4258	22.409	.95678	.01517	.02733
#1	-.00046	.00264	.00169	.02161	.76307	10.566	.02049
#2	.00009	.00294	.00188	.02975	.75281	10.564	.02050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	4.9560	.00195	-.00034	-.00082	-.00066	.00252
SDev	.00015	.0447	.00037	.00004	.00125	.00082	.00049
%RSD	11.229	.90219	19.218	12.240	152.74	124.47	19.525
#1	.00143	4.9244	.00221	-.00037	.00007	-.00008	.00287
#2	.00122	4.9877	.00168	-.00031	-.00170	-.00124	.00217
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.01376	-.00310	.00116	.00128	.01152	.00208
SDev	.00518	.00290	.00219	.00002	.00300	.00048	.00018
%RSD	4467.6	21.042	70.546	2.0013	233.74	4.1324	8.5007
#1	-.00378	.01171	-.00155	.00114	-.00084	.01119	.00196
#2	.00354	.01581	-.00464	.00117	.00340	.01186	.00221
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00216	.00014
SDev	.00057	.00039
%RSD	26.498	283.71
#1	.00175	-.00014
#2	.00256	.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4133	--	--	--	--	--	--
SDev	4.030302	--	--	--	--	--	--
%RSD	.0975146	--	--	--	--	--	--
#1	4130	--	--	--	--	--	--
#2	4136	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849417 Operator: AH
Run Time: 09/02/08 16:45:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08809	-.00110	.01115	.00011	-.00002	.21708	-.00001
SDev	.00292	.00195	.00013	.00001	.00000	.00039	.00010
%RSD	3.3160	177.32	1.1808	10.240	10.741	.17960	974.02
#1	.08602	-.00247	.01125	.00010	-.00002	.21736	.00006
#2	.09015	.00028	.01106	.00011	-.00002	.21681	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00016	.00157	.01279	.00704	.00585	.00005
SDev	.00019	.00001	.00075	.00381	.01438	.00009	.00004
%RSD	70.258	6.1691	47.552	29.804	204.35	1.5184	69.227
#1	-.00041	.00017	.00105	.01010	.01720	.00591	.00003
#2	-.00014	.00015	.00210	.01549	-.00313	.00579	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.04150	-.00023	.00297	-.00070	.00052	-.00291
SDev	.00030	.11603	.00002	.00156	.00049	.00085	.00001
%RSD	26.035	279.57	10.211	52.460	70.082	161.87	.26069
#1	.00135	-.04054	-.00021	.00408	-.00035	.00112	-.00290
#2	.00093	.12355	-.00025	.00187	-.00105	-.00008	-.00292
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00067	-.00470	.00001	.00336	-.00004	.00002
SDev	.00088	.00515	.00259	.00014	.00350	.00024	.00017
%RSD	4337.8	763.55	54.997	982.21	104.00	609.45	906.63
#1	-.00060	-.00297	-.00287	-.00009	.00089	-.00021	-.00010
#2	.00064	.00432	-.00653	.00012	.00584	.00013	.00014
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00184	.00008
SDev	.00072	.00030
%RSD	39.054	391.44
#1	.00234	-.00014
#2	.00133	.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4149	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.2301031	--	--	--	--	--	--
#1	4142	--	--	--	--	--	--
#2	4155	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 04:58:05 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 16:52:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.788	.49426	.49084	.49579	.49249	24.486	.49172
SDev	.041	.00301	.00220	.00062	.00119	.059	.00186
%RSD	.16698	.60946	.44883	.12495	.24226	.23976	.37820
#1	24.817	.49639	.49240	.49623	.49333	24.528	.49303
#2	24.759	.49213	.48928	.49536	.49165	24.445	.49040
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49216	.49177	.49654	24.991	25.037	24.458	.49270
SDev	.00166	.00226	.00146	.086	.076	.081	.00147
%RSD	.33621	.46034	.29512	.34259	.30273	.32963	.29890
#1	.49333	.49337	.49757	25.051	25.091	24.515	.49374
#2	.49099	.49017	.49550	24.930	24.983	24.401	.49166
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49807	24.730	.49473	.48333	.49495	.49108	.49189
SDev	.00169	.226	.00066	.00281	.00213	.00236	.00294
%RSD	.34017	.91411	.13323	.58152	.43125	.48050	.59754
#1	.49927	24.890	.49520	.48532	.49646	.49275	.49396
#2	.49687	24.571	.49427	.48135	.49344	.48941	.48981
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50307	.48185	.49691	.49712	.49138	.49175	.49413
SDev	.00442	.00023	.00430	.00088	.00176	.00188	.00250
%RSD	.87949	.04735	.86429	.17701	.35898	.38172	.50691
#1	.50620	.48201	.49995	.49775	.49014	.49308	.49590
#2	.49995	.48169	.49387	.49650	.49263	.49042	.49236
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49794	.49612
SDev	.00311	.00198
%RSD	.62373	.40020
#1	.49574	.49753
#2	.50014	.49472
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4085	--	--	--	--	--	--
SDev	.2121666	--	--	--	--	--	--
%RSD	.0051934	--	--	--	--	--	--
#1	4085	--	--	--	--	--	--
#2	4085	--	--	--	--	--	--

Analysis Report Blank Sample 09/02/08 05:03:29 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 16:58:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01946	.00053	-.00084	.00015	.00012	.02310	-.00003
SDev	.00460	.00160	.00000	.00000	.00001	.00139	.00018
%RSD	23.653	303.10	.25509	2.2853	8.6018	6.0214	531.23
#1	.02271	-.00060	-.00084	.00014	.00013	.02408	.00010
#2	.01620	.00166	-.00084	.00015	.00011	.02211	-.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00048	-.00009	.00005	.01059	.01592	.02217	.00001
SDev	.00008	.00046	.00015	.01224	.01585	.00304	.00005
%RSD	17.173	527.23	287.67	115.54	99.566	13.718	413.60
#1	-.00042	.00024	.00015	.01925	.02712	.02432	.00005
#2	-.00054	-.00041	-.00005	.00194	.00471	.02002	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	-.02976	-.00084	.00257	-.00177	-.00032	-.00008
SDev	.00168	.04945	.00018	.00016	.00050	.00039	.00219
%RSD	55.565	166.17	21.868	6.3727	28.273	119.95	2861.0
#1	.00421	.00521	-.00071	.00268	-.00141	-.00005	.00147
#2	.00183	-.06472	-.00097	.00245	-.00212	-.00060	-.00162
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00451	-.00237	.00022	.00460	-.00034	-.00078
SDev	.00121	.00410	.00123	.00010	.00273	.00006	.00010
%RSD	230.54	90.769	51.824	46.118	59.349	17.913	12.473
#1	-.00033	.00741	-.00150	.00015	.00653	-.00038	-.00071
#2	.00138	.00162	-.00324	.00029	.00267	-.00029	-.00085
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00037	.00008
SDev	.00111	.00022
%RSD	301.14	285.22
#1	-.00115	.00023
#2	.00041	-.00008
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4078	--	--	--	--	--	--
SDev	13.94758	--	--	--	--	--	--
%RSD	.3420568	--	--	--	--	--	--
#1	4068	--	--	--	--	--	--
#2	4087	--	--	--	--	--	--

Analysis Report 09/02/08 05:08:52 PM page 1

Method: TRACE2 Sample Name: AD849418 Operator: AH
Run Time: 09/02/08 17:03:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09932	-.00043	.01025	.00014	-.00003	.22255	-.00004
SDev	.00122	.00035	.00086	.00002	.00000	.00056	.00007
%RSD	1.2329	82.222	8.4468	10.487	10.192	.25041	187.37
#1	.10019	-.00018	.01086	.00013	-.00003	.22295	-.00008
#2	.09846	-.00068	.00963	.00015	-.00003	.22216	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00096	-.00021	.00065	.00059	.00155	.00306	-.00005
SDev	.00022	.00012	.00027	.00096	.01072	.00213	.00000
%RSD	22.957	55.497	41.628	163.32	693.24	69.615	.17792
#1	-.00080	-.00013	.00046	-.00009	.00912	.00456	-.00005
#2	-.00111	-.00030	.00084	.00126	-.00603	.00155	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00494	-.00076	.00147	-.00006	.00045	.00088
SDev	.00088	.04400	.00028	.00017	.00094	.00057	.00237
%RSD	77.707	891.27	37.335	11.582	1615.7	127.27	269.97
#1	.00051	-.02618	-.00096	.00159	-.00072	.00004	-.00080
#2	.00176	.03605	-.00056	.00135	.00061	.00085	.00256
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00232	.00797	-.00267	.00005	.00302	-.00043	-.00056
SDev	.00016	.00209	.00252	.00007	.00013	.00018	.00009
%RSD	6.7443	26.186	94.280	125.22	4.3193	42.823	16.326
#1	-.00221	.00650	-.00445	.00010	.00311	-.00056	-.00050
#2	-.00243	.00945	-.00089	.00001	.00293	-.00030	-.00063
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00099	-.00028
SDev	.00017	.00016
%RSD	16.763	57.744
#1	.00111	-.00040
#2	.00087	-.00017
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4159	--	--	--	--	--	--
SDev	2.545308	--	--	--	--	--	--
%RSD	.0612026	--	--	--	--	--	--
#1	4157	--	--	--	--	--	--
#2	4161	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849419 Operator: AH
Run Time: 09/02/08 17:08:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10148	.00308	.03968	.02252	-.00002	32.990	-.00006
SDev	.00410	.00131	.00032	.00006	.00002	.111	.00001
%RSD	4.0385	42.544	.81850	.27664	150.95	.33593	18.440
#1	.10438	.00215	.03991	.02256	.00000	33.069	-.00007
#2	.09858	.00400	.03945	.02248	-.00003	32.912	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	.00212	.00860	.46626	1.8699	8.5384	.00644
SDev	.00006	.00068	.00001	.01071	.0208	.0316	.00006
%RSD	13.460	31.859	.10607	2.2970	1.1146	.37015	.90991
#1	-.00046	.00164	.00859	.45869	1.8846	8.5607	.00639
#2	-.00038	.00260	.00860	.47384	1.8551	8.5160	.00648
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02896	20.221	.02260	.00324	.00334	.00330	-.00275
SDev	.00033	.058	.00021	.00072	.00009	.00030	.00100
%RSD	1.1305	.28586	.91945	22.146	2.8140	9.1297	36.358
#1	.02873	20.180	.02275	.00375	.00340	.00352	-.00346
#2	.02919	20.262	.02245	.00273	.00327	.00309	-.00205
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	.00152	-.00489	-.00024	.00357	-.00011	.00482
SDev	.00142	.00282	.00009	.00008	.00104	.00012	.00019
%RSD	111.15	186.18	1.8272	33.218	28.969	113.36	3.9432
#1	-.00229	-.00048	-.00495	-.00018	.00431	-.00002	.00495
#2	-.00027	.00351	-.00482	-.00029	.00284	-.00020	.00468
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00034	-.00034
SDev	.00230	.00008
%RSD	674.56	23.138
#1	-.00196	-.00039
#2	.00128	-.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4109	--	--	--	--	--	--
SDev	3.871479	--	--	--	--	--	--
%RSD	.0942112	--	--	--	--	--	--
#1	4107	--	--	--	--	--	--
#2	4112	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849420 Operator: AH
Run Time: 09/02/08 17:14:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11832	.00348	.04010	.02305	-.00001	32.660	-.00004
SDev	.00071	.00108	.00062	.00003	.00000	.013	.00002
%RSD	.60215	31.043	1.5541	.13613	30.767	.03894	57.125
#1	.11883	.00271	.03966	.02307	-.00000	32.669	-.00006
#2	.11782	.00424	.04054	.02303	-.00001	32.651	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00714	.01717	1.8813	1.8749	8.4588	.04077
SDev	.00045	.00057	.00005	.0033	.0014	.0049	.00004
%RSD	695.49	8.0045	.29113	.17585	.07611	.05804	.10296
#1	-.00038	.00674	.01721	1.8790	1.8739	8.4553	.04074
#2	.00025	.00754	.01714	1.8837	1.8759	8.4623	.04080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03337	20.386	.03654	.00876	.01080	.01012	.00016
SDev	.00009	.142	.00034	.00095	.00177	.00086	.00026
%RSD	.27698	.69772	.93805	10.799	16.377	8.5441	160.57
#1	.03344	20.487	.03630	.00943	.00955	.00951	.00035
#2	.03331	20.285	.03678	.00809	.01205	.01073	-.00002
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00196	-.00073	.00027	.00173	.00026	.00402
SDev	.00056	.00015	.00032	.00012	.00413	.00018	.00000
%RSD	228.60	7.5552	44.254	43.209	238.34	69.927	.09550
#1	-.00015	.00206	-.00050	.00035	-.00119	.00013	.00402
#2	.00064	.00185	-.00096	.00019	.00465	.00039	.00402
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00020	-.00037
SDev	.00036	.00037
%RSD	181.81	100.11
#1	.00045	-.00011
#2	-.00006	-.00064
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4120	--	--	--	--	--	--
SDev	2.280143	--	--	--	--	--	--
%RSD	.0553381	--	--	--	--	--	--
#1	4119	--	--	--	--	--	--
#2	4122	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849421 Operator: AH
Run Time: 09/02/08 17:19:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13634	.03705	1.1335	.32279	-.00000	40.884	-.00000
SDev	.00085	.00366	.0026	.00072	.00002	.010	.00004
%RSD	.62375	9.8695	.22588	.22249	990.46	.02439	1404.0
#1	.13694	.03446	1.1353	.32228	.00001	40.877	-.00003
#2	.13574	.03963	1.1317	.32330	-.00001	40.891	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00348	.00168	.00070	18.726	72.988	63.179	.42181
SDev	.00006	.00033	.00071	.006	.074	.013	.00016
%RSD	1.6923	19.801	100.76	.03391	.10117	.02080	.03758
#1	.00343	.00144	.00120	18.731	72.936	63.170	.42193
#2	.00352	.00191	.00020	18.722	73.040	63.189	.42170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	96.074	.01634	.00339	-.00084	.00057	-.00163
SDev	.00116	.168	.00018	.00103	.00023	.00019	.00158
%RSD	71.175	.17444	1.1209	30.253	27.190	33.250	96.568
#1	.00245	96.192	.01647	.00412	-.00100	.00070	-.00052
#2	.00081	95.955	.01621	.00266	-.00068	.00044	-.00275
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	.00270	-.00380	.00292	-.00161	.00099	.00185
SDev	.00169	.00414	.00030	.00097	.00425	.00012	.00019
%RSD	103.59	153.28	7.8022	33.335	263.58	12.463	10.050
#1	-.00283	.00563	-.00359	.00360	.00139	.00090	.00172
#2	-.00044	-.00023	-.00401	.00223	-.00461	.00108	.00198
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00018	.00042
SDev	.00150	.00026
%RSD	821.85	62.944
#1	.00088	.00061
#2	-.00124	.00023

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4096	--	--	--	--	--	--
SDev	2.121493	--	--	--	--	--	--
%RSD	.0517936	--	--	--	--	--	--
#1	4098	--	--	--	--	--	--
#2	4095	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849422 Operator: AH
Run Time: 09/02/08 17:25:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08105	-.00150	.15893	.05611	.00003	77.858	-.00007
SDev	.00401	.00009	.00092	.00004	.00001	.198	.00003
%RSD	4.9489	5.8159	.58017	.07228	19.666	.25443	39.930
#1	.07821	-.00156	.15958	.05608	.00003	77.998	-.00010
#2	.08389	-.00144	.15828	.05613	.00003	77.718	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00057	.00070	1.5679	12.853	22.531	1.2553
SDev	.00020	.00007	.00032	.0029	.026	.043	.0020
%RSD	113.41	12.671	45.074	.18425	.20522	.19149	.16203
#1	-.00003	.00052	.00048	1.5700	12.871	22.561	1.2567
#2	-.00031	.00063	.00092	1.5659	12.834	22.500	1.2539
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	23.203	.00087	.00138	-.00104	-.00023	-.00165
SDev	.00054	.031	.00022	.00266	.00109	.00016	.00102
%RSD	36.367	.13218	25.318	192.85	105.48	68.225	61.754
#1	.00110	23.224	.00071	-.00050	-.00026	-.00034	-.00237
#2	.00187	23.181	.00102	.00326	-.00181	-.00012	-.00093
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00458	-.00476	.00013	-.00074	-.00045	.00379
SDev	.00150	.00106	.00100	.00027	.00389	.00018	.00018
%RSD	1682.5	23.114	20.958	202.71	526.76	40.965	4.7684
#1	.00115	.00383	-.00547	-.00006	-.00349	-.00032	.00392
#2	-.00097	.00533	-.00406	.00032	.00201	-.00058	.00367
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00025	.00040
SDev	.00063	.00045
%RSD	253.57	113.74
#1	-.00020	.00008
#2	.00069	.00072
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4105	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0322971	--	--	--	--	--	--
#1	4106	--	--	--	--	--	--
#2	4104	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849423 Operator: AH
Run Time: 09/02/08 17:30:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38147	.06276	14.556	.82316	.00014	156.76	-.00001
SDev	.00081	.00321	.008	.00090	.00001	.20	.00006
%RSD	.21207	5.1130	.05331	.10940	4.1772	.12512	828.98
#1	.38204	.06049	14.561	.82380	.00014	156.62	-.00005
#2	.38089	.06503	14.550	.82253	.00015	156.90	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03877	.08754	.00535	9.4421	398.96	175.30	1.2432
SDev	.00019	.00055	.00025	.0216	.79	.11	.0003
%RSD	.49265	.62631	4.6954	.22843	.19707	.06033	.02208
#1	.03864	.08715	.00517	9.4269	399.51	175.23	1.2430
#2	.03891	.08793	.00553	9.4574	398.40	175.37	1.2434
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01403	H1336.9	.29072	.00498	.00042	.00194	.00004
SDev	.00092	1.6	.00120	.00109	.00028	.00018	.00299
%RSD	6.5904	.11744	.41366	21.806	65.590	9.1662	7471.2
#1	.01337	H1338.0	.28987	.00575	.00023	.00207	-.00207
#2	.01468	H1335.7	.29157	.00421	.00062	.00181	.00215
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00927	.00903	-.00446	.13474	-.00042	.07291	.10363
SDev	.00047	.00290	.00593	.00003	.00552	.00016	.00024
%RSD	5.1026	32.108	133.05	.02115	1322.5	.21836	.22949
#1	.00960	.01108	-.00865	.13472	-.00432	.07279	.10346
#2	.00893	.00698	-.00026	.13476	.00348	.07302	.10379
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01034	.00003
SDev	.00212	.00014
%RSD	20.533	488.97
#1	.01184	-.00007
#2	.00884	.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3780	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0561162	--	--	--	--	--	--
#1	3779	--	--	--	--	--	--
#2	3782	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849424 Operator: AH
Run Time: 09/02/08 17:35:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08927	.00120	.17498	.46099	-.00001	71.446	-.00011
SDev	.00132	.00281	.00156	.00008	.00001	.001	.00014
%RSD	1.4770	234.61	.89192	.01731	65.533	.00150	132.41
#1	.09020	.00319	.17608	.46093	-.00002	71.446	-.00021
#2	.08834	-.00079	.17387	.46105	-.00001	71.447	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00025	.00227	1.3551	4.6057	12.844	.11078
SDev	.00008	.00005	.00030	.0090	.0126	.002	.00000
%RSD	39.454	18.057	13.393	.66431	.27383	.01316	.00269
#1	-.00015	.00028	.00248	1.3487	4.5967	12.843	.11078
#2	-.00027	.00022	.00205	1.3614	4.6146	12.845	.11078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	25.500	.00216	.00166	-.00075	.00005	-.00154
SDev	.00008	.020	.00044	.00252	.00113	.00009	.00318
%RSD	4.7584	.07906	20.373	152.40	150.00	177.00	205.94
#1	.00155	25.514	.00185	-.00013	.00005	-.00001	.00070
#2	.00166	25.485	.00247	.00344	-.00155	.00011	-.00379
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00500	-.00482	.00047	.00331	.00185	.00584
SDev	.00110	.00166	.00394	.00023	.00410	.00037	.00020
%RSD	2871.0	33.217	81.790	48.571	124.14	20.113	3.4110
#1	-.00082	.00618	-.00203	.00031	.00621	.00159	.00570
#2	.00074	.00383	-.00760	.00063	.00040	.00211	.00598
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00047	.00034
SDev	.00122	.00035
%RSD	260.30	102.83
#1	-.00039	.00009
#2	.00133	.00059
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4118	--	--	--	--	--	--
SDev	8.273288	--	--	--	--	--	--
%RSD	.2009006	--	--	--	--	--	--
#1	4124	--	--	--	--	--	--
#2	4112	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849234/PB Operator: AH
Run Time: 09/02/08 17:41:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06518	.00024	.01450	.00010	-.00004	.16853	-.00008
SDev	.00032	.00035	.00121	.00012	.00001	.00363	.00006
%RSD	.48780	145.37	8.3322	113.43	13.748	2.1541	74.962
#1	.06540	-.00001	.01365	.00002	-.00004	.16597	-.00004
#2	.06496	.00049	.01535	.00018	-.00003	.17110	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	-.00010	.00020	.00940	.01249	.00529	.00004
SDev	.00061	.00041	.00022	.00576	.00024	.00324	.00006
%RSD	83.763	423.06	109.40	61.274	1.8888	61.190	176.29
#1	-.00115	-.00038	.00004	.00533	.01232	.00300	-.00001
#2	-.00030	.00019	.00035	.01347	.01265	.00757	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	-.17797	-.00078	.00106	-.00052	.00001	.00146
SDev	.00087	.09875	.00012	.00172	.00025	.00074	.00081
%RSD	69.045	55.486	15.283	162.87	48.543	14523.	55.636
#1	.00064	-.24779	-.00086	-.00016	-.00070	-.00052	.00089
#2	.00187	-.10814	-.00069	.00228	-.00034	.00053	.00203
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	.00946	-.00254	-.00022	.00094	-.00017	-.00062
SDev	.00711	.00607	.00182	.00010	.00141	.00006	.00036
%RSD	380.08	64.223	71.625	44.621	150.40	36.482	58.250
#1	-.00690	.00516	-.00125	-.00029	.00193	-.00021	-.00088
#2	.00316	.01375	-.00383	-.00015	-.00006	-.00013	-.00037
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00027	-.00041
SDev	.00033	.00049
%RSD	123.58	120.46
#1	.00051	-.00075
#2	.00003	-.00006

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4155	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0995546	--	--	--	--	--	--
#1	4158	--	--	--	--	--	--
#2	4152	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849233/FB Operator: AH
Run Time: 09/02/08 17:46:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.160	.21050	.21308	.20611	.20146	10.149	.20323
SDev	.020	.00201	.00006	.00015	.00044	.029	.00046
%RSD	.19449	.95427	.02657	.07193	.22003	.28780	.22559
#1	10.174	.21192	.21312	.20621	.20177	10.170	.20356
#2	10.147	.20908	.21304	.20600	.20114	10.129	.20291
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20417	.19638	.20441	10.325	10.443	9.9409	.20014
SDev	.00114	.00081	.00072	.030	.008	.0225	.00019
%RSD	.55697	.41129	.35125	.28799	.07472	.22660	.09767
#1	.20498	.19695	.20491	10.346	10.437	9.9569	.20028
#2	.20337	.19581	.20390	10.304	10.448	9.9250	.20000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20465	10.384	.20127	.19946	.20318	.20194	.19538
SDev	.00085	.033	.00064	.00197	.00426	.00219	.00176
%RSD	.41622	.31423	.31768	.98503	2.0979	1.0839	.89984
#1	.20405	10.407	.20173	.19807	.20620	.20349	.19662
#2	.20525	10.361	.20082	.20085	.20017	.20039	.19413
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20525	.19247	.19683	.19626	.20420	.20210	.20054
SDev	.00301	.00405	.00466	.00001	.00763	.00036	.00151
%RSD	1.4675	2.1031	2.3680	.00380	3.7382	.17727	.75092
#1	.20738	.18961	.20013	.19626	.19880	.20235	.20161
#2	.20312	.19533	.19354	.19627	.20960	.20185	.19948
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21112	.05044
SDev	.00213	.00049
%RSD	1.0110	.98063
#1	.21262	.05079
#2	.20961	.05009
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4137	--	--	--	--	--	--
SDev	1.113831	--	--	--	--	--	--
%RSD	.0269229	--	--	--	--	--	--
#1	4136	--	--	--	--	--	--
#2	4138	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849212 Operator: AH
Run Time: 09/02/08 17:52:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11545	.00071	.57113	.01462	.00004	61.282	-.00002
SDev	.00055	.00051	.00051	.00002	.00001	.089	.00005
%RSD	.47809	72.447	.08894	.16372	19.279	.14578	191.63
#1	.11584	.00107	.57077	.01464	.00005	61.345	-.00006
#2	.11506	.00035	.57149	.01461	.00004	61.219	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00016	.00043	.14081	1.1428	31.161	.02855
SDev	.00070	.00027	.00054	.00822	.0058	.035	.00002
%RSD	900.14	171.64	126.97	5.8415	.50845	.11124	.06559
#1	.00058	.00035	.00081	.14662	1.1469	31.185	.02856
#2	-.00042	-.00003	.00004	.13499	1.1387	31.136	.02854
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21149	83.742	.00280	.00226	-.00078	.00023	-.00420
SDev	.00134	.000	.00004	.00284	.00163	.00014	.00065
%RSD	.63204	.00028	1.5662	125.68	208.73	59.120	15.465
#1	.21055	83.742	.00283	.00025	.00037	.00033	-.00466
#2	.21244	83.742	.00277	.00427	-.00193	.00014	-.00374
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00103	.00151	-.00705	.00330	.00031	-.00045	.00394
SDev	.00154	.00154	.00020	.00005	.00208	.00031	.00057
%RSD	149.52	102.18	2.8985	1.5511	679.70	68.562	14.532
#1	.00006	.00042	-.00720	.00326	-.00117	-.00023	.00434
#2	-.00212	.00260	-.00691	.00333	.00178	-.00067	.00353
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00141	.00054
SDev	.00274	.00028
%RSD	194.23	51.532
#1	.00335	.00074
#2	-.00053	.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4074	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.2928625	--	--	--	--	--	--
#1	4066	--	--	--	--	--	--
#2	4083	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 17:58:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.814	.49380	.49313	.49734	.49384	24.491	.49219
SDev	.166	.00147	.00075	.00367	.00280	.101	.00072
%RSD	.66986	.29731	.15120	.73844	.56714	.41140	.14708
#1	24.932	.49484	.49261	.49994	.49582	24.562	.49270
#2	24.697	.49276	.49366	.49475	.49186	24.420	.49168
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49332	.49310	.49712	25.006	25.238	24.375	.49293
SDev	.00071	.00071	.00348	.023	.049	.026	.00056
%RSD	.14314	.14398	.70063	.09035	.19513	.10500	.11360
#1	.49382	.49361	.49959	25.022	25.273	24.393	.49332
#2	.49282	.49260	.49466	24.990	25.203	24.357	.49253
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48915	24.894	.49571	.49047	.49517	.49361	.49217
SDev	.00278	.081	.00156	.00366	.00100	.00055	.00400
%RSD	.56725	.32478	.31570	.74539	.20210	.11141	.81327
#1	.48719	24.951	.49681	.49305	.49446	.49399	.49500
#2	.49112	24.837	.49460	.48788	.49588	.49322	.48934
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49512	.48086	.49783	.48930	.49419	.49154	.49436
SDev	.00592	.01530	.00164	.00258	.00110	.00057	.00028
%RSD	1.1949	3.1811	.33031	.52820	.22234	.11581	.05596
#1	.49094	.49168	.49667	.49113	.49497	.49194	.49417
#2	.49931	.47004	.49899	.48747	.49342	.49114	.49456
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50480	.49953
SDev	.00447	.00075
%RSD	.88652	.15097
#1	.50797	.50006
#2	.50164	.49899
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4075	--	--	--	--	--	--
SDev	6.788122	--	--	--	--	--	--
%RSD	.1665623	--	--	--	--	--	--
#1	4071	--	--	--	--	--	--
#2	4080	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 18:04:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	-.00273	.00121	.00008	.00013	.00482	.00006
SDev	.00683	.00205	.00003	.00006	.00008	.00492	.00016
%RSD	3518.9	75.163	2.2585	84.199	64.166	102.16	252.84
#1	-.00464	-.00128	.00123	.00003	.00007	.00134	-.00005
#2	.00503	-.00418	.00119	.00012	.00018	.00830	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.00015	.00018	.00677	.01775	.00462	.00005
SDev	.00062	.00028	.00036	.01368	.00397	.00369	.00008
%RSD	161.92	188.21	199.20	201.99	22.347	80.037	157.31
#1	-.00082	-.00005	-.00007	-.00290	.02055	.00200	-.00001
#2	.00006	.00034	.00043	.01645	.01494	.00723	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	-.07409	-.00031	.00057	-.00053	-.00017	-.00066
SDev	.00036	.11192	.00022	.00368	.00049	.00090	.00154
%RSD	16.669	151.05	72.586	647.24	91.666	541.66	233.84
#1	.00240	-.15323	-.00047	.00317	-.00088	.00047	-.00175
#2	.00189	.00505	-.00015	-.00203	-.00019	-.00080	.00043
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00443	-.00321	.00001	.00092	-.00007	-.00111
SDev	.00087	.00492	.00014	.00010	.00360	.00031	.00018
%RSD	106.54	111.07	4.4999	1211.4	393.21	413.92	16.598
#1	.00143	.00095	-.00311	-.00006	.00346	-.00029	-.00124
#2	.00020	.00791	-.00331	.00008	-.00163	.00014	-.00098
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00032	.00019
SDev	.00007	.00062
%RSD	22.637	332.00
#1	-.00038	.00063
#2	-.00027	-.00025
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4075	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0325373	--	--	--	--	--	--
#1	4074	--	--	--	--	--	--
#2	4076	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849213 Operator: AH
Run Time: 09/02/08 18:09:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11691	.00317	.57294	.01781	.00009	49.482	.00004
SDev	.00217	.00053	.00049	.00004	.00007	.261	.00001
%RSD	1.8579	16.858	.08496	.20511	72.529	.52737	23.205
#1	.11538	.00279	.57260	.01778	.00005	49.666	.00003
#2	.11845	.00355	.57328	.01784	.00014	49.297	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00105	.00372	.01190	1.1053	25.938	.01062
SDev	.00028	.00035	.00004	.00345	.0042	.073	.00003
%RSD	273.73	33.876	.99049	28.958	.37663	.28152	.24327
#1	.00010	.00130	.00369	.01434	1.1023	25.989	.01060
#2	-.00030	.00080	.00374	.00946	1.1082	25.886	.01064
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09050	76.260	.00306	-.00099	.00014	-.00024	-.00355
SDev	.00059	.597	.00026	.00137	.00031	.00066	.00082
%RSD	.65198	.78318	8.3922	137.76	221.05	277.79	23.040
#1	.09009	76.682	.00288	-.00003	.00036	.00023	-.00297
#2	.09092	75.837	.00325	-.00196	-.00008	-.00071	-.00413
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00089	-.00577	.00000	.00202	-.00032	.00621
SDev	.00146	.00109	.00068	.00020	.00027	.00012	.00024
%RSD	249.05	121.68	11.822	6349.0	13.445	38.945	3.9229
#1	.00162	.00166	-.00529	-.00014	.00221	-.00023	.00603
#2	-.00045	.00012	-.00626	.00015	.00183	-.00040	.00638
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00133	-.00026
SDev	.00177	.00052
%RSD	133.10	200.64
#1	-.00258	-.00063
#2	-.00008	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4088	--	--	--	--	--	--
SDev	14.90224	--	--	--	--	--	--
%RSD	.3645507	--	--	--	--	--	--
#1	4077	--	--	--	--	--	--
#2	4098	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849214 Operator: AH
Run Time: 09/02/08 18:15:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11461	.00217	.56336	.01321	.00003	55.865	-.00008
SDev	.00294	.00047	.00112	.00005	.00001	.005	.00001
%RSD	2.5666	21.871	.19807	.34699	42.119	.00916	10.138
#1	.11669	.00250	.56415	.01324	.00002	55.861	-.00007
#2	.11253	.00183	.56257	.01318	.00004	55.868	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00012	.00046	.06344	1.1000	27.648	.05677
SDev	.00025	.00054	.00055	.00438	.0036	.049	.00003
%RSD	127.64	468.94	119.86	6.9030	.32503	.17670	.05230
#1	.00038	.00050	.00085	.06653	1.1026	27.682	.05679
#2	.00002	-.00027	.00007	.06034	1.0975	27.613	.05674
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14624	78.418	.00052	.00053	.00031	.00038	-.00343
SDev	.00008	.125	.00031	.00274	.00082	.00037	.00148
%RSD	.05760	.15887	60.733	517.92	263.52	95.684	43.165
#1	.14630	78.330	.00074	-.00141	.00089	.00012	-.00238
#2	.14618	78.506	.00029	.00246	-.00027	.00064	-.00448
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00127	-.00578	-.00013	.00133	-.00041	.00061
SDev	.00027	.00985	.00270	.00002	.00020	.00018	.00028
%RSD	25.910	778.26	46.794	12.442	15.016	45.328	45.136
#1	.00123	.00823	-.00769	-.00014	.00147	-.00028	.00080
#2	.00085	-.00570	-.00386	-.00012	.00119	-.00054	.00041
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00128	-.00023
SDev	.00199	.00006
%RSD	155.82	24.344
#1	.00268	-.00027
#2	-.00013	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4095	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0064754	--	--	--	--	--	--
#1	4095	--	--	--	--	--	--
#2	4095	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849214/L (1:5) Operator: AH
Run Time: 09/02/08 18:20:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02085	-.00119	.11253	.00275	.00005	11.223	-.00021
SDev	.00053	.00261	.00057	.00003	.00001	.029	.00004
%RSD	2.5613	219.64	.50771	.97907	24.846	.25779	18.952
#1	.02123	.00066	.11293	.00273	.00004	11.203	-.00018
#2	.02048	-.00303	.11213	.00276	.00006	11.244	-.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	.00003	-.00013	.00709	.20248	5.5664	.01131
SDev	.00020	.00018	.00057	.00536	.00795	.0021	.00003
%RSD	30.972	576.54	436.91	75.560	3.9284	.03708	.29731
#1	-.00050	-.00010	.00027	.00330	.20811	5.5650	.01133
#2	-.00078	.00016	-.00053	.01088	.19686	5.5679	.01128
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03173	15.860	-.00061	.00536	-.00299	-.00021	-.00085
SDev	.00126	.100	.00029	.00237	.00112	.00004	.00047
%RSD	3.9662	.63157	48.134	44.146	37.300	21.367	55.643
#1	.03262	15.931	-.00040	.00369	-.00220	-.00024	-.00051
#2	.03084	15.789	-.00082	.00704	-.00378	-.00018	-.00118
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00473	.00319	-.00286	.00007	.00320	-.00036	-.00112
SDev	.00068	.00031	.00055	.00007	.00456	.00012	.00000
%RSD	14.422	9.7099	19.225	90.415	142.52	33.997	.21903
#1	-.00425	.00341	-.00247	.00003	-.00002	-.00045	-.00112
#2	-.00522	.00297	-.00325	.00012	.00643	-.00027	-.00112
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00009	.00009
SDev	.00101	.00045
%RSD	1116.7	527.76
#1	.00081	-.00023
#2	-.00063	.00041
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4096	--	--	--	--	--	--
SDev	6.575955	--	--	--	--	--	--
%RSD	.1605615	--	--	--	--	--	--
#1	4100	--	--	--	--	--	--
#2	4091	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849214/PS Operator: AH
Run Time: 09/02/08 18:25:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.255	.21279	.75094	.21931	.20599	64.864	.20505
SDev	.079	.00464	.00220	.00114	.00151	.522	.00074
%RSD	.77253	2.1815	.29320	.52088	.73138	.80547	.36144
#1	10.311	.21608	.75249	.22012	.20706	65.233	.20557
#2	10.199	.20951	.74938	.21850	.20492	64.494	.20452
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20717	.19882	.20553	10.573	12.118	37.148	.26022
SDev	.00072	.00061	.00213	.045	.025	.168	.00080
%RSD	.34917	.30721	1.0373	.42641	.20421	.45333	.30609
#1	.20769	.19925	.20704	10.605	12.101	37.267	.26079
#2	.20666	.19839	.20402	10.542	12.136	37.029	.25966
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35091	87.093	.20481	.19664	.20374	.20137	.20789
SDev	.00242	.312	.00179	.00321	.00331	.00114	.00380
%RSD	.69002	.35857	.87386	1.6311	1.6240	.56551	1.8304
#1	.34920	87.314	.20608	.19437	.20608	.20218	.20520
#2	.35263	86.872	.20354	.19891	.20140	.20057	.21058
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20902	.20490	.20939	.20082	.19909	.20822	.20357
SDev	.00298	.00542	.00300	.00135	.00325	.00122	.00133
%RSD	1.4260	2.6433	1.4326	.67036	1.6328	.58483	.65425
#1	.20691	.20107	.20727	.20178	.20139	.20908	.20451
#2	.21112	.20873	.21152	.19987	.19679	.20736	.20263
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.18935	.05012
SDev	.00105	.00033
%RSD	.55700	.66348
#1	.19009	.05035
#2	.18860	.04988
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4091	--	--	--	--	--	--
SDev	8.220117	--	--	--	--	--	--
%RSD	.2009176	--	--	--	--	--	--
#1	4085	--	--	--	--	--	--
#2	4097	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849215/MS Operator: AH
Run Time: 09/02/08 18:31:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.384	.21893	.76709	.22331	.20683	65.952	.20512
SDev	.051	.00124	.00030	.00123	.00103	.326	.00041
%RSD	.48726	.56525	.03862	.54881	.49813	.49383	.19928
#1	10.420	.21806	.76730	.22418	.20756	66.182	.20541
#2	10.348	.21981	.76688	.22245	.20610	65.722	.20483
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20901	.19997	.20793	10.676	12.221	37.667	.26316
SDev	.00017	.00036	.00124	.008	.023	.086	.00044
%RSD	.08348	.18192	.59755	.07827	.19003	.22839	.16795
#1	.20913	.20022	.20881	10.682	12.238	37.727	.26348
#2	.20888	.19971	.20705	10.670	12.205	37.606	.26285
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35430	88.479	.20480	.20189	.20362	.20305	.20326
SDev	.00101	.506	.00068	.00122	.00180	.00160	.00177
%RSD	.28489	.57184	.33159	.60464	.88195	.79013	.87171
#1	.35359	88.837	.20528	.20276	.20489	.20418	.20452
#2	.35502	88.121	.20432	.20103	.20235	.20191	.20201
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20996	.20622	.20179	.20062	.20637	.20700	.20199
SDev	.00174	.00944	.00737	.00055	.00146	.00063	.00066
%RSD	.82920	4.5754	3.6550	.27637	.70727	.30632	.32510
#1	.20873	.19955	.20701	.20101	.20740	.20745	.20246
#2	.21120	.21289	.19658	.20023	.20534	.20656	.20153
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21487	.05266
SDev	.00073	.00013
%RSD	.34181	.23866
#1	.21539	.05274
#2	.21435	.05257
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4090	--	--	--	--	--	--
SDev	14.95541	--	--	--	--	--	--
%RSD	.3656267	--	--	--	--	--	--
#1	4080	--	--	--	--	--	--
#2	4101	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849216/SD Operator: AH
Run Time: 09/02/08 18:36:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.438	.21817	.78813	.22203	.20523	66.542	.20429
SDev	.025	.00198	.00102	.00072	.00044	.138	.00060
%RSD	.24177	.90530	.12924	.32446	.21699	.20771	.29188
#1	10.455	.21957	.78741	.22254	.20554	66.640	.20471
#2	10.420	.21677	.78885	.22152	.20491	66.444	.20387
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20817	.19943	.20681	10.605	12.220	37.922	.26232
SDev	.00033	.00026	.00035	.014	.008	.036	.00038
%RSD	.15869	.12877	.16769	.13466	.06583	.09551	.14338
#1	.20841	.19925	.20705	10.615	12.225	37.947	.26258
#2	.20794	.19961	.20656	10.595	12.214	37.896	.26205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35319	89.141	.20400	.20163	.20453	.20356	.20547
SDev	.00079	.359	.00087	.00136	.00005	.00042	.00217
%RSD	.22254	.40289	.42747	.67442	.02439	.20610	1.0583
#1	.35263	89.395	.20462	.20260	.20449	.20386	.20701
#2	.35374	88.887	.20338	.20067	.20456	.20327	.20393
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21119	.20093	.20774	.19971	.21004	.20692	.20119
SDev	.00029	.00173	.00240	.00027	.00019	.00044	.00043
%RSD	.13622	.85948	1.1545	.13496	.08925	.21283	.21577
#1	.21140	.20215	.20944	.19990	.20991	.20723	.20150
#2	.21099	.19971	.20605	.19952	.21017	.20661	.20088
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21162	.05234
SDev	.00267	.00031
%RSD	1.2629	.59138
#1	.21351	.05212
#2	.20973	.05256
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4087	--	--	--	--	--	--
SDev	8.697275	--	--	--	--	--	--
%RSD	.2128086	--	--	--	--	--	--
#1	4081	--	--	--	--	--	--
#2	4093	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849217 Operator: AH
Run Time: 09/02/08 18:42:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32301	-.00001	.57508	.01623	.00004	45.684	-.00006
SDev	.00186	.00163	.00204	.00005	.00001	.015	.00001
%RSD	.57557	19454.	.35539	.29833	19.293	.03255	15.857
#1	.32170	-.00116	.57363	.01620	.00003	45.674	-.00007
#2	.32432	.00114	.57652	.01627	.00004	45.695	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00059	.00037	.12865	1.0530	25.019	.03441
SDev	.00006	.00013	.00023	.00593	.0221	.037	.00014
%RSD	21.521	21.822	63.064	4.6102	2.0982	.14967	.39458
#1	-.00022	.00068	.00020	.13285	1.0686	25.046	.03450
#2	-.00030	.00050	.00053	.12446	1.0374	24.993	.03431
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09288	69.225	.00007	.00049	-.00069	-.00030	-.00204
SDev	.00005	.129	.00007	.00088	.00018	.00041	.00145
%RSD	.04806	.18646	110.33	178.87	25.853	137.89	70.788
#1	.09284	69.134	.00001	-.00013	-.00082	-.00059	-.00307
#2	.09291	69.317	.00012	.00111	-.00057	-.00001	-.00102
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00359	.00241	-.00427	.00008	.00390	-.00040	.00093
SDev	.00300	.00031	.00202	.00026	.00229	.00000	.00019
%RSD	83.539	12.733	47.239	352.98	58.593	.01431	19.989
#1	-.00147	.00219	-.00569	-.00011	.00552	-.00040	.00106
#2	-.00572	.00262	-.00284	.00026	.00229	-.00040	.00080
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00093	.00006
SDev	.00064	.00044
%RSD	68.346	709.19
#1	-.00139	-.00025
#2	-.00048	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4111	--	--	--	--	--	--
SDev	3.818653	--	--	--	--	--	--
%RSD	.0928926	--	--	--	--	--	--
#1	4108	--	--	--	--	--	--
#2	4114	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849218 Operator: AH
Run Time: 09/02/08 18:47:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10794	.00099	.58627	.01703	.00003	41.941	-.00004
SDev	.00106	.00166	.00122	.00009	.00000	.109	.00025
%RSD	.97858	166.60	.20812	.49986	6.7400	.26095	633.02
#1	.10719	.00216	.58540	.01697	.00003	41.863	-.00022
#2	.10868	-.00018	.58713	.01709	.00003	42.018	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00028	.00056	.00738	1.0001	21.529	.03280
SDev	.00034	.00109	.00011	.01068	.0040	.030	.00001
%RSD	241.47	394.79	19.673	144.75	.39764	.13729	.03976
#1	-.00038	-.00050	.00064	-.00017	1.0029	21.508	.03279
#2	.00010	.00105	.00049	.01493	.99726	21.550	.03281
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15537	65.244	.00180	.00293	-.00050	.00065	-.00227
SDev	.00070	.320	.00005	.00123	.00205	.00178	.00108
%RSD	.45165	.48992	2.8995	42.076	411.58	275.46	47.581
#1	.15487	65.018	.00184	.00381	.00095	.00190	-.00303
#2	.15587	65.470	.00177	.00206	-.00195	-.00061	-.00151
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00778	-.00730	.00004	.00441	-.00023	.00235
SDev	.00054	.00388	.00032	.00019	.00014	.00092	.00038
%RSD	190.12	49.854	4.3906	467.16	3.0578	409.60	16.061
#1	-.00066	.00504	-.00707	-.00010	.00432	-.00088	.00208
#2	.00010	.01053	-.00752	.00018	.00451	.00043	.00261
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00043	.00003
SDev	.00113	.00090
%RSD	259.94	2820.7
#1	-.00036	-.00061
#2	.00123	.00067
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4104	--	--	--	--	--	--
SDev	9.705110	--	--	--	--	--	--
%RSD	.2364512	--	--	--	--	--	--
#1	4111	--	--	--	--	--	--
#2	4098	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849219 Operator: AH
Run Time: 09/02/08 18:52:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11211	.00258	.66415	.01995	.00003	47.698	-.00027
SDev	.00230	.00430	.00002	.00003	.00000	.167	.00015
%RSD	2.0480	166.84	.00270	.12294	7.1686	.35087	57.878
#1	.11374	.00561	.66417	.01997	.00002	47.579	-.00016
#2	.11049	-.00046	.66414	.01993	.00003	47.816	-.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.00189	.00041	.16638	1.2909	21.570	.03809
SDev	.00045	.00044	.00070	.00170	.0174	.007	.00004
%RSD	108.28	23.173	169.35	1.0244	1.3456	.03333	.09824
#1	-.00010	.00219	.00091	.16758	1.3032	21.565	.03811
#2	-.00073	.00158	-.00008	.16517	1.2786	21.575	.03806
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22942	80.466	.00099	.00089	.00041	.00057	.00104
SDev	.00099	.189	.00057	.00225	.00149	.00024	.00294
%RSD	.43148	.23538	57.426	253.14	364.28	42.639	282.39
#1	.22872	80.333	.00139	-.00070	.00146	.00074	.00312
#2	.23012	80.600	.00059	.00248	-.00064	.00040	-.00104
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00264	.00497	-.00092	.00019	.00355	-.00031	.00032
SDev	.00207	.00010	.00436	.00033	.00006	.00061	.00027
%RSD	78.370	2.0915	472.48	173.87	1.7762	200.75	83.366
#1	-.00118	.00504	.00216	.00042	.00360	.00013	.00051
#2	-.00410	.00490	-.00400	-.00004	.00351	-.00074	.00013
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00135	-.00002
SDev	.00260	.00056
%RSD	192.11	2437.3
#1	.00049	-.00042
#2	-.00319	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4108	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.1394170	--	--	--	--	--	--
#1	4112	--	--	--	--	--	--
#2	4104	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849220 Operator: AH
Run Time: 09/02/08 18:58:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11534	.00299	.52717	.02054	.00003	36.112	.00000
SDev	.00133	.00218	.00086	.00005	.00001	.013	.00007
%RSD	1.1529	73.005	.16410	.24485	20.501	.03546	1526.1
#1	.11440	.00145	.52656	.02058	.00003	36.121	.00005
#2	.11628	.00454	.52778	.02051	.00004	36.103	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00032	.00121	.01322	.90259	21.874	.02961
SDev	.00020	.00022	.00001	.00726	.00503	.034	.00003
%RSD	126.81	68.166	.96515	54.889	.55689	.15538	.11617
#1	.00029	.00048	.00121	.01835	.90614	21.898	.02964
#2	.00002	.00017	.00122	.00809	.89904	21.850	.02959
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11505	59.378	.00106	-.00125	-.00003	-.00044	.00188
SDev	.00032	.102	.00033	.00018	.00153	.00096	.00743
%RSD	.28190	.17099	31.439	14.244	4470.8	218.55	395.29
#1	.11528	59.306	.00130	-.00138	.00105	.00024	.00713
#2	.11482	59.450	.00083	-.00113	-.00112	-.00112	-.00337
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00755	-.00096	.00028	.00221	.00075	.00100
SDev	.00153	.01126	.00551	.00009	.00001	.00024	.00010
%RSD	379.52	149.17	576.17	32.428	.36436	32.569	10.285
#1	.00149	.01551	.00294	.00021	.00221	.00092	.00093
#2	-.00068	-.00041	-.00485	.00034	.00220	.00057	.00108
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00224	.00052
SDev	.00085	.00026
%RSD	37.863	48.807
#1	.00164	.00034
#2	.00284	.00070
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4095	--	--	--	--	--	--
SDev	13.15226	--	--	--	--	--	--
%RSD	.3211784	--	--	--	--	--	--
#1	4104	--	--	--	--	--	--
#2	4086	--	--	--	--	--	--

Analysis Report QC Standard 09/02/08 07:10:32 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/02/08 19:05:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.720	.49080	.49051	.49550	.49275	24.444	.49234
SDev	.138	.00219	.00069	.00280	.00223	.119	.00028
%RSD	.55665	.44659	.14088	.56423	.45240	.48874	.05709
#1	24.623	.48925	.49003	.49352	.49118	24.360	.49254
#2	24.818	.49235	.49100	.49748	.49433	24.529	.49214
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49407	.49482	.49384	25.000	25.361	24.311	.49407
SDev	.00041	.00046	.00190	.027	.022	.019	.00015
%RSD	.08275	.09278	.38493	.10876	.08828	.07761	.02976
#1	.49436	.49450	.49249	24.980	25.377	24.298	.49396
#2	.49378	.49515	.49518	25.019	25.346	24.324	.49417
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48835	24.784	.49367	.49490	.49497	.49494	.49434
SDev	.00191	.009	.00172	.00352	.00318	.00329	.00225
%RSD	.39105	.03498	.34829	.71161	.64255	.66555	.45575
#1	.48700	24.778	.49246	.49241	.49272	.49262	.49274
#2	.48970	24.790	.49489	.49739	.49721	.49727	.49593
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49510	.48858	.49722	.48802	.49636	.49107	.49344
SDev	.00008	.01171	.00924	.00233	.01014	.00009	.00054
%RSD	.01650	2.3975	1.8576	.47713	2.0421	.01738	.10940
#1	.49505	.49686	.49069	.48638	.48919	.49101	.49306
#2	.49516	.48030	.50375	.48967	.50353	.49113	.49382
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50415	.49843
SDev	.00550	.00019
%RSD	1.0903	.03806
#1	.50027	.49830
#2	.50804	.49857
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4063	--	--	--	--	--	--
SDev	11.98542	--	--	--	--	--	--
%RSD	.2950131	--	--	--	--	--	--
#1	4071	--	--	--	--	--	--
#2	4054	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/02/08 19:10:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00080	.00154	.00014	.00016	.00641	.00015
SDev	.00272	.00175	.00066	.00010	.00004	.00196	.00005
%RSD	464.33	218.09	42.820	72.641	25.077	30.576	36.216
#1	-.00134	-.00043	.00201	.00007	.00013	.00502	.00018
#2	.00251	.00204	.00108	.00021	.00019	.00779	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00027	.00040	.01305	.02088	.01206	.00015
SDev	.00000	.00010	.00002	.00787	.00915	.00162	.00009
%RSD	.02275	37.477	4.3048	60.311	43.796	13.477	60.247
#1	-.00023	.00035	.00039	.01862	.01442	.01321	.00022
#2	-.00023	.00020	.00041	.00749	.02735	.01091	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00385	-.00246	-.00022	.00071	-.00029	.00004	-.00064
SDev	.00064	.01114	.00027	.00174	.00142	.00037	.00131
%RSD	16.767	453.45	123.24	245.71	486.59	891.28	203.92
#1	.00430	-.01034	-.00003	-.00052	.00071	.00030	.00028
#2	.00339	.00542	-.00042	.00194	-.00129	-.00022	-.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.00453	-.00323	.00025	.00135	.00028	-.00117
SDev	.00223	.00030	.00182	.00016	.00236	.00018	.00009
%RSD	184.74	6.7071	56.269	66.459	174.12	66.177	7.8440
#1	.00279	.00474	-.00194	.00013	-.00031	.00015	-.00123
#2	-.00037	.00431	-.00451	.00036	.00302	.00041	-.00110
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00139	.00060
SDev	.00134	.00022
%RSD	96.132	37.270
#1	.00045	.00044
#2	.00234	.00075
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4054	--	--	--	--	--	--
SDev	3.924477	--	--	--	--	--	--
%RSD	.0967967	--	--	--	--	--	--
#1	4052	--	--	--	--	--	--
#2	4057	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: TWS

Primary Review: TWS Date: 9/4/08 Secondary Review: AH Date: 9/4/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-085-A	A090308	TRACE2	09/03/08	09:25		X	IR
2	STD 1 12-089-C	A090308	TRACE2	09/03/08	09:30		X	IR
3	STD 2 12-089-D	A090308	TRACE2	09/03/08	09:35		X	IR
4	STD 3 12-089-B	A090308	TRACE2	09/03/08	09:40		X	IR
5	STD 3 VER AH 9/4/08	A090308	TRACE2	09/03/08	09:45	TWS	B	CONC
6	ICV ~~12-085-E 12-089-E~~	A090308	TRACE2	09/03/08	09:51	TWS	Q	CONC
7	ICB 12-085-A	A090308	TRACE2	09/03/08	09:56	TWS	B	CONC
8	CRI 12-094-A	A090308	TRACE2	09/03/08	10:02	TWS	B	CONC
9	ICSA 12-094-B	A090308	TRACE2	09/03/08	10:07	TWS	Q	CONC
10	ICSAB 12-094-C	A090308	TRACE2	09/03/08	10:12	TWS	Q	CONC
11	CCV 12-093-F	A090308	TRACE2	09/03/08	10:19	TWS	Q	CONC
12	CCB 12-085-A	A090308	TRACE2	09/03/08	10:27	TWS	B	CONC
13	AD849334/PB	A090308	TRACE2	09/03/08	10:32	TWS	S	CONC
14	AD849333/CLPSI	A090308	TRACE2	09/03/08	10:38	TWS	S	CONC
15	AD849311 A533	A090308	TRACE2	09/03/08	10:43	TWS	S	CONC
16	AD849312	A090308	TRACE2	09/03/08	10:49	TWS	S	CONC
17	AD849314 A544	A090308	TRACE2	09/03/08	10:54	TWS	S	CONC
18	AD849314/L (1:5)	A090308	TRACE2	09/03/08	10:59	TWS	S	CONC
19	AD849314/PS	A090308	TRACE2	09/03/08	11:05	TWS	S	CONC
20	AD849315/MS	A090308	TRACE2	09/03/08	11:10	TWS	S	CONC
21	AD849316/SD	A090308	TRACE2	09/03/08	11:16	TWS	S	CONC
22	AD849317	A090308	TRACE2	09/03/08	11:21	TWS	S	CONC
23	CCV	A090308	TRACE2	09/03/08	11:29	TWS	Q	CONC
24	CCB	A090308	TRACE2	09/03/08	11:35	TWS	B	CONC
25	AD819318	A090308	TRACE2	09/03/08	11:40	TWS	S	CONC
26	AD849319	A090308	TRACE2	09/03/08	11:45	TWS	S	CONC
27	AD849320	A090308	TRACE2	09/03/08	11:51	TWS	S	CONC
28	AD849321 A546	A090308	TRACE2	09/03/08	11:56	TWS	S	CONC
29	AD849322	A090308	TRACE2	09/03/08	12:02	TWS	S	CONC
30	AD849323	A090308	TRACE2	09/03/08	12:07	TWS	S	CONC
31	AD849324 A547	A090308	TRACE2	09/03/08	12:12	TWS	S	CONC
32	AD849329 A549	A090308	TRACE2	09/03/08	12:18	TWS	S	CONC
33	AD849330	A090308	TRACE2	09/03/08	12:23	TWS	S	CONC
34	AD849331	A090308	TRACE2	09/03/08	12:28	TWS	S	CONC
35	CCV	A090308	TRACE2	09/03/08	12:37	TWS	Q	CONC
36	CCB	A090308	TRACE2	09/03/08	12:42	TWS	B	CONC
37	AD849332	A090308	TRACE2	09/03/08	12:48	TWS	S	CONC
38	AD849273/(1:5) A557	A090308	TRACE2	09/03/08	12:59	TWS	S	CONC
39	AD849423/(1:10) A562	A090308	TRACE2	09/03/08	13:04	TWS	S	CONC
40	AD849769/PB	A090308	TRACE2	09/03/08	13:39	TWS	S	CONC
41	AD849768/FB	A090308	TRACE2	09/03/08	13:45	TWS	S	CONC
42	AD849767 A631	A090308	TRACE2	09/03/08	13:50	TWS	S	CONC
43	AD849744 A529	A090308	TRACE2	09/03/08	13:55	TWS	S	CONC
44	AD849744/L (1:5)	A090308	TRACE2	09/03/08	14:01	TWS	S	CONC
45	AD849744/PS	A090308	TRACE2	09/03/08	14:06	TWS	S	CONC
46	AD849745/MS	A090308	TRACE2	09/03/08	14:12	TWS	S	CONC
47	CCV	A090308	TRACE2	09/03/08	14:20	TWS	Q	CONC
48	CCB	A090308	TRACE2	09/03/08	14:25	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD849746/SD	A090308	TRACE2	09/03/08	14:33	TWS	S	CONC
50	AD849747	A090308	TRACE2	09/03/08	14:38	TWS	S	CONC
51	AD849748	A090308	TRACE2	09/03/08	14:44	TWS	S	CONC
52	AD849749	A090308	TRACE2	09/03/08	14:49	TWS	S	CONC
53	AD849750	A090308	TRACE2	09/03/08	14:55	TWS	S	CONC
54	AD849751	A090308	TRACE2	09/03/08	15:00	TWS	S	CONC
55	AD849752	A090308	TRACE2	09/03/08	15:18	TWS	S	CONC
56	AD849753	A090308	TRACE2	09/03/08	15:24	TWS	S	CONC
57	AD849754 A595	A090308	TRACE2	09/03/08	15:29	TWS	S	CONC
58	AD849755	A090308	TRACE2	09/03/08	15:34	TWS	S	CONC
59	CCV	A090308	TRACE2	09/03/08	15:43	TWS	Q	CONC
60	CCB	A090308	TRACE2	09/03/08	15:48	TWS	B	CONC
61	AD849755/L (1:5)	A090308	TRACE2	09/03/08	15:53	TWS	S	CONC
62	AD849755/PS	A090308	TRACE2	09/03/08	15:59	TWS	S	CONC
63	AD849756/MS	A090308	TRACE2	09/03/08	16:04	TWS	S	CONC
64	AD849757/SD	A090308	TRACE2	09/03/08	16:10	TWS	S	CONC
65	AD849758	A090308	TRACE2	09/03/08	16:15	TWS	S	CONC
66	AD849759	A090308	TRACE2	09/03/08	16:20	TWS	S	CONC
67	AD849760	A090308	TRACE2	09/03/08	16:30	TWS	S	CONC
68	AD849761	A090308	TRACE2	09/03/08	16:36	TWS	S	CONC
69	AD849762	A090308	TRACE2	09/03/08	16:41	TWS	S	CONC
70	AD849763	A090308	TRACE2	09/03/08	16:46	TWS	S	CONC
71	CCV	A090308	TRACE2	09/03/08	16:55	TWS	Q	CONC
72	CCB	A090308	TRACE2	09/03/08	17:00	TWS	B	CONC
73	AD849764	A090308	TRACE2	09/03/08	17:06	TWS	S	CONC
74	AD849765 AG18	A090308	TRACE2	09/03/08	17:11	TWS	S	CONC
75	AD849766 AG19	A090308	TRACE2	09/03/08	17:16	TWS	S	CONC
76	AD849325 AS48	A090308	TRACE2	09/03/08	17:22	TWS	S	CONC
77	AD849326	A090308	TRACE2	09/03/08	17:27	TWS	S	CONC
78	AD849327	A090308	TRACE2	09/03/08	17:33	TWS	S	CONC
79	AD849328 AS49	A090308	TRACE2	09/03/08	17:38	TWS	S	CONC
80	AD848903/(1:5) A475	A090308	TRACE2	09/03/08	17:43	TWS	S	CONC
81	CCV	A090308	TRACE2	09/03/08	17:52	TWS	Q	CONC
82	CCB	A090308	TRACE2	09/03/08	17:57	TWS	B	CONC
83	STD BLK	A090308	TRACE2	09/03/08	18:15		X	IR
84	STD 1	A090308	TRACE2	09/03/08	18:20		X	IR
85	STD 2	A090308	TRACE2	09/03/08	18:25		X	IR
86	STD 3	A090308	TRACE2	09/03/08	18:30		X	IR
87	STD 3 VER	A090308	TRACE2	09/03/08	18:36	TWS	B	CONC
88	ICV	A090308	TRACE2	09/03/08	18:41	TWS	Q	CONC
89	ICB	A090308	TRACE2	09/03/08	18:46	TWS	B	CONC
90	CRI	A090308	TRACE2	09/03/08	18:52	TWS	B	CONC
91	ICSA	A090308	TRACE2	09/03/08	18:57	TWS	Q	CONC
92	ICSAB	A090308	TRACE2	09/03/08	19:03	TWS	Q	CONC
93	CCV	A090308	TRACE2	09/03/08	19:10	TWS	Q	CONC
94	CCB	A090308	TRACE2	09/03/08	19:15	TWS	B	CONC
95	AD849841/PB	A090308	TRACE2	09/03/08	19:20	TWS	S	CONC
96	AD849840/FB	A090308	TRACE2	09/03/08	19:26	TWS	S	CONC
97	AD849818 AS85	A090308	TRACE2	09/03/08	19:31	TWS	S	CONC
98	AD849819	A090308	TRACE2	09/03/08	19:36	TWS	S	CONC
99	AD849820	A090308	TRACE2	09/03/08	19:42	TWS	S	CONC
100	AD849820/L (1:5)	A090308	TRACE2	09/03/08	19:47	TWS	S	CONC
101	AD849820/PS	A090308	TRACE2	09/03/08	19:53	TWS	S	CONC
102	AD849821/MS	A090308	TRACE2	09/03/08	19:58	TWS	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD849822/SD	A090308	TRACE2	09/03/08	20:04	TWS	S	CONC
104	AD849823	A090308	TRACE2	09/03/08	20:09	TWS	S	CONC
105	CCV	A090308	TRACE2	09/03/08	20:17	TWS	Q	CONC
106	CCB	A090308	TRACE2	09/03/08	20:23	TWS	B	CONC
107	AD849824	A090308	TRACE2	09/03/08	20:28	TWS	S	CONC
108	AD849825	A090308	TRACE2	09/03/08	20:33	TWS	S	CONC
109	AD849826	A090308	TRACE2	09/03/08	20:39	TWS	S	CONC
110	AD849827	A090308	TRACE2	09/03/08	20:44	TWS	S	CONC
111	AD849828	A090308	TRACE2	09/03/08	20:50	TWS	S	CONC
112	AD849829	A090308	TRACE2	09/03/08	20:55	TWS	S	CONC
113	AD849830	A090308	TRACE2	09/03/08	21:00	TWS	S	CONC
114	AD849831	A090308	TRACE2	09/03/08	21:06	TWS	S	CONC
115	AD849832 A625	A090308	TRACE2	09/03/08	21:11	TWS	S	CONC
116	AD849833	A090308	TRACE2	09/03/08	21:17	TWS	S	CONC
117	CCV	A090308	TRACE2	09/03/08	21:25	TWS	Q	CONC
118	CCB	A090308	TRACE2	09/03/08	21:30	TWS	B	CONC
119	AD849834	A090308	TRACE2	09/03/08	21:36	TWS	S	CONC
120	AD849835	A090308	TRACE2	09/03/08	21:41	TWS	S	CONC
121	AD849836	A090308	TRACE2	09/03/08	21:47	TWS	S	CONC
122	AD849837	A090308	TRACE2	09/03/08	21:52	TWS	S	CONC
123	AD849838	A090308	TRACE2	09/03/08	21:57	TWS	S	CONC
124	AD849839	A090308	TRACE2	09/03/08	22:03	TWS	S	CONC
125	AD849674/PB	A090308	TRACE2	09/03/08	22:08	TWS	S	CONC
126	AD849673/FB	A090308	TRACE2	09/03/08	22:14	TWS	S	CONC
127	AD849653 A585	A090308	TRACE2	09/03/08	22:19	TWS	S	CONC
128	AD849654	A090308	TRACE2	09/03/08	22:25	TWS	S	CONC
129	CCV	A090308	TRACE2	09/03/08	22:33	TWS	Q	CONC
130	CCB	A090308	TRACE2	09/03/08	22:38	TWS	B	CONC
131	AD849655	A090308	TRACE2	09/03/08	22:44	TWS	S	CONC
132	AD849655/L (1:5)	A090308	TRACE2	09/03/08	22:49	TWS	S	CONC
133	AD849655/PS	A090308	TRACE2	09/03/08	22:55	TWS	S	CONC
134	AD849656/MS	A090308	TRACE2	09/03/08	23:00	TWS	S	CONC
135	AD849657/SD	A090308	TRACE2	09/03/08	23:05	TWS	S	CONC
136	AD849658	A090308	TRACE2	09/03/08	23:11	TWS	S	CONC
137	AD849659	A090308	TRACE2	09/03/08	23:16	TWS	S	CONC
138	AD849660	A090308	TRACE2	09/03/08	23:22	TWS	S	CONC
139	AD849661	A090308	TRACE2	09/03/08	23:27	TWS	S	CONC
140	AD849662	A090308	TRACE2	09/03/08	23:32	TWS	S	CONC
141	CCV	A090308	TRACE2	09/03/08	23:41	TWS	Q	CONC
142	CCB	A090308	TRACE2	09/03/08	23:46	TWS	B	CONC
143	AD849663	A090308	TRACE2	09/03/08	23:52	TWS	S	CONC
144	AD849664	A090308	TRACE2	09/03/08	23:57	TWS	S	CONC
145	AD849665	A090308	TRACE2	09/04/08	00:02	TWS	S	CONC
146	AD849666 A625	A090308	TRACE2	09/04/08	00:08	TWS	S	CONC
147	AD849667	A090308	TRACE2	09/04/08	00:13	TWS	S	CONC
148	AD849668	A090308	TRACE2	09/04/08	00:19	TWS	S	CONC
149	AD849669	A090308	TRACE2	09/04/08	00:24	TWS	S	CONC
150	AD849670	A090308	TRACE2	09/04/08	00:30	TWS	S	CONC
151	AD849671	A090308	TRACE2	09/04/08	00:35	TWS	S	CONC
152	AD849672	A090308	TRACE2	09/04/08	00:40	TWS	S	CONC
153	CCV	A090308	TRACE2	09/04/08	00:49	TWS	Q	CONC
154	CCB	A090308	TRACE2	09/04/08	00:54	TWS	B	CONC
155	CRI	A090308	TRACE2	09/04/08	01:06	TWS	B	CONC
156	ICSA	A090308	TRACE2	09/04/08	01:11	TWS	Q	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	ICSAB	A090308	TRACE2	09/04/08	01:16	TWS	Q	CONC
158	CCV	A090308	TRACE2	09/04/08	01:25	TWS	Q	CONC
159	CCB	A090308	TRACE2	09/04/08	01:30	TWS	B	CONC
160	STD BLK	A090308	TRACE2	09/04/08	01:48		X	IR
161	STD 1	A090308	TRACE2	09/04/08	01:53		X	IR
162	STD 2	A090308	TRACE2	09/04/08	01:58		X	IR
163	STD 3	A090308	TRACE2	09/04/08	02:03		X	IR
164	STD 3 VER	A090308	TRACE2	09/04/08	02:09	TWS	B	CONC
165	ICV	A090308	TRACE2	09/04/08	02:14	TWS	Q	CONC
166	ICB	A090308	TRACE2	09/04/08	02:19	TWS	B	CONC
167	CRI	A090308	TRACE2	09/04/08	02:25	TWS	B	CONC
168	ICSA	A090308	TRACE2	09/04/08	02:30	TWS	Q	CONC
169	ICSAB	A090308	TRACE2	09/04/08	02:36	TWS	Q	CONC
170	CCV	A090308	TRACE2	09/04/08	02:42	TWS	Q	CONC
171	CCB	A090308	TRACE2	09/04/08	02:48	TWS	B	CONC
172	AD849893/PB	A090308	TRACE2	09/04/08	02:53	TWS	S	CONC
173	AD849892/CLPSL	A090308	TRACE2	09/04/08	02:59	TWS	S	CONC
174	AD849870 A536	A090308	TRACE2	09/04/08	03:04	TWS	S	CONC
175	AD849871	A090308	TRACE2	09/04/08	03:10	TWS	S	CONC
176	AD849872	A090308	TRACE2	09/04/08	03:15	TWS	S	CONC
177	AD849873 A603	A090308	TRACE2	09/04/08	03:20	TWS	S	CONC
178	AD849874	A090308	TRACE2	09/04/08	03:26	TWS	S	CONC
179	AD849875	A090308	TRACE2	09/04/08	03:31	TWS	S	CONC
180	AD849876	A090308	TRACE2	09/04/08	03:37	TWS	S	CONC
181	AD849877	A090308	TRACE2	09/04/08	03:42	TWS	S	CONC
182	CCV	A090308	TRACE2	09/04/08	03:50	TWS	Q	CONC
183	CCB	A090308	TRACE2	09/04/08	03:56	TWS	B	CONC
184	AD849878	A090308	TRACE2	09/04/08	04:01	TWS	S	CONC
185	AD849879	A090308	TRACE2	09/04/08	04:07	TWS	S	CONC
186	AD849880	A090308	TRACE2	09/04/08	04:12	TWS	S	CONC
187	AD849881	A090308	TRACE2	09/04/08	04:18	TWS	S	CONC
188	AD849881/L (1:5)	A090308	TRACE2	09/04/08	04:23	TWS	S	CONC
189	AD849881/PS	A090308	TRACE2	09/04/08	04:28	TWS	S	CONC
190	AD849882/MS	A090308	TRACE2	09/04/08	04:34	TWS	S	CONC
191	AD849883/SD	A090308	TRACE2	09/04/08	04:39	TWS	S	CONC
192	AD849884	A090308	TRACE2	09/04/08	04:45	TWS	S	CONC
193	AD849885	A090308	TRACE2	09/04/08	04:50	TWS	S	CONC
194	CCV	A090308	TRACE2	09/04/08	04:58	TWS	Q	CONC
195	CCB	A090308	TRACE2	09/04/08	05:04	TWS	B	CONC
196	AD849886	A090308	TRACE2	09/04/08	05:09	TWS	S	CONC
197	AD849887 A629	A090308	TRACE2	09/04/08	05:15	TWS	S	CONC
198	AD849888	A090308	TRACE2	09/04/08	05:20	TWS	S	CONC
199	AD849889	A090308	TRACE2	09/04/08	05:26	TWS	S	CONC
200	AD849890 A634	A090308	TRACE2	09/04/08	05:31	TWS	S	CONC
201	AD849891	A090308	TRACE2	09/04/08	05:36	TWS	S	CONC
202	CCV	A090308	TRACE2	09/04/08	05:45	TWS	Q	CONC
203	CCB	A090308	TRACE2	09/04/08	05:50	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.05779	8.2661	41.0922	83.0084	50.476	18.519
2	As1890	-.00198	.45739	2.27521	4.59706	.99729	.37094
3	B_2496	.1172	1.43107	6.59468	13.1836	1.0037	.37191
4	Ba4934	-.00323	4.53016	22.6026	45.5732	1.0081	.37320
5	Be3130	.22211	7.39428	36.0458	71.5578	.99785	.37142
6	Ca3179	.01317			61.0009	50.325	18.598
7	Cd2265	-.00783	10.6458	52.2598	104.585	.99426	.37039
8	Co2286	-.00161	.62033	3.09352	6.21439	1.0012	.37071
9	Cr2677	.00186	1.87997	9.33284	18.7423	1.0001	.37181
10	Cu3247	.01329	.88339	4.35827	8.74889	1.0045	.37097
11	Fe2714	-.00037	1.78735	8.87374	17.7906	49.986	18.588
12	K_7664	-.05083			71.84	50.295	18.747
13	Mg2790	-.00273			109.861	50.207	18.406
14	Mn2576	.00136	1.33082	6.61097	13.2829	1.0014	.37146
15	Mo2020	.00758	.90963	4.51569	9.14098	1.0134	.38021
16	Na3302	-.00646			2.98683	50.157	18.824
17	Ni2316	-.07358	4.71316	23.5922	47.1059	.99676	.37125
18	2203/1	.01591	1.38956	6.68543	13.2576	.98481	.36874
19	2203/2	.02187	1.34018	6.72232	13.4421	1.0063	.37401
20	Sb2068	.00087	.31921	1.61623	3.26685	1.0167	.37716
21	1960/1	-.0087	.36182	1.65444	3.33702	.96381	.35519
22	1960/2	.01131	.59077	2.97545	5.86793	1.0051	.37319
23	Ti3372	.05941	5.45787	26.7699	53.701	1.0003	.37323
24	Tl1908	-.0132	.30306	1.54602	3.09537	1.0091	.37765
25	V_2924	.00062	.27931	1.38942	2.79159	1.0026	.37054
26	Zn2062	.00198	.19187	.93667	1.86734	.99390	.37300
27	Sn1899	.0041	1.4476	7.14191	14.4084	1.0009	.37506
28	Ag3280	-.0087	1.53845	7.68639	15.567	1.0047	.37282
29	*Y	4022.74	4059.9	4026.49	4033.54	4016.33	4009.58
30	PB2203					.99913	.37225
31	SE1960					.99131	.36719

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00011	.20471	515.94	508.45	24.652	.01841
2	As1890	.00061	.01131	-.00094	.11184	.49591	-.00002
3	B_2496	.00017	.02329	.00310	.04393	.49134	-.00073
4	Ba4934	.00015	.00214	.00109	.51009	.49561	.00009
5	Be3130	.00002	.00201	.00097	.49071	.49702	.00006
6	Ca3179	.00299	.50065	520.31	510.78	24.864	.01893
7	Cd2265	-.00012	.00129	.00124	.96973	.49467	.00007
8	Co2286	-.00054	.00435	.00025	.48641	.49558	-.00032
9	Cr2677	-.00009	.00488	-.00301	.48184	.49574	.00041
10	Cu3247	.00008	.01104	.00082	.51623	.49584	.00097
11	Fe2714	.00123	.07085	197.04	96.899	24.886	.00962
12	K_7664	-.00564	.46696	-.00683	-.00816	25.031	-.01347
13	Mg2790	.00561	.20489	505.38	493.36	24.505	.01617
14	Mn2576	.00005	.00318	.00143	.48141	.49561	.00012
15	Mo2020	.00206	.01038	.00114	.00051	.49465	-.00002
16	Na3302	.26213	1.2327	.14180	.30306	24.955	.13573
17	Ni2316	-.00009	.01041	.00084	.93793	.49626	.00043
18	2203/1	.00233	.00349	-.00741	.03959	.49219	-.00337

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	-.00161	.00679	.00061	.04948	.49937	.00013
20	Sb2068	.00341	.02378	.00460	.62504	.49554	-.00072
21	1960/1	.00593	.01076	-.00345	.04759	.47644	-.00201
22	1960/2	-.00057	.01199	-.00531	.05608	.49715	.00204
23	Ti3372	.00051	.00506	.00173	.00323	.48998	.00024
24	Tl1908	.00728	.02681	-.00769	.08814	.50007	.00263
25	V_2924	-.00004	.00619	-.00021	.50487	.49555	.00035
26	Zn2062	.00005	.01161	-.00502	.94563	.49616	.00012
27	Sn1899	-.00028	.00795	-.00123	.00124	.49821	-.00172
28	Ag3280	.00065	.00386	.00128	.21409	.49943	.00012
29	*Y	4027.54	4030.69	3758.78	3782.48	4018.91	4012.61
30	PB2203	-.00029	.00569	-.00205	.04619	.49698	-.00103
31	SE1960	.00159	.01158	-.00469	.05325	.49024	.00069

#	Element	AD8'4/PB	AD8'LPSL	AD849311	AD849312	AD849314	AD8'1:5)
1	Al3082	.00474	80.946	24.126	33.000	90.926	19.869
2	As1890	.00089	1.1931	.01944	.03436	.04207	.00755
3	B_2496	.00024	1.1899	.01340	.02953	.11282	.02575
4	Ba4934	.00023	2.0232	.10803	.18302	.77109	.16682
5	Be3130	-.00003	1.0439	.00104	.00124	.00843	.00181
6	Ca3179	.06407	86.868	12.192	26.795	H1198.8	235.65
7	Cd2265	-.00020	.92834	.00047	.00094	.00354	.00068
8	Co2286	-.00076	1.2183	.01005	.01365	.04227	.00909
9	Cr2677	.00045	1.9907	.03373	.04794	.74443	.16356
10	Cu3247	.00105	1.4026	.04835	.08195	.18076	.03893
11	Fe2714	.00509	139.29	33.905	41.165	163.84	36.302
12	K_7664	.02704	46.544	2.8123	4.4361	11.412	2.2264
13	Mg2790	.01104	41.477	4.6659	8.1658	97.073	21.111
14	Mn2576	.00019	4.4751	.56993	.83830	H15.637	3.5359
15	Mo2020	-.00036	1.0127	.00887	.00892	.01531	.00242
16	Na3302	.26436	7.7363	.77311	.52815	1.8419	.30452
17	Ni2316	.00000	1.0961	.02289	.03135	.11816	.02648
18	2203/1	.00260	1.4842	.08686	.16391	.67837	.14796
19	2203/2	-.00330	1.5022	.08814	.16466	.69234	.15177
20	Sb2068	-.00025	.44386	.00119	.00023	.00041	-.00064
21	1960/1	-.00010	.83612	-.00002	-.00047	-.00582	-.00133
22	1960/2	.00012	.85349	.00433	.00153	-.00246	.00044
23	Ti3372	.00069	4.2358	.95906	1.4118	2.0683	.46371
24	Tl1908	.00222	1.4045	.00745	.00383	-.00968	-.00165
25	V_2924	-.00049	1.0876	.04918	.07576	.17109	.03739
26	Zn2062	.00205	2.4901	.15109	.27880	.67222	.15072
27	Sn1899	H.03659	.86345	.01502	.02066	.02375	.00367
28	Ag3280	.00065	.73788	.00055	.00084	.00081	.00044
29	*Y	4012.12	4315.46	4129.35	4161.15	4266.15	4058.96
30	PB2203	-.00134	1.4962	.08771	.16441	.68769	.15050
31	SE1960	.00004	.84769	.00288	.00086	-.00358	-.00014

#	Element	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD849317	CCV	CCB
1	Al3082	107.20	106.28	97.122	74.740	24.544	.02900
2	As1890	.40968	.40554	.41395	.02200	.49114	-.00070
3	B_2496	.47575	.43217	.43199	.15274	.49045	.00053
4	Ba4934	1.1195	1.0853	1.0730	.58765	.49371	.00032
5	Be3130	.36790	.36580	.36849	.00979	.49282	.00009
6	Ca3179	H1168.0	H903.00	H860.62	C.00000	24.692	.03128
7	Cd2265	.34941	.35293	.35543	.00137	.49111	.00002
8	Co2286	.39290	.41005	.40824	.03148	.49305	-.00056
9	Cr2677	1.0642	.48422	.47829	.08886	.49313	.00018
10	Cu3247	.54553	.55694	.58792	.08725	.49233	.00108
11	Fe2714	176.17	195.82	223.49	79.650	24.802	.00644
12	K_7664	32.133	31.863	30.723	9.7824	24.946	-.01805
13	Mg2790	110.99	99.972	99.773	88.009	24.391	.02510
14	Mn2576	H15.431	6.4597	6.6700	8.3510	.49081	.00013
15	Mo2020	.38540	.36137	.37294	.00652	.49219	.00116
16	Na3302	20.535	20.200	20.276	2.4956	24.710	.29081
17	Ni2316	.45389	.47277	.47202	.07452	.49189	.00041
18	2203/1	.99711	.94471	1.0689	.29254	.48489	.00028
19	2203/2	1.0057	.95344	1.0805	.29721	.49999	-.00350
20	Sb2068	.36392	.10697	.13243	.00276	.49039	.00249
21	1960/1	.33946	.32900	.33627	-.00782	.47159	.00733
22	1960/2	.35373	.33854	.34514	.00359	.49121	-.00139
23	Ti3372	2.4634	2.0257	1.8447	1.9555	.48513	.00116
24	Tl1908	.33965	.34379	.33456	-.00086	.49087	.00442
25	V_2924	.53444	.54884	.52287	.11465	.49480	.00026
26	Zn2062	.97881	.98682	1.0335	.31410	.49262	.00018
27	Sn1899	.34432	.32754	.35463	.02576	.49700	.00053
28	Ag3280	.09416	.09583	.09669	.00056	.49645	.00065
29	*Y	4201.12	4202.18	4173.3	4188.11	4014.86	4031.51
30	PB2203	1.0029	.95054	1.0767	.29566	.49496	-.00224
31	SE1960	.34897	.33536	.34218	-.00020	.48467	.00151

#	Element	AD819318	AD849319	AD849320	AD849321	AD849322	AD849323
1	Al3082	84.905	170.98	95.262	108.50	82.956	99.246
2	As1890	.03676	.03234	.03386	.02769	.04462	.04133
3	B_2496	.09308	.62652	.09336	.17493	.07667	.08591
4	Ba4934	.82064	2.0408	.83414	1.0310	.75036	.93889
5	Be3130	.00453	.04841	.00499	.01722	.00719	.00559
6	Ca3179	501.47	C.00000	533.67	C.00000	561.52	442.41
7	Cd2265	.00120	.00261	.00184	.00156	.00476	.00250
8	Co2286	.07193	.01347	.07442	.02746	.05494	.07109
9	Cr2677	.11978	.06018	.13753	.09536	.14772	.15706
10	Cu3247	.15020	.11034	.16644	.07962	.20726	.17497
11	Fe2714	146.26	56.371	154.21	73.553	128.22	156.87
12	K_7664	20.744	11.414	22.311	11.316	12.589	16.866
13	Mg2790	151.89	76.260	125.77	86.044	91.940	120.42
14	Mn2576	4.2215	14.591	5.1294	9.0621	5.0328	5.6707
15	Mo2020	.00524	.00521	.00470	.00487	.00715	.00460
16	Na3302	1.8581	7.0560	1.9364	4.0987	2.6417	6.8708
17	Ni2316	.16311	.04776	.17181	.07004	.12545	.16632
18	2203/1	.08186	.43981	.09272	.16652	1.0725	.55514

#	Element	AD819318	AD849319	AD849320	AD849321	AD849322	AD849323
19	2203/2	.08064	.44660	.09515	.16705	1.0915	.55924
20	Sb2068	-.00046	-.00151	-.00048	.00165	.00178	-.00040
21	1960/1	-.00663	.01181	-.00704	.00026	-.00202	-.00150
22	1960/2	-.00106	.01864	-.00025	.00041	.00622	-.00133
23	Ti3372	2.1818	4.2407	2.0948	2.5183	1.9912	2.0644
24	Tl1908	-.00792	-.00607	-.00535	-.00313	-.00140	-.00763
25	V_2924	.16499	.05592	.18503	.12529	.15464	.18392
26	Zn2062	.48694	.37928	.53910	.36529	.80282	.81435
27	Sn1899	.01521	.03202	.01403	.03197	.03549	.01683
28	Ag3280	.00096	.00103	.00071	.00076	.00094	.00085
29	*Y	4236.56	4652.4	4255.5	4290.9	4175.74	4283.81
30	PB2203	.08105	.44434	.09434	.16688	1.0852	.55787
31	SE1960	-.00292	.01636	-.00251	.00036	.00347	-.00139

#	Element	AD849324	AD849329	AD849330	AD849331	CCV	CCB
1	Al3082	25.944	68.774	104.48	128.02	24.574	.03417
2	As1890	.02022	.15177	.03721	.05226	.49085	.00159
3	B_2496	.02158	.08940	.09475	.07189	.48705	-.00086
4	Ba4934	.19973	.88781	.96896	1.1086	.49629	.00036
5	Be3130	.00115	.00825	.00569	.00837	.49368	.00013
6	Ca3179	6.9752	136.54	512.00	224.56	24.762	.02980
7	Cd2265	.00022	.01833	.00157	.00306	.48889	.00000
8	Co2286	.01514	.08093	.09732	.09616	.49152	-.00024
9	Cr2677	.04266	.29595	.13496	.19972	.49186	.00038
10	Cu3247	.12542	19.886	.16176	.23261	.49394	.00044
11	Fe2714	82.338	156.78	159.64	247.52	24.791	.01668
12	K_7664	3.7204	4.9616	19.626	13.754	24.909	.00286
13	Mg2790	2.5097	28.879	179.00	76.171	24.260	.03039
14	Mn2576	1.9238	4.0351	8.2249	5.6840	.48886	.00020
15	Mo2020	.01457	.02346	.00347	.01887	.49063	.00132
16	Na3302	.77541	2.0782	1.7174	1.1681	24.716	.30500
17	Ni2316	.09758	.28034	.19425	.24017	.49201	.00007
18	2203/1	.06014	1.8996	.08872	.29699	.48463	.00124
19	2203/2	.06136	1.9437	.08987	.30460	.49506	-.00199
20	Sb2068	.00044	.00697	-.00048	-.00179	.48701	.00418
21	1960/1	-.00481	.01446	.00069	-.00001	.46577	-.00083
22	1960/2	.00151	.02406	-.00625	.00210	.49262	.00126
23	Ti3372	.37353	2.1890	2.2319	1.8487	.48441	.00112
24	Tl1908	-.00307	-.00522	-.00748	-.00926	.48956	-.00010
25	V_2924	.02899	.13165	.19930	.22478	.49426	.00040
26	Zn2062	.09404	8.6851	.47296	.60679	.48957	.00006
27	Sn1899	.03840	1.0707	.01910	.02232	.49472	.00057
28	Ag3280	.00063	.00398	.00055	.00070	.49544	.00078
29	*Y	4052.03	4318.12	4232.62	4277.81	3996.38	3997.95
30	PB2203	.06095	1.9290	.08949	.30207	.49158	-.00091
31	SE1960	-.00059	.02086	-.00393	.00139	.48366	.00056

#	Element	AD849332	AD8'1:5)	AD8':10)	AD8'9/PB	AD8'8/FB	AD849767
1	Al3082	88.247	.03039	.04209	.06507	10.103	.15941
2	As1890	.04527	.00206	.00820	-.00123	.21191	.06303
3	B_2496	.07916	.05048	1.3633	.00683	.20692	.74300
4	Ba4934	1.1787	.08645	.08075	.00017	.20574	.03126
5	Be3130	.00480	.00005	-.00004	-.00008	.20286	-.00001
6	Ca3179	429.57	33.242	15.806	.15668	10.347	53.752
7	Cd2265	.00560	-.00003	-.00019	-.00015	.20341	-.00011
8	Co2286	.05990	-.00034	.00342	-.00086	.20559	.00017
9	Cr2677	.17184	.00012	.00862	-.00013	.19770	-.00005
10	Cu3247	.23394	.00101	.00041	.00017	.20499	.00189
11	Fe2714	161.12	.22639	.94173	.00262	10.338	.12614
12	K_7664	16.919	.90018	35.863	-.01699	10.349	18.689
13	Mg2790	102.06	10.105	17.322	.00414	10.043	7.3468
14	Mn2576	3.3806	.02929	.12291	.00010	.20058	.45566
15	Mo2020	.01160	.00090	.00091	-.00041	.20537	.09130
16	Na3302	1.9439	108.29	143.66	.15611	10.476	7.9189
17	Ni2316	.17019	.00133	.02948	-.00001	.20086	.00296
18	2203/1	.77587	-.00453	.00255	.00152	.20062	.00199
19	2203/2	.78819	.00027	-.00344	-.00317	.20562	.00029
20	Sb2068	.00051	-.00098	-.00141	-.00110	.20160	.00464
21	1960/1	-.00350	-.00156	.00539	.00072	.19447	-.00100
22	1960/2	-.00016	.00555	-.00103	.00128	.20236	.00145
23	Ti3372	1.7817	.00041	.01399	.00045	.19765	.00066
24	Tl1908	-.00094	.00412	.00462	.00351	.20443	.00117
25	V_2924	.17106	.00004	.00683	-.00004	.20650	.00350
26	Zn2062	1.2348	.00013	.01048	.00108	.20145	.02321
27	Sn1899	.01956	-.00248	.00023	.00104	.20547	-.00098
28	Ag3280	.00093	-.00004	.00102	-.00015	.05098	-.00011
29	*Y	4208.62	3973.46	4011.94	4090.09	4084.91	4067.96
30	PB2203	.78409	-.00132	-.00144	-.00161	.20396	.00085
31	SE1960	-.00127	.00318	.00110	.00110	.19973	.00063

#	Element	AD849744	AD8'1:5)	AD8'4/PS	AD8'5/MS	CCV	CCB
1	Al3082	.14654	.03617	10.297	10.395	24.670	.02501
2	As1890	.01496	.00421	.22076	.24799	.49155	.00252
3	B_2496	3.0723	.59764	3.2041	3.3825	.48663	.00498
4	Ba4934	.07080	.01399	.27617	.35364	.49655	.00020
5	Be3130	.00001	-.00002	.20776	.20337	.49288	.00003
6	Ca3179	91.428	17.947	99.975	110.35	24.800	.02425
7	Cd2265	.00011	-.00010	.20517	.20052	.48821	.00011
8	Co2286	.00548	.00085	.21255	.21839	.49076	-.00019
9	Cr2677	.00190	.00034	.20188	.20233	.49103	.00031
10	Cu3247	.00421	.00089	.21187	.21700	.49467	-.00019
11	Fe2714	22.910	4.5810	32.793	67.537	24.743	.00821
12	K_7664	.63449	.11421	11.486	11.493	25.041	.00867
13	Mg2790	30.354	6.0255	39.924	40.877	24.351	.02636
14	Mn2576	2.9262	.58589	3.0545	8.3274	.48787	.00016
15	Mo2020	.00665	.00136	.21935	.21726	.49152	.00159
16	Na3302	40.901	8.4236	50.349	51.674	25.067	.27619
17	Ni2316	.01093	.00237	.21298	.21606	.49012	.00010
18	2203/1	-.00036	.00126	.20344	.20141	.49244	-.00054

#	Element	AD849744	AD8'1:5)	AD8'4/PS	AD8'5/MS	CCV	CCB
19	2203/2	-.00023	-.00148	.20454	.19892	.49593	-.00179
20	Sb2068	-.00102	.00369	.21095	.20825	.48881	.00051
21	1960/1	.00072	.00593	.19535	.19106	.47625	.00056
22	1960/2	.00355	.00243	.20704	.19475	.49484	.00188
23	Ti3372	.00303	.00142	.20715	.20437	.48942	.00041
24	Tl1908	-.00373	.00214	.20245	.19690	.49099	.00180
25	V_2924	.00242	.00042	.21475	.21344	.49747	-.00009
26	Zn2062	.01682	.00375	.21804	.22332	.48980	.00040
27	Sn1899	-.00006	.00160	.18939	.20683	.49086	-.00200
28	Ag3280	.00028	.00102	.05164	.05224	.49502	.00072
29	*Y	4029.19	4030.5	4046.4	4031.25	4011.38	4140.26
30	PB2203	-.00027	-.00057	.20418	.19975	.49477	-.00138
31	SE1960	.00261	.00360	.20314	.19352	.48864	.00144

#	Element	AD8'6/SD	AD849747	AD849748	AD849749	AD849750	AD849751
1	Al3082	10.203	2.8555	2.5841	.94333	.77486	3.6884
2	As1890	.24264	.00415	.02139	.00043	-.00004	.00207
3	B_2496	3.3190	.14162	.04862	.15009	.14765	.19665
4	Ba4934	.34753	.06996	.07624	.05454	.05068	.06635
5	Be3130	.20069	.00012	.00008	.00006	.00003	.00015
6	Ca3179	108.34	172.93	140.73	182.88	176.91	153.30
7	Cd2265	.19761	-.00024	-.00012	-.00014	.00004	.00000
8	Co2286	.21491	.00058	.00146	.00007	.00037	.00165
9	Cr2677	.19938	.01940	.01990	.02460	.01309	.01239
10	Cu3247	.21414	.00444	.00291	.00329	.00262	.00537
11	Fe2714	65.960	7.0962	5.3978	12.546	9.8014	7.0173
12	K_7664	11.256	2.4347	1.2818	2.4508	2.2403	3.2149
13	Mg2790	40.188	33.537	29.598	43.781	42.579	36.907
14	Mn2576	8.0256	.32561	.69083	.30018	.28719	.14855
15	Mo2020	.21449	.00578	.00167	.00164	.00211	.00349
16	Na3302	50.625	89.570	40.994	199.07	193.40	115.31
17	Ni2316	.21354	.01282	.00971	.01892	.01348	.01120
18	2203/1	.19492	.00322	-.00182	.00172	-.00165	.00072
19	2203/2	.19965	-.00185	.00035	-.00130	.00028	.00205
20	Sb2068	.20527	-.00138	.00333	-.00173	.00194	.00206
21	1960/1	.19045	-.00474	-.00366	-.00188	-.00246	-.00113
22	1960/2	.20084	-.00044	-.00530	-.00010	.00051	.00261
23	Ti3372	.20267	.09507	.07671	.01742	.01793	.12320
24	Tl1908	.19561	.00131	.00222	.00020	-.00143	.00309
25	V_2924	.21105	.00649	.00498	.00197	.00160	.00807
26	Zn2062	.22004	.01342	.00930	.01395	.00942	.01936
27	Sn1899	.20428	-.00100	.00077	-.00064	-.00077	.00124
28	Ag3280	.05174	.00014	.00042	.00035	.00048	.00090
29	*Y	4055.03	4040.03	4028.33	3984.75	4003.91	4026.41
30	PB2203	.19807	-.00016	-.00037	-.00029	-.00035	.00161
31	SE1960	.19737	-.00187	-.00475	-.00069	-.00047	.00136

#	Element	AD849752	AD849753	AD849754	AD849755	CCV	CCB
1	Al3082	.38557	1.7746	72.572	.06493	24.471	.02211
2	As1890	.00019	.00361	.20364	.00490	.49146	-.00104
3	B_2496	.14175	.11706	.19416	.03967	.48272	.00105
4	Ba4934	.06436	.06034	.56497	.02145	.49505	-.00006
5	Be3130	.00002	.00008	.00449	.00002	.48870	.00017
6	Ca3179	122.19	143.22	H1169.1	161.78	24.648	.01588
7	Cd2265	-.00017	-.00001	.00317	-.00020	.48514	.00004
8	Co2286	.00028	.00145	.08427	.00134	.48930	-.00006
9	Cr2677	.01408	.07949	.13139	.00093	.48878	.00019
10	Cu3247	.00267	.00409	.38071	.00028	.49138	-.00021
11	Fe2714	1.1316	2.6978	226.58	1.1531	24.577	.00261
12	K_7664	3.6694	1.8321	17.861	.99502	24.867	-.03324
13	Mg2790	27.086	34.751	297.73	36.236	24.221	.01140
14	Mn2576	.11851	.34319	9.2845	2.2326	.48498	.00012
15	Mo2020	.00542	.00835	.11461	.00149	.48915	.00026
16	Na3302	66.740	64.503	67.860	165.36	24.799	-.15784
17	Ni2316	.01052	.01064	.27613	.00485	.48567	.00025
18	2203/1	-.00297	.00042	.12846	-.00022	.48407	-.00628
19	2203/2	.00089	.00124	.13252	-.00165	.49821	.00182
20	Sb2068	.00213	.00099	.01259	-.00134	.49295	-.00311
21	1960/1	-.00214	-.00012	.00484	.00326	.46791	-.00316
22	1960/2	.00202	.00002	-.00847	-.00270	.49526	.00443
23	Ti3372	.00809	.03368	.83407	.00122	.49054	-.00017
24	Tl1908	.00113	.00274	L-.01354	.00328	.49218	.00705
25	V_2924	.00070	.00453	.18960	-.00037	.49899	.00009
26	Zn2062	.00835	.02108	.83419	.00553	.48927	.00019
27	Sn1899	-.00330	-.00120	.00996	.00000	.48962	-.00040
28	Ag3280	.00032	.00040	.00061	.00070	.49273	-.00075
29	*Y	4011.56	3998.51	4137.64	3995.4	3996.71	4012.99
30	PB2203	-.00039	.00097	.13117	-.00117	.49350	-.00087
31	SE1960	.00063	-.00002	-.00403	-.00071	.48614	.00190

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	AD849758	AD849759
1	Al3082	.04404	10.213	10.032	9.9825	16.228	4.5954
2	As1890	.00006	.22388	.21723	.21490	.01801	.10118
3	B_2496	.00663	.24543	.23969	.23901	.14388	2.2809
4	Ba4934	.00442	.22839	.22682	.22507	.14717	.34039
5	Be3130	.00013	.20896	.20200	.20170	.00093	.01314
6	Ca3179	32.425	170.45	174.02	172.45	148.76	12.012
7	Cd2265	-.00004	.20651	.19960	.19875	-.00011	.00490
8	Co2286	.00035	.21046	.20520	.20515	.01037	.03491
9	Cr2677	.00031	.20155	.19735	.19769	.09767	38.563
10	Cu3247	-.00045	.20855	.20387	.20363	.02405	2.9777
11	Fe2714	.23434	11.640	11.372	11.335	28.745	279.45
12	K_7664	.16643	12.334	12.235	12.118	10.015	268.67
13	Mg2790	7.4043	46.442	47.067	46.659	36.919	1.9936
14	Mn2576	.45048	2.3887	2.4436	2.4167	.95946	1.7359
15	Mo2020	.00177	.21738	.21147	.21174	.07078	H68.933
16	Na3302	33.052	173.21	177.39	175.62	180.95	H3760.6
17	Ni2316	.00119	.20790	.20074	.20084	.06081	.60706
18	2203/1	.00084	.19816	.19700	.19434	.00943	.76011

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	AD849758	AD849759
19	2203/2	-.00368	.20630	.20026	.20123	.01204	.77361
20	Sb2068	-.00082	.21673	.20911	.21106	.00172	.04192
21	1960/1	.00343	.20045	.19634	.18964	.00036	.02209
22	1960/2	-.00121	.21011	.20117	.20322	-.00077	-.01369
23	Ti3372	.00060	.20614	.19881	.19803	.38390	.31412
24	Tl1908	.00390	.20690	.20099	.19765	.00028	L-.03720
25	V_2924	.00022	.21584	.20813	.20780	.03723	.13789
26	Zn2062	.00173	.21115	.20234	.20209	.08643	.81154
27	Sn1899	-.00027	.18730	.20651	.20523	.00168	.05957
28	Ag3280	.00078	.05188	.05140	.05111	.00040	.00556
29	*Y	3994.09	3957.15	3951.94	3965.96	4033.91	3370.5
30	PB2203	-.00217	.20359	.19917	.19893	.01117	.76912
31	SE1960	.00033	.20689	.19956	.19869	-.00039	-.00176

#	Element	AD849760	AD849761	AD849762	AD849763	CCV	CCB
1	Al3082	12.226	34.565	.17081	1.9330	24.591	.01557
2	As1890	.01262	.04810	.00955	.01674	.50038	.00063
3	B_2496	.53984	.15618	.07796	.08196	.48557	-.00182
4	Ba4934	.09141	.25692	.05755	.06960	.49479	.00023
5	Be3130	.00077	.00187	.00011	.00017	.49393	.00025
6	Ca3179	281.92	211.13	148.17	150.54	25.003	.00666
7	Cd2265	.00007	.00014	-.00016	-.00009	.49468	.00003
8	Co2286	.00759	.02865	.00153	.00427	.49637	.00000
9	Cr2677	.02984	.05863	.00206	.01273	.49235	.00007
10	Cu3247	.02336	.05982	.00115	.00306	.49226	-.00018
11	Fe2714	30.455	52.862	2.3560	6.3589	24.888	.00760
12	K_7664	17.092	12.032	.60146	1.2062	25.097	-.00629
13	Mg2790	71.503	61.157	36.911	40.679	24.790	.00864
14	Mn2576	.68594	1.8240	.87407	1.0333	.48952	.00018
15	Mo2020	.02988	.06003	.00842	.01250	.49494	.00118
16	Na3302	H722.14	245.17	123.69	129.70	24.964	.20959
17	Ni2316	.03166	.09731	.00761	.01565	.49227	.00054
18	2203/1	.01213	.02435	-.00156	.00100	.49255	-.00043
19	2203/2	.01322	.02707	.00054	.00021	.50874	-.00075
20	Sb2068	.00321	.00013	.00056	.00025	.49097	.00550
21	1960/1	-.00749	.00626	.00033	.00129	.47846	-.00150
22	1960/2	.00527	.00425	.00037	-.00472	.50882	.00252
23	Ti3372	.30451	.54227	.00718	.06053	.49424	.00056
24	Tl1908	-.00044	.00244	-.00022	-.00077	.49665	-.00012
25	V_2924	.02954	.08070	.00091	.00337	.50497	.00041
26	Zn2062	.09877	.21437	.01661	.01624	.50142	.00040
27	Sn1899	.00133	.00256	-.00117	-.00075	.49958	-.00058
28	Ag3280	.00068	.00023	.00030	.00075	.49475	.00031
29	*Y	3902.25	4060.76	3990.98	3981.75	3982.76	3974.14
30	PB2203	.01286	.02617	-.00015	.00047	.50335	-.00064
31	SE1960	.00102	.00492	.00036	-.00272	.49870	.00118

#	Element	AD849764	AD849765	AD849766	AD849325	AD849326	AD849327
1	Al3082	17.671	.55013	.06420	49.806	38.105	108.17
2	As1890	.00899	-.00110	.00256	.10891	.17966	.06989
3	B_2496	.05216	.01662	.03393	.10582	.08005	.23412
4	Ba4934	1.0114	.01006	.04122	.70248	.75063	2.3899
5	Be3130	.00116	.00005	.00006	.01144	.00494	.01122
6	Ca3179	423.44	.92988	61.034	106.14	435.94	408.32
7	Cd2265	-.00011	-.00022	-.00022	.00495	.00563	.01641
8	Co2286	.01074	-.00061	-.00018	.07705	.04054	.49373
9	Cr2677	.05573	.00043	-.00016	.11659	.18336	5.1269
10	Cu3247	.02827	-.00031	.00075	.97947	.55556	1.0596
11	Fe2714	40.044	2.4344	.82018	252.81	170.68	745.90
12	K_7664	9.2438	.09118	1.8633	4.5268	6.6055	11.346
13	Mg2790	135.63	.44123	27.715	12.097	58.248	90.308
14	Mn2576	.95246	.00367	.01406	4.5876	1.8610	11.375
15	Mo2020	.00442	-.00012	.00012	.01888	.01766	.87034
16	Na3302	84.141	1.5203	19.878	4.1754	79.629	3.4787
17	Ni2316	.03662	.00037	.00088	.25411	.25871	7.3065
18	2203/1	.00743	.00003	-.00257	.61673	1.2336	.78800
19	2203/2	.01063	-.00086	-.00138	.63711	1.2684	.80006
20	Sb2068	.00208	-.00075	.00184	.01422	.01152	.01025
21	1960/1	.00056	-.00100	.00708	.01128	.01022	.00884
22	1960/2	.00410	-.00018	.00225	.01258	.00370	-.01515
23	Ti3372	.27006	.00932	.00056	1.7074	1.4018	1.5849
24	Tl1908	-.00135	.00285	.00385	L-.01617	L-.01114	L-.06409
25	V_2924	.03325	.00036	.00003	.08537	.11344	.70708
26	Zn2062	.07339	.00394	.98693	.75529	.96290	1.2693
27	Sn1899	.00111	-.00004	-.00004	.08622	.08519	.29682
28	Ag3280	.00022	.00028	.00036	.00138	.00157	.00343
29	*Y	3950.55	4039.61	4036.69	4335.94	4041.23	4496.93
30	PB2203	.00956	-.00056	-.00178	.63032	1.2568	.79604
31	SE1960	.00292	-.00045	.00386	.01215	.00587	-.00715

#	Element	AD849328	AD8'1:5)	CCV	CCB	STD BLK	STD 1
1	Al3082	88.462	8.2160	24.435	.01175	.06768	8.18752
2	As1890	.06100	.00378	.49615	.00098	.00025	.45787
3	B_2496	.07951	.00518	.48506	-.00199	.08933	1.37933
4	Ba4934	.74343	.04706	.49294	.00010	-.00139	4.49884
5	Be3130	.00544	.00046	.49121	.00023	.23128	7.3219
6	Ca3179	494.83	36.958	24.847	.00478	.01125	
7	Cd2265	.00154	-.00027	.49211	.00006	-.02022	10.6032
8	Co2286	.05984	.00610	.49359	-.00029	-.00366	.61818
9	Cr2677	.15756	.00965	.49074	.00020	-.00239	1.87491
10	Cu3247	.25410	.01545	.48919	-.00056	.00936	.86484
11	Fe2714	161.91	16.468	24.824	.01331	-.00012	1.79976
12	K_7664	15.740	1.3046	24.974	-.00224	-.07412	
13	Mg2790	134.31	9.8933	24.642	.00738	.00202	
14	Mn2576	4.8726	.59318	.48703	.00016	.00227	1.3169
15	Mo2020	.01209	.00112	.49088	.00100	0	.90759
16	Na3302	1.4504	.39971	24.857	-.07423	.00076	
17	Ni2316	.15147	.01344	.48978	-.00018	-.08844	4.64548
18	2203/1	.38915	.01253	.48672	.00032	.00796	1.36043

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#	Element	AD849328	AD8'1:5)	CCV	CCB	STD BLK	STD 1
19	2203/2	.39706	.01062	.50750	-.00061	.00092	1.35539
20	Sb2068	.00160	-.00260	.49359	.00319	-.0067	.31353
21	1960/1	.00254	-.00243	.46908	-.00109	-.01869	.32471
22	1960/2	-.00314	-.00126	.50293	.00159	.03389	.57776
23	Ti3372	2.0725	.25984	.49034	.00036	.0739	5.41912
24	Tl1908	L-.01020	.00137	.49076	.00256	.00536	.30472
25	V_2924	.18232	.01711	.50226	.00045	.0005	.2832
26	Zn2062	.71920	.04039	.49812	.00034	.00202	.19236
27	Sn1899	.02544	.00640	.49494	.00114	-.01846	1.41107
28	Ag3280	.00090	.00065	.49205	.00053	-.0043	1.51832
29	*Y	4169.03	4039.58	3981.34	3953.85	3951.86	3979.43
30	PB2203	.39443	.01126	.50058	-.00029		
31	SE1960	-.00124	-.00165	.49164	.00070		

#	Element	STD 2	STD 3	STD' VER	ICV	ICB	CRI
1	Al3082	40.6542	82.6576	50.360	18.550	.00494	.20237
2	As1890	2.28668	4.59991	.99391	.37081	.00242	.01102
3	B_2496	6.49031	13.0347	1.0047	.37223	.00082	.02090
4	Ba4934	22.5297	45.6642	1.0039	.37390	.00012	.00205
5	Be3130	35.6893	71.1515	.99722	.37312	.00010	.00201
6	Ca3179		61.2695	49.953	18.570	.00707	.49902
7	Cd2265	52.1778	103.835	.99000	.37139	.00017	.00116
8	Co2286	3.08942	6.17587	.99532	.37171	.00009	.00424
9	Cr2677	9.29335	18.6217	.99782	.37193	.00046	.00457
10	Cu3247	4.31273	8.70391	1.0048	.37324	.00017	.01059
11	Fe2714	8.94307	17.8789	49.895	18.629	.00830	.06019
12	K_7664		72.0389	50.071	18.713	.01845	.47898
13	Mg2790		109.141	50.121	18.549	.00824	.20838
14	Mn2576	6.52544	13.0871	.99901	.37224	.00008	.00307
15	Mo2020	4.51087	9.10004	1.0047	.37973	.00233	.01144
16	Na3302		3.02518	49.552	18.470	.05754	1.1375
17	Ni2316	23.4209	46.838	.99238	.37309	.00057	.01041
18	2203/1	6.65655	13.2437	.98888	.37081	.00255	.00658
19	2203/2	6.8437	13.5931	.99580	.37257	-.00213	.00488
20	Sb2068	1.62056	3.26885	1.0054	.37735	.00305	.02520↑
21	1960/1	1.65552	3.3189	.97947	.37264	.00236	.01992
22	1960/2	2.96955	5.98574	1.0208	.37857	-.00657	.01431
23	Ti3372	26.792	54.0032	.99751	.37343	.00066	.00493
24	Tl1908	1.52283	3.11504	1.0124	.37612	-.00233	.01571↓
25	V_2924	1.4069	2.81706	.99605	.37015	.00031	.00590
26	Zn2062	.94578	1.87553	.98891	.37397	.00019	.01132
27	Sn1899	7.16873	14.2663	.99624	.37798	.00285	.00873
28	Ag3280	7.60738	15.3944	1.0080	.37310	.00089	.00347
29	*Y	3972.9	3923.4	3926.78	3954.04	3942.71	3971.44
30	PB2203			.99350	.37198	-.00057	.00545
31	SE1960			1.0070	.37659	-.00359	.01618

#	Element	ICSA	ICSAB	CCV	CCB	AD8'1/PB	AD8'0/FB
1	Al3082	515.73	508.81	24.598	.03010	.07891	9.9257
2	As1890	-.00169	.11158	.49760	.00071	.00059	.20680
3	B_2496	.00213	.04328	.49439	.00095	.01052	.20908
4	Ba4934	.00108	.51305	.49567	.00017	.00009	.20216
5	Be3130	.00096	.49231	.49598	.00013	-.00007	.19903
6	Ca3179	521.51	514.80	24.797	.02796	.17930	10.117
7	Cd2265	.00003	.97496	.49303	.00023	.00020	.20067
8	Co2286	.00071	.48987	.49510	.00046	.00014	.20195
9	Cr2677	-.00230	.48332	.49458	.00099	.00035	.19424
10	Cu3247	.00059	.51661	.49551	.00056	.00074	.20054
11	Fe2714	196.69	97.222	24.755	.01569	.00469	10.066
12	K_7664	.00023	-.00656	25.005	.00874	-.00325	10.189
13	Mg2790	508.48	499.58	24.670	.01962	.00611	9.9375
14	Mn2576	.00140	.48444	.49490	.00010	.00002	.19815
15	Mo2020	.00264	.00179	.49245	.00214	.00024	.20208
16	Na3302	.02525	-.02575	24.660	-.04697	-.00049	10.126
17	Ni2316	.00095	.94134	.49544	.00119	.00052	.19844
18	2203/1	-.00923	.04636	.49374	-.00237	-.00157	.19671
19	2203/2	.00949	.05440	.49787	.00194	.00257	.20322
20	Sb2068	.00941	.63805	.49748	.00580	.00045	.20233
21	1960/1	-.00351	.04363	.49416	.00234	-.00107	.19596
22	1960/2	-.00775	.04034	.51213	-.00111	-.00394	.20091
23	Ti3372	.00142	.00280	.49187	.00038	.00003	.19383
24	Tl1908	-.02594	.08968	.50074	-.00018	-.00451	.19783
25	V_2924	.00027	.50713	.49431	.00035	.00008	.20041
26	Zn2062	-.00550	.95389	.49643	.00012	.00070	.19913
27	Sn1899	-.00214	-.00009	.50334	.00033	.00170	.20627
28	Ag3280	.00086	.21453	.49965	.00031	-.00002	.05036
29	*Y	3700.05	3708.45	3961.24	3955.2	4016.44	4028.89
30	PB2203	.00325	.05172	.49649	.00050	.00119	.20105
31	SE1960	-.00633	.04144	.50613	.00003	-.00299	.19926

#	Element	AD849818	AD849819	AD849820	AD8'1:5)	AD8'0/PS	AD8'1/MS
1	Al3082	.78299	.13148	.07177	.01701	10.276	10.229
2	As1890	-.00202	.00098	.00159	-.00157	.21518	.21727
3	B_2496	.19917	.07389	.11342	.02226	.31832	.31424
4	Ba4934	.09674	.09469	.03590	.00718	.24173	.24252
5	Be3130	.00007	.00002	.00002	.00000	.20771	.20279
6	Ca3179	285.45	159.45	248.45	49.139	250.94	251.79
7	Cd2265	-.00006	.00001	.00011	.00001	.20499	.19916
8	Co2286	.00131	.00015	.00144	.00032	.20631	.20201
9	Cr2677	.00148	.00123	.00099	.00060	.20061	.19625
10	Cu3247	.00373	.00115	.00188	.00091	.20927	.20599
11	Fe2714	1.3421	2.5970	.28851	.05770	10.720	10.449
12	K_7664	15.917	11.295	4.3325	.74942	15.367	15.265
13	Mg2790	55.502	63.267	102.25	20.403	109.99	109.66
14	Mn2576	1.0284	.21851	.20997	.04220	.41138	.40337
15	Mo2020	.00730	.00657	.00863	.00152	.22176	.21391
16	Na3302	141.81	188.29	56.926	11.465	65.950	65.668
17	Ni2316	.00657	.00139	.00407	.00156	.20356	.19913
18	2203/1	.00235	-.00219	-.00165	-.00372	.19995	.19755

#	Element	AD849818	AD849819	AD849820	AD8'1:5)	AD8'0/PS	AD8'1/MS
19	2203/2	-.00180	.00007	.00188	.00157	.20212	.19700
20	Sb2068	.00273	.00160	.00341	.00101	.21207	.20895
21	1960/1	.00546	-.00022	.00515	-.00035	.20762	.20209
22	1960/2	-.00684	-.00219	-.00020	.00068	.20937	.20456
23	Ti3372	.02967	.00182	.00132	.00062	.20543	.20007
24	Tl1908	-.00286	-.00386	-.00359	-.00566	.20497	.19645
25	V_2924	.00146	.00023	.00008	.00026	.21047	.20357
26	Zn2062	.00936	.00181	.01215	.00231	.21150	.20585
27	Sn1899	.00101	-.00160	.00075	.00004	.18910	.20464
28	Ag3280	.00067	.00006	.00005	-.00006	.05170	.05226
29	*Y	3932.18	3928.16	3943.65	3977.44	3960.19	3942.83
30	PB2203	-.00041	-.00068	.00071	-.00019	.20140	.19719
31	SE1960	-.00274	-.00154	.00157	.00033	.20878	.20373

#	Element	AD8'2/SD	AD849823	CCV	CCB	AD849824	AD849825
1	Al3082	10.270	2.7888	24.702	.00629	.16796	.06432
2	As1890	.21364	.00458	.49399	-.00131	.00270	.00756
3	B_2496	.31670	.29468	.49475	-.00026	.11421	.16641
4	Ba4934	.24310	.08121	.49624	.00010	.06622	.11647
5	Be3130	.20327	.00030	.49869	.00009	.00003	.00004
6	Ca3179	251.70	452.57	24.838	.01238	152.16	205.83
7	Cd2265	.19907	.00251	.49441	.00022	.00000	.00000
8	Co2286	.20251	.00463	.49527	.00009	.00067	.00193
9	Cr2677	.19658	.00407	.49555	.00046	.00042	.00081
10	Cu3247	.20663	.00398	.49790	.00041	.00122	.00107
11	Fe2714	10.461	4.3217	24.845	.01007	1.8281	4.1129
12	K_7664	15.245	7.1635	25.060	.00587	12.789	4.2146
13	Mg2790	109.53	147.68	24.739	.01000	55.971	101.30
14	Mn2576	.40368	1.4826	.49557	.00007	.25270	.97149
15	Mo2020	.21565	.00786	.49116	.00236	.00851	.01145
16	Na3302	65.960	H1042.4	24.631	-.09365	256.99	274.52
17	Ni2316	.19970	.00638	.49659	.00000	.00286	.00363
18	2203/1	.19726	.00142	.49218	.00028	-.00056	.00029
19	2203/2	.19891	-.00068	.49865	-.00037	.00197	-.00095
20	Sb2068	.21028	.00275	.49388	.00682	.00198	.00453
21	1960/1	.20347	.00331	.48552	.00281	.00575	.00725
22	1960/2	.20298	-.00306	.51009	-.00358	-.00171	-.00138
23	Ti3372	.20050	.09217	.49172	.00005	.00455	.00122
24	Tl1908	.19720	-.00146	.50612	-.00268	-.00387	-.00343
25	V_2924	.20409	.00458	.49290	.00049	.00020	-.00009
26	Zn2062	.20704	.01532	.49715	.00000	.00392	.00327
27	Sn1899	.21191	-.00002	.50373	-.00035	.00070	.00108
28	Ag3280	.05257	-.00027	.50086	.00057	.00005	.00037
29	*Y	3954.64	3729.08	3957.11	3946.73	3916.5	3884.85
30	PB2203	.19836	.00002	.49649	-.00015	.00112	-.00054
31	SE1960	.20314	-.00094	.50190	-.00145	.00077	.00149

#	Element	AD849826	AD849827	AD849828	AD849829	AD849830	AD849831
1	Al3082	.32111	5.3451	.42016	6.0037	.03801	.03188
2	As1890	.00509	.04125	.00128	.00945	.00557	.00041
3	B_2496	.06090	.12952	.07819	.17665	.27678	.00673
4	Ba4934	.12183	.09323	.06622	.11043	.08714	.00013
5	Be3130	.00006	.00031	.00002	.00019	-.00001	-.00009
6	Ca3179	197.97	159.92	156.66	109.34	139.73	.14033
7	Cd2265	.00462	-.00003	-.00005	.00061	.00007	.00009
8	Co2286	.00232	.01647	.00130	.00479	.00038	.00012
9	Cr2677	.00265	.55708	.00111	.00923	.00076	.00059
10	Cu3247	.00342	.18226	.00130	.01497	.00117	.00113
11	Fe2714	1.3680	21.476	2.9546	9.3667	6.5991	.00329
12	K_7664	19.604	22.624	12.493	6.5029	9.6681	.00705
13	Mg2790	82.470	65.108	61.050	24.552	56.731	.01071
14	Mn2576	.17785	.25793	.22136	4.0865	.41108	.00012
15	Mo2020	.00427	.01763	.00720	.01259	.00457	.00065
16	Na3302	66.989	197.77	220.89	81.465	74.559	.15914
17	Ni2316	.00480	.25413	.00300	.01365	.00133	.00102
18	2203/1	.00014	.01228	.00312	.00749	-.00031	-.00004
19	2203/2	.00295	.01252	.00013	.01283	-.00123	-.00018
20	Sb2068	.00392	.00520	.00277	.00358	.00133	.00077
21	1960/1	-.00165	-.00096	.00630	-.00026	.00056	.00606
22	1960/2	-.00261	-.00095	-.00354	.00490	-.00182	-.00396
23	Ti3372	.01029	.12558	.01468	.15213	.00056	.00028
24	Tl1908	-.00618	-.00680	-.00313	-.00630	-.00277	-.00167
25	V_2924	.00106	.01197	.00063	.01252	.00012	.00043
26	Zn2062	.03291	.03942	.00453	.04643	.00117	.00069
27	Sn1899	.00061	.00024	.00167	.00120	.00155	.00087
28	Ag3280	-.00011	-.00026	.00012	.00006	.00013	.00045
29	*Y	3928.12	3948.11	3914.55	4025.1	3974.4	4027.73
30	PB2203	.00201	.01244	.00113	.01105	-.00092	-.00014
31	SE1960	-.00229	-.00095	-.00025	.00318	-.00103	-.00061

#	Element	AD849832	AD849833	CCV	CCB	AD849834	AD849835
1	Al3082	.37064	.68112	24.693	.00274	.31024	.11273
2	As1890	.01059	.00194	.49262	-.00175	.00962	.00328
3	B_2496	.37969	.11669	.49478	-.00082	.38988	.27656
4	Ba4934	.07846	.07873	.49504	.00002	.07853	.19146
5	Be3130	-.00001	.00007	.49734	.00007	.00000	.00005
6	Ca3179	155.74	183.48	24.705	.01163	157.08	238.40
7	Cd2265	.00005	.00032	.49375	.00006	-.00013	-.00008
8	Co2286	.00068	.00302	.49337	-.00047	.00047	.00027
9	Cr2677	.00076	.01017	.49521	.00023	.00038	-.00009
10	Cu3247	.00118	.00402	.49641	.00032	.00159	.00146
11	Fe2714	13.350	1.8078	24.831	.00193	12.201	7.2895
12	K_7664	5.1834	14.088	25.103	-.00255	5.2481	6.3166
13	Mg2790	43.539	56.525	24.652	.00322	44.349	71.991
14	Mn2576	.32759	.40750	.49498	.00000	.32853	.22246
15	Mo2020	.00480	.00838	.48976	.00089	.00415	.00505
16	Na3302	33.417	294.08	24.621	-.02005	34.023	393.63
17	Ni2316	.00152	.19015	.49516	.00002	.00144	.00272
18	2203/1	.00083	.00091	.49293	-.00072	.00123	.00002

#	Element	AD849832	AD849833	CCV	CCB	AD849834	AD849835
19	2203/2	-.00018	.00065	.49547	.00192	.00052	-.00088
20	Sb2068	.00228	.00009	.49258	.00406	.00195	.00208
21	1960/1	.00147	.00273	.48982	.00335	.00546	.00572
22	1960/2	-.00303	-.00579	.50253	-.00444	-.00502	-.00124
23	Ti3372	.01356	.02071	.48806	-.00008	.01302	.00318
24	Tl1908	-.00482	-.00295	.49700	-.00091	-.00383	-.00594
25	V_2924	.00055	.00120	.48825	.00004	.00008	.00007
26	Zn2062	.00324	.01564	.49514	-.00007	.00305	.00241
27	Sn1899	.00155	.00178	.50146	-.00021	.00216	-.00123
28	Ag3280	.00032	.00044	.50261	.00006	.00007	.00003
29	*Y	3970.35	3894.79	3946.46	3952.84	3959.93	3857.74
30	PB2203	.00015	.00074	.49462	.00104	.00076	-.00057
31	SE1960	-.00152	-.00295	.49829	-.00184	-.00152	.00107

#	Element	AD849836	AD849837	AD849838	AD849839	AD8'4/PB	AD8'3/FB
1	Al3082	51.002	.13134	.16282	.06381	.06629	10.104
2	As1890	.05436	.00016	.00650	.00016	.00225	.20689
3	B_2496	.31793	.32940	.27547	.00864	.01029	.21415
4	Ba4934	.24365	.07272	.18831	.00025	.00015	.20472
5	Be3130	.00330	.00000	.00005	-.00008	-.00009	.20316
6	Ca3179	122.97	128.54	233.41	.21476	.18765	10.286
7	Cd2265	.00033	.00015	-.00001	.00008	.00005	.20380
8	Co2286	.03491	.00052	-.00005	.00024	.00010	.20452
9	Cr2677	.06054	.00023	-.00008	.00052	.00053	.19789
10	Cu3247	.11460	.00127	.00199	.00097	.00104	.20456
11	Fe2714	107.55	7.3056	7.5541	.00503	.00677	10.265
12	K_7664	15.363	11.044	6.1886	.01694	.00089	10.348
13	Mg2790	47.159	45.878	70.439	.01671	.00518	10.042
14	Mn2576	1.6150	.05461	.22034	.00009	.00010	.20105
15	Mo2020	.03876	.01283	.00490	.00072	.00042	.20381
16	Na3302	10.826	218.73	385.82	.12987	.00507	10.355
17	Ni2316	.08676	.00130	.00321	.00070	.00059	.20213
18	2203/1	.11332	-.00022	.00269	.00186	-.00114	.19969
19	2203/2	.11295	-.00043	-.00208	-.00126	.00035	.20323
20	Sb2068	.00224	.00124	.00170	.00165	.00317	.20475
21	1960/1	.00586	.00046	.00504	.00888	.00449	.19743
22	1960/2	-.00313	-.00287	-.00530	-.00783	-.00504	.20517
23	Ti3372	.48291	.00551	.00309	.00034	.00013	.19484
24	Tl1908	L-.01265	-.00439	-.00286	-.00348	-.00249	.19923
25	V_2924	.08598	.00012	-.00043	.00030	.00026	.20021
26	Zn2062	.38643	.00209	.00240	.00063	.00122	.20175
27	Sn1899	.00971	.00195	.00102	.00001	.00426	.20818
28	Ag3280	.00062	.00038	.00002	.00060	.00034	.05168
29	*Y	4095.19	3911.1	3870	4016.18	4014.79	4021.28
30	PB2203	.11308	-.00036	-.00049	-.00022	-.00014	.20205
31	SE1960	-.00013	-.00175	-.00185	-.00226	-.00186	.20259

#	Element	AD849653	AD849654	CCV	CCB	AD849655	AD8'1:5)
1	Al3082	.07453	.04389	24.622	.00127	.04786	.01234
2	As1890	-.00058	.00059	.48587	.00026	.00203	-.00117
3	B_2496	.20079	.07223	.49314	-.00037	.11201	.02175
4	Ba4934	.09227	.09137	.49394	.00014	.03429	.00697
5	Be3130	.00006	.00000	.49602	.00005	.00004	.00002
6	Ca3179	279.40	157.05	24.565	.00987	239.79	47.861
7	Cd2265	.00011	-.00007	.49167	.00014	.00021	-.00002
8	Co2286	.00121	.00025	.49102	.00048	.00064	.00040
9	Cr2677	.00044	.00047	.49325	.00060	.00009	.00057
10	Cu3247	.00403	.00111	.49449	.00158	.00244	.00136
11	Fe2714	.05875	1.8660	24.722	.01249	.02425	-.00088
12	K_7664	15.277	11.206	25.122	-.00459	4.2572	.75401
13	Mg2790	55.421	62.133	24.462	.00615	99.035	19.796
14	Mn2576	1.0697	.20583	.49349	.00008	.01717	.00345
15	Mo2020	.00547	.00432	.48877	.00183	.00762	.00168
16	Na3302	143.39	184.86	24.697	.05392	55.434	11.318
17	Ni2316	.00574	.00091	.49308	.00111	.00304	.00166
18	2203/1	-.00102	-.00240	.49462	-.00005	-.00363	-.00182
19	2203/2	-.00045	.00011	.49030	.00026	.00233	.00049
20	Sb2068	.00137	-.00031	.48711	.00445	.00064	.00211
21	1960/1	.00784	.00214	.49112	.00249	-.00175	.00320
22	1960/2	-.00222	-.00258	.49230	-.00241	-.00419	-.00502
23	Ti3372	.00096	.00212	.48513	.00045	.00000	.00017
24	Tl1908	-.00241	-.00334	.49668	.00097	-.00397	-.00343
25	V_2924	-.00017	-.00020	.48414	.00071	-.00008	.00040
26	Zn2062	.00583	.00210	.49152	.00019	.01055	.00193
27	Sn1899	.00311	-.00009	.50188	.00153	-.00022	.00191
28	Ag3280	-.00015	-.00036	.50398	.00055	-.00056	-.00043
29	*Y	3905.85	3908.85	3944.78	3957.68	3940.43	3958.28
30	PB2203	-.00064	-.00072	.49174	.00015	.00034	-.00027
31	SE1960	.00113	-.00101	.49190	-.00078	-.00338	-.00227

#	Element	AD8'5/PS	AD8'6/MS	AD8'7/SD	AD849658	AD849659	AD849660
1	Al3082	10.330	10.328	10.222	.04768	.04765	.04871
2	As1890	.21334	.21452	.21244	.00352	.00022	.00835
3	B_2496	.31678	.32034	.32112	.29545	.11584	.16113
4	Ba4934	.24214	.24455	.24213	.06925	.06441	.10708
5	Be3130	.20933	.20491	.20299	.00021	.00002	.00001
6	Ca3179	244.70	252.85	253.16	448.15	151.43	194.37
7	Cd2265	.20604	.20081	.19923	.00184	.00023	.00008
8	Co2286	.20615	.20279	.20102	.00387	.00140	.00158
9	Cr2677	.20064	.19727	.19592	.00063	.00060	.00053
10	Cu3247	.20982	.20796	.20655	.00220	.00161	.00134
11	Fe2714	10.480	10.305	10.213	.97935	1.1887	3.3673
12	K_7664	15.459	15.497	15.453	5.6033	12.855	4.4824
13	Mg2790	107.16	110.06	110.19	145.00	55.360	94.507
14	Mn2576	.22389	.22064	.21905	1.4517	.25514	.86912
15	Mo2020	.21962	.21502	.21283	.00665	.00787	.01144
16	Na3302	64.571	66.468	66.720	H1039.7	253.90	267.83
17	Ni2316	.20318	.19955	.19793	.00343	.00242	.00323
18	2203/1	.19699	.19703	.19257	-.00432	-.00246	.00139

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#	Element	AD8'5/PS	AD8'6/MS	AD8'7/SD	AD849658	AD849659	AD849660
19	2203/2	.20130	.19748	.19655	.00065	.00163	-.00167
20	Sb2068	.21354	.20661	.21103	.00318	.00170	.00433
21	1960/1	.20312	.19805	.20243	-.00040	.00244	.00577
22	1960/2	.20903	.20316	.20393	-.00034	-.00148	-.00606
23	Ti3372	.20282	.19836	.19660	.00011	.00002	.00033
24	Tl1908	.20197	.20009	.19846	-.00358	-.00275	-.00599
25	V_2924	.20800	.20261	.20101	.00019	.00049	.00032
26	Zn2062	.21094	.20464	.20369	.00601	.00266	.00285
27	Sn1899	.19098	.20950	.20201	.00291	.00183	.00092
28	Ag3280	.05186	.05239	.05198	.00001	.00084	.00069
29	*Y	3930.68	3917.03	3912.04	3696.3	3883.39	3895.24
30	PB2203	.19986	.19733	.19522	-.00100	.00026	-.00065
31	SE1960	.20706	.20146	.20343	-.00036	-.00017	-.00211

#	Element	AD849661	AD849662	CCV	CCB	AD849663	AD849664
1	Al3082	.04653	.03945	24.709	-.00338	.04588	.07368
2	As1890	.00379	.00657	.48663	-.00170	.00151	.00261
3	B_2496	.06433	.12582	.49544	-.00029	.07549	.17223
4	Ba4934	.12035	.06743	.49526	.00011	.06372	.05673
5	Be3130	.00002	.00001	.49849	.00005	.00007	.00000
6	Ca3179	197.40	156.85	24.641	.00860	154.41	109.42
7	Cd2265	.00037	-.00010	.49378	.00004	.00006	.00011
8	Co2286	.00200	.00862	.49268	.00011	.00124	.00078
9	Cr2677	.00037	.00045	.49467	.00057	.00059	.00066
10	Cu3247	.00175	.00154	.49677	.00128	.00131	.00491
11	Fe2714	.92282	1.5444	24.809	.00656	1.1532	.16568
12	K_7664	19.798	20.331	25.230	.00651	11.826	4.6938
13	Mg2790	81.567	62.222	24.466	.00372	60.135	23.880
14	Mn2576	.16800	.17431	.49481	-.00003	.20322	.07514
15	Mo2020	.00525	.00786	.48879	.00241	.00697	.00680
16	Na3302	66.978	200.69	24.638	-.08687	207.91	82.287
17	Ni2316	.00405	.11270	.49531	.00048	.00235	.00220
18	2203/1	-.00384	.00012	.49508	-.00031	-.00036	.00215
19	2203/2	.00124	.00046	.49086	-.00057	-.00033	-.00036
20	Sb2068	.00111	-.00124	.49092	.00353	.00259	.00251
21	1960/1	-.00516	.00106	.48626	.00572	.00281	.00600
22	1960/2	.00057	-.00592	.49757	-.00173	-.00427	-.00089
23	Ti3372	.00031	-.00005	.48475	.00017	.00029	.00107
24	Tl1908	-.00378	-.00077	.49670	-.00110	-.00528	-.00248
25	V_2924	.00017	-.00019	.48267	.00027	-.00019	.00054
26	Zn2062	.01075	.00272	.49373	.00006	.00219	.00241
27	Sn1899	-.00110	.00098	.50407	.00014	.00288	.00216
28	Ag3280	.00004	.00003	.50516	.00010	.00030	.00045
29	*Y	3916.69	3895.12	3927.75	3920.62	3878.4	3937.12
30	PB2203	-.00044	.00035	.49227	-.00049	-.00034	.00047
31	SE1960	-.00133	-.00359	.49379	.00074	-.00191	.00140

#	Element	AD849665	AD849666	AD849667	AD849668	AD849669	AD849670
1	Al3082	.04560	.04302	.04830	.03559	.04210	.49556
2	As1890	.00343	.00554	-.00070	.00574	.00231	.00295
3	B_2496	.29401	.40786	.12149	.39736	.27992	.24906
4	Ba4934	.09051	.07484	.07781	.07507	.19233	.06414
5	Be3130	.00000	-.00001	.00002	-.00001	.00006	.00010
6	Ca3179	143.15	155.72	184.12	156.39	240.61	105.10
7	Cd2265	-.00013	.00003	.00038	-.00009	.00001	.00009
8	Co2286	.00024	.00035	.00363	.00012	.00042	.00122
9	Cr2677	.00018	.00003	.00291	-.00003	.00026	.00040
10	Cu3247	.00162	.00188	.00166	.00095	.00140	.00958
11	Fe2714	6.2617	9.3179	1.0163	9.4100	6.0109	.69032
12	K_7664	10.063	5.1633	13.893	5.1886	6.4790	2.4911
13	Mg2790	58.471	43.292	55.943	43.582	72.298	26.641
14	Mn2576	.41665	.32455	.41239	.31999	.21766	.16091
15	Mo2020	.00282	.00402	.00770	.00461	.00318	.00213
16	Na3302	76.814	35.801	301.20	34.373	392.06	10.979
17	Ni2316	.00098	.00163	.23453	.00092	.00283	.00318
18	2203/1	-.00169	-.00114	-.00297	.00073	-.00232	.01073
19	2203/2	.00048	.00072	.00171	-.00190	.00087	.00555
20	Sb2068	-.00086	.00048	.00275	.00179	-.00132	.00115
21	1960/1	.00539	.00949	.00349	.01167	.00232	.01192
22	1960/2	.00015	-.00218	-.00239	-.00778	.00122	-.00456
23	Ti3372	.00006	.00011	-.00001	.00006	-.00039	.00171
24	Tl1908	-.00449	-.00399	-.00573	-.00562	-.00270	-.00429
25	V_2924	-.00018	-.00005	.00022	-.00027	-.00031	.00043
26	Zn2062	.00153	.00210	.01053	.00192	.00201	.01406
27	Sn1899	-.00074	.00219	.00178	.00136	.00070	.00200
28	Ag3280	-.00059	.00000	.00063	.00073	-.00001	.00017
29	*Y	3937.69	3981.98	3876.23	3948.64	3846.15	3972.56
30	PB2203	-.00023	.00010	.00015	-.00102	-.00018	.00727
31	SE1960	.00190	.00171	-.00043	-.00130	.00159	.00093

#	Element	AD849671	AD849672	CCV	CCB	CRI	ICSA
1	Al3082	.06908	.07207	24.628	.00370	.19429	526.23
2	As1890	.00171	.00470	.48524	.00031	.01222	-.00105
3	B_2496	.33834	.27124	.49811	.00085	.01959	.00065
4	Ba4934	.07419	.18490	.49481	.00023	.00203	.00104
5	Be3130	.00001	.00004	.49919	.00018	.00200	.00110
6	Ca3179	130.95	230.52	24.605	.01896	.49716	532.85
7	Cd2265	-.00004	-.00003	.49488	.00020	.00105	.00150
8	Co2286	.00009	.00021	.49226	.00044	.00426	.00124
9	Cr2677	-.00003	.00035	.49401	.00058	.00417	-.00224
10	Cu3247	.00150	.00125	.49612	.00209	.01133	.00247
11	Fe2714	6.5759	5.8321	24.819	.01335	.05559	204.11
12	K_7664	11.290	6.2370	25.102	.00581	.46681	-.02064
13	Mg2790	46.742	69.370	24.450	.00789	.19941	517.93
14	Mn2576	.05448	.20852	.49476	.00011	.00296	.00145
15	Mo2020	.01251	.00243	.48754	.00260	.01058	.00209
16	Na3302	221.69	378.49	24.358	.12088	1.0614	-.01498
17	Ni2316	.00053	.00271	.49669	.00097	.01033	.00157
18	2203/1	-.00052	-.00211	.49036	-.00170	.00348	-.00577

#	Element	AD849671	AD849672	CCV	CCB	CRI	ICSA
19	2203/2	-.00126	-.00026	.49106	.00157	.00541	.00736
20	Sb2068	.00045	.00252	.48942	-.00056	.02359	.00499
21	1960/1	.00372	-.00159	.48561	-.00154	.02109	-.00015
22	1960/2	-.00753	-.00231	.49414	-.00288	.01482	-.00985
23	Ti3372	.00007	-.00024	.48260	.00028	.00476	.00141
24	Tl1908	-.00609	.00031	.49883	-.00232	.01681	-.01363
25	V_2924	.00004	-.00012	.47921	.00068	.00512	-.00021
26	Zn2062	.00108	.00077	.49431	.00034	.01112	-.00490
27	Sn1899	.00066	.00147	.50032	.00039	.00652	.00236
28	Ag3280	-.00021	-.00014	.50558	.00038	.00314	.00055
29	*Y	3892.09	3837.11	3926.85	3914.06	3949.31	3582.11
30	PB2203	-.00102	-.00088	.49083	.00048	.00477	.00299
31	SE1960	-.00377	-.00207	.49129	-.00243	.01691	-.00662

#	Element	ICSAB	CCV	CCB	STD BLK	STD 1	STD 2
1	Al3082	510.79	24.364	-.00568	.0587	8.12669	40.5016
2	As1890	.11042	.48374	.00250	-.01236	.44955	2.26179
3	B_2496	.04210	.49596	-.00046	.08251	1.35891	6.5601
4	Ba4934	.51487	.49127	.00011	.00356	4.48824	22.4625
5	Be3130	.49720	.49533	.00010	.23302	7.34626	35.9489
6	Ca3179	512.74	24.420	.01218	.01515		
7	Cd2265	.97587	.49423	.00010	-.00993	10.6657	52.6838
8	Co2286	.48663	.49165	-.00019	-.00432	.61686	3.09372
9	Cr2677	.48303	.49407	.00049	.00573	1.87397	9.32408
10	Cu3247	.52016	.49232	.00102	.01833	.8773	4.31557
11	Fe2714	97.212	24.802	.00124	-.00025	1.81007	9.01306
12	K_7664	-.00663	25.214	.00786	-.05628		
13	Mg2790	491.67	24.253	.00755	-.00038		
14	Mn2576	.48367	.49446	.00000	.00127	1.3171	6.55589
15	Mo2020	.00229	.48846	.00270	.00522	.90094	4.49668
16	Na3302	.10440	24.374	.15555	.00891		
17	Ni2316	.95041	.49312	.00057	-.05208	4.66807	23.5722
18	2203/1	.04183	.48989	.00268	-.01375	1.36807	6.65981
19	2203/2	.05465	.48693	.00026	.00891	1.35812	6.78933
20	Sb2068	.62496	.48927	.00182	.00318	.31867	1.61151
21	1960/1	.04450	.48727	.00671	-.02075	.31476	1.65441
22	1960/2	.04478	.48650	-.00728	.02165	.5854	2.92919
23	Ti3372	.00278	.47844	.00039	.08353	5.31869	26.2761
24	Tl1908	.08999	.49388	-.00201	.01448	.30925	1.51864
25	V_2924	.49041	.47749	.00000	.00152	.27407	1.36641
26	Zn2062	.94748	.49250	.00000	.00178	.19274	.95204
27	Sn1899	.00250	.50305	.00050	-.02114	1.416	7.19641
28	Ag3280	.21657	.50646	.00087	.00089	1.53965	7.71194
29	*Y	3666.79	3921.38	3907.2	3926.62	3958.69	3928.91
30	PB2203	.05038	.48792	.00107			
31	SE1960	.04468	.48675	-.00262			

#	Element	STD 3	STD' VER	ICV	ICB	CRI	ICSA
1	Al3082	82.4291	50.637	18.548	.00369	.19785	513.33
2	As1890	4.54039	.99595	.36829	.00186	.01357	.00084
3	B_2496	13.1651	1.0117	.37612	.00014	.02057	.00252
4	Ba4934	45.6741	1.0123	.37410	.00010	.00197	.00093
5	Be3130	71.7999	1.0013	.37310	.00009	.00198	.00096
6	Ca3179	61.242	50.140	18.566	.00741	.49413	516.39
7	Cd2265	105.023	.99055	.37176	.00010	.00097	.00117
8	Co2286	6.1885	.99801	.37178	.00006	.00391	.00137
9	Cr2677	18.6974	.99877	.37177	-.00009	.00386	-.00259
10	Cu3247	8.70712	1.0074	.37106	.00062	.01040	.00155
11	Fe2714	18.0361	49.873	18.584	.00310	.04846	196.17
12	K_7664	73.1301	50.237	18.711	-.00615	.44411	-.01631
13	Mg2790	108.726	50.037	18.502	.00743	.20387	503.80
14	Mn2576	13.1553	.99912	.37145	.00009	.00301	.00154
15	Mo2020	9.07679	1.0073	.37971	.00242	.01072	.00161
16	Na3302	3.01684	49.876	18.528	-.05425	.97874	-.20037
17	Ni2316	47.2644	.99861	.37335	-.00036	.00948	.00080
18	2203/1	13.2723	.98884	.37305	.00344	.00720	-.00871
19	2203/2	13.5241	.99945	.37433	.00031	.00287	.01043
20	Sb2068	3.25985	1.0160	.38138	.00183	.02225	.00206
21	1960/1	3.29634	.99005	.37651	.00583	.01800	-.00802
22	1960/2	5.87333	1.0122	.37391	-.00218	.01510	-.00344
23	Ti3372	53.2211	1.0069	.37505	.00046	.00494	.00124
24	Tl1908	3.11611	1.0251	.37998	-.00383	.01087	-.01324
25	V_2924	2.74553	1.0006	.37145	.00000	.00490	.00014
26	Zn2062	1.88889	.99208	.37497	.00033	.01082	-.00473
27	Sn1899	14.4029	.99797	.37662	.00340	.01185	.00309
28	Ag3280	15.611	1.0074	.37279	.00017	.00302	.00047
29	*Y	3897.79	3885.86	3912.45	3922.43	3959.96	3669.23
30	PB2203		.99592	.37390	.00135	.00432	.00405
31	SE1960		1.0048	.37478	.00048	.01607	-.00497

#	Element	ICSAB	CCV	CCB	AD8'3/PB	AD8'LPSL	AD849870
1	Al3082	508.72	24.580	.00661	.01223	77.058	17.657
2	As1890	.11119	.48782	.00561	.00228	1.2321	.01689
3	B_2496	.04329	.49549	.00025	.00103	1.2558	.02070
4	Ba4934	.51073	.49347	.00003	.00040	2.0564	.11318
5	Be3130	.49121	.49471	.00009	.00000	1.0805	.00092
6	Ca3179	509.82	24.572	.01447	.10848	87.472	15.694
7	Cd2265	.97144	.49172	.00026	.00020	.95771	.00070
8	Co2286	.48642	.49184	.00046	.00007	1.2544	.04484
9	Cr2677	.48188	.49234	.00010	.00002	2.0614	.07790
10	Cu3247	.51484	.49281	.00046	.00189	1.4395	.48922
11	Fe2714	96.699	24.629	.01409	.01628	139.91	58.638
12	K_7664	.00340	24.847	-.01585	.03515	46.752	1.6452
13	Mg2790	493.77	24.328	.01092	.00598	41.959	11.911
14	Mn2576	.48180	.49235	.00012	.00064	4.6715	.61225
15	Mo2020	.00114	.48909	.00134	.00059	1.0497	.01019
16	Na3302	-.21926	24.382	-.07894	-.17635	7.7042	.18056
17	Ni2316	.94361	.49520	-.00028	-.00055	1.1353	.06795
18	2203/1	.04284	.48600	.00306	.00375	1.5428	.20863

#	Element	ICSAB	CCV	CCB	AD8'3/PB	AD8'LPSL	AD849870
19	2203/2	.05096	.48910	-.00029	.00037	1.5541	.20261
20	Sb2068	.62738	.48777	-.00235	.00279	.55731	.00171
21	1960/1	.04443	.48014	.00540	-.00118	.87871	.01393
22	1960/2	.04536	.49066	-.00106	-.00046	.88944	.00370
23	Ti3372	.00265	.48666	.00014	.00015	4.1928	.30933
24	Tl1908	.09737	.49951	-.00180	-.00672	1.4764	-.00690
25	V_2924	.50258	.48881	-.00036	-.00008	1.0919	.02910
26	Zn2062	.94424	.49159	.00020	.00393	2.5430	.34973
27	Sn1899	.00492	.50110	.00021	H.03640	.96974	.04825
28	Ag3280	.21402	.49884	.00022	.00012	.79897	-.00008
29	*Y	3672.9	3923.66	3900.53	3885.3	4256.29	3945.45
30	PB2203	.04826	.48807	.00082	.00150	1.5503	.20462
31	SE1960	.04505	.48715	.00109	-.00070	.88586	.00711

#	Element	AD849871	AD849872	AD849873	AD849874	AD849875	AD849876
1	Al3082	42.169	8.5159	86.189	140.57	91.791	65.810
2	As1890	.07655	.01206	.22545	.18182	.20555	.11345
3	B_2496	.03016	.01562	.17150	.27585	.24351	.30980
4	Ba4934	.41262	.12479	1.0116	1.8796	1.0431	.86567
5	Be3130	.00360	.00059	.01243	.01974	.01181	.00827
6	Ca3179	128.75	7.7566	564.57	H744.71	584.92	H747.58
7	Cd2265	.00168	.00020	.01466	.00985	.16142	.00967
8	Co2286	.06591	.02420	.05358	.04053	.05575	.03537
9	Cr2677	.05260	.07501	1.1038	.47306	1.2356	5.9226
10	Cu3247	.77032	.04782	H163.91	.87221	2.0392	2.6134
11	Fe2714	108.04	38.584	397.75	295.14	348.02	705.51
12	K_7664	4.5577	1.0733	7.7715	12.802	10.008	3.9543
13	Mg2790	35.024	4.9240	91.025	123.39	106.21	151.14
14	Mn2576	2.7608	.30792	H39.318	H32.780	H23.744	H109.27
15	Mo2020	.01816	.00425	.01593	.01404	.04542	.08332
16	Na3302	.73326	.49776	2.3560	3.9695	4.2997	2.1655
17	Ni2316	.10729	.04575	1.0593	.21996	.31602	.21960
18	2203/1	1.0721	.20072	6.6727	1.9368	9.3247	.98263
19	2203/2	1.0816	.19945	6.7364	1.9428	9.3553	.97459
20	Sb2068	.00849	.00408	.13589	.01453	.00676	.01567
21	1960/1	.00132	.00104	.01071	.00623	.01326	.02078
22	1960/2	.00165	-.00252	-.01118	-.00939	-.00735	-.01495
23	Ti3372	.94867	.39918	2.9586	3.9007	3.4648	H10.376
24	Tl1908	-.00381	-.00435	L-.03077	L-.02527	L-.02118	L-.03658
25	V_2924	.14781	.01974	.64831	.24656	.44932	3.5420
26	Zn2062	.69434	.10236	6.5826	3.5008	H17.394	.84983
27	Sn1899	.11032	.06242	H7.6357	.07430	.08768	.08988
28	Ag3280	.00136	.00031	.02309	.00161	.00642	.00529
29	*Y	4149.45	3917.1	4013.25	4123.91	4047.08	3920.25
30	PB2203	1.0784	.19988	6.7152	1.9408	9.3451	.97727
31	SE1960	.00154	-.00133	-.00388	-.00418	-.00048	-.00304

#	Element	AD849877	CCV	CCB	AD849878	AD849879	AD849880
1	Al3082	70.722	24.663	.06201	27.674	60.158	82.745
2	As1890	.54776	.48631	.00241	.11052	.22388	.16344
3	B_2496	.16380	.49835	.00017	.13431	.18307	.19733
4	Ba4934	.94377	.49292	-.00001	.46408	.98108	.93443
5	Be3130	.01084	.49736	.00014	.00472	.00750	.01213
6	Ca3179	472.50	24.649	.01661	139.76	441.24	471.96
7	Cd2265	.02440	.49623	.00007	.00456	.00605	.00845
8	Co2286	.04428	.49635	.00013	.03686	.03908	.03747
9	Cr2677	1.2475	.49521	-.00022	.09147	1.2348	.58903
10	Cu3247	1.7383	.49406	.00062	.24279	.29246	.55276
11	Fe2714	493.39	24.954	.02079	454.24	247.99	303.65
12	K_7664	6.4270	25.002	-.02646	4.6398	5.8948	6.6538
13	Mg2790	83.263	24.613	.00827	31.068	282.33	91.049
14	Mn2576	H35.470	.49875	.00106	9.1206	H51.311	H21.677
15	Mo2020	.04562	.49238	.00138	.00908	.01295	.01807
16	Na3302	2.1614	24.424	-.05750	1.0599	1.2112	1.6405
17	Ni2316	.19588	.49815	.00002	.08530	.09389	.13282
18	2203/1	2.6208	.49824	.00242	.48223	.70327	1.2447
19	2203/2	2.6176	.49045	-.00123	.47900	.70086	1.2542
20	Sb2068	.02284	.48568	.00045	.00583	.00712	.00576
21	1960/1	.01601	.48515	-.00116	.01102	.00516	.01342
22	1960/2	-.01545	.48593	.00193	-.00888	-.00956	-.00693
23	Ti3372	3.2877	.47978	.00049	1.0086	4.6831	2.8581
24	Tl1908	L-.02584	.49798	-.00810	L-.01216	L-.02187	L-.01750
25	V_2924	.59826	.49159	-.00032	.13488	.79346	.36082
26	Zn2062	3.0992	.49403	.00094	2.2286	.95069	1.1102
27	Sn1899	.22535	.50264	.00064	.06278	.05974	.05569
28	Ag3280	.00298	.50369	-.00021	.00089	.00179	.00176
29	*Y	4234.24	3888.9	3900.38	3946.39	3916.05	4022.06
30	PB2203	2.6187	.49305	-.00001	.48007	.70166	1.2510
31	SE1960	-.00496	.48567	.00090	-.00224	-.00465	-.00015

#	Element	AD849881	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD849884
1	Al3082	78.031	16.320	94.978	72.555	126.88	71.760
2	As1890	.29084	.06580	.67882	.49098	.64047	.08806
3	B_2496	.26163	.05633	.64824	.37374	.64631	.14722
4	Ba4934	.91441	.18997	1.2765	.88456	1.8048	.57120
5	Be3130	.01361	.00301	.40055	.25285	.37858	.00385
6	Ca3179	H750.46	156.38	H746.94	419.70	H635.14	375.36
7	Cd2265	.03309	.00680	.40814	.25417	.36823	.00610
8	Co2286	.05137	.01131	.43447	.27637	.41705	.04032
9	Cr2677	1.0058	.21964	1.3468	.60113	.77298	1.6567
10	Cu3247	1.1036	.22880	1.4741	1.0993	1.3812	3.5034
11	Fe2714	685.50	150.94	682.67	362.04	525.66	437.76
12	K_7664	6.2871	1.1588	27.725	18.355	31.813	6.3894
13	Mg2790	137.76	30.212	153.21	83.201	129.18	72.113
14	Mn2576	H47.983	11.595	H47.006	H19.387	H30.851	H42.874
15	Mo2020	.04728	.01063	.44537	.26005	.38440	.02179
16	Na3302	2.5027	.44901	22.352	14.524	22.253	1.2876
17	Ni2316	.25634	.05659	.62084	.44947	.64043	.15615
18	2203/1	1.6750	.37615	1.9971	1.3466	1.7849	.68281

#	Element	AD849881	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD849884
19	2203/2	1.6714	.36960	1.9830	1.3443	1.7662	.67739
20	Sb2068	.01005	.00458	.40735	.15621	.22071	.03443
21	1960/1	.00359	.00866	.38522	.18828	.29861	.00703
22	1960/2	-.02440	-.00279	.35618	.17480	.26902	-.01786
23	Ti3372	6.0022	1.2513	6.1705	2.4259	4.3626	3.3106
24	Tl1908	L-.03960	-.00588	.35450	.23068	.34278	L-.01857
25	V_2924	1.1213	.24177	1.4784	.54425	.66169	.83845
26	Zn2062	2.4617	.56037	2.7419	1.7507	2.1637	1.2429
27	Sn1899	.10210	.02299	.44948	.27428	.40717	.14425
28	Ag3280	.00316	.00092	.10399	.06621	.09872	.00197
29	*Y	3923.89	3919.31	3913.16	4004.51	4129.99	3946.65
30	PB2203	1.6726	.37178	1.9877	1.3451	1.7724	.67920
31	SE1960	L-.01507	.00102	.36585	.17929	.27888	-.00956

#	Element	AD849885	CCV	CCB	AD849886	AD849887	AD849888
1	Al3082	61.353	24.901	.06144	86.710	50.339	51.062
2	As1890	.13001	.49260	.00274	.21048	.04102	.04412
3	B_2496	.15808	.50166	-.00004	.31488	.08843	.04121
4	Ba4934	.71009	.49347	.00002	2.8434	.54177	.55859
5	Be3130	.00656	.50404	.00016	.01143	.00292	.00285
6	Ca3179	223.79	25.038	.01085	457.09	250.37	124.69
7	Cd2265	.00915	.50224	.00011	.09157	.00148	.00169
8	Co2286	.06681	.50264	.00019	.05844	.04399	.04320
9	Cr2677	.53359	.50055	-.00014	1.8410	.07020	.12149
10	Cu3247	.54634	.49783	.00107	3.6326	.23468	.54236
11	Fe2714	H756.47	25.207	.01135	504.44	111.13	104.41
12	K_7664	11.732	25.135	-.01958	7.1617	8.2949	7.3682
13	Mg2790	27.684	24.987	.00377	70.994	69.447	37.621
14	Mn2576	H19.313	.50266	.00053	H59.832	3.1837	3.0567
15	Mo2020	.01890	.49602	.00221	.03789	.00676	.01497
16	Na3302	1.4798	24.539	-.04785	2.3811	1.6160	1.6691
17	Ni2316	.26101	.50485	-.00040	.47040	.08256	.09322
18	2203/1	.78235	.50038	.00175	7.3571	1.4709	.92635
19	2203/2	.77138	.49618	-.00041	7.2810	1.4631	.92324
20	Sb2068	.00924	.49068	-.00051	.03298	.00536	.00151
21	1960/1	.01639	.50406	.00345	.01091	.00367	.00717
22	1960/2	-.01950	.49532	.00006	-.02541	.00096	.00340
23	Ti3372	1.4823	.48123	.00030	4.7571	1.1482	1.1037
24	Tl1908	-.00607	.50553	-.00592	L-.01115	-.00613	-.00221
25	V_2924	.31962	.49566	-.00036	.74997	.11738	.11958
26	Zn2062	1.9012	.50074	.00055	H11.360	.60961	.56240
27	Sn1899	.07928	.50504	.00052	.29104	.06028	.06747
28	Ag3280	.00233	.50464	-.00008	.00723	.00213	.00165
29	*Y	4015.12	3889.39	3864.3	4138.12	4136.66	4161.94
30	PB2203	.77503	.49758	.00031	7.3063	1.4657	.92428
31	SE1960	-.00753	.49823	.00119	L-.01330	.00186	.00466

#	Element	AD849889	AD849890	AD849891	CCV	CCB	
1	Al3082	33.248	108.12	92.050	24.936	.06367	
2	As1890	.03276	.08504	.05142	.49208	.00128	
3	B_2496	.02840	.02378	.01348	.50340	-.00121	
4	Ba4934	.43626	.73087	.41536	.48857	.00002	
5	Be3130	.00201	.00448	.00321	.50609	.00018	
6	Ca3179	115.77	17.866	5.7918	25.085	.01120	
7	Cd2265	.00086	.00156	.00188	.50442	.00005	
8	Co2286	.02771	.11445	.07649	.50434	.00002	
9	Cr2677	.05027	.14818	.11145	.50303	-.00037	
10	Cu3247	.18429	.12525	.06618	.49792	.00106	
11	Fe2714	71.940	241.99	173.79	25.320	.01237	
12	K_7664	5.0328	9.8251	4.7959	25.102	-.01105	
13	Mg2790	31.355	40.499	25.233	25.083	.00588	
14	Mn2576	2.8124	5.2628	2.8522	.50557	.00044	
15	Mo2020	.00527	.00157	.00103	.49903	.00141	
16	Na3302	.90647	.28223	.19043	24.557	-.19340	
17	Ni2316	.05138	.23724	.16326	.50776	-.00053	
18	2203/1	.58825	.07537	.06898	.50279	.00315	
19	2203/2	.57961	.06898	.06867	.49752	-.00176	
20	Sb2068	-.00056	-.00255	-.00358	.48988	-.00174	
21	1960/1	.00655	.01207	.00486	.50016	.00345	
22	1960/2	-.00470	-.00541	.00250	.49296	-.00304	
23	Ti3372	.78242	.35328	.47192	.47865	.00062	
24	Tl1908	-.00640	.00179	-.00348	.50299	-.00533	
25	V_2924	.08166	.14385	.11409	.49490	-.00046	
26	Zn2062	.30707	.43534	.38065	.50361	.00075	
27	Sn1899	.09315	.03386	.01517	.50992	.00046	
28	Ag3280	.00048	.00013	-.00024	.50657	.00009	
29	*Y	4046.14	4026.15	3983.4	3875.06	3872.62	
30	PB2203	.58248	.07111	.06878	.49927	-.00012	
31	SE1960	-.00095	.00041	.00329	.49535	-.00088	

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 09/04/08 01:53:47 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 09/04/08 01:48:27

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05870	-.01236	.08251	.00357	.23302	.01515	-.00993
SDev	.00232	.00435	.00363	.00216	.00115	.00054	.00360
%RSD	3.9583	35.218	4.3945	60.633	.49339	3.5355	36.234
#1	.06034	-.01544	.07995	.00204	.23221	.01553	-.01248
#2	.05706	-.00928	.08508	.00509	.23384	.01477	-.00739

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00433	.00573	.01834	-.00025	-.05628	-.00038	.00127
SDev	.00108	.01135	.00109	.00072	.00827	.00342	.00000
%RSD	24.928	197.96	5.9222	282.93	14.689	896.83	.02972
#1	-.00509	-.00229	.01757	-.00076	-.06213	-.00280	.00127
#2	-.00357	.01376	.01910	.00025	-.05044	.00204	.00127

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00522	.00891	-.05208	-.01375	.00892	.00318	-.02076
SDev	.00486	.00540	.00092	.01009	.01297	.00829	.00486
%RSD	93.148	60.585	1.7586	73.351	145.46	260.14	23.397
#1	.00178	.01273	-.05143	-.00662	-.00025	-.00267	-.02419
#2	.00866	.00509	-.05273	-.02089	.01809	.00904	-.01732

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.02165	.08353	.01448	.00153	.00178	-.02115	.00089
SDev	.02918	.00327	.00058	.00108	.00108	.05331	.00270
%RSD	134.77	3.9102	4.0109	70.733	60.633	252.11	302.94
#1	.00102	.08122	.01490	.00076	.00102	.01655	-.00102
#2	.04228	.08584	.01407	.00229	.00255	-.05884	.00280

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3927	--	--	--	--	--	--
SDev	1.166830	--	--	--	--	--	--
%RSD	.0297158	--	--	--	--	--	--
#1	3927	--	--	--	--	--	--
#2	3926	--	--	--	--	--	--

Standardization Rpt. 09/04/08 01:58:43 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 09/04/08 01:53:50

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.1267	.44956	1.3589	4.4882	7.3463	10.666	.61687
SDev	.0127	.00971	.0047	.0155	.0209	.007	.00300
%RSD	.15577	2.1599	.34855	.34638	.28511	.06765	.48565
#1	8.1177	.44269	1.3556	4.4772	7.3315	10.661	.61899
#2	8.1356	.45642	1.3623	4.4992	7.3611	10.671	.61475

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8740	.87731	1.8101	1.3171	.90095	4.6681	1.3681
SDev	.0048	.00403	.0033	.0009	.02333	.0142	.0894
%RSD	.25848	.45943	.18099	.07002	2.5900	.30397	6.5360
#1	1.8774	.88016	1.8078	1.3165	.88445	4.6781	1.3048
#2	1.8706	.87446	1.8124	1.3178	.91745	4.6580	1.4313

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.3581	.31868	.31477	.58541	5.3187	.30925	.27408
SDev	.0396	.01781	.02405	.01644	.0141	.00860	.00209
%RSD	2.9131	5.5883	7.6420	2.8083	.26557	2.7799	.76102
#1	1.3861	.30609	.29776	.59703	5.3087	.31533	.27555
#2	1.3301	.33127	.33178	.57378	5.3287	.30317	.27260

Elem	Zn2062	Sn1899	Ag3280
Avge	.19274	1.4160	1.5397
SDev	.00042	.0066	.0088
%RSD	.21932	.46674	.56903
#1	.19304	1.4113	1.5335
#2	.19244	1.4207	1.5459

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3959	--	--	--	--	--	--
SDev	5.992626	--	--	--	--	--	--
%RSD	.1513791	--	--	--	--	--	--
#1	3963	--	--	--	--	--	--
#2	3954	--	--	--	--	--	--

Standardization Rpt. 09/04/08 02:03:40 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 09/04/08 01:58:47

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	40.502	2.2618	6.5601	22.462	35.949	52.684	3.0937
SDev	.084	.0022	.0240	.016	.039	.033	.0055
%RSD	.20667	.09740	.36661	.07021	.10908	.06310	.17865
#1	40.442	2.2602	6.5431	22.451	35.921	52.660	3.0976
#2	40.561	2.2633	6.5771	22.474	35.977	52.707	3.0898

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.3241	4.3156	9.0131	6.5559	4.4967	23.572	6.6598
SDev	.0013	.0065	.0131	.0084	.0333	.047	.0604
%RSD	.01395	.15130	.14513	.12791	.73948	.19752	.90681
#1	9.3232	4.3110	9.0038	6.5500	4.4732	23.539	6.7025
#2	9.3250	4.3202	9.0223	6.5618	4.5202	23.605	6.6171

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.7893	1.6115	1.6544	2.9292	26.276	1.5186	1.3664
SDev	.0652	.0072	.0140	.0203	.019	.0276	.0022
%RSD	.96094	.44867	.84335	.69396	.07110	1.8144	.16030
#1	6.7432	1.6064	1.6445	2.9148	26.263	1.4992	1.3649
#2	6.8355	1.6166	1.6643	2.9436	26.289	1.5381	1.3680

Elem	Zn2062	Sn1899	Ag3280
Avge	.95205	7.1964	7.7119
SDev	.00122	.0279	.0162
%RSD	.12823	.38721	.21014
#1	.95118	7.1767	7.7005
#2	.95291	7.2161	7.7234

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3929	--	--	--	--	--	--
SDev	5.780633	--	--	--	--	--	--
%RSD	.1471306	--	--	--	--	--	--
#1	3933	--	--	--	--	--	--
#2	3925	--	--	--	--	--	--

Standardization Rpt. 09/04/08 02:09:05 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 09/04/08 02:03:44

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	82.429	4.5404	13.165	45.674	71.800	61.242	105.02
SDev	.020	.0426	.027	.001	.058	.057	.02
%RSD	.02410	.93897	.20679	.00112	.08103	.09254	.02203
#1	82.443	4.5102	13.146	45.674	71.841	61.282	105.04
#2	82.415	4.5705	13.184	45.674	71.759	61.202	105.01

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.1885	18.697	8.7071	18.036	73.130	108.73	13.155
SDev	.0006	.003	.0070	.008	.092	.01	.002
%RSD	.01040	.01728	.08024	.04323	.12597	.00498	.01774
#1	6.1881	18.695	8.7121	18.042	73.065	108.72	13.157
#2	6.1890	18.700	8.7022	18.031	73.195	108.73	13.154

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.0768	3.0168	47.264	13.272	13.524	3.2599	3.2963
SDev	.0361	.0057	.076	.079	.061	.0174	.0203
%RSD	.39800	.18781	.16133	.59268	.45368	.53268	.61631
#1	9.0513	3.0208	47.318	13.328	13.568	3.2476	3.2820
#2	9.1023	3.0128	47.211	13.217	13.481	3.2721	3.3107

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.8733	53.221	3.1161	2.7455	1.8889	14.403	15.611
SDev	.0021	.029	.0450	.0010	.0016	.026	.001
%RSD	.03534	.05532	1.4438	.03633	.08604	.18035	.00526
#1	5.8748	53.242	3.0843	2.7448	1.8877	14.385	15.612
#2	5.8719	53.200	3.1479	2.7462	1.8900	14.421	15.610

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3898	--	--	--	--	--	--
SDev	4.507806	--	--	--	--	--	--
%RSD	.1156504	--	--	--	--	--	--
#1	3895	--	--	--	--	--	--
#2	3901	--	--	--	--	--	--

Standardization Report 09/04/08 02:09:05 AM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.615132	-.035735	09/04/08 02:03:44
As1890	189.042	Multiple	Standards	.217775	.002684	09/04/08 02:03:44
B_2496	249.678	Multiple	Standards	.077372	-.006373	09/04/08 02:03:44
Ba4934	493.409	Multiple	Standards	.022150	-.000073	09/04/08 02:03:44
Be3130	313.042	Multiple	Standards	.014013	-.003262	09/04/08 02:03:44
Ca3179	317.933	STD 3	STD BLK	1.00331	-.004678	09/04/08 02:03:44
Cd2265	226.502	Multiple	Standards	.009462	.000086	09/04/08 02:03:44
Co2286	228.616	Multiple	Standards	.161449	.000697	09/04/08 02:03:44
Cr2677	267.716	Multiple	Standards	.053600	-.000308	09/04/08 02:03:44
Cu3247	324.753	Multiple	Standards	.116013	-.002123	09/04/08 02:03:44
Fe2714	271.441	Multiple	Standards	2.76982	.000594	09/04/08 02:03:44
K_7664	766.491	STD 3	STD BLK	.995260	-.000072	09/04/08 02:03:44
Mg2790	279.078	STD 3	STD BLK	1.00255	.002703	09/04/08 02:03:44
Mn2576	257.610	Multiple	Standards	.076112	-.000098	09/04/08 02:03:44
Mo2020	202.030	Multiple	Standards	.111030	-.000575	09/04/08 02:03:44
Na3302	330.232	STD 3	STD BLK	1.02851	-.010217	09/04/08 02:03:44
Ni2316	231.604	Multiple	Standards	.021145	.001102	09/04/08 02:03:44
2203/1	220.351	Multiple	Standards	.076233	.001027	09/04/08 02:03:44
2203/2	220.352	Multiple	Standards	.072876	-.000648	09/04/08 02:03:44
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.311649	-.000978	09/04/08 02:03:44
1960/1	196.021	Multiple	Standards	.299330	.006208	09/04/08 02:03:44
1960/2	196.022	Multiple	Standards	.170684	-.003676	09/04/08 02:03:44
Ti3372	337.280	Multiple	Standards	.019001	-.001582	09/04/08 02:03:44
Tl1908	190.864	Multiple	Standards	.325880	-.004699	09/04/08 02:03:44
V_2924	292.402	Multiple	Standards	.365977	-.000557	09/04/08 02:03:44
Zn2062	206.200	Multiple	Standards	.526913	-.000944	09/04/08 02:03:44
Sn1899	189.989	Multiple	Standards	.069411	.001470	09/04/08 02:03:44
Ag3280	328.068	Multiple	Standards	.064632	-.000052	09/04/08 02:03:44

Standardization Readback Report 09/04/08 02:09:05 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000374	-.000374
		STD 1	5.00000	4.96325	.036748
		STD 2	25.0000	24.8781	.121920
		STD 3	50.0000	50.6690	-.669003

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100586	-.000586
		STD 2	.500000	.495245	.004755
		STD 3	1.00000	.991467	.008533

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000012	-.000012
		STD 1	.100000	.098769	.001231
		STD 2	.500000	.501196	-.001196
		STD 3	1.00000	1.01224	-.012242

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099343	.000657
		STD 2	.500000	.497476	.002524
		STD 3	1.00000	1.01162	-.011619

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099678	.000322
		STD 2	.500000	.500473	-.000473
		STD 3	1.00000	1.00284	-.002836

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.015153	-.004628
		STD 3	61.4397	61.2420	.197742

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101006	-.001006
		STD 2	.500000	.498591	.001409
		STD 3	1.00000	.993837	.006163

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100290	-.000290
		STD 2	.500000	.500178	-.000178
		STD 3	1.00000	.999828	.000172

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100137	-.000137
		STD 2	.500000	.499462	.000538
		STD 3	1.00000	1.00187	-.001870

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099656	.000344
		STD 2	.500000	.498538	.001462
		STD 3	1.00000	1.00801	-.008014

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000111	.000111
		STD 1	5.00000	5.01416	-.014163
		STD 2	25.0000	24.9651	.034868
		STD 3	50.0000	49.9574	.042618

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.056281	.000195
		STD 3	72.7834	73.1301	-.346733

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	-.000381	.002702
		STD 3	109.006	108.726	.280334

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100150	-.000150
		STD 2	.500000	.498886	.001114
		STD 3	1.00000	1.00118	-.001180

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099457	.000543
		STD 2	.500000	.498692	.001308
		STD 3	1.00000	1.00722	-.007221

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	.008913	-.009963
		STD 3	3.09264	3.01684	.075802

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099808	.000192
		STD 2	.500000	.499532	.000468
		STD 3	1.00000	1.00050	-.000499

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000022	.000022
		STD 1	.100000	.105319	-.005319
		STD 2	.500000	.508723	-.008723
		STD 3	1.00000	1.01281	-.012814

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.098327	.001673
		STD 2	.500000	.494131	.005869
		STD 3	1.00000	.984936	.015064

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000015	-.000015
		STD 1	.100000	.098339	.001661
		STD 2	.500000	.501251	-.001251
		STD 3	1.00000	1.01495	-.014952

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100428	-.000428
		STD 2	.500000	.501423	-.001423
		STD 3	1.00000	.992902	.007098

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000019	-.000019
		STD 1	.100000	.096244	.003756
		STD 2	.500000	.496292	.003708
		STD 3	1.00000	.998810	.001190

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099478	.000522
		STD 2	.500000	.497690	.002310
		STD 3	1.00000	1.00967	-.009672

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000021	-.000021
		STD 1	.100000	.096080	.003920
		STD 2	.500000	.490196	.009804
		STD 3	1.00000	1.01078	-.010782

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099750	.000250
		STD 2	.500000	.499518	.000482
		STD 3	1.00000	1.00424	-.004244

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100613	-.000613
		STD 2	.500000	.500700	-.000700
		STD 3	1.00000	.994336	.005664

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099756	.000244
		STD 2	.500000	.500979	-.000979
		STD 3	1.00000	1.00119	-.001187

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099459	.000541
		STD 2	.500000	.498387	.001613
		STD 3	1.00000	1.00892	-.008922

CorCoef: 0.99998

Analysis Report Blank Sample 09/04/08 02:14:29 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/04/08 02:09:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.637	.99595	1.0117	1.0123	1.0013	50.140	.99055
SDev	.239	.00205	.0007	.0074	.0052	.195	.00019
%RSD	.47182	.20547	.06946	.73108	.52296	.38814	.01971
#1	50.468	.99450	1.0122	1.0070	.99759	50.002	.99069
#2	50.806	.99740	1.0112	1.0175	1.0050	50.277	.99041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99801	.99878	1.0074	49.873	50.237	50.037	.99913
SDev	.00010	.00012	.0063	.030	.074	.039	.00020
%RSD	.01037	.01215	.62569	.05972	.14782	.07771	.02027
#1	.99794	.99869	1.0029	49.852	50.185	50.010	.99927
#2	.99809	.99886	1.0118	49.894	50.290	50.065	.99899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0073	49.876	.99862	.98885	.99946	.99593	1.0048
SDev	.0029	.209	.00529	.00104	.00139	.00058	.0033
%RSD	.28696	.41964	.52979	.10498	.13898	.05832	.32592
#1	1.0052	49.728	.99488	.98811	1.0004	.99634	1.0025
#2	1.0093	50.024	1.0024	.98958	.99848	.99552	1.0071
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0160	.99005	1.0122	1.0069	1.0251	1.0006	.99209
SDev	.0081	.00297	.0034	.0060	.0113	.0004	.00202
%RSD	.79763	.29988	.33865	.59157	1.0990	.04212	.20414
#1	1.0103	.98795	1.0098	1.0027	1.0172	1.0003	.99066
#2	1.0217	.99215	1.0146	1.0111	1.0331	1.0009	.99352
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.99798	1.0074
SDev	.00554	.0002
%RSD	.55543	.02032
#1	.99406	1.0075
#2	1.0019	1.0073
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3886	--	--	--	--	--	--
SDev	4.825969	--	--	--	--	--	--
%RSD	.1241930	--	--	--	--	--	--
#1	3882	--	--	--	--	--	--
#2	3889	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:19:52 AM page 1

Method: TRACE2 Sample Name: ICV Operator: TWS
Run Time: 09/04/08 02:14:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.548	.36829	.37613	.37411	.37311	18.566	.37177
SDev	.064	.00167	.00193	.00103	.00106	.045	.00115
%RSD	.34564	.45264	.51219	.27462	.28303	.24322	.30835
#1	18.503	.36712	.37749	.37338	.37236	18.534	.37258
#2	18.594	.36947	.37476	.37483	.37385	18.598	.37096
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37178	.37178	.37107	18.584	18.711	18.502	.37145
SDev	.00061	.00029	.00057	.036	.083	.029	.00094
%RSD	.16287	.07834	.15348	.19367	.44360	.15825	.25339
#1	.37221	.37198	.37067	18.609	18.769	18.523	.37212
#2	.37135	.37157	.37147	18.558	18.652	18.481	.37079
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37972	18.528	.37335	.37305	.37433	.37391	.37478
SDev	.00010	.156	.00079	.00220	.00203	.00062	.00548
%RSD	.02510	.84071	.21250	.58897	.54275	.16675	1.4619
#1	.37978	18.418	.37279	.37150	.37577	.37435	.37091
#2	.37965	18.639	.37392	.37461	.37290	.37347	.37866
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38138	.37652	.37392	.37505	.37999	.37146	.37497
SDev	.00186	.00891	.00376	.00085	.00933	.00084	.00002
%RSD	.48868	2.3674	1.0059	.22756	2.4566	.22577	.00565
#1	.38007	.37022	.37126	.37445	.37339	.37205	.37499
#2	.38270	.38282	.37658	.37566	.38659	.37087	.37496
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37663	.37279
SDev	.00159	.00042
%RSD	.42109	.11387
#1	.37775	.37309
#2	.37551	.37249
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3912	--	--	--	--	--	--
SDev	17.60689	--	--	--	--	--	--
%RSD	.4500221	--	--	--	--	--	--
#1	3925	--	--	--	--	--	--
#2	3900	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 02:25:16 AM page 1

Method: TRACE2 Sample Name: ICB Operator: TWS
Run Time: 09/04/08 02:19:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	.00186	.00014	.00010	.00010	.00742	.00011
SDev	.00055	.00038	.00154	.00000	.00003	.00085	.00022
%RSD	14.951	20.335	1097.5	.99296	30.757	11.407	202.10
#1	.00331	.00159	-.00095	.00010	.00008	.00682	-.00005
#2	.00409	.00213	.00123	.00010	.00012	.00801	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00009	.00063	.00311	-.00615	.00744	.00010
SDev	.00072	.00067	.00006	.01449	.00720	.00602	.00014
%RSD	1188.0	710.75	9.2008	466.29	117.12	80.942	143.25
#1	-.00045	-.00057	.00059	-.00714	-.01124	.00318	-.00000
#2	.00057	.00038	.00067	.01335	-.00106	.01169	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00242	-.05426	-.00036	.00345	.00032	.00136	.00049
SDev	.00046	.16916	.00013	.00353	.00165	.00008	.00175
%RSD	19.093	311.78	35.647	102.53	517.66	5.7327	357.81
#1	.00275	.06536	-.00045	.00594	-.00085	.00141	.00172
#2	.00210	-.17387	-.00027	.00095	.00148	.00130	-.00075
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.00583	-.00218	.00047	-.00384	.00001	.00033
SDev	.00274	.00108	.00316	.00027	.00159	.00079	.00067
%RSD	149.22	18.477	144.52	58.115	41.534	11240.	201.70
#1	-.00010	.00507	.00005	.00066	-.00271	-.00055	-.00014
#2	.00377	.00659	-.00442	.00028	-.00497	.00057	.00081
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00341	.00017
SDev	.00027	.00104
%RSD	8.0430	599.71
#1	.00321	-.00056
#2	.00360	.00091
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3922	--	--	--	--	--	--
SDev	22.80419	--	--	--	--	--	--
%RSD	.5813799	--	--	--	--	--	--
#1	3939	--	--	--	--	--	--
#2	3906	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 02:30:39 AM page 1

Method: TRACE2 Sample Name: CRI Operator: TWS
Run Time: 09/04/08 02:25:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19786	.01357	.02058	.00197	.00198	.49413	.00098
SDev	.00233	.00256	.00064	.00006	.00002	.00054	.00013
%RSD	1.1766	18.868	3.1067	3.1100	.75917	.10977	13.403
#1	.19621	H.01538	.02013	.00202	.00197	.49375	.00088
#2	.19950	.01176	.02103	.00193	.00199	.49451	.00107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00391	.00386	.01040	.04846	.44412	.20388	.00302
SDev	.00053	.00042	.00045	.00171	.01746	.00178	.00010
%RSD	13.659	10.928	4.3607	3.5321	3.9307	.87341	3.1973
#1	.00354	.00356	.01008	.04725	.45646	.20514	.00295
#2	.00429	.00416	.01072	.04967	.43178	.20262	.00308
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01072	.97874	.00949	.00721	.00288	.00432	.01607
SDev	.00098	.31278	.00022	.00386	.00271	.00052	.00434
%RSD	9.1109	31.957	2.3353	53.611	94.086	12.034	27.031
#1	.01141	1.1999	.00933	.00994	.00096	.00395	.01915
#2	.01003	.75757	.00965	.00448	.00480	.00469	.01300
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02225	.01801	.01511	.00495	.01087	.00490	.01083
SDev	.00055	.01047	.00128	.00028	.00073	.00016	.00015
%RSD	2.4898	58.162	8.4783	5.7491	6.7122	3.1842	1.3890
#1	.02186	.02541	.01601	.00515	.01036	.00479	.01072
#2	.02264	.01060	.01420	.00474	.01139	.00501	.01093
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01186	.00302
SDev	.00182	.00002
%RSD	15.365	.65911
#1	.01057	.00304
#2	.01315	.00301
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3960	--	--	--	--	--	--
SDev	18.93271	--	--	--	--	--	--
%RSD	.4781034	--	--	--	--	--	--
#1	3973	--	--	--	--	--	--
#2	3947	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:36:01 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: TWS
Run Time: 09/04/08 02:30:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.33	.00085	.00253	.00094	.00097	516.39	.00118
SDev	2.52	.00411	.00146	.00014	.00001	2.53	.00001
%RSD	.49093	484.33	57.963	14.631	1.2620	.48945	1.0430
#1	515.12	.00376	.00149	.00084	.00096	518.18	.00118
#2	511.55	-.00206	.00356	.00103	.00097	514.60	.00117
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	-.00260	.00156	196.17	-.01632	503.80	.00154
SDev	.00065	.00042	.00038	.18	.00469	1.42	.00010
%RSD	47.543	16.075	24.163	.09354	28.727	.28226	6.5746
#1	.00184	-.00230	.00182	196.30	-.01300	504.81	.00162
#2	.00091	-.00289	.00129	196.04	-.01963	502.80	.00147
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	-.20038	.00081	-.00871	.01044	.00406	-.00497
SDev	.00011	.20270	.00009	.00669	.00123	.00305	.00259
%RSD	6.5951	101.16	10.518	76.821	11.773	75.091	52.057
#1	.00154	-.34371	.00075	-.01344	.00957	.00190	-.00314
#2	.00169	-.05705	.00087	-.00398	.01130	.00621	-.00680
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	-.00803	-.00344	.00125	-.01325	.00014	-.00473
SDev	.00492	.00447	.00165	.00043	.00016	.00091	.00000
%RSD	238.16	55.682	47.833	34.397	1.1816	642.28	.01509
#1	.00554	-.00487	-.00228	.00094	-.01313	.00079	-.00473
#2	-.00141	-.01119	-.00461	.00155	-.01336	-.00050	-.00473
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00310	.00048
SDev	.00045	.00032
%RSD	14.673	68.065
#1	.00342	.00025
#2	.00278	.00071
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3669	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0289069	--	--	--	--	--	--
#1	3670	--	--	--	--	--	--
#2	3668	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:41:24 AM page 1

Method: TRACE2 Sample Name: ICSAB Operator: TWS
Run Time: 09/04/08 02:36:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	508.72	.11119	.04330	.51074	.49121	509.82	.97145
SDev	.64	.00478	.00060	.00056	.00021	.28	.00090
%RSD	.12550	4.3010	1.3774	.10966	.04369	.05528	.09234
#1	508.27	.11457	.04288	.51034	.49106	509.62	.97081
#2	509.17	.10781	.04372	.51114	.49137	510.02	.97208
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48642	.48189	.51484	96.699	.00341	493.77	.48181
SDev	.00045	.00069	.00005	.086	.00366	.22	.00044
%RSD	.09228	.14348	.00996	.08879	107.43	.04479	.09221
#1	.48610	.48140	.51481	96.639	.00600	493.61	.48149
#2	.48674	.48238	.51488	96.760	.00082	493.93	.48212
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	-.21926	.94362	.04284	.05097	.04826	.04505
SDev	.00127	.04516	.00046	.00027	.00079	.00043	.00494
%RSD	110.91	20.596	.04824	.63720	1.5413	.89731	10.977
#1	.00025	-.18733	.94330	.04304	.05041	.04796	.04156
#2	.00204	-.25120	.94394	.04265	.05152	.04857	.04855
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62738	.04444	.04536	.00265	.09737	.50258	.94424
SDev	.00439	.00327	.00905	.00015	.00770	.00031	.00125
%RSD	.69917	7.3493	19.953	5.7638	7.9052	.06210	.13238
#1	.62428	.04675	.03896	.00254	.09193	.50280	.94513
#2	.63048	.04213	.05176	.00276	.10281	.50236	.94336
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00492	.21403
SDev	.00098	.00082
%RSD	19.860	.38171
#1	.00561	.21345
#2	.00423	.21460
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3673	--	--	--	--	--	--
SDev	12.09159	--	--	--	--	--	--
%RSD	.3292111	--	--	--	--	--	--
#1	3681	--	--	--	--	--	--
#2	3664	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:48:18 AM page 1

Method: TRACE2 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 02:42:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.580	.48783	.49550	.49347	.49472	24.572	.49173
SDev	.219	.00587	.00008	.00416	.00370	.185	.00105
%RSD	.89029	1.2039	.01652	.84257	.74819	.75330	.21453
#1	24.425	.48368	.49544	.49053	.49210	24.441	.49247
#2	24.735	.49198	.49555	.49641	.49734	24.703	.49098
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49185	.49234	.49282	24.629	24.847	24.328	.49236
SDev	.00178	.00034	.00396	.064	.039	.050	.00073
%RSD	.36134	.06839	.80430	.26007	.15648	.20357	.14831
#1	.49311	.49258	.49001	24.674	24.874	24.363	.49288
#2	.49059	.49211	.49562	24.583	24.819	24.293	.49184
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48909	24.382	.49521	.48600	.48911	.48808	.48715
SDev	.00195	.056	.00271	.00121	.00030	.00020	.00202
%RSD	.39831	.22831	.54744	.24978	.06244	.04109	.41481
#1	.48772	24.422	.49329	.48514	.48933	.48793	.48858
#2	.49047	24.343	.49712	.48686	.48889	.48822	.48572
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48778	.48015	.49066	.48667	.49951	.48882	.49160
SDev	.00507	.00447	.00527	.00442	.01656	.00117	.00106
%RSD	1.0403	.93106	1.0733	.90783	3.3147	.23862	.21623
#1	.49136	.47699	.49439	.48354	.48781	.48964	.49235
#2	.48419	.48331	.48694	.48979	.51122	.48799	.49085
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50111	.49885
SDev	.00429	.00091
%RSD	.85694	.18174
#1	.50414	.49949
#2	.49807	.49821
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3924	--	--	--	--	--	--
SDev	.9014921	--	--	--	--	--	--
%RSD	.0229758	--	--	--	--	--	--
#1	3923	--	--	--	--	--	--
#2	3924	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 02:53:43 AM page 1

Method: TRACE2 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 02:48:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00661	.00561	.00025	.00004	.00009	.01447	.00027
SDev	.00242	.00285	.00021	.00004	.00000	.00053	.00003
%RSD	36.597	50.807	83.903	114.14	3.6884	3.6673	12.709
#1	.00490	.00360	.00040	.00001	.00010	.01485	.00029
#2	.00832	.00763	.00010	.00006	.00009	.01410	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00010	.00046	.01410	-.01586	.01093	.00013
SDev	.00020	.00037	.00038	.00705	.00194	.00061	.00001
%RSD	43.514	353.24	82.632	50.022	12.219	5.6134	11.254
#1	.00033	-.00016	.00019	.00911	-.01449	.01050	.00012
#2	.00061	.00037	.00074	.01908	-.01723	.01136	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00135	-.07894	-.00028	.00306	-.00029	.00083	.00109
SDev	.00014	.03551	.00065	.00250	.00063	.00125	.00351
%RSD	10.171	44.986	229.32	81.573	218.09	151.77	321.44
#1	.00144	-.10405	-.00074	.00483	.00016	.00171	-.00139
#2	.00125	-.05383	.00017	.00130	-.00074	-.00006	.00358
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	.00541	-.00106	.00014	-.00181	-.00037	.00020
SDev	.00234	.00353	.00350	.00006	.00358	.00066	.00009
%RSD	99.546	65.211	329.08	41.196	198.33	180.53	45.873
#1	-.00401	.00291	-.00354	.00010	.00073	-.00084	.00027
#2	-.00070	.00790	.00141	.00018	-.00434	.00010	.00014
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00022	.00022
SDev	.00232	.00001
%RSD	1067.7	5.0760
#1	-.00143	.00023
#2	.00186	.00021
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3901	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.2039457	--	--	--	--	--	--
#1	3906	--	--	--	--	--	--
#2	3895	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849893/PB Operator: TWS
Run Time: 09/04/08 02:53:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01224	.00228	.00104	.00041	-.00001	.10849	.00020
SDev	.00229	.00047	.00047	.00010	.00000	.00103	.00013
%RSD	18.686	20.357	45.573	25.664	54.265	.94486	64.669
#1	.01062	.00195	.00070	.00048	-.00000	.10776	.00011
#2	.01385	.00261	.00137	.00033	-.00001	.10921	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00002	.00189	.01629	.03515	.00598	.00065
SDev	.00029	.00027	.00028	.01413	.01327	.00341	.00003
%RSD	396.65	1162.5	14.736	86.750	37.740	56.944	4.4108
#1	-.00013	-.00017	.00170	.00630	.04453	.00357	.00063
#2	.00028	.00022	.00209	.02628	.02577	.00839	.00067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	-.17636	-.00055	.00376	.00038	.00150	-.00071
SDev	.00036	.03900	.00030	.00193	.00312	.00144	.00143
%RSD	61.149	22.113	54.715	51.297	820.96	95.634	202.90
#1	.00034	-.20393	-.00077	.00512	-.00183	.00049	.00031
#2	.00086	-.14878	-.00034	.00239	.00259	.00252	-.00172
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	-.00119	-.00047	.00015	-.00673	-.00009	.00394
SDev	.00158	.00295	.00068	.00016	.00615	.00040	.00058
%RSD	56.657	248.10	145.15	106.53	91.457	469.17	14.748
#1	.00392	.00090	.00001	.00027	-.00238	-.00037	.00353
#2	.00168	-.00327	-.00094	.00004	L-.01108	.00020	.00435
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	H.03640	.00012
SDev	.00149	.00020
%RSD	4.0881	163.48
#1	H.03746	.00026
#2	H.03535	-.00002

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3885	--	--	--	--	--	--
SDev	4.454807	--	--	--	--	--	--
%RSD	.1146580	--	--	--	--	--	--
#1	3888	--	--	--	--	--	--
#2	3882	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849892/CLPSL Operator: TWS
Run Time: 09/04/08 02:59:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.058	1.2321	1.2558	2.0564	1.0806	87.472	.95771
SDev	.298	.0054	.0031	.0044	.0058	.464	.00340
%RSD	.38731	.43960	.24854	.21243	.53702	.53089	.35451
#1	77.269	1.2359	1.2536	2.0595	1.0847	87.801	.96011
#2	76.847	1.2283	1.2580	2.0533	1.0765	87.144	.95531
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	148.00	1.6000	1.6300	2.6800	1.3600	112.00	1.2000
Low	62.500	1.0700	.87600	1.8400	.97900	79.900	.85300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2544	2.0614	1.4395	139.91	46.752	41.959	4.6715
SDev	.0038	.0076	.0044	.56	.133	.216	.0152
%RSD	.30355	.37052	.30805	.39752	.28392	.51380	.32477
#1	1.2571	2.0668	1.4427	140.30	46.845	42.112	4.6822
#2	1.2517	2.0560	1.4364	139.51	46.658	41.807	4.6608
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.5700	2.5800	1.8100	277.00	67.000	58.600	5.9900
Low	1.0800	1.7900	1.2900	93.600	39.000	38.100	4.2100

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0497	7.7042	1.1353	1.5428	1.5541	1.5503	.88586
SDev	.0033	.0705	.0042	.0102	.0075	.0084	.00044
%RSD	.31083	.91561	.36591	.65925	.48144	.54036	.04988
#1	1.0473	7.7540	1.1383	1.5500	1.5594	1.5563	.88555
#2	1.0520	7.6543	1.1324	1.5357	1.5488	1.5444	.88617
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.3200	10.100	1.4300			1.9900	1.1600
Low	.89100	5.8900	.95700			1.3700	.72000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55732	.87872	.88945	4.1928	1.4764	1.0919	2.5430
SDev	.00193	.00006	.00063	.0206	.0131	.0041	.0134
%RSD	.34549	.00738	.07087	.49107	.88893	.37982	.52660
#1	.55595	.87867	.88900	4.2074	1.4671	1.0948	2.5524
#2	.55868	.87877	.88989	4.1782	1.4857	1.0889	2.5335
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1.6400			7.0700	1.8200	1.4800	3.3400
Low	.00690			1.3500	1.2400	.97800	2.2700

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.96975	.79898
SDev	.00700	.00152
%RSD	.72170	.19015
#1	.97470	.80005
#2	.96480	.79790
Errors	LC Pass	LC Pass
High	1.3500	1.0800
Low	.82100	.53800

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4256	--	--	--	--	--	--
SDev	17.12973	--	--	--	--	--	--
%RSD	.4024571	--	--	--	--	--	--
#1	4244	--	--	--	--	--	--
#2	4268	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849870 Operator: TWS
Run Time: 09/04/08 03:04:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.657	.01690	.02070	.11319	.00093	15.694	.00071
SDev	.040	.00263	.00071	.00025	.00004	.017	.00010
%RSD	.22671	15.537	3.4262	.22096	4.5647	.10565	13.699
#1	17.685	.01504	.02120	.11336	.00096	15.705	.00064
#2	17.629	.01876	.02020	.11301	.00090	15.682	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04485	.07790	.48923	58.638	1.6452	11.911	.61225
SDev	.00017	.00169	.00126	.029	.0473	.005	.00049
%RSD	.37140	2.1728	.25719	.04930	2.8728	.04210	.08022
#1	.04497	.07910	.49012	58.658	1.6787	11.915	.61260
#2	.04473	.07671	.48834	58.617	1.6118	11.908	.61190
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01019	.18056	.06795	.20864	.20262	.20462	.00712
SDev	.00283	.19071	.00114	.00468	.00112	.00081	.00011
%RSD	27.802	105.62	1.6811	2.2435	.55347	.39620	1.5819
#1	.01219	.31541	.06715	.21195	.20182	.20520	.00704
#2	.00819	.04571	.06876	.20533	.20341	.20405	.00720
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.01393	.00371	.30933	-.00690	.02911	.34973
SDev	.00553	.00611	.00323	.00094	.00397	.00014	.00002
%RSD	323.49	43.875	86.962	.30431	57.528	.47364	.00425
#1	.00562	.01826	.00143	.31000	-.00971	.02901	.34972
#2	-.00220	.00961	.00599	.30867	-.00409	.02920	.34974
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04825	-.00009
SDev	.00033	.00030
%RSD	.68890	345.83
#1	.04802	.00013
#2	.04849	-.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3945	--	--	--	--	--	--
SDev	32.77447	--	--	--	--	--	--
%RSD	.8306902	--	--	--	--	--	--
#1	3922	--	--	--	--	--	--
#2	3969	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849871 Operator: TWS
Run Time: 09/04/08 03:10:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.169	.07655	.03016	.41263	.00361	128.75	.00169
SDev	.017	.00028	.00022	.00023	.00002	.00	.00013
%RSD	.03981	.36418	.71449	.05689	.43027	.00297	7.8701
#1	42.181	.07635	.03001	.41246	.00362	128.76	.00160
#2	42.157	.07675	.03032	.41279	.00360	128.75	.00178
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06592	.05260	.77032	108.04	4.5577	35.024	2.7608
SDev	.00026	.00014	.00093	.17	.0294	.059	.0040
%RSD	.39468	.26422	.12083	.15761	.64563	.16863	.14631
#1	.06573	.05270	.76967	108.16	4.5785	35.065	2.7636
#2	.06610	.05250	.77098	107.92	4.5369	34.982	2.7579
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01817	.73326	.10729	1.0721	1.0816	1.0784	.00155
SDev	.00004	.19808	.00042	.0011	.0012	.0004	.00264
%RSD	.19775	27.013	.39080	.10706	.10672	.03595	171.07
#1	.01819	.87333	.10759	1.0729	1.0808	1.0782	.00341
#2	.01814	.59320	.10700	1.0713	1.0824	1.0787	-.00032
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00850	.00133	.00165	.94867	-.00381	.14781	.69435
SDev	.00116	.00724	.00759	.01502	.00089	.00038	.00143
%RSD	13.681	546.33	458.55	1.5836	23.219	.25553	.20597
#1	.00932	-.00380	.00702	.95929	-.00444	.14808	.69536
#2	.00768	.00645	-.00371	.93805	-.00319	.14754	.69334
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.11032	.00137
SDev	.00286	.00018
%RSD	2.5947	12.981
#1	.10830	.00149
#2	.11235	.00124
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4149	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0894651	--	--	--	--	--	--
#1	4147	--	--	--	--	--	--
#2	4152	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849872 Operator: TWS
Run Time: 09/04/08 03:15:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.5159	.01207	.01562	.12480	.00059	7.7566	.00021
SDev	.0169	.00178	.00056	.00030	.00001	.0041	.00008
%RSD	.19899	14.733	3.6002	.24160	2.0579	.05300	37.100
#1	8.5278	.01081	.01602	.12501	.00058	7.7596	.00015
#2	8.5039	.01332	.01522	.12458	.00060	7.7537	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02421	.07501	.04782	38.584	1.0733	4.9240	.30793
SDev	.00002	.00026	.00018	.015	.0316	.0046	.00022
%RSD	.09529	.34312	.36948	.03763	2.9477	.09244	.07287
#1	.02419	.07483	.04770	38.594	1.0957	4.9207	.30809
#2	.02422	.07519	.04795	38.574	1.0509	4.9272	.30777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.49776	.04575	.20073	.19946	.19988	-.00133
SDev	.00097	.09566	.00040	.00461	.00270	.00026	.00192
%RSD	22.930	19.218	.86722	2.2979	1.3539	.13268	144.05
#1	.00494	.56540	.04603	.20399	.19755	.19969	.00002
#2	.00356	.43012	.04547	.19747	.20137	.20007	-.00269
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	.00105	-.00252	.39919	-.00436	.01975	.10236
SDev	.00319	.00766	.00095	.00097	.00073	.00014	.00095
%RSD	78.095	732.37	37.607	.24276	16.764	.71188	.92653
#1	.00183	.00646	-.00319	.39987	-.00384	.01965	.10303
#2	.00634	-.00437	-.00185	.39850	-.00487	.01985	.10169
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.06243	.00032
SDev	.00344	.00069
%RSD	5.5055	216.99
#1	.06486	.00081
#2	.06000	-.00017
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3917	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.2734829	--	--	--	--	--	--
#1	3910	--	--	--	--	--	--
#2	3925	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849873 Operator: TWS
Run Time: 09/04/08 03:20:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.189	.22546	.17150	1.0116	.01243	564.57	.01467
SDev	.710	.00288	.00083	.0102	.00007	3.73	.00010
%RSD	.82396	1.2786	.48568	1.0081	.59445	.66071	.64705
#1	85.687	.22342	.17209	1.0044	.01238	561.93	.01460
#2	86.691	.22750	.17091	1.0188	.01249	567.21	.01474
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05358	1.1038	H163.91	397.75	7.7715	91.025	H39.318
SDev	.00012	.0004	1.50	.29	.0088	.031	.022
%RSD	.22961	.03839	.91607	.07357	.11348	.03384	.05474
#1	.05349	1.1041	H162.85	397.96	7.7777	91.047	H39.333
#2	.05367	1.1035	H164.98	397.54	7.7652	91.003	H39.303
Errors	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01594	2.3560	1.0593	6.6727	6.7364	6.7152	-.00389
SDev	.00095	.1977	.0056	.0217	.0028	.0054	.00267
%RSD	5.9582	8.3902	.52942	.32539	.04125	.08007	68.766
#1	.01527	2.2162	1.0554	6.6574	6.7384	6.7114	-.00200
#2	.01661	2.4957	1.0633	6.6881	6.7345	6.7190	-.00578
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13589	.01072	-.01119	2.9586	L-.03077	.64831	6.5826
SDev	.00300	.00951	.00876	.0265	.00653	.00093	.0063
%RSD	2.2081	88.734	78.331	.89591	21.217	.14315	.09585
#1	.13801	.00399	-.00499	2.9398	L-.02616	.64897	6.5870
#2	.13377	.01744	-.01739	2.9773	L-.03539	.64766	6.5781
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	H7.6357	.02310
SDev	.0040	.00118
%RSD	.05237	5.1045
#1	H7.6385	.02226
#2	H7.6329	.02393

Errors	LC High	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4013	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1242170	--	--	--	--	--	--
#1	4017	--	--	--	--	--	--
#2	4010	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849874 Operator: TWS
Run Time: 09/04/08 03:26:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	140.57	.18183	.27586	1.8796	.01975	H744.71	.00986
SDev	.19	.00370	.00069	.0015	.00002	.12	.00027
%RSD	.13579	2.0336	.24913	.08176	.09426	.01609	2.7511
#1	140.70	.18444	.27537	1.8807	.01976	H744.79	.00966
#2	140.43	.17921	.27634	1.8785	.01973	H744.62	.01005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04053	.47306	.87222	295.14	12.802	123.39	H32.780
SDev	.00059	.00237	.00553	.49	.004	.22	.050
%RSD	1.4650	.50004	.63431	.16651	.03036	.17581	.15126
#1	.04011	.47139	.87613	294.80	12.804	123.24	H32.745
#2	.04095	.47474	.86830	295.49	12.799	123.54	H32.815
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01404	3.9695	.21997	1.9368	1.9428	1.9408	-.00418
SDev	.00032	.0170	.00097	.0008	.0013	.0011	.00071
%RSD	2.2599	.42900	.44294	.04187	.06532	.05753	16.952
#1	.01382	3.9816	.21928	1.9373	1.9437	1.9416	-.00468
#2	.01427	3.9575	.22066	1.9362	1.9419	1.9400	-.00368
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01453	.00623	-.00939	3.9007	L-.02527	.24657	3.5008
SDev	.00076	.00084	.00064	.0093	.00411	.00056	.0061
%RSD	5.2072	13.472	6.8523	.23848	16.249	.22921	.17452
#1	.01400	.00564	-.00985	3.9073	L-.02237	.24617	3.4965
#2	.01507	.00683	-.00894	3.8942	L-.02818	.24697	3.5051
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.07431	.00162
SDev	.00051	.00049
%RSD	.68250	30.279
#1	.07395	.00196
#2	.07467	.00127
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4124	--	--	--	--	--	--
SDev	5.038136	--	--	--	--	--	--
%RSD	.1221688	--	--	--	--	--	--
#1	4120	--	--	--	--	--	--
#2	4127	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849875 Operator: TWS
Run Time: 09/04/08 03:31:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.791	.20555	.24352	1.0431	.01182	584.92	.16143
SDev	.056	.00032	.00043	.0011	.00000	.73	.00003
%RSD	.06107	.15384	.17615	.10423	.02803	.12546	.01717
#1	91.830	.20578	.24321	1.0439	.01182	584.40	.16145
#2	91.751	.20533	.24382	1.0424	.01182	585.44	.16141
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05576	1.2356	2.0392	348.02	10.008	106.21	H23.744
SDev	.00001	.0001	.0015	.35	.020	.11	.025
%RSD	.01490	.00483	.07248	.10121	.20152	.10298	.10470
#1	.05577	1.2357	2.0402	347.77	10.022	106.13	H23.726
#2	.05575	1.2356	2.0381	348.27	9.9934	106.29	H23.761
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04543	4.2997	.31603	9.3247	9.3553	9.3451	-.00048
SDev	.00084	.0392	.00052	.0109	.0271	.0217	.00114
%RSD	1.8409	.91059	.16347	.11673	.28991	.23236	235.02
#1	.04602	4.2720	.31566	9.3170	9.3361	9.3298	-.00129
#2	.04484	4.3274	.31640	9.3324	9.3745	9.3605	.00032
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00676	.01326	-.00736	3.4648	L-.02118	.44933	H17.394
SDev	.00017	.00901	.00280	.0032	.00112	.00011	.016
%RSD	2.4876	67.910	38.060	.09303	5.2729	.02422	.09142
#1	.00664	.00689	-.00538	3.4670	L-.02197	.44925	H17.383
#2	.00688	.01963	-.00934	3.4625	L-.02039	.44940	H17.405
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC High
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.08768	.00642
SDev	.00060	.00001
%RSD	.67940	.12475
#1	.08810	.00642
#2	.08726	.00643
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4047	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1231788	--	--	--	--	--	--
#1	4051	--	--	--	--	--	--
#2	4044	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849876 Operator: TWS
Run Time: 09/04/08 03:37:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.810	.11345	.30981	.86568	.00827	H747.58	.00967
SDev	.122	.00022	.00060	.00099	.00006	2.47	.00022
%RSD	.18484	.19854	.19328	.11443	.73667	.32979	2.3148
#1	65.724	.11361	.30938	.86498	.00823	H745.84	.00951
#2	65.896	.11329	.31023	.86638	.00832	H749.33	.00983
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03538	5.9226	2.6134	705.51	3.9543	151.14	H109.27
SDev	.00011	.0046	.0052	.99	.0018	.24	.23
%RSD	.32299	.07731	.19851	.13967	.04433	.16130	.21324
#1	.03530	5.9193	2.6098	704.81	3.9530	150.97	H109.11
#2	.03546	5.9258	2.6171	706.21	3.9555	151.32	H109.44
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08332	2.1655	.21961	.98263	.97460	.97727	-.00304
SDev	.00065	.1002	.00039	.00014	.00394	.00258	.00151
%RSD	.78634	4.6284	.17693	.01381	.40382	.26399	49.717
#1	.08286	2.0947	.21933	.98273	.97181	.97545	-.00411
#2	.08379	2.2364	.21988	.98254	.97738	.97910	-.00197
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01568	.02079	-.01496	H10.376	L-.03659	3.5420	.84983
SDev	.00392	.00537	.00495	.020	.00358	.0051	.00013
%RSD	24.987	25.837	33.123	.19696	9.7714	.14528	.01518
#1	.01291	.02458	-.01846	H10.362	L-.03406	3.5383	.84974
#2	.01844	.01699	-.01145	H10.391	L-.03911	3.5456	.84992
Errors	LC Pass	NOCHECK	NOCHECK	LC High	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.08988	.00530
SDev	.00095	.00022
%RSD	1.0571	4.2053
#1	.08921	.00514
#2	.09056	.00546
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3920	--	--	--	--	--	--
SDev	9.333775	--	--	--	--	--	--
%RSD	.2380913	--	--	--	--	--	--
#1	3927	--	--	--	--	--	--
#2	3914	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849877 Operator: TWS
Run Time: 09/04/08 03:42:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.722	.54776	.16380	.94378	.01085	472.50	.02441
SDev	.037	.00396	.00280	.00129	.00003	.59	.00024
%RSD	.05262	.72387	1.7101	.13676	.31764	.12510	.98213
#1	70.748	.55056	.16578	.94469	.01087	472.92	.02458
#2	70.696	.54496	.16182	.94287	.01082	472.09	.02424
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04429	1.2475	1.7383	493.39	6.4270	83.263	H35.470
SDev	.00002	.0041	.0025	1.76	.0220	.272	.110
%RSD	.03287	.33158	.14613	.35766	.34215	.32640	.31112
#1	.04430	1.2504	1.7401	494.63	6.4425	83.455	H35.548
#2	.04428	1.2446	1.7365	492.14	6.4114	83.071	H35.392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04562	2.1614	.19588	2.6208	2.6176	2.6187	-.00496
SDev	.00135	.0665	.00000	.0031	.0012	.0002	.00218
%RSD	2.9604	3.0757	.00142	.11813	.04722	.00788	43.939
#1	.04467	2.1144	.19588	2.6230	2.6167	2.6188	-.00342
#2	.04658	2.2084	.19588	2.6186	2.6184	2.6185	-.00650
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02284	.01602	-.01545	3.2877	L-.02585	.59826	3.0992
SDev	.00486	.00021	.00316	.0012	.00234	.00251	.0099
%RSD	21.279	1.3297	20.477	.03775	9.0451	.41986	.31973
#1	.01941	.01617	-.01321	3.2886	L-.02420	.60004	3.1062
#2	.02628	.01587	-.01769	3.2868	L-.02750	.59649	3.0922
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.22536	.00299
SDev	.00296	.00014
%RSD	1.3135	4.5549
#1	.22745	.00289
#2	.22326	.00308
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4234	--	--	--	--	--	--
SDev	6.204793	--	--	--	--	--	--
%RSD	.1465386	--	--	--	--	--	--
#1	4230	--	--	--	--	--	--
#2	4239	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 03:56:16 AM page 1

Method: TRACE2 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 03:50:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.663	.48632	.49835	.49293	.49737	24.649	.49623
SDev	.189	.00700	.00006	.00248	.00340	.172	.00085
%RSD	.76811	1.4389	.01121	.50385	.68267	.69651	.17182
#1	24.529	.48137	.49831	.49117	.49497	24.527	.49563
#2	24.797	.49126	.49839	.49469	.49977	24.770	.49683
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49636	.49522	.49406	24.954	25.002	24.613	.49876
SDev	.00096	.00002	.00353	.069	.020	.066	.00167
%RSD	.19399	.00309	.71403	.27586	.08121	.26617	.33561
#1	.49568	.49521	.49157	24.905	25.017	24.567	.49757
#2	.49704	.49523	.49656	25.003	24.988	24.659	.49994
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49239	24.424	.49816	.49825	.49046	.49305	.48567
SDev	.00425	.076	.00369	.00402	.00101	.00201	.00068
%RSD	.86245	.31086	.74009	.80594	.20637	.40814	.14030
#1	.48938	24.370	.49555	.49541	.48974	.49163	.48519
#2	.49539	24.477	.50076	.50109	.49117	.49448	.48615
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48568	.48516	.48594	.47979	.49798	.49159	.49404
SDev	.00618	.00400	.00098	.00284	.01421	.00083	.00242
%RSD	1.2728	.82375	.20087	.59307	2.8535	.16818	.49010
#1	.48131	.48233	.48663	.47778	.48793	.49101	.49232
#2	.49005	.48798	.48525	.48180	.50803	.49218	.49575
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50265	.50369
SDev	.00025	.00026
%RSD	.05000	.05208
#1	.50283	.50351
#2	.50247	.50388
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3889	--	--	--	--	--	--
SDev	.2119939	--	--	--	--	--	--
%RSD	.0054513	--	--	--	--	--	--
#1	3889	--	--	--	--	--	--
#2	3889	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 04:01:43 AM page 1

Method: TRACE2 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 03:56:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06202	.00241	.00017	-.00001	.00015	.01662	.00007
SDev	.01048	.00193	.00011	.00022	.00009	.01703	.00026
%RSD	16.893	80.058	63.551	1640.8	58.424	102.50	357.58
#1	.05461	.00105	.00010	-.00017	.00009	.00457	-.00011
#2	.06943	.00378	.00025	.00014	.00021	.02866	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	-.00023	.00063	.02080	-.02646	.00828	.00106
SDev	.00009	.00010	.00043	.01748	.01047	.00767	.00130
%RSD	65.572	42.911	68.419	84.068	39.557	92.678	123.14
#1	.00007	-.00029	.00032	.00843	-.01906	.00285	.00014
#2	.00020	-.00016	.00093	.03316	-.03386	.01370	.00198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	-.05751	.00002	.00243	-.00124	-.00002	.00090
SDev	.00019	.22835	.00077	.00053	.00057	.00056	.00135
%RSD	13.851	397.09	3817.1	21.651	46.327	3349.5	149.66
#1	.00125	-.21897	-.00052	.00206	-.00164	-.00041	.00186
#2	.00153	.10396	.00056	.00280	-.00083	.00038	-.00005
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	-.00116	.00194	.00049	-.00811	-.00032	.00095
SDev	.00326	.00155	.00281	.00004	.00236	.00007	.00018
%RSD	722.32	133.56	144.83	8.5776	29.079	21.025	19.257
#1	.00275	-.00226	.00392	.00046	-.00644	-.00027	.00082
#2	-.00185	-.00006	-.00005	.00052	-.00978	-.00037	.00108
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00064	-.00021
SDev	.00044	.00018
%RSD	67.827	83.981
#1	.00095	-.00033
#2	.00033	-.00009
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3900	--	--	--	--	--	--
SDev	18.03122	--	--	--	--	--	--
%RSD	.4622946	--	--	--	--	--	--
#1	3888	--	--	--	--	--	--
#2	3913	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849878 Operator: TWS
Run Time: 09/04/08 04:01:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.674	.11053	.13432	.46409	.00472	139.76	.00457
SDev	.049	.00056	.00165	.00098	.00002	.07	.00018
%RSD	.17576	.50903	1.2265	.21235	.46211	.04915	4.0265
#1	27.709	.11013	.13548	.46478	.00474	139.81	.00470
#2	27.640	.11093	.13315	.46339	.00471	139.71	.00444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03686	.09148	.24280	454.24	4.6398	31.068	9.1206
SDev	.00009	.00015	.00011	.24	.0208	.004	.0055
%RSD	.25548	.16075	.04676	.05306	.44872	.01334	.06007
#1	.03679	.09158	.24288	454.41	4.6545	31.065	9.1244
#2	.03693	.09137	.24272	454.07	4.6250	31.071	9.1167
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00908	1.0599	.08531	.48223	.47900	.48008	-.00225
SDev	.00065	.0252	.00049	.00119	.00103	.00029	.00382
%RSD	7.1379	2.3767	.57120	.24738	.21517	.06045	169.88
#1	.00954	1.0778	.08497	.48307	.47828	.47987	-.00495
#2	.00862	1.0421	.08565	.48139	.47973	.48028	.00045
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00583	.01102	-.00888	1.0086	L-.01217	.13488	2.2286
SDev	.00174	.00440	.00352	.0037	.00117	.00038	.0009
%RSD	29.794	39.935	39.684	.36341	9.6088	.28578	.04065
#1	.00460	.00791	-.01137	1.0112	L-.01299	.13461	2.2293
#2	.00706	.01414	-.00639	1.0060	L-.01134	.13516	2.2280
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.06279	.00089
SDev	.00160	.00036
%RSD	2.5515	40.332
#1	.06165	.00115
#2	.06392	.00064
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3946	--	--	--	--	--	--
SDev	5.780633	--	--	--	--	--	--
%RSD	.1464791	--	--	--	--	--	--
#1	3942	--	--	--	--	--	--
#2	3950	--	--	--	--	--	--

Analysis Report 09/04/08 04:12:36 AM page 1

Method: TRACE2 Sample Name: AD849879 Operator: TWS
Run Time: 09/04/08 04:07:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	60.158	.22388	.18308	.98109	.00751	441.24	.00606
SDev	.034	.00107	.00057	.00057	.00002	.22	.00016
%RSD	.05719	.47713	.31233	.05839	.21563	.04898	2.7088
#1	60.182	.22464	.18348	.98149	.00750	441.40	.00594
#2	60.134	.22313	.18267	.98068	.00752	441.09	.00618
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03909	1.2348	.29246	247.99	5.8948	282.33	H51.311
SDev	.00036	.0029	.00016	.46	.0063	.14	.086
%RSD	.93419	.23369	.05586	.18724	.10625	.04942	.16792
#1	.03883	1.2328	.29258	247.66	5.8992	282.23	H51.250
#2	.03935	1.2368	.29234	248.32	5.8904	282.42	H51.372
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01295	1.2112	.09390	.70327	.70086	.70166	-.00465
SDev	.00075	.0414	.00064	.00552	.00252	.00352	.00015
%RSD	5.7599	3.4176	.68272	.78472	.35986	.50167	3.2381
#1	.01348	1.1820	.09345	.70717	.70265	.70415	-.00455
#2	.01242	1.2405	.09435	.69937	.69908	.69918	-.00476
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00712	.00517	-.00956	4.6831	L-.02187	.79347	.95069
SDev	.00482	.00134	.00044	.0022	.00577	.00152	.00234
%RSD	67.624	25.907	4.6337	.04804	26.398	.19105	.24653
#1	.01053	.00611	-.00988	4.6847	L-.02595	.79239	.94903
#2	.00372	.00422	-.00925	4.6815	L-.01779	.79454	.95235
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.05974	.00180
SDev	.00416	.00145
%RSD	6.9614	80.811
#1	.05680	.00282
#2	.06268	.00077
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3916	--	--	--	--	--	--
SDev	6.788122	--	--	--	--	--	--
%RSD	.1733410	--	--	--	--	--	--
#1	3911	--	--	--	--	--	--
#2	3921	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849880 Operator: TWS
Run Time: 09/04/08 04:12:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.745	.16344	.19734	.93443	.01213	471.96	.00846
SDev	.142	.00320	.00066	.00227	.00001	.17	.00004
%RSD	.17210	1.9591	.33665	.24326	.05636	.03662	.51854
#1	82.846	.16118	.19781	.93604	.01214	472.08	.00843
#2	82.644	.16570	.19687	.93282	.01213	471.84	.00849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03748	.58903	.55277	303.65	6.6538	91.049	H21.677
SDev	.00044	.00065	.00087	.22	.0127	.033	.018
%RSD	1.1599	.11058	.15764	.07142	.19034	.03655	.08299
#1	.03778	.58949	.55339	303.50	6.6627	91.026	H21.664
#2	.03717	.58857	.55215	303.81	6.6448	91.073	H21.690
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01808	1.6405	.13283	1.2447	1.2542	1.2510	-.00015
SDev	.00039	.2014	.00040	.0022	.0011	.0000	.00553
%RSD	2.1550	12.277	.30382	.17527	.08912	.00152	3657.7
#1	.01835	1.7829	.13311	1.2463	1.2534	1.2510	-.00406
#2	.01780	1.4981	.13254	1.2432	1.2550	1.2510	.00376
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00577	.01343	-.00694	2.8581	L-.01750	.36082	1.1102
SDev	.00081	.01001	.00329	.0014	.00215	.00010	.0005
%RSD	14.134	74.566	47.399	.05060	12.272	.02699	.04367
#1	.00634	.00635	-.00927	2.8591	L-.01598	.36089	1.1105
#2	.00519	.02050	-.00461	2.8571	L-.01902	.36075	1.1098
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.05569	.00176
SDev	.00213	.00038
%RSD	3.8304	21.787
#1	.05720	.00204
#2	.05418	.00149
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4022	--	--	--	--	--	--
SDev	4.613975	--	--	--	--	--	--
%RSD	.1147167	--	--	--	--	--	--
#1	4025	--	--	--	--	--	--
#2	4019	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849881 Operator: TWS
Run Time: 09/04/08 04:18:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.031	.29085	.26164	.91441	.01361	H750.46	.03309
SDev	.031	.00709	.00061	.00051	.00003	.37	.00000
%RSD	.03950	2.4378	.23281	.05539	.20769	.04951	.00884
#1	78.053	.29586	.26207	.91477	.01363	H750.20	.03309
#2	78.009	.28584	.26121	.91405	.01359	H750.73	.03309
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05137	1.0058	1.1036	685.50	6.2871	137.76	H47.983
SDev	.00056	.0003	.0004	.36	.0051	.15	.008
%RSD	1.0999	.03295	.03761	.05186	.08097	.11178	.01616
#1	.05177	1.0056	1.1039	685.25	6.2835	137.65	H47.977
#2	.05097	1.0061	1.1033	685.75	6.2907	137.87	H47.988
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04729	2.5027	.25635	1.6750	1.6714	1.6726	L-.01507
SDev	.00127	.0121	.00095	.0033	.0153	.0091	.00245
%RSD	2.6888	.48338	.37106	.19971	.91466	.54305	16.276
#1	.04639	2.5112	.25702	1.6726	1.6822	1.6790	L-.01680
#2	.04819	2.4941	.25568	1.6773	1.6606	1.6662	L-.01334
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01005	.00359	-.02440	6.0022	L-.03960	1.1213	2.4617
SDev	.00232	.00339	.00198	.0008	.00364	.0010	.0005
%RSD	23.115	94.427	8.1294	.01391	9.1893	.08588	.01879
#1	.01170	.00119	-.02580	6.0016	L-.03703	1.1206	2.4621
#2	.00841	.00599	-.02300	6.0028	L-.04217	1.1220	2.4614
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.10210	.00316
SDev	.00081	.00059
%RSD	.79425	18.658
#1	.10153	.00358
#2	.10268	.00274
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3924	--	--	--	--	--	--
SDev	8.750446	--	--	--	--	--	--
%RSD	.2230045	--	--	--	--	--	--
#1	3918	--	--	--	--	--	--
#2	3930	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849881/L (1:5) Operator: TWS
Run Time: 09/04/08 04:23:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.320	.06580	.05634	.18998	.00302	156.38	.00681
SDev	.030	.00089	.00031	.00020	.00002	.27	.00021
%RSD	.18323	1.3557	.55743	.10598	.72301	.17531	3.0826
#1	16.341	.06643	.05611	.19012	.00303	156.57	.00696
#2	16.298	.06517	.05656	.18983	.00300	156.18	.00666
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01131	.21965	.22880	150.94	1.1588	30.212	11.595
SDev	.00001	.00134	.00045	.46	.0123	.078	.035
%RSD	.09326	.60764	.19574	.30239	1.0626	.25872	.30417
#1	.01132	.22059	.22912	151.26	1.1675	30.267	11.620
#2	.01130	.21870	.22849	150.61	1.1501	30.156	11.570
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01063	.44901	.05660	.37615	.36961	.37179	.00102
SDev	.00072	.14869	.00028	.00420	.00364	.00103	.00548
%RSD	6.7663	33.114	.48974	1.1157	.98351	.27626	534.98
#1	.01114	.55415	.05640	.37912	.36704	.37106	.00490
#2	.01012	.34387	.05680	.37319	.37218	.37251	-.00285
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00459	.00867	-.00280	1.2513	-.00589	.24177	.56038
SDev	.00100	.00428	.00608	.0021	.00469	.00104	.00119
%RSD	21.858	49.336	217.47	.17095	79.645	.43134	.21258
#1	.00530	.01169	.00150	1.2528	-.00257	.24251	.56122
#2	.00388	.00564	-.00710	1.2498	-.00921	.24103	.55953
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02299	.00092
SDev	.00262	.00022
%RSD	11.383	24.328
#1	.02484	.00108
#2	.02114	.00077
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3919	--	--	--	--	--	--
SDev	13.62959	--	--	--	--	--	--
%RSD	.3477545	--	--	--	--	--	--
#1	3910	--	--	--	--	--	--
#2	3929	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849881/PS Operator: TWS
Run Time: 09/04/08 04:28:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.978	.67882	.64825	1.2765	.40055	H746.94	.40815
SDev	.044	.00110	.00078	.0013	.00002	.23	.00106
%RSD	.04637	.16203	.12108	.10011	.00498	.03063	.26013
#1	95.009	.67804	.64880	1.2756	.40057	H747.11	.40890
#2	94.947	.67960	.64769	1.2774	.40054	H746.78	.40740
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43448	1.3468	1.4741	682.67	27.725	153.21	H47.006
SDev	.00147	.0045	.0004	2.42	.052	.49	.164
%RSD	.33820	.33318	.03009	.35470	.18656	.31817	.34862
#1	.43552	1.3500	1.4744	684.38	27.762	153.56	H47.122
#2	.43344	1.3437	1.4738	680.96	27.689	152.87	H46.891
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44538	22.352	.62084	1.9971	1.9830	1.9877	.36586
SDev	.00054	.086	.00161	.0136	.0042	.0073	.00268
%RSD	.12128	.38681	.25985	.68283	.21072	.36867	.73320
#1	.44576	22.413	.61970	2.0067	1.9859	1.9928	.36776
#2	.44500	22.291	.62199	1.9874	1.9800	1.9825	.36396
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40735	.38523	.35618	6.1705	.35451	1.4784	2.7419
SDev	.00028	.00619	.00093	.0055	.00590	.0067	.0094
%RSD	.06897	1.6058	.26132	.08936	1.6647	.45292	.34290
#1	.40715	.38960	.35684	6.1666	.35868	1.4831	2.7486
#2	.40755	.38085	.35552	6.1744	.35033	1.4736	2.7353
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.44949	.10399
SDev	.00293	.00029
%RSD	.65250	.27671
#1	.44741	.10379
#2	.45156	.10420
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3913	--	--	--	--	--	--
SDev	12.46276	--	--	--	--	--	--
%RSD	.3184830	--	--	--	--	--	--
#1	3904	--	--	--	--	--	--
#2	3922	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849882/MS Operator: TWS
Run Time: 09/04/08 04:34:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.555	.49099	.37374	.88456	.25285	419.70	.25417
SDev	.227	.00042	.00141	.00378	.00068	1.44	.00018
%RSD	.31354	.08501	.37653	.42768	.26864	.34391	.07062
#1	72.716	.49128	.37474	.88724	.25333	420.72	.25404
#2	72.394	.49069	.37275	.88189	.25237	418.68	.25430
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27637	.60114	1.0993	362.04	18.355	83.201	H19.387
SDev	.00004	.00060	.0043	.31	.049	.072	.014
%RSD	.01356	.10029	.39106	.08550	.26473	.08599	.07270
#1	.27640	.60071	1.1023	361.82	18.390	83.150	H19.377
#2	.27635	.60156	1.0962	362.26	18.321	83.251	H19.397
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26005	14.524	.44948	1.3466	1.3443	1.3451	.17930
SDev	.00169	.349	.00141	.0106	.0045	.0065	.00062
%RSD	.65003	2.4011	.31401	.79039	.33417	.48626	.34518
#1	.25886	14.278	.45047	1.3391	1.3411	1.3404	.17886
#2	.26125	14.771	.44848	1.3541	1.3475	1.3497	.17973
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15622	.18828	.17480	2.4259	.23069	.54425	1.7507
SDev	.00275	.00715	.00265	.0095	.00001	.00001	.0012
%RSD	1.7576	3.7976	1.5142	.39111	.00501	.00136	.06955
#1	.15816	.18323	.17668	2.4326	.23069	.54426	1.7499
#2	.15428	.19334	.17293	2.4192	.23068	.54425	1.7516
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.27429	.06622
SDev	.00357	.00080
%RSD	1.3022	1.2133
#1	.27176	.06565
#2	.27682	.06678
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4005	--	--	--	--	--	--
SDev	14.05375	--	--	--	--	--	--
%RSD	.3509477	--	--	--	--	--	--
#1	4014	--	--	--	--	--	--
#2	3995	--	--	--	--	--	--

Analysis Report 09/04/08 04:45:03 AM page 1

Method: TRACE2 Sample Name: AD849883/SD Operator: TWS
Run Time: 09/04/08 04:39:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	126.88	.64047	.64631	1.8048	.37858	H635.14	.36824
SDev	.22	.00391	.00177	.0039	.00059	.14	.00052
%RSD	.17643	.61079	.27344	.21368	.15531	.02257	.14027
#1	127.04	.63771	.64506	1.8076	.37900	H635.24	.36787
#2	126.73	.64324	.64756	1.8021	.37817	H635.04	.36860
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41705	.77298	1.3812	525.66	31.813	129.18	H30.851
SDev	.00067	.00068	.0014	.02	.081	.13	.003
%RSD	.15952	.08834	.10313	.00335	.25527	.10043	.01065
#1	.41658	.77250	1.3822	525.64	31.870	129.08	H30.849
#2	.41753	.77347	1.3802	525.67	31.755	129.27	H30.853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38440	22.253	.64044	1.7849	1.7662	1.7724	.27889
SDev	.00369	.001	.00022	.0036	.0082	.0043	.00153
%RSD	.95965	.00648	.03405	.20230	.46591	.24183	.54956
#1	.38179	22.252	.64028	1.7824	1.7720	1.7755	.27997
#2	.38701	22.254	.64059	1.7875	1.7604	1.7694	.27781
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22072	.29862	.26903	4.3626	.34279	.66169	2.1637
SDev	.00396	.00829	.00644	.0017	.00257	.00134	.0050
%RSD	1.7938	2.7754	2.3949	.04000	.74907	.20299	.23272
#1	.21792	.29276	.27359	4.3638	.34097	.66074	2.1601
#2	.22352	.30448	.26447	4.3614	.34460	.66264	2.1672
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.40717	.09873
SDev	.00331	.00085
%RSD	.81251	.85791
#1	.40483	.09933
#2	.40951	.09813
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4130	--	--	--	--	--	--
SDev	9.492770	--	--	--	--	--	--
%RSD	.2298498	--	--	--	--	--	--
#1	4123	--	--	--	--	--	--
#2	4137	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849884 Operator: TWS
Run Time: 09/04/08 04:45:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.760	.08807	.14722	.57120	.00385	375.36	.00610
SDev	.516	.00331	.00035	.00443	.00002	2.10	.00021
%RSD	.71881	3.7580	.23721	.77479	.44635	.55891	3.4400
#1	71.396	.08573	.14698	.56807	.00384	373.87	.00595
#2	72.125	.09041	.14747	.57433	.00387	376.84	.00625
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04033	1.6567	3.5034	437.76	6.3894	72.113	H42.874
SDev	.00029	.0050	.0224	1.52	.0217	.208	.126
%RSD	.70896	.30029	.63853	.34652	.33924	.28777	.29355
#1	.04053	1.6532	3.4876	436.69	6.3741	71.966	H42.785
#2	.04013	1.6603	3.5193	438.83	6.4048	72.260	H42.963
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02180	1.2876	.15616	.68281	.67740	.67920	-.00957
SDev	.00018	.2214	.00064	.00844	.00415	.00004	.00180
%RSD	.81791	17.195	.41144	1.2359	.61321	.00582	18.861
#1	.02192	1.1310	.15570	.67685	.68034	.67917	-.00829
#2	.02167	1.4441	.15661	.68878	.67446	.67923	L-.01084
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03443	.00703	-.01786	3.3106	L-.01857	.83846	1.2429
SDev	.00054	.00615	.00578	.0250	.00339	.00168	.0046
%RSD	1.5631	87.440	32.358	.75660	18.240	.20017	.36756
#1	.03481	.00268	-.01378	3.2928	L-.02097	.83727	1.2397
#2	.03405	.01138	-.02195	3.3283	L-.01618	.83964	1.2462
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.14425	.00198
SDev	.00263	.00052
%RSD	1.8251	26.465
#1	.14239	.00161
#2	.14611	.00235
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3947	--	--	--	--	--	--
SDev	5.515295	--	--	--	--	--	--
%RSD	.1397462	--	--	--	--	--	--
#1	3951	--	--	--	--	--	--
#2	3943	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849885 Operator: TWS
Run Time: 09/04/08 04:50:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.353	.13002	.15809	.71009	.00657	223.79	.00915
SDev	.246	.00030	.00063	.00350	.00002	.81	.00011
%RSD	.40171	.22695	.39740	.49252	.33134	.36032	1.1728
#1	61.527	.13022	.15764	.71256	.00658	224.36	.00908
#2	61.179	.12981	.15853	.70762	.00655	223.22	.00923
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06682	.53360	.54635	H756.47	11.732	27.684	H19.313
SDev	.00029	.00051	.00211	.23	.020	.004	.011
%RSD	.43376	.09474	.38597	.03073	.16884	.01487	.05449
#1	.06702	.53396	.54784	H756.64	11.718	27.687	H19.306
#2	.06661	.53324	.54486	H756.31	11.746	27.681	H19.321
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01891	1.4798	.26102	.78235	.77138	.77504	-.00754
SDev	.00110	.2263	.00139	.00222	.00124	.00157	.00122
%RSD	5.7937	15.289	.53296	.28431	.16077	.20230	16.202
#1	.01968	1.3199	.26200	.78078	.77051	.77393	-.00840
#2	.01813	1.6398	.26004	.78392	.77226	.77614	-.00668
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00924	.01639	-.01951	1.4823	-.00607	.31963	1.9012
SDev	.00059	.00817	.00225	.0054	.00083	.00040	.0016
%RSD	6.3712	49.833	11.547	.36229	13.691	.12476	.08422
#1	.00966	.01062	-.01791	1.4861	-.00548	.31935	1.9024
#2	.00883	.02217	-.02110	1.4785	-.00666	.31991	1.9001
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.07929	.00233
SDev	.00146	.00018
%RSD	1.8366	7.5291
#1	.08032	.00221
#2	.07826	.00246
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4015	--	--	--	--	--	--
SDev	10.81877	--	--	--	--	--	--
%RSD	.2694503	--	--	--	--	--	--
#1	4007	--	--	--	--	--	--
#2	4023	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 05:04:17 AM page 1

Method: TRACE2 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 04:58:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.901	.49261	.50167	.49348	.50404	25.038	.50225
SDev	.025	.00023	.00299	.00041	.00061	.017	.00061
%RSD	.10147	.04624	.59674	.08385	.12082	.06909	.12245
#1	24.883	.49244	.49955	.49318	.50361	25.026	.50268
#2	24.919	.49277	.50378	.49377	.50447	25.050	.50181
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50265	.50055	.49783	25.207	25.135	24.987	.50267
SDev	.00053	.00002	.00088	.029	.027	.032	.00022
%RSD	.10599	.00318	.17680	.11415	.10911	.12930	.04383
#1	.50227	.50054	.49721	25.228	25.155	25.010	.50282
#2	.50302	.50056	.49845	25.187	25.116	24.964	.50251
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49602	24.539	.50485	.50039	.49619	.49759	.49824
SDev	.00181	.229	.00068	.00755	.00516	.00093	.00211
%RSD	.36565	.93276	.13455	1.5092	1.0405	.18667	.42279
#1	.49474	24.701	.50437	.50573	.49254	.49693	.49675
#2	.49731	24.377	.50533	.49505	.49984	.49824	.49973
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49068	.50407	.49533	.48124	.50553	.49567	.50075
SDev	.00143	.00785	.00708	.00056	.00119	.00055	.00055
%RSD	.29220	1.5565	1.4299	.11559	.23611	.11158	.11066
#1	.48967	.50961	.49032	.48085	.50469	.49606	.50035
#2	.49169	.49852	.50034	.48163	.50638	.49528	.50114
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50505	.50465
SDev	.00099	.00049
%RSD	.19566	.09628
#1	.50575	.50499
#2	.50435	.50431
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3889	--	--	--	--	--	--
SDev	5.038136	--	--	--	--	--	--
%RSD	.1295354	--	--	--	--	--	--
#1	3893	--	--	--	--	--	--
#2	3886	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 05:09:43 AM page 1

Method: TRACE2 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 05:04:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06144	.00274	-.00005	.00002	.00017	.01085	.00011
SDev	.00532	.00073	.00130	.00002	.00003	.00431	.00022
%RSD	8.6647	26.508	2876.3	65.323	17.443	39.687	194.44
#1	.05768	.00223	-.00097	.00001	.00015	.00781	-.00004
#2	.06521	.00326	.00088	.00004	.00019	.01390	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00015	.00107	.01135	-.01959	.00377	.00053
SDev	.00006	.00003	.00019	.01318	.00095	.00350	.00042
%RSD	30.280	19.775	17.907	116.10	4.8577	92.892	78.517
#1	.00015	-.00017	.00094	.00203	-.01891	.00129	.00024
#2	.00024	-.00013	.00121	.02067	-.02026	.00625	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	-.04785	-.00040	.00175	-.00041	.00031	.00119
SDev	.00073	.06411	.00006	.00066	.00156	.00082	.00388
%RSD	33.119	133.97	15.427	37.502	380.28	265.20	325.26
#1	.00169	-.00252	-.00036	.00222	-.00152	-.00027	-.00155
#2	.00273	-.09319	-.00045	.00129	.00069	.00089	.00394
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.00346	.00006	.00030	-.00593	-.00037	.00056
SDev	.00060	.00345	.00410	.00032	.00457	.00040	.00000
%RSD	117.48	99.737	6782.0	103.97	77.087	109.98	.08944
#1	-.00093	.00102	-.00284	.00053	-.00270	-.00065	.00055
#2	-.00009	.00590	.00296	.00008	-.00916	-.00008	.00056
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00053	-.00009
SDev	.00133	.00024
%RSD	252.84	275.68
#1	-.00042	.00008
#2	.00147	-.00025
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3864	--	--	--	--	--	--
SDev	1.697160	--	--	--	--	--	--
%RSD	.0439189	--	--	--	--	--	--
#1	3866	--	--	--	--	--	--
#2	3863	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849886 Operator: TWS
Run Time: 09/04/08 05:09:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.710	.21049	.31488	2.8434	.01144	457.09	.09157
SDev	.203	.00462	.00229	.0071	.00001	.53	.00033
%RSD	.23459	2.1927	.72811	.24944	.07240	.11631	.36086
#1	86.854	.21375	.31651	2.8484	.01144	457.47	.09181
#2	86.566	.20723	.31326	2.8384	.01143	456.72	.09134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05844	1.8410	3.6326	504.44	7.1617	70.994	H59.832
SDev	.00044	.0034	.0067	.99	.0478	.035	.122
%RSD	.75577	.18581	.18362	.19597	.66738	.04872	.20376
#1	.05875	1.8434	3.6374	505.14	7.1955	70.970	H59.918
#2	.05813	1.8386	3.6279	503.74	7.1279	71.019	H59.745
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03790	2.3811	.47040	7.3571	7.2810	7.3063	L-.01330
SDev	.00058	.0346	.00006	.0076	.0066	.0019	.00159
%RSD	1.5201	1.4538	.01213	.10309	.09100	.02592	11.958
#1	.03831	2.4056	.47044	7.3518	7.2857	7.3077	L-.01443
#2	.03749	2.3566	.47036	7.3625	7.2763	7.3050	L-.01218
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03299	.01091	-.02541	4.7571	L-.01115	.74998	H11.360
SDev	.00277	.00539	.00031	.0091	.00105	.00184	.005
%RSD	8.3832	49.404	1.2152	.19128	9.4264	.24471	.04711
#1	.03494	.00710	-.02519	4.7636	L-.01041	.74868	H11.357
#2	.03103	.01472	-.02563	4.7507	L-.01190	.75127	H11.364
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC High
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.29105	.00724
SDev	.00126	.00006
%RSD	.43312	.89673
#1	.29194	.00728
#2	.29016	.00719
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4138	--	--	--	--	--	--
SDev	11.56127	--	--	--	--	--	--
%RSD	.2793841	--	--	--	--	--	--
#1	4130	--	--	--	--	--	--
#2	4146	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849887 Operator: TWS
Run Time: 09/04/08 05:15:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.339	.04103	.08843	.54178	.00292	250.37	.00148
SDev	.264	.00128	.00028	.00323	.00001	.87	.00003
%RSD	.52396	3.1271	.31902	.59532	.28616	.34671	2.1178
#1	50.152	.04012	.08823	.53950	.00293	249.76	.00146
#2	50.525	.04193	.08863	.54406	.00292	250.99	.00151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04400	.07021	.23469	111.13	8.2949	69.447	3.1837
SDev	.00036	.00051	.00131	.02	.0177	.132	.0001
%RSD	.81914	.72751	.55969	.02029	.21320	.18944	.00209
#1	.04425	.07057	.23376	111.15	8.2824	69.540	3.1837
#2	.04374	.06985	.23562	111.12	8.3074	69.354	3.1838
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00677	1.6160	.08256	1.4709	1.4631	1.4657	.00187
SDev	.00100	.0603	.00020	.0010	.0056	.0041	.00021
%RSD	14.826	3.7312	.23783	.07056	.38091	.27720	11.044
#1	.00748	1.6587	.08242	1.4702	1.4591	1.4628	.00201
#2	.00606	1.5734	.08270	1.4717	1.4670	1.4686	.00172
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00537	.00367	.00096	1.1482	-.00614	.11738	.60962
SDev	.00120	.00329	.00134	.0079	.00088	.00074	.00080
%RSD	22.441	89.690	138.53	.68775	14.330	.62739	.13045
#1	.00452	.00600	.00002	1.1426	-.00552	.11790	.61018
#2	.00622	.00134	.00191	1.1538	-.00676	.11686	.60906
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.06029	.00214
SDev	.00444	.00001
%RSD	7.3630	.33940
#1	.05715	.00213
#2	.06343	.00215
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4137	--	--	--	--	--	--
SDev	13.52342	--	--	--	--	--	--
%RSD	.3269161	--	--	--	--	--	--
#1	4146	--	--	--	--	--	--
#2	4127	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849888 Operator: TWS
Run Time: 09/04/08 05:20:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.062	.04413	.04121	.55859	.00286	124.69	.00169
SDev	.006	.00085	.00009	.00029	.00000	.05	.00002
%RSD	.01189	1.9365	.22628	.05224	.06209	.04410	1.4181
#1	51.058	.04352	.04128	.55880	.00286	124.65	.00171
#2	51.066	.04473	.04114	.55838	.00286	124.73	.00168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04321	.12149	.54237	104.41	7.3682	37.621	3.0567
SDev	.00026	.00011	.00032	.05	.0085	.026	.0005
%RSD	.60269	.08828	.05929	.04556	.11548	.06875	.01517
#1	.04339	.12157	.54259	104.45	7.3742	37.639	3.0570
#2	.04302	.12141	.54214	104.38	7.3622	37.602	3.0563
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01497	1.6691	.09322	.92636	.92325	.92428	.00466
SDev	.00061	.2479	.00014	.00530	.00123	.00094	.00053
%RSD	4.0680	14.849	.15201	.57182	.13323	.10208	11.279
#1	.01454	1.4939	.09332	.92261	.92412	.92362	.00503
#2	.01541	1.8444	.09312	.93010	.92238	.92495	.00429
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	.00718	.00341	1.1037	-.00222	.11959	.56241
SDev	.00360	.00305	.00231	.0022	.00266	.00036	.00157
%RSD	238.27	42.487	67.954	.19802	120.19	.29712	.27912
#1	-.00104	.00502	.00504	1.1021	-.00033	.11984	.56352
#2	.00406	.00934	.00177	1.1052	-.00410	.11934	.56130
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.06748	.00165
SDev	.00236	.00025
%RSD	3.4947	15.195
#1	.06915	.00147
#2	.06581	.00183
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4162	--	--	--	--	--	--
SDev	3.659485	--	--	--	--	--	--
%RSD	.0879274	--	--	--	--	--	--
#1	4159	--	--	--	--	--	--
#2	4165	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849889 Operator: TWS
Run Time: 09/04/08 05:26:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.248	.03276	.02841	.43626	.00202	115.77	.00086
SDev	.123	.00193	.00044	.00281	.00008	.25	.00012
%RSD	.37071	5.8913	1.5311	.64517	3.9858	.21948	13.717
#1	33.335	.03413	.02810	.43825	.00207	115.95	.00095
#2	33.161	.03140	.02872	.43427	.00196	115.59	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02771	.05028	.18429	71.940	5.0328	31.355	2.8124
SDev	.00001	.00004	.00086	.224	.0224	.096	.0069
%RSD	.04215	.07457	.46899	.31164	.44540	.30663	.24713
#1	.02770	.05025	.18490	72.098	5.0487	31.423	2.8173
#2	.02772	.05030	.18368	71.781	5.0170	31.287	2.8075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00528	.90648	.05138	.58825	.57961	.58249	-.00095
SDev	.00011	.25818	.00012	.00614	.00230	.00358	.00304
%RSD	2.1289	28.482	.23494	1.0438	.39730	.61473	319.36
#1	.00520	.72391	.05130	.59259	.58124	.58502	.00120
#2	.00536	1.0890	.05147	.58391	.57799	.57996	-.00310
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00057	.00655	-.00470	.78243	-.00640	.08167	.30708
SDev	.00198	.00204	.00354	.00247	.00052	.00013	.00018
%RSD	348.16	31.182	75.237	.31580	8.0430	.16310	.06012
#1	-.00197	.00800	-.00220	.78417	-.00604	.08176	.30721
#2	.00083	.00511	-.00721	.78068	-.00677	.08157	.30695
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.09315	.00048
SDev	.00087	.00021
%RSD	.93505	42.868
#1	.09377	.00063
#2	.09254	.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4046	--	--	--	--	--	--
SDev	31.44864	--	--	--	--	--	--
%RSD	.7772509	--	--	--	--	--	--
#1	4024	--	--	--	--	--	--
#2	4068	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849890 Operator: TWS
Run Time: 09/04/08 05:31:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.12	.08504	.02378	.73087	.00448	17.866	.00156
SDev	.43	.00347	.00045	.00358	.00001	.044	.00018
%RSD	.39581	4.0770	1.8981	.48912	.20237	.24607	11.740
#1	108.43	.08749	.02346	.73340	.00449	17.897	.00143
#2	107.82	.08259	.02410	.72834	.00448	17.835	.00169
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11446	.14818	.12525	241.99	9.8251	40.499	5.2628
SDev	.00019	.00009	.00046	.10	.0464	.017	.0041
%RSD	.16667	.05814	.36688	.04071	.47238	.04183	.07879
#1	.11432	.14812	.12558	242.06	9.8579	40.511	5.2658
#2	.11459	.14824	.12493	241.92	9.7923	40.487	5.2599
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	.28223	.23725	.07537	.06898	.07111	.00041
SDev	.00210	.32253	.00117	.00629	.00201	.00076	.00055
%RSD	133.46	114.28	.49389	8.3506	2.9120	1.0632	131.82
#1	.00009	.05417	.23807	.07092	.07040	.07058	.00003
#2	.00306	.51029	.23642	.07982	.06756	.07165	.00080
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00256	.01207	-.00542	.35328	.00179	.14385	.43535
SDev	.00202	.00205	.00021	.00748	.00412	.00038	.00092
%RSD	78.752	16.998	3.8309	2.1168	229.99	.26106	.21107
#1	-.00399	.01062	-.00527	.35857	-.00112	.14412	.43470
#2	-.00113	.01352	-.00556	.34799	.00471	.14359	.43600
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03387	.00013
SDev	.00287	.00101
%RSD	8.4747	761.38
#1	.03184	-.00058
#2	.03590	.00085
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4026	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.2133869	--	--	--	--	--	--
#1	4020	--	--	--	--	--	--
#2	4032	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849891 Operator: TWS
Run Time: 09/04/08 05:36:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.050	.05142	.01349	.41536	.00322	5.7918	.00189
SDev	.021	.00057	.00005	.00011	.00001	.0017	.00026
%RSD	.02324	1.1054	.33836	.02690	.33078	.03003	13.905
#1	92.065	.05102	.01352	.41529	.00321	5.7905	.00207
#2	92.035	.05183	.01345	.41544	.00322	5.7930	.00170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07649	.11145	.06618	173.79	4.7959	25.233	2.8522
SDev	.00033	.00024	.00020	.00	.0020	.017	.0015
%RSD	.42588	.21697	.30610	.00140	.04083	.06790	.05181
#1	.07672	.11162	.06633	173.79	4.7946	25.220	2.8533
#2	.07626	.11128	.06604	173.79	4.7973	25.245	2.8512
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.19044	.16327	.06898	.06868	.06878	.00329
SDev	.00047	.00676	.00060	.00277	.00069	.00046	.00133
%RSD	45.585	3.5492	.36868	4.0215	1.0042	.67435	40.504
#1	.00070	.19522	.16369	.06702	.06917	.06845	.00235
#2	.00137	.18566	.16284	.07095	.06819	.06911	.00423
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00359	.00487	.00250	.47192	-.00349	.11409	.38066
SDev	.00200	.00956	.00278	.00942	.00303	.00057	.00056
%RSD	55.733	196.44	111.14	1.9970	86.886	.49809	.14744
#1	-.00217	-.00189	.00447	.47859	-.00563	.11450	.38105
#2	-.00500	.01163	.00054	.46526	-.00135	.11369	.38026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01517	-.00024
SDev	.00040	.00018
%RSD	2.6373	75.773
#1	.01546	-.00037
#2	.01489	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3983	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.1224825	--	--	--	--	--	--
#1	3987	--	--	--	--	--	--
#2	3980	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 05:50:39 AM page 1

Method: TRACE2 Sample Name: CCV Operator: TWS
Run Time: 09/04/08 05:45:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.936	.49209	.50340	.48858	.50610	25.085	.50442
SDev	.048	.00589	.00052	.00047	.00060	.028	.00001
%RSD	.19182	1.1971	.10382	.09726	.11882	.11350	.00094
#1	24.902	.49625	.50303	.48824	.50567	25.065	.50442
#2	24.970	.48792	.50377	.48891	.50652	25.105	.50442
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50434	.50303	.49793	25.320	25.102	25.083	.50558
SDev	.00055	.00008	.00130	.043	.030	.007	.00032
%RSD	.10941	.01548	.26106	.16850	.11853	.02705	.06412
#1	.50473	.50309	.49701	25.290	25.081	25.078	.50535
#2	.50395	.50298	.49885	25.351	25.123	25.088	.50581
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49904	24.557	.50777	.50279	.49753	.49928	.49536
SDev	.00289	.173	.00020	.00138	.00124	.00129	.00062
%RSD	.57940	.70557	.04002	.27495	.24922	.25785	.12479
#1	.49699	24.434	.50791	.50181	.49665	.49837	.49580
#2	.50108	24.679	.50762	.50377	.49840	.50019	.49492
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48988	.50016	.49296	.47866	.50300	.49491	.50362
SDev	.00556	.00843	.00514	.00106	.00024	.00078	.00014
%RSD	1.1357	1.6848	1.0428	.22200	.04702	.15841	.02799
#1	.48595	.49420	.49660	.47790	.50283	.49546	.50372
#2	.49382	.50612	.48933	.47941	.50317	.49435	.50352
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50993	.50657
SDev	.00090	.00017
%RSD	.17632	.03374
#1	.50929	.50670
#2	.51056	.50645
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3875	--	--	--	--	--	--
SDev	4.825969	--	--	--	--	--	--
%RSD	.1245391	--	--	--	--	--	--
#1	3878	--	--	--	--	--	--
#2	3872	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: TWS
Run Time: 09/04/08 05:50:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06368	.00128	-.00122	.00003	.00019	.01121	.00006
SDev	.00524	.00113	.00032	.00009	.00002	.00202	.00023
%RSD	8.2205	88.397	26.707	358.52	12.673	18.054	390.69
#1	.05998	.00208	-.00099	.00009	.00020	.00978	-.00010
#2	.06738	.00048	-.00145	-.00004	.00017	.01264	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00037	.00107	.01238	-.01105	.00588	.00044
SDev	.00030	.00023	.00033	.00546	.01221	.00175	.00012
%RSD	1060.9	60.729	31.312	44.121	110.50	29.748	27.277
#1	-.00018	-.00053	.00083	.00852	-.00242	.00712	.00036
#2	.00024	-.00021	.00130	.01624	-.01968	.00465	.00053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.19341	-.00053	.00316	-.00177	-.00013	-.00088
SDev	.00048	.31187	.00023	.00383	.00254	.00042	.00005
%RSD	34.005	161.25	43.875	121.55	143.59	323.75	5.2860
#1	.00176	.02712	-.00070	.00587	-.00356	-.00042	-.00085
#2	.00108	-.41393	-.00037	.00044	.00003	.00017	-.00091
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00175	.00346	-.00305	.00063	-.00533	-.00046	.00075
SDev	.00211	.00730	.00358	.00020	.00103	.00053	.00047
%RSD	120.76	211.27	117.47	31.240	19.247	115.02	61.910
#1	-.00324	.00862	-.00558	.00049	-.00461	-.00084	.00042
#2	-.00026	-.00171	-.00052	.00077	-.00606	-.00009	.00108
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00046	.00010
SDev	.00314	.00005
%RSD	679.44	49.439
#1	.00268	.00013
#2	-.00176	.00006
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3873	--	--	--	--	--	--
SDev	32.13797	--	--	--	--	--	--
%RSD	.8298755	--	--	--	--	--	--
#1	3850	--	--	--	--	--	--
#2	3895	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: [signature] Date: 9/5/08 Secondary Review: AH Date: 9/5/08
Spikes: 4-MDL-9, 10-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-095-A	A090408	TRACE2	09/04/08	12:35		X	IR
2	STD 1 12-089-C	A090408	TRACE2	09/04/08	12:41		X	IR
3	STD 2 12-089-D	A090408	TRACE2	09/04/08	12:45		X	IR
4	STD 3 12-089-B	A090408	TRACE2	09/04/08	12:50		X	IR
5	STD 3 VER I	A090408	TRACE2	09/04/08	12:56	AH	B	CONC
6	ICV 12-095-E	A090408	TRACE2	09/04/08	13:01	AH	Q	CONC
7	ICB 12-095-A	A090408	TRACE2	09/04/08	13:07	AH	B	CONC
8	CRI 12-094-A	A090408	TRACE2	09/04/08	13:12	AH	B	CONC
9	ICSA 12-094-B	A090408	TRACE2	09/04/08	13:17	AH	Q	CONC
10	ICSAB 12-094-C	A090408	TRACE2	09/04/08	13:23	AH	Q	CONC
11	CCV 12-093-F	A090408	TRACE2	09/04/08	13:30	AH	Q	CONC
12	CCB 12-095-A	A090408	TRACE2	09/04/08	13:35	AH	B	CONC
13	AD850109/PB	A090408	TRACE2	09/04/08	13:43	AH	S	CONC
14	AD850108/LCS	A090408	TRACE2	09/04/08	13:49	AH	S	CONC
15	AD850107/EBLK	A090408	TRACE2	09/04/08	13:54	AH	S	CONC
16	AD850102	A090408	TRACE2	09/04/08	13:59	AH	S	CONC
17	AD850103	A090408	TRACE2	09/04/08	14:05	AH	S	CONC
18	AD850103/L (1:5)	A090408	TRACE2	09/04/08	14:10	AH	S	CONC
19	AD850103/PS	A090408	TRACE2	09/04/08	14:15	AH	S	CONC
20	AD850104/MS	A090408	TRACE2	09/04/08	14:21	AH	S	CONC
21	AD850105/SD	A090408	TRACE2	09/04/08	14:26	AH	S	CONC
22	AD850106	A090408	TRACE2	09/04/08	14:32	AH	S	CONC
23	CCV	A090408	TRACE2	09/04/08	14:38	AH	Q	CONC
24	CCB	A090408	TRACE2	09/04/08	14:44	AH	B	CONC
25	AD849812 A607	A090408	TRACE2	09/04/08	14:55	AH	S	CONC
26	AD849684/MS A554	A090408	TRACE2	09/04/08	15:01	AH	S	CONC
27	AD849685/SD	A090408	TRACE2	09/04/08	15:07	AH	S	CONC
28	AD850219/PB	A090408	TRACE2	09/04/08	15:26	AH	S	CONC
29	AD850218/FB	A090408	TRACE2	09/04/08	15:32	AH	S	CONC
30	AD850203 A607	A090408	TRACE2	09/04/08	15:39	AH	S	CONC
31	AD850204 A521	A090408	TRACE2	09/04/08	15:45	AH	S	CONC
32	AD850205	A090408	TRACE2	09/04/08	15:50	AH	S	CONC
33	AD850206 A690	A090408	TRACE2	09/04/08	15:55	AH	S	CONC
34	AD850207	A090408	TRACE2	09/04/08	16:01	AH	S	CONC
35	CCV	A090408	TRACE2	09/04/08	16:08	AH	Q	CONC
36	CCB	A090408	TRACE2	09/04/08	16:13	AH	B	CONC
37	AD850208 A705	A090408	TRACE2	09/04/08	16:18	AH	S	CONC
38	AD850209	A090408	TRACE2	09/04/08	16:24	AH	S	CONC
39	AD850210 A713	A090408	TRACE2	09/04/08	16:29	AH	S	CONC
40	AD850211 A714	A090408	TRACE2	09/04/08	16:35	AH	S	CONC
41	AD850212	A090408	TRACE2	09/04/08	16:40	AH	S	CONC
42	AD850213	A090408	TRACE2	09/04/08	16:45	AH	S	CONC
43	AD850214	A090408	TRACE2	09/04/08	16:51	AH	S	CONC
44	AD850214/L (1:5)	A090408	TRACE2	09/04/08	16:56	AH	S	CONC
45	AD850214/PS	A090408	TRACE2	09/04/08	17:02	AH	S	CONC
46	AD850215/MD	A090408	TRACE2	09/04/08	17:07	AH	S	CONC
47	CCV	A090408	TRACE2	09/04/08	17:14	AH	Q	CONC
48	CCB	A090408	TRACE2	09/04/08	17:19	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD850216/MS	A090408	TRACE2	09/04/08	17:25	AH	S	CONC
50	AD850217 A718	A090408	TRACE2	09/04/08	17:30	AH	S	CONC
51	AD849862/PB	A090408	TRACE2	09/04/08	17:38	AH	S	CONC
52	AD849861/FB	A090408	TRACE2	09/04/08	17:44	AH	S	CONC
53	AD849842 A527	A090408	TRACE2	09/04/08	17:49	AH	S	CONC
54	AD849843	A090408	TRACE2	09/04/08	17:54	AH	S	CONC
55	AD849844	A090408	TRACE2	09/04/08	18:00	AH	S	CONC
56	AD849845	A090408	TRACE2	09/04/08	18:05	AH	S	CONC
57	AD849845/L (1:5)	A090408	TRACE2	09/04/08	18:11	AH	S	CONC
58	AD849845/PS	A090408	TRACE2	09/04/08	18:16	AH	S	CONC
59	CCV	A090408	TRACE2	09/04/08	18:23	AH	Q	CONC
60	CCB	A090408	TRACE2	09/04/08	18:28	AH	B	CONC
61	AD849846/MS	A090408	TRACE2	09/04/08	18:34	AH	S	CONC
62	AD849847/SD	A090408	TRACE2	09/04/08	18:39	AH	S	CONC
63	AD849848	A090408	TRACE2	09/04/08	18:44	AH	S	CONC
64	AD849849	A090408	TRACE2	09/04/08	18:50	AH	S	CONC
65	AD849850	A090408	TRACE2	09/04/08	18:55	AH	S	CONC
66	AD849851	A090408	TRACE2	09/04/08	19:01	AH	S	CONC
67	AD849852	A090408	TRACE2	09/04/08	19:06	AH	S	CONC
68	AD849853 A551	A090408	TRACE2	09/04/08	19:11	AH	S	CONC
69	AD849854	A090408	TRACE2	09/04/08	19:17	AH	S	CONC
70	AD849855 A558	A090408	TRACE2	09/04/08	19:22	AH	S	CONC
71	CCV	A090408	TRACE2	09/04/08	19:29	AH	Q	CONC
72	CCB	A090408	TRACE2	09/04/08	19:34	AH	B	CONC
73	AD849856 A578	A090408	TRACE2	09/04/08	19:40	AH	S	CONC
74	AD849859 A629	A090408	TRACE2	09/04/08	19:45	AH	S	CONC
75	AD849860	A090408	TRACE2	09/04/08	19:51	AH	S	CONC
76	CCV	A090408	TRACE2	09/04/08	19:57	AH	Q	CONC
77	CCB	A090408	TRACE2	09/04/08	20:03	AH	B	CONC
78	STD BLK	A090408	TRACE2	09/04/08	20:19		X	IR
79	STD 1	A090408	TRACE2	09/04/08	20:25		X	IR
80	STD 2	A090408	TRACE2	09/04/08	20:30		X	IR
81	STD 3	A090408	TRACE2	09/04/08	20:35		X	IR
82	STD 3 VER	A090408	TRACE2	09/04/08	20:40	AH	B	CONC
83	ICV	A090408	TRACE2	09/04/08	20:45	AH	Q	CONC
84	ICB	A090408	TRACE2	09/04/08	20:51	AH	B	CONC
85	CRI	A090408	TRACE2	09/04/08	20:56	AH	B	CONC
86	ICSA	A090408	TRACE2	09/04/08	21:01	AH	Q	CONC
87	ICSAB	A090408	TRACE2	09/04/08	21:07	AH	Q	CONC
88	CCV	A090408	TRACE2	09/04/08	21:14	AH	Q	CONC
89	CCB	A090408	TRACE2	09/04/08	21:19	AH	B	CONC
90	AD850156/PB	A090408	TRACE2	09/04/08	21:25	AH	S	CONC
91	AD840155/FB	A090408	TRACE2	09/04/08	21:30	AH	S	CONC
92	AD850154/PB	A090408	TRACE2	09/04/08	21:35	AH	S	CONC
93	AD850153/FB A489	A090408	TRACE2	09/04/08	21:41	AH	S	CONC
94	AD850134 A674	A090408	TRACE2	09/04/08	21:46	AH	S	CONC
95	AD850135	A090408	TRACE2	09/04/08	21:52	AH	S	CONC
96	AD850136	A090408	TRACE2	09/04/08	21:57	AH	S	CONC
97	AD850137 A675	A090408	TRACE2	09/04/08	22:02	AH	S	CONC
98	AD850138	A090408	TRACE2	09/04/08	22:08	AH	S	CONC
99	AD850139	A090408	TRACE2	09/04/08	22:13	AH	S	CONC
100	CCV	A090408	TRACE2	09/04/08	22:20	AH	Q	CONC
101	CCB	A090408	TRACE2	09/04/08	22:25	AH	B	CONC
102	AD850140	A090408	TRACE2	09/04/08	22:31	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD850141 A685	A090408	TRACE2	09/04/08	22:36	AH	S	CONC
104	AD850142	A090408	TRACE2	09/04/08	22:42	AH	S	CONC
105	AD850143	A090408	TRACE2	09/04/08	22:47	AH	S	CONC
106	AD850143/L (1:5)	A090408	TRACE2	09/04/08	22:52	AH	S	CONC
107	AD850143/PS	A090408	TRACE2	09/04/08	22:58	AH	S	CONC
108	AD850144/MS	A090408	TRACE2	09/04/08	23:03	AH	S	CONC
109	AD850145/SD	A090408	TRACE2	09/04/08	23:09	AH	S	CONC
110	AD850146	A090408	TRACE2	09/04/08	23:14	AH	S	CONC
111	AD850147	A090408	TRACE2	09/04/08	23:19	AH	S	CONC
112	CCV	A090408	TRACE2	09/04/08	23:26	AH	Q	CONC
113	CCB	A090408	TRACE2	09/04/08	23:32	AH	B	CONC
114	AD850148	A090408	TRACE2	09/04/08	23:37	AH	S	CONC
115	AD850149	A090408	TRACE2	09/04/08	23:42	AH	S	CONC
116	AD850150	A090408	TRACE2	09/04/08	23:48	AH	S	CONC
117	AD850151	A090408	TRACE2	09/04/08	23:53	AH	S	CONC
118	AD850152	A090408	TRACE2	09/04/08	23:59	AH	S	CONC
119	CRI	A090408	TRACE2	09/05/08	00:08	AH	B	CONC
120	ICSA	A090408	TRACE2	09/05/08	00:14	AH	Q	CONC
121	ICSAB	A090408	TRACE2	09/05/08	00:19	AH	Q	CONC
122	CCV	A090408	TRACE2	09/05/08	00:26	AH	Q	CONC
123	CCB	A090408	TRACE2	09/05/08	00:32	AH	B	CONC
124	STD BLK	A090408	TRACE2	09/05/08	00:48		X	IR
125	STD 1	A090408	TRACE2	09/05/08	00:53		X	IR
126	STD 2	A090408	TRACE2	09/05/08	00:58		X	IR
127	STD 3	A090408	TRACE2	09/05/08	01:03		X	IR
128	STD 3 VER	A090408	TRACE2	09/05/08	01:09	AH	B	CONC
129	ICV	A090408	TRACE2	09/05/08	01:14	AH	Q	CONC
130	ICB	A090408	TRACE2	09/05/08	01:19	AH	B	CONC
131	CRI	A090408	TRACE2	09/05/08	01:25	AH	B	CONC
132	ICSA	A090408	TRACE2	09/05/08	01:30	AH	Q	CONC
133	ICSAB	A090408	TRACE2	09/05/08	01:36	AH	Q	CONC
134	CCV	A090408	TRACE2	09/05/08	01:43	AH	Q	CONC
135	CCB	A090408	TRACE2	09/05/08	01:48	AH	B	CONC
136	AD849940/PB	A090408	TRACE2	09/05/08	01:53	AH	S	CONC
137	AD849939/FB A553	A090408	TRACE2	09/05/08	01:59	AH	S	CONC
138	AD849917	A090408	TRACE2	09/05/08	02:04	AH	S	CONC
139	AD849918	A090408	TRACE2	09/05/08	02:10	AH	S	CONC
140	AD849919	A090408	TRACE2	09/05/08	02:15	AH	S	CONC
141	AD849919/L (1:5)	A090408	TRACE2	09/05/08	02:20	AH	S	CONC
142	AD849919/PS	A090408	TRACE2	09/05/08	02:26	AH	S	CONC
143	AD849920/MS	A090408	TRACE2	09/05/08	02:31	AH	S	CONC
144	AD849921/SD	A090408	TRACE2	09/05/08	02:37	AH	S	CONC
145	AD849922	A090408	TRACE2	09/05/08	02:42	AH	S	CONC
146	CCV	A090408	TRACE2	09/05/08	02:49	AH	Q	CONC
147	CCB	A090408	TRACE2	09/05/08	02:54	AH	B	CONC
148	AD849923	A090408	TRACE2	09/05/08	03:00	AH	S	CONC
149	AD849924	A090408	TRACE2	09/05/08	03:05	AH	S	CONC
150	AD849925	A090408	TRACE2	09/05/08	03:11	AH	S	CONC
151	AD849926	A090408	TRACE2	09/05/08	03:16	AH	S	CONC
152	AD849927	A090408	TRACE2	09/05/08	03:21	AH	S	CONC
153	AD849928 A623	A090408	TRACE2	09/05/08	03:27	AH	S	CONC
154	AD849929	A090408	TRACE2	09/05/08	03:32	AH	S	CONC
155	AD849930	A090408	TRACE2	09/05/08	03:38	AH	S	CONC
156	AD849931	A090408	TRACE2	09/05/08	03:43	AH	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD849932	A090408	TRACE2	09/05/08	03:48	AH	S	CONC
158	CCV	A090408	TRACE2	09/05/08	03:55	AH	Q	CONC
159	CCB	A090408	TRACE2	09/05/08	04:01	AH	B	CONC
160	AD849933	A090408	TRACE2	09/05/08	04:06	AH	S	CONC
161	AD849934	A090408	TRACE2	09/05/08	04:12	AH	S	CONC
162	AD849935	A090408	TRACE2	09/05/08	04:17	AH	S	CONC
163	AD849936	A090408	TRACE2	09/05/08	04:22	AH	S	CONC
164	AD849937	A090408	TRACE2	09/05/08	04:28	AH	S	CONC
165	AD849938	A090408	TRACE2	09/05/08	04:33	AH	S	CONC
166	AD849916/PB	A090408	TRACE2	09/05/08	04:39	AH	S	CONC
167	AD849915/FB	A090408	TRACE2	09/05/08	04:44	AH	S	CONC
168	AD849895 A630	A090408	TRACE2	09/05/08	04:50	AH	S	CONC
169	AD849896	A090408	TRACE2	09/05/08	04:55	AH	S	CONC
170	CCV	A090408	TRACE2	09/05/08	05:02	AH	Q	CONC
171	CCB	A090408	TRACE2	09/05/08	05:07	AH	B	CONC
172	AD849897	A090408	TRACE2	09/05/08	05:13	AH	S	CONC
173	AD849898	A090408	TRACE2	09/05/08	05:18	AH	S	CONC
174	AD849899	A090408	TRACE2	09/05/08	05:24	AH	S	CONC
175	AD849900	A090408	TRACE2	09/05/08	05:29	AH	S	CONC
176	AD849900/L (1:5)	A090408	TRACE2	09/05/08	05:34	AH	S	CONC
177	AD849900/PS	A090408	TRACE2	09/05/08	05:40	AH	S	CONC
178	AD849901/MS	A090408	TRACE2	09/05/08	05:45	AH	S	CONC
179	AD849902/SD	A090408	TRACE2	09/05/08	05:51	AH	S	CONC
180	AD849903	A090408	TRACE2	09/05/08	05:56	AH	S	CONC
181	AD849904	A090408	TRACE2	09/05/08	06:02	AH	S	CONC
182	CCV	A090408	TRACE2	09/05/08	06:08	AH	Q	CONC
183	CCB	A090408	TRACE2	09/05/08	06:14	AH	B	CONC
184	AD849905	A090408	TRACE2	09/05/08	06:19	AH	S	CONC
185	AD849906	A090408	TRACE2	09/05/08	06:25	AH	S	CONC
186	AD849907	A090408	TRACE2	09/05/08	06:30	AH	S	CONC
187	AD849908	A090408	TRACE2	09/05/08	06:36	AH	S	CONC
188	AD849908/L (1:5)	A090408	TRACE2	09/05/08	06:41	AH	S	CONC
189	AD849908/PS	A090408	TRACE2	09/05/08	06:46	AH	S	CONC
190	AD849909/MS	A090408	TRACE2	09/05/08	06:52	AH	S	CONC
191	AD849910/SD	A090408	TRACE2	09/05/08	06:57	AH	S	CONC
192	AD849911	A090408	TRACE2	09/05/08	07:03	AH	S	CONC
193	AD849912	A090408	TRACE2	09/05/08	07:08	AH	S	CONC
194	CCV	A090408	TRACE2	09/05/08	07:15	AH	Q	CONC
195	CCB	A090408	TRACE2	09/05/08	07:20	AH	B	CONC
196	AD849913	A090408	TRACE2	09/05/08	07:26	AH	S	CONC
197	AD849914	A090408	TRACE2	09/05/08	07:31	AH	S	CONC
198	CCV	A090408	TRACE2	09/05/08	07:38	AH	Q	CONC
199	CCB	A090408	TRACE2	09/05/08	07:44	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.06211	8.18494	40.6818	82.3978	50.446	18.577
2	As1890	.00441	.4494	2.25233	4.47588	.99987	.37300
3	B_2496	.04667	1.36851	6.52989	13.1744	1.0019	.37161
4	Ba4934	.00182	4.49984	22.5873	45.5201	1.0029	.37382
5	Be3130	.21818	7.34408	35.792	71.0474	.99676	.37291
6	Ca3179	.01312			60.6846	50.329	18.717
7	Cd2265	-.01908	10.6344	52.0625	103.65	.99124	.37241
8	Co2286	-.00328	.61827	3.07681	6.16149	.99879	.37282
9	Cr2677	.00364	1.8678	9.24953	18.5421	1.0002	.37166
10	Cu3247	.01689	.87463	4.3365	8.72606	1.0051	.37226
11	Fe2714	-.00182	1.79702	8.91009	17.8341	49.866	18.604
12	K_7664	-.06794			72.0458	50.165	18.883
13	Mg2790	.00632			108.119	50.288	18.602
14	Mn2576	.00194	1.32405	6.55329	13.1522	1.0002	.37209
15	Mo2020	.00328	.91022	4.51343	9.12483	1.0064	.37899
16	Na3302	.00571			3.0081	49.728	18.470
17	Ni2316	-.07183	4.65445	23.388	46.6883	.99748	.37384
18	2203/1	.02491	1.35059	6.58482	13.0964	1.0019	.37581
19	2203/2	-.00169	1.35392	6.71312	13.3042	.99854	.37145
20	Sb2068	-.00443	.31929	1.60032	3.21733	1.0021	.37856
21	1960/1	-.00473	.34277	1.61832	3.26078	.98969	.37307
22	1960/2	.01532	.5776	2.9203	5.79597	1.0114	.37755
23	Ti3372	.08095	5.37265	26.5393	53.2301	1.0012	.37583
24	Tl1908	-.0113	.31007	1.51482	3.05035	.98764	.37271
25	V_2924	.00036	.2789	1.38055	2.77006	1.0015	.37260
26	Zn2062	.00182	.1908	.93219	1.84486	.99115	.37506
27	Sn1899	.03075	1.37317	7.00759	14.0273	1.0158	.37919
28	Ag3280	.00133	1.53151	7.66462	15.5533	1.0087	.37406
29	*Y	4113.56	4142.96	4086.04	4058.03	4058.51	4099.12
30	PB2203					.99964	.37291
31	SE1960					1.0042	.37605

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00499	.20824	512.03	457.41	24.578	.01045
2	As1890	-.00155	.01068	.00057	.09826	.49808	-.00148
3	B_2496	.00059	.02221	.00302	.00407	.49148	.00000
4	Ba4934	.00000	.00211	.00103	.46335	.49509	.00004
5	Be3130	.00010	.00203	.00100	.44211	.49402	.00003
6	Ca3179	.00422	.50420	518.92	459.69	24.857	.00834
7	Cd2265	.00021	.00140	.00079	.87302	.49321	.00006
8	Co2286	.00003	.00434	.00073	.43925	.49558	-.00016
9	Cr2677	-.00016	.00477	-.00274	.43282	.49288	-.00004
10	Cu3247	-.00017	.00997	.00056	.46608	.49475	-.00028
11	Fe2714	.01095	.06639	194.87	86.736	24.647	.00654
12	K_7664	-.00412	.46771	-.00285	.01427	25.072	-.00753
13	Mg2790	-.00132	.20484	508.12	448.33	24.612	.01970
14	Mn2576	.00005	.00304	.00136	.43264	.49344	.00002
15	Mo2020	.00094	.01043	.00121	.00086	.49203	.00150
16	Na3302	-.17332	.99880	.11521	-.11723	24.579	.12578
17	Ni2316	.00001	.01041	.00110	.85048	.49372	.00040
18	2203/1	-.00182	.00114	-.00849	.04008	.49763	-.00004

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00063	.00666	.00914	.05115	.49585	-.00033
20	Sb2068	.00231	.02512	.00445	.55851	.49235	.00535
21	1960/1	.00124	.01317	-.00592	.03701	.49042	.00007
22	1960/2	.00261	.01762	-.00384	.04961	.50274	.00247
23	Ti3372	.00003	.00489	.00143	.00216	.49304	.00007
24	Tl1908	.00184	.02136	-.01469	.08666	.48344	.00247
25	V_2924	.00000	.00620	-.00015	.45738	.49766	.00012
26	Zn2062	-.00014	.01141	-.00550	.85319	.49597	-.00014
27	Sn1899	-.00237	.00668	-.00132	-.00181	.50802	-.00155
28	Ag3280	-.00017	.00339	.00052	.19157	.49885	.00034
29	*Y	4120.46	4129.88	3848.1	3851.62	4110.38	4111.76
30	PB2203	-.00018	.00482	.00327	.04746	.49644	-.00023
31	SE1960	.00215	.01613	-.00453	.04541	.49863	.00167

#	Element	AD8'9/PB	AD8'/LCS	AD8'EBLK	AD850102	AD850103	AD8'1:5)
1	Al3082	.03466	.03916	.04660	.34996	1.0808	.35478
2	As1890	.00238	1.0161	.00164	-.00242	.00113	-.00030
3	B_2496	.00343	.10073	H.10487	.12109	.13821	.03449
4	Ba4934	.00006	.99871	H.00475	.67729	.53167	.10969
5	Be3130	-.00001	.96737	-.00009	.00113	.00132	.00025
6	Ca3179	.06434	.76410	H.78662	C.00000	C.00000	389.84
7	Cd2265	.00014	.99684	.00020	.00244	.00283	.00065
8	Co2286	.00023	.95340	.00052	.04420	.08573	.01816
9	Cr2677	-.00009	.95254	.00094	.00079	.00937	.00207
10	Cu3247	-.00020	1.0042	.00363	.00232	.00662	.00123
11	Fe2714	.00924	.06686	.02079	.14746	.44529	.09676
12	K_7664	.00055	.07972	.08752	1.0867	2.3492	.40712
13	Mg2790	.01330	.16513	.16596	35.474	63.320	13.279
14	Mn2576	.00005	.97583	.00083	6.8245	9.7824	2.0664
15	Mo2020	-.00022	.98532	.00196	-.00081	-.00016	.00019
16	Na3302	-.10231	10.746	H10.988	14.072	13.565	2.8885
17	Ni2316	.00056	.99282	.00054	.04623	.05702	.01263
18	2203/1	-.00318	.96806	-.00161	.00098	-.00050	-.00130
19	2203/2	.00164	.96405	.00237	-.00184	.00184	.00161
20	Sb2068	.00122	.94517	.00662	.00201	.00252	.00320
21	1960/1	-.00286	.99950	-.00357	-.00073	.00139	.00101
22	1960/2	-.00262	1.0072	.00232	-.00074	-.00361	.00219
23	Ti3372	-.00013	.00010	.00012	.00825	.01490	.00516
24	Tl1908	-.00193	.98050	.00091	-.00428	-.00148	.00147
25	V_2924	.00034	.99903	.00050	.00018	.00115	.00048
26	Zn2062	.00063	.99553	.00844	.01873	.02956	.00644
27	Sn1899	-.00490	.00041	.00233	-.00125	-.00080	-.00194
28	Ag3280	-.00026	.97601	.00036	-.00032	.00012	.00018
29	*Y	4136.81	4229.66	4209	3932.81	4022.36	4076.85
30	PB2203	.00003	.96539	.00104	-.00090	.00106	.00064
31	SE1960	-.00270	1.0046	.00035	-.00074	-.00194	.00180

#	Element	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD850106	CCV	CCB
1	Al3082	1.0751	1.0232	1.0322	2.0620	24.505	.02686
2	As1890	1.0546	1.0158	1.0157	.00887	.50161	-.00009
3	B_2496	.13636	.13873	.13741	.13971	.48848	-.00037
4	Ba4934	1.5470	1.5229	1.5238	.86555	.49623	.00017
5	Be3130	.94246	.90129	.90288	.00233	.49085	.00010
6	Ca3179	C.00000	C.00000	C.00000	H1189.1	24.775	.02350
7	Cd2265	.95333	.91714	.91755	.00352	.49075	.00031
8	Co2286	1.0097	.97306	.97333	.05629	.49368	.00017
9	Cr2677	.93858	.90263	.90438	.37887	.49177	.00016
10	Cu3247	.98752	1.0053	1.0057	5.0045	.49157	-.00035
11	Fe2714	.49286	.48987	.49874	7.2256	24.489	.01681
12	K_7664	2.3312	2.3079	2.3214	3.5019	24.814	.00432
13	Mg2790	63.242	63.423	63.514	23.314	24.666	.02057
14	Mn2576	10.652	10.664	10.677	5.1962	.48828	.00009
15	Mo2020	1.0029	.95677	.95540	.00269	.49235	.00098
16	Na3302	13.554	13.476	13.428	11.886	24.461	.07039
17	Ni2316	.99969	.96305	.96717	.07057	.49244	.00042
18	2203/1	.94462	.90182	.90272	.00866	.49422	-.00146
19	2203/2	.94507	.90219	.89843	.00988	.49619	-.00057
20	Sb2068	1.0216	.95729	.95560	.00826	.49706	.00467
21	1960/1	1.0008	.96461	.96238	.00016	.49507	.00468
22	1960/2	1.0277	.99711	.99371	-.00054	.50349	.00244
23	Ti3372	.01904	.02119	.01492	.00120	.49457	.00036
24	Tl1908	.96362	.92285	.91251	-.00137	.48930	.00478
25	V_2924	1.0001	.96368	.96410	.00037	.49885	.00043
26	Zn2062	.95785	.92068	.92133	2.2601	.49412	.00000
27	Sn1899	-.00118	.00025	.00190	-.00108	.50724	-.00156
28	Ag3280	1.0510	1.0075	1.0090	-.00060	.49427	.00003
29	*Y	4031.36	4027.46	4009.24	4113.04	4119.75	4091.18
30	PB2203	.94492	.90207	.89986	.00948	.49554	-.00087
31	SE1960	1.0187	.98626	.98325	-.00031	.50068	.00319

#	Element	AD849812	AD8'4/MS	AD8'5/SD	AD8'9/PB	AD8'8/FB	AD850203
1	Al3082	1.3864	10.213	10.086	.02883	9.9835	4.1816
2	As1890	.03015	.22027	.21527	.00015	.20765	.00290
3	B_2496	3.6567	.99755	.99608	.00525	.20349	.04513
4	Ba4934	.55629	.23238	.23057	.00005	.20509	.14030
5	Be3130	.00403	.20733	.20242	-.00008	.19760	.00168
6	Ca3179	C.00000	25.478	25.088	.07043	10.067	20.237
7	Cd2265	.00086	.20840	.20325	.00012	.19925	.00044
8	Co2286	.00856	.21212	.20705	.00013	.20189	.00114
9	Cr2677	.08878	.20190	.19740	.00029	.19286	.00187
10	Cu3247	.28708	.20978	.20520	-.00108	.19915	.00169
11	Fe2714	105.29	10.503	10.243	.00787	9.9308	1.7089
12	K_7664	C.00000	11.437	11.332	-.00308	10.270	1.9497
13	Mg2790	28.448	17.329	17.050	.00018	9.9409	5.0655
14	Mn2576	2.8580	.21046	.20600	.00017	.19531	.78502
15	Mo2020	.05544	.47417	.46895	.00116	.20001	.00044
16	Na3302	H976.04	63.395	63.206	-.06889	10.067	73.562
17	Ni2316	.13924	.20658	.20252	.00052	.19761	.00546
18	2203/1	.83213	.20751	.20296	-.00135	.19407	.00251

#	Element	AD849812	AD8'4/MS	AD8'5/SD	AD8'9/PB	AD8'8/FB	AD850203
19	2203/2	.81945	.20896	.20363	.00045	.20215	.00444
20	Sb2068	.01384	.21833	.20962	.00277	.19947	.00060
21	1960/1	.00893	.20583	.19503	-.00215	.19440	-.00052
22	1960/2	-.02131	.21485	.20498	-.00184	.20128	.00149
23	Ti3372	.05629	.20547	.20153	-.00007	.19676	.15268
24	Tl1908	L-.01883	.20496	.19947	.00290	.19937	.00177
25	V_2924	.02275	.21231	.20763	.00038	.20312	.00187
26	Zn2062	1.1412	.20834	.20274	.00191	.19779	.11022
27	Sn1899	.02106	.21411	.20870	-.00002	.20641	-.00134
28	Ag3280	-.00039	.05159	.05080	.00023	.04957	-.00046
29	*Y	3166.24	4162.58	4147.91	4159.16	4155.19	4439.36
30	PB2203	.82367	.20847	.20340	-.00014	.19946	.00379
31	SE1960	L-.01123	.21184	.20166	-.00194	.19899	.00082

#	Element	AD850204	AD850205	AD850206	AD850207	CCV	CCB
1	Al3082	2.2742	2.0119	.03176	.10965	24.610	.02928
2	As1890	-.00088	-.00079	-.00052	.00288	.50244	.00007
3	B_2496	.01717	.02460	.10362	.08623	.48780	.00018
4	Ba4934	.00904	.14393	.21625	.44223	.49807	.00003
5	Be3130	-.00008	.00018	-.00002	.00000	.49040	.00009
6	Ca3179	.48017	99.296	109.34	101.00	24.884	.02109
7	Cd2265	.00003	-.00012	.00014	.00028	.49115	.00032
8	Co2286	.00034	.00117	.00042	.00117	.49447	.00007
9	Cr2677	.00194	.00198	.00004	.00927	.49108	.00040
10	Cu3247	-.00065	.00017	.00133	.00667	.49356	-.00084
11	Fe2714	1.0710	1.7629	.00622	.62801	24.419	.01642
12	K_7664	.06369	1.2157	4.3541	3.4743	25.050	-.00592
13	Mg2790	.28265	10.713	14.904	12.846	24.852	.01814
14	Mn2576	.00435	.08824	1.9304	5.2216	.48847	.00014
15	Mo2020	-.00018	.00129	.00150	.00245	.49164	.00121
16	Na3302	1.2271	9.7484	228.89	163.11	24.593	-.01278
17	Ni2316	.00112	.00252	.00210	.00642	.49125	-.00009
18	2203/1	.00180	.00175	.00066	-.00257	.49430	-.00289
19	2203/2	.00291	-.00023	-.00119	.00179	.50102	.00074
20	Sb2068	.00245	.00198	.00346	.00125	.49675	.00298
21	1960/1	-.00012	-.00131	-.00426	.00100	.49880	-.00275
22	1960/2	.00198	.00050	-.00063	.00025	.51059	-.00089
23	Ti3372	.02319	.04319	.00023	.00140	.49960	.00000
24	Tl1908	.00187	.00298	-.00110	.00252	.48857	.00365
25	V_2924	.00200	.00321	.00013	.00086	.50377	.00034
26	Zn2062	.00228	.00358	.00915	.01349	.49520	.00018
27	Sn1899	-.00084	.00173	-.00178	-.00125	.50654	-.00415
28	Ag3280	-.00020	.00021	.00029	.00019	.49390	-.00011
29	*Y	4174.39	4158.86	4071.49	4092.71	4115.7	4103.78
30	PB2203	.00254	.00043	-.00057	.00033	.49878	-.00046
31	SE1960	.00128	-.00010	-.00184	.00050	.50666	-.00151

#	Element	AD850208	AD850209	AD850210	AD850211	AD850212	AD850213
1	Al3082	.09672	.13075	.03046	.19640	.27245	.11212
2	As1890	.00042	-.00055	-.00022	.00068	-.00250	.00020
3	B_2496	.02712	.02987	.00486	.03179	.03149	.02727
4	Ba4934	.02183	.02232	.00009	.02108	.01780	.02204
5	Be3130	-.00005	-.00008	-.00007	-.00005	-.00004	-.00005
6	Ca3179	32.028	32.625	.13608	46.307	62.453	32.281
7	Cd2265	.00006	.00004	.00007	.00018	.00011	.00010
8	Co2286	.00024	.00018	.00009	.00020	.00016	-.00001
9	Cr2677	.00043	.00044	-.00005	.00061	.00033	.00043
10	Cu3247	.00049	.00248	-.00115	.00111	.00086	.00012
11	Fe2714	.07738	.12039	.01327	.09877	.10687	.10459
12	K_7664	1.5270	1.6526	.00047	1.7179	1.6742	1.5414
13	Mg2790	8.6008	8.5450	.01844	8.3400	8.1858	8.6004
14	Mn2576	.00634	.00795	.00010	.00786	.00737	.00798
15	Mo2020	.00187	.00131	-.00012	.00324	.00408	.00165
16	Na3302	16.596	12.076	.07844	15.219	14.599	11.717
17	Ni2316	.00133	.00053	.00023	.00121	.00122	.00077
18	2203/1	-.00012	-.00186	-.00014	-.00307	.00044	-.00113
19	2203/2	.00013	.00047	.00034	.00110	-.00217	.00089
20	Sb2068	.00173	.00369	.00283	.00235	.00100	.00146
21	1960/1	-.00275	-.00645	.00657	-.00579	-.00153	-.00575
22	1960/2	.00167	.00127	.00086	.00169	-.00272	-.00231
23	Ti3372	.00125	.00194	.00009	.00069	.00103	.00152
24	Tl1908	.00691	.00122	.00079	.00021	.00248	.00160
25	V_2924	.00077	.00117	.00016	.00104	.00047	.00074
26	Zn2062	.00276	.00225	.00082	.00662	.01013	.00194
27	Sn1899	-.00039	-.00179	-.00038	-.00153	-.00169	-.00226
28	Ag3280	.00027	-.00010	.00012	.00021	.00009	-.00023
29	*Y	4144.35	4138.46	4145.59	4123.31	4125.19	4107.11
30	PB2203	.00005	-.00030	.00018	-.00028	-.00130	.00022
31	SE1960	.00019	-.00130	.00276	-.00079	-.00233	-.00345

#	Element	AD850214	AD8'1:5)	AD8'4/PS	AD8'5/MD	CCV	CCB
1	Al3082	.16924	.06029	10.236	.16782	24.419	.02004
2	As1890	.00066	.00042	.21482	-.00108	.49839	.00054
3	B_2496	.02712	.00567	.22971	.02750	.48650	-.00051
4	Ba4934	.02223	.00482	.22845	.02226	.49659	.00001
5	Be3130	-.00007	-.00002	.20472	-.00002	.48528	.00007
6	Ca3179	32.103	6.5433	42.029	32.478	24.665	.01333
7	Cd2265	-.00011	-.00002	.20511	.00011	.48616	-.00003
8	Co2286	-.00008	-.00008	.20841	.00014	.49065	-.00028
9	Cr2677	.00033	-.00008	.19878	.00064	.48777	-.00018
10	Cu3247	.00168	-.00121	.20718	.00240	.49012	-.00152
11	Fe2714	.23397	.04691	10.488	.25720	24.265	.00896
12	K_7664	1.5461	.29156	12.223	1.5508	25.022	-.00828
13	Mg2790	8.5933	1.7400	18.879	8.6839	24.699	.01265
14	Mn2576	.01611	.00319	.21862	.01665	.48645	.00001
15	Mo2020	.00190	.00031	.21256	.00068	.48916	.00131
16	Na3302	11.675	2.3464	21.527	11.525	24.601	-.13338
17	Ni2316	.00141	.00029	.20284	.00121	.48606	.00000
18	2203/1	.00243	.00109	.20050	-.00368	.48760	-.00107

#	Element	AD850214	AD8'1:5)	AD8'4/PS	AD8'5/MD	CCV	CCB
19	2203/2	-.00080	-.00062	.20850	.00226	.49611	-.00121
20	Sb2068	.00103	.00047	.21111	.00187	.50026	.00163
21	1960/1	.00358	-.00287	.20439	-.01013	.47993	-.00532
22	1960/2	-.00073	-.00044	.21492	.00127	.51171	-.00254
23	Ti3372	.00309	.00046	.20897	.00202	.49798	-.00012
24	Tl1908	.00317	.00002	.19638	.00247	.47861	.00329
25	V_2924	.00025	.00004	.21428	.00073	.50136	.00008
26	Zn2062	.00205	-.00013	.20844	.00173	.49226	.00013
27	Sn1899	-.00095	-.00218	.18904	-.00191	.50190	-.00211
28	Ag3280	-.00040	.00004	.04991	-.00045	.49210	-.00016
29	*Y	4137.71	4087.76	4123.12	4133.44	4077.19	4070.51
30	PB2203	.00027	-.00005	.20584	.00028	.49328	-.00116
31	SE1960	.00070	-.00125	.21141	-.00252	.50111	-.00347

#	Element	AD8'6/MS	AD850217	AD8'2/PB	AD8'1/FB	AD849842	AD849843
1	Al3082	10.101	.04041	.07154	10.087	2.9678	96.801
2	As1890	.21118	-.00242	.00043	.21446	.00079	.08796
3	B_2496	.22383	.00612	.00905	.20781	.02865	.06492
4	Ba4934	.22770	.00013	.00014	.20796	.04511	.79681
5	Be3130	.19877	-.00003	-.00005	.20127	.00013	.00460
6	Ca3179	42.200	.13833	.15187	10.386	91.999	87.830
7	Cd2265	.19799	.00010	.00007	.20295	.00061	-.00049
8	Co2286	.20250	.00023	.00019	.20625	.00416	.10394
9	Cr2677	.19344	.00046	.00001	.19677	.00335	.14467
10	Cu3247	.20305	-.00015	-.00078	.20363	.01286	.29624
11	Fe2714	10.196	.01370	.01267	10.150	3.3696	275.48
12	K_7664	12.004	.00642	.00009	10.408	2.9545	14.462
13	Mg2790	18.618	.01051	.00376	10.189	10.815	39.182
14	Mn2576	.21297	.00026	.00004	.20007	1.1366	8.6701
15	Mo2020	.20523	.00005	.00032	.20659	.00072	.00567
16	Na3302	21.697	-.02135	.02928	10.141	53.386	64.763
17	Ni2316	.19714	.00107	.00048	.20015	.01067	.21662
18	2203/1	.20055	-.00442	-.00303	.19844	.00278	.14378
19	2203/2	.20246	.00147	.00209	.20821	.00191	.14775
20	Sb2068	.20640	.00224	.00599	.21007	.00227	.00307
21	1960/1	.20004	-.00190	-.00129	.19147	-.00319	-.00193
22	1960/2	.20039	.00068	.00363	.21283	.00045	-.01255
23	Ti3372	.20220	.00008	.00024	.20339	.03096	.25670
24	Tl1908	.19644	.00242	.00063	.20615	.00000	L-.02414
25	V_2924	.20687	.00047	.00074	.20924	.00399	.14780
26	Zn2062	.20033	.00207	.00031	.20348	.39542	1.0701
27	Sn1899	.20513	-.00293	-.00326	.20643	-.00177	.00148
28	Ag3280	.05021	.00017	-.00031	.04977	-.00062	-.00057
29	*Y	4112.14	4107.79	4109.48	4118.29	4089.23	4457.21
30	PB2203	.20182	-.00048	.00038	.20495	.00220	.14643
31	SE1960	.20027	-.00017	.00199	.20571	-.00075	-.00901

#	Element	AD849844	AD849845	AD8'1:5)	AD8'5/PS	CCV	CCB
1	Al3082	5.0350	36.337	9.5582	46.680	24.644	.04015
2	As1890	.00587	.03817	.00372	.24236	.50242	-.00229
3	B_2496	.03983	.05220	.02916	.25050	.48362	-.00086
4	Ba4934	.12596	.44421	.10651	.64554	.50009	.00014
5	Be3130	.00020	.00168	.00040	.19628	.48786	.00008
6	Ca3179	80.737	78.225	16.774	86.076	24.856	.01300
7	Cd2265	-.00008	.00017	.00021	.19422	.48391	.00000
8	Co2286	.00201	.02720	.00581	.22458	.49133	-.00015
9	Cr2677	.01118	.08755	.02099	.27630	.48664	.00001
10	Cu3247	.03102	.35458	.07118	.54827	.49342	-.00207
11	Fe2714	20.428	212.19	44.391	216.60	24.295	.01311
12	K_7664	4.2793	11.289	3.0335	22.292	25.077	.00371
13	Mg2790	10.688	18.301	3.9752	27.819	24.721	.01727
14	Mn2576	.11096	1.9613	.40792	2.1046	.48560	.00005
15	Mo2020	.00016	.00522	.00078	.20678	.49153	.00137
16	Na3302	87.574	74.487	15.498	82.828	24.791	-.00812
17	Ni2316	.00714	.07505	.01583	.26401	.48599	-.00001
18	2203/1	.05911	.13054	.02563	.31638	.49042	.00031
19	2203/2	.06059	.13109	.02906	.32337	.50157	-.00088
20	Sb2068	.00149	.00571	.00511	.19444	.50437	.00397
21	1960/1	.00456	.00112	-.01063	.18598	.48875	-.00501
22	1960/2	.00195	-.00663	.00217	.20043	.50666	.00031
23	Ti3372	.05051	.23806	.17799	.51426	.50266	.00088
24	Tl1908	-.00065	L-.01995	-.00524	.16797	.48428	.00044
25	V_2924	.00973	.09797	.02413	.30142	.50270	.00030
26	Zn2062	.27799	.93041	.19808	1.0979	.49201	.00000
27	Sn1899	-.00206	.00125	-.00143	.18445	.50123	-.00320
28	Ag3280	-.00016	-.00012	.00001	.04831	.49212	-.00016
29	*Y	4091.29	4230.3	4116.94	4215.15	4052.03	4058.78
30	PB2203	.06009	.13090	.02792	.32105	.49786	-.00048
31	SE1960	.00282	-.00405	-.00209	.19561	.50068	-.00146

#	Element	AD8'6/MS	AD8'7/SD	AD849848	AD849849	AD849850	AD849851
1	Al3082	47.371	46.988	23.657	4.6250	15.128	48.832
2	As1890	.25190	.24718	.00806	.00123	.00399	.04039
3	B_2496	.24713	.24474	.04770	.02856	.06934	.06742
4	Ba4934	.65520	.64925	.16904	.05639	.14732	.30697
5	Be3130	.19718	.19445	.00107	.00023	.00066	.00226
6	Ca3179	89.933	88.615	98.406	79.704	96.874	93.311
7	Cd2265	.19420	.19168	.00019	.00068	.00012	-.00136
8	Co2286	.22947	.22651	.01496	.00349	.01322	.02709
9	Cr2677	.28241	.27918	.04796	.00544	.02828	.08292
10	Cu3247	.57980	.57315	.32625	.01605	.12786	.24208
11	Fe2714	232.26	231.73	58.880	5.5092	33.408	132.68
12	K_7664	20.970	20.821	6.9288	2.8577	6.7697	12.667
13	Mg2790	29.022	28.686	19.242	12.279	18.308	24.888
14	Mn2576	2.2668	2.2315	.99154	.43903	1.7970	1.6958
15	Mo2020	.20711	.20356	.00222	.00019	.00208	.00721
16	Na3302	86.338	85.056	41.381	34.811	34.907	38.496
17	Ni2316	.27142	.26832	.04538	.00966	.03496	.08683
18	2203/1	.33063	.33020	.01655	.00221	.02645	.06660

#	Element	AD8'6/MS	AD8'7/SD	AD849848	AD849849	AD849850	AD849851
19	2203/2	.33535	.33029	.01764	.00248	.02644	.07256
20	Sb2068	.18560	.18179	.00450	.00253	.00157	.00855
21	1960/1	.19532	.20326	-.00383	-.00230	.00004	-.00050
22	1960/2	.20111	.19186	-.00352	-.00135	-.00095	-.00211
23	Ti3372	.43920	.43815	.12045	.04872	.08198	.25305
24	Tl1908	.16792	.16564	-.00402	-.00263	-.00319	L-.01429
25	V_2924	.30479	.30139	.02833	.00710	.02141	.08346
26	Zn2062	1.1688	1.1584	.44820	.42659	.17452	2.4462
27	Sn1899	.20996	.20641	.00031	-.00408	-.00012	.00363
28	Ag3280	.05069	.04994	.00004	-.00039	-.00015	.00009
29	*Y	4217.55	4213.24	4194.71	4106.14	4145.21	4276.91
30	PB2203	.33378	.33026	.01728	.00239	.02644	.07057
31	SE1960	.19918	.19566	-.00362	-.00167	-.00061	-.00157

#	Element	AD849852	AD849853	AD849854	AD849855	CCV	CCB
1	Al3082	34.867	.20001	.09389	14.677	24.908	.01849
2	As1890	.01430	.11210	.02359	.13947	.51637	-.00083
3	B_2496	.05894	8.6005	1.4017	8.5762	.49933	.00436
4	Ba4934	.28192	.06613	.03894	1.1682	.50854	.00004
5	Be3130	.00172	.00000	.00028	.00108	.49778	.00012
6	Ca3179	124.71	74.430	240.99	151.48	25.345	.01565
7	Cd2265	.00191	-.00010	L-.00166	-.00036	.49702	.00025
8	Co2286	.02834	.01142	.12139	.04275	.50287	.00046
9	Cr2677	.04420	.09814	-.00092	.14422	.49790	.00073
10	Cu3247	.13897	.00422	.00495	.03732	.50063	-.00079
11	Fe2714	64.132	2.2194	164.16	44.084	24.819	.01652
12	K_7664	10.064	310.58	91.431	H435.03	25.541	.01233
13	Mg2790	33.107	55.807	186.79	121.68	25.316	.00331
14	Mn2576	3.0155	.68077	H73.098	2.3474	.49491	.00018
15	Mo2020	.00304	.03113	L-.00813	.02297	.50066	.00099
16	Na3302	30.697	H3169.1	296.49	H1114.6	25.080	.01906
17	Ni2316	.07383	.13256	.10664	.16417	.49726	.00097
18	2203/1	.15991	.00306	.00453	.02488	.50130	-.00340
19	2203/2	.16352	-.00327	.00255	.02372	.51213	.00245
20	Sb2068	.00286	.00671	.00264	.00843	.51336	.00465
21	1960/1	.00478	.00463	.00016	.00361	.49933	-.00105
22	1960/2	-.00331	.00128	-.00913	-.00042	.52708	.00462
23	Ti3372	.21252	.07605	.00162	.24978	.51194	.00069
24	Tl1908	-.00922	-.00001	L-.02776	-.00528	.49183	.00094
25	V_2924	.05320	.08674	.00206	.07040	.51354	.00101
26	Zn2062	4.7187	.01280	.04408	.16952	.50741	.00046
27	Sn1899	.00103	.00567	-.00186	.02590	.51833	-.00272
28	Ag3280	-.00052	.00076	.00128	.00030	.49916	.00070
29	*Y	4265.78	3624.9	4057.54	3872.25	4032.53	4067.81
30	PB2203	.16232	-.00116	.00321	.02411	.50852	.00049
31	SE1960	-.00061	.00240	-.00603	.00091	.51782	.00273

#	Element	AD849856	AD849859	AD849860	CCV	CCB	STD BLK
1	Al3082	1.3314	1.3491	.10819	24.581	.01739	.07276
2	As1890	.00096	.01143	-.00078	.50641	-.00290	-.00979
3	B_2496	.09255	.20864	.01108	.48859	.00106	.05096
4	Ba4934	.04554	.46536	.01969	.49948	.00017	-.00233
5	Be3130	.00011	.00008	.00002	.49228	.00014	.22087
6	Ca3179	69.555	119.89	32.070	24.978	.01776	.01065
7	Cd2265	.00000	.00030	.00007	.49173	.00030	-.02031
8	Co2286	.00057	.00352	-.00034	.49654	.00036	-.0022
9	Cr2677	.00181	.00256	-.00025	.49158	.00039	.00797
10	Cu3247	.00664	.04425	-.00055	.49281	-.00097	.00612
11	Fe2714	1.5042	3.9744	.01537	24.587	.01717	.00012
12	K_7664	2.9844	12.666	1.5396	25.098	.00520	-.05618
13	Mg2790	13.312	33.381	8.6910	25.016	.00363	.00502
14	Mn2576	.03427	.15348	.00244	.49011	.00009	.00159
15	Mo2020	.00815	.00209	.00014	.49374	.00165	.00625
16	Na3302	24.328	90.280	14.178	24.708	.05678	.00121
17	Ni2316	.00315	.00462	.00208	.49122	.00012	-.07451
18	2203/1	.00737	.53963	-.00092	.49611	.00051	.01145
19	2203/2	.00940	.55503	.00090	.50595	-.00103	.01839
20	Sb2068	.00030	.00704	.00171	.50353	.00523	.00105
21	1960/1	.00434	-.00597	.00217	.49272	-.00284	-.00673
22	1960/2	.00209	.00050	.00074	.51511	-.00208	.03766
23	Ti3372	.04054	.06375	.00028	.50229	.00036	.06394
24	Tl1908	-.00164	.00305	.00332	.48250	.00217	-.01034
25	V_2924	.00281	.00271	.00039	.50389	.00026	.00061
26	Zn2062	.01636	.16105	.00200	.49983	.00038	.00159
27	Sn1899	-.00080	.00041	-.00330	.50614	-.00099	.0006
28	Ag3280	-.00074	-.00034	-.00072	.49449	.00044	.00292
29	*Y	4128.53	4068.56	4115.21	4066.39	4082.78	4081.54
30	PB2203	.00872	.54990	.00029	.50267	-.00051	
31	SE1960	.00284	-.00165	.00122	.50764	-.00233	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.20971	40.6621	82.7898	50.447	18.516	.00167
2	As1890	.45734	2.27652	4.60738	1.0060	.37054	.00096
3	B_2496	1.34714	6.52383	13.1261	1.0085	.37270	.00039
4	Ba4934	4.56217	22.7409	46.3043	1.0069	.37350	.00020
5	Be3130	7.34506	35.7728	71.4379	.99737	.37205	.00009
6	Ca3179			61.6594	50.099	18.577	.00397
7	Cd2265	10.6588	52.3894	104.492	.99319	.37191	.00010
8	Co2286	.6234	3.104	6.22129	1.0006	.37229	-.00010
9	Cr2677	1.87143	9.27727	18.5822	1.0006	.37231	-.00017
10	Cu3247	.87186	4.32771	8.75737	1.0032	.37059	.00042
11	Fe2714	1.79871	8.91959	17.838	49.899	18.587	.00456
12	K_7664			72.5995	50.208	18.765	-.00696
13	Mg2790			109.999	50.257	18.519	.00313
14	Mn2576	1.31793	6.54506	13.1375	1.0013	.37219	.00009
15	Mo2020	.92379	4.53987	9.15424	1.0053	.37869	.00069
16	Na3302			3.03697	49.608	18.507	.21228
17	Ni2316	4.68671	23.4186	47.0492	.99520	.37225	.00060
18	2203/1	1.36792	6.60566	13.2605	.99606	.37375	.00232

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
19	2203/2	1.36351	6.89573	13.7136	1.0045	.37398	-.00011
20	Sb2068	.32911	1.63741	3.30229	1.0099	.37361	.00096
21	1960/1	.3175	1.6518	3.31666	1.0204	.37758	-.00126
22	1960/2	.61044	2.9994	6.02713	1.0185	.37807	-.00379
23	Ti3372	5.49294	27.0026	54.7483	1.0025	.37457	.00048
24	Tl1908	.29718	1.52601	3.08852	1.0074	.36996	.00421
25	V_2924	.28414	1.4107	2.83196	1.0021	.37208	.00000
26	Zn2062	.19272	.9448	1.87846	.99451	.37425	.00000
27	Sn1899	1.3909	7.04534	14.1658	1.0141	.37606	-.00163
28	Ag3280	1.53559	7.62238	15.4267	1.0074	.37218	-.00001
29	*Y	4091.25	4074.9	4046.66	4055.33	4093.73	4065.04
30	PB2203				1.0017	.37390	.00069
31	SE1960				1.0191	.37790	-.00295

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'6/PB
1	Al3082	.22838	508.99	456.75	24.464	.02103	.03366
2	As1890	.01259↑	.00259	.10256	.49043	.00260	.00097
3	B_2496	.02185	.00172	.00212	.49345	.00023	.00688
4	Ba4934	.00221	.00101	.45940	.49000	.00023	.00015
5	Be3130	.00205	.00096	.44274	.49229	.00011	-.00004
6	Ca3179	.50151	510.78	456.71	24.607	.03480	.09340
7	Cd2265	.00124↑	-.00026	.87489	.49125	.00017	.00015
8	Co2286	.00393	.00047	.43823	.49237	.00013	.00025
9	Cr2677	.00418	-.00298	.43322	.49244	-.00036	.00011
10	Cu3247	.01036	.00096	.46276	.49070	.00057	.00045
11	Fe2714	.05388	194.89	87.004	24.584	.00828	.01707
12	K_7664	.47043	-.00266	-.01425	24.824	.00190	.00611
13	Mg2790	.20526	503.89	446.88	24.419	.01589	.00621
14	Mn2576	.00310	.00149	.43364	.49207	.00013	.00011
15	Mo2020	.01029	.00178	.00102	.48675	.00088	.00020
16	Na3302	1.1036	-.10164	-.01493	24.466	.14996	.12218
17	Ni2316	.01028	.00095	.84963	.49185	.00010	.00061
18	2203/1	.00600	-.00930	.04133	.49299	.00048	-.00099
19	2203/2	.00476	.00361	.04892	.49132	-.00210	-.00046
20	Sb2068	.02130	.00150	.56409	.48731	.00265	.00012
21	1960/1	.01408	-.00236	.04309	.49724	.00231	-.00395
22	1960/2	.01626	-.01149	.04631	.49217	-.00411	-.00249
23	Ti3372	.00526	.00130	.00248	.48588	.00056	.00040
24	Tl1908	.02418↑	-.01541	.08595	.49710	.00402	.00062
25	V_2924	.00568	-.00037	.45366	.49124	.00029	.00076
26	Zn2062	.01153	-.00566	.85230	.49243	.00024	.00069
27	Sn1899	.00797↓	.00094	.00128	.50100	.00012	.00009
28	Ag3280	.00302	-.00026	.19089	.49706	.00035	.00019
29	*Y	4076.18	3836.4	3846.68	4079.66	4093.24	4112.85
30	PB2203	.00517	-.00068	.04639	.49188	-.00124	-.00064
31	SE1960	.01553	-.00845	.04523	.49386	-.00197	-.00298

#	Element	AD8'5/FB	AD8'4/PB	AD8'3/FB	AD850134	AD850135	AD850136
1	Al3082	10.121	.02595	10.044	.10750	.02221	.03163
2	As1890	.21575	.00200	.20963	.07121	.00493	.00059
3	B_2496	.21125	.00635	.20879	7.6571	.73961	.73108
4	Ba4934	.20655	.00011	.20412	.31989	.09949	.09922
5	Be3130	.20549	-.00004	.20080	.00006	.00005	.00011
6	Ca3179	10.325	.08026	10.087	100.30	140.47	142.75
7	Cd2265	.20694	.00004	.20289	-.00016	.00016	.00011
8	Co2286	.20826	.00013	.20415	.01864	-.00010	.00031
9	Cr2677	.20116	-.00004	.19646	.09474	-.00023	-.00004
10	Cu3247	.20676	.00025	.20134	.00060	.00064	.00116
11	Fe2714	10.376	.00684	10.165	1.5177	-.00644	-.00472
12	K_7664	10.390	-.00483	10.326	H432.96	14.750	14.908
13	Mg2790	10.171	.00420	9.9851	172.37	100.01	101.60
14	Mn2576	.20450	.00006	.19990	.12120	.00020	.00125
15	Mo2020	.20792	.00050	.20264	.00603	.00146	.00097
16	Na3302	10.353	-.01809	10.270	H1086.3	77.445	78.179
17	Ni2316	.20443	.00025	.19966	.08939	.00034	.00447
18	2203/1	.20436	.00041	.20034	.00408	-.00270	-.00302
19	2203/2	.20398	-.00181	.19918	-.00312	-.00060	-.00086
20	Sb2068	.20559	.00017	.20254	.00168	.00127	.00335
21	1960/1	.20505	.00022	.20294	.00649	.00011	-.00481
22	1960/2	.19898	-.00304	.20212	-.00554	-.00105	-.00093
23	Ti3372	.19998	.00040	.19428	.20062	.00025	.00070
24	Tl1908	.20799	.00269	.20078	.00275	.00068	.00440
25	V_2924	.20663	.00033	.20197	.03954	.00056	.00069
26	Zn2062	.20424	.00074	.20025	.03271	.00253	.00770
27	Sn1899	.20435	-.00015	.20539	.00330	-.00107	-.00095
28	Ag3280	.05141	.00003	.05047	-.00047	-.00051	-.00039
29	*Y	4127.03	4137.56	4152.3	3825.64	4061.44	4049.33
30	PB2203	.20411	-.00107	.19957	-.00072	-.00130	-.00158
31	SE1960	.20100	-.00195	.20239	-.00152	-.00066	-.00222

#	Element	AD850137	AD850138	AD850139	CCV	CCB	AD850140
1	Al3082	.02752	.02479	.02565	24.447	.00472	.02347
2	As1890	.00354	.00530	.00630	.48670	.00316	.00501
3	B_2496	.02034	.03379	.01890	.48974	.00034	.03281
4	Ba4934	.14705	.18098	.14644	.48827	.00024	.18278
5	Be3130	.00011	.00001	.00015	.49138	.00009	.00001
6	Ca3179	141.61	138.34	146.55	24.480	.02374	139.40
7	Cd2265	-.00002	.00213	-.00005	.48962	.00000	.00207
8	Co2286	-.00003	.00808	-.00034	.49039	-.00037	.00791
9	Cr2677	-.00018	-.00003	-.00022	.49150	-.00035	.00012
10	Cu3247	.00169	.12237	.00066	.48958	.00063	.12265
11	Fe2714	-.00639	.02844	-.00195	24.542	.00726	.00555
12	K_7664	3.5029	3.6056	3.6049	24.826	-.00065	3.6510
13	Mg2790	41.896	39.616	40.125	24.374	.00659	40.125
14	Mn2576	.00067	4.2327	.00078	.49010	.00008	4.2571
15	Mo2020	-.00003	-.00021	.00024	.48608	.00111	-.00103
16	Na3302	13.235	13.286	13.422	24.406	.05434	13.433
17	Ni2316	.00053	.05218	.00046	.49049	.00061	.05298
18	2203/1	-.00243	.00134	.00003	.49188	.00140	-.00151

#	Element	AD850137	AD850138	AD850139	CCV	CCB	AD850140
19	2203/2	-.00013	-.00183	-.00179	.49111	-.00121	-.00167
20	Sb2068	.00183	-.00056	-.00075	.47961	-.00288	-.00247
21	1960/1	-.00045	.00472	-.00035	.50248	.00401	-.00382
22	1960/2	-.00147	-.00274	-.00340	.49226	-.00413	-.00665
23	Ti3372	.00006	.00027	.00028	.48469	.00069	.00034
24	Tl1908	.00186	-.00090	.00209	.49075	.00513	.00411
25	V_2924	.00055	-.00017	.00042	.49031	-.00026	-.00034
26	Zn2062	.00353	.16933	.00231	.48920	.00011	.16810
27	Sn1899	-.00118	.00091	-.00026	.50078	-.00102	.00030
28	Ag3280	-.00045	-.00014	.00027	.49553	-.00062	-.00087
29	*Y	4102.16	4092.38	4089.49	4083.41	4089.26	4100.18
30	PB2203	-.00089	-.00077	-.00118	.49137	-.00033	-.00161
31	SE1960	-.00113	-.00025	-.00238	.49566	-.00141	-.00571

#	Element	AD850141	AD850142	AD850143	AD8'1:5)	AD8'3/PS	AD8'4/MS
1	Al3082	.01972	.02276	.02020	.00757	10.157	10.080
2	As1890	-.00017	.00835	.00577	.00365	.21466	.21380
3	B_2496	.00531	.11479	.10180	.01972	.30256	.30085
4	Ba4934	.00003	.12879	.10176	.02049	.30446	.30430
5	Be3130	-.00005	-.00001	-.00002	.00000	.20695	.20267
6	Ca3179	.10315	85.780	54.186	10.888	63.377	63.036
7	Cd2265	.00001	.00008	-.00003	.00002	.20554	.20059
8	Co2286	-.00029	.00275	-.00035	.00014	.20581	.20302
9	Cr2677	-.00029	.00008	-.00043	-.00010	.19933	.19670
10	Cu3247	-.00005	.00119	.00049	.00062	.20498	.20292
11	Fe2714	-.00126	1.6683	.02060	.00009	10.387	10.186
12	K_7664	-.00174	5.7137	1.1128	.20276	11.774	11.631
13	Mg2790	.01017	47.002	42.013	8.3726	51.525	51.120
14	Mn2576	.00038	.06662	.05822	.01158	.26155	.25707
15	Mo2020	-.00056	.00200	.00246	.00025	.21204	.20669
16	Na3302	-.08925	69.778	20.768	4.3643	30.553	30.274
17	Ni2316	-.00016	.00477	.00026	.00046	.20234	.19953
18	2203/1	.00093	-.00231	.00068	-.00006	.19868	.19563
19	2203/2	-.00219	-.00087	-.00198	-.00126	.20077	.19836
20	Sb2068	-.00017	-.00010	-.00245	-.00028	.20143	.20568
21	1960/1	-.00055	.00088	.00388	-.00837	.21684	.20235
22	1960/2	-.00427	-.00374	-.00699	-.00093	.20584	.20712
23	Ti3372	.00009	.00016	.00018	.00038	.20157	.19668
24	Tl1908	-.00214	-.00060	.00040	.00140	.20684	.20156
25	V_2924	-.00013	.00032	-.00030	.00030	.20946	.20409
26	Zn2062	.00088	.00252	.00147	.00018	.20313	.19718
27	Sn1899	.00028	-.00126	.00149	-.00058	.19063	.20480
28	Ag3280	-.00001	-.00003	-.00033	-.00003	.05099	.05029
29	*Y	4120.5	4069.12	4093.65	4076.48	4097.59	4097.93
30	PB2203	-.00115	-.00135	-.00109	-.00086	.20007	.19745
31	SE1960	-.00303	-.00220	-.00336	-.00341	.20951	.20553

#	Element	AD8'5/SD	AD850146	AD850147	CCV	CCB	AD850148
1	Al3082	10.187	.02357	.03058	24.490	.00627	.02769
2	As1890	.21282	.00213	.01582	.48801	.00143	.00453
3	B_2496	.30716	.09589	.07735	.49100	.00109	.07160
4	Ba4934	.30826	.09327	.18370	.48931	.00017	.09574
5	Be3130	.19973	.00005	.00000	.49133	.00009	.00000
6	Ca3179	63.730	156.75	57.651	24.521	.02250	60.232
7	Cd2265	.19855	.00007	-.00005	.48998	.00014	.00002
8	Co2286	.20055	-.00026	-.00009	.49113	-.00004	.00013
9	Cr2677	.19411	-.00023	-.00007	.49183	.00008	-.00022
10	Cu3247	.20058	.00373	.00155	.49053	.00034	.00090
11	Fe2714	10.073	-.00060	-.00332	24.505	.00898	-.00572
12	K_7664	11.806	1.0687	1.2891	24.800	-.00461	1.2177
13	Mg2790	51.773	71.338	78.475	24.436	.00547	48.290
14	Mn2576	.25639	.02463	.00691	.48984	.00006	.01607
15	Mo2020	.20397	.00173	.00305	.48504	.00075	.00210
16	Na3302	30.808	25.071	16.179	24.381	-.03206	16.536
17	Ni2316	.19646	.00127	.00145	.49015	.00030	.00092
18	2203/1	.19569	.00057	-.00246	.49052	-.00023	.00062
19	2203/2	.19640	-.00138	.00016	.49252	-.00043	-.00086
20	Sb2068	.19986	.00167	.00139	.48222	.00150	.00072
21	1960/1	.19574	.00255	-.00329	.49721	-.00373	-.00487
22	1960/2	.19659	-.00466	-.00004	.49269	-.00121	-.00432
23	Ti3372	.19407	.00024	.00010	.48598	.00027	.00032
24	Tl1908	.19663	.00280	-.00022	.49162	.00207	.00625
25	V_2924	.20204	.00017	.00039	.49397	.00038	.00038
26	Zn2062	.19525	.00404	.00174	.48995	.00037	.00135
27	Sn1899	.20408	-.00190	.00109	.50045	.00137	.00090
28	Ag3280	.05144	.00026	-.00039	.49541	-.00015	-.00015
29	*Y	4087.05	4052.66	4081.05	4074.98	4084.54	4079.66
30	PB2203	.19616	-.00073	-.00071	.49185	-.00037	-.00036
31	SE1960	.19630	-.00226	-.00112	.49420	-.00205	-.00450

#	Element	AD850149	AD850150	AD850151	AD850152	CRI	ICSA
1	Al3082	.02609	.02503	.02474	.03516	.25097↑	512.63
2	As1890	.00631	.00257	.00570	.00367	.01238↑	-.00005
3	B_2496	.11254	.08890	.07612	.08814	.02019	.00170
4	Ba4934	.08313	.09644	.10084	.08347	.00208	.00111
5	Be3130	-.00001	.00004	-.00001	.00002	.00206	.00102
6	Ca3179	35.147	166.99	61.973	67.555	.50030	515.72
7	Cd2265	-.00015	.00004	-.00007	.00002	.00122↑	-.00034
8	Co2286	.00000	.00220	-.00035	-.00002	.00436	.00081
9	Cr2677	-.00054	-.00007	-.00068	-.00034	.00433	-.00282
10	Cu3247	.00045	.00046	.00088	.00107	.01051	.00098
11	Fe2714	.01921	.43363	.03906	.00147	.06374↑	195.09
12	K_7664	.84623	30.792	1.8917	3.2373	.46666	.00830
13	Mg2790	27.346	51.374	39.948	45.436	.20258	505.41
14	Mn2576	.02103	1.5683	.03808	.04805	.00308	.00135
15	Mo2020	.00308	.00596	.00353	.00329	.00954	.00144
16	Na3302	19.433	56.062	18.977	22.434	1.2577↑	.16182
17	Ni2316	.00052	.00578	.00081	.00117	.01005	.00104
18	2203/1	-.00272	-.00433	.00074	-.00265	.00241	-.00684

#	Element	AD850149	AD850150	AD850151	AD850152	CRI	ICSA
19	2203/2	-.00139	-.00104	-.00225	-.00058	.00572	.00719
20	Sb2068	-.00085	-.00128	-.00282	.00082	.02105	.00173
21	1960/1	-.00444	-.00180	-.00123	.00004	.00870	.00001
22	1960/2	-.00347	-.00615	-.00255	-.00561	.01404	-.00562
23	Ti3372	-.00003	.00002	.00029	.00018	.00520	.00159
24	Tl1908	.00155	.00254	-.00005	.00145	.02517	-.02578
25	V_2924	.00012	-.00008	.00004	.00065	.00575	.00020
26	Zn2062	.00134	.00261	.00186	.00220	.01165	-.00557
27	Sn1899	-.00107	.00238	-.00118	-.00106	.00981	.00078
28	Ag3280	-.00070	-.00025	-.00012	-.00051	.00295	.00039
29	*Y	4094.14	4037.03	4090.2	4072.65	4060.69	3799.16
30	PB2203	-.00183	-.00214	-.00125	-.00127	.00462	.00251
31	SE1960	-.00379	-.00470	-.00211	-.00372	.01226	-.00374

#	Element	ICSAB	CCV	CCB	STD BLK	STD 1	STD 2
1	Al3082	458.80	24.533	.00714	.07487	8.19542	40.5112
2	As1890	.09653	.49544	.00161	.00455	.45419	2.26503
3	B_2496	.00223	.49206	.00013	.03212	1.32982	6.48763
4	Ba4934	.46026	.49241	.00014	-.00036	4.55697	22.6468
5	Be3130	.44334	.49298	.00014	.22438	7.32207	35.5689
6	Ca3179	459.03	24.664	.00806	.01062		
7	Cd2265	.87632	.49085	.00006	-.02879	10.6076	52.2134
8	Co2286	.43980	.49227	-.00026	-.00654	.61927	3.10154
9	Cr2677	.43521	.49357	.00014	.00209	1.87335	9.27453
10	Cu3247	.46408	.49239	.00025	.00518	.87188	4.30277
11	Fe2714	87.028	24.534	.00462	.00135	1.78837	8.87417
12	K_7664	-.00038	24.946	.00243	-.07695		
13	Mg2790	448.24	24.424	.00809	.00568		
14	Mn2576	.43368	.49100	.00005	.00148	1.31167	6.52143
15	Mo2020	.00224	.48562	.00103	.00346	.91528	4.53107
16	Na3302	.08548	24.559	-.00551	-.00011		
17	Ni2316	.85081	.49171	.00004	-.07339	4.66237	23.2725
18	2203/1	.03616	.49133	.00023	.01642	1.38804	6.64292
19	2203/2	.04973	.49631	-.00086	-.0168	1.35079	6.8658
20	Sb2068	.56665	.48897	.00264	.00141	.33381	1.62033
21	1960/1	.04237	.50494	.00451	-.01519	.32303	1.65635
22	1960/2	.03989	.49594	-.00451	.01831	.62652	2.99879
23	Ti3372	.00261	.49083	.00040	.06536	5.51922	27.053
24	Tl1908	.08581	.49757	.00013	.00175	.29677	1.50742
25	V_2924	.45988	.49722	.00057	.00111	.28589	1.42434
26	Zn2062	.85683	.49285	.00000	.0016	.19265	.94331
27	Sn1899	.00273	.50466	.00083	-.00677	1.41132	7.03058
28	Ag3280	.19149	.49633	.00033	.00099	1.53407	7.60252
29	*Y	3820.5	4039.84	4034.03	4046.55	4053.98	4053.79
30	PB2203	.04521	.49465	-.00049			
31	SE1960	.04072	.49894	-.00150			

#	Element	STD 3	STD' VER	ICV	ICB	CRI	ICSA
1	Al3082	82.7158	50.803	18.592	.00589	.24873↑	511.53
2	As1890	4.61979	1.0169	.37733	-.00127	.01041	.00026
3	B_2496	13.1139	1.0096	.37392	.00194	.02224	.00333
4	Ba4934	46.2397	1.0154	.37500	.00012	.00204	.00105
5	Be3130	71.3109	1.0046	.37299	.00010	.00200	.00098
6	Ca3179	61.8812	50.354	18.592	.00410	.49795	513.21
7	Cd2265	104.67	.99648	.37193	.00018	.00115	-.00073
8	Co2286	6.2369	1.0016	.37299	.00044	.00480	.00153
9	Cr2677	18.6687	1.0016	.37190	.00007	.00437	-.00248
10	Cu3247	8.73815	1.0100	.37182	-.00002	.00998	.00105
11	Fe2714	17.8288	50.071	18.640	-.00219	.04933	195.63
12	K_7664	73.0248	50.232	18.816	.00480	.47567	.00632
13	Mg2790	110.204	50.281	18.525	.00172	.20005	504.58
14	Mn2576	13.1247	1.0030	.37273	.00012	.00311	.00143
15	Mo2020	9.17191	1.0070	.37918	.00084	.00943	.00170
16	Na3302	3.08015	49.774	18.529	.09296	1.0280	.07833
17	Ni2316	47.0362	1.0045	.37352	.00059	.00993	.00122
18	2203/1	13.3394	.99469	.37122	-.00132	.00195	-.00810
19	2203/2	13.7411	1.0053	.37532	.00203	.00732	.01156
20	Sb2068	3.31383	1.0094	.37477	.00077	.02021	-.00054
21	1960/1	3.34583	.99909	.36815	-.00143	.00861	.01119
22	1960/2	6.02636	1.0032	.37382	.00512	.01800	-.00046
23	Ti3372	55.0754	1.0118	.37679	.00049	.00503	.00165
24	Tl1908	3.10549	1.0278	.38255	-.00300	.01855	-.02979
25	V_2924	2.87694	1.0061	.37291	.00013	.00523	-.00007
26	Zn2062	1.88714	.99743	.37506	.00006	.01172	-.00601
27	Sn1899	14.1907	1.0047	.37699	.00024	.00725↓	.00337
28	Ag3280	15.4298	1.0075	.37241	-.00001	.00232↓	.00018
29	*Y	4011.38	4002.98	4040.63	4024.91	4053.41	3778.69
30	PB2203		1.0018	.37396	.00091	.00553	.00501
31	SE1960		1.0018	.37193	.00293	.01487	.00342

#	Element	ICSAB	CCV	CCB	AD8'0/PB	AD8'9/FB	AD849917
1	Al3082	458.00	24.602	.00885	.02533	10.114	.14762
2	As1890	.09714	.49889	-.00031	-.00130	.21366	.01582
3	B_2496	.00406	.49137	.00307	.00608	.21039	.38023
4	Ba4934	.46078	.49526	.00005	.00002	.20632	.02154
5	Be3130	.44244	.49429	.00011	.00000	.20238	.00016
6	Ca3179	456.95	24.642	.00593	.06965	10.181	339.36
7	Cd2265	.87726	.49191	.00027	.00011	.20447	.00004
8	Co2286	.44018	.49302	.00062	.00069	.20639	.00108
9	Cr2677	.43344	.49218	.00013	.00013	.19748	.00274
10	Cu3247	.46336	.49395	-.00008	.00035	.20346	.00013
11	Fe2714	87.289	24.613	.00516	.00432	10.238	17.769
12	K_7664	.00522	24.951	.02028	.00415	10.416	26.938
13	Mg2790	447.95	24.424	.00914	.00116	10.082	185.50
14	Mn2576	.43421	.49283	.00005	.00009	.20165	2.2976
15	Mo2020	.00148	.48975	.00117	.00044	.20543	.00404
16	Na3302	-.02488	24.346	.08930	-.11919	10.349	76.564
17	Ni2316	.84942	.49413	.00000	.00047	.20172	.00333
18	2203/1	.03474	.48918	-.00095	-.00324	.19897	.00069

#	Element	ICSAB	CCV	CCB	AD8'0/PB	AD8'9/FB	AD849917
19	2203/2	.05312	.49722	.00232	.00306	.20838	.00093
20	Sb2068	.56647	.48755	.00361	.00140	.20266	.00049
21	1960/1	.03861	.48847	.00338	.00356	.20512	.00162
22	1960/2	.04674	.49345	.00085	.00105	.20247	-.00861
23	Ti3372	.00279	.49158	.00036	.00028	.19790	.00204
24	Tl1908	Q.07921	.50430	-.00221	.00159	.20718	-.00435
25	V_2924	.45721	.49564	.00031	.00021	.20559	.00015
26	Zn2062	.85639	.49377	.00013	.00128	.20362	.00194
27	Sn1899	.00119	.49450	.00010	-.00116	.20552	.00236
28	Ag3280	.19135	.49581	.00023	-.00015	.05014	-.00005
29	*Y	3800.44	4023.53	4013.81	4075.73	4080.34	3931.61
30	PB2203	.04700	.49454	.00123	.00096	.20525	.00085
31	SE1960	.04403	.49179	.00169	.00188	.20335	-.00520

#	Element	AD849918	AD849919	AD8'1:5)	AD8'9/PS	AD8'0/MS	AD8'1/SD
1	Al3082	.04410	.03446	.01508	10.435	10.329	10.390
2	As1890	.00354	.02050	.00310	.23691	.23643	.23350
3	B_2496	.43568	.30526	.06048	.50655	.50727	.51015
4	Ba4934	.02130	.01641	.00343	.22701	.22584	.22743
5	Be3130	.00014	.00014	.00004	.20413	.19978	.20064
6	Ca3179	340.18	359.43	70.961	360.67	364.38	368.70
7	Cd2265	.00022	-.00011	.00013	.20187	.19727	.19740
8	Co2286	.01496	.00697	.00165	.20980	.20714	.20742
9	Cr2677	.00145	.00015	.00011	.19775	.19439	.19482
10	Cu3247	.00053	-.00024	-.00029	.20830	.20571	.20672
11	Fe2714	9.1866	14.975	3.0294	24.832	24.827	24.976
12	K_7664	25.770	15.928	2.8733	26.744	26.816	27.025
13	Mg2790	200.24	198.58	39.323	203.77	205.48	207.20
14	Mn2576	1.2489	1.5418	.31051	1.7024	1.7179	1.7292
15	Mo2020	.00062	.00334	.00114	.21319	.20991	.21073
16	Na3302	101.67	76.406	15.355	84.841	85.790	86.545
17	Ni2316	.00371	.00486	.00127	.20361	.19972	.19952
18	2203/1	-.00296	.00168	.00146	.19319	.19497	.19484
19	2203/2	.00176	-.00019	.00060	.20113	.19873	.19654
20	Sb2068	.00048	-.00229	.00160	.21237	.20703	.21185
21	1960/1	-.00323	.00384	.00298	.20086	.20388	.20571
22	1960/2	-.00040	.00061	.00002	.20908	.20286	.20214
23	Ti3372	.00055	.00028	.00051	.20422	.19981	.20069
24	Tl1908	-.00508	-.00510	-.00060	.19839	.19159	.19657
25	V_2924	.00001	-.00051	-.00038	.21177	.20696	.20732
26	Zn2062	.00102	.00195	.00026	.19890	.19346	.19427
27	Sn1899	.00025	.00056	.00217	.18799	.20623	.20435
28	Ag3280	.00022	.00009	.00039	.05237	.05132	.05222
29	*Y	3913.65	3920.96	3986.51	3934.46	3927.71	3914.14
30	PB2203	.00018	.00042	.00089	.19848	.19748	.19597
31	SE1960	-.00134	.00169	.00100	.20634	.20320	.20333

#	Element	AD849922	CCV	CCB	AD849923	AD849924	AD849925
1	Al3082	.03866	24.656	.00424	.03690	.04043	.05178
2	As1890	-.00090	.49776	.00033	.00842	.00431	.00202
3	B_2496	.25338	.49162	.00145	.23035	.30441	.27742
4	Ba4934	.02754	.49584	.00005	.01203	.01881	.01221
5	Be3130	.00016	.49369	.00007	.00024	.00014	.00027
6	Ca3179	333.69	24.657	.00552	419.20	312.03	534.28
7	Cd2265	.00009	.49014	.00021	.00003	-.00003	.00008
8	Co2286	.00173	.49345	.00026	.01007	.00061	.00154
9	Cr2677	.00035	.49151	-.00029	.00023	.00040	.00164
10	Cu3247	.00022	.49378	-.00049	-.00069	-.00013	-.00055
11	Fe2714	4.5591	24.607	-.00253	13.042	4.7490	12.140
12	K_7664	12.343	25.049	-.00756	10.226	12.001	8.3077
13	Mg2790	172.83	24.460	.00586	185.57	171.17	237.70
14	Mn2576	2.0459	.49106	.00009	4.3038	1.8719	6.6357
15	Mo2020	.00150	.48765	.00018	.00048	.00025	.00112
16	Na3302	62.912	24.794	-.10218	47.403	79.791	64.738
17	Ni2316	.00301	.49269	-.00014	.01913	.00187	.00500
18	2203/1	-.00236	.48634	-.00117	-.00015	-.00069	-.00178
19	2203/2	.00202	.49915	.00128	.00144	.00476	.00169
20	Sb2068	.00219	.48800	-.00051	.00217	.00087	.00151
21	1960/1	-.00282	.48869	.00233	.00583	-.00498	.00666
22	1960/2	.00052	.49782	-.00029	-.00176	.00050	-.00569
23	Ti3372	.00031	.49318	.00028	.00022	.00035	-.00003
24	Tl1908	-.00087	.50534	-.00340	-.00072	-.00497	-.00450
25	V_2924	-.00014	.49639	-.00034	-.00049	-.00041	.00015
26	Zn2062	.00101	.49392	.00000	.00263	.00175	.00572
27	Sn1899	.00337	.49639	-.00041	-.00048	.00076	.00094
28	Ag3280	-.00018	.49509	-.00058	-.00013	.00000	.00046
29	*Y	3936.83	4009.01	4017.6	3917.33	3945.49	3887.78
30	PB2203	.00056	.49489	.00046	.00091	.00294	.00053
31	SE1960	-.00059	.49477	.00057	.00077	-.00132	-.00157

#	Element	AD849926	AD849927	AD849928	AD849929	AD849930	AD849931
1	Al3082	.04347	.79928	.06361	.05185	.04504	.03632
2	As1890	.00037	.00262	.00427	.00174	.02266	.00293
3	B_2496	.22614	.17436	.06724	.04727	.04460	.04147
4	Ba4934	.01471	.03683	.06475	.06633	.09723	.16969
5	Be3130	.00024	.00007	.00005	.00002	.00013	.00004
6	Ca3179	519.20	422.68	190.26	109.40	117.73	114.38
7	Cd2265	-.00021	.00015	.00003	.00007	-.00008	.00000
8	Co2286	.00100	.00332	.01642	.00039	.00094	.00318
9	Cr2677	.00056	.00157	.00054	.00051	.00130	.00048
10	Cu3247	-.00043	.00660	.00054	.00011	-.00041	-.00012
11	Fe2714	29.391	3.9508	3.0068	1.4562	26.449	3.5922
12	K_7664	7.3918	10.005	3.0431	2.7643	2.9497	2.6292
13	Mg2790	243.21	156.64	88.576	59.083	61.179	61.987
14	Mn2576	2.7584	4.1144	.29980	.03850	.04514	.46107
15	Mo2020	.00020	-.00058	.00173	.00396	.00347	.00739
16	Na3302	63.402	16.373	9.8499	17.007	22.829	21.506
17	Ni2316	.00134	.00392	.01844	.00076	.00217	.00682
18	2203/1	-.00190	.00127	-.00456	-.00055	.00008	.00051

#	Element	AD849926	AD849927	AD849928	AD849929	AD849930	AD849931
19	2203/2	.00218	.00119	.00259	.00029	.00237	-.00047
20	Sb2068	.00034	-.00104	.00007	-.00286	-.00053	.00226
21	1960/1	-.00587	.00458	.00388	.00405	.00250	.00070
22	1960/2	.00220	.00253	-.00067	-.00220	.00069	-.00419
23	Ti3372	.00011	.00949	.00103	.00054	.00076	.00033
24	Tl1908	-.00915	-.00871	-.00427	-.00238	-.00942	-.00455
25	V_2924	-.00015	.00085	.00022	-.00018	.00000	-.00025
26	Zn2062	.00066	.01043	.00846	.00151	.00076	.00185
27	Sn1899	-.00106	.00333	.00071	-.00126	-.00015	.00021
28	Ag3280	-.00059	.00030	-.00022	.00000	-.00036	.00021
29	*Y	3923.93	4022.78	3997.31	4010.48	4004.18	3991.8
30	PB2203	.00082	.00122	.00020	.00001	.00161	-.00014
31	SE1960	-.00049	.00321	.00084	-.00011	.00129	-.00255

#	Element	AD849932	CCV	CCB	AD849933	AD849934	AD849935
1	Al3082	.09958	24.586	.00834	.31886	.09042	.18418
2	As1890	.00112	.50320	.00031	.00819	.00066	.00087
3	B_2496	.04552	.49208	.00123	.05458	.06128	.05978
4	Ba4934	.04827	.49462	.00017	.08662	.06660	.06284
5	Be3130	.00006	.49237	.00013	.00008	.00005	.00011
6	Ca3179	194.25	24.643	.00696	109.69	125.27	122.38
7	Cd2265	.00002	.49062	.00020	.00006	.00001	.00016
8	Co2286	.00248	.49298	.00058	.00074	.00181	.00096
9	Cr2677	.00076	.49096	.00017	.00174	.00119	.06364
10	Cu3247	.00352	.49244	-.00041	.00331	.00031	.00142
11	Fe2714	2.4058	24.557	.00061	4.3785	.68074	.38396
12	K_7664	3.2478	24.911	.01605	4.5217	4.9046	4.3817
13	Mg2790	75.944	24.513	.00985	61.836	60.954	61.761
14	Mn2576	.19012	.49040	.00013	.02594	.06683	.03511
15	Mo2020	.00749	.49032	.00187	.01131	.00174	.00406
16	Na3302	18.798	24.504	.11361	73.722	74.792	78.377
17	Ni2316	.00423	.49182	.00014	.00247	.00831	.00734
18	2203/1	-.00032	.48930	.00287	.00034	.00048	-.00203
19	2203/2	.00206	.49860	-.00123	.00162	.00136	.00252
20	Sb2068	-.00070	.49169	.00121	-.00023	.00236	.00046
21	1960/1	-.00266	.49236	.00354	.00042	.00679	-.00078
22	1960/2	.00238	.49242	-.00474	.00007	-.00312	-.00223
23	Ti3372	.00099	.49427	.00075	.00618	.00131	.00340
24	Tl1908	-.00212	.49309	-.00137	-.00509	-.00137	.00192
25	V_2924	-.00006	.49798	-.00007	.00038	.00013	.00009
26	Zn2062	.00716	.49422	.00006	.00937	.00192	.00196
27	Sn1899	-.00202	.49753	-.00048	.00110	.00110	-.00114
28	Ag3280	-.00050	.49379	.00044	-.00012	-.00030	-.00042
29	*Y	3981.98	4010.33	4006.43	4001.06	3993.6	3994.5
30	PB2203	.00126	.49550	.00013	.00119	.00107	.00100
31	SE1960	.00069	.49239	-.00197	.00019	.00018	-.00175

#	Element	AD849936	AD849937	AD849938	AD8'6/PB	AD8'5/FB	AD849895
1	Al3082	.13300	.67071	.04340	.03549	10.361	5.6556
2	As1890	.00070	.00190	.00069	-.00171	.21455	.01625
3	B_2496	.05894	.05096	.05067	.00595	.21249	.06569
4	Ba4934	.06906	.07302	.07019	.00006	.21148	.18626
5	Be3130	.00005	.00010	.00007	-.00002	.20607	.00033
6	Ca3179	122.12	132.54	130.42	.08923	10.383	190.47
7	Cd2265	.00012	.00003	.00011	.00010	.20784	-.00005
8	Co2286	.00131	.00143	.00075	.00057	.20934	.00626
9	Cr2677	.07925	.00305	.00031	.00008	.20071	.55379
10	Cu3247	.00169	.00189	.00061	-.00051	.20682	.01865
11	Fe2714	3.0216	6.0004	1.9628	.01308	10.381	24.803
12	K_7664	4.5735	2.9523	3.2804	.00173	10.588	6.3756
13	Mg2790	59.260	66.768	66.018	.00506	10.246	62.317
14	Mn2576	.01285	.17390	.12744	.00010	.20428	.69758
15	Mo2020	.00199	.00567	.00372	-.00018	.20776	.01478
16	Na3302	81.430	14.596	42.664	.26238	10.722	69.485
17	Ni2316	.02550	.00276	.00434	.00001	.20490	.20744
18	2203/1	-.00267	.00017	.00091	-.00051	.20183	.00111
19	2203/2	.00062	.00171	.00023	.00127	.20968	.00348
20	Sb2068	.00109	.00124	-.00020	-.00094	.20691	.00328
21	1960/1	.00342	.00326	.00051	.00341	.20494	.00245
22	1960/2	.00201	.00019	.00470	.00035	.20499	-.00176
23	Ti3372	.00177	.02027	.00044	.00023	.20314	.06686
24	Tl1908	-.00359	-.00520	-.00232	-.00108	.20421	-.00505
25	V_2924	-.00012	.00128	-.00072	.00008	.21005	.01247
26	Zn2062	.00781	.00642	.00298	.00097	.20613	.02602
27	Sn1899	.00183	-.00066	.00090	.00137	.20920	.00097
28	Ag3280	-.00008	.00036	-.00050	.00016	.05083	.00022
29	*Y	3975.45	3986.29	3988.88	4041.79	4051.35	4005.56
30	PB2203	-.00047	.00120	.00046	.00067	.20707	.00269
31	SE1960	.00248	.00121	.00330	.00137	.20497	-.00035

#	Element	AD849896	CCV	CCB	AD849897	AD849898	AD849899
1	Al3082	.09009	24.682	.00474	.05312	.78318	55.264
2	As1890	.00438	.50659	-.00412	.00528	.00405	.04022
3	B_2496	.46876	.48992	.00066	.48175	.06113	.13385
4	Ba4934	.12935	.49660	.00003	.09724	.05422	.25472
5	Be3130	-.00001	.49361	.00014	.00001	.00023	.00286
6	Ca3179	31.425	24.695	.00472	14.879	383.16	276.01
7	Cd2265	.00006	.48937	-.00007	.00006	.00013	-.00035
8	Co2286	.00215	.49180	.00034	.00149	.00202	.03231
9	Cr2677	.05378	.48967	-.00032	.03971	.01053	.10242
10	Cu3247	.04868	.49365	-.00054	.01344	.00137	.09320
11	Fe2714	4.1290	24.467	-.00215	1.9565	7.5067	101.10
12	K_7664	44.264	24.850	.00128	45.879	3.7813	12.570
13	Mg2790	4.1236	24.522	.00384	4.0124	110.25	86.570
14	Mn2576	.40894	.48940	.00009	.15226	.94522	1.5481
15	Mo2020	4.0848	.49348	.00164	4.2367	.01471	.01637
16	Na3302	H717.41	24.289	.06962	H735.62	262.95	56.912
17	Ni2316	.04257	.49267	.00023	.04069	.00965	.10553
18	2203/1	.01759	.48884	.00073	.01289	.00167	.04081

#	Element	AD849896	CCV	CCB	AD849897	AD849898	AD849899
19	2203/2	.01686	.49963	.00044	.01019	.00458	.04732
20	Sb2068	-.00323	.48928	.00176	-.00042	.00258	.00212
21	1960/1	.00439	.49256	.00607	.00034	.00056	.00434
22	1960/2	.00284	.49238	-.00118	-.00083	-.00051	-.00446
23	Ti3372	.00201	.49536	.00044	.00158	.00808	.53302
24	Tl1908	-.00418	.49761	.00002	-.00497	-.00412	L-.01660
25	V_2924	.00744	.49689	-.00034	.00584	.00167	.12306
26	Zn2062	.02260	.49274	-.00019	.01430	.00669	.28269
27	Sn1899	.00348	.49707	-.00128	.00263	.00167	.00554
28	Ag3280	-.00031	.49380	-.00044	.00021	.00039	-.00023
29	*Y	3955.31	3994.46	3989.93	3922.05	3877.91	4092.45
30	PB2203	.01711	.49604	.00054	.01109	.00361	.04515
31	SE1960	.00336	.49244	.00123	-.00044	-.00015	-.00153

#	Element	AD849900	AD8'1:5)	AD8'0/PS	AD8'1/MS	AD8'2/SD	AD849903
1	Al3082	8.2889	1.7015	18.487	17.546	17.440	2.4254
2	As1890	.00152	.00121	.22046	.22043	.21680	.00488
3	B_2496	19.272	3.8238	19.005	19.790	19.592	.40868
4	Ba4934	.05484	.01129	.26162	.25814	.25677	.11416
5	Be3130	.00044	.00012	.20608	.20419	.20268	.00039
6	Ca3179	194.81	38.965	201.04	204.63	202.83	11.578
7	Cd2265	-.00014	.00000	.20318	.20096	.19960	.00003
8	Co2286	.00368	.00084	.20723	.20710	.20578	.00264
9	Cr2677	.06455	.01345	.26082	.24864	.24753	.01199
10	Cu3247	.00947	.00160	.21523	.21530	.21328	.00844
11	Fe2714	10.341	2.1081	20.386	20.239	19.890	4.3948
12	K_7664	4.4532	.80750	15.686	14.931	14.861	4.9391
13	Mg2790	74.509	14.976	83.056	85.019	84.299	5.1680
14	Mn2576	.14239	.02895	.34269	.33178	.32849	.08563
15	Mo2020	.00379	.00024	.21346	.20939	.20979	.08172
16	Na3302	122.72	24.590	130.30	135.09	134.03	H1737.7
17	Ni2316	.03520	.00751	.23324	.23001	.22772	.01145
18	2203/1	.00643	.00202	.20007	.20106	.19936	.00252
19	2203/2	.00141	.00061	.20731	.20723	.20427	.00700
20	Sb2068	-.00023	-.00269	.20727	.20538	.20270	-.00300
21	1960/1	.01090	.00220	.20034	.20251	.20607	.00298
22	1960/2	-.00299	-.00180	.20661	.20495	.20557	-.00067
23	Ti3372	.10290	.02504	.31791	.29039	.28824	.10070
24	Tl1908	-.00335	-.00433	.19937	.20051	.19587	-.00230
25	V_2924	.01511	.00281	.22693	.22213	.22041	.03029
26	Zn2062	.03210	.00653	.23090	.22745	.22520	.02324
27	Sn1899	.00050	-.00010	.18678	.20858	.20495	.00373
28	Ag3280	.00037	.00020	.05115	.05220	.05126	-.00071
29	*Y	3964.91	3998.21	3953.06	3955.09	3948.75	3757.16
30	PB2203	.00308	.00108	.20490	.20517	.20263	.00551
31	SE1960	.00163	-.00046	.20452	.20414	.20574	.00054

#	Element	AD849904	CCV	CCB	AD849905	AD849906	AD849907
1	Al3082	23.662	24.711	.00724	.15909	5.3866	.30945
2	As1890	.00660	.50234	-.00046	.00000	.02470	.00675
3	B_2496	.09245	.49501	.00532	.04159	.11949	.11538
4	Ba4934	.47578	.49654	.00011	.27190	.06814	.03931
5	Be3130	.00121	.49348	.00013	.00021	.00029	.00005
6	Ca3179	484.73	24.697	.00493	349.91	90.676	63.000
7	Cd2265	-.00022	.49011	.00012	-.00015	-.00008	.00013
8	Co2286	.01256	.49213	.00052	.00072	.00465	.00134
9	Cr2677	.14797	.49103	.00006	.00101	.01720	.00443
10	Cu3247	.03206	.49267	-.00040	.00059	.01339	.00527
11	Fe2714	41.143	24.480	.00173	17.975	20.162	2.7493
12	K_7664	11.327	24.983	.00935	2.4689	2.2982	1.0626
13	Mg2790	161.45	24.515	.00365	95.647	15.953	5.3237
14	Mn2576	1.1046	.48979	.00010	.21808	6.3805	1.2366
15	Mo2020	.00769	.48893	.00200	.00134	.00758	.02422
16	Na3302	206.26	24.485	.20582	314.72	315.18	149.49
17	Ni2316	.06347	.49181	.00041	.00171	.01349	.02655
18	2203/1	.01540	.48872	.00193	-.00066	.00710	.00151
19	2203/2	.01768	.50273	.00134	.00096	.00414	.00361
20	Sb2068	-.00062	.48949	.00115	.00093	.00169	.00228
21	1960/1	.00626	.49966	.00342	.00237	.00470	.00219
22	1960/2	-.00401	.49662	.00024	.00341	-.00133	-.00033
23	Ti3372	.29943	.49485	.00070	.00260	.07080	.00534
24	Tl1908	-.00935	.49661	-.00385	-.00572	-.00585	.00007
25	V_2924	.04883	.49808	.00001	-.00002	.01416	.00343
26	Zn2062	.10229	.49368	.00007	.00363	.03041	.00647
27	Sn1899	.00365	.49946	-.00014	.00219	.00236	.00085
28	Ag3280	-.00025	.49457	-.00004	-.00020	.00055	.00009
29	*Y	3939.3	3976.16	3956.44	3867.3	3969.11	3958.2
30	PB2203	.01692	.49807	.00153	.00042	.00513	.00291
31	SE1960	-.00058	.49763	.00130	.00306	.00068	.00050

#	Element	AD849908	AD8'1:5)	AD8'8/PS	AD8'9/MS	AD8'0/SD	AD849911
1	Al3082	.87120	.18518	11.212	25.193	24.676	6.1472
2	As1890	.01314	.00272	.23422	.27051	.27184	.00629
3	B_2496	.06563	.01567	.27076	.30323	.30474	.06963
4	Ba4934	.50831	.10129	.70717	1.0057	.99047	.21773
5	Be3130	.00014	.00007	.20939	.20532	.20451	.00041
6	Ca3179	150.35	29.868	157.60	262.59	257.81	129.30
7	Cd2265	.00002	.00011	.20560	.20009	.20055	.00001
8	Co2286	.00220	.00102	.20946	.21651	.21606	.01057
9	Cr2677	.00206	.00084	.20235	.24303	.24181	.94028
10	Cu3247	.00142	-.00037	.21145	.23699	.23553	.02799
11	Fe2714	14.334	2.8891	24.299	70.869	69.573	17.333
12	K_7664	5.0301	.85712	16.840	21.524	21.478	5.2950
13	Mg2790	41.972	8.4099	51.232	85.052	83.930	40.352
14	Mn2576	.29924	.06000	.49558	1.1526	1.1367	.60376
15	Mo2020	.00557	.00109	.21917	.22034	.22026	.01813
16	Na3302	331.29	66.022	334.61	H431.84	H423.31	57.795
17	Ni2316	.00320	.00073	.20557	.23389	.23291	.28471
18	2203/1	-.00038	-.00080	.20232	.21755	.21603	.00602

#	Element	AD849908	AD8'1:5)	AD8'8/PS	AD8'9/MS	AD8'0/SD	AD849911
19	2203/2	.00203	.00340	.20488	.22011	.21868	.00988
20	Sb2068	.00121	.00023	.20995	.19855	.20238	-.00042
21	1960/1	-.00040	-.00194	.21070	.20908	.21691	.00220
22	1960/2	-.00079	-.00023	.20937	.20243	.20213	.00138
23	Ti3372	.01290	.00285	.22154	.40383	.39864	.08764
24	Tl1908	-.00302	-.00675	.20926	.19659	.19219	-.00002
25	V_2924	.00164	.00032	.21534	.23972	.23883	.01627
26	Zn2062	.01110	.00234	.21474	.28558	.28431	.09887
27	Sn1899	.00128	.00084	.19507	.21416	.20757	-.00043
28	Ag3280	-.00039	-.00030	.05134	.05244	.05258	-.00004
29	*Y	3907.05	3960.11	3910.2	3906.49	3932.25	4002.34
30	PB2203	.00122	.00200	.20403	.21926	.21780	.00859
31	SE1960	-.00066	-.00080	.20981	.20464	.20705	.00165

#	Element	AD849912	CCV	CCB	AD849913	AD849914	CCV
1	Al3082	28.182	24.860	.01209	270.37	.20381	24.710
2	As1890	.01597	.50726	-.00120	2.4195	-.00276	.50002
3	B_2496	.09304	.49334	.00198	.19617	.06548	.49297
4	Ba4934	.38926	.49918	.00009	3.1911	.21426	.49640
5	Be3130	.00166	.49624	.00016	.01335	.00012	.49425
6	Ca3179	305.35	24.900	.00330	507.84	159.14	24.793
7	Cd2265	.00031	.49358	.00023	.00055	.00019	.49409
8	Co2286	.03266	.49724	.00084	.16294	.00142	.49642
9	Cr2677	1.3631	.49381	.00068	.34802	.00082	.49420
10	Cu3247	.08705	.49529	.00000	1.4052	.00915	.49288
11	Fe2714	55.619	24.637	.01273	H1126.3	2.3141	24.756
12	K_7664	11.253	25.188	.01163	35.640	.99835	25.142
13	Mg2790	100.60	24.758	.00499	177.72	50.730	24.771
14	Mn2576	1.6726	.49199	.00013	10.305	.27535	.49220
15	Mo2020	.02691	.49110	.00214	.17775	.00295	.49227
16	Na3302	54.448	24.565	.24357	35.838	47.670	24.642
17	Ni2316	.70191	.49522	.00052	.50302	.00201	.49414
18	2203/1	.03307	.48992	.00005	.24703	.00029	.49342
19	2203/2	.03925	.50483	.00172	.25432	.00415	.50474
20	Sb2068	.00108	.49823	.00326	.01602	-.00230	.50045
21	1960/1	.00431	.48881	.00496	.01469	.00921	.49335
22	1960/2	-.00304	.50429	-.00248	-.05434	.00045	.49719
23	Ti3372	.36747	.49920	.00079	1.2096	.00306	.49609
24	Tl1908	L-.01226	.49939	-.00102	L-.22945	-.00503	.50106
25	V_2924	.06743	.50363	.00045	.55717	.00050	.50279
26	Zn2062	.19772	.50003	.00021	2.4392	.03508	.49947
27	Sn1899	.00330	.50157	.00071	.02088	.00125	.50169
28	Ag3280	-.00049	.49614	.00082	-.00111	-.00014	.49698
29	*Y	4027.35	3964.28	3958.35	5028.3	3955.35	3977.14
30	PB2203	.03719	.49986	.00116	.25189	.00286	.50097
31	SE1960	-.00058	.49912	.00000	L-.03133	.00337	.49591

#	Element	CCB
1	Al3082	.00847
2	As1890	-.00182
3	B_2496	.00136
4	Ba4934	.00005
5	Be3130	.00013
6	Ca3179	.00476
7	Cd2265	.00011
8	Co2286	.00042
9	Cr2677	.00004
10	Cu3247	-.00049
11	Fe2714	.00314
12	K_7664	-.00009
13	Mg2790	.00119
14	Mn2576	.00004
15	Mo2020	.00067
16	Na3302	.07081
17	Ni2316	.00046
18	2203/1	-.00187
19	2203/2	.00218
20	Sb2068	.00130
21	1960/1	.00001
22	1960/2	-.00202
23	Ti3372	.00044
24	Tl1908	.00031
25	V_2924	-.00003
26	Zn2062	.00007
27	Sn1899	-.00109
28	Ag3280	-.00062
29	*Y	3974.74
30	PB2203	.00083
31	SE1960	-.00134

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:40:57 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 09/04/08 12:35:36

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.06211	.00442	.04668	.00182	.21818	.01313	-.01908
SDev	.00328	.00230	.00380	.00052	.00058	.00000	.01495
%RSD	5.2879	51.965	8.1318	28.313	.26602	.02965	78.347
#1	.06443	.00604	.04936	.00219	.21859	.01313	-.00851
#2	.05979	.00280	.04399	.00146	.21777	.01312	-.02965

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00328	.00365	.01690	-.00182	-.06795	.00632	.00194
SDev	.00292	.00034	.00155	.00120	.00187	.00241	.00069
%RSD	89.061	9.3986	9.1863	66.020	2.7532	38.047	35.328
#1	-.00535	.00340	.01799	-.00267	-.06662	.00462	.00146
#2	-.00122	.00389	.01580	-.00097	-.06927	.00802	.00243

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00328	.00571	-.07184	.02492	-.00170	-.00444	-.00474
SDev	.00327	.00808	.01807	.00498	.01444	.00026	.02699
%RSD	99.534	141.42	25.154	19.977	849.57	5.8414	569.76
#1	.00559	.01143	-.08462	.02140	.00851	-.00462	.01435
#2	.00097	.00000	-.05906	.02844	-.01191	-.00425	-.02382

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.01532	.08095	-.01130	.00036	.00182	.03075	.00134
SDev	.04229	.00381	.01181	.00086	.00017	.00154	.00258
%RSD	276.03	4.7012	104.53	235.76	9.3986	5.0012	192.82
#1	.04523	.08364	-.00295	-.00024	.00170	.02966	.00316
#2	-.01458	.07826	-.01966	.00097	.00194	.03184	-.00049

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4114	--	--	--	--	--	--
SDev	1.219828	--	--	--	--	--	--
%RSD	.0296538	--	--	--	--	--	--
#1	4113	--	--	--	--	--	--
#2	4114	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:45:53 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 09/04/08 12:41:00

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.1849	.44941	1.3685	4.4998	7.3441	10.634	.61827
SDev	.0439	.01482	.0234	.0206	.0294	.035	.00151
%RSD	.53642	3.2989	1.7064	.45813	.40027	.33280	.24338
#1	8.1539	.43893	1.3520	4.4853	7.3233	10.609	.61934
#2	8.2160	.45989	1.3850	4.5144	7.3649	10.659	.61721

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8678	.87463	1.7970	1.3241	.91023	4.6545	1.3506
SDev	.0258	.00647	.0026	.0020	.00338	.0249	.0040
%RSD	1.3788	.73946	.14282	.15027	.37174	.53476	.29884
#1	1.8496	.87006	1.7952	1.3227	.90783	4.6369	1.3534
#2	1.8860	.87920	1.7988	1.3255	.91262	4.6721	1.3477

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.3539	.31929	.34277	.57760	5.3727	.31008	.27891
SDev	.0279	.00646	.01006	.00152	.0214	.00102	.00039
%RSD	2.0603	2.0237	2.9364	.26243	.39910	.32729	.14078
#1	1.3342	.31472	.33566	.57867	5.3575	.31080	.27863
#2	1.3736	.32386	.34989	.57653	5.3878	.30936	.27919

Elem	Zn2062	Sn1899	Ag3280
Avge	.19081	1.3732	1.5315
SDev	.00034	.0020	.0010
%RSD	.17840	.14845	.06589
#1	.19057	1.3717	1.5322
#2	.19105	1.3746	1.5308

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4143	--	--	--	--	--	--
SDev	18.50873	--	--	--	--	--	--
%RSD	.4467510	--	--	--	--	--	--
#1	4156	--	--	--	--	--	--
#2	4130	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:50:50 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 09/04/08 12:45:57

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	40.682	2.2523	6.5299	22.587	35.792	52.062	3.0768
SDev	.252	.0140	.0258	.132	.206	.059	.0039
%RSD	.62035	.62262	.39533	.58544	.57660	.11253	.12590
#1	40.503	2.2424	6.5481	22.494	35.646	52.104	3.0796
#2	40.860	2.2622	6.5116	22.681	35.938	52.021	3.0741

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.2495	4.3365	8.9101	6.5533	4.5134	23.388	6.5848
SDev	.0078	.0261	.0012	.0011	.0179	.148	.0328
%RSD	.08405	.60265	.01374	.01615	.39560	.63110	.49802
#1	9.2550	4.3180	8.9110	6.5525	4.5008	23.284	6.6080
#2	9.2440	4.3550	8.9092	6.5540	4.5261	23.492	6.5616

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.7131	1.6003	1.6183	2.9203	26.539	1.5148	1.3806
SDev	.0149	.0041	.0116	.0047	.161	.0271	.0019
%RSD	.22187	.25343	.71415	.16177	.60671	1.7859	.13943
#1	6.7026	1.6032	1.6102	2.9236	26.425	1.4957	1.3819
#2	6.7237	1.5975	1.6265	2.9170	26.653	1.5340	1.3792

Elem	Zn2062	Sn1899	Ag3280
Avge	.93220	7.0076	7.6646
SDev	.00114	.0518	.0146
%RSD	.12260	.73921	.19033
#1	.93301	7.0442	7.6749
#2	.93139	6.9710	7.6543

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4086	--	--	--	--	--	--
SDev	8.644449	--	--	--	--	--	--
%RSD	.2115607	--	--	--	--	--	--
#1	4092	--	--	--	--	--	--
#2	4080	--	--	--	--	--	--

Standardization Rpt. 09/04/08 12:56:14 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 09/04/08 12:50:54

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	82.398	4.4759	13.174	45.520	71.047	60.685	103.65
SDev	.093	.0010	.011	.087	.107	.035	.06
%RSD	.11320	.02136	.08455	.19026	.15063	.05769	.06260
#1	82.464	4.4752	13.182	45.581	71.123	60.709	103.60
#2	82.332	4.4766	13.167	45.459	70.972	60.660	103.70

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.1615	18.542	8.7261	17.834	72.046	108.12	13.152
SDev	.0037	.004	.0228	.016	.122	.01	.007
%RSD	.06054	.01970	.26135	.09060	.16983	.00821	.05251
#1	6.1641	18.545	8.7422	17.845	72.132	108.12	13.157
#2	6.1589	18.540	8.7099	17.823	71.959	108.11	13.147

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.1248	3.0081	46.688	13.096	13.304	3.2173	3.2608
SDev	.0444	.0109	.065	.030	.089	.0017	.0367
%RSD	.48680	.36346	.13857	.22631	.66877	.05408	1.1246
#1	9.0934	3.0004	46.734	13.075	13.367	3.2186	3.2349
#2	9.1562	3.0158	46.643	13.117	13.241	3.2161	3.2867

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.7960	53.230	3.0504	2.7701	1.8449	14.027	15.553
SDev	.0498	.055	.0156	.0031	.0005	.022	.021
%RSD	.85873	.10365	.51094	.11229	.02762	.15783	.13665
#1	5.8312	53.269	3.0393	2.7679	1.8445	14.043	15.568
#2	5.7608	53.191	3.0614	2.7723	1.8452	14.012	15.538

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4058	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.2273915	--	--	--	--	--	--
#1	4052	--	--	--	--	--	--
#2	4065	--	--	--	--	--	--

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Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.612960	-.037845	09/04/08 12:50:54
As1890	189.042	Multiple	Standards	.222682	-.000980	09/04/08 12:50:54
B_2496	249.678	Multiple	Standards	.076373	-.003572	09/04/08 12:50:54
Ba4934	493.409	Multiple	Standards	.022112	-.000035	09/04/08 12:50:54
Be3130	313.042	Multiple	Standards	.014072	-.003073	09/04/08 12:50:54
Ca3179	317.933	STD 3	STD BLK	1.01249	-.002766	09/04/08 12:50:54
Cd2265	226.502	Multiple	Standards	.009547	.000168	09/04/08 12:50:54
Co2286	228.616	Multiple	Standards	.161977	.000527	09/04/08 12:50:54
Cr2677	267.716	Multiple	Standards	.053927	-.000200	09/04/08 12:50:54
Cu3247	324.753	Multiple	Standards	.115775	-.001949	09/04/08 12:50:54
Fe2714	271.441	Multiple	Standards	2.79660	.004851	09/04/08 12:50:54
K_7664	766.491	STD 3	STD BLK	1.01006	.012544	09/04/08 12:50:54
Mg2790	279.078	STD 3	STD BLK	1.00825	-.004052	09/04/08 12:50:54
Mn2576	257.610	Multiple	Standards	.076012	-.000152	09/04/08 12:50:54
Mo2020	202.030	Multiple	Standards	.110218	-.000361	09/04/08 12:50:54
Na3302	330.232	STD 3	STD BLK	1.03041	-.006938	09/04/08 12:50:54
Ni2316	231.604	Multiple	Standards	.021269	.001523	09/04/08 12:50:54
2203/1	220.351	Multiple	Standards	.078167	-.001955	09/04/08 12:50:54
2203/2	220.352	Multiple	Standards	.073379	.000116	09/04/08 12:50:54
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.310376	.001373	09/04/08 12:50:54
1960/1	196.021	Multiple	Standards	.300449	.001386	09/04/08 12:50:54
1960/2	196.022	Multiple	Standards	.171588	-.002613	09/04/08 12:50:54
Ti3372	337.280	Multiple	Standards	.018869	-.001526	09/04/08 12:50:54
Tl1908	190.864	Multiple	Standards	.316511	.003549	09/04/08 12:50:54
V_2924	292.402	Multiple	Standards	.360872	-.000136	09/04/08 12:50:54
Zn2062	206.200	Multiple	Standards	.536687	-.000990	09/04/08 12:50:54
Sn1899	189.989	Multiple	Standards	.072518	-.002207	09/04/08 12:50:54
Ag3280	328.068	Multiple	Standards	.064967	-.000081	09/04/08 12:50:54

Standardization Readback Report 09/04/08 12:56:15 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000227	-.000227
		STD 1	5.00000	4.97920	.020804
		STD 2	25.0000	24.8985	.101500
		STD 3	50.0000	50.4687	-.468719

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099095	.000905
		STD 2	.500000	.500574	-.000574
		STD 3	1.00000	.995719	.004281

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100946	-.000946
		STD 2	.500000	.495135	.004865
		STD 3	1.00000	1.00260	-.002596

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099466	.000534
		STD 2	.500000	.499417	.000583
		STD 3	1.00000	1.00651	-.006510

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100271	-.000271
		STD 2	.500000	.500581	-.000581
		STD 3	1.00000	.996684	.003316

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.013127	-.002602
		STD 3	61.4397	60.6846	.755085

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101695	-.001695
		STD 2	.500000	.497210	.002790
		STD 3	1.00000	.989716	.010284

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100673	-.000673
		STD 2	.500000	.498902	.001098
		STD 3	1.00000	.998551	.001449

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100525	-.000525
		STD 2	.500000	.498599	.001401
		STD 3	1.00000	.999722	.000278

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099311	.000689
		STD 2	.500000	.500111	-.000111
		STD 3	1.00000	1.00831	-.008314

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000249	.000249
		STD 1	5.00000	5.03042	-.030416
		STD 2	25.0000	24.9228	.077202
		STD 3	50.0000	49.8795	.120472

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.067946	.011860
		STD 3	72.7834	72.0458	.737640

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.006320	-.004000
		STD 3	109.006	108.119	.887634

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100492	-.000492
		STD 2	.500000	.497977	.002023
		STD 3	1.00000	.999573	.000427

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099962	.000038
		STD 2	.500000	.497100	.002900
		STD 3	1.00000	1.00536	-.005358

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	.005714	-.006764
		STD 3	3.09264	3.00810	.084544

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100518	-.000518
		STD 2	.500000	.498961	.001039
		STD 3	1.00000	.994536	.005464

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.103617	-.003617
		STD 2	.500000	.512763	-.012763
		STD 3	1.00000	1.02175	-.021751

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.099466	.000534
		STD 2	.500000	.492718	.007282
		STD 3	1.00000	.976367	.023633

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100474	-.000474
		STD 2	.500000	.498075	.001925
		STD 3	1.00000	.999955	.000045

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000037	.000037
		STD 1	.100000	.104372	-.004372
		STD 2	.500000	.487612	.012388
		STD 3	1.00000	.981086	.018914

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000016	-.000016
		STD 1	.100000	.096497	.003503
		STD 2	.500000	.498476	.001524
		STD 3	1.00000	.991907	.008093

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099849	.000151
		STD 2	.500000	.499239	.000761
		STD 3	1.00000	1.00286	-.002862

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000028	.000028
		STD 1	.100000	.101693	-.001693
		STD 2	.500000	.483010	.016990
		STD 3	1.00000	.969021	.030979

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100514	-.000514
		STD 2	.500000	.498067	.001933
		STD 3	1.00000	.999502	.000498

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101413	-.001413
		STD 2	.500000	.499308	.000692
		STD 3	1.00000	.989123	.010877

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000023	-.000023
		STD 1	.100000	.097373	.002627
		STD 2	.500000	.505972	-.005972
		STD 3	1.00000	1.01503	-.015029

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099417	.000583
		STD 2	.500000	.497869	.002131
		STD 3	1.00000	1.01037	-.010375

CorCoef: 0.99997

Analysis Report Blank Sample 09/04/08 01:01:39 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 09/04/08 12:56:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.446	.99987	1.0019	1.0029	.99677	50.329	.99125
SDev	.126	.00248	.0014	.0029	.00182	.101	.00070
%RSD	.24899	.24808	.13940	.28863	.18283	.20129	.07073
#1	50.535	1.0016	1.0029	1.0050	.99806	50.401	.99174
#2	50.358	.99812	1.0009	1.0009	.99548	50.258	.99075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99880	1.0002	1.0051	49.866	50.165	50.288	1.0002
SDev	.00049	.0007	.0028	.043	.057	.016	.0011
%RSD	.04913	.07352	.27824	.08532	.11317	.03137	.10854
#1	.99914	1.0007	1.0071	49.896	50.125	50.300	1.0009
#2	.99845	.99965	1.0031	49.836	50.205	50.277	.99941
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0064	49.729	.99748	1.0019	.99854	.99965	1.0042
SDev	.0017	.173	.00213	.0001	.00039	.00030	.0044
%RSD	.17230	.34689	.21316	.01068	.03910	.02961	.43850
#1	1.0052	49.850	.99899	1.0019	.99882	.99985	1.0073
#2	1.0077	49.607	.99598	1.0018	.99826	.99944	1.0011
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0021	.98970	1.0114	1.0012	.98765	1.0015	.99116
SDev	.0078	.00370	.0085	.0014	.00536	.0007	.00085
%RSD	.77871	.37433	.83618	.14382	.54321	.07015	.08622
#1	.99663	.98708	1.0174	1.0022	.98385	1.0020	.99176
#2	1.0077	.99231	1.0055	1.0001	.99144	1.0010	.99055
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0158	1.0087
SDev	.0005	.0012
%RSD	.05105	.12361
#1	1.0162	1.0096
#2	1.0155	1.0079
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4059	--	--	--	--	--	--
SDev	.0529985	--	--	--	--	--	--
%RSD	.0013059	--	--	--	--	--	--
#1	4058	--	--	--	--	--	--
#2	4059	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:07:02 PM page 1

Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 09/04/08 13:01:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.577	.37300	.37162	.37382	.37292	18.717	.37242
SDev	.081	.00030	.00037	.00179	.00162	.076	.00012
%RSD	.43359	.07986	.10008	.47945	.43571	.40803	.03111
#1	18.521	.37279	.37136	.37255	.37177	18.663	.37233
#2	18.634	.37321	.37188	.37509	.37407	18.771	.37250
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37283	.37166	.37226	18.604	18.883	18.602	.37210
SDev	.00142	.00099	.00256	.004	.009	.019	.00022
%RSD	.38131	.26717	.68790	.02299	.04685	.10421	.05919
#1	.37182	.37096	.37045	18.601	18.889	18.588	.37225
#2	.37383	.37236	.37407	18.607	18.877	18.615	.37194
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37900	18.470	.37384	.37582	.37146	.37291	.37606
SDev	.00108	.015	.00143	.00069	.00421	.00258	.00869
%RSD	.28514	.08329	.38312	.18451	1.1343	.69171	2.3120
#1	.37823	18.459	.37283	.37631	.36848	.37109	.36991
#2	.37976	18.481	.37486	.37533	.37444	.37473	.38220
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37857	.37307	.37755	.37583	.37272	.37261	.37506
SDev	.00337	.00920	.00844	.00166	.01227	.00112	.00051
%RSD	.89120	2.4674	2.2353	.44169	3.2925	.30179	.13483
#1	.37618	.36656	.37159	.37466	.36404	.37181	.37470
#2	.38095	.37958	.38352	.37701	.38139	.37340	.37542
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37919	.37406
SDev	.00370	.00028
%RSD	.97643	.07465
#1	.37657	.37387
#2	.38181	.37426
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4099	--	--	--	--	--	--
SDev	5.515640	--	--	--	--	--	--
%RSD	.1345565	--	--	--	--	--	--
#1	4103	--	--	--	--	--	--
#2	4095	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 01:12:25 PM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 09/04/08 13:07:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00499	-.00156	.00060	.00001	.00010	.00423	.00022
SDev	.00296	.00101	.00005	.00007	.00008	.00435	.00011
%RSD	59.298	64.662	8.9352	904.34	78.527	102.86	50.994
#1	.00290	-.00085	.00056	-.00004	.00004	.00115	.00014
#2	.00709	-.00227	.00064	.00006	.00016	.00730	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00017	-.00018	.01096	-.00413	-.00132	.00005
SDev	.00014	.00012	.00056	.00192	.00047	.00693	.00008
%RSD	391.48	71.668	309.49	17.526	11.458	524.28	152.99
#1	-.00006	-.00008	.00021	.00960	-.00446	-.00623	-.00000
#2	.00013	-.00025	-.00057	.01232	-.00379	.00358	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.17332	.00002	-.00182	.00064	-.00018	.00216
SDev	.00007	.10715	.00045	.00169	.00030	.00076	.00125
%RSD	7.9070	61.823	2488.7	92.715	47.442	415.48	58.046
#1	.00100	-.24909	-.00030	-.00063	.00085	.00036	.00127
#2	.00090	-.09755	.00033	-.00302	.00042	-.00072	.00304
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	.00124	.00262	.00004	.00185	-.00000	-.00014
SDev	.00080	.00196	.00286	.00002	.00497	.00019	.00046
%RSD	34.463	158.02	109.23	52.810	268.70	5164.1	320.41
#1	.00288	.00263	.00060	.00005	-.00166	-.00013	-.00047
#2	.00175	-.00015	.00464	.00002	.00536	.00013	.00018
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00237	-.00018
SDev	.00322	.00013
%RSD	135.76	76.113
#1	-.00465	-.00027
#2	-.00009	-.00008
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4120	--	--	--	--	--	--
SDev	1.750158	--	--	--	--	--	--
%RSD	.0424748	--	--	--	--	--	--
#1	4122	--	--	--	--	--	--
#2	4119	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 01:17:48 PM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 09/04/08 13:12:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20824	.01069	.02221	.00211	.00204	.50420	.00140
SDev	.00189	.00196	.00011	.00007	.00004	.00304	.00012
%RSD	.90968	18.314	.47644	3.5046	1.8488	.60317	8.7565
#1	.20690	.01207	.02214	.00206	.00201	.50205	.00131
#2	.20958	.00930	.02229	.00217	.00207	.50635	.00149
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	.00478	.00998	.06640	.46772	.20485	.00304
SDev	.00007	.00018	.00047	.01038	.00532	.00229	.00006
%RSD	1.6875	3.7917	4.6648	15.629	1.1365	1.1191	1.8743
#1	.00429	.00465	.00965	.05906	.46396	.20323	.00300
#2	.00440	.00491	.01031	.07374	.47148	.20647	.00308
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01043	.99880	.01041	.00114	.00666	.00482	.01614
SDev	.00048	.01659	.00038	.00005	.00236	.00156	.00219
%RSD	4.6233	1.6612	3.5987	4.3157	35.412	32.275	13.554
#1	.01009	.98707	.01015	.00118	.00499	.00372	.01769
#2	.01078	1.0105	.01068	.00111	.00833	.00593	.01459
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02513	.01317	.01762	.00490	.02137	.00620	.01142
SDev	.00265	.00641	.00008	.00025	.00015	.00017	.00031
%RSD	10.547	48.645	.43789	5.0789	.70950	2.7326	2.6898
#1	.02325	.01770	.01768	.00472	.02126	.00608	.01163
#2	.02700	.00864	.01757	.00507	.02147	.00632	.01120
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00668	.00339
SDev	.00409	.00005
%RSD	61.291	1.5689
#1	.00958	.00343
#2	L.00379	.00336
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4130	--	--	--	--	--	--
SDev	10.39426	--	--	--	--	--	--
%RSD	.2516847	--	--	--	--	--	--
#1	4123	--	--	--	--	--	--
#2	4137	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:23:11 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 09/04/08 13:17:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	512.03	.00058	.00303	.00103	.00100	518.92	.00080
SDev	1.10	.00509	.00115	.00010	.00007	.42	.00004
%RSD	.21569	883.28	37.880	9.2303	7.0853	.08072	4.8541
#1	512.81	.00418	.00222	.00096	.00095	519.21	.00077
#2	511.25	-.00302	.00384	.00110	.00105	518.62	.00082
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	-.00274	.00057	194.87	-.00285	508.12	.00137
SDev	.00012	.00018	.00016	.61	.00607	2.55	.00013
%RSD	16.181	6.7290	28.453	.31125	212.75	.50194	9.5672
#1	.00082	-.00287	.00046	195.30	.00144	509.92	.00127
#2	.00065	-.00261	.00068	194.44	-.00715	506.31	.00146
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	.11521	.00111	-.00850	.00915	.00327	-.00454
SDev	.00166	.08250	.00019	.00361	.00111	.00047	.00257
%RSD	136.32	71.606	17.598	42.507	12.077	14.233	56.604
#1	.00239	.17355	.00097	-.00594	.00837	.00360	-.00635
#2	.00004	.05688	.00124	-.01105	.00993	.00294	-.00272
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00446	-.00593	-.00384	.00143	-.01470	-.00015	-.00551
SDev	.00295	.00570	.00670	.00011	.00091	.00012	.00019
%RSD	66.115	96.252	174.55	7.6015	6.2121	79.643	3.4731
#1	.00654	-.00189	-.00858	.00135	-.01534	-.00007	-.00564
#2	.00237	-.00996	.00090	.00151	-.01405	-.00024	-.00537
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00132	.00053
SDev	.00314	.00003
%RSD	237.43	4.7162
#1	.00090	.00051
#2	-.00355	.00054
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3848	--	--	--	--	--	--
SDev	6.045797	--	--	--	--	--	--
%RSD	.1571112	--	--	--	--	--	--
#1	3852	--	--	--	--	--	--
#2	3844	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:28:34 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 09/04/08 13:23:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	457.41	.09827	.00408	.46336	.44211	459.69	.87303
SDev	1.06	.00154	.00198	.00175	.00107	1.15	.00093
%RSD	.23081	1.5671	48.669	.37749	.24209	.24956	.10699
#1	458.16	.09718	.00548	.46460	.44287	460.50	.87369
#2	456.66	.09936	.00267	.46212	.44136	458.87	.87237
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43926	.43283	.46608	86.736	.01428	448.33	.43264
SDev	.00023	.00044	.00095	.069	.01830	1.26	.00056
%RSD	.05289	.10157	.20351	.07940	128.20	.28040	.12914
#1	.43942	.43314	.46676	86.785	.02722	449.22	.43304
#2	.43909	.43252	.46541	86.688	.00133	447.44	.43225
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	-.11724	.85048	.04009	.05115	.04747	.04541
SDev	.00026	.09675	.00221	.00022	.00096	.00072	.00723
%RSD	30.175	82.524	.25975	.55668	1.8847	1.5113	15.921
#1	.00068	-.18565	.85205	.04025	.05184	.04798	.05053
#2	.00105	-.04883	.84892	.03993	.05047	.04696	.04030
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55852	.03701	.04962	.00217	.08666	.45738	.85319
SDev	.00434	.01585	.00292	.00020	.00802	.00109	.00119
%RSD	.77693	42.833	5.8824	9.4242	9.2512	.23851	.13993
#1	.56159	.04822	.05168	.00202	.08099	.45815	.85404
#2	.55545	.02580	.04755	.00231	.09233	.45661	.85235
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00181	.19157
SDev	.00296	.00013
%RSD	163.00	.06872
#1	.00028	.19166
#2	-.00390	.19148
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3852	--	--	--	--	--	--
SDev	3.606141	--	--	--	--	--	--
%RSD	.0936265	--	--	--	--	--	--
#1	3849	--	--	--	--	--	--
#2	3854	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 01:35:26 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 13:30:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.578	.49809	.49148	.49510	.49402	24.857	.49322
SDev	.026	.00421	.00214	.00056	.00030	.003	.00091
%RSD	.10430	.84492	.43460	.11370	.06038	.01235	.18465
#1	24.560	.50106	.48997	.49549	.49423	24.855	.49257
#2	24.596	.49511	.49299	.49470	.49381	24.859	.49386
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49558	.49288	.49475	24.647	25.072	24.612	.49345
SDev	.00098	.00035	.00083	.025	.042	.089	.00082
%RSD	.19875	.07098	.16866	.10157	.16642	.36109	.16595
#1	.49489	.49264	.49534	24.629	25.042	24.549	.49287
#2	.49628	.49313	.49416	24.664	25.101	24.675	.49403
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49204	24.579	.49373	.49763	.49585	.49645	.49863
SDev	.00151	.069	.00107	.00038	.00142	.00107	.00453
%RSD	.30642	.28128	.21645	.07630	.28664	.21643	.90767
#1	.49097	24.530	.49449	.49736	.49485	.49569	.49543
#2	.49310	24.628	.49297	.49790	.49686	.49721	.50184
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49236	.49043	.50275	.49305	.48344	.49767	.49598
SDev	.00254	.00114	.00736	.00043	.00477	.00136	.00114
%RSD	.51600	.23266	1.4639	.08797	.98571	.27421	.23011
#1	.49056	.49123	.49754	.49335	.48007	.49670	.49517
#2	.49415	.48962	.50795	.49274	.48681	.49863	.49678
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50803	.49885
SDev	.00260	.00036
%RSD	.51092	.07180
#1	.50986	.49860
#2	.50619	.49910
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4110	--	--	--	--	--	--
SDev	5.621292	--	--	--	--	--	--
%RSD	.1367586	--	--	--	--	--	--
#1	4114	--	--	--	--	--	--
#2	4106	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 13:35:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01045	-.00149	.00001	.00005	.00003	.00834	.00007
SDev	.00316	.00215	.00066	.00008	.00000	.00570	.00003
%RSD	30.244	144.83	11233.	166.64	10.736	68.299	44.317
#1	.00822	-.00301	-.00046	-.00001	.00003	.00431	.00005
#2	.01269	.00004	.00047	.00010	.00004	.01237	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00004	-.00029	.00654	-.00754	.01970	.00002
SDev	.00030	.00007	.00001	.00336	.01642	.00023	.00001
%RSD	187.30	174.09	2.5083	51.346	217.84	1.1507	51.522
#1	-.00038	-.00010	-.00029	.00892	-.01915	.01986	.00003
#2	.00005	.00001	-.00028	.00417	.00407	.01954	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.12578	.00041	-.00004	-.00033	-.00024	.00167
SDev	.00024	.20879	.00026	.00263	.00042	.00060	.00121
%RSD	15.877	165.99	63.567	6025.1	124.77	250.85	72.075
#1	.00167	-.02185	.00059	-.00190	-.00004	-.00066	.00253
#2	.00133	.27342	.00023	.00181	-.00063	.00018	.00082
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00536	.00008	.00247	.00008	.00248	.00013	-.00014
SDev	.00004	.00247	.00305	.00010	.00192	.00000	.00010
%RSD	.81472	3247.6	123.19	121.15	77.608	.76997	67.545
#1	.00533	-.00167	.00463	.00001	.00384	.00013	-.00021
#2	.00539	.00183	.00032	.00014	.00112	.00013	-.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00155	.00035
SDev	.00030	.00094
%RSD	19.441	270.60
#1	-.00177	-.00032
#2	-.00134	.00101
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4112	--	--	--	--	--	--
SDev	17.76606	--	--	--	--	--	--
%RSD	.4320789	--	--	--	--	--	--
#1	4124	--	--	--	--	--	--
#2	4099	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850109/PB Operator: AH
Run Time: 09/04/08 13:43:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03466	.00239	.00344	.00007	-.00001	.06434	.00015
SDev	.01608	.00003	.00011	.00005	.00002	.01588	.00002
%RSD	46.405	1.4175	3.0944	79.694	196.40	24.678	15.262
#1	.02329	.00241	.00351	.00003	-.00003	.05312	.00017
#2	.04604	.00236	.00336	.00010	.00000	.07557	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.00010	-.00020	.00924	.00055	.01331	.00006
SDev	.00008	.00031	.00029	.00047	.01810	.01362	.00004
%RSD	35.557	326.44	146.01	5.1217	3290.4	102.33	64.658
#1	.00029	.00013	-.00041	.00891	.01335	.00368	.00003
#2	.00017	-.00032	.00001	.00958	-.01225	.02293	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.10231	.00056	-.00318	.00164	.00004	-.00271
SDev	.00038	.14703	.00029	.00009	.00026	.00020	.00114
%RSD	165.80	143.71	52.087	2.7140	15.990	574.56	42.117
#1	.00004	-.20628	.00035	-.00312	.00183	.00018	-.00352
#2	-.00049	.00166	.00077	-.00324	.00146	-.00011	-.00190
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	-.00287	-.00263	-.00014	-.00194	.00034	.00063
SDev	.00048	.00571	.00114	.00043	.00530	.00056	.00027
%RSD	39.112	199.00	43.501	309.43	273.64	161.52	43.062
#1	.00088	-.00691	-.00182	-.00044	-.00568	.00074	.00044
#2	.00156	.00117	-.00344	.00016	.00181	-.00005	.00082
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00490	-.00027
SDev	.00381	.00015
%RSD	77.754	57.526
#1	-.00221	-.00016
#2	-.00760	-.00038
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4137	--	--	--	--	--	--
SDev	9.386773	--	--	--	--	--	--
%RSD	.2269083	--	--	--	--	--	--
#1	4130	--	--	--	--	--	--
#2	4143	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850108/LCS Operator: AH
Run Time: 09/04/08 13:49:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03916	1.0161	.10074	.99872	.96738	.76410	.99685
SDev	.00326	.0031	.00006	.00359	.00216	.00821	.00062
%RSD	8.3327	.30027	.06274	.35956	.22355	1.0740	.06185
#1	.03685	1.0139	.10078	.99618	.96585	.75830	.99728
#2	.04147	1.0182	.10070	1.0013	.96890	.76991	.99641
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95341	.95255	1.0042	.06686	.07972	.16514	.97583
SDev	.00025	.00090	.0014	.00319	.00021	.00514	.00074
%RSD	.02610	.09420	.13640	4.7737	.26823	3.1104	.07606
#1	.95323	.95318	1.0032	.06460	.07957	.16150	.97636
#2	.95359	.95192	1.0051	.06912	.07987	.16877	.97531
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98533	10.746	.99283	.96807	.96406	.96539	1.0046
SDev	.00282	.121	.00299	.00041	.00135	.00104	.0001
%RSD	.28601	1.1276	.30123	.04230	.14011	.10745	.01034
#1	.98333	10.661	.99071	.96836	.96501	.96613	1.0047
#2	.98732	10.832	.99494	.96778	.96310	.96466	1.0046
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94518	.99951	1.0072	.00011	.98050	.99903	.99553
SDev	.00047	.00059	.0005	.00023	.00509	.00079	.00014
%RSD	.04919	.05936	.04492	217.38	.51923	.07907	.01368
#1	.94485	.99909	1.0076	.00027	.97690	.99959	.99563
#2	.94551	.99993	1.0069	-.00006	.98410	.99847	.99544
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00041	.97602
SDev	.00237	.00092
%RSD	572.46	.09382
#1	.00209	.97667
#2	-.00126	.97537
Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4230	--	--	--	--	--	--
SDev	5.144133	--	--	--	--	--	--
%RSD	.1216204	--	--	--	--	--	--
#1	4226	--	--	--	--	--	--
#2	4233	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850107/EBLK Operator: AH
Run Time: 09/04/08 13:54:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04660	.00164	H.10487	H.00475	-.00010	H.78663	.00021
SDev	.00408	.00269	.00044	.00004	.00001	.00483	.00001
%RSD	8.7452	163.95	.42010	.91555	10.662	.61463	5.3352
#1	.04372	-.00026	H.10456	H.00478	-.00010	H.79004	.00022
#2	.04948	.00355	H.10518	H.00472	-.00009	H.78321	.00020
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00095	.00363	.02079	.08752	.16596	.00083
SDev	.00044	.00010	.00015	.00847	.00533	.00149	.00004
%RSD	82.785	10.477	4.2000	40.709	6.0927	.89509	4.6643
#1	.00022	.00088	.00353	.02678	.08375	.16491	.00086
#2	.00083	.00102	.00374	.01481	.09129	.16702	.00081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	H10.988	.00054	-.00162	.00237	.00104	.00036
SDev	.00052	.146	.00017	.00167	.00137	.00147	.00254
%RSD	26.389	1.3288	31.265	102.95	57.678	140.63	709.24
#1	.00234	H11.091	.00042	-.00280	.00140	.00001	-.00144
#2	.00160	H10.884	.00066	-.00044	.00334	.00208	.00216
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00663	-.00358	.00233	.00012	.00091	.00051	.00844
SDev	.00154	.00349	.00207	.00001	.00124	.00006	.00001
%RSD	23.264	97.442	89.022	8.5816	135.91	12.039	.06115
#1	.00772	-.00604	.00086	.00013	.00178	.00055	.00845
#2	.00554	-.00111	.00379	.00011	.00004	.00047	.00844
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00233	.00037
SDev	.00265	.00022
%RSD	113.41	59.511
#1	.00420	.00021
#2	.00046	.00052
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4209	--	--	--	--	--	--
SDev	2.333660	--	--	--	--	--	--
%RSD	.0554445	--	--	--	--	--	--
#1	4207	--	--	--	--	--	--
#2	4211	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850102 Operator: AH
Run Time: 09/04/08 13:59:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34996	-.00243	.12110	.67729	.00113	C.00000	.00244
SDev	.00847	.00049	.00037	.00403	.00005	.00000	.00029
%RSD	2.4213	20.096	.30679	.59528	3.9643	.00000	11.993
#1	.35595	-.00277	.12136	.68015	.00116	C.00000	.00265
#2	.34397	-.00208	.12084	.67444	.00110	C.00000	.00224
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04421	.00079	.00232	.14746	1.0867	35.474	6.8245
SDev	.00083	.00055	.00074	.01056	.0376	.189	.0265
%RSD	1.8727	69.575	31.800	7.1620	3.4590	.53296	.38796
#1	.04479	.00118	.00284	.15493	1.1132	35.608	6.8433
#2	.04362	.00040	.00180	.13999	1.0601	35.341	6.8058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00081	14.072	.04623	.00098	-.00185	-.00090	-.00074
SDev	.00016	.314	.00069	.00154	.00201	.00083	.00105
%RSD	20.162	2.2345	1.4921	156.94	109.00	91.690	140.96
#1	-.00093	14.294	.04672	-.00011	-.00042	-.00032	-.00000
#2	-.00070	13.850	.04574	.00207	-.00327	-.00149	-.00149
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	-.00073	-.00075	.00826	-.00429	.00018	.01873
SDev	.00230	.00043	.00179	.00526	.00146	.00019	.00024
%RSD	113.92	58.695	238.65	63.731	34.063	107.63	1.2595
#1	.00364	-.00104	.00052	.01198	-.00532	.00032	.01890
#2	.00039	-.00043	-.00201	.00454	-.00325	.00004	.01856
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00126	-.00033
SDev	.00023	.00058
%RSD	18.065	177.89
#1	-.00110	.00008
#2	-.00142	-.00074
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3933	--	--	--	--	--	--
SDev	27.84233	--	--	--	--	--	--
%RSD	.7079495	--	--	--	--	--	--
#1	3913	--	--	--	--	--	--
#2	3953	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850103 Operator: AH
Run Time: 09/04/08 14:05:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0808	.00114	.13822	.53167	.00133	C.00000	.00283
SDev	.0052	.00066	.00044	.00171	.00001	.00000	.00005
%RSD	.48094	57.902	.32012	.32084	.43748	.00000	1.5874
#1	1.0771	.00067	.13853	.53047	.00133	C.00000	.00280
#2	1.0845	.00160	.13791	.53288	.00132	C.00000	.00286
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08574	.00937	.00662	.44530	2.3492	63.320	9.7824
SDev	.00006	.00033	.00009	.01287	.0119	.090	.0068
%RSD	.06422	3.5509	1.3986	2.8913	.50749	.14160	.06978
#1	.08578	.00961	.00669	.45440	2.3577	63.383	9.7872
#2	.08570	.00913	.00656	.43619	2.3408	63.256	9.7775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	13.565	.05703	-.00050	.00184	.00106	-.00194
SDev	.00085	.151	.00053	.00127	.00052	.00077	.00225
%RSD	520.48	1.1127	.92981	253.07	28.532	72.945	115.53
#1	.00044	13.671	.05740	-.00140	.00147	.00051	-.00353
#2	-.00077	13.458	.05665	.00040	.00221	.00161	-.00036
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.00139	-.00361	.01490	-.00149	.00116	.02956
SDev	.00017	.00084	.00295	.00184	.00660	.00019	.00004
%RSD	6.6562	60.206	81.628	12.344	444.26	16.625	.13663
#1	.00264	.00080	-.00570	.01620	-.00615	.00129	.02959
#2	.00240	.00199	-.00153	.01360	.00318	.00102	.02953
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00080	.00012
SDev	.00327	.00013
%RSD	407.15	104.73
#1	.00151	.00021
#2	-.00311	.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4022	--	--	--	--	--	--
SDev	5.356299	--	--	--	--	--	--
%RSD	.1331630	--	--	--	--	--	--
#1	4019	--	--	--	--	--	--
#2	4026	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850103/L (1:5) Operator: AH
Run Time: 09/04/08 14:10:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35479	-.00031	.03450	.10969	.00025	389.84	.00066
SDev	.00059	.00101	.00207	.00010	.00001	.76	.00005
%RSD	.16641	328.16	5.9910	.08775	2.0001	.19601	7.4232
#1	.35521	.00040	.03596	.10976	.00025	390.38	.00069
#2	.35437	-.00102	.03303	.10962	.00026	389.30	.00062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01816	.00207	.00123	.09677	.40713	13.279	2.0664
SDev	.00043	.00029	.00020	.00782	.01435	.031	.0035
%RSD	2.3690	14.092	16.496	8.0843	3.5245	.23231	.17105
#1	.01846	.00228	.00137	.10230	.41727	13.301	2.0689
#2	.01786	.00187	.00109	.09124	.39698	13.257	2.0639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	2.8885	.01264	-.00131	.00162	.00064	.00180
SDev	.00006	.0332	.00041	.00385	.00103	.00060	.00164
%RSD	30.458	1.1506	3.2443	294.51	63.498	92.476	91.290
#1	.00023	2.9120	.01293	.00142	.00089	.00107	.00296
#2	.00015	2.8650	.01235	-.00403	.00235	.00022	.00064
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00320	.00102	.00219	.00517	.00148	.00048	.00645
SDev	.00135	.00115	.00304	.00324	.00329	.00025	.00028
%RSD	42.177	112.75	138.69	62.697	222.63	51.896	4.4072
#1	.00416	.00021	.00434	.00746	.00381	.00066	.00665
#2	.00225	.00183	.00004	.00288	-.00085	.00030	.00625
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00194	.00018
SDev	.00168	.00046
%RSD	86.800	254.19
#1	-.00075	.00051
#2	-.00313	-.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4077	--	--	--	--	--	--
SDev	2.863817	--	--	--	--	--	--
%RSD	.0702458	--	--	--	--	--	--
#1	4075	--	--	--	--	--	--
#2	4079	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850103/PS Operator: AH
Run Time: 09/04/08 14:15:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0751	1.0546	.13637	1.5470	.94246	C.00000	.95333
SDev	.0048	.0040	.00073	.0014	.00269	.00000	.00093
%RSD	.44816	.38324	.53221	.08858	.28520	.00000	.09754
#1	1.0717	1.0575	.13585	1.5480	.94436	C.00000	.95399
#2	1.0785	1.0517	.13688	1.5461	.94056	C.00000	.95267
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0097	.93858	.98753	.49286	2.3312	63.242	10.652
SDev	.0019	.00159	.00174	.00668	.0200	.226	.020
%RSD	.18852	.16884	.17628	1.3561	.85769	.35724	.18351
#1	1.0111	.93970	.98876	.49759	2.3453	63.402	10.666
#2	1.0084	.93746	.98630	.48814	2.3171	63.082	10.638
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0029	13.554	.99969	.94463	.94507	.94492	1.0187
SDev	.0022	.064	.00444	.00501	.00220	.00020	.0004
%RSD	.22342	.47262	.44379	.53019	.23336	.02082	.04235
#1	1.0013	13.508	1.0028	.94817	.94351	.94506	1.0191
#2	1.0044	13.599	.99656	.94108	.94663	.94479	1.0184
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0216	1.0008	1.0277	.01905	.96363	1.0001	.95785
SDev	.0027	.0105	.0046	.00241	.00092	.0019	.00262
%RSD	.26647	1.0506	.44859	12.676	.09516	.18646	.27310
#1	1.0235	1.0083	1.0245	.02075	.96298	1.0014	.95970
#2	1.0197	.99341	1.0310	.01734	.96428	.99876	.95600
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00119	1.0510
SDev	.00106	.0001
%RSD	89.429	.00597
#1	-.00044	1.0510
#2	-.00194	1.0510
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4031	--	--	--	--	--	--
SDev	18.50855	--	--	--	--	--	--
%RSD	.4591141	--	--	--	--	--	--
#1	4018	--	--	--	--	--	--
#2	4044	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850104/MS Operator: AH
Run Time: 09/04/08 14:21:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0232	1.0158	.13873	1.5229	.90130	C.00000	.91714
SDev	.0037	.0036	.00126	.0056	.00215	.00000	.00122
%RSD	.36622	.35036	.90507	.36626	.23825	.00000	.13273
#1	1.0206	1.0183	.13962	1.5189	.89978	C.00000	.91800
#2	1.0259	1.0133	.13785	1.5268	.90281	C.00000	.91628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97307	.90264	1.0053	.48987	2.3079	63.423	10.664
SDev	.00005	.00002	.0039	.00353	.0090	.097	.002
%RSD	.00525	.00226	.38835	.72158	.38844	.15300	.01496
#1	.97311	.90262	1.0026	.48737	2.3142	63.492	10.665
#2	.97303	.90265	1.0081	.49237	2.3015	63.354	10.663
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95677	13.476	.96305	.90183	.90219	.90207	.98627
SDev	.00215	.165	.00057	.00059	.00430	.00268	.00422
%RSD	.22430	1.2278	.05937	.06501	.47722	.29671	.42785
#1	.95526	13.593	.96265	.90224	.89915	.90018	.98925
#2	.95829	13.359	.96346	.90142	.90524	.90397	.98328
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95729	.96461	.99711	.02120	.92286	.96369	.92069
SDev	.00049	.00936	.00165	.00406	.00399	.00115	.00033
%RSD	.05103	.97006	.16558	19.144	.43218	.11930	.03618
#1	.95764	.97123	.99828	.02407	.92004	.96450	.92092
#2	.95695	.95800	.99594	.01833	.92568	.96288	.92045
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00025	1.0075
SDev	.00202	.0007
%RSD	798.00	.06506
#1	.00168	1.0080
#2	-.00118	1.0070
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4027	--	--	--	--	--	--
SDev	4.719799	--	--	--	--	--	--
%RSD	.1171904	--	--	--	--	--	--
#1	4031	--	--	--	--	--	--
#2	4024	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850105/SD Operator: AH
Run Time: 09/04/08 14:26:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0322	1.0157	.13742	1.5238	.90288	C.00000	.91755
SDev	.0003	.0017	.00052	.0043	.00187	.00000	.00158
%RSD	.02446	.16949	.38169	.28028	.20760	.00000	.17169
#1	1.0320	1.0169	.13704	1.5268	.90421	C.00000	.91867
#2	1.0324	1.0145	.13779	1.5208	.90156	C.00000	.91644
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97334	.90439	1.0057	.49874	2.3214	63.514	10.677
SDev	.00123	.00148	.0022	.00168	.0098	.061	.010
%RSD	.12674	.16407	.22230	.33717	.42012	.09578	.09554
#1	.97421	.90543	1.0073	.49993	2.3283	63.557	10.684
#2	.97247	.90334	1.0041	.49756	2.3145	63.471	10.670
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95541	13.428	.96717	.90273	.89843	.89986	.98326
SDev	.00388	.027	.00137	.00674	.00203	.00360	.00836
%RSD	.40590	.20201	.14160	.74687	.22602	.40002	.85047
#1	.95267	13.409	.96814	.90749	.89987	.90241	.98917
#2	.95815	13.447	.96620	.89796	.89700	.89732	.97735
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95561	.96238	.99371	.01493	.91251	.96411	.92133
SDev	.00975	.01176	.00666	.00244	.00258	.00035	.00191
%RSD	1.0206	1.2223	.67043	16.371	.28250	.03585	.20725
#1	.94871	.97070	.99842	.01665	.91069	.96435	.92268
#2	.96250	.95406	.98900	.01320	.91434	.96387	.91998
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00191	1.0090
SDev	.00140	.0007
%RSD	73.340	.06695
#1	.00290	1.0095
#2	.00092	1.0085
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4009	--	--	--	--	--	--
SDev	17.34190	--	--	--	--	--	--
%RSD	.4325485	--	--	--	--	--	--
#1	3997	--	--	--	--	--	--
#2	4022	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850106 Operator: AH
Run Time: 09/04/08 14:32:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0620	.00888	.13972	.86556	.00233	H1189.1	.00353
SDev	.0012	.00197	.00092	.00142	.00000	2.7	.00015
%RSD	.06059	22.174	.66030	.16350	.11622	.22550	4.2806
#1	2.0629	.01027	.13906	.86656	.00233	H1187.2	.00342
#2	2.0611	.00748	.14037	.86456	.00233	H1191.0	.00364
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05629	.37888	5.0045	7.2256	3.5019	23.314	5.1962
SDev	.00016	.00015	.0033	.0144	.0105	.010	.0013
%RSD	.28398	.03901	.06671	.19918	.29927	.04095	.02453
#1	.05618	.37898	5.0069	7.2358	3.5093	23.321	5.1971
#2	.05641	.37877	5.0021	7.2154	3.4945	23.307	5.1953
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00269	11.886	.07058	.00866	.00989	.00948	-.00031
SDev	.00021	.083	.00043	.00059	.00199	.00152	.00276
%RSD	7.9060	.69636	.60636	6.8048	20.103	16.057	887.56
#1	.00254	11.827	.07027	.00824	.00848	.00840	-.00226
#2	.00285	11.944	.07088	.00908	.01129	.01056	.00164
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00826	.00016	-.00055	.00120	-.00137	.00037	2.2601
SDev	.00054	.00330	.00578	.00043	.00045	.00075	.0009
%RSD	6.5879	2011.1	1055.9	35.790	32.898	200.17	.04156
#1	.00865	.00250	-.00464	.00090	-.00169	-.00015	2.2608
#2	.00788	-.00217	.00354	.00151	-.00105	.00090	2.2595
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00108	-.00060
SDev	.00336	.00049
%RSD	309.31	81.373
#1	-.00346	-.00095
#2	.00129	-.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4113	--	--	--	--	--	--
SDev	7.689786	--	--	--	--	--	--
%RSD	.1869612	--	--	--	--	--	--
#1	4118	--	--	--	--	--	--
#2	4108	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 02:44:17 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 14:38:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.505	.50161	.48848	.49623	.49085	24.775	.49075
SDev	.054	.00191	.00016	.00160	.00116	.063	.00100
%RSD	.22103	.38095	.03322	.32225	.23542	.25434	.20328
#1	24.466	.50296	.48837	.49510	.49003	24.730	.49146
#2	24.543	.50026	.48860	.49736	.49167	24.819	.49005
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49369	.49178	.49157	24.489	24.814	24.666	.48828
SDev	.00057	.00081	.00124	.088	.007	.038	.00096
%RSD	.11465	.16513	.25247	.35971	.02776	.15446	.19650
#1	.49409	.49235	.49069	24.551	24.819	24.693	.48896
#2	.49328	.49120	.49245	24.427	24.809	24.639	.48760
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49236	24.461	.49245	.49423	.49620	.49554	.50069
SDev	.00074	.063	.00071	.00177	.00108	.00131	.00181
%RSD	.15047	.25852	.14482	.35816	.21715	.26398	.36221
#1	.49183	24.417	.49194	.49298	.49543	.49462	.49940
#2	.49288	24.506	.49295	.49548	.49696	.49647	.50197
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49706	.49507	.50350	.49457	.48931	.49886	.49413
SDev	.00714	.00190	.00367	.00135	.00413	.00126	.00069
%RSD	1.4363	.38465	.72938	.27322	.84438	.25172	.14049
#1	.49201	.49642	.50090	.49362	.48638	.49975	.49462
#2	.50211	.49373	.50610	.49553	.49223	.49797	.49364
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50725	.49428
SDev	.00153	.00070
%RSD	.30229	.14134
#1	.50833	.49477
#2	.50616	.49378
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4120	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.1029830	--	--	--	--	--	--
#1	4117	--	--	--	--	--	--
#2	4123	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 14:44:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02687	-.00010	-.00038	.00018	.00011	.02350	.00032
SDev	.00020	.00118	.00038	.00006	.00004	.00591	.00026
%RSD	.73198	1206.4	100.73	35.283	38.633	25.150	81.686
#1	.02701	.00074	-.00065	.00013	.00008	.01932	.00014
#2	.02673	-.00094	-.00011	.00022	.00013	.02768	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00017	-.00035	.01681	.00432	.02057	.00009
SDev	.00022	.00043	.00039	.00149	.00213	.00536	.00013
%RSD	130.58	254.42	110.29	8.8548	49.322	26.072	146.91
#1	.00001	-.00014	-.00062	.01576	.00282	.01678	-.00000
#2	.00033	.00047	-.00008	.01786	.00583	.02436	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.07039	.00043	-.00147	-.00057	-.00087	.00319
SDev	.00065	.14938	.00052	.00139	.00081	.00008	.00034
%RSD	66.115	212.20	121.71	94.808	141.36	8.9106	10.646
#1	.00053	.17602	.00006	-.00048	-.00115	-.00092	.00343
#2	.00145	-.03523	.00080	-.00245	-.00000	-.00082	.00295
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00468	.00468	.00245	.00036	.00479	.00044	-.00001
SDev	.00076	.00456	.00177	.00005	.00224	.00056	.00047
%RSD	16.324	97.339	72.199	14.602	46.723	128.38	7799.0
#1	.00414	.00791	.00120	.00032	.00637	.00004	-.00034
#2	.00522	.00146	.00370	.00040	.00321	.00084	.00032
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00157	.00003
SDev	.00020	.00058
%RSD	12.621	1880.4
#1	-.00143	-.00038
#2	-.00171	.00044
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4091	--	--	--	--	--	--
SDev	15.06141	--	--	--	--	--	--
%RSD	.3681438	--	--	--	--	--	--
#1	4102	--	--	--	--	--	--
#2	4081	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849812 Operator: AH
Run Time: 09/04/08 14:55:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3864	.03016	3.6567	.55629	.00404	C.00000	.00087
SDev	.0087	.00787	.0016	.00402	.00000	.00000	.00000
%RSD	.62623	26.105	.04494	.72321	.01114	.00000	.36130
#1	1.3926	.02459	3.6555	.55914	.00404	C.00000	.00087
#2	1.3803	.03572	3.6578	.55345	.00404	C.00000	.00087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00856	.08878	.28709	105.29	C.00000	28.448	2.8581
SDev	.00046	.00060	.00190	.09	.00000	.002	.0007
%RSD	5.4009	.67336	.66073	.08903	.00000	.00580	.02339
#1	.00889	.08921	.28843	105.36	C.00000	28.449	2.8585
#2	.00824	.08836	.28575	105.23	C.00000	28.447	2.8576
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05544	H976.04	.13925	.83214	.81945	.82368	L-.01123
SDev	.00121	6.23	.00041	.00193	.00377	.00187	.00142
%RSD	2.1792	.63841	.29588	.23197	.46047	.22752	12.633
#1	.05630	H980.45	.13895	.83350	.81679	.82235	L-.01224
#2	.05459	H971.64	.13954	.83077	.82212	.82500	L-.01023
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01385	.00894	-.02132	.05629	L-.01884	.02276	1.1412
SDev	.00085	.00212	.00107	.00039	.00216	.00017	.0001
%RSD	6.1321	23.770	5.0017	.69178	11.483	.73821	.00716
#1	.01324	.00744	-.02207	.05657	L-.01731	.02288	1.1412
#2	.01445	.01044	-.02056	.05602	L-.02037	.02264	1.1413
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02106	-.00039
SDev	.00475	.00075
%RSD	22.544	192.74
#1	.02442	.00014
#2	.01770	-.00092
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3166	--	--	--	--	--	--
SDev	11.40210	--	--	--	--	--	--
%RSD	.3601150	--	--	--	--	--	--
#1	3158	--	--	--	--	--	--
#2	3174	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849684/MS Operator: AH
Run Time: 09/04/08 15:01:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.213	.22028	.99755	.23238	.20734	25.478	.20841
SDev	.030	.00290	.00403	.00016	.00063	.104	.00043
%RSD	.29769	1.3144	.40398	.06910	.30559	.40883	.20498
#1	10.235	.22232	1.0004	.23249	.20779	25.552	.20871
#2	10.192	.21823	.99470	.23227	.20689	25.404	.20810
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21212	.20190	.20978	10.503	11.437	17.329	.21046
SDev	.00001	.00052	.00046	.036	.013	.029	.00042
%RSD	.00501	.25577	.22065	.34105	.11192	.16944	.20015
#1	.21213	.20227	.21011	10.528	11.446	17.350	.21076
#2	.21211	.20154	.20946	10.477	11.428	17.308	.21017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47417	63.395	.20658	.20752	.20896	.20848	.21185
SDev	.00061	.194	.00033	.00070	.00007	.00028	.00067
%RSD	.12884	.30581	.15928	.33625	.03602	.13554	.31715
#1	.47374	63.532	.20682	.20702	.20891	.20828	.21137
#2	.47461	63.258	.20635	.20801	.20901	.20868	.21232
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21834	.20584	.21486	.20547	.20496	.21232	.20835
SDev	.00376	.00255	.00027	.00016	.00436	.00035	.00028
%RSD	1.7224	1.2397	.12475	.07859	2.1259	.16340	.13695
#1	.22100	.20403	.21505	.20559	.20804	.21256	.20855
#2	.21568	.20764	.21467	.20536	.20188	.21207	.20814
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21411	.05159
SDev	.00038	.00011
%RSD	.17870	.21711
#1	.21438	.05167
#2	.21384	.05151
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4163	--	--	--	--	--	--
SDev	5.196959	--	--	--	--	--	--
%RSD	.1248496	--	--	--	--	--	--
#1	4166	--	--	--	--	--	--
#2	4159	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849685/SD Operator: AH
Run Time: 09/04/08 15:07:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.086	.21528	.99608	.23058	.20243	25.088	.20326
SDev	.015	.00440	.00158	.00071	.00075	.100	.00047
%RSD	.14471	2.0431	.15809	.30749	.37028	.39885	.22975
#1	10.096	.21839	.99497	.23108	.20296	25.158	.20359
#2	10.076	.21217	.99719	.23008	.20190	25.017	.20292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20706	.19740	.20520	10.243	11.332	17.050	.20601
SDev	.00070	.00087	.00091	.026	.022	.049	.00044
%RSD	.34011	.44052	.44546	.24952	.19368	.28589	.21372
#1	.20755	.19802	.20585	10.261	11.348	17.085	.20632
#2	.20656	.19679	.20456	10.225	11.317	17.016	.20569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46895	63.206	.20252	.20296	.20363	.20341	.20167
SDev	.00053	.130	.00078	.00100	.00026	.00016	.00200
%RSD	.11383	.20587	.38607	.49475	.12699	.07959	.99383
#1	.46933	63.298	.20308	.20367	.20345	.20352	.20025
#2	.46858	63.114	.20197	.20225	.20382	.20330	.20308
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20962	.19504	.20499	.20153	.19948	.20763	.20275
SDev	.00081	.00191	.00205	.00054	.00080	.00079	.00163
%RSD	.38533	.97790	1.0014	.26811	.39916	.37872	.80559
#1	.20905	.19369	.20353	.20192	.19891	.20819	.20390
#2	.21019	.19639	.20644	.20115	.20004	.20708	.20159
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20871	.05080
SDev	.00005	.00071
%RSD	.02427	1.3887
#1	.20867	.05130
#2	.20874	.05030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4148	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0063927	--	--	--	--	--	--
#1	4148	--	--	--	--	--	--
#2	4148	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850219/PB Operator: AH
Run Time: 09/04/08 15:26:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02883	.00015	.00525	.00006	-.00008	.07044	.00012
SDev	.00429	.00098	.00103	.00011	.00001	.00100	.00003
%RSD	14.893	647.23	19.567	189.11	16.100	1.4188	23.908
#1	.03187	-.00054	.00598	.00013	-.00007	.07114	.00014
#2	.02580	.00084	.00453	-.00002	-.00009	.06973	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00029	-.00109	.00787	-.00308	.00019	.00018
SDev	.00038	.00049	.00079	.00808	.00858	.00088	.00003
%RSD	279.93	169.50	72.486	102.65	278.25	463.75	14.627
#1	.00041	.00064	-.00053	.01359	.00298	.00081	.00020
#2	-.00013	-.00006	-.00164	.00216	-.00915	-.00043	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	-.06890	.00053	-.00135	.00045	-.00015	-.00195
SDev	.00039	.10707	.00048	.00197	.00144	.00030	.00054
%RSD	33.802	155.40	91.071	145.89	317.26	203.97	27.934
#1	.00088	.00681	.00087	-.00274	.00147	.00007	-.00233
#2	.00144	-.14461	.00019	.00004	-.00056	-.00036	-.00156
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00277	-.00216	-.00185	-.00008	.00290	.00039	.00191
SDev	.00177	.00858	.00347	.00014	.00021	.00012	.00028
%RSD	63.712	398.18	188.19	189.30	7.2779	31.731	14.354
#1	.00402	-.00822	.00061	.00003	.00305	.00047	.00211
#2	.00152	.00391	-.00430	-.00018	.00275	.00030	.00172
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00003	.00023
SDev	.00328	.00002
%RSD	11948.	9.5891
#1	.00229	.00025
#2	-.00235	.00022
Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4159	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0318772	--	--	--	--	--	--
#1	4158	--	--	--	--	--	--
#2	4160	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850218/FB Operator: AH
Run Time: 09/04/08 15:32:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9835	.20766	.20349	.20510	.19761	10.067	.19926
SDev	.0004	.00464	.00051	.00018	.00012	.003	.00003
%RSD	.00399	2.2324	.24985	.08945	.05961	.03106	.01718
#1	9.9832	.20438	.20385	.20497	.19769	10.069	.19928
#2	9.9838	.21093	.20313	.20523	.19753	10.064	.19923
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20190	.19286	.19915	9.9308	10.270	9.9409	.19532
SDev	.00034	.00026	.00027	.0028	.011	.0105	.00010
%RSD	.16744	.13468	.13672	.02826	.11197	.10564	.05291
#1	.20214	.19268	.19896	9.9328	10.278	9.9483	.19539
#2	.20166	.19305	.19935	9.9289	10.262	9.9335	.19525
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20001	10.067	.19761	.19407	.20215	.19946	.19899
SDev	.00010	.042	.00083	.00161	.00130	.00033	.00220
%RSD	.04982	.41690	.42184	.82918	.64198	.16532	1.1063
#1	.19994	10.097	.19702	.19521	.20124	.19923	.19744
#2	.20008	10.038	.19820	.19294	.20307	.19970	.20055
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19948	.19441	.20129	.19676	.19937	.20313	.19780
SDev	.00045	.00404	.00532	.00030	.00118	.00015	.00034
%RSD	.22446	2.0777	2.6438	.15245	.59391	.07535	.17057
#1	.19916	.19726	.19753	.19655	.20021	.20323	.19803
#2	.19979	.19155	.20505	.19698	.19854	.20302	.19756
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20642	.04957
SDev	.00090	.00027
%RSD	.43589	.55220
#1	.20578	.04938
#2	.20705	.04977
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4155	--	--	--	--	--	--
SDev	4.401809	--	--	--	--	--	--
%RSD	.1059352	--	--	--	--	--	--
#1	4158	--	--	--	--	--	--
#2	4152	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850203 Operator: AH
Run Time: 09/04/08 15:39:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1816	.00291	.04514	.14031	.00168	20.237	.00044
SDev	.0156	.00035	.00083	.00040	.00001	.048	.00014
%RSD	.37247	12.119	1.8322	.28241	.28882	.23657	31.513
#1	4.1926	.00266	.04572	.14059	.00169	20.271	.00054
#2	4.1706	.00316	.04455	.14003	.00168	20.203	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	.00187	.00170	1.7089	1.9497	5.0655	.78503
SDev	.00018	.00013	.00036	.0025	.0022	.0011	.00015
%RSD	15.777	6.7350	20.955	.14893	.11246	.02247	.01875
#1	.00102	.00179	.00195	1.7107	1.9513	5.0663	.78492
#2	.00128	.00196	.00145	1.7071	1.9482	5.0647	.78513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	73.562	.00546	.00251	.00444	.00380	.00082
SDev	.00026	.185	.00018	.00076	.00170	.00089	.00010
%RSD	59.173	.25088	3.3228	30.132	38.388	23.292	12.235
#1	.00063	73.692	.00559	.00198	.00565	.00443	.00090
#2	.00026	73.431	.00533	.00305	.00324	.00317	.00075
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	-.00052	.00150	.15268	.00177	.00188	.11023
SDev	.00141	.00551	.00290	.00141	.00329	.00006	.00052
%RSD	234.36	1053.6	193.97	.92440	186.06	2.9098	.46975
#1	-.00039	-.00442	.00355	.15368	.00410	.00184	.10986
#2	.00160	.00337	-.00056	.15169	-.00056	.00191	.11059
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00135	-.00046
SDev	.00022	.00043
%RSD	16.347	94.052
#1	-.00119	-.00015
#2	-.00150	-.00077
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4439	--	--	--	--	--	--
SDev	6.629126	--	--	--	--	--	--
%RSD	.1493261	--	--	--	--	--	--
#1	4435	--	--	--	--	--	--
#2	4444	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850204 Operator: AH
Run Time: 09/04/08 15:45:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2742	-.00088	.01718	.00904	-.00008	.48018	.00003
SDev	.0106	.00090	.00048	.00007	.00000	.00530	.00013
%RSD	.46628	102.07	2.8157	.82412	4.1854	1.1040	375.39
#1	2.2667	-.00025	.01752	.00899	-.00008	.47643	-.00006
#2	2.2817	-.00152	.01684	.00909	-.00008	.48393	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00194	-.00066	1.0710	.06369	.28265	.00435
SDev	.00044	.00014	.00043	.0094	.00526	.00472	.00019
%RSD	127.00	7.0868	65.655	.87671	8.2572	1.6698	4.4755
#1	.00004	.00185	-.00035	1.0644	.05997	.27931	.00421
#2	.00065	.00204	-.00096	1.0777	.06741	.28599	.00449
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	1.2271	.00113	.00180	.00291	.00254	.00128
SDev	.00039	.0793	.00052	.00157	.00059	.00013	.00115
%RSD	211.89	6.4624	46.051	86.791	20.242	5.0514	89.603
#1	-.00046	1.1710	.00149	.00291	.00249	.00263	.00210
#2	.00009	1.2831	.00076	.00070	.00333	.00245	.00047
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	-.00012	.00198	.02319	.00188	.00200	.00229
SDev	.00073	.00427	.00386	.00163	.00229	.00037	.00027
%RSD	29.961	3505.8	194.53	7.0408	122.01	18.329	11.883
#1	.00297	-.00314	.00472	.02204	.00350	.00174	.00248
#2	.00193	.00290	-.00075	.02435	.00026	.00226	.00209
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00085	-.00021
SDev	.00168	.00035
%RSD	198.25	171.13
#1	.00034	-.00045
#2	-.00204	.00004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4174	--	--	--	--	--	--
SDev	1.537819	--	--	--	--	--	--
%RSD	.0368394	--	--	--	--	--	--
#1	4175	--	--	--	--	--	--
#2	4173	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850205 Operator: AH
Run Time: 09/04/08 15:50:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0119	-.00079	.02461	.14394	.00018	99.296	-.00012
SDev	.0099	.00058	.00115	.00007	.00001	.005	.00003
%RSD	.49274	72.549	4.6758	.04708	3.0330	.00540	24.976
#1	2.0189	-.00120	.02379	.14399	.00018	99.299	-.00010
#2	2.0049	-.00039	.02542	.14389	.00019	99.292	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00199	.00018	1.7629	1.2157	10.713	.08824
SDev	.00008	.00038	.00036	.0015	.0021	.000	.00010
%RSD	6.6862	19.075	202.46	.08578	.17677	.00249	.11094
#1	.00123	.00172	-.00008	1.7619	1.2172	10.713	.08831
#2	.00112	.00226	.00043	1.7640	1.2142	10.713	.08817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	9.7484	.00252	.00176	-.00023	.00043	-.00010
SDev	.00038	.0598	.00022	.00219	.00094	.00010	.00224
%RSD	29.118	.61368	8.6548	124.70	407.42	23.506	2190.0
#1	.00103	9.7907	.00237	.00331	-.00090	.00050	-.00169
#2	.00156	9.7061	.00268	.00021	.00044	.00036	.00148
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	-.00131	.00050	.04320	.00299	.00321	.00359
SDev	.00586	.00081	.00295	.00268	.00160	.00024	.00065
%RSD	295.24	61.847	585.50	6.2140	53.703	7.4359	18.007
#1	-.00216	-.00189	-.00158	.04510	.00185	.00338	.00313
#2	.00612	-.00074	.00259	.04130	.00412	.00304	.00405
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00173	.00021
SDev	.00065	.00046
%RSD	37.307	215.54
#1	.00219	.00054
#2	.00128	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4159	--	--	--	--	--	--
SDev	6.947462	--	--	--	--	--	--
%RSD	.1670520	--	--	--	--	--	--
#1	4164	--	--	--	--	--	--
#2	4154	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850206 Operator: AH
Run Time: 09/04/08 15:55:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03177	-.00052	.10363	.21626	-.00002	109.34	.00014
SDev	.00375	.00123	.00073	.00053	.00000	.17	.00014
%RSD	11.816	237.20	.70030	.24304	15.774	.15940	93.875
#1	.03442	.00035	.10312	.21588	-.00002	109.22	.00005
#2	.02912	-.00139	.10414	.21663	-.00002	109.46	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00004	.00134	.00623	4.3541	14.904	1.9304
SDev	.00048	.00036	.00019	.00486	.0181	.022	.0003
%RSD	112.69	831.34	14.218	77.976	.41644	.14532	.01416
#1	.00009	-.00021	.00120	.00279	4.3413	14.888	1.9306
#2	.00076	.00030	.00147	.00966	4.3670	14.919	1.9302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	228.89	.00211	.00066	-.00119	-.00057	-.00185
SDev	.00059	.28	.00014	.00128	.00058	.00004	.00083
%RSD	39.158	.12439	6.5891	192.55	48.800	6.7179	45.001
#1	.00192	228.69	.00221	.00157	-.00160	-.00055	-.00126
#2	.00109	229.10	.00201	-.00024	-.00078	-.00060	-.00244
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	-.00427	-.00064	.00024	-.00110	.00013	.00916
SDev	.00129	.00460	.00105	.00039	.00038	.00038	.00021
%RSD	37.178	107.88	164.75	165.41	34.054	285.48	2.3336
#1	.00438	-.00101	-.00138	.00051	-.00137	-.00013	.00901
#2	.00256	-.00752	.00011	-.00004	-.00084	.00040	.00931
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00178	.00029
SDev	.00053	.00024
%RSD	29.637	80.886
#1	-.00141	.00013
#2	-.00215	.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4071	--	--	--	--	--	--
SDev	10.97794	--	--	--	--	--	--
%RSD	.2696296	--	--	--	--	--	--
#1	4079	--	--	--	--	--	--
#2	4064	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850207 Operator: AH
Run Time: 09/04/08 16:01:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10966	.00288	.08623	.44223	-.00000	101.00	.00028
SDev	.00347	.00250	.00111	.00317	.00001	.53	.00005
%RSD	3.1658	86.777	1.2908	.71748	2075.1	.52509	16.668
#1	.11211	.00111	.08702	.44448	.00001	101.38	.00025
#2	.10720	.00465	.08545	.43999	-.00001	100.63	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00927	.00667	.62801	3.4743	12.846	5.2216
SDev	.00003	.00023	.00061	.00269	.0166	.040	.0133
%RSD	2.5815	2.4816	9.1518	.42824	.47680	.31358	.25437
#1	.00119	.00911	.00624	.62611	3.4860	12.875	5.2310
#2	.00115	.00943	.00710	.62992	3.4626	12.818	5.2122
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	163.11	.00643	-.00257	.00179	.00034	.00051
SDev	.00104	.98	.00010	.00011	.00007	.00001	.00088
%RSD	42.245	.60236	1.5716	4.1097	3.7592	2.8749	173.15
#1	.00319	163.81	.00650	-.00250	.00175	.00033	-.00011
#2	.00172	162.42	.00636	-.00265	.00184	.00035	.00113
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00125	.00100	.00026	.00140	.00253	.00087	.01350
SDev	.00180	.00244	.00254	.00036	.00011	.00031	.00033
%RSD	143.44	242.97	982.52	25.536	4.2316	35.332	2.4292
#1	-.00002	.00273	-.00154	.00115	.00245	.00065	.01373
#2	.00252	-.00072	.00205	.00166	.00260	.00109	.01326
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00125	.00020
SDev	.00223	.00008
%RSD	177.47	39.508
#1	-.00283	.00014
#2	.00032	.00025
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4093	--	--	--	--	--	--
SDev	14.05392	--	--	--	--	--	--
%RSD	.3433889	--	--	--	--	--	--
#1	4083	--	--	--	--	--	--
#2	4103	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 04:13:29 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 16:08:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.610	.50244	.48780	.49807	.49040	24.884	.49116
SDev	.050	.00101	.00301	.00039	.00067	.059	.00018
%RSD	.20169	.20092	.61727	.07831	.13581	.23693	.03729
#1	24.575	.50173	.48567	.49780	.48993	24.842	.49103
#2	24.645	.50316	.48993	.49835	.49087	24.926	.49129
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49448	.49109	.49356	24.419	25.050	24.852	.48848
SDev	.00039	.00007	.00050	.005	.020	.013	.00008
%RSD	.07934	.01489	.10173	.02091	.08112	.05303	.01720
#1	.49420	.49114	.49321	24.415	25.064	24.842	.48842
#2	.49476	.49104	.49392	24.422	25.035	24.861	.48854
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49164	24.593	.49125	.49431	.50103	.49879	.50666
SDev	.00446	.103	.00062	.00025	.00030	.00012	.00226
%RSD	.90688	.41934	.12616	.05087	.06047	.02373	.44499
#1	.48849	24.520	.49081	.49449	.50081	.49871	.50826
#2	.49479	24.666	.49169	.49413	.50124	.49887	.50507
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49675	.49880	.51060	.49960	.48857	.50378	.49520
SDev	.00734	.00161	.00258	.00128	.01304	.00023	.00008
%RSD	1.4779	.32186	.50514	.25713	2.6697	.04597	.01682
#1	.49156	.49994	.51242	.49870	.47935	.50394	.49526
#2	.50194	.49767	.50878	.50051	.49779	.50361	.49514
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50655	.49390
SDev	.00119	.00024
%RSD	.23429	.04930
#1	.50571	.49407
#2	.50739	.49373
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4116	--	--	--	--	--	--
SDev	4.666628	--	--	--	--	--	--
%RSD	.1133860	--	--	--	--	--	--
#1	4119	--	--	--	--	--	--
#2	4112	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 04:18:52 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 16:13:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02929	.00007	.00019	.00004	.00010	.02110	.00033
SDev	.00258	.00140	.00109	.00007	.00001	.00134	.00007
%RSD	8.7948	1944.8	573.55	193.83	7.4265	6.3369	22.893
#1	.03111	.00106	.00096	.00009	.00009	.02015	.00028
#2	.02747	-.00092	-.00058	-.00001	.00010	.02204	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00040	-.00085	.01643	-.00592	.01814	.00014
SDev	.00014	.00037	.00048	.00575	.00897	.00222	.00005
%RSD	188.39	91.836	56.685	35.033	151.41	12.236	35.769
#1	.00017	.00014	-.00051	.01236	-.01227	.01657	.00011
#2	-.00002	.00067	-.00119	.02049	.00042	.01971	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	-.01279	-.00009	-.00289	.00075	-.00046	-.00151
SDev	.00192	.04597	.00027	.00004	.00237	.00160	.00167
%RSD	158.51	359.49	295.91	1.4707	316.67	343.94	109.97
#1	.00257	.01972	.00010	-.00292	-.00093	-.00159	-.00269
#2	-.00015	-.04529	-.00028	-.00286	.00243	.00066	-.00034
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	-.00275	-.00090	.00000	.00366	.00035	.00019
SDev	.00094	.00110	.00195	.00047	.00036	.00031	.00000
%RSD	31.633	39.853	217.71	14222.	9.8402	88.527	1.3060
#1	.00365	-.00353	-.00227	.00034	.00391	.00013	.00019
#2	.00231	-.00198	.00048	-.00033	.00340	.00057	.00018
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00415	-.00011
SDev	.00088	.00018
%RSD	21.173	159.01
#1	-.00477	.00001
#2	-.00353	-.00024
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4104	--	--	--	--	--	--
SDev	9.227951	--	--	--	--	--	--
%RSD	.2248649	--	--	--	--	--	--
#1	4097	--	--	--	--	--	--
#2	4110	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850208 Operator: AH
Run Time: 09/04/08 16:18:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09673	.00042	.02712	.02183	-.00006	32.028	.00006
SDev	.00036	.00058	.00004	.00013	.00001	.150	.00000
%RSD	.37090	136.00	.13147	.61217	18.761	.46754	.37057
#1	.09698	.00083	.02710	.02193	-.00005	32.134	.00006
#2	.09647	.00002	.02715	.02174	-.00006	31.922	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00043	.00049	.07739	1.5270	8.6008	.00634
SDev	.00028	.00050	.00013	.00258	.0232	.0265	.00002
%RSD	110.95	117.18	26.697	3.3358	1.5207	.30843	.27242
#1	.00044	.00007	.00040	.07921	1.5434	8.6196	.00635
#2	.00005	.00079	.00059	.07556	1.5106	8.5821	.00633
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	16.596	.00134	-.00013	.00014	.00005	.00020
SDev	.00083	.091	.00007	.00509	.00313	.00039	.00139
%RSD	44.452	.54940	5.4362	4061.2	2241.4	764.64	697.83
#1	.00246	16.660	.00139	.00347	-.00207	-.00023	.00119
#2	.00129	16.531	.00129	-.00372	.00235	.00033	-.00079
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	-.00275	.00168	.00126	.00691	.00078	.00276
SDev	.00289	.00052	.00235	.00026	.00366	.00030	.00001
%RSD	166.59	19.025	140.54	21.091	52.869	39.179	.36282
#1	.00378	-.00312	.00334	.00144	.00433	.00056	.00277
#2	-.00031	-.00238	.00001	.00107	.00950	.00099	.00276
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00040	.00027
SDev	.00098	.00028
%RSD	248.39	102.28
#1	.00030	.00047
#2	-.00109	.00008
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4144	--	--	--	--	--	--
SDev	11.03093	--	--	--	--	--	--
%RSD	.2661680	--	--	--	--	--	--
#1	4137	--	--	--	--	--	--
#2	4152	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850209 Operator: AH
Run Time: 09/04/08 16:24:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13076	-.00056	.02988	.02233	-.00008	32.625	.00004
SDev	.00078	.00038	.00063	.00000	.00001	.097	.00002
%RSD	.59679	68.099	2.1081	.00431	13.604	.29601	38.613
#1	.13131	-.00082	.02943	.02232	-.00009	32.557	.00005
#2	.13021	-.00029	.03032	.02233	-.00007	32.694	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00044	.00248	.12040	1.6526	8.5450	.00796
SDev	.00047	.00027	.00053	.01054	.0035	.0052	.00002
%RSD	250.00	60.085	21.555	8.7579	.21295	.06135	.19285
#1	.00052	.00063	.00286	.12785	1.6551	8.5413	.00797
#2	-.00014	.00026	.00210	.11294	1.6501	8.5487	.00795
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	12.076	.00053	-.00187	.00047	-.00031	-.00130
SDev	.00026	.057	.00061	.00055	.00033	.00040	.00148
%RSD	19.966	.47508	114.88	29.376	69.180	129.87	113.87
#1	.00113	12.035	.00097	-.00226	.00024	-.00059	-.00235
#2	.00150	12.116	.00010	-.00148	.00070	-.00003	-.00025
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	-.00646	.00128	.00194	.00122	.00117	.00225
SDev	.00212	.00000	.00222	.00095	.00411	.00025	.00018
%RSD	57.338	.03556	174.34	48.814	335.29	21.042	8.1866
#1	.00220	-.00646	-.00030	.00261	.00413	.00135	.00238
#2	.00520	-.00646	.00285	.00127	-.00168	.00100	.00212
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00180	-.00010
SDev	.00051	.00012
%RSD	28.276	116.55
#1	-.00144	-.00019
#2	-.00216	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4138	--	--	--	--	--	--
SDev	1.219828	--	--	--	--	--	--
%RSD	.0294754	--	--	--	--	--	--
#1	4138	--	--	--	--	--	--
#2	4139	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850210 Operator: AH
Run Time: 09/04/08 16:29:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03046	-.00022	.00487	.00009	-.00008	.13609	.00007
SDev	.00110	.00273	.00019	.00007	.00002	.00105	.00005
%RSD	3.5936	1220.8	3.8571	73.569	24.985	.77415	73.726
#1	.03124	-.00215	.00500	.00004	-.00009	.13534	.00011
#2	.02969	.00171	.00473	.00014	-.00006	.13683	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00006	-.00115	.01328	.00048	.01845	.00010
SDev	.00028	.00002	.00006	.00428	.01124	.00366	.00000
%RSD	287.51	32.681	5.3073	32.210	2350.1	19.827	.60978
#1	.00029	-.00007	-.00120	.01630	.00842	.01586	.00010
#2	-.00010	-.00004	-.00111	.01025	-.00747	.02104	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.07844	.00023	-.00014	.00034	.00018	.00277
SDev	.00015	.18924	.00007	.00107	.00247	.00129	.00024
%RSD	124.15	241.25	29.159	758.16	719.13	709.00	8.5521
#1	-.00023	-.05537	.00028	-.00090	.00209	.00109	.00294
#2	-.00001	.21225	.00019	.00062	-.00140	-.00073	.00260
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	.00657	.00087	.00009	.00079	.00017	.00082
SDev	.00265	.00396	.00233	.00027	.00158	.00043	.00018
%RSD	93.470	60.227	269.64	297.28	200.16	254.91	21.743
#1	.00096	.00377	.00252	-.00010	.00191	-.00014	.00095
#2	.00471	.00937	-.00078	.00028	-.00033	.00047	.00070
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00039	.00012
SDev	.00003	.00044
%RSD	7.5172	360.36
#1	-.00041	-.00019
#2	-.00037	.00044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4146	--	--	--	--	--	--
SDev	10.12910	--	--	--	--	--	--
%RSD	.2443344	--	--	--	--	--	--
#1	4153	--	--	--	--	--	--
#2	4138	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850211 Operator: AH
Run Time: 09/04/08 16:35:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19641	.00068	.03180	.02108	-.00006	46.307	.00018
SDev	.00059	.00014	.00001	.00008	.00001	.011	.00021
%RSD	.30141	20.695	.04014	.39420	21.171	.02304	116.31
#1	.19683	.00078	.03181	.02102	-.00005	46.300	.00003
#2	.19599	.00058	.03179	.02114	-.00006	46.315	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00061	.00111	.09878	1.7179	8.3400	.00787
SDev	.00050	.00007	.00044	.00137	.0045	.0075	.00002
%RSD	240.24	12.023	39.555	1.3883	.26385	.08957	.25661
#1	.00056	.00056	.00142	.09781	1.7211	8.3453	.00785
#2	-.00015	.00066	.00080	.09975	1.7147	8.3347	.00788
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00325	15.219	.00121	-.00308	.00111	-.00029	-.00080
SDev	.00053	.032	.00024	.00460	.00157	.00048	.00111
%RSD	16.211	.21288	19.576	149.46	142.07	168.52	139.28
#1	.00288	15.196	.00138	-.00633	.00222	-.00063	-.00001
#2	.00362	15.242	.00104	.00017	-.00001	.00005	-.00158
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	-.00579	.00170	.00070	.00022	.00105	.00662
SDev	.00101	.00427	.00047	.00011	.00010	.00019	.00028
%RSD	42.958	73.704	27.512	15.113	46.141	17.786	4.2551
#1	.00307	-.00277	.00137	.00062	.00015	.00118	.00682
#2	.00164	-.00882	.00203	.00077	.00029	.00092	.00642
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00154	.00021
SDev	.00060	.00046
%RSD	38.743	217.33
#1	-.00196	-.00011
#2	-.00112	.00053
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4123	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.0733103	--	--	--	--	--	--
#1	4121	--	--	--	--	--	--
#2	4125	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850212 Operator: AH
Run Time: 09/04/08 16:40:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27246	-.00251	.03149	.01781	-.00005	62.453	.00011
SDev	.00149	.00090	.00133	.00008	.00002	.168	.00004
%RSD	.54561	36.067	4.2141	.43555	33.075	.26948	35.340
#1	.27351	-.00187	.03243	.01786	-.00006	62.572	.00014
#2	.27141	-.00315	.03056	.01775	-.00003	62.334	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00033	.00087	.10687	1.6742	8.1858	.00738
SDev	.00000	.00007	.00034	.00134	.0092	.0205	.00005
%RSD	.23053	22.290	39.097	1.2545	.55187	.25072	.62846
#1	.00017	.00028	.00063	.10782	1.6807	8.2003	.00734
#2	.00017	.00039	.00111	.10592	1.6677	8.1713	.00741
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00409	14.599	.00123	.00045	-.00218	-.00131	-.00233
SDev	.00047	.079	.00063	.00355	.00074	.00069	.00299
%RSD	11.448	.53857	51.336	796.38	33.897	52.758	128.39
#1	.00442	14.655	.00078	.00295	-.00270	-.00082	-.00021
#2	.00376	14.544	.00167	-.00206	-.00166	-.00179	-.00445
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	-.00154	-.00273	.00103	.00249	.00048	.01013
SDev	.00175	.00763	.00068	.00006	.00344	.00012	.00008
%RSD	175.14	496.21	24.812	5.5611	138.30	25.934	.80153
#1	-.00024	.00386	-.00225	.00099	.00005	.00039	.01019
#2	.00224	-.00693	-.00321	.00107	.00492	.00057	.01007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00169	.00010
SDev	.00257	.00008
%RSD	152.20	77.873
#1	.00013	.00015
#2	-.00351	.00004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4125	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.0964193	--	--	--	--	--	--
#1	4128	--	--	--	--	--	--
#2	4122	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850213 Operator: AH
Run Time: 09/04/08 16:45:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11213	.00020	.02728	.02204	-.00006	32.281	.00010
SDev	.00045	.00178	.00021	.00002	.00001	.110	.00001
%RSD	.40015	876.04	.76654	.10276	9.2153	.34200	13.180
#1	.11181	-.00106	.02713	.02203	-.00006	32.359	.00009
#2	.11244	.00147	.02743	.02206	-.00006	32.203	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00044	.00012	.10460	1.5414	8.6004	.00798
SDev	.00008	.00023	.00029	.00022	.0030	.0040	.00001
%RSD	725.89	52.781	242.71	.20946	.19150	.04629	.10055
#1	-.00007	.00027	-.00009	.10444	1.5393	8.5975	.00799
#2	.00005	.00060	.00033	.10475	1.5435	8.6032	.00798
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	11.717	.00077	-.00114	.00090	.00022	-.00346
SDev	.00018	.122	.00036	.00203	.00197	.00064	.00014
%RSD	11.167	1.0455	46.746	178.74	219.11	287.84	4.1674
#1	.00152	11.630	.00052	-.00257	.00229	.00067	-.00336
#2	.00178	11.803	.00103	.00030	-.00049	-.00023	-.00356
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	-.00575	-.00231	.00153	.00161	.00074	.00195
SDev	.00184	.00152	.00098	.00069	.00021	.00037	.00010
%RSD	125.76	26.399	42.183	45.253	12.836	49.934	5.1381
#1	.00016	-.00683	-.00162	.00104	.00146	.00048	.00202
#2	.00277	-.00468	-.00300	.00201	.00175	.00100	.00188
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00226	-.00024
SDev	.00020	.00025
%RSD	8.8349	102.82
#1	-.00240	-.00041
#2	-.00212	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4107	--	--	--	--	--	--
SDev	10.65977	--	--	--	--	--	--
%RSD	.2595442	--	--	--	--	--	--
#1	4100	--	--	--	--	--	--
#2	4115	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850214 Operator: AH
Run Time: 09/04/08 16:51:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16924	.00067	.02713	.02223	-.00007	32.103	-.00011
SDev	.00065	.00164	.00009	.00018	.00002	.338	.00001
%RSD	.38423	247.12	.32211	.80588	33.668	1.0516	10.911
#1	.16878	.00183	.02719	.02210	-.00009	31.864	-.00010
#2	.16970	-.00050	.02706	.02236	-.00006	32.342	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00034	.00168	.23398	1.5461	8.5933	.01612
SDev	.00024	.00000	.00037	.00188	.0054	.0470	.00012
%RSD	281.93	1.3198	21.721	.80298	.35078	.54660	.74869
#1	-.00026	.00033	.00194	.23265	1.5422	8.5601	.01603
#2	.00009	.00034	.00143	.23531	1.5499	8.6265	.01620
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00190	11.675	.00141	.00244	-.00080	.00028	.00070
SDev	.00055	.163	.00025	.00303	.00111	.00027	.00016
%RSD	28.713	1.3924	17.450	124.30	138.58	96.591	22.611
#1	.00229	11.560	.00124	.00029	-.00002	.00009	.00081
#2	.00152	11.790	.00159	.00458	-.00159	.00046	.00059
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00358	-.00074	.00309	.00318	.00026	.00206
SDev	.00063	.00536	.00292	.00026	.00052	.00044	.00007
%RSD	60.907	149.62	394.92	8.3654	16.316	169.84	3.2371
#1	.00059	-.00021	.00132	.00328	.00281	-.00005	.00210
#2	.00149	.00737	-.00280	.00291	.00354	.00056	.00201
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00095	-.00040
SDev	.00049	.00023
%RSD	51.804	57.320
#1	-.00130	-.00057
#2	-.00060	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4138	--	--	--	--	--	--
SDev	33.99395	--	--	--	--	--	--
%RSD	.8215638	--	--	--	--	--	--
#1	4162	--	--	--	--	--	--
#2	4114	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850214/L (1:5) Operator: AH
Run Time: 09/04/08 16:56:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06029	.00043	.00568	.00482	-.00002	6.5433	-.00002
SDev	.00350	.00048	.00075	.00004	.00001	.0019	.00001
%RSD	5.8113	111.13	13.143	.81496	57.447	.02850	54.164
#1	.05781	.00009	.00515	.00480	-.00003	6.5446	-.00001
#2	.06277	.00077	.00620	.00485	-.00001	6.5420	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	-.00008	-.00121	.04692	.29156	1.7400	.00320
SDev	.00042	.00011	.00056	.00523	.00273	.0012	.00005
%RSD	472.01	136.49	46.053	11.154	.93601	.07037	1.4213
#1	-.00039	-.00016	-.00161	.04322	.29349	1.7391	.00316
#2	.00021	-.00000	-.00082	.05062	.28963	1.7409	.00323
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	2.3464	.00029	.00109	-.00062	-.00005	-.00125
SDev	.00019	.0176	.00042	.00055	.00007	.00023	.00126
%RSD	60.417	.74982	141.12	50.389	11.808	451.17	100.78
#1	.00018	2.3588	.00000	.00148	-.00057	.00011	-.00215
#2	.00045	2.3339	.00059	.00070	-.00067	-.00022	-.00036
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	-.00288	-.00044	.00046	.00002	.00004	-.00014
SDev	.00148	.00030	.00205	.00016	.00583	.00025	.00009
%RSD	308.35	10.502	464.41	34.305	28797.	614.14	69.149
#1	-.00057	-.00266	-.00189	.00035	.00414	.00022	-.00007
#2	.00153	-.00309	.00101	.00058	-.00410	-.00014	-.00020
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00218	.00005
SDev	.00079	.00007
%RSD	36.227	146.85
#1	-.00274	.00009
#2	-.00162	-.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4088	--	--	--	--	--	--
SDev	8.750446	--	--	--	--	--	--
%RSD	.2140644	--	--	--	--	--	--
#1	4082	--	--	--	--	--	--
#2	4094	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850214/PS Operator: AH
Run Time: 09/04/08 17:02:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.236	.21482	.22971	.22846	.20472	42.029	.20512
SDev	.059	.00568	.00096	.00123	.00074	.149	.00025
%RSD	.57202	2.6426	.41749	.53997	.35978	.35356	.12081
#1	10.195	.21081	.22904	.22758	.20420	41.924	.20529
#2	10.278	.21884	.23039	.22933	.20524	42.134	.20494
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20842	.19878	.20718	10.488	12.223	18.879	.21863
SDev	.00010	.00026	.00131	.016	.005	.013	.00028
%RSD	.04952	.13265	.63157	.15036	.03897	.06915	.12818
#1	.20835	.19860	.20626	10.499	12.226	18.888	.21883
#2	.20849	.19897	.20811	10.477	12.220	18.870	.21843
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21256	21.527	.20285	.20051	.20851	.20584	.21142
SDev	.00036	.013	.00060	.00142	.00190	.00080	.00009
%RSD	.16794	.06028	.29436	.70833	.91140	.38601	.04009
#1	.21281	21.537	.20243	.20151	.20716	.20528	.21136
#2	.21231	21.518	.20327	.19950	.20985	.20640	.21148
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21112	.20440	.21493	.20898	.19638	.21429	.20845
SDev	.00980	.00024	.00001	.00006	.00211	.00006	.00054
%RSD	4.6437	.11760	.00324	.02874	1.0720	.02552	.25899
#1	.20419	.20423	.21492	.20902	.19787	.21425	.20807
#2	.21805	.20457	.21493	.20893	.19489	.21433	.20883
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.18904	.04992
SDev	.00158	.00035
%RSD	.83630	.70037
#1	.18793	.05017
#2	.19016	.04967
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4123	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1697811	--	--	--	--	--	--
#1	4128	--	--	--	--	--	--
#2	4118	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850215/MD Operator: AH
Run Time: 09/04/08 17:07:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16782	-.00109	.02751	.02226	-.00003	32.478	.00011
SDev	.00254	.00006	.00061	.00005	.00000	.016	.00003
%RSD	1.5159	5.7570	2.2112	.22547	13.033	.04944	28.378
#1	.16962	-.00113	.02708	.02223	-.00003	32.489	.00009
#2	.16602	-.00104	.02794	.02230	-.00003	32.466	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00065	.00240	.25720	1.5508	8.6839	.01666
SDev	.00014	.00029	.00034	.00334	.0103	.0050	.00003
%RSD	93.399	45.262	14.354	1.3005	.66492	.05804	.19299
#1	.00005	.00086	.00216	.25957	1.5581	8.6875	.01663
#2	.00025	.00044	.00265	.25484	1.5435	8.6803	.01668
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	11.525	.00121	-.00369	.00227	.00028	-.00253
SDev	.00027	.263	.00066	.00247	.00188	.00043	.00133
%RSD	39.021	2.2855	54.363	67.054	82.903	151.37	52.644
#1	.00049	11.711	.00168	-.00544	.00360	.00059	-.00347
#2	.00087	11.339	.00075	-.00194	.00094	-.00002	-.00159
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	-.01013	.00127	.00203	.00247	.00073	.00174
SDev	.00311	.00692	.00146	.00056	.00087	.00000	.00036
%RSD	165.30	68.256	114.76	27.339	35.189	.27894	20.860
#1	-.00032	-.01502	.00231	.00242	.00309	.00073	.00199
#2	.00408	-.00524	.00024	.00164	.00186	.00074	.00148
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00191	-.00046
SDev	.00067	.00011
%RSD	35.032	24.094
#1	-.00144	-.00054
#2	-.00238	-.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4133	--	--	--	--	--	--
SDev	7.902125	--	--	--	--	--	--
%RSD	.1911756	--	--	--	--	--	--
#1	4139	--	--	--	--	--	--
#2	4128	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 05:19:34 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 17:14:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.419	.49839	.48650	.49659	.48529	24.665	.48617
SDev	.004	.00064	.00161	.00022	.00018	.009	.00066
%RSD	.01632	.12908	.33197	.04446	.03631	.03823	.13547
#1	24.422	.49885	.48765	.49643	.48541	24.672	.48663
#2	24.416	.49794	.48536	.49675	.48517	24.658	.48570
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49065	.48778	.49013	24.265	25.022	24.699	.48646
SDev	.00058	.00011	.00005	.030	.058	.026	.00044
%RSD	.11774	.02318	.00989	.12198	.23060	.10518	.09096
#1	.49106	.48786	.49016	24.285	25.063	24.718	.48677
#2	.49024	.48770	.49009	24.244	24.981	24.681	.48614
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48917	24.601	.48607	.48761	.49612	.49328	.50112
SDev	.00312	.037	.00044	.00191	.00158	.00169	.00704
%RSD	.63722	.14968	.08985	.39151	.31840	.34247	1.4050
#1	.48696	24.627	.48638	.48896	.49724	.49448	.50610
#2	.49137	24.575	.48576	.48626	.49500	.49209	.49614
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50027	.47994	.51172	.49798	.47862	.50137	.49226
SDev	.00229	.01229	.00442	.00005	.00679	.00056	.00151
%RSD	.45804	2.5597	.86347	.00943	1.4187	.11129	.30592
#1	.49865	.48863	.51484	.49801	.47381	.50176	.49333
#2	.50189	.47125	.50859	.49795	.48342	.50097	.49120
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50190	.49211
SDev	.00134	.00044
%RSD	.26596	.09046
#1	.50096	.49179
#2	.50284	.49242
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4077	--	--	--	--	--	--
SDev	13.20525	--	--	--	--	--	--
%RSD	.3238814	--	--	--	--	--	--
#1	4068	--	--	--	--	--	--
#2	4087	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 05:24:57 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 17:19:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02004	.00054	-.00051	.00002	.00007	.01333	-.00003
SDev	.00451	.00069	.00045	.00006	.00002	.00111	.00004
%RSD	22.496	127.03	87.323	324.88	22.189	8.3374	136.73
#1	.02323	.00103	-.00020	.00006	.00008	.01412	-.00000
#2	.01686	.00006	-.00083	-.00002	.00006	.01255	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.00019	-.00152	.00897	-.00828	.01266	.00002
SDev	.00025	.00015	.00064	.00679	.01332	.00015	.00005
%RSD	87.959	79.854	42.211	75.753	160.81	1.1625	322.56
#1	-.00011	-.00008	-.00107	.01377	.00114	.01276	.00005
#2	-.00047	-.00029	-.00198	.00416	-.01771	.01255	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	-.13339	-.00000	-.00107	-.00121	-.00116	-.00347
SDev	.00111	.08478	.00005	.00156	.00189	.00074	.00276
%RSD	84.183	63.562	1271.1	146.03	156.05	63.537	79.463
#1	.00210	-.07344	.00003	-.00218	.00013	-.00064	-.00542
#2	.00053	-.19334	-.00004	.00003	-.00255	-.00169	-.00152
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	-.00533	-.00255	-.00013	.00330	.00009	.00013
SDev	.00399	.00751	.00039	.00003	.00548	.00031	.00047
%RSD	243.37	140.97	15.138	24.862	166.24	361.63	358.79
#1	.00446	-.01064	-.00282	-.00010	.00717	.00031	-.00020
#2	-.00118	-.00002	-.00227	-.00015	-.00058	-.00014	.00046
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00212	-.00016
SDev	.00028	.00009
%RSD	13.096	56.084
#1	-.00231	-.00022
#2	-.00192	-.00010
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4071	--	--	--	--	--	--
SDev	4.189642	--	--	--	--	--	--
%RSD	.1029266	--	--	--	--	--	--
#1	4073	--	--	--	--	--	--
#2	4068	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850216/MS Operator: AH
Run Time: 09/04/08 17:25:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.101	.21118	.22384	.22771	.19877	42.200	.19799
SDev	.016	.00075	.00016	.00053	.00029	.063	.00002
%RSD	.15629	.35598	.07114	.23234	.14809	.14858	.00937
#1	10.090	.21171	.22395	.22733	.19857	42.156	.19798
#2	10.112	.21065	.22372	.22808	.19898	42.245	.19801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20250	.19344	.20306	10.196	12.004	18.618	.21297
SDev	.00004	.00058	.00040	.006	.020	.001	.00011
%RSD	.02064	.30018	.19928	.05961	.16833	.00692	.04942
#1	.20247	.19303	.20277	10.192	11.989	18.617	.21305
#2	.20253	.19385	.20334	10.200	12.018	18.619	.21290
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20523	21.697	.19714	.20055	.20246	.20183	.20027
SDev	.00175	.010	.00061	.00002	.00108	.00071	.00027
%RSD	.85236	.04623	.30731	.01053	.53314	.35324	.13402
#1	.20400	21.690	.19671	.20057	.20170	.20132	.20046
#2	.20647	21.704	.19757	.20054	.20322	.20233	.20008
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20641	.20004	.20039	.20220	.19644	.20688	.20033
SDev	.00084	.00621	.00270	.00088	.00194	.00045	.00082
%RSD	.40831	3.1055	1.3491	.43315	.98720	.21595	.40784
#1	.20581	.20443	.19848	.20158	.19781	.20719	.19976
#2	.20700	.19565	.20230	.20282	.19507	.20656	.20091
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20514	.05022
SDev	.00044	.00031
%RSD	.21326	.61649
#1	.20544	.05000
#2	.20483	.05044
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4112	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0064484	--	--	--	--	--	--
#1	4112	--	--	--	--	--	--
#2	4112	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD850217 Operator: AH
Run Time: 09/04/08 17:30:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04041	-.00242	.00613	.00014	-.00003	.13833	.00011
SDev	.00138	.00127	.00062	.00010	.00001	.00070	.00003
%RSD	3.4125	52.305	10.102	73.364	27.909	.50814	24.794
#1	.04139	-.00332	.00656	.00007	-.00002	.13883	.00009
#2	.03944	-.00153	.00569	.00021	-.00004	.13783	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	.00046	-.00016	.01370	.00643	.01051	.00026
SDev	.00019	.00044	.00018	.00387	.00200	.00376	.00001
%RSD	84.261	94.667	115.58	28.272	31.157	35.810	5.3849
#1	.00037	.00077	-.00003	.01644	.00501	.00785	.00027
#2	.00009	.00015	-.00029	.01096	.00785	.01317	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	-.02136	.00107	-.00443	.00148	-.00049	-.00017
SDev	.00017	.09419	.00058	.00365	.00257	.00050	.00048
%RSD	310.52	440.99	54.333	82.531	173.53	101.76	273.77
#1	-.00007	-.08796	.00066	-.00701	.00330	-.00014	-.00051
#2	.00017	.04524	.00149	-.00184	-.00034	-.00084	.00016
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00224	-.00190	.00069	.00008	.00243	.00048	.00208
SDev	.00080	.00185	.00164	.00044	.00211	.00025	.00010
%RSD	35.783	97.338	238.32	539.15	86.984	52.157	4.8527
#1	.00281	-.00059	-.00047	-.00023	.00392	.00066	.00215
#2	.00167	-.00321	.00185	.00039	.00093	.00030	.00201
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00293	.00018
SDev	.00035	.00023
%RSD	11.991	130.47
#1	-.00318	.00001
#2	-.00268	.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4108	--	--	--	--	--	--
SDev	11.61409	--	--	--	--	--	--
%RSD	.2827335	--	--	--	--	--	--
#1	4100	--	--	--	--	--	--
#2	4116	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849862/PB Operator: AH
Run Time: 09/04/08 17:38:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07155	.00044	.00906	.00015	-.00006	.15188	.00007
SDev	.00126	.00193	.00116	.00005	.00001	.00033	.00002
%RSD	1.7614	440.16	12.803	35.760	9.7568	.21686	31.220
#1	.07244	-.00093	.00988	.00018	-.00006	.15165	.00009
#2	.07066	.00181	.00824	.00011	-.00006	.15211	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00002	-.00078	.01267	.00009	.00377	.00004
SDev	.00008	.00025	.00022	.00147	.00241	.00123	.00004
%RSD	44.063	1594.2	27.631	11.581	2609.5	32.662	91.172
#1	.00025	-.00016	-.00063	.01163	.00179	.00290	.00007
#2	.00013	.00019	-.00093	.01371	-.00161	.00464	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.02929	.00048	-.00304	.00209	.00038	.00199
SDev	.00081	.05141	.00012	.00102	.00004	.00037	.00013
%RSD	252.90	175.54	24.995	33.551	2.0045	95.726	6.3554
#1	.00090	.06564	.00040	-.00376	.00206	.00012	.00208
#2	-.00025	-.00707	.00057	-.00232	.00212	.00064	.00191
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00600	-.00129	.00364	.00024	.00063	.00074	.00032
SDev	.00295	.00626	.00294	.00018	.00607	.00012	.00000
%RSD	49.247	484.65	80.841	73.813	961.79	16.463	1.2146
#1	.00808	.00314	.00156	.00037	-.00366	.00083	.00031
#2	.00391	-.00572	.00572	.00012	.00492	.00066	.00032
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00327	-.00031
SDev	.00033	.00010
%RSD	10.030	32.606
#1	-.00304	-.00024
#2	-.00350	-.00038
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4109	--	--	--	--	--	--
SDev	11.87926	--	--	--	--	--	--
%RSD	.2890699	--	--	--	--	--	--
#1	4118	--	--	--	--	--	--
#2	4101	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849861/FB Operator: AH
Run Time: 09/04/08 17:44:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.087	.21446	.20781	.20797	.20127	10.386	.20295
SDev	.015	.00209	.00074	.00048	.00020	.005	.00003
%RSD	.15172	.97363	.35825	.22960	.10197	.05168	.01502
#1	10.076	.21594	.20834	.20763	.20113	10.382	.20297
#2	10.098	.21298	.20729	.20831	.20142	10.389	.20293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20625	.19677	.20364	10.150	10.408	10.189	.20008
SDev	.00023	.00025	.00010	.007	.021	.005	.00014
%RSD	.11047	.12856	.04949	.07219	.19803	.04768	.06877
#1	.20641	.19695	.20371	10.155	10.422	10.185	.20018
#2	.20609	.19659	.20357	10.145	10.393	10.192	.19998
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20660	10.141	.20016	.19844	.20821	.20496	.20571
SDev	.00221	.035	.00042	.00228	.00049	.00043	.00730
%RSD	1.0695	.34680	.20821	1.1497	.23741	.20979	3.5484
#1	.20504	10.165	.20045	.19683	.20856	.20466	.21088
#2	.20816	10.116	.19986	.20005	.20786	.20526	.20055
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21008	.19147	.21284	.20339	.20615	.20924	.20348
SDev	.00131	.01104	.00543	.00008	.00005	.00006	.00012
%RSD	.62390	5.7683	2.5499	.03940	.02630	.02881	.06063
#1	.21100	.19928	.21668	.20345	.20611	.20928	.20340
#2	.20915	.18366	.20900	.20334	.20619	.20920	.20357
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20644	.04977
SDev	.00060	.00031
%RSD	.28974	.62028
#1	.20601	.04955
#2	.20686	.04999
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4118	--	--	--	--	--	--
SDev	1.219828	--	--	--	--	--	--
%RSD	.0296198	--	--	--	--	--	--
#1	4117	--	--	--	--	--	--
#2	4119	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849842 Operator: AH
Run Time: 09/04/08 17:49:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9678	.00080	.02865	.04512	.00013	91.999	.00061
SDev	.0134	.00137	.00073	.00021	.00000	.537	.00006
%RSD	.45284	171.75	2.5358	.47037	.48004	.58339	10.581
#1	2.9583	-.00017	.02917	.04497	.00013	91.619	.00057
#2	2.9773	.00177	.02814	.04527	.00013	92.379	.00066
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	.00336	.01287	3.3696	2.9545	10.815	1.1366
SDev	.00018	.00002	.00027	.0215	.0064	.016	.0007
%RSD	4.2999	.46699	2.0968	.63772	.21737	.14499	.06297
#1	.00404	.00335	.01306	3.3544	2.9500	10.804	1.1361
#2	.00429	.00337	.01268	3.3848	2.9591	10.826	1.1371
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	53.386	.01067	.00278	.00192	.00221	-.00076
SDev	.00099	.443	.00048	.00106	.00209	.00104	.00213
%RSD	136.90	.83054	4.5066	38.117	108.95	47.139	280.24
#1	.00002	53.072	.01101	.00203	.00339	.00294	.00074
#2	.00143	53.699	.01033	.00353	.00044	.00147	-.00226
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00228	-.00319	.00046	.03096	-.00001	.00400	.39543
SDev	.00327	.00488	.00563	.00310	.00179	.00007	.00073
%RSD	143.64	152.77	1227.5	10.026	28775.	1.8067	.18450
#1	.00459	-.00664	.00444	.03315	.00126	.00395	.39491
#2	-.00004	.00026	-.00352	.02877	-.00127	.00405	.39594
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00178	-.00062
SDev	.00252	.00016
%RSD	141.96	25.122
#1	-.00356	-.00073
#2	.00001	-.00051
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4089	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.2075034	--	--	--	--	--	--
#1	4095	--	--	--	--	--	--
#2	4083	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849843 Operator: AH
Run Time: 09/04/08 17:54:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.801	.08797	.06492	.79682	.00460	87.830	-.00049
SDev	.011	.00019	.00011	.00017	.00003	.028	.00006
%RSD	.01092	.21560	.17522	.02154	.56686	.03160	12.583
#1	96.808	.08783	.06500	.79694	.00459	87.849	-.00045
#2	96.793	.08810	.06484	.79669	.00462	87.810	-.00054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10394	.14467	.29624	275.48	14.462	39.182	8.6701
SDev	.00036	.00048	.00040	.16	.095	.003	.0104
%RSD	.34970	.32905	.13456	.05690	.65650	.00668	.11947
#1	.10420	.14501	.29652	275.59	14.395	39.180	8.6774
#2	.10368	.14434	.29596	275.37	14.529	39.184	8.6628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00567	64.763	.21662	.14378	.14775	.14643	-.00902
SDev	.00053	.261	.00011	.00040	.00248	.00152	.00635
%RSD	9.3479	.40370	.04877	.27747	1.6768	1.0378	70.462
#1	.00605	64.948	.21655	.14407	.14600	.14536	L-.01351
#2	.00530	64.578	.21670	.14350	.14950	.14750	-.00452
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00307	-.00194	-.01256	.25671	L-.02414	.14781	1.0701
SDev	.00106	.01211	.00347	.00562	.00409	.00049	.0008
%RSD	34.376	625.34	27.664	2.1874	16.942	.33117	.07860
#1	.00382	-.01050	-.01502	.25274	L-.02704	.14815	1.0695
#2	.00233	.00663	-.01010	.26068	L-.02125	.14746	1.0707
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00148	-.00058
SDev	.00086	.00060
%RSD	57.728	103.59
#1	.00209	-.00015
#2	.00088	-.00100
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4457	--	--	--	--	--	--
SDev	4.295466	--	--	--	--	--	--
%RSD	.0963711	--	--	--	--	--	--
#1	4454	--	--	--	--	--	--
#2	4460	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849844 Operator: AH
Run Time: 09/04/08 18:00:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0350	.00588	.03983	.12596	.00020	80.737	-.00009
SDev	.0263	.00290	.00120	.00053	.00000	.355	.00004
%RSD	.52293	49.384	3.0029	.42377	.73021	.44001	48.697
#1	5.0536	.00793	.03899	.12634	.00020	80.988	-.00006
#2	5.0163	.00382	.04068	.12559	.00020	80.486	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.01119	.03103	20.428	4.2793	10.688	.11096
SDev	.00020	.00016	.00024	.038	.0120	.003	.00058
%RSD	9.7977	1.4686	.78593	.18600	.27966	.02488	.52490
#1	.00215	.01107	.03120	20.455	4.2878	10.690	.11138
#2	.00187	.01131	.03085	20.401	4.2708	10.686	.11055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	87.574	.00714	.05911	.06059	.06010	.00282
SDev	.00065	.402	.00007	.00065	.00112	.00053	.00052
%RSD	403.46	.45880	.92101	1.0979	1.8508	.88499	18.359
#1	-.00030	87.858	.00719	.05957	.05980	.05972	.00319
#2	.00062	87.289	.00709	.05865	.06138	.06047	.00246
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.00457	.00195	.05051	-.00066	.00973	.27800
SDev	.00177	.00368	.00262	.00152	.00330	.00017	.00020
%RSD	118.11	80.604	134.19	3.0075	504.25	1.7346	.07303
#1	.00275	.00196	.00380	.05158	.00168	.00961	.27786
#2	.00025	.00717	.00010	.04944	-.00299	.00985	.27814
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00207	-.00017
SDev	.00076	.00055
%RSD	36.980	325.80
#1	-.00261	.00022
#2	-.00153	-.00056
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4091	--	--	--	--	--	--
SDev	7.901780	--	--	--	--	--	--
%RSD	.1931367	--	--	--	--	--	--
#1	4086	--	--	--	--	--	--
#2	4097	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849845 Operator: AH
Run Time: 09/04/08 18:05:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.337	.03817	.05220	.44422	.00169	78.225	.00017
SDev	.219	.00064	.00028	.00189	.00002	.393	.00011
%RSD	.60302	1.6686	.53960	.42508	1.1425	.50239	63.028
#1	36.492	.03862	.05200	.44555	.00170	78.503	.00009
#2	36.182	.03772	.05240	.44288	.00168	77.947	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02721	.08755	.35459	212.19	11.289	18.301	1.9613
SDev	.00045	.00040	.00170	.06	.005	.001	.0009
%RSD	1.6443	.46129	.47866	.03027	.04003	.00671	.04522
#1	.02752	.08784	.35579	212.23	11.286	18.302	1.9619
#2	.02689	.08727	.35339	212.14	11.292	18.301	1.9607
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00522	74.487	.07506	.13055	.13109	.13091	-.00405
SDev	.00034	.372	.00018	.00073	.00117	.00054	.00007
%RSD	6.4983	.49968	.24610	.55618	.89361	.41216	1.7790
#1	.00546	74.750	.07493	.13003	.13192	.13129	-.00410
#2	.00498	74.223	.07519	.13106	.13026	.13053	-.00400
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00571	.00112	-.00664	.23806	L-.01996	.09797	.93041
SDev	.00328	.00504	.00241	.00166	.00590	.00064	.00075
%RSD	57.455	448.70	36.293	.69675	29.546	.65740	.08040
#1	.00803	-.00244	-.00494	.23923	L-.01579	.09843	.92988
#2	.00339	.00468	-.00834	.23689	L-.02413	.09752	.93094
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00125	-.00012
SDev	.00261	.00007
%RSD	208.54	53.948
#1	.00310	-.00017
#2	-.00059	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4230	--	--	--	--	--	--
SDev	6.788294	--	--	--	--	--	--
%RSD	.1604684	--	--	--	--	--	--
#1	4226	--	--	--	--	--	--
#2	4235	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849845/L (1:5) Operator: AH
Run Time: 09/04/08 18:11:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.5582	.00373	.02917	.10651	.00041	16.774	.00022
SDev	.0716	.00150	.00037	.00016	.00001	.013	.00031
%RSD	.74864	40.313	1.2580	.15235	1.3453	.07597	141.32
#1	9.6088	.00479	.02943	.10663	.00041	16.765	.00000
#2	9.5076	.00266	.02891	.10640	.00041	16.783	.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00582	.02100	.07119	44.391	3.0335	3.9752	.40793
SDev	.00047	.00043	.00104	.056	.0392	.0123	.00053
%RSD	7.9898	2.0598	1.4670	.12673	1.2919	.30995	.13122
#1	.00549	.02069	.07045	44.430	3.0612	3.9839	.40830
#2	.00615	.02130	.07193	44.351	3.0058	3.9665	.40755
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	15.498	.01584	.02563	.02906	.02792	-.00209
SDev	.00023	.015	.00028	.00225	.00027	.00057	.00098
%RSD	29.223	.09382	1.7347	8.7882	.93138	2.0402	46.564
#1	.00063	15.508	.01564	.02723	.02887	.02832	-.00140
#2	.00095	15.488	.01603	.02404	.02925	.02752	-.00278
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00511	-.01063	.00217	.17800	-.00524	.02414	.19808
SDev	.00139	.00660	.00184	.00038	.00422	.00028	.00008
%RSD	27.284	62.104	84.562	.21655	80.572	1.1596	.04065
#1	.00610	-.00596	.00087	.17773	-.00823	.02434	.19803
#2	.00413	-.01530	.00347	.17827	-.00226	.02394	.19814
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00143	.00002
SDev	.00160	.00012
%RSD	111.64	632.59
#1	-.00256	-.00007
#2	-.00030	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4117	--	--	--	--	--	--
SDev	15.00841	--	--	--	--	--	--
%RSD	.3645528	--	--	--	--	--	--
#1	4128	--	--	--	--	--	--
#2	4106	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849845/PS Operator: AH
Run Time: 09/04/08 18:16:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.680	.24236	.25050	.64554	.19629	86.076	.19422
SDev	.182	.00177	.00078	.00181	.00054	.254	.00022
%RSD	.38891	.73169	.30978	.28116	.27551	.29471	.11294
#1	46.809	.24362	.25105	.64683	.19667	86.256	.19438
#2	46.552	.24111	.24995	.64426	.19591	85.897	.19407
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22458	.27630	.54828	216.60	22.292	27.819	2.1046
SDev	.00036	.00021	.00115	.17	.017	.026	.0031
%RSD	.16183	.07549	.20964	.08073	.07430	.09422	.14640
#1	.22433	.27645	.54909	216.73	22.303	27.838	2.1068
#2	.22484	.27616	.54747	216.48	22.280	27.801	2.1025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20679	82.828	.26402	.31639	.32338	.32105	.19562
SDev	.00152	.038	.00103	.00108	.00202	.00099	.00268
%RSD	.73461	.04542	.38978	.33974	.62500	.30840	1.3713
#1	.20571	82.802	.26474	.31563	.32481	.32175	.19752
#2	.20786	82.855	.26329	.31715	.32195	.32035	.19372
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19445	.18599	.20044	.51427	.16797	.30143	1.0979
SDev	.00036	.00482	.00161	.00579	.00578	.00000	.0008
%RSD	.18531	2.5936	.80422	1.1267	3.4416	.00030	.06881
#1	.19419	.18940	.20158	.51836	.16388	.30143	1.0984
#2	.19470	.18258	.19930	.51017	.17206	.30142	1.0974
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.18445	.04832
SDev	.00214	.00054
%RSD	1.1616	1.1205
#1	.18597	.04793
#2	.18294	.04870
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4215	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0377446	--	--	--	--	--	--
#1	4216	--	--	--	--	--	--
#2	4214	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 06:28:37 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 18:23:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.644	.50242	.48363	.50009	.48786	24.856	.48392
SDev	.004	.00554	.00010	.00003	.00037	.018	.00022
%RSD	.01711	1.1033	.02109	.00682	.07521	.07430	.04607
#1	24.641	.49850	.48370	.50012	.48812	24.869	.48408
#2	24.647	.50634	.48356	.50007	.48760	24.843	.48376
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49133	.48664	.49343	24.295	25.077	24.721	.48560
SDev	.00042	.00015	.00006	.014	.039	.021	.00023
%RSD	.08446	.03085	.01146	.05917	.15677	.08313	.04723
#1	.49104	.48675	.49347	24.285	25.049	24.706	.48544
#2	.49162	.48654	.49339	24.305	25.105	24.735	.48577
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49153	24.791	.48600	.49043	.50158	.49786	.50069
SDev	.00155	.165	.00097	.00198	.00022	.00080	.00615
%RSD	.31462	.66706	.19918	.40356	.04303	.16129	1.2276
#1	.49044	24.907	.48668	.49183	.50173	.49843	.50503
#2	.49262	24.674	.48531	.48903	.50142	.49730	.49634
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50437	.48875	.50666	.50267	.48429	.50270	.49201
SDev	.00267	.00416	.00714	.00001	.00466	.00084	.00031
%RSD	.52896	.85068	1.4094	.00210	.96119	.16626	.06361
#1	.50248	.49169	.51171	.50266	.48758	.50211	.49223
#2	.50626	.48581	.50161	.50267	.48100	.50329	.49179
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50123	.49213
SDev	.00362	.00098
%RSD	.72128	.19860
#1	.49868	.49282
#2	.50379	.49144
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4052	--	--	--	--	--	--
SDev	11.03093	--	--	--	--	--	--
%RSD	.2722326	--	--	--	--	--	--
#1	4044	--	--	--	--	--	--
#2	4060	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 06:34:01 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 18:28:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04016	-.00229	-.00086	.00014	.00008	.01300	-.00001
SDev	.01580	.00319	.00046	.00008	.00001	.00054	.00001
%RSD	39.342	139.20	52.971	57.240	7.1105	4.1381	121.28
#1	.02898	-.00455	-.00118	.00008	.00009	.01338	-.00000
#2	.05133	-.00004	-.00054	.00020	.00008	.01262	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00001	-.00208	.01312	.00371	.01727	.00005
SDev	.00000	.00019	.00010	.00586	.01066	.00060	.00000
%RSD	1.0844	1588.8	4.8451	44.645	287.23	3.4590	.44377
#1	-.00015	-.00012	-.00215	.00898	-.00383	.01685	.00005
#2	-.00015	.00014	-.00201	.01726	.01125	.01770	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	-.00813	-.00002	.00032	-.00088	-.00048	-.00146
SDev	.00057	.20100	.00028	.00161	.00085	.00003	.00439
%RSD	41.689	2472.7	1568.0	512.08	95.953	5.6652	299.78
#1	.00178	.13400	-.00022	.00146	-.00148	-.00050	-.00457
#2	.00097	-.15026	.00018	-.00083	-.00028	-.00046	.00164
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00398	-.00502	.00031	.00089	.00044	.00031	.00000
SDev	.00087	.00287	.00515	.00072	.00292	.00000	.00028
%RSD	21.827	57.244	1650.8	81.113	659.80	.03935	23883.
#1	.00336	-.00705	-.00333	.00038	.00251	.00031	-.00020
#2	.00459	-.00299	.00395	.00140	-.00162	.00031	.00020
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00321	-.00017
SDev	.00104	.00012
%RSD	32.327	73.623
#1	-.00248	-.00008
#2	-.00394	-.00026
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4059	--	--	--	--	--	--
SDev	5.091307	--	--	--	--	--	--
%RSD	.1254395	--	--	--	--	--	--
#1	4062	--	--	--	--	--	--
#2	4055	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849846/MS Operator: AH
Run Time: 09/04/08 18:34:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.371	.25191	.24713	.65521	.19718	89.933	.19420
SDev	.038	.00008	.00013	.00117	.00039	.178	.00026
%RSD	.07968	.03266	.05242	.17901	.19764	.19784	.13142
#1	47.345	.25185	.24722	.65438	.19691	89.807	.19402
#2	47.398	.25197	.24704	.65604	.19746	90.059	.19438
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22947	.28242	.57980	232.26	20.970	29.022	2.2668
SDev	.00036	.00048	.00061	.24	.016	.008	.0022
%RSD	.15577	.17033	.10590	.10261	.07412	.02779	.09926
#1	.22922	.28208	.57937	232.09	20.959	29.016	2.2652
#2	.22973	.28276	.58024	232.43	20.981	29.028	2.2684
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20711	86.338	.27142	.33063	.33536	.33378	.19918
SDev	.00002	.080	.00050	.00070	.00085	.00080	.00048
%RSD	.00777	.09305	.18327	.21182	.25416	.24020	.24182
#1	.20712	86.281	.27107	.33014	.33476	.33322	.19952
#2	.20710	86.395	.27177	.33113	.33596	.33435	.19884
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18561	.19533	.20111	.43920	.16793	.30480	1.1688
SDev	.00377	.00832	.00488	.00546	.00659	.00027	.0022
%RSD	2.0293	4.2589	2.4275	1.2441	3.9231	.08782	.18880
#1	.18827	.18945	.20456	.44307	.16327	.30499	1.1673
#2	.18294	.20121	.19766	.43534	.17259	.30461	1.1704
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20996	.05069
SDev	.00096	.00036
%RSD	.45744	.70475
#1	.21064	.05044
#2	.20928	.05095
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4218	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1886154	--	--	--	--	--	--
#1	4223	--	--	--	--	--	--
#2	4212	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849847/SD Operator: AH
Run Time: 09/04/08 18:39:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.988	.24719	.24475	.64926	.19446	88.615	.19168
SDev	.060	.00257	.00010	.00032	.00031	.131	.00008
%RSD	.12791	1.0412	.03972	.04943	.15714	.14770	.04052
#1	47.030	.24901	.24468	.64949	.19467	88.707	.19163
#2	46.945	.24537	.24482	.64903	.19424	88.522	.19174
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22652	.27918	.57315	231.73	20.821	28.686	2.2315
SDev	.00001	.00052	.00108	.10	.039	.031	.0006
%RSD	.00463	.18739	.18774	.04275	.18695	.10681	.02832
#1	.22651	.27881	.57391	231.80	20.794	28.664	2.2319
#2	.22653	.27955	.57239	231.66	20.849	28.707	2.2310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20356	85.056	.26832	.33020	.33030	.33027	.19567
SDev	.00195	.235	.00031	.00127	.00083	.00014	.00168
%RSD	.95691	.27679	.11690	.38382	.25265	.04074	.86083
#1	.20218	85.222	.26854	.32931	.33089	.33036	.19686
#2	.20494	84.889	.26810	.33110	.32971	.33017	.19447
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18180	.20327	.19187	.43816	.16565	.30140	1.1584
SDev	.00195	.00391	.00057	.00175	.00347	.00052	.0004
%RSD	1.0747	1.9230	.29821	.39842	2.0966	.17253	.03227
#1	.18041	.20603	.19227	.43692	.16811	.30176	1.1581
#2	.18318	.20050	.19146	.43939	.16319	.30103	1.1586
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20642	.04994
SDev	.00012	.00020
%RSD	.05561	.40212
#1	.20650	.05009
#2	.20634	.04980
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4213	--	--	--	--	--	--
SDev	11.40210	--	--	--	--	--	--
%RSD	.2706255	--	--	--	--	--	--
#1	4205	--	--	--	--	--	--
#2	4221	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849848 Operator: AH
Run Time: 09/04/08 18:44:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.657	.00807	.04771	.16905	.00107	98.406	.00020
SDev	.123	.00184	.00032	.00072	.00001	.354	.00006
%RSD	.52002	22.811	.67928	.42896	.83079	.35985	28.559
#1	23.744	.00937	.04794	.16956	.00108	98.657	.00024
#2	23.570	.00677	.04748	.16853	.00107	98.156	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01497	.04796	.32625	58.880	6.9288	19.242	.99155
SDev	.00003	.00020	.00154	.020	.0266	.013	.00019
%RSD	.16546	.42039	.47368	.03381	.38353	.06919	.01891
#1	.01498	.04810	.32734	58.895	6.9100	19.252	.99141
#2	.01495	.04782	.32516	58.866	6.9476	19.233	.99168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00222	41.381	.04539	.01656	.01765	.01728	-.00363
SDev	.00086	.221	.00026	.00021	.00220	.00154	.00297
%RSD	38.621	.53509	.56176	1.2770	12.454	8.8890	81.950
#1	.00283	41.537	.04521	.01641	.01609	.01620	-.00152
#2	.00162	41.224	.04557	.01671	.01920	.01837	-.00573
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00450	-.00383	-.00352	.12045	-.00403	.02833	.44820
SDev	.00615	.00201	.00345	.00188	.00348	.00038	.00025
%RSD	136.65	52.596	97.904	1.5590	86.408	1.3389	.05490
#1	.00885	-.00241	-.00108	.11912	-.00157	.02806	.44838
#2	.00015	-.00526	-.00596	.12178	-.00649	.02860	.44803
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00032	.00005
SDev	.00103	.00038
%RSD	326.21	799.70
#1	-.00041	.00032
#2	.00105	-.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4195	--	--	--	--	--	--
SDev	6.523129	--	--	--	--	--	--
%RSD	.1555084	--	--	--	--	--	--
#1	4190	--	--	--	--	--	--
#2	4199	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849849 Operator: AH
Run Time: 09/04/08 18:50:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6250	.00123	.02857	.05640	.00024	79.704	.00069
SDev	.0020	.00154	.00020	.00002	.00001	.108	.00019
%RSD	.04357	125.17	.71749	.03362	3.7628	.13536	27.952
#1	4.6264	.00014	.02842	.05641	.00024	79.627	.00055
#2	4.6236	.00233	.02871	.05638	.00023	79.780	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00350	.00545	.01605	5.5092	2.8577	12.279	.43903
SDev	.00000	.00049	.00017	.0130	.0033	.027	.00099
%RSD	.04710	9.0608	1.0863	.23525	.11518	.22062	.22628
#1	.00350	.00510	.01618	5.5184	2.8600	12.298	.43974
#2	.00350	.00580	.01593	5.5001	2.8554	12.260	.43833
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	34.811	.00966	.00221	.00248	.00239	-.00168
SDev	.00002	.049	.00024	.00053	.00185	.00105	.00065
%RSD	9.6670	.14205	2.5289	24.160	74.348	43.986	38.934
#1	.00021	34.846	.00949	.00259	.00118	.00165	-.00121
#2	.00018	34.776	.00983	.00184	.00379	.00314	-.00214
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00253	-.00231	-.00136	.04872	-.00264	.00711	.42660
SDev	.00430	.00041	.00077	.00061	.00434	.00056	.00109
%RSD	169.76	17.948	56.761	1.2591	164.35	7.9003	.25449
#1	-.00051	-.00202	-.00081	.04916	.00043	.00671	.42737
#2	.00558	-.00260	-.00190	.04829	-.00571	.00751	.42583
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00409	-.00040
SDev	.00310	.00016
%RSD	75.737	39.296
#1	-.00628	-.00051
#2	-.00190	-.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4106	--	--	--	--	--	--
SDev	1.113831	--	--	--	--	--	--
%RSD	.0271260	--	--	--	--	--	--
#1	4107	--	--	--	--	--	--
#2	4105	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849850 Operator: AH
Run Time: 09/04/08 18:55:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.128	.00400	.06935	.14733	.00066	96.874	.00013
SDev	.001	.00017	.00064	.00002	.00002	.014	.00006
%RSD	.00842	4.1757	.91931	.01407	3.0952	.01465	50.516
#1	15.129	.00388	.06980	.14734	.00068	96.864	.00008
#2	15.127	.00412	.06890	.14731	.00065	96.884	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01323	.02828	.12787	33.408	6.7697	18.308	1.7970
SDev	.00005	.00002	.00003	.024	.0320	.004	.0008
%RSD	.40577	.06270	.02676	.07167	.47229	.02117	.04392
#1	.01319	.02827	.12785	33.425	6.7923	18.305	1.7976
#2	.01327	.02830	.12789	33.391	6.7471	18.310	1.7965
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	34.907	.03497	.02645	.02645	.02645	-.00062
SDev	.00071	.005	.00018	.00025	.00185	.00132	.00037
%RSD	34.197	.01418	.52728	.94854	6.9890	4.9771	60.510
#1	.00158	34.904	.03484	.02663	.02775	.02738	-.00035
#2	.00259	34.911	.03510	.02628	.02514	.02552	-.00088
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	.00005	-.00095	.08199	-.00319	.02141	.17453
SDev	.00148	.00615	.00251	.00248	.00043	.00042	.00024
%RSD	93.966	13192.	263.90	3.0306	13.612	1.9836	.13972
#1	.00263	.00440	-.00273	.08374	-.00350	.02111	.17470
#2	.00053	-.00430	.00082	.08023	-.00289	.02171	.17436
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00012	-.00015
SDev	.00148	.00030
%RSD	1192.5	194.46
#1	.00093	-.00037
#2	-.00117	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4145	--	--	--	--	--	--
SDev	1.431822	--	--	--	--	--	--
%RSD	.0345416	--	--	--	--	--	--
#1	4144	--	--	--	--	--	--
#2	4146	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849851 Operator: AH
Run Time: 09/04/08 19:01:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.832	.04040	.06742	.30698	.00226	93.311	-.00137
SDev	.076	.00033	.00021	.00038	.00001	.064	.00002
%RSD	.15544	.80721	.31427	.12257	.43251	.06862	1.8200
#1	48.778	.04063	.06727	.30671	.00227	93.266	-.00138
#2	48.885	.04016	.06757	.30724	.00225	93.356	-.00135
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02709	.08293	.24208	132.68	12.667	24.888	1.6958
SDev	.00000	.00040	.00032	.21	.030	.076	.0022
%RSD	.00194	.48543	.13243	.16032	.23515	.30660	.12968
#1	.02709	.08321	.24186	132.83	12.688	24.942	1.6974
#2	.02709	.08264	.24231	132.53	12.646	24.834	1.6943
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00721	38.496	.08683	.06660	.07256	.07058	-.00158
SDev	.00065	.038	.00036	.00154	.00256	.00222	.00293
%RSD	9.0318	.09894	.41660	2.3173	3.5275	3.1472	185.70
#1	.00767	38.523	.08658	.06551	.07075	.06901	-.00365
#2	.00675	38.469	.08709	.06769	.07437	.07215	.00049
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00855	-.00050	-.00212	.25306	L-.01430	.08346	2.4462
SDev	.00453	.00507	.00693	.00338	.00214	.00003	.0051
%RSD	52.927	1012.8	327.17	1.3342	14.951	.04179	.20774
#1	.01175	.00308	-.00702	.25067	L-.01279	.08349	2.4498
#2	.00535	-.00408	.00278	.25544	L-.01581	.08344	2.4426
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00363	.00009
SDev	.00110	.00004
%RSD	30.385	45.762
#1	.00285	.00006
#2	.00441	.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4277	--	--	--	--	--	--
SDev	7.795783	--	--	--	--	--	--
%RSD	.1822759	--	--	--	--	--	--
#1	4271	--	--	--	--	--	--
#2	4282	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849852 Operator: AH
Run Time: 09/04/08 19:06:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.867	.01431	.05894	.28192	.00172	124.71	.00192
SDev	.070	.00238	.00054	.00060	.00001	.12	.00018
%RSD	.20192	16.644	.91796	.21214	.38827	.09323	9.6006
#1	34.817	.01262	.05856	.28150	.00172	124.62	.00179
#2	34.917	.01599	.05932	.28235	.00173	124.79	.00205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02834	.04421	.13897	64.132	10.064	33.107	3.0155
SDev	.00006	.00026	.00019	.090	.011	.043	.0035
%RSD	.19642	.58007	.13375	.14088	.10759	.13124	.11528
#1	.02838	.04403	.13884	64.196	10.056	33.138	3.0179
#2	.02830	.04439	.13911	64.068	10.071	33.077	3.0130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	30.697	.07384	.15992	.16352	.16232	-.00061
SDev	.00137	.131	.00005	.00043	.00072	.00062	.00182
%RSD	45.031	.42666	.06681	.27065	.43818	.38322	297.42
#1	.00401	30.790	.07387	.16022	.16403	.16276	.00068
#2	.00208	30.605	.07380	.15961	.16302	.16188	-.00190
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	.00479	-.00331	.21252	-.00923	.05321	4.7187
SDev	.00023	.00668	.00060	.00041	.00479	.00042	.0110
%RSD	8.0795	139.37	18.184	.19221	51.916	.78239	.23309
#1	.00270	.00951	-.00374	.21223	-.00584	.05291	4.7265
#2	.00302	.00007	-.00289	.21281	L-.01262	.05350	4.7109
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00104	-.00052
SDev	.00150	.00059
%RSD	144.65	113.82
#1	.00210	-.00010
#2	-.00002	-.00094
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4266	--	--	--	--	--	--
SDev	.2123392	--	--	--	--	--	--
%RSD	.0049777	--	--	--	--	--	--
#1	4266	--	--	--	--	--	--
#2	4266	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849853 Operator: AH
Run Time: 09/04/08 19:11:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20001	.11210	8.6005	.06614	.00000	74.430	-.00010
SDev	.00520	.00285	.0048	.00009	.00002	.420	.00007
%RSD	2.5990	2.5385	.05567	.13771	445.09	.56452	66.115
#1	.20369	.11009	8.5971	.06607	-.00001	74.133	-.00005
#2	.19634	.11412	8.6039	.06620	.00001	74.727	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01142	.09814	.00422	2.2194	310.58	55.807	.68078
SDev	.00045	.00057	.00030	.0011	1.11	.095	.00012
%RSD	3.9325	.58159	7.1617	.05009	.35742	.17103	.01715
#1	.01174	.09855	.00444	2.2186	309.80	55.875	.68086
#2	.01111	.09774	.00401	2.2202	311.37	55.740	.68070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03113	H3169.1	.13256	.00306	-.00328	-.00116	.00240
SDev	.00077	10.1	.00107	.00436	.00021	.00159	.00301
%RSD	2.4690	.31971	.80764	142.37	6.4325	136.78	125.14
#1	.03167	H3161.9	.13181	.00615	-.00313	-.00004	.00028
#2	.03059	H3176.3	.13332	-.00002	-.00343	-.00229	.00453
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00671	.00464	.00129	.07606	-.00001	.08675	.01281
SDev	.00007	.00640	.00131	.00045	.00191	.00037	.00007
%RSD	1.0689	137.96	102.05	.58621	15067.	.42696	.57425
#1	.00666	.00011	.00036	.07637	-.00136	.08701	.01286
#2	.00676	.00916	.00222	.07574	.00134	.08648	.01276
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00568	.00076
SDev	.00312	.00115
%RSD	55.020	151.45
#1	.00788	.00157
#2	.00347	-.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3625	--	--	--	--	--	--
SDev	8.060948	--	--	--	--	--	--
%RSD	.2223771	--	--	--	--	--	--
#1	3631	--	--	--	--	--	--
#2	3619	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849854 Operator: AH
Run Time: 09/04/08 19:17:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09389	.02359	1.4017	.03895	.00028	240.99	L-.00167
SDev	.00099	.00188	.0020	.00000	.00001	.05	.00002
%RSD	1.0557	7.9802	.14050	.00155	3.2370	.02235	.94442
#1	.09459	.02492	1.4031	.03895	.00028	241.03	L-.00165
#2	.09319	.02226	1.4003	.03895	.00029	240.96	L-.00168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12139	-.00092	.00496	164.16	91.431	186.79	H73.098
SDev	.00062	.00009	.00022	.10	.287	.17	.039
%RSD	.50767	9.9492	4.3696	.06094	.31420	.09346	.05396
#1	.12183	-.00086	.00511	164.23	91.634	186.91	H73.126
#2	.12096	-.00099	.00480	164.09	91.227	186.67	H73.070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00813	296.49	.10665	.00453	.00256	.00321	-.00603
SDev	.00068	.63	.00011	.00046	.00086	.00073	.00059
%RSD	8.4076	.21245	.10269	10.082	33.831	22.675	9.7173
#1	L-.00765	296.93	.10672	.00486	.00317	.00373	-.00645
#2	L-.00862	296.04	.10657	.00421	.00194	.00270	-.00562
Errors	LC Low	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00264	.00016	-.00913	.00163	L-.02777	.00206	.04408
SDev	.00149	.00094	.00041	.00034	.00022	.00044	.00021
%RSD	56.443	579.30	4.4865	20.711	.78571	21.160	.47724
#1	.00159	-.00050	-.00942	.00139	L-.02761	.00237	.04393
#2	.00370	.00083	-.00884	.00187	L-.02792	.00176	.04423
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00187	.00129
SDev	.00051	.00042
%RSD	27.074	32.504
#1	-.00223	.00158
#2	-.00151	.00099
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4058	--	--	--	--	--	--
SDev	2.068322	--	--	--	--	--	--
%RSD	.0509748	--	--	--	--	--	--
#1	4059	--	--	--	--	--	--
#2	4056	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849855 Operator: AH
Run Time: 09/04/08 19:22:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.677	.13947	8.5762	1.1682	.00109	151.48	-.00037
SDev	.067	.00088	.0059	.0054	.00000	.56	.00005
%RSD	.45529	.62913	.06851	.45870	.13730	.37279	14.379
#1	14.724	.14009	8.5804	1.1720	.00109	151.87	-.00040
#2	14.630	.13885	8.5721	1.1644	.00109	151.08	-.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04276	.14422	.03733	44.084	H435.03	121.68	2.3474
SDev	.00030	.00030	.00000	.060	.21	.29	.0036
%RSD	.70828	.20427	.00795	.13667	.04824	.23722	.15503
#1	.04255	.14443	.03733	44.127	H435.18	121.89	2.3500
#2	.04297	.14402	.03733	44.042	H434.88	121.48	2.3448
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02298	H1114.6	.16417	.02489	.02372	.02411	.00092
SDev	.00015	4.1	.00092	.00096	.00153	.00134	.00064
%RSD	.64023	.36496	.56302	3.8712	6.4424	5.5586	69.216
#1	.02308	H1117.5	.16483	.02421	.02264	.02316	.00137
#2	.02287	H1111.8	.16352	.02557	.02480	.02506	.00047
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00844	.00362	-.00043	.24978	-.00529	.07041	.16952
SDev	.00367	.00724	.00266	.00080	.00165	.00044	.00014
%RSD	43.504	200.06	620.41	.32019	31.126	.62182	.07951
#1	.01104	.00873	-.00231	.25035	-.00412	.07010	.16962
#2	.00584	-.00150	.00145	.24922	-.00645	.07072	.16943
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02591	.00031
SDev	.00068	.00001
%RSD	2.6180	4.0681
#1	.02543	.00030
#2	.02639	.00031
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3872	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1506522	--	--	--	--	--	--
#1	3876	--	--	--	--	--	--
#2	3868	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 07:34:47 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 19:29:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.908	.51637	.49934	.50854	.49778	25.345	.49703
SDev	.367	.01054	.00894	.00778	.00722	.387	.00817
%RSD	1.4731	2.0405	1.7910	1.5292	1.4506	1.5283	1.6439
#1	25.168	.52382	.50566	.51404	.50289	25.619	.50281
#2	24.649	.50892	.49302	.50304	.49268	25.071	.49125
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50287	.49790	.50063	24.819	25.541	25.316	.49492
SDev	.00884	.00793	.00762	.354	.388	.399	.00823
%RSD	1.7576	1.5926	1.5231	1.4275	1.5176	1.5760	1.6631
#1	.50912	.50351	.50602	25.070	25.815	25.598	.50074
#2	.49662	.49230	.49524	24.569	25.267	25.034	.48909
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50067	25.080	.49727	.50130	.51213	.50853	.51783
SDev	.00672	.137	.00768	.00529	.00449	.00476	.00960
%RSD	1.3430	.54717	1.5452	1.0561	.87699	.93579	1.8545
#1	.50542	25.177	.50270	.50505	.51531	.51189	.52462
#2	.49591	24.983	.49183	.49756	.50896	.50516	.51104
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51336	.49933	.52709	.51194	.49184	.51355	.50742
SDev	.00593	.00983	.00949	.00744	.00296	.00747	.00796
%RSD	1.1549	1.9681	1.8008	1.4540	.60162	1.4553	1.5693
#1	.51755	.50628	.53380	.51720	.49393	.51883	.51305
#2	.50917	.49238	.52038	.50668	.48975	.50826	.50179
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51834	.49916
SDev	.00736	.00771
%RSD	1.4207	1.5448
#1	.52355	.50462
#2	.51313	.49371
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4033	--	--	--	--	--	--
SDev	52.71467	--	--	--	--	--	--
%RSD	1.307237	--	--	--	--	--	--
#1	3995	--	--	--	--	--	--
#2	4070	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 19:34:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01849	-.00084	.00436	.00005	.00013	.01566	.00026
SDev	.00019	.00013	.00065	.00013	.00002	.00098	.00002
%RSD	1.0148	15.271	15.019	283.33	16.061	6.2415	5.8538
#1	.01836	-.00093	.00482	-.00005	.00011	.01497	.00025
#2	.01862	-.00075	.00390	.00014	.00014	.01635	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00073	-.00080	.01653	.01234	.00331	.00018
SDev	.00020	.00053	.00010	.00000	.01068	.00392	.00003
%RSD	42.515	72.858	12.712	.01375	86.547	118.30	14.426
#1	.00061	.00111	-.00073	.01653	.00479	.00054	.00020
#2	.00033	.00036	-.00087	.01653	.01988	.00608	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.01906	.00097	-.00341	.00245	.00050	.00273
SDev	.00042	.24610	.00033	.00486	.00253	.00006	.00158
%RSD	42.497	1291.1	33.896	142.77	103.11	13.080	57.671
#1	.00129	-.15496	.00120	-.00685	.00424	.00055	.00385
#2	.00070	.19308	.00074	.00003	.00066	.00045	.00162
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	-.00105	.00463	.00069	.00094	.00102	.00046
SDev	.00016	.00679	.00576	.00101	.00369	.00050	.00037
%RSD	3.4651	644.66	124.47	146.01	391.08	49.410	81.172
#1	.00454	-.00586	.00870	-.00002	-.00166	.00137	.00072
#2	.00477	.00375	.00055	.00140	.00355	.00066	.00020
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00272	.00070
SDev	.00010	.00022
%RSD	3.7014	32.145
#1	-.00280	.00054
#2	-.00265	.00086
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4068	--	--	--	--	--	--
SDev	2.492655	--	--	--	--	--	--
%RSD	.0612775	--	--	--	--	--	--
#1	4066	--	--	--	--	--	--
#2	4070	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849856 Operator: AH
Run Time: 09/04/08 19:40:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3314	.00097	.09256	.04555	.00011	69.556	-.00001
SDev	.0004	.00212	.00078	.00004	.00006	.106	.00013
%RSD	.03200	219.23	.84246	.08916	57.421	.15193	1282.9
#1	1.3311	-.00053	.09201	.04558	.00007	69.630	-.00010
#2	1.3317	.00247	.09311	.04552	.00016	69.481	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00181	.00664	1.5042	2.9844	13.312	.03427
SDev	.00003	.00012	.00019	.0003	.0018	.004	.00003
%RSD	5.3448	6.7064	2.8850	.01864	.06075	.02709	.07451
#1	.00055	.00173	.00678	1.5044	2.9857	13.315	.03429
#2	.00059	.00190	.00651	1.5040	2.9831	13.310	.03426
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00815	24.328	.00315	.00737	.00940	.00873	.00284
SDev	.00033	.038	.00029	.00152	.00103	.00018	.00277
%RSD	4.0182	.15741	9.2742	20.622	10.895	2.0286	97.358
#1	.00792	24.355	.00295	.00630	.01013	.00885	.00089
#2	.00838	24.301	.00336	.00845	.00868	.00860	.00480
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00435	.00209	.04054	-.00165	.00281	.01636
SDev	.00356	.00283	.00274	.00234	.00116	.00012	.00008
%RSD	1169.9	65.155	130.82	5.7631	70.594	4.2890	.48074
#1	-.00221	.00234	.00016	.04219	-.00247	.00290	.01642
#2	.00282	.00635	.00403	.03889	-.00082	.00272	.01630
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00081	-.00074
SDev	.00194	.00031
%RSD	239.49	41.911
#1	-.00218	-.00096
#2	.00056	-.00052
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4129	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0770731	--	--	--	--	--	--
#1	4131	--	--	--	--	--	--
#2	4126	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD849859 Operator: AH
Run Time: 09/04/08 19:45:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3491	.01143	.20865	.46537	.00009	119.89	.00030
SDev	.0026	.00212	.00005	.00031	.00002	.12	.00005
%RSD	.18998	18.531	.02578	.06652	23.564	.09941	15.415
#1	1.3473	.00994	.20861	.46515	.00007	119.80	.00027
#2	1.3509	.01293	.20868	.46558	.00010	119.97	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00353	.00256	.04425	3.9744	12.666	33.381	.15348
SDev	.00008	.00023	.00081	.0038	.015	.004	.00007
%RSD	2.3372	8.8946	1.8329	.09548	.11914	.01097	.04884
#1	.00359	.00240	.04368	3.9771	12.656	33.384	.15343
#2	.00347	.00272	.04483	3.9717	12.677	33.379	.15354
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	90.280	.00462	.53963	.55503	.54990	-.00166
SDev	.00063	.154	.00025	.00022	.00108	.00065	.00206
%RSD	30.102	.17004	5.5031	.04041	.19461	.11781	124.35
#1	.00254	90.171	.00444	.53978	.55427	.54945	-.00312
#2	.00165	90.388	.00480	.53948	.55580	.55036	-.00020
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00704	-.00597	.00050	.06376	.00305	.00272	.16106
SDev	.00280	.00469	.00075	.00102	.00054	.00025	.00012
%RSD	39.759	78.530	149.16	1.5944	17.546	9.3136	.07274
#1	.00902	-.00929	-.00003	.06304	.00343	.00254	.16114
#2	.00506	-.00266	.00103	.06448	.00267	.00290	.16097
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00042	-.00035
SDev	.00012	.00033
%RSD	29.610	94.985
#1	.00050	-.00011
#2	.00033	-.00058

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4069	--	--	--	--	--	--
SDev	4.083645	--	--	--	--	--	--
%RSD	.1003707	--	--	--	--	--	--
#1	4071	--	--	--	--	--	--
#2	4066	--	--	--	--	--	--

Analysis Report 09/04/08 07:56:22 PM page 1

Method: TRACE2 Sample Name: AD849860 Operator: AH
Run Time: 09/04/08 19:51:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10820	-.00079	.01108	.01970	.00002	32.070	.00008
SDev	.00509	.00145	.00015	.00000	.00002	.074	.00010
%RSD	4.7016	183.84	1.3789	.01450	102.27	.23006	127.35
#1	.11180	.00024	.01119	.01970	.00004	32.018	.00015
#2	.10460	-.00181	.01097	.01970	.00001	32.122	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.00026	-.00056	.01537	1.5396	8.6910	.00244
SDev	.00028	.00001	.00014	.00718	.0053	.0268	.00002
%RSD	81.621	3.5433	25.619	46.720	.34422	.30853	.78589
#1	-.00054	-.00025	-.00046	.01029	1.5358	8.7100	.00246
#2	-.00015	-.00027	-.00066	.02045	1.5433	8.6721	.00243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	14.178	.00209	-.00092	.00090	.00030	.00122
SDev	.00030	.023	.00027	.00195	.00014	.00074	.00333
%RSD	204.39	.15961	12.823	210.83	15.006	250.34	272.14
#1	-.00007	14.162	.00228	-.00230	.00081	-.00023	-.00113
#2	.00036	14.194	.00190	.00045	.00100	.00082	.00358
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.00217	.00075	.00029	.00332	.00039	.00201
SDev	.00048	.01136	.00068	.00016	.00078	.00012	.00018
%RSD	27.989	522.66	91.318	56.039	23.522	31.496	8.8256
#1	.00137	-.00586	.00123	.00040	.00388	.00030	.00188
#2	.00205	.01020	.00027	.00017	.00277	.00048	.00213
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00331	-.00073
SDev	.00011	.00018
%RSD	3.4693	24.721
#1	-.00339	-.00086
#2	-.00323	-.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4115	--	--	--	--	--	--
SDev	9.705110	--	--	--	--	--	--
%RSD	.2358349	--	--	--	--	--	--
#1	4108	--	--	--	--	--	--
#2	4122	--	--	--	--	--	--

Analysis Report QC Standard 09/04/08 08:03:15 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/04/08 19:57:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.581	.50642	.48860	.49948	.49228	24.978	.49174
SDev	.051	.00058	.00062	.00113	.00100	.048	.00046
%RSD	.20758	.11373	.12690	.22634	.20397	.19104	.09392
#1	24.617	.50601	.48904	.50028	.49299	25.011	.49206
#2	24.545	.50682	.48816	.49868	.49157	24.944	.49141
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49655	.49158	.49281	24.587	25.098	25.016	.49011
SDev	.00096	.00002	.00140	.023	.010	.014	.00085
%RSD	.19407	.00477	.28478	.09554	.04178	.05451	.17449
#1	.49723	.49157	.49380	24.604	25.091	25.026	.49072
#2	.49587	.49160	.49182	24.571	25.106	25.006	.48951
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49374	24.708	.49122	.49611	.50596	.50268	.50765
SDev	.00216	.002	.00119	.00053	.00041	.00010	.00086
%RSD	.43677	.00784	.24217	.10651	.08106	.01942	.16903
#1	.49222	24.707	.49207	.49648	.50567	.50261	.50825
#2	.49527	24.709	.49038	.49574	.50625	.50275	.50704
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50354	.49272	.51512	.50229	.48251	.50390	.49984
SDev	.00300	.00502	.00380	.00101	.00265	.00044	.00024
%RSD	.59589	1.0180	.73674	.20062	.55014	.08841	.04788
#1	.50142	.48917	.51780	.50301	.48439	.50421	.49967
#2	.50566	.49627	.51243	.50158	.48063	.50358	.50001
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50615	.49449
SDev	.00002	.00084
%RSD	.00435	.16900
#1	.50616	.49508
#2	.50613	.49390
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4066	--	--	--	--	--	--
SDev	2.598652	--	--	--	--	--	--
%RSD	.0639057	--	--	--	--	--	--
#1	4065	--	--	--	--	--	--
#2	4068	--	--	--	--	--	--

Analysis Report Blank Sample 09/04/08 08:08:39 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/04/08 20:03:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01739	-.00291	.00107	.00018	.00015	.01776	.00031
SDev	.00022	.00029	.00008	.00021	.00006	.00354	.00002
%RSD	1.2755	10.064	7.5617	117.98	42.505	19.921	4.8159
#1	.01724	-.00311	.00101	.00003	.00010	.01526	.00030
#2	.01755	-.00270	.00112	.00033	.00020	.02027	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00039	-.00097	.01718	.00521	.00364	.00010
SDev	.00022	.00011	.00018	.00000	.00243	.00212	.00001
%RSD	61.094	28.441	18.601	.00241	46.644	58.216	13.251
#1	.00053	.00047	-.00110	.01718	.00692	.00214	.00009
#2	.00021	.00031	-.00084	.01718	.00349	.00513	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.05678	.00012	.00052	-.00104	-.00052	-.00234
SDev	.00109	.02921	.00038	.00026	.00052	.00043	.00036
%RSD	65.925	51.443	315.03	50.006	50.438	83.653	15.582
#1	.00242	.03613	-.00015	.00070	-.00067	-.00021	-.00259
#2	.00088	.07744	.00039	.00033	-.00141	-.00083	-.00208
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00523	-.00285	-.00208	.00037	.00217	.00026	.00039
SDev	.00218	.00068	.00021	.00015	.00081	.00019	.00028
%RSD	41.623	23.758	9.9951	41.974	37.086	70.972	71.519
#1	.00677	-.00332	-.00223	.00026	.00274	.00013	.00059
#2	.00369	-.00237	-.00193	.00048	.00160	.00040	.00019
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00099	.00044
SDev	.00305	.00022
%RSD	307.95	50.678
#1	.00117	.00060
#2	-.00315	.00028
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4083	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0129894	--	--	--	--	--	--
#1	4083	--	--	--	--	--	--
#2	4082	--	--	--	--	--	--

METALS DIGESTION LOG
A8B21727 - 09/04/2008 SW8463 Total Soil 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/04/08	09:45	DAN	A08-A656	A8A65601	A	FS	AD850189	A	TM	0.4666	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A656	A8A65602	A	FS	AD850190	A	TM	0.4725	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A656	A8A65603	A	FS	AD850191	A	TM	0.4982	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A656	A8A65604	A	FS	AD850192	A	TM	0.5393	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A656	A8A65605	A	FS	AD850193	A	TM	0.5023	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A713	A8A71301	A	FS	AD850194	A	TM	0.5450	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/04/08	09:45	DAN	A08-A716	A8A71601	A	FS	AD850195	A	TM	0.5046	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A716	A8A71601MS	A	MS	AD850196	A	TM	0.4940	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A716	A8A71601SD	A	SD	AD850197	A	TM	0.5019	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A716	A8A71602	A	FS	AD850198	A	TM	0.4614	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/04/08	09:45	DAN	A08-A716	A8A71603	A	FS	AD850199	A	TM	0.5049	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/04/08	09:45	DAN	A08-A716	A8A71604	A	FS	AD850200	A	TM	0.4980	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/04/08	09:45	DAN		A8B2172701	A	CLPSL	AD850201	A	TM	0.5001	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	FINE
09/04/08	09:45	DAN		A8B2172702	A	MBLK	AD850202	A	TM	0.5000	50.00	WHITE	COLORLES	CLOUDY	CLR/FI	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .50 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .50 ml PER 50ML FIN VOL
3 - Ag MSL0506 (MDL3) .50 ml PER 50ML FIN VOL
4 - Sn MSL0508 (MDL3) .50 ml PER 50ML FIN VOL
SOIL SPIKE 4-MDL-18 LOT# D058-540 .5 gr PER 50ML FIN VOL
SILICON (IV) OXIDE 99.995% 17-MDL-14 LOT# B25P03
CONC. NITRIC ACID = 7-MDL-12
CONC. HCl ACID = 6-MDL-12
Hydrogen Peroxide = ANALYSIS W/O Sn 05-MDL-21, Sn ANALYSIS 04-MDL-16
HOT BLOCK TEMPERATURE = 115/F

3447/3648

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21727 - 09/04/2008 SW8463 Total Soil 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
		SAMPLE TEMPERATURE	=	97										
		BATCH ENDED	=	09/04/2008										
		DIGESTIVE CUP LOT	=	A803LS180										
		2 micron FILTERMATE	=	M70425756										

3448/3648

Color: Black Gray Red Yellow Blue Green Violet Colorless Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery) Medium (sand) Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21763 - 09/05/2008 SW8463 SOIL 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/05/08	09:45	JA	A08-A699	A8A69901	A	FS	AD850397	A	TM	0.4639	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	COARSE
09/05/08	09:45	JA	A08-A699	A8A69902	A	FS	AD850398	A	TM	0.4971	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	COARSE
09/05/08	09:45	JA	A08-A699	A8A69903	A	FS	AD850399	A	TM	0.4799	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
09/05/08	09:45	JA	A08-A707	A8A70701	A	FS	AD850400	A	TM	0.4685	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/05/08	09:45	JA	A08-A707	A8A70702	A	FS	AD850401	A	TM	0.5016	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/05/08	09:45	JA	A08-A707	A8A70703	A	FS	AD850402	A	TM	0.5296	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/05/08	09:45	JA	A08-A707	A8A70704	A	FS	AD850403	A	TM	0.5112	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/05/08	09:45	JA	A08-A707	A8A70705	A	FS	AD850404	A	TM	0.4902	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/05/08	09:45	JA	A08-A707	A8A70706	A	FS	AD850405	A	TM	0.5302	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	CLAY
09/05/08	09:45	JA	A08-A718	A8A71801	A	FS	AD850406	A	TM	0.4874	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A718	A8A71801MS	A	MS	AD850407	A	TM	0.4809	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A718	A8A71801SD	A	SD	AD850408	A	TM	0.5160	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A789	A8A78901	A	FS	AD850409	A	TM	0.5029	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A789	A8A78902	A	FS	AD850410	A	TM	0.4825	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A789	A8A78903	A	FS	AD850411	A	TM	0.4577	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A789	A8A78904	A	FS	AD850412	A	TM	0.4697	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA	A08-A789	A8A78905	A	FS	AD850413	A	TM	0.4633	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/05/08	09:45	JA		A8B2176301	A	CLPSL	AD850414	A	TM	0.4999	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	FINE
09/05/08	09:45	JA		A8B2176302	A	MBLK	AD850415	A	TM	0.5000	50.00	WHITE	COLORLES	CLOUDY	CLR/FI	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .50 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .50 ml PER 50ML FIN VOL
3 - Ag MSL0506 (MDL3) .50 ml PER 50ML FIN VOL
4 - Sn MSL0508 (MDL3) .50 ml PER 50ML FIN VOL
SOIL SPIKE 4-MDL-18 LOT# D058-540 .5 gr PER 50ML FIN VOL

3449/3648

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21763 - 09/05/2008 SW8463 SOIL 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur

SILICON (IV) OXIDE 99.995% 17-MDL-14 LOT# B25P03
CONC. NITRIC ACID = 7-MDL-12
CONC. HCl ACID = 6-MDL-12
Hydrogen Peroxide = ANALYSIS W/O Sn 05-MDL-21, Sn ANALYSIS 04-MDL-16
HOT BLOCK TEMPERATURE = F 115
SAMPLE TEMPERATURE = 96
BATCH ENDED = 09/05/2008
DIGESTIVE CUP LOT = A803LS180
2 micron FILTERMATE = M70425756

3450/3648

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery) Medium (sand) Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21435 - 08/29/2008 MC/SW TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
08/29/08	08:00	DAN	A08-A453	A8A45301	A	FS	AD849038	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A475	A8A47508	A	FS	AD849039	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A475	A8A47509	A	FS	AD849040	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A489	A8A48901	A	FS	AD849041	A	TM	50.00	50.00	BROWN	COLORLES	CLOUDY	CLEAR	NONE
08/29/08	08:00	DAN	A08-A499	A8A49901	A	FS	AD849042	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A499	A8A49902	A	FS	AD849043	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A499	A8A49903	A	FS	AD849044	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A499	A8A49903MS	A	MS	AD849045	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A499	A8A49903SD	A	SD	AD849046	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A499	A8A49904	A	FS	AD849047	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A501	A8A50101	A	FS	AD849048	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A503	A8A50301	A	FS	AD849049	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A503	A8A50302	A	FS	AD849050	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A503	A8A50304	A	FS	AD849051	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A503	A8A50305	A	FS	AD849052	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A505	A8A50501	A	FS	AD849053	A	TM	50.00	50.00	YELLOW	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A506	A8A50601	A	FS	AD849054	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A514	A8A51401	A	FS	AD849055	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A518	A8A51801	A	FS	AD849056	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A522	A8A52201	A	FS	AD849057	A	TM	50.00	50.00	ORANGE	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN	A08-A526	A8A52601	A	FS	AD849058	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN		A8B2143501	A	LFB	AD849059	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
08/29/08	08:00	DAN		A8B2143502	A	MBLK	AD849060	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3451/3648

METALS DIGESTION LOG
A8B21435 - 08/29/2008 MC/SW TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			2 - W2	07-MDL-06	(MDL3)	.25 ml PER 50ML	FIN VOL							
			3 - Ag	MSL0506	(MDL3)	.25 ml PER 50ML	FIN VOL							
			4 - Sn	MSL0508	(MDL3)	.25 ml PER 50ML	FIN VOL							

CONC. NITRIC ACID = 7-MDL-11
CONC. HCl ACID = 6-MDL-13
HOT BLOCK TEMPERATURE = 120/D
SAMPLE TEMPERATURE = 98
BATCH ENDED = 08/29/2008
DIGESTIVE CUP LOT = A803LS180

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3452/3648

METALS DIGESTION LOG
A8B21419 - 08/29/2008 SW8463 SOIL 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before	Color After	Clarity Before	Clarity After	Textur
08/29/08	10:00	DAN	A08-A475	A8A47501	A	FS	AD848900	A	TM	0.4550	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A475	A8A47502	A	FS	AD848901	A	TM	0.4676	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A475	A8A47503	A	FS	AD848902	A	TM	0.4623	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A475	A8A47504	A	FS	AD848903	A	TM	0.4750	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN	A08-A475	A8A47505	A	FS	AD848904	A	TM	0.5111	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A475	A8A47506	A	FS	AD848905	A	TM	0.4588	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN	A08-A475	A8A47507	A	FS	AD848906	A	TM	0.4629	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51901	A	FS	AD848907	A	TM	0.5021	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51902	A	FS	AD848908	A	TM	0.5216	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51903	A	FS	AD848909	A	TM	0.5197	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51903MS	A	MS	AD848910	A	TM	0.4511	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51903SD	A	SD	AD848911	A	TM	0.4972	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51904	A	FS	AD848912	A	TM	0.5211	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51905	A	FS	AD848913	A	TM	0.4821	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
08/29/08	10:00	DAN	A08-A519	A8A51906	A	FS	AD848914	A	TM	0.4606	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN	A08-A519	A8A51907	A	FS	AD848915	A	TM	0.4635	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN	A08-A519	A8A51908	A	FS	AD848916	A	TM	0.5171	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN	A08-A519	A8A51909	A	FS	AD848917	A	TM	0.4522	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN	A08-A519	A8A51910	A	FS	AD848918	A	TM	0.5164	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
08/29/08	10:00	DAN		A8B2141901	A	CLPSL	AD848919	A	TM	0.5002	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	FINE
08/29/08	10:00	DAN		A8B2141902	A	MBLK	AD848920	A	TM	0.5000	50.00	WHITE	COLORLES	CLOUDY	CLR/FI	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .50 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .50 ml PER 50ML FIN VOL
3 - Ag MSL0506 (MDL3) .50 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3453/3648

METALS DIGESTION LOG
A8B21419 - 08/29/2008 SW8463 SOIL 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur

4 - Sn MSL0508 (MDL3) .50 ml PER 50ML FIN VOL
SOIL SPIKE 4-MDL-18 LOT# D058-540 .5 gr PER 50ML FIN VOL
SILICON (IV) OXIDE 99.995% 17-MDL-14 LOT# B25P03
CONC. NITRIC ACID = 6-MDL-22
CONC. HCl ACID = 6-MDL-12
Hydrogen Peroxide = ANALYSIS W/O Sn 05-MDL-21, Sn ANALYSIS 04-MDL-16
HOT BLOCK TEMPERATURE = 115/F
SAMPLE TEMPERATURE = 97
BATCH ENDED = 08/29/2008
DIGESTIVE CUP LOT = A803LS180
2 micron FILTERMATE = M70425756

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3454/3648

METALS DIGESTION LOG
A8B21647 - 09/03/2008 SW8463 Total Soil 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/03/08	10:30	DAN	A08-A536	A8A53601	A	FS	AD849870	A	TM	0.5125	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	SAND
09/03/08	10:30	DAN	A08-A536	A8A53602	A	FS	AD849871	A	TM	0.4625	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A536	A8A53603	A	FS	AD849872	A	TM	0.5223	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61301	A	FS	AD849873	A	TM	0.4850	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61302	A	FS	AD849874	A	TM	0.4770	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61305	A	FS	AD849875	A	TM	0.4760	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61306	A	FS	AD849876	A	TM	0.4803	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61308	A	FS	AD849877	A	TM	0.4791	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61310	A	FS	AD849878	A	TM	0.5051	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61311	A	FS	AD849879	A	TM	0.4948	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61312	A	FS	AD849880	A	TM	0.4965	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61313	A	FS	AD849881	A	TM	0.4917	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61313MS	A	MS	AD849882	A	TM	0.5165	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61313SD	A	SD	AD849883	A	TM	0.5259	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61315	A	FS	AD849884	A	TM	0.4762	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61316	A	FS	AD849885	A	TM	0.5182	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A613	A8A61317	A	FS	AD849886	A	TM	0.4931	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	TOPSOI
09/03/08	10:30	DAN	A08-A629	A8A62903	A	FS	AD849887	A	TM	0.4973	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
09/03/08	10:30	DAN	A08-A629	A8A62904	A	FS	AD849888	A	TM	0.5229	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
09/03/08	10:30	DAN	A08-A629	A8A62905	A	FS	AD849889	A	TM	0.4937	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
09/03/08	10:30	DAN	A08-A634	A8A63401	A	FS	AD849890	A	TM	0.4679	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
09/03/08	10:30	DAN	A08-A634	A8A63402	A	FS	AD849891	A	TM	0.4747	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	MUD
09/03/08	10:30	DAN		A8B2164701	A	CLPSL	AD849892	A	TM	0.5001	50.00	BROWN	YELLOW	CLOUDY	CLR/FI	FINE
09/03/08	10:30	DAN		A8B2164702	A	MBLK	AD849893	A	TM	0.5000	50.00	WHITE	COLORLES	CLOUDY	CLR/FI	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

3455/3648

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21647 - 09/03/2008 SW8463 Total Soil 3050 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			A- 1 - W1	07-MDL-05	(MDL3) .50 ml PER 50ML FIN VOL									
			2 - W2	07-MDL-06	(MDL3) .50 ml PER 50ML FIN VOL									
			3 - Ag	MSL0506	(MDL3) .50 ml PER 50ML FIN VOL									
			4 - Sn	MSL0508	(MDL3) .50 ml PER 50ML FIN VOL									
			SOIL SPIKE 4-MDL-18 LOT# D058-540 .5 gr PER 50ML FIN VOL											
			SILICON (IV) OXIDE 99.995% 17-MDL-14 LOT# B25P03											
			CONC. NITRIC ACID = 7-MDL-12											
			CONC. HCl ACID = 6-MDL-12											
			Hydrogen Peroxide = ANALYSIS W/O Sn 05-MDL-21, Sn ANALYSIS 04-MDL-16											
			HOT BLOCK TEMPERATURE = 115/F											
			SAMPLE TEMPERATURE = 94											
			BATCH ENDED = 09/03/2008											
			DIGESTIVE CUP LOT = A803LS180											
			2 micron FILTERMATE = M70425756											

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3456/3648

METALS DIGESTION LOG
A8B21730 - 09/04/2008 MC/SW TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/04/08	09:15	DAN	A08-A407	A8A40705 *	A	FS	AD850203	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A521	A8A52105 *	A	FS	AD850204	A	TM	50.00	50.00	BROWN	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A521	A8A52112 *	A	FS	AD850205	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A690	A8A69001	A	FS	AD850206	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A690	A8A69002	A	FS	AD850207	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A705	A8A70501	A	FS	AD850208	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A705	A8A70502	A	FS	AD850209	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A713	A8A71302	A	FS	AD850210	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A714	A8A71401	A	FS	AD850211	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A714	A8A71402	A	FS	AD850212	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A714	A8A71404	A	FS	AD850213	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A714	A8A71407	A	FS	AD850214	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A714	A8A71407MD	A	MD	AD850215	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A714	A8A71407MS	A	MS	AD850216	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN	A08-A718	A8A71802	A	FS	AD850217	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN		A8B2173001	A	LFB	AD850218	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/04/08	09:15	DAN		A8B2173002	A	MBLK	AD850219	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0506 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0508 (MDL3) .25 ml PER 50ML FIN VOL
CONC. NITRIC ACID = 7-MDL-13
CONC. HCl ACID = 6-MDL-13
HOT BLOCK TEMPERATURE = 123/E

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3457/3648

METALS DIGESTION LOG
A8B21730 - 09/04/2008 MC/SW TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
		SAMPLE TEMPERATURE = 98												
		BATCH ENDED = 09/04/2008												
		DIGESTIVE CUP LOT = A803LS180												

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3458/3648

METALS DIGESTION LOG
A8B21615 - 09/03/2008 SW8463 TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before	Color After	Clarity Before	Clarity After	Textur
09/03/08	08:30	DAN	A08-A527	A8A52701	A	FS	AD849842	A	TM	50.00	50.00	COLORLES	COLORLES	CLOUDY	CLEAR	NONE
09/03/08	08:30	DAN	A08-A527	A8A52702	A	FS	AD849843	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52703	A	FS	AD849844	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLEAR	NONE
09/03/08	08:30	DAN	A08-A527	A8A52704	A	FS	AD849845	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52704MS	A	MS	AD849846	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52704SD	A	SD	AD849847	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52705	A	FS	AD849848	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52706	A	FS	AD849849	A	TM	50.00	50.00	COLORLES	COLORLES	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52707	A	FS	AD849850	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52708	A	FS	AD849851	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A527	A8A52709	A	FS	AD849852	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A551	A8A55101	A	FS	AD849853	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A551	A8A55102	A	FS	AD849854	A	TM	50.00	50.00	YELLOW	YELLOW	CLEAR	CLEAR	NONE
09/03/08	08:30	DAN	A08-A558	A8A55801	A	FS	AD849855	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	NONE
09/03/08	08:30	DAN	A08-A578	A8A57801	A	FS	AD849856	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/03/08	08:30	DAN	A08-A582	A8A58201	A	FS	AD849857	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/03/08	08:30	DAN	A08-A582	A8A58203	A	FS	AD849858	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/03/08	08:30	DAN	A08-A629	A8A62901	A	FS	AD849859	A	TM	50.00	50.00	COLORLES	COLORLES	CLOUDY	CLEAR	NONE
09/03/08	08:30	DAN	A08-A629	A8A62902	A	EB	AD849860	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/03/08	08:30	DAN	A08-A362	A8A36206 *	A	FS	AD849894	A	TM	50.00	50.00	BROWN	COLORLES	CLOUDY	CLEAR	NONE
09/03/08	08:30	DAN		A8B2161501	A	LFB	AD849861	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/03/08	08:30	DAN		A8B2161502	A	MBLK	AD849862	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .25 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3459/3648

METALS DIGESTION LOG
A8B21615 - 09/03/2008 SW8463 TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial V1 (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
		3 - Ag	MSL0506		(MDL3) .25 ml PER 50ML FIN VOL									
		4 - Sn	MSL0508		(MDL3) .25 ml PER 50ML FIN VOL									

CONC. NITRIC ACID = 7-MDL-11
CONC. HCl ACID = 6-MDL-13
HOT BLOCK TEMPERATURE = 123/E
SAMPLE TEMPERATURE = 97
BATCH ENDED = 09/03/2008
DIGESTIVE CUP LOT = A803LS180

3460/3648

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21586 - 09/02/2008 SW8463 HG SOIL S2 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/02/08	09:00	JA	A08-A475	A8A47501	A	FS	AD849513	A	MERCURY	0.5632	50.00					
09/02/08	09:00	JA	A08-A475	A8A47501MS	A	MS	AD849514	A	MERCURY	0.5590	50.00					
09/02/08	09:00	JA	A08-A475	A8A47501SD	A	SD	AD849515	A	MERCURY	0.5502	50.00					
09/02/08	09:00	JA	A08-A475	A8A47502	A	FS	AD849516	A	MERCURY	0.5844	50.00					
09/02/08	09:00	JA	A08-A475	A8A47503	A	FS	AD849517	A	MERCURY	0.5712	50.00					
09/02/08	09:00	JA	A08-A475	A8A47504	A	FS	AD849518	A	MERCURY	0.6417	50.00					
09/02/08	09:00	JA	A08-A475	A8A47505	A	FS	AD849519	A	MERCURY	0.5538	50.00					
09/02/08	09:00	JA	A08-A475	A8A47506	A	FS	AD849520	A	MERCURY	0.6180	50.00					
09/02/08	09:00	JA	A08-A475	A8A47507	A	FS	AD849521	A	MERCURY	0.6129	50.00					
09/02/08	09:00	JA	A08-A609	A8A60901	A	FS	AD849522	A	MERCURY	0.5900	50.00					
09/02/08	09:00	JA	A08-A609	A8A60902	A	FS	AD849523	A	MERCURY	0.6129	50.00					
09/02/08	09:00	JA	A08-A609	A8A60903	A	FS	AD849524	A	MERCURY	0.5786	50.00					
09/02/08	09:00	JA	A08-A609	A8A60904	A	FS	AD849525	A	MERCURY	0.6090	50.00					
09/02/08	09:00	JA	A08-A609	A8A60905	A	FS	AD849526	A	MERCURY	0.5328	50.00					
09/02/08	09:00	JA	A08-A609	A8A60906	A	FS	AD849527	A	MERCURY	0.5968	50.00					
09/02/08	09:00	JA	A08-A609	A8A60907	A	FS	AD849528	A	MERCURY	0.6033	50.00					
09/02/08	09:00	JA	A08-A609	A8A60908	A	FS	AD849529	A	MERCURY	0.5665	50.00					
09/02/08	09:00	JA	A08-A609	A8A60909	A	FS	AD849530	A	MERCURY	0.5633	50.00					
09/02/08	09:00	JA	A08-A629	A8A62903	A	FS	AD849531	A	MERCURY	0.5833	50.00					
09/02/08	09:00	JA	A08-A629	A8A62904	A	FS	AD849532	A	MERCURY	0.6120	50.00					
09/02/08	09:00	JA	A08-A629	A8A62905	A	FS	AD849533	A	MERCURY	0.6022	50.00					
09/02/08	09:00	JA		A8B2158601	A	LCS	AD849534	A	MERCURY	0.0320	50.00					
09/02/08	09:00	JA		A8B2158602	A	MBLK	AD849535	A	MERCURY	0.6000	50.00					

Comments: EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL 08-11-08 HGL5 2.0mL
08-11-08 HGL2 0.2mL 08-11-08 HGL6 2.5mL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3461/3648

METALS DIGESTION LOG
A8B21586 - 09/02/2008 SW8463 HG SOIL S2 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				08-11-08 HGL3 0.5mL			08-11-08 HGL7 5.0mL							
				08-11-08 HGL4 1.0mL										

MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-047-D
2.) Potassium Persulfate 8-006-R
3.) Potassium Permanganate 8-036-Q
4.) Stannous Chloride 8-038-U
5.) Hydroxylamine Hydrochloride 8-036-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# E12024
Conc. HCl Acid Mallinkrodt Lot# E50A13
Conc. Sulfuric Acid Mallinkrodt Lot# E49F06
Hot Block A Temp From Designated Cell: (96)°C
Hot Block B Temp From Designated Cell: (96)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A803LS180

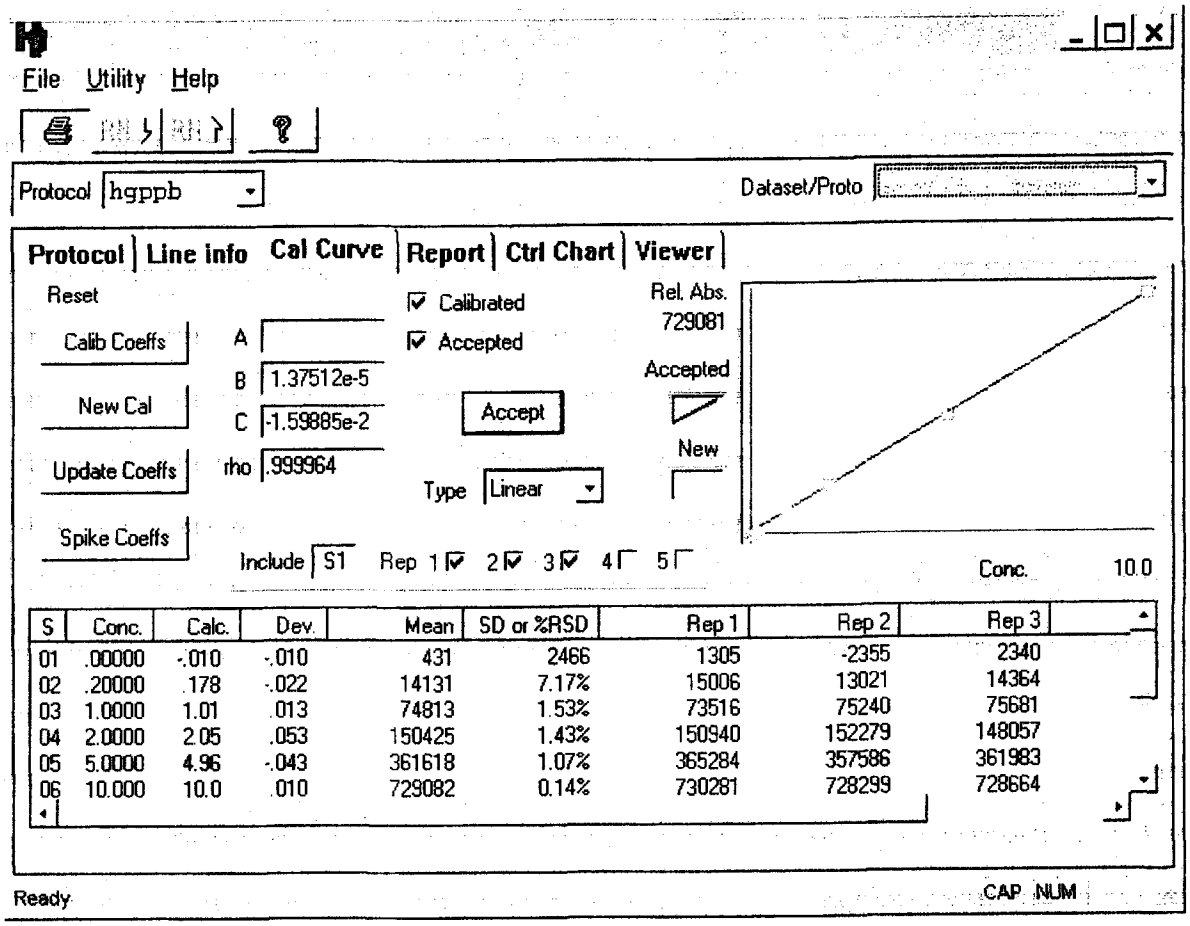
Color: Black Gray Red Yellow Blue Green Violet Colorless Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery) Medium (sand) Coarse (large crystals or rocks)

* Redigestion

3462/3648



U Curve
9-22
for 47-k

Folder: g09028s1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ICV Seq: 1 12:36:41 02 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.3	2.98	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 12:38:05 02 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.018	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 12:39:30 02 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	.205	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 4 12:41:05 02 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.01	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 12:42:31 02 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.048	.200	ppb	.000

*** Sample ID: AD849490 Seq: 6 12:44:04 02 Sep 08 HG

Hg	.587	ppb	.000	.587

*** Sample ID: AD849491 Seq: 7 12:45:26 02 Sep 08 HG

Hg	.461	ppb	.000	.461

*** Sample ID: AD849492 Seq: 8 12:47:00 02 Sep 08 HG

Hg	.322	ppb	.000	.322

*** Sample ID: AD849492L Seq: 9 12:48:40 02 Sep 08 HG
1:5

Hg	.076	ppb	.000	.076

*** Sample ID: AD849493 Seq: 10 12:50:05 02 Sep 08 HG
+4 PPB

Hg	4.37	ppb	.000	4.37

*** Sample ID: AD849494 Seq: 11 12:52:01 02 Sep 08 HG
+4 PPB

Hg	4.04	ppb	.000	4.04

*** Sample ID: AD849495 Seq: 12 12:53:53 02 Sep 08 HG

Hg	1.11	ppb	.000	1.11

*** Sample ID: AD849496 Seq: 13 12:55:25 02 Sep 08 HG

Hg	.360	ppb	.000	.360

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: AD849497				Seq: 14		12:57:07 02 Sep 08		HG	
Hg	.045	ppb	.000	.045					=
*** Sample ID: AD849498				Seq: 15		12:58:44 02 Sep 08		HG	
Hg	.968	ppb	.000	.968					=
*** Check Standard: 3 Ck3CCV				Seq: 16		13:00:16 02 Sep 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		100.	2.00	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 17		13:01:47 02 Sep 08		HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		.007	.200	ppb	.000				=
*** Sample ID: AD849499				Seq: 18		13:03:10 02 Sep 08		HG	
Hg	.580	ppb	.000	.580					=
*** Sample ID: AD849500				Seq: 19		13:04:31 02 Sep 08		HG	
Hg	1.28	ppb	.000	1.28					=
*** Sample ID: AD849501				Seq: 20		13:05:55 02 Sep 08		HG	
Hg	.712	ppb	.000	.712					=
*** Sample ID: AD849502				Seq: 21		13:07:25 02 Sep 08		HG	
Hg	.595	ppb	.000	.595					=
*** Sample ID: AD849503				Seq: 22		13:08:46 02 Sep 08		HG	
Hg	.267	ppb	.000	.267					=
*** Sample ID: AD849504				Seq: 23		13:10:09 02 Sep 08		HG	
Hg	1.32	ppb	.000	1.32					=
*** Sample ID: AD849505				Seq: 24		13:11:30 02 Sep 08		HG	
Hg	.618	ppb	.000	.618					=
*** Sample ID: AD849506				Seq: 25		13:12:53 02 Sep 08		HG	
Hg	3.57	ppb	.000	3.57					=
*** Sample ID: AD849507				Seq: 26		13:14:24 02 Sep 08		HG	
Hg	5.57	ppb	.000	5.57					=

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD849508              Seq:  27     13:15:46 02 Sep 08   HG

Hg    .386    ppb       .000      .386                                      =

*** Check Standard: 3  Ck3CCV        Seq:  28     13:17:18 02 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.    2.02    2.00  ppb         .000                          =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  29     13:19:09 02 Sep 08   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .005     .200    ppb         .000                              =

*** Check Standard: 3  Ck3CCV        Seq:  41     13:36:23 02 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          100.    2.01    2.00  ppb         .000                          =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  42     13:37:47 02 Sep 08   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.006     .200    ppb         .000                              =

*** Sample ID: AD849518              Seq:  43     13:39:13 02 Sep 08   HG

Hg    .124    ppb       .000      .124                                      =
===============================================================================
*** Sample ID: AD849519              Seq:  44     13:40:49 02 Sep 08   HG

Hg    5.64    ppb       .000     5.64                                       =
===============================================================================
*** Sample ID: AD849520              Seq:  45     13:42:17 02 Sep 08   HG

Hg    2.06    ppb       .000     2.06                                       =
===============================================================================
*** Sample ID: AD849521              Seq:  46     13:43:59 02 Sep 08   HG

Hg    .071    ppb       .000      .071                                      =
===============================================================================
*** Sample ID: AD849522              Seq:  47     13:45:25 02 Sep 08   HG

Hg    .441    ppb       .000      .441                                      =
===============================================================================
*** Sample ID: AD849523              Seq:  48     13:46:49 02 Sep 08   HG

Hg    .988    ppb       .000      .988                                      =
===============================================================================
*** Sample ID: AD849524              Seq:  49     13:49:16 02 Sep 08   HG

Hg    .127    ppb       .000      .127                                      =
===============================================================================
*** Sample ID: AD849525              Seq:  50     13:50:57 02 Sep 08   HG

Hg    .048    ppb       .000      .048                                      =
===============================================================================
```

```
Line   Conc.  Units     SD/RSD      1        2        3        4        5
-------------------------------------------------------------------------

*** Sample ID: AD849526              Seq:  51     13:52:43 02 Sep 08   HG

Hg    .093    ppb       .000       .093                                  =
==========================================================================
*** Sample ID: AD849527              Seq:  52     13:54:07 02 Sep 08   HG

Hg    .511    ppb       .000       .511                                  =

*** Check Standard: 3  Ck3CCV        Seq:  53     13:56:20 02 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.     2.02    2.00  ppb         .000                      =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  54     13:58:11 02 Sep 08   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .019     .200    ppb         .000                            =

*** Sample ID: AD849528              Seq:  55     13:59:43 02 Sep 08   HG

Hg    .232    ppb       .000       .232                                  =
==========================================================================
*** Sample ID: AD849529              Seq:  56     14:01:24 02 Sep 08   HG

Hg    .104    ppb       .000       .104                                  =
==========================================================================
*** Sample ID: AD849530              Seq:  57     14:02:51 02 Sep 08   HG

Hg    2.11    ppb       .000       2.11                                  =
==========================================================================
*** Sample ID: AD849531              Seq:  58     14:04:13 02 Sep 08   HG

Hg    3.09    ppb       .000       3.09                                  =
==========================================================================
*** Sample ID: AD849533              Seq:  59     14:05:37 02 Sep 08   HG

Hg    4.48    ppb       .000       4.48                                  =
==========================================================================
*** Sample ID: AD849534              Seq:  60     14:07:28 02 Sep 08   HG
 SPIKED
Hg    4.41    ppb       .000       4.41                                  =

*** %Rec.  ID: AD849534              Seq:  61     14:07:28 02 Sep 08   HG
                      Spikes =1  Unspiked =0
      Spike             %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    4.00    ppb       110.      .000    .000      4.41    .000          =

*** Sample ID: AD849535              Seq:  62     14:09:04 02 Sep 08   HG

Hg   -.038    ppb       .000      -.038                                  =

*** Check Standard: 4  Ck4CRA        Seq:  63     14:10:27 02 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          105.     .210    .200  ppb         .000                      =
```

Folder: g09028s1 Page 5
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3CCV Seq: 64 14:11:49 02 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	2.00	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 65 14:13:14 02 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.002	.200	ppb	.000

*** Sample ID: AD849509 Seq: 66 14:14:38 02 Sep 08 HG

Hg	.384	ppb	.000	.384

*** Sample ID: AD849510 Seq: 67 14:15:59 02 Sep 08 HG

Hg	.721	ppb	.000	.721

*** Sample ID: AD849511 Seq: 68 14:17:43 02 Sep 08 HG
SPIKED

Hg	3.70	ppb	.000	3.70

*** %Rec. ID: AD849511 Seq: 69 14:17:43 02 Sep 08 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	4.00	ppb	92.4	.000	.000	3.70	.000

*** Sample ID: AD849512 Seq: 70 14:19:06 02 Sep 08 HG

Hg	-.018	ppb	.000	-.018

*** Sample ID: AD849513 Seq: 71 14:20:39 02 Sep 08 HG

Hg	.491	ppb	.000	.491

*** Sample ID: AD849513L Seq: 73 14:24:11 02 Sep 08 HG
1:5

Hg	.098	ppb	.000	.098

*** Sample ID: AD849514 Seq: 74 14:26:01 02 Sep 08 HG
+4 PPB

Hg	4.73	ppb	.000	4.73

*** Sample ID: AD849515 Seq: 75 14:27:24 02 Sep 08 HG
+4 PPB

Hg	4.66	ppb	.000	4.66

*** Sample ID: AD849516 Seq: 76 14:28:52 02 Sep 08 HG

Hg	39.5	ppb	.000	39.5

*** Sample ID: AD849517 Seq: 77 14:31:04 02 Sep 08 HG

Hg	1.60	ppb	.000	1.60

Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 3 Ck3CCV Seq: 78 14:32:49 02 Sep 08 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 100. 2.00 2.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 79 14:34:10 02 Sep 08 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.036 .200 ppb .000

*** Sample ID: AD849516 Seq: 80 14:35:31 02 Sep 08 HG
1:20
Hg 2.26 ppb .000 2.26

*** Check Standard: 4 Ck4CRA Seq: 81 14:37:16 02 Sep 08 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 83.6 .167 .200 ppb .000

*** Check Standard: 3 Ck3CCV Seq: 82 14:38:49 02 Sep 08 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 2.02 2.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 83 14:40:10 02 Sep 08 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.008 .200 ppb .000

METALS DIGESTION LOG
A8B21700 - 09/04/2008 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/04/08	12:30	MM	A08-A591	A8A59101	A	FS	AD850251	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A591	A8A59102	A	FS	AD850252	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59501	A	FS	AD850253	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59502	A	FS	AD850254	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59502MS	A	MS	AD850255	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59502SD	A	SD	AD850256	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59503	A	FS	AD850257	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59504	A	FS	AD850258	A	MERCURY	5.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59505	A	FS	AD850259	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59506	A	FS	AD850260	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59507	A	FS	AD850261	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59508	A	FS	AD850262	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A595	A8A59509	A	FS	AD850263	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A629	A8A62901	A	FS	AD850264	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A629	A8A62902	A	EB	AD850265	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A675	A8A67502	A	FS	AD850266	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A675	A8A67505	A	FS	AD850267	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A678	A8A67801	A	FS	AD850268	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A713	A8A71302	A	FS	AD850269	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM	A08-A718	A8A71802	A	FS	AD850270	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM		A8B2170001	A	LCS	AD850271	A	MERCURY	30.00	50.00					
09/04/08	12:30	MM		A8B2170002	A	MBLK	AD850272	A	MERCURY	30.00	50.00					

Comments: Sample A8A59504 was digested at a reduced initial volume due to high reactivity with KMnO4.

The batch was digested using an additional 5mL (2x) potassium permanganate (KMnO4) due to high consumption by some samples.

EPPENDORFS USED TO ADD SPIKES:

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Rediegestion

3470/3648

METALS DIGESTION LOG
A8B21700 - 09/04/2008 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL
08-11-08 HGL2 0.2mL
08-11-08 HGL3 0.5mL
08-11-08 HGL4 1.0mL
08-11-08 HGL5 2.0mL
08-11-08 HGL6 2.5mL
08-11-08 HGL7 5.0mL
MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-051-D
2.) Potassium Persulfate 8-006-R
3.) Potassium Permanganate 8-036-Q
4.) Stannous Chloride 8-038-U
5.) Hydroxylamine Hydrochloride 8-036-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# E50A13
Conc. Sulfuric Acid Mallinkrodt Lot# E49F06
Hot Block A Temp From Designated Cell: (95) °C
Hot Block B Temp From Designated Cell: (94) °C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A803LS180

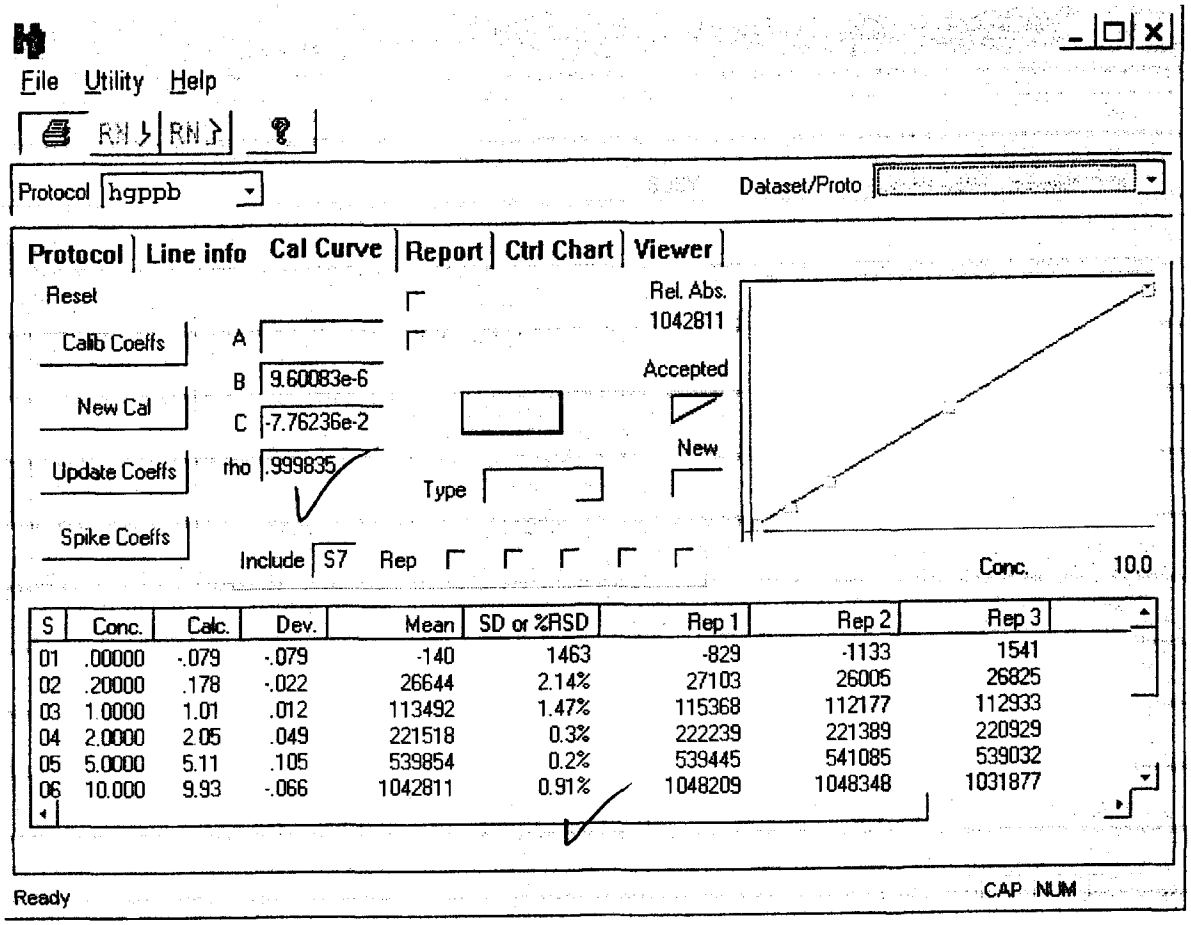
Color: Black Gray Red Yellow Blue Green Violet Colorless Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery) Medium (sand) Coarse (large crystals or rocks)

* Redigestion

3471/3648



9-4-2008

L1 (APM)

G090408W1

S-051-K

-E
-F
-G
-H
-I

Folder: G09048W1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

8-051-J

*** Check Standard: 2 Ck2ICV Seq: 1 15:05:26 04 Sep 08 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. ✓ 3.04 3.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 15:06:47 04 Sep 08 HG
-K Line Flag Found Range(+/-) Units SD/RSD
Hg -.049 ✓ .200 ppb .000

*** Check Standard: 4 Ck4CRA Seq: 3 15:08:07 04 Sep 08 HG
-L Line Flag %Rcv. Found True Units SD/RSD
Hg 89.7 ✓ .179 .200 ppb .000

*** Check Standard: 3 Ck3CCV Seq: 4 15:09:51 04 Sep 08 HG
-M Line Flag %Rcv. Found True Units SD/RSD
Hg 101. ✓ 2.01 2.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 15:11:11 04 Sep 08 HG
-K Line Flag Found Range(+/-) Units SD/RSD
Hg -.133 ✓ .200 ppb .000
Rerun for GE02 QAPP 9/4/08 mn

*** Check Standard: 1 Ck1ICB/CCB Seq: 6 15:13:32 04 Sep 08 HG
Line Flag Found Range(+/-) Units SD/RSD
-K Hg -.042 ✓ .200 ppb .000

*** Sample ID: AD850251 Seq: 7 15:14:58 04 Sep 08 HG

Hg -.045 ppb .000 -.045

==========

*** Sample ID: AD850252 Seq: 8 15:16:18 04 Sep 08 HG

Hg .199 ppb .000 .199 =

==========

*** Sample ID: AD850253 Seq: 9 15:17:38 04 Sep 08 HG

Hg .028 ppb .000 .028 =

==========

*** Sample ID: AD850254 Seq: 10 15:19:12 04 Sep 08 HG

Hg -.082 ppb .000 -.082 =

==========

*** Sample ID: AD850254L Seq: 11 15:20:31 04 Sep 08 HG
1:5
Hg -.010 ppb .000 -.010 =

==========

*** Sample ID: AD850255 Seq: 12 15:22:17 04 Sep 08 HG
+4 PPB
Hg 3.72 ppb .000 3.72 =

==========

*** Sample ID: AD850256 Seq: 13 15:23:59 04 Sep 08 HG
+4 PPB
Hg 3.69 ppb .000 3.69 =

==========

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: AD850257				Seq: 14	15:25:20 04 Sep 08	HG			
Hg	-.040	ppb	.000	-.040					=
*** Sample ID: AD850258				Seq: 15	15:26:46 04 Sep 08	HG			
Hg	-.056	ppb	.000	-.056					=
*** Sample ID: AD850259				Seq: 16	15:28:13 04 Sep 08	HG			
Hg	-.073	ppb	.000	-.073					=
*** Check Standard: 3 Ck3CCV				Seq: 17	15:29:58 04 Sep 08	HG			
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101. ✓	2.02	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18	15:31:41 04 Sep 08	HG			
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.067 ✓	.200	ppb	.000				=
*** Sample ID: AD850260				Seq: 19	15:33:05 04 Sep 08	HG			
Hg	-.002	ppb	.000	-.002					=
*** Sample ID: AD850261				Seq: 20	15:34:36 04 Sep 08	HG			
Hg	-.041	ppb	.000	-.041					=
*** Sample ID: AD850262				Seq: 21	15:36:19 04 Sep 08	HG			
Hg	-.059	ppb	.000	-.059					=
*** Sample ID: AD850263				Seq: 22	15:37:39 04 Sep 08	HG			
Hg	-.058	ppb	.000	-.058					=
*** Sample ID: AD850264				Seq: 23	15:38:59 04 Sep 08	HG			
Hg	.023	ppb	.000	.023					=
*** Sample ID: AD850265				Seq: 24	15:40:44 04 Sep 08	HG			
Hg	-.063	ppb	.000	-.063					=
*** Sample ID: AD850266				Seq: 25	15:42:16 04 Sep 08	HG			
Hg	-.064	ppb	.000	-.064					=
*** Sample ID: AD850267				Seq: 26	15:43:57 04 Sep 08	HG			
Hg	-.081	ppb	.000	-.081					=

Folder: G09048W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD850268 Seq: 27 15:45:20 04 Sep 08 HG

Hg -.055 ppb .000 -.055 =

*** Sample ID: AD850269 Seq: 28 15:46:57 04 Sep 08 HG

Hg -.051 ppb .000 -.051 =

*** Check Standard: 3 Ck3CCV Seq: 29 15:48:30 04 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	2.00	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 30 15:50:31 04 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.063	.200	ppb	.000

=

*** Sample ID: AD850270 Seq: 31 15:51:52 04 Sep 08 HG

Hg -.041 ppb .000 -.041 =

*** Sample ID: AD850271 Seq: 32 15:53:14 04 Sep 08 HG
SPIKED

Hg 1.90 ppb .000 1.90 =

*** %Rec. ID: AD850271 Seq: 33 15:53:14 04 Sep 08 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	95.1	.000	.000	1.90	.000	=

*** Sample ID: AD850272 Seq: 34 15:54:38 04 Sep 08 HG

Hg -.054 ppb .000 -.054 =

*** Check Standard: 4 Ck4CRA Seq: 35 15:56:01 04 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		80.7	.161	.200	ppb	.000

=

*** Check Standard: 3 Ck3CCV Seq: 36 15:57:26 04 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.5	1.99	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 37 15:58:46 04 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.066	.200	ppb	.000

=

METALS DIGESTION LOG
A8B21400 - 08/28/2008 SW/MC Totla Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
08/28/08	16:00	MM	A08-A407	A8A40721	A	FS	AD848823	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A407	A8A40722	A	FS	AD848824	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A407	A8A40723	A	FS	AD848825	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A407	A8A40724	A	FS	AD848826	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A407	A8A40725	A	FS	AD848827	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A408	A8A40801	A	FS	AD848828	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A408	A8A40802	A	FS	AD848829	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A408	A8A40803	A	FS	AD848830	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A408	A8A40804	A	FS	AD848831	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A433	A8A43301	A	FS	AD848832	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A433	A8A43302	A	FS	AD848833	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A444	A8A44401	A	FS	AD848834	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A444	A8A44402	A	FS	AD848835	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A444	A8A44402MS	A	MS	AD848836	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A444	A8A44402SD	A	SD	AD848837	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A444	A8A44403	A	FS	AD848838	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A453	A8A45301	A	FS	AD848839	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A459	A8A45901	A	FS	AD848840	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A462	A8A46201	A	FS	AD848841	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A475	A8A47508	A	FS	AD848842	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A475	A8A47509	A	FS	AD848843	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM	A08-A485	A8A48501	A	FS	AD848844	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM		A8B2140001	A	LCS	AD848845	A	MERCURY	30.00	50.00					
08/28/08	16:00	MM		A8B2140002	A	MBLK	AD848846	A	MERCURY	30.00	50.00					

Comments: EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL 08-11-08 HGL5 2.0mL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B21400 - 08/28/2008 SW/MC Totla Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

08-11-08 HGL2 0.2mL
08-11-08 HGL3 0.5mL
08-11-08 HGL4 1.0mL
08-11-08 HGL6 2.5mL
08-11-08 HGL7 5.0mL

MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-043-D
2.) Potassium Persulfate 8-006-R
3.) Potassium Permanganate 8-036-Q
4.) Stannous Chloride 8-038-U
5.) Hydroxylamine Hydrochloride 8-004-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# E12024
Conc. HCl Acid Mallinkrodt Lot# E50A13
Conc. Sulfuric Acid Mallinkrodt Lot# E49F06
Hot Block A Temp From Designated Cell: (95)°C
Hot Block B Temp From Designated Cell: (96)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A803LS180

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

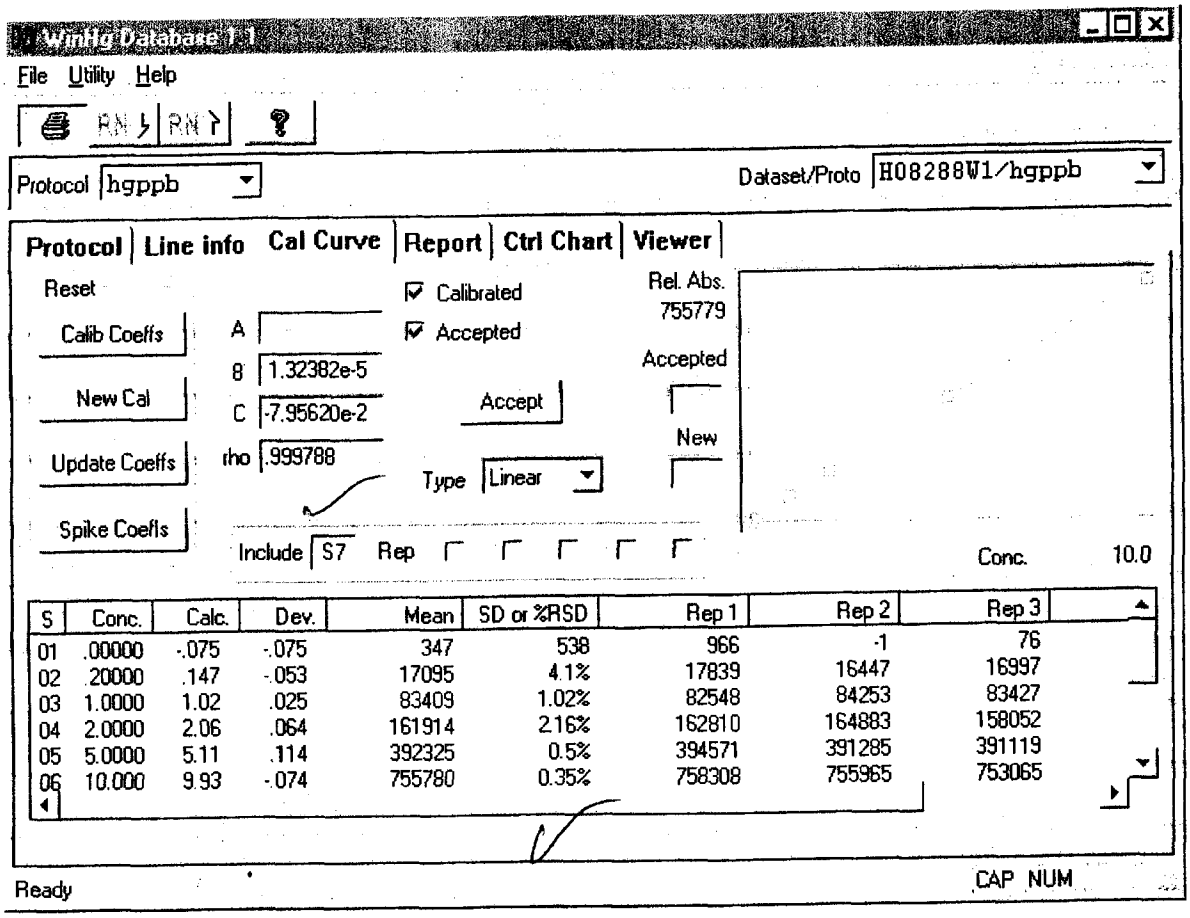
Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3477/3648

8-28-2008
L2 (mm)
H08288W1



8-043-15
-E
-F
-G
-H
-I

Folder: H08288W1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ICV Seq: 1 18:28:39 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	3.10	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 18:30:05 28 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.049	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 18:32:05 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		71.7	.143	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 4 18:34:01 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		72.5	.145	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 5 18:35:27 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.03	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 6 18:37:03 28 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.065	.200	ppb	.000

*** Sample ID: AD848847 Seq: 7 18:38:31 28 Aug 08 HG

Hg	-.060	ppb	.000	-.060

*** Sample ID: AD848847L Seq: 8 18:40:05 28 Aug 08 HG

1:5

Hg	-.061	ppb	.000	-.061

*** Sample ID: AD848848 Seq: 9 18:41:32 28 Aug 08 HG

+4 PPB

Hg	4.19	ppb	.000	4.19

*** Sample ID: AD848849 Seq: 10 18:43:08 28 Aug 08 HG

+4 PPB

Hg	4.13	ppb	.000	4.13

*** Sample ID: AD848850 Seq: 11 18:44:34 28 Aug 08 HG

Hg	-.099	ppb	.000	-.099

*** Sample ID: AD848851 Seq: 12 18:46:01 28 Aug 08 HG

Hg	-.056	ppb	.000	-.056

*** Sample ID: AD848852 Seq: 13 18:47:38 28 Aug 08 HG

Hg	-.062	ppb	.000	-.062

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD848853				Seq: 14	18:49:13 28 Aug 08	HG		
Hg	-.061	ppb	.000	-.061				
*** Sample ID: AD848854				Seq: 15	18:50:50 28 Aug 08	HG		
Hg	-.051	ppb	.000	-.051				
*** Sample ID: AD848855				Seq: 16	18:52:27 28 Aug 08	HG		
Hg	-.080	ppb	.000	-.080				
*** Check Standard: 3 Ck3CCV				Seq: 17	18:54:38 28 Aug 08	HG		

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.05	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 18 18:56:03 28 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.073	.200	ppb	.000

*** Sample ID: AD848856				Seq: 19	18:57:44 28 Aug 08	HG		
Hg	-.095	ppb	.000	-.095				
*** Sample ID: AD848857				Seq: 20	18:59:22 28 Aug 08	HG		
Hg	-.041	ppb	.000	-.041				
*** Sample ID: AD848858				Seq: 21	19:00:49 28 Aug 08	HG		
Hg	-.081	ppb	.000	-.081				
*** Sample ID: AD848859				Seq: 22	19:02:36 28 Aug 08	HG		
Hg	-.076	ppb	.000	-.076				
*** Sample ID: AD848860				Seq: 23	19:04:31 28 Aug 08	HG		
Hg	-.059	ppb	.000	-.059				
*** Sample ID: AD848861				Seq: 24	19:06:11 28 Aug 08	HG		
Hg	-.081	ppb	.000	-.081				
*** Sample ID: AD848862				Seq: 25	19:07:39 28 Aug 08	HG		
Hg	-.069	ppb	.000	-.069				
*** Sample ID: AD848863				Seq: 26	19:09:06 28 Aug 08	HG		
Hg	-.044	ppb	.000	-.044				

```
Line   Conc.  Units     SD/RSD      1        2        3        4        5
-------------------------------------------------------------------------

*** Sample ID: AD848864              Seq:  27     19:10:54 28 Aug 08   HG

Hg   -.067    ppb       .000     -.067                                    =
==========================================================================
*** Sample ID: AD848865              Seq:  28     19:12:30 28 Aug 08   HG

Hg   -.072    ppb       .000     -.072                                    =

*** Check Standard: 3  Ck3CCV        Seq:  29     19:14:00 28 Aug 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          103.     2.05    2.00  ppb         .000                       =

*** Check Standard: 1  Ck1ICB/CCB    Seq:  30     19:15:25 28 Aug 08   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.098     .200     ppb         .000                            =

*** Sample ID: AD848866              Seq:  31     19:16:51 28 Aug 08   HG

Hg   -.078    ppb       .000     -.078                                    =
==========================================================================
*** Sample ID: AD848867              Seq:  32     19:18:28 28 Aug 08   HG

Hg   -.074    ppb       .000     -.074                                    =
==========================================================================
*** Sample ID: AD848868              Seq:  33     19:19:54 28 Aug 08   HG
 SPIKED
Hg    2.08    ppb       .000      2.08                                    =

*** %Rec.  ID: AD848868              Seq:  34     19:19:54 28 Aug 08   HG
                       Spikes =1  Unspiked =0
      Spike             %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb        104.     .000    .000      2.08    .000           =

*** Sample ID: AD848869              Seq:  35     19:21:19 28 Aug 08   HG

Hg   -.083    ppb       .000     -.083                                    =
==========================================================================
*** Sample ID: AD848823              Seq:  36     19:22:45 28 Aug 08   HG

Hg   -.080    ppb       .000     -.080                                    =
==========================================================================
*** Sample ID: AD848824              Seq:  37     19:24:16 28 Aug 08   HG

Hg   -.059    ppb       .000     -.059                                    =
==========================================================================
*** Sample ID: AD848825              Seq:  38     19:25:44 28 Aug 08   HG

Hg   -.059    ppb       .000     -.059                                    =
==========================================================================
*** Sample ID: AD848826              Seq:  39     19:27:11 28 Aug 08   HG

Hg   -.052    ppb       .000     -.052                                    =
==========================================================================
```

Folder: H08288W1 Page 4
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD848827 Seq: 40 19:28:37 28 Aug 08 HG

Hg -.033 ppb .000 -.033

=

*** Sample ID: AD848828 Seq: 41 19:30:05 28 Aug 08 HG

Hg -.049 ppb .000 -.049

=

*** Check Standard: 3 Ck3CCV Seq: 42 19:31:34 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.06	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 43 19:33:02 28 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.059	.200	ppb	.000

=

*** Sample ID: AD848829 Seq: 44 19:35:18 28 Aug 08 HG

Hg -.071 ppb .000 -.071

=

*** Sample ID: AD848830 Seq: 45 19:36:44 28 Aug 08 HG

Hg -.069 ppb .000 -.069

=

*** Sample ID: AD848831 Seq: 46 19:38:23 28 Aug 08 HG

Hg -.074 ppb .000 -.074

=

*** Sample ID: AD848832 Seq: 47 19:40:12 28 Aug 08 HG

Hg -.082 ppb .000 -.082

=

*** Sample ID: AD848833 Seq: 48 19:41:48 28 Aug 08 HG

Hg -.064 ppb .000 -.064

=

*** Sample ID: AD848834 Seq: 49 19:43:35 28 Aug 08 HG

Hg -.065 ppb .000 -.065

=

*** Sample ID: AD848835 Seq: 50 19:45:41 28 Aug 08 HG

Hg -.078 ppb .000 -.078

=

*** Sample ID: AD848835L Seq: 51 19:47:18 28 Aug 08 HG

1:5

Hg -.066 ppb .000 -.066

=

*** Sample ID: AD848836 Seq: 52 19:49:24 28 Aug 08 HG

+4 PPB

Hg 4.03 ppb .000 4.03

=

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID: AD848837              Seq:  53     19:50:55 28 Aug 08   HG
                          +4 PPB
Hg    3.90    ppb       .000      3.90                                      =

*** Check Standard: 3  Ck3CCV       Seq:  54     19:52:27 28 Aug 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          100.    2.00    2.00  ppb         .000                         =

*** Check Standard: 1  Ck1ICB/CCB   Seq:  55     19:54:36 28 Aug 08   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.062     .200     ppb        .000                              =

*** Sample ID: AD848838              Seq:  56     19:56:07 28 Aug 08   HG

Hg   -.078    ppb       .000     -.078                                     =
===============================================================================
*** Sample ID: AD848839              Seq:  57     19:57:48 28 Aug 08   HG

Hg   -.059    ppb       .000     -.059                                     =
===============================================================================
*** Sample ID: AD848840              Seq:  58     19:59:26 28 Aug 08   HG

Hg   -.031    ppb       .000     -.031                                     =
===============================================================================
*** Sample ID: AD848841              Seq:  59     20:01:05 28 Aug 08   HG

Hg   -.060    ppb       .000     -.060                                     =
===============================================================================
*** Sample ID: AD848842              Seq:  60     20:02:32 28 Aug 08   HG

Hg   -.064    ppb       .000     -.064                                     =
===============================================================================
*** Sample ID: AD848843              Seq:  61     20:04:03 28 Aug 08   HG

Hg   -.064    ppb       .000     -.064                                     =
===============================================================================
*** Sample ID: AD848844              Seq:  62     20:05:31 28 Aug 08   HG

Hg   -.054    ppb       .000     -.054                                     =
===============================================================================
*** Sample ID: AD848845              Seq:  63     20:06:57 28 Aug 08   HG
 SPIKED
Hg    1.95    ppb       .000      1.95                                      =

*** %Rec.  ID: AD848845              Seq:  64     20:06:57 28 Aug 08   HG
                        Spikes =1  Unspiked =0
      Spike              %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb        97.7     .000     .000      1.95     .000           =

*** Sample ID: AD848846              Seq:  65     20:08:38 28 Aug 08   HG

Hg   -.069    ppb       .000     -.069                                     =
```

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 4 Ck4CRA Seq: 66 20:10:16 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		74.4	.149	.200	ppb	.000

=

*** Check Standard: 3 Ck3CCV Seq: 67 20:11:41 28 Aug 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.04	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 68 20:13:21 28 Aug 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.060	.200	ppb	.000

=

METALS DIGESTION LOG
A8B21809 - 09/05/2008 SW8463 Total Hg Soil S1 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/05/08	11:30	MM	A08-A699	A8A69901	A	FS	AD850416	A	MERCURY	0.5909	50.00					
09/05/08	11:30	MM	A08-A699	A8A69902	A	FS	AD850417	A	MERCURY	0.5851	50.00					
09/05/08	11:30	MM	A08-A699	A8A69903	A	FS	AD850418	A	MERCURY	0.6420	50.00					
09/05/08	11:30	MM	A08-A713	A8A71301	A	FS	AD850419	A	MERCURY	0.5932	50.00					
09/05/08	11:30	MM	A08-A716	A8A71601	A	FS	AD850420	A	MERCURY	0.5870	50.00					
09/05/08	11:30	MM	A08-A716	A8A71601MS	A	MS	AD850421	A	MERCURY	0.5948	50.00					
09/05/08	11:30	MM	A08-A716	A8A71601SD	A	SD	AD850422	A	MERCURY	0.6148	50.00					
09/05/08	11:30	MM	A08-A716	A8A71602	A	FS	AD850423	A	MERCURY	0.5961	50.00					
09/05/08	11:30	MM	A08-A716	A8A71603	A	FS	AD850424	A	MERCURY	0.6339	50.00					
09/05/08	11:30	MM	A08-A716	A8A71604	A	FS	AD850425	A	MERCURY	0.6071	50.00					
09/05/08	11:30	MM	A08-A718	A8A71801	A	FS	AD850426	A	MERCURY	0.6208	50.00					
09/05/08	11:30	MM	A08-A718	A8A71801MS	A	MS	AD850427	A	MERCURY	0.6334	50.00					
09/05/08	11:30	MM	A08-A718	A8A71801SD	A	SD	AD850428	A	MERCURY	0.6331	50.00					
09/05/08	11:30	MM	A08-A750	A8A75001	A	FS	AD850429	A	MERCURY	0.6180	50.00					
09/05/08	11:30	MM	A08-A785	A8A78501	A	FS	AD850430	A	MERCURY	0.5977	50.00					
09/05/08	11:30	MM	A08-A785	A8A78502	A	FS	AD850431	A	MERCURY	0.5848	50.00					
09/05/08	11:30	MM	A08-A789	A8A78901	A	FS	AD850432	A	MERCURY	0.6357	50.00					
09/05/08	11:30	MM	A08-A789	A8A78902	A	FS	AD850433	A	MERCURY	0.6177	50.00					
09/05/08	11:30	MM	A08-A789	A8A78903	A	FS	AD850434	A	MERCURY	0.6025	50.00					
09/05/08	11:30	MM	A08-A789	A8A78904	A	FS	AD850435	A	MERCURY	0.6305	50.00					
09/05/08	11:30	MM	A08-A789	A8A78905	A	FS	AD850436	A	MERCURY	0.6140	50.00					
09/05/08	11:30	MM		A8B2180901	A	LCS	AD850437	A	MERCURY	0.0323	50.00					
09/05/08	11:30	MM		A8B2180902	A	MBLK	AD850438	A	MERCURY	0.6000	50.00					

Comments: EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL 08-11-08 HGL5 2.0mL
08-11-08 HGL2 0.2mL 08-11-08 HGL6 2.5mL

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

3485/3648

METALS DIGESTION LOG
A8B21809 - 09/05/2008 SW8463 Total Hg Soil S1 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				08-11-08 HGL3 0.5mL			08-11-08 HGL7 5.0mL							
				08-11-08 HGL4 1.0mL										

MERCURY BATCH ADDITIONS:

1.) Hg LCS/MS/SD (W) 8-053-D
2.) Potassium Persulfate 8-006-R
3.) Potassium Permanganate 8-036-Q
4.) Stannous Chloride 8-038-U
5.) Hydroxylamine Hydrochloride 8-036-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# E50A13
Conc. Sulfuric Acid Mallinkrodt Lot# E49F06
Hot Block A Temp From Designated Cell: (96)°C
Hot Block B Temp From Designated Cell: (97)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A803LS180

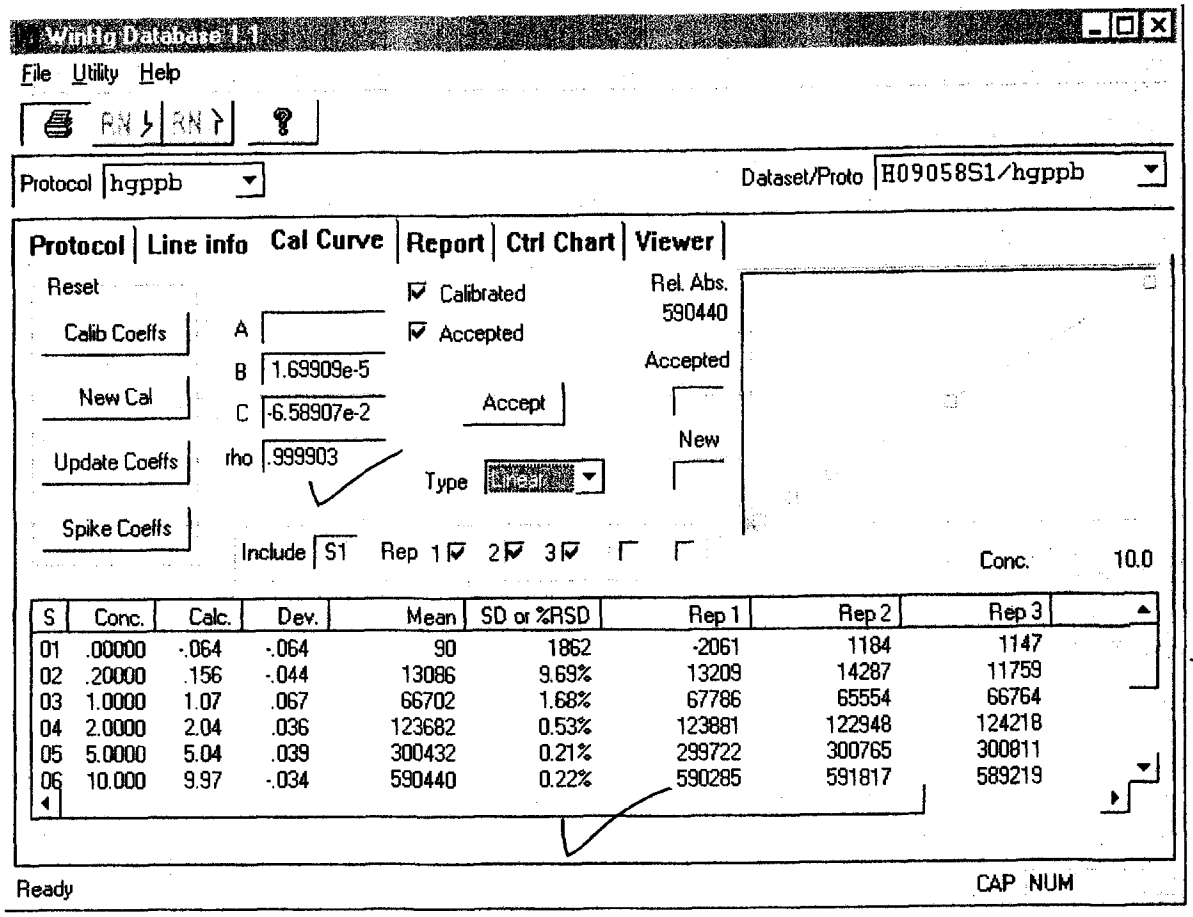
Color: Black Gray Red Yellow Blue Green Violet Colorless Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery) Medium (sand) Coarse (large crystals or rocks)

* Redigestion

3486/3648



9-5-2058
L2
H09058S1

8-053-K
-E
-F
-G
-H
-I

Folder: H09058S1 Page 1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

8-053-J

*** Check Standard: 2 Ck2ICV Seq: 1 13:20:35 05 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.3	2.95	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 13:22:05 05 Sep 08 HG

-K

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.093	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 13:23:36 05 Sep 08 HG

-L

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		76.7	.153	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 4 13:25:13 05 Sep 08 HG

-M

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.8	1.96	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 13:26:42 05 Sep 08 HG

-K

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.108	.200	ppb	.000

*** Sample ID: AD850416 Seq: 6 13:28:09 05 Sep 08 HG

Hg	1.22	ppb	.000	1.22

*** Sample ID: AD850417 Seq: 7 13:29:40 05 Sep 08 HG

Hg	.399	ppb	.000	.399

*** Sample ID: AD850418 Seq: 8 13:31:06 05 Sep 08 HG

Hg	1.03	ppb	.000	1.03

*** Sample ID: AD850419 Seq: 9 13:32:31 05 Sep 08 HG

Hg	.596	ppb	.000	.596

*** Sample ID: AD850420 Seq: 10 13:34:01 05 Sep 08 HG

Hg	7.43	ppb	.000	7.43

*** Sample ID: AD850420L Seq: 11 13:35:46 05 Sep 08 HG

1:5

Hg	1.28	ppb	.000	1.28

*** Sample ID: AD850421 Seq: 12 13:37:27 05 Sep 08 HG

+4 PPB

Hg	9.98	ppb	.000	9.98

*** Sample ID: AD850422 Seq: 13 13:38:55 05 Sep 08 HG

+4 PPB

Hg	9.97	ppb	.000	9.97

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD850423				Seq: 14	13:40:27 05 Sep 08	HG		
Hg	4.45	ppb	.000	4.45				
*** Sample ID: AD850424				Seq: 15	13:41:54 05 Sep 08	HG		
Hg	.773	ppb	.000	.773				
*** Check Standard: 3 Ck3CCV				Seq: 16	13:43:22 05 Sep 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.8	2.00	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 17	13:44:47 05 Sep 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.067	.200	ppb	.000			
*** Sample ID: AD850425				Seq: 18	13:46:25 05 Sep 08	HG		
Hg	.864	ppb	.000	.864				
*** Sample ID: AD850426				Seq: 19	13:47:51 05 Sep 08	HG		
Hg	.104	ppb	.000	.104				
*** Sample ID: AD850426L				Seq: 20	13:49:21 05 Sep 08	HG		
			1:5					
Hg	-.056	ppb	.000	-.056				
*** Sample ID: AD850427				Seq: 21	13:50:59 05 Sep 08	HG		
			+4 PPB					
Hg	4.30	ppb	.000	4.30				
*** Sample ID: AD850428				Seq: 22	13:52:27 05 Sep 08	HG		
			+4 PPB					
Hg	4.13	ppb	.000	4.13				
*** Sample ID: AD850429				Seq: 23	13:54:17 05 Sep 08	HG		
Hg	.016	ppb	.000	.016				
*** Sample ID: AD850430				Seq: 24	13:55:52 05 Sep 08	HG		
Hg	.217	ppb	.000	.217				
*** Sample ID: AD850431				Seq: 25	13:57:30 05 Sep 08	HG		
Hg	8.74	ppb	.000	8.74				
*** Sample ID: AD850432				Seq: 26	13:58:56 05 Sep 08	HG		
Hg	.057	ppb	.000	.057				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD850433 Seq: 27 14:00:22 05 Sep 08 HG

Hg	-.047	ppb	.000	-.047

*** Check Standard: 3 Ck3CCV Seq: 28 14:02:00 05 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.5	1.99	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 29 14:03:26 05 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.083	.200	ppb	.000

*** Sample ID: AD850434 Seq: 30 14:04:53 05 Sep 08 HG

Hg	.361	ppb	.000	.361

*** Sample ID: AD850435 Seq: 31 14:06:19 05 Sep 08 HG

Hg	2.35	ppb	.000	2.35

*** Sample ID: AD850436 Seq: 32 14:08:17 05 Sep 08 HG

Hg	5.54	ppb	.000	5.54

*** Sample ID: AD850437 Seq: 33 14:09:58 05 Sep 08 HG
SPIKED

Hg	3.93	ppb	.000	3.93

*** %Rec. ID: AD850437 Seq: 34 14:09:58 05 Sep 08 HG
Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	4.00	ppb	98.3	.000	.000	3.93	.000

*** Sample ID: AD850438 Seq: 35 14:11:33 05 Sep 08 HG

Hg	-.094	ppb	.000	-.094

*** Check Standard: 4 Ck4CRA Seq: 36 14:12:59 05 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		86.9	.174	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 37 14:14:27 05 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	2.00	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 38 14:16:16 05 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.043	.200	ppb	.000

METALS DIGESTION LOG
A8B22082 - 09/11/2008 SW8463 Total Hg Soil S1 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After		Clarity Before/After		Textur
9/11/08	11:00	MM	A08-A629	A8A62904 *	A	FS	AD851502	A	MERCURY	0.6240	50.00					
9/11/08	11:00	MM	A08-A970	A8A97001	A	FS	AD851503	A	MERCURY	0.6264	50.00					
9/11/08	11:00	MM	A08-A970	A8A97001MS	A	MS	AD851504	A	MERCURY	0.6235	50.00					
9/11/08	11:00	MM	A08-A970	A8A97001SD	A	SD	AD851505	A	MERCURY	0.6230	50.00					
9/11/08	11:00	MM	A08-A970	A8A97002	A	FS	AD851506	A	MERCURY	0.5902	50.00					
9/11/08	11:00	MM	A08-A970	A8A97003	A	FS	AD851507	A	MERCURY	0.5694	50.00					
9/11/08	11:00	MM	A08-A970	A8A97004	A	FS	AD851508	A	MERCURY	0.6517	50.00					SLUDGE
9/11/08	11:00	MM	A08-A970	A8A97005	A	FS	AD851509	A	MERCURY	0.6157	50.00					
9/11/08	11:00	MM	A08-A973	A8A97301	A	FS	AD851510	A	MERCURY	0.6114	50.00					
9/11/08	11:00	MM	A08-A973	A8A97302	A	FS	AD851511	A	MERCURY	0.5824	50.00					
9/11/08	11:00	MM	A08-A973	A8A97303	A	FS	AD851512	A	MERCURY	0.5757	50.00					
9/11/08	11:00	MM	A08-A973	A8A97304	A	FS	AD851513	A	MERCURY	0.5848	50.00					
9/11/08	11:00	MM	A08-A978	A8A97801	A	FS	AD851514	A	MERCURY	0.6072	50.00					NAPL
9/11/08	11:00	MM		A8B2208201	A	LCS	AD851515	A	MERCURY	0.0330	50.00					
9/11/08	11:00	MM		A8B2208202	A	MBLK	AD851516	A	MERCURY	0.6000	50.00					

Comments: EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL
08-11-08 HGL2 0.2mL
08-11-08 HGL3 0.5mL
08-11-08 HGL4 1.0mL
08-11-08 HGL5 2.0mL
08-11-08 HGL6 2.5mL
08-11-08 HGL7 5.0mL
MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-061-D
2.) Potassium Persulfate 8-006-R
3.) Potassium Permanganate 8-036-Q
4.) Stannous Chloride 8-038-U
5.) Hydroxylamine Hydrochloride 8-036-S

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

3491/3648

METALS DIGESTION LOG
A8B22082 - 09/11/2008 SW8463 Total Hg Soil S1 (Closed)
SOLIDS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur

6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# E50A13
Conc. Sulfuric Acid Mallinkrodt Lot# E49F06
Hot Block A Temp From Designated Cell: (94)°C
Hot Block B Temp From Designated Cell: (96)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A803LS180

olor: Black Gray Red Yellow Clarity: Clear Texture: Fine (powdery)
Blue Green Violet Colorless Cloudy Medium (sand)
Brown Orange White Opaque Coarse (large crystals or rocks)
Redigestion

3492/3648

3493/3648
9-11-2008
L2
1H091185I

WinHg Database 1.1

File Utility Help

RN RN

Protocol hgppb BUSY Dataset/Proto H091185I hgppb

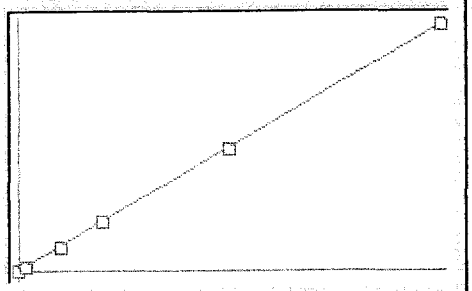
Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs

A
B 1.84275e-5
C -2.80891e-2
rho .999989

Type

Rel. Abs. 543952
Accepted
New



Include S7 Rep

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.018	-.018	555	897	1586	104	-28
02	.20000	.205	.005	12646	3.53%	13107	12616	12216
03	1.0000	.987	-.013	55071	1.09%	54416	55601	55197
04	2.0000	2.03	.033	111835	1.89%	113326	112760	109419
05	5.0000	5.00	-.002	272743	0.51%	274091	272840	271301
06	10.000	10.0	-.004	543952	0.4%	546338	542163	543358

8-061-K
-E
-F
-G
-H
-I

Ready CAP NUM

Folder: H09118S1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ICV Seq: 1 13:05:21 11 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	3.04	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 13:06:56 11 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.041	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 13:08:22 11 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		77.6	.155	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 4 13:09:49 11 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.1	1.98	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 13:11:14 11 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.087	.200	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 6 13:12:43 11 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.012	.200	ppb	.000

*** Sample ID: AD851502 Seq: 7 13:14:23 11 Sep 08 HG

Hg	3.30	ppb	.000	3.30

*** Sample ID: AD851503 Seq: 8 13:15:59 11 Sep 08 HG

Hg	1.24	ppb	.000	1.24

*** Sample ID: AD851503L Seq: 9 13:17:30 11 Sep 08 HG

1:5

Hg	.241	ppb	.000	.241

*** Sample ID: AD851504 Seq: 10 13:18:56 11 Sep 08 HG

+4 PPB

Hg	4.81	ppb	.000	4.81

*** Sample ID: AD851505 Seq: 11 13:20:26 11 Sep 08 HG

+4 PPB

Hg	5.28	ppb	.000	5.28

*** Sample ID: AD851506 Seq: 12 13:21:56 11 Sep 08 HG

Hg	4.00	ppb	.000	4.00

*** Sample ID: AD851507 Seq: 13 13:23:24 11 Sep 08 HG

Hg	4.55	ppb	.000	4.55

Folder: H09118S1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD851508				Seq: 14		13:24:53 11 Sep 08		HG
Hg	.034	ppb	.000	.034				=
*** Sample ID: AD851509				Seq: 15		13:26:23 11 Sep 08		HG
Hg	8.31	ppb	.000	8.31				=
*** Sample ID: AD851510				Seq: 16		13:28:10 11 Sep 08		HG
Hg	.047	ppb	.000	.047				=
*** Check Standard: 3 Ck3CCV				Seq: 17		13:29:38 11 Sep 08		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.03	2.00	ppb	.000		=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18		13:31:06 11 Sep 08		HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.053	.200	ppb	.000			=
*** Sample ID: AD851511				Seq: 19		13:32:31 11 Sep 08		HG
Hg	.730	ppb	.000	.730				=
*** Sample ID: AD851512				Seq: 20		13:34:23 11 Sep 08		HG
Hg	.320	ppb	.000	.320				=
*** Sample ID: AD851513				Seq: 21		13:35:52 11 Sep 08		HG
Hg	.123	ppb	.000	.123				=
*** Sample ID: AD851514				Seq: 22		13:37:29 11 Sep 08		HG
Hg	.007	ppb	.000	.007				=
*** Sample ID: AD851515				Seq: 23		13:38:59 11 Sep 08		HG
SPIKED								
Hg	4.12	ppb	.000	4.12				=
*** %Rec. ID: AD851515				Seq: 24		13:38:59 11 Sep 08		HG
			Spikes =1	Unspiked =0				
	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	4.00	ppb	103.	.000	.000	4.12	.000	=
*** Sample ID: AD851516				Seq: 25		13:40:38 11 Sep 08		HG
Hg	-.031	ppb	.000	-.031				=
*** Check Standard: 4 Ck4CRA				Seq: 26		13:42:05 11 Sep 08		HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		88.0	.176	.200	ppb	.000		=

Folder: H09118S1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 3 Ck3CCV Seq: 27 13:43:35 11 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.03	2.00	ppb	.000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 28 13:45:25 11 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.009	.200	ppb	.000

=

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47501	AD848900	08/29/2008	JS	T SB	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T AS	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T BA	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T BE	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T CD	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T CR	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T CO	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T CU	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T PB	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T MG	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T MN	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T NI	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T K	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T SE	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T AG	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T NA	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T TL	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T V	1.31	7.26	6.13	5.95	4.82	81.01	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47501	AD848900	08/29/2008	JS	T ZN	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD849513	08/29/2008	JS	T HG	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T AL	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T FE	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501	AD848900	08/29/2008	JS	T CA	1.31	7.26	6.13	5.95	4.82	81.01	N
A08-A475	A8A47501MS				T SB							N
A08-A475	A8A47501MS				T AS							N
A08-A475	A8A47501MS				T BA							N
A08-A475	A8A47501MS				T BE							N
A08-A475	A8A47501MS				T CD							N
A08-A475	A8A47501MS				T CR							N
A08-A475	A8A47501MS				T CO							N
A08-A475	A8A47501MS				T CU							N
A08-A475	A8A47501MS				T PB							N
A08-A475	A8A47501MS				T MG							N
A08-A475	A8A47501MS				T MN							N
A08-A475	A8A47501MS				T NI							N
A08-A475	A8A47501MS				T K							N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47501MS				T SE							N
A08-A475	A8A47501MS				T AG							N
A08-A475	A8A47501MS				T NA							N
A08-A475	A8A47501MS				T TL							N
A08-A475	A8A47501MS				T V							N
A08-A475	A8A47501MS				T ZN							N
A08-A475	A8A47501MS	AD849514			T HG							N
A08-A475	A8A47501MS				T AL							N
A08-A475	A8A47501MS				T FE							N
A08-A475	A8A47501MS				T CA							N
A08-A475	A8A47501SD				T SB							N
A08-A475	A8A47501SD				T AS							N
A08-A475	A8A47501SD				T BA							N
A08-A475	A8A47501SD				T BE							N
A08-A475	A8A47501SD				T CD							N
A08-A475	A8A47501SD				T CR							N
A08-A475	A8A47501SD				T CO							N
A08-A475	A8A47501SD				T CU							N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47501SD				T PB							N
A08-A475	A8A47501SD				T MG							N
A08-A475	A8A47501SD				T MN							N
A08-A475	A8A47501SD				T NI							N
A08-A475	A8A47501SD				T K							N
A08-A475	A8A47501SD				T SE							N
A08-A475	A8A47501SD				T AG							N
A08-A475	A8A47501SD				T NA							N
A08-A475	A8A47501SD				T TL							N
A08-A475	A8A47501SD				T V							N
A08-A475	A8A47501SD				T ZN							N
A08-A475	A8A47501SD	AD849515			T HG							N
A08-A475	A8A47501SD				T AL							N
A08-A475	A8A47501SD				T FE							N
A08-A475	A8A47501SD				T CA							N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T SB	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T AS	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T BA	1.31	6.12	4.54	4.81	3.23	67.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47502	AD848901	08/29/2008	JS	T BE	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T CD	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T CR	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T CO	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T CU	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T PB	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T MG	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T MN	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T NI	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T K	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T SE	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T AG	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T NA	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T TL	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T V	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T ZN	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD849516	08/29/2008	JS	T HG	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T AL	1.31	6.12	4.54	4.81	3.23	67.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47502	AD848901	08/29/2008	JS	T FE	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47502	AD848901	08/29/2008	JS	T CA	1.31	6.12	4.54	4.81	3.23	67.15	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T SB	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T AS	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T BA	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T BE	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T CD	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T CR	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T CO	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T CU	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T PB	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T MG	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T MN	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T NI	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T K	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T SE	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T AG	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T NA	1.30	7.80	6.69	6.50	5.39	82.92	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47503	AD848902	08/29/2008	JS	T TL	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T V	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T ZN	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD849517	08/29/2008	JS	T HG	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T AL	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T FE	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47503	AD848902	08/29/2008	JS	T CA	1.30	7.80	6.69	6.50	5.39	82.92	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T SB	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T AS	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T BA	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T BE	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T CD	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T CR	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T CO	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T CU	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T PB	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T MG	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T MN	1.32	6.66	6.05	5.34	4.73	88.58	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47504	AD848903	08/29/2008	JS	T NI	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T K	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T SE	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T AG	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T NA	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T TL	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T V	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T ZN	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD849518	08/29/2008	JS	T HG	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T AL	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T FE	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47504	AD848903	08/29/2008	JS	T CA	1.32	6.66	6.05	5.34	4.73	88.58	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T SB	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T AS	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T BA	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T BE	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T CD	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T CR	1.32	7.18	6.32	5.86	5.00	85.32	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47505	AD848904	08/29/2008	JS	T CO	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T CU	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T PB	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T MG	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T MN	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T NI	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T K	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T SE	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T AG	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T NA	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T TL	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T V	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T ZN	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD849519	08/29/2008	JS	T HG	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T AL	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T FE	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47505	AD848904	08/29/2008	JS	T CA	1.32	7.18	6.32	5.86	5.00	85.32	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T SB	1.30	6.59	5.71	5.29	4.41	83.36	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47506	AD848905	08/29/2008	JS	T AS	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T BA	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T BE	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T CD	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T CR	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T CO	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T CU	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T PB	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T MG	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T MN	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T NI	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T K	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T SE	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T AG	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T NA	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T TL	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T V	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T ZN	1.30	6.59	5.71	5.29	4.41	83.36	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47506	AD849520	08/29/2008	JS	T HG	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T AL	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T FE	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47506	AD848905	08/29/2008	JS	T CA	1.30	6.59	5.71	5.29	4.41	83.36	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T SB	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T AS	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T BA	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T BE	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T CD	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T CR	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T CO	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T CU	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T PB	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T MG	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T MN	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T NI	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T K	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T SE	1.29	6.21	5.33	4.92	4.04	82.11	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A475	A8A47507	AD848906	08/29/2008	JS	T AG	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T NA	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T TL	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T V	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T ZN	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD849521	08/29/2008	JS	T HG	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T AL	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T FE	1.29	6.21	5.33	4.92	4.04	82.11	N
A08-A475	A8A47507	AD848906	08/29/2008	JS	T CA	1.29	6.21	5.33	4.92	4.04	82.11	N

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Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A629	A8A62903	AD849887	09/04/2008	CM	T SB	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T AS	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T BA	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T BE	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T CD	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T CR	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T CO	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T CU	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T PB	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T MG	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T MN	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T NI	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T K	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T SE	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T AG	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T NA	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T TL	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T V	1.31	5.92	5.38	4.61	4.07	88.29	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A629	A8A62903	AD849887	09/04/2008	CM	T ZN	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849531	09/04/2008	CM	T HG	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T AL	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T FE	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62903	AD849887	09/04/2008	CM	T CA	1.31	5.92	5.38	4.61	4.07	88.29	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T SB	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T AS	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T BA	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T BE	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T CD	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T CR	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T CO	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T CU	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T PB	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T MG	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T MN	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T NI	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T K	1.32	6.82	5.86	5.50	4.54	82.55	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A629	A8A62904	AD849888	09/04/2008	CM	T SE	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T AG	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T NA	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T TL	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T V	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T ZN	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849532	09/04/2008	CM	T HG	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T AL	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T FE	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62904	AD849888	09/04/2008	CM	T CA	1.32	6.82	5.86	5.50	4.54	82.55	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T SB	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T AS	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T BA	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T BE	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T CD	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T CR	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T CO	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T CU	1.34	7.61	6.55	6.27	5.21	83.09	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A629	A8A62905	AD849889	09/04/2008	CM	T PB	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T MG	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T MN	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T NI	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T K	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T SE	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T AG	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T NA	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T TL	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T V	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T ZN	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849533	09/04/2008	CM	T HG	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T AL	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T FE	1.34	7.61	6.55	6.27	5.21	83.09	N
A08-A629	A8A62905	AD849889	09/04/2008	CM	T CA	1.34	7.61	6.55	6.27	5.21	83.09	N

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A713	A8A71301	AD850194	09/04/2008	CM	T SB	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T AS	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T BA	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T BE	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T CD	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T CR	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T CO	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T CU	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T PB	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T MG	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T MN	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T NI	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T K	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T SE	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T AG	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T NA	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T TL	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T V	1.30	6.42	5.12	5.12	3.82	74.61	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A713	A8A71301	AD850194	09/04/2008	CM	T ZN	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850419	09/04/2008	CM	T HG	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T AL	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T FE	1.30	6.42	5.12	5.12	3.82	74.61	N
A08-A713	A8A71301	AD850194	09/04/2008	CM	T CA	1.30	6.42	5.12	5.12	3.82	74.61	N

Dry Weight Log Book
Rochester Gas & Electric

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A718	A8A71801	AD850406	09/04/2008	CW	T SB	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T AS	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T BA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T BE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T CD	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T CR	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T CO	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T CU	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T PB	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T MG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T MN	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T NI	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T K	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T SE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T AG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T NA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T TL	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T V	1.31	7.62	6.83	6.31	5.52	87.48	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A718	A8A71801	AD850406	09/04/2008	CW	T ZN	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850426	09/04/2008	CW	T HG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T AL	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T FE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801	AD850406	09/04/2008	CW	T CA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T SB	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T AS	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T BA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T BE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T CD	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T CR	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T CO	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T CU	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T PB	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T MG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T MN	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T NI	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T K	1.31	7.62	6.83	6.31	5.52	87.48	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T SE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T AG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T NA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T TL	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T V	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T ZN	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850427	09/04/2008	CW	T HG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T AL	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T FE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801MS	AD850407	09/04/2008	CW	T CA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T SB	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T AS	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T BA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T BE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T CD	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T CR	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T CO	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T CU	1.31	7.62	6.83	6.31	5.52	87.48	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T PB	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T MG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T MN	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T NI	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T K	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T SE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T AG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T NA	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T TL	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T V	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T ZN	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850428	09/04/2008	CW	T HG	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T AL	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T FE	1.31	7.62	6.83	6.31	5.52	87.48	N
A08-A718	A8A71801SD	AD850408	09/04/2008	CW	T CA	1.31	7.62	6.83	6.31	5.52	87.48	N

Wet Chemistry Data

Wet Chemistry Analysis

3520/3648

Client Sample No.

90 CANAL ST. SUMP

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A62901

% Solids: 0.0 Date Samp/Recv: 08/27/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/05/2008

Comments:

Wet Chemistry Analysis

3521/3648

Client Sample No.

DUP082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A62905

% Solids: 83.1 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.93	U			9012	09/10/2008

Comments:

Wet Chemistry Analysis

3522/3648

Client Sample No.

EB 082908

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A71302

% Solids: 0.0 Date Samp/Recv: 08/29/2008 09/02/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

Wet Chemistry Analysis

3523/3648

Client Sample No.

EB 090208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A71802

% Solids: 0.0 Date Samp/Recv: 09/02/2008 09/03/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/11/2008

Comments:

Wet Chemistry Analysis

3524/3648

Client Sample No.

EB082508

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A47508

% Solids: 0.0 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	08/30/2008

Comments:

Wet Chemistry Analysis

3525/3648

Client Sample No.

EB082608

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A47509

% Solids: 0.0 Date Samp/Recv: 08/26/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/05/2008

Comments:

Wet Chemistry Analysis

3526/3648

Client Sample No.

EB082808

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8A62902

% Solids: 0.0 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

Wet Chemistry Analysis

3527/3648

Client Sample No.

MW-9 S3,4-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A71801

% Solids: 87.5 Date Samp/Recv: 09/02/2008 09/03/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/15/2008

Comments:

Wet Chemistry Analysis

3528/3648

Client Sample No.

SB-20-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47507

% Solids: 82.1 Date Samp/Recv: 08/26/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.1	U			9012	09/05/2008

Comments:

Wet Chemistry Analysis

3529/3648

Client Sample No.

SB-21 S1-0.5-2.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A62903

% Solids: 88.3 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	2.6				9012	09/10/2008

Comments:

Wet Chemistry Analysis

3530/3648

Client Sample No.

SB-21 S4-6.5-8.5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A62904

% Solids: 82.6 Date Samp/Recv: 08/28/2008 08/29/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.73	U			9012	09/10/2008

Comments:

Wet Chemistry Analysis

3531/3648

Client Sample No.

TP1-S1(10-11)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47501

% Solids: 81.0 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.70	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

3532/3648

Client Sample No.

TP2-S1(1-3)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47502

% Solids: 67.2 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.2	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

3533/3648

Client Sample No.

TP2-S2(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47503

% Solids: 82.9 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.95	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

3534/3648

Client Sample No.

TP3-S1(4-6)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47504

% Solids: 88.6 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.99	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

3535/3648

Client Sample No.

TP3-S2(7-9)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47505

% Solids: 85.3 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.71	U			9012	09/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: TP4-S1(8-10)

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A47506

% Solids: 83.4 Date Samp/Recv: 08/25/2008 08/27/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	3.7				9012	09/04/2008

Comments:

Wet Chemistry Analysis

3537/3648

Client Sample No.

MW-8 S2 4-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8A71301

% Solids: 74.6 Date Samp/Recv: 08/29/2008 09/02/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.3				9012	09/10/2008

Comments:

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
Fraction: WC																
chester Gas & Electri	NY3A9052	47	Corrosivity (pH)	EQL	SW8463	9045	CTA19728	S	S.U.		0.00000	0.00000	Y	*		
chester Gas & Electri	NY3A9052	47	Cyanide - Total	EQL	SW8463	9012	ST001451	S	UG/G		1.00000	0.87000	N			
chester Gas & Electri	NY3A9052	47	Cyanide - Total	EQL	SW8463	9012A	ST000952	W	MG/L		0.01000	0.00500	N			

3538/3648

T - Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

SAMPLE DATE 09/02/2008

SDG: A475

Client Sample ID:	MW-9 S3,4-5	MW-9 S3,4-5	MW-9 S3,4-5
Lab Sample ID:	A8A71801	A8A71801MS	A8A71801SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS												
METHOD 9012 - TOTAL CYANIDE	UG/G	0	10.48	8.90	10.46	9.01	100	99	100	1	20.0	85-115

3539/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
Client Sample ID: Method Blank LCS
Lab Sample ID: A8B2149202 A8B2149201

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	428.6	400.0	107	90-110

3540/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2164104 A8B2164103

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	55.11	77.10	71	40-160

3541/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2174702 A8B2174701

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	404.1	400.0	101	90-110

3542/3648

' Indicates Result is outside QC Limits
'C = Not Calculated ND = Not Detected

SDG: A475
ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2174704 A8B2174703

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	68.57	77.10	89	40-160

3543/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2193502 A8B2193501

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	400.7	400.0	100	90-110

3544/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475

lient Sample ID: Method Blank	LCS
Lab Sample ID: A8B2193504	A8B2193503

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	70.86	77.10	92	40-160

3545/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2198202 A8B2198201

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
¥ET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	389.4	400.0	97	90-110

3546/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2198204 A8B2198203

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ŀET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	63.48	77.10	82	40-160

3547/3648

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

SDG: A475

lient Sample ID:	Method Blank	LCS
Lab Sample ID:	A8B2204502	A8B2204501

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	250.5	250.0	100	90-110

3548/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: A475
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2228504 A8B2228503

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	52.66	77.10	68	40-160

3549/3648

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2149202 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 08/30/2008 Time Analyzed (1): 08:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB082508	A8A47508	08/30/2008	08:15
2	LCS	A8B2149201	08/30/2008	08:15

Comments: _____

Wet Chemistry Analysis

3551/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2149202

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	08/30/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2164104 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/04/2008 Time Analyzed (1): 08:45

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2164103	09/04/2008	08:45
2	TP1-S1(10-11)	A8A47501	09/04/2008	08:45
3	TP2-S1(1-3)	A8A47502	09/04/2008	08:45
4	TP2-S2(8-10)	A8A47503	09/04/2008	08:45
5	TP3-S1(4-6)	A8A47504	09/04/2008	08:45
6	TP3-S2(7-9)	A8A47505	09/04/2008	08:45
7	TP4-S1(8-10)	A8A47506	09/04/2008	08:45

Comments: _____

Wet Chemistry Analysis

3553/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2164104

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/04/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2174702 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/05/2008 Time Analyzed (1): 08:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	90 CANAL ST. SUMP	A8A62901	09/05/2008	08:47
2	EB082608	A8A47509	09/05/2008	08:47
3	LCS	A8B2174701	09/05/2008	08:47

Comments: _____

Wet Chemistry Analysis

3555/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2174702

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/05/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2174704 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/05/2008 Time Analyzed (1): 08:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2174703	09/05/2008	08:47
2	SB-20-S1(4-6)	A8A47507	09/05/2008	08:47

Comments: _____

Wet Chemistry Analysis

3557/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2174704

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/05/2008

Comments:

3558/3648

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2193502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 09:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB 082908	A8A71302	09/10/2008	09:52
2	LCS	A8B2193501	09/10/2008	09:52

Comments: _____

Wet Chemistry Analysis

3559/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2193502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2193504 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 09:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	DUP082808	A8A62905	09/10/2008	09:52
2	LCS	A8B2193503	09/10/2008	09:52
3	SB-21 S1-0.5-2.5	A8A62903	09/10/2008	09:52
4	SB-21 S4-6.5-8.5	A8A62904	09/10/2008	09:52

Comments: _____

Wet Chemistry Analysis

3561/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2193504

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2198202 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 10:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB082808	A8A62902	09/10/2008	10:48
2	LCS	A8B2198201	09/10/2008	10:48

Comments: _____

Wet Chemistry Analysis

3563/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2198202

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/10/2008

Comments:

_____

_____

_____

_____

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2198204 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/10/2008 Time Analyzed (1): 10:48

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2198203	09/10/2008	10:48
2	MW-8 S2 4-6	A8A71301	09/10/2008	10:48

Comments: _____

Wet Chemistry Analysis

3565/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2198204

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/10/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2204502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 09/11/2008 Time Analyzed (1): 09:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB 090208	A8A71802	09/11/2008	09:15
2	LCS	A8B2204501	09/11/2008	09:15

Comments: _____

Wet Chemistry Analysis

3567/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): WATER Lab Sample ID: A8B2204502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	09/11/2008

Comments:

_____

_____

_____

_____

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Lab Sample ID: A8B2228504 Lab File ID: _____

Matrix: (soil/water) SOIL Instrument ID (1): _____

Date Analyzed (1): 09/15/2008 Time Analyzed (1): 11:10

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	LCS	A8B2228503	09/15/2008	11:10
2	MW-9 S3,4-5	A8A71801	09/15/2008	11:10
3	MW-9 S3,4-5	A8A71801MS	09/15/2008	11:10
4	MW-9 S3,4-5	A8A71801SD	09/15/2008	11:10

Comments: _____

Wet Chemistry Analysis

3569/3648

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A475

Matrix (soil/water): SOIL Lab Sample ID: A8B2228504

% Solids: 100.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.0	U			9012	09/15/2008

Comments:

FORM I - WC

Wet Chemistry Raw Data

WET CHEMISTRY BATCH SUMMARY

3571/3648

PARAMETER CN- METHOD 335.4 BATCH A8B211641

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	A3860-06,07
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
	JM 9/4/08
WC Spike Failure HIGH MS only	A3860-07, A523-05, ~~A585-11~~
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant? YES NO (NA) IF NO, Why? _____
LCS/CCV Compliant? (YES) NO NA IF NO, Why? _____
CCB Compliant? (YES) NO NA IF NO, Why? _____
RPD Compliant? (YES) NO NA IF NO, Why? _____
ERA Compliant? (YES) NO NA IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: (2)

Analyst Jm Date 9/4/08

Time Critical Batch Review _____ Date _____

Secondary Review & Closure ERK Date 9/5/08

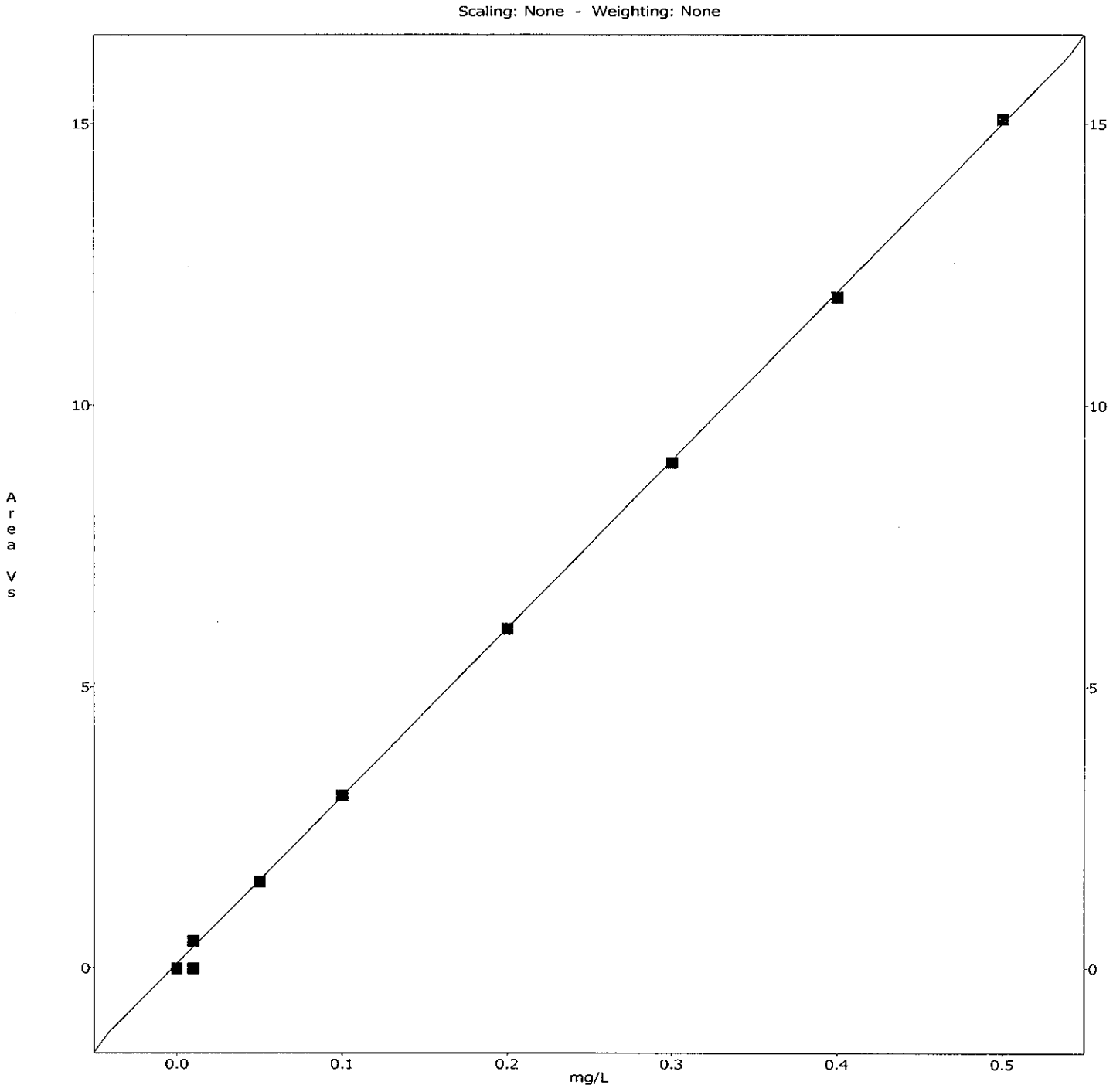
WC Summary Rev5 / 05-2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	15079283	0.50	15079283					0.0	0.0	-0.6
2	11919565	0.40	11919565					0.0	0.0	0.7
3	8988941	0.30	8988941					0.0	0.0	0.4
4	6037748	0.20	6037748					0.0	0.0	0.0
5	3074407	0.10	3074407					0.0	0.0	-0.6
6	1541888	0.05	1541888					0.0	0.0	1.5
7	488755	0.01	488755	0	0	0		244377.5	200.0	-39.4
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

Curve ran 8/12/08

1st Order Poly
Conc = 3.351e-008 Area - 2.440e-003
r = 0.9999



Printed: Thursday, September 04, 2008 - 09:35 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502
Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502
Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541
Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502
Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 AUGUST 2008
INT STD = 16-140-C

Method - Ch. 1 (CYANIDE)

A8B216641

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Sep 4, 2008 8:45:07
DATA FILENAME: C:\OMNION\DATA\CN09048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09048A.TRA

TRAY DESCRIPTION:
Created: Sep 4, 2008 8:31:15
Modified: Sep 4, 2008 9:31:03

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	04 Sep 2008	08:45:10	1	0.3988	99.7%
2	mblk#2	04 Sep 2008	08:46:03	1	-0.0024	<0.01
3	lcs P156-502 1:2	04 Sep 2008	08:47:45	1	0.4575	120.8% [range: 0.575-0.954 (Actual value 0.915) EPA value: 0.757]
4	lcs D057-541 1:5	04 Sep 2008	08:48:39	1	0.1144	
5	A8A58001	04 Sep 2008	08:49:32	1	-0.0024	
6	A8A38606	04 Sep 2008	08:50:25	1	0.0271	confirmed
7	A8A38607	04 Sep 2008	08:51:18	1	0.0899	
8	A8A51908	04 Sep 2008	08:52:10	1	0.0085	
9	A8A51909	04 Sep 2008	08:53:03	1	-0.0024	
10	A8A51910	04 Sep 2008	08:53:55	1	-0.0024	
11	A8A39901	04 Sep 2008	08:54:47	1	-0.0024	
12	A8A39902	04 Sep 2008	08:55:39	1	-0.0024	
13	lcs#1@0.4	04 Sep 2008	08:56:31	1	0.3968	99.2%
14	mblk#2	04 Sep 2008	08:57:24	1	-0.0024	<0.01
15	~~A8A47801~~ A8A47501	04 Sep 2008	08:58:15	1	-0.0024	
16	A8A47502	04 Sep 2008	08:59:08	1	-0.0024	
17	A8A47503	04 Sep 2008	09:00:03	1	-0.0024	
18	A8A47504	04 Sep 2008	09:00:56	1	-0.0024	
19	A8A47505	04 Sep 2008	09:01:49	1	-0.0024	
20	A8A47506	04 Sep 2008	09:02:42	1	0.0192	rerun, over RPD limit, see cups 59-60
21	A8A47506MD	04 Sep 2008	09:03:35	1	-0.0024	
22	A8A38607MS	04 Sep 2008	09:04:29	1	0.2096	119% @ 0.1ppm
23	A8A56201	04 Sep 2008	09:05:22	1	0.0099	
24	A8A56401	04 Sep 2008	09:06:15	1	0.0100	
25	lcs#21@0.25	04 Sep 2008	09:07:07	1	0.2490	99.6%
26	mblk#22	04 Sep 2008	09:10:28	1	-0.0024	<0.01

JM 9/4/08

OPERATOR: Lachat1
ACQ. TIME: Sep 4, 2008 8:45:07
DATA FILENAME: C:\OMNION\DATA\CN09048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 48

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	A8A56402	04 Sep 2008	09:11:20	1	0.0098	1.00	
28	A8A56403	04 Sep 2008	09:12:13	1	0.0507	1.00	
29	A8A57701	04 Sep 2008	09:13:05	1	-0.0024	1.00	
30	A8A58501	04 Sep 2008	09:13:57	1	-0.0024	1.00	
31	A8A58502	04 Sep 2008	09:14:52	1	0.0131	1.00	
32	A8A58503	04 Sep 2008	09:15:46	1	0.0736	1.00	
33	A8A58504	04 Sep 2008	09:16:39	1	-0.0024	1.00	
34	A8A58505	04 Sep 2008	09:17:32	1	-0.0024	1.00	
35	A8A58506	04 Sep 2008	09:18:25	1	0.0396	1.00	
36	A8A58507	04 Sep 2008	09:19:19	1	-0.0024	1.00	
37	lcs#21@0.25	04 Sep 2008	09:20:12	1	0.2539	1.00	101.5%
38	mblk#22	04 Sep 2008	09:21:05	1	-0.0024	1.00	<0.01
39	A8A58508	04 Sep 2008	09:21:59	1	-0.0024	1.00	
40	A8A58509	04 Sep 2008	09:22:52	1	0.0249	1.00	
41	A8A58510	04 Sep 2008	09:23:44	1	0.2633	1.00	rerun for RPD confirmation, see cups 55-56
42	A8A58510MD	04 Sep 2008	09:24:36	1	0.3250	1.00	
43	A8A58511	04 Sep 2008	09:25:28	1	0.1366	1.00	rerun for spike confirmation, see cups 57-58
44	A8A58511MS	04 Sep 2008	09:26:21	1	0.4559	1.00	
45	A8A58512	04 Sep 2008	09:27:13	1	-0.0024	1.00	
46	A8A52301	04 Sep 2008	09:28:07	1	-0.0024	1.00	
47	A8A52302	04 Sep 2008	09:29:01	1	-0.0024	1.00	
48	A8A52303	04 Sep 2008	09:29:56	1	-0.0024	1.00	

OPERATOR: Lachat1
ACQ. TIME: Sep 4, 2008 9:36:07
DATA FILENAME: C:\OMNION\DATA\CN09048Z.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 49 to 66

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
49	lcs#41@0.25	04 Sep 2008	09:36:11	1	0.2518	100.7%
50	mblk#42	04 Sep 2008	09:38:07	1	-0.0024	<0.01
51	A8A52304	04 Sep 2008	09:39:00	1	0.0157	rerun for RPD confirmation, see cups 63-64
52	A8A52304MD	04 Sep 2008	09:39:53	1	-0.0024	
53	A8A52305	04 Sep 2008	09:40:46	1	-0.0024	
54	A8A52305MS	04 Sep 2008	09:41:39	1	0.1221	122.1% @ 0.1ppm
55	A8A58510**	04 Sep 2008	09:42:33	1	0.2780	RPD = 4.07%
56	A8A58510MD**	04 Sep 2008	09:43:26	1	0.2669	
57	A8A58511**	04 Sep 2008	09:45:20	1	0.1474	MS = 313.4% ***
58	A8A58511MS**	04 Sep 2008	09:46:12	1	0.4608	
59	A8A47506**	04 Sep 2008	09:47:05	1	0.0361	RPD = 14.5%
60	A8A47506MD**	04 Sep 2008	09:47:57	1	0.0312	
61	lcs#41@0.25	04 Sep 2008	09:48:51	1	0.2578	103.1%
62	mblk#42	04 Sep 2008	09:49:45	1	-0.0024	<0.01
63	A8A52304 *	04 Sep 2008	09:50:39	1	-0.0024	RPD = ND
64	A8A52304MD *	04 Sep 2008	09:51:34	1	-0.0024	
65	lcs#41@0.25	04 Sep 2008	09:52:28	1	0.2581	103.2%
66	mblk#42	04 Sep 2008	09:53:21	1	-0.0024	<0.01

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Sep 4, 2008 8:45:07
DATA FILENAME: C:\OMNION\DATA\CN09048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09048A.TRA

TRAY DESCRIPTION:
Created: Sep 4, 2008 8:31:15
Modified: Sep 4, 2008 9:31:03

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	04 Sep 2008	08:45:10	1	11973671.0000
2	mblk#2	04 Sep 2008	08:46:03	1	0.0000
3	lcs P156-502 1:2	04 Sep 2008	08:47:45	1	13723175.0000
4	lcs D057-541 1:5	04 Sep 2008	08:48:39	1	3485043.0000
5	A8A58001	04 Sep 2008	08:49:32	1	0.0000
6	A8A38606	04 Sep 2008	08:50:25	1	882880.0000
7	A8A38607	04 Sep 2008	08:51:18	1	2755802.0000
8	A8A51908	04 Sep 2008	08:52:10	1	327648.0000
9	A8A51909	04 Sep 2008	08:53:03	1	0.0000
10	A8A51910	04 Sep 2008	08:53:55	1	0.0000
11	A8A39901	04 Sep 2008	08:54:47	1	0.0000
12	A8A39902	04 Sep 2008	08:55:39	1	0.0000
13	lcs#1@0.4	04 Sep 2008	08:56:31	1	11912935.0000
14	mblk#2	04 Sep 2008	08:57:24	1	0.0000
15	~~A8A47801~~ A8A47501	04 Sep 2008	08:58:15	1	0.0000
16	A8A47502	04 Sep 2008	08:59:08	1	0.0000
17	A8A47503	04 Sep 2008	09:00:03	1	0.0000
18	A8A47504	04 Sep 2008	09:00:56	1	0.0000
19	A8A47505	04 Sep 2008	09:01:49	1	0.0000
20	A8A47506	04 Sep 2008	09:02:42	1	647155.0000
21	A8A47506MD	04 Sep 2008	09:03:35	1	0.0000
22	A8A38607MS	04 Sep 2008	09:04:29	1	6328077.0000
23	A8A56201	04 Sep 2008	09:05:22	1	367078.0000
24	A8A56401	04 Sep 2008	09:06:15	1	372134.0000
25	lcs#21@0.25	04 Sep 2008	09:07:07	1	7501837.0000
26	mblk#22	04 Sep 2008	09:10:28	1	0.0000

JW 9/4/08

OPERATOR: Lachat1
ACQ. TIME: Sep 4, 2008 8:45:07
DATA FILENAME: C:\OMNION\DATA\CN09048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 48

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	A8A56402	04 Sep 2008	09:11:20	1	365760.0000	1.00
28	A8A56403	04 Sep 2008	09:12:13	1	1585869.0000	1.00
29	A8A57701	04 Sep 2008	09:13:05	1	0.0000	1.00
30	A8A58501	04 Sep 2008	09:13:57	1	0.0000	1.00
31	A8A58502	04 Sep 2008	09:14:52	1	463539.0000	1.00
32	A8A58503	04 Sep 2008	09:15:46	1	2267738.0000	1.00
33	A8A58504	04 Sep 2008	09:16:39	1	0.0000	1.00
34	A8A58505	04 Sep 2008	09:17:32	1	0.0000	1.00
35	A8A58506	04 Sep 2008	09:18:25	1	1254938.0000	1.00
36	A8A58507	04 Sep 2008	09:19:19	1	0.0000	1.00
37	lcs#21@0.25	04 Sep 2008	09:20:12	1	7649933.0000	1.00
38	mblk#22	04 Sep 2008	09:21:05	1	0.0000	1.00
39	A8A58508	04 Sep 2008	09:21:59	1	0.0000	1.00
40	A8A58509	04 Sep 2008	09:22:52	1	817126.0000	1.00
41	A8A58510	04 Sep 2008	09:23:44	1	7928832.0000	1.00
42	A8A58510MD	04 Sep 2008	09:24:36	1	9770074.0000	1.00
43	A8A58511	04 Sep 2008	09:25:28	1	4148301.0000	1.00
44	A8A58511MS	04 Sep 2008	09:26:21	1	13676160.0000	1.00
45	A8A58512	04 Sep 2008	09:27:13	1	0.0000	1.00
46	A8A52301	04 Sep 2008	09:28:07	1	0.0000	1.00
47	A8A52302	04 Sep 2008	09:29:01	1	0.0000	1.00
48	A8A52303	04 Sep 2008	09:29:56	1	0.0000	1.00

OPERATOR: Lachat1
ACQ. TIME: Sep 4, 2008 9:36:07
DATA FILENAME: C:\OMNION\DATA\CN09048Z.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 49 to 66

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
49	lcs#41@0.25	04 Sep 2008	09:36:11	1	7584999.0000
50	mblk#42	04 Sep 2008	09:38:07	1	0.0000
51	A8A52304	04 Sep 2008	09:39:00	1	541030.0000
52	A8A52304MD	04 Sep 2008	09:39:53	1	0.0000
53	A8A52305	04 Sep 2008	09:40:46	1	0.0000
54	A8A52305MS	04 Sep 2008	09:41:39	1	3715469.0000
55	A8A58510**	04 Sep 2008	09:42:33	1	8369114.0000
56	A8A58510MD**	04 Sep 2008	09:43:26	1	8037082.0000
57	A8A58511**	04 Sep 2008	09:45:20	1	4472333.0000
58	A8A58511MS**	04 Sep 2008	09:46:12	1	13823155.0000
59	A8A47506**	04 Sep 2008	09:47:05	1	1151117.0000
60	A8A47506MD**	04 Sep 2008	09:47:57	1	1004922.0000
61	lcs#41@0.25	04 Sep 2008	09:48:51	1	7763840.0000
62	mblk#42	04 Sep 2008	09:49:45	1	0.0000
63	A8A52304 *	04 Sep 2008	09:50:39	1	0.0000
64	A8A52304MD *	04 Sep 2008	09:51:34	1	0.0000
65	lcs#41@0.25	04 Sep 2008	09:52:28	1	7773735.0000
66	mblk#42	04 Sep 2008	09:53:21	1	0.0000

A8B321691 10/5/200

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/2/08	KD	LCS	40PPM	1	50		400ul	✓	
		MBLK	Blank	2					
		LCS	P156-507	3			250ul	✓	
		LCS	D057-541	4		0.5189			
		A580	A8A58001	5					
		A386	A8A386CB	6					
		↓	07	7					
		A59	A8A51908	8		0.5263			
		↓	09	9		0.8081			
		↓	10	10		0.5876			
		A399	A8A39901	11		0.5441			
		↓	02	12		0.8745			
		A475	A8A47501	13		0.8814			
		↓	02	14		0.6446			
			03	15		0.6349			
			04	16		0.5686			
			05	17		0.8208			
			06	18		0.5800			
		↓	06MD	19		0.7520			
↓	↓	A386	07MS	20	↓		100ul	✓	

Start Time 11:40 End Time _____ H_2S ✓ Cl_2 ✓

Magnesium Chloride: CHO-13-F

Sulmafic Acid: 12-4-D

0.25N NaOH: CHO-13-G

Acetate Buffer: _____

Other: CHO-3-I

Cyanide Total Standard: _____

Cyanide Intermediate Standard 12-12-E

Cyanide Free Standard: _____

Zinc Acetate: _____

expend ref: 3520445

ERA Water Lot# CHO-10-G

ERA Soil Lot# CHC-20-B

Block Temp Check:

Block# 1 Temp °C 102 Cell# 4

Block# _____ Temp °C _____ Cell# _____

Reviewed By JRM Date 3Sept 2008

3580/3048

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/2/08	KD	LCS	.25RM	21	50		2Std	✓	
		MBLK	Blank	22					
		A562	A8A56201	23					
		A564	A8A56401	24					
		↓	02	25					
		↓	03	26					
		A577	A8A57701	27					
		A585	A8A58501	28					
		↓	02	29					
		↓	03	30					
	RK	A585	04	31					
			05	32					
			06	33					
			07	34					
			08	35					
			09	36					
			10	37					
			10 MD	38					
			11	39					
	↓	↓	11 MS	40	↓				

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard:_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____ Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____ Temp °C_____ Cell#_____

Other:_____

Reviewed By JRM Date 3 Sept 2008

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
08-02-08	RK	LCS	0.25PPM	41	50mL	N/A	250µL	✓	
		MBK	Blank	42					
		~~A562~~	012	43					A585
		~~A564~~	01	44					A523 01
		A523	02	45					
			03	46					
			04	47					
			04 MD	48					
			05	49					
			05 MS	50			100µL		

RK 08-02-08

Start Time_____ End Time_____ H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard:_____

Cyanide Intermediate Standard_____

Cyanide Free Standard:_____

Zinc Acetate:_____

See Page 185

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____Cell#_____

Block#_____Temp °C_____Cell#_____

Reviewed By ARM Date 3 Sept 2008

3582/3648

3583/3648

WET CHEMISTRY BATCH SUMMARY

PARAMETER CN- METHOD 335.4 BATCH A8B21747

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	A552-10
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant? YES NO (NA) IF NO, Why? _____

LCS/CCV Compliant? (YES) NO NA IF NO, Why? _____

CCB Compliant? (YES) NO NA IF NO, Why? _____

RPD Compliant? (YES) NO NA IF NO, Why? _____

ERA Compliant? (YES) NO NA IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: (2)

Analyst jm Date 9/5/05

Time Critical Batch Review _____ Date _____

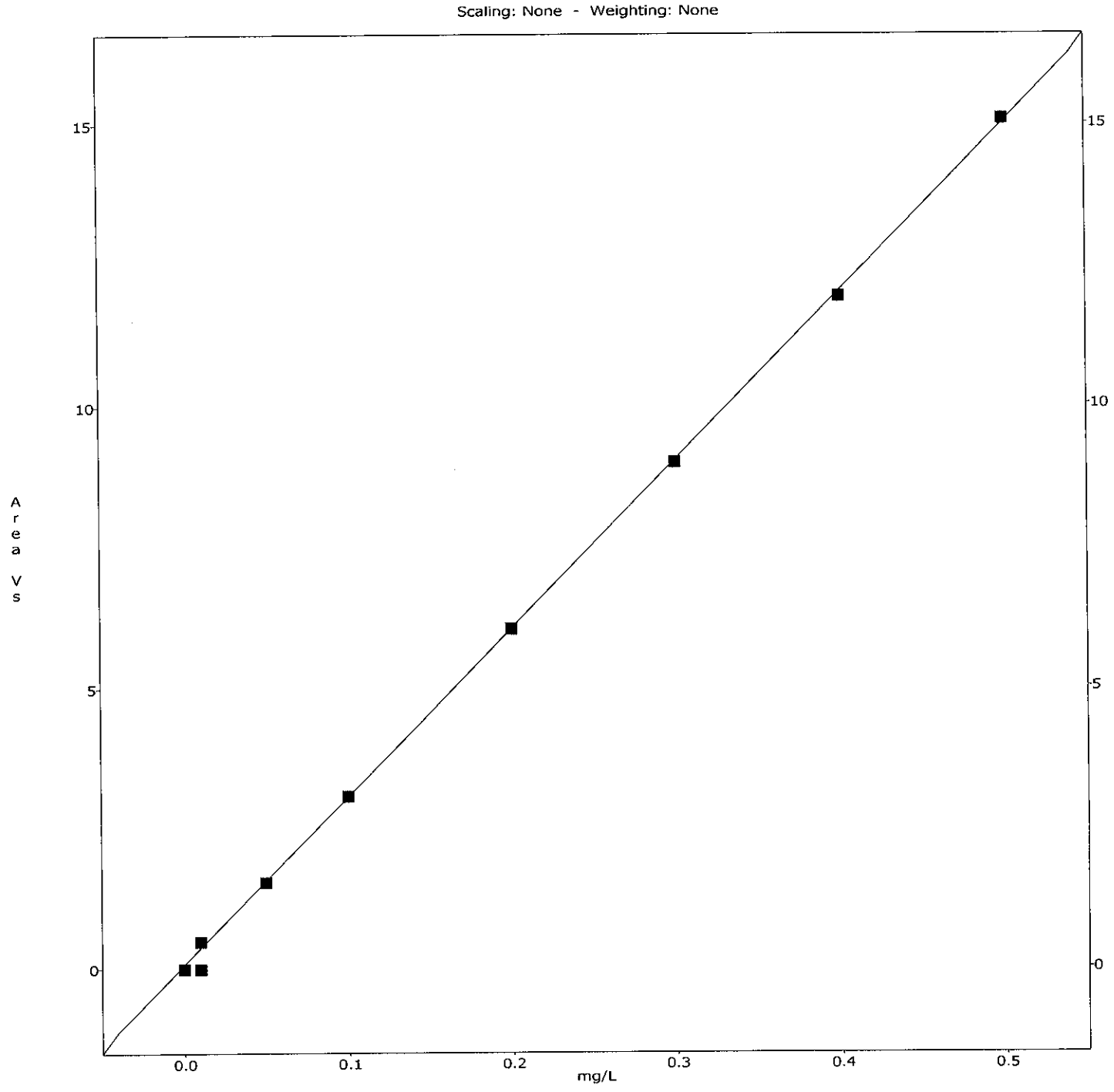
Secondary Review & Closure ERK Date 9/8/08

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	15079283	0.50	15079283					0.0	0.0	-0.6
2	11919565	0.40	11919565					0.0	0.0	0.7
3	8988941	0.30	8988941					0.0	0.0	0.4
4	6037748	0.20	6037748					0.0	0.0	0.0
5	3074407	0.10	3074407					0.0	0.0	-0.6
6	1541888	0.05	1541888					0.0	0.0	1.5
7	488755	0.01	488755	0	0	0		244377.5	200.0	-39.4
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

ran 8/12/08

1st Order Poly
Conc = 3.351e-008 Area - 2.440e-003
r = 0.9999



Printed: Friday, September 05, 2008 - 09:52 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502 Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502 Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541 Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502 Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 AUGUST 2008
INT STD = 16-140-C

Method - Ch. 1 (CYANIDE)

A8B21747

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: LachatDirect
ACQ. TIME: Sep 5, 2008 8:47:16
DATA FILENAME: C:\OMNION\DATA\CN09058A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09058A.TRA

TRAY DESCRIPTION:
Created: Sep 5, 2008 8:36:58
Modified: Sep 5, 2008 8:36:58

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	05 Sep 2008	08:47:19	1	0.4041	101.0%.
2	mblk#2	05 Sep 2008	08:48:12	1	-0.0024	<0.01
3	lcs P156-502 1:2	05 Sep 2008	08:49:22	1	0.3646	96.3%. @ 0.757, range: 0.575-0.954 mg/L
4	lcs D057-541 1:5	05 Sep 2008	08:50:15	1	0.1406	89%.
5	A8A67601	05 Sep 2008	08:51:08	1	-0.0024	
6	A8A67602	05 Sep 2008	08:52:02	1	-0.0024	
7	A8A47509	05 Sep 2008	08:52:55	1	-0.0024	
8	A8A52702	05 Sep 2008	08:53:48	1	-0.0024	
9	A8A52703	05 Sep 2008	08:54:40	1	-0.0024	
10	A8A52704	05 Sep 2008	08:55:32	1	-0.0024	
11	A8A52704MS	05 Sep 2008	08:56:24	1	0.1130	113%. @ 0.1 ppm, RPD= 11.9%.
12	A8A52704SD	05 Sep 2008	08:57:16	1	0.1003	100.3%.
13	lcs#1@0.4	05 Sep 2008	08:58:09	1	0.4167	104.2%.
14	mblk#2	05 Sep 2008	08:59:01	1	-0.0024	<0.01
15	A8A52705	05 Sep 2008	08:59:53	1	-0.0024	
16	A8A52706	05 Sep 2008	09:00:46	1	0.0146	
17	A8A52708	05 Sep 2008	09:01:39	1	-0.0024	
18	A8A62501	05 Sep 2008	09:02:33	1	0.3572	
19	A8A62502	05 Sep 2008	09:03:26	1	-0.0024	
20	A8A62503	05 Sep 2008	09:04:19	1	0.3739	
21	A8A62504	05 Sep 2008	09:05:12	1	-0.0024	
22	A8A62505	05 Sep 2008	09:06:05	1	0.3811	
23	A8A47507	05 Sep 2008	09:06:59	1	-0.0024	
24	A8A62506	05 Sep 2008	09:07:52	1	0.1088	
25	lcs#21@0.25	05 Sep 2008	09:08:44	1	0.2390	95.6%.
26	mblk#22	05 Sep 2008	09:09:36	1	-0.0024	<0.01

OPERATOR: Lachat1
ACQ. TIME: Sep 5, 2008 8:47:16
DATA FILENAME: C:\OMNION\DATA\CN09058A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	A8A62507	05 Sep 2008	09:11:27	1	-0.0024	1.00	
28	A8A62508	05 Sep 2008	09:12:19	1	-0.0024	1.00	
29	A8A66801	05 Sep 2008	09:13:11	1	0.3120	1.00	
30	A8A66901	05 Sep 2008	09:14:03	1	-0.0024	1.00	
31	A8A67001	05 Sep 2008	09:14:57	1	0.0100	1.00	
32	A8A67301	05 Sep 2008	09:15:52	1	-0.0024	1.00	
33	A8A67302	05 Sep 2008	09:16:45	1	-0.0024	1.00	
34	A8A67303	05 Sep 2008	09:17:38	1	-0.0024	1.00	
35	A8A48401	05 Sep 2008	09:18:31	1	-0.0024	1.00	
36	A8A48601	05 Sep 2008	09:19:24	1	-0.0024	1.00	
37	lcs#21@0.25	05 Sep 2008	09:20:17	1	0.2431	1.00	97.2 %.
38	mblk#22	05 Sep 2008	09:21:11	1	-0.0024	1.00	< 0.01
39	A8A48602	05 Sep 2008	09:22:04	1	-0.0024	1.00	
40	A8A48603	05 Sep 2008	09:22:57	1	-0.0024	1.00	
41	A8A48604	05 Sep 2008	09:23:49	1	-0.0024	1.00	} RPD = ND
42	A8A48604MD	05 Sep 2008	09:24:41	1	-0.0024	1.00	
43	A8A48605	05 Sep 2008	09:25:33	1	-0.0024	1.00	
44	A8A48605MS	05 Sep 2008	09:26:25	1	0.1102	1.00	110.2 %. @ 0.1 ppm
45	A8A48606	05 Sep 2008	09:27:18	1	-0.0024	1.00	
46	A8A48607	05 Sep 2008	09:28:12	1	-0.0024	1.00	
47	A8A48608	05 Sep 2008	09:29:06	1	-0.0024	1.00	
48	A8A48901	05 Sep 2008	09:30:00	1	0.0107	1.00	
49	lcs#41@0.25	05 Sep 2008	09:30:55	1	0.2622	1.00	104.8 %.
50	mblk#42	05 Sep 2008	09:31:48	1	-0.0024	1.00	< 0.01
51	A8A52201	05 Sep 2008	09:32:41	1	0.0282	1.00	
52	A8A62901	05 Sep 2008	09:33:34	1	-0.0024	1.00	
53	A8A55201	05 Sep 2008	09:34:27	1	-0.0024	1.00	
54	A8A55202	05 Sep 2008	09:35:20	1	-0.0024	1.00	
55	A8A55203	05 Sep 2008	09:36:13	1	-0.0024	1.00	
56	A8A55204	05 Sep 2008	09:37:07	1	-0.0024	1.00	
57	A8A55205	05 Sep 2008	09:37:59	1	-0.0024	1.00	
58	A8A55206	05 Sep 2008	09:38:51	1	-0.0024	1.00	
59	A8A55207	05 Sep 2008	09:39:43	1	-0.0024	1.00	
60	A8A55208	05 Sep 2008	09:40:35	1	-0.0024	1.00	

OPERATOR: Lachat1
ACQ. TIME: Sep 5, 2008 8:47:16
DATA FILENAME: C:\OMNION\DATA\CN09058A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 96

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
61	lcs#41@0.25	05 Sep 2008	09:41:29	1	0.2673	106.9%
62	mblk#42	05 Sep 2008	09:42:24	1	-0.0024	<0.01
63	A8A55209	05 Sep 2008	09:43:18	1	-0.0024	> RPD=ND
64	A8A55209MD	05 Sep 2008	09:44:12	1	-0.0024	
65	A8A55210	05 Sep 2008	09:45:06	1	-0.0024	
66	A8A55210MS	05 Sep 2008	09:46:00	1	0.1227	122.7% @ 0.1ppm
73	lcs#41@0.25	05 Sep 2008	09:46:52	1	0.2641	105.6%
74	mblk#42	05 Sep 2008	09:47:44	1	-0.0024	<0.01

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME:Batch Start (s): Sep 5, 2008 8:47:16
DATA FILENAME: C:\OMNION\DATA\CN09058A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09058A.TRA

TRAY DESCRIPTION:
Created: Sep 5, 2008 8:36:58
Modified: Sep 5, 2008 8:36:58

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	05 Sep 2008	08:47:19	1	12131597.0000
2	mblk#2	05 Sep 2008	08:48:12	1	0.0000
3	lcs P156-502 1:2	05 Sep 2008	08:49:22	1	10952755.0000
4	lcs D057-541 1:5	05 Sep 2008	08:50:15	1	4267367.0000
5	A8A67601	05 Sep 2008	08:51:08	1	0.0000
6	A8A67602	05 Sep 2008	08:52:02	1	0.0000
7	A8A47509	05 Sep 2008	08:52:55	1	0.0000
8	A8A52702	05 Sep 2008	08:53:48	1	0.0000
9	A8A52703	05 Sep 2008	08:54:40	1	0.0000
10	A8A52704	05 Sep 2008	08:55:32	1	0.0000
11	A8A52704MS	05 Sep 2008	08:56:24	1	3445402.0000
12	A8A52704SD	05 Sep 2008	08:57:16	1	3066010.0000
13	lcs#1@0.4	05 Sep 2008	08:58:09	1	12505216.0000
14	mblk#2	05 Sep 2008	08:59:01	1	0.0000
15	A8A52705	05 Sep 2008	08:59:53	1	0.0000
16	A8A52706	05 Sep 2008	09:00:46	1	509773.0000
17	A8A52708	05 Sep 2008	09:01:39	1	0.0000
18	A8A62501	05 Sep 2008	09:02:33	1	10731840.0000
19	A8A62502	05 Sep 2008	09:03:26	1	0.0000
20	A8A62503	05 Sep 2008	09:04:19	1	11228288.0000
21	A8A62504	05 Sep 2008	09:05:12	1	0.0000
22	A8A62505	05 Sep 2008	09:06:05	1	11444378.0000
23	A8A47507	05 Sep 2008	09:06:59	1	0.0000
24	A8A62506	05 Sep 2008	09:07:52	1	3318938.0000
25	lcs#21@0.25	05 Sep 2008	09:08:44	1	7205248.0000
26	mblk#22	05 Sep 2008	09:09:36	1	0.0000

OPERATOR: Lachat1
ACQ. TIME: Sep 5, 2008 8:47:16
DATA FILENAME: C:\OMNION\DATA\CN09058A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	A8A62507	05 Sep 2008	09:11:27	1	0.0000	1.00
28	A8A62508	05 Sep 2008	09:12:19	1	0.0000	1.00
29	A8A66801	05 Sep 2008	09:13:11	1	9381031.0000	1.00
30	A8A66901	05 Sep 2008	09:14:03	1	0.0000	1.00
31	A8A67001	05 Sep 2008	09:14:57	1	370355.0000	1.00
32	A8A67301	05 Sep 2008	09:15:52	1	0.0000	1.00
33	A8A67302	05 Sep 2008	09:16:45	1	0.0000	1.00
34	A8A67303	05 Sep 2008	09:17:38	1	0.0000	1.00
35	A8A48401	05 Sep 2008	09:18:31	1	0.0000	1.00
36	A8A48601	05 Sep 2008	09:19:24	1	0.0000	1.00
37	lcs#21@0.25	05 Sep 2008	09:20:17	1	7325645.0000	1.00
38	mblk#22	05 Sep 2008	09:21:11	1	0.0000	1.00
39	A8A48602	05 Sep 2008	09:22:04	1	0.0000	1.00
40	A8A48603	05 Sep 2008	09:22:57	1	0.0000	1.00
41	A8A48604	05 Sep 2008	09:23:49	1	0.0000	1.00
42	A8A48604MD	05 Sep 2008	09:24:41	1	0.0000	1.00
43	A8A48605	05 Sep 2008	09:25:33	1	0.0000	1.00
44	A8A48605MS	05 Sep 2008	09:26:25	1	3362266.0000	1.00
45	A8A48606	05 Sep 2008	09:27:18	1	0.0000	1.00
46	A8A48607	05 Sep 2008	09:28:12	1	0.0000	1.00
47	A8A48608	05 Sep 2008	09:29:06	1	0.0000	1.00
48	A8A48901	05 Sep 2008	09:30:00	1	391744.0000	1.00
49	lcs#41@0.25	05 Sep 2008	09:30:55	1	7895706.0000	1.00
50	mblk#42	05 Sep 2008	09:31:48	1	0.0000	1.00
51	A8A52201	05 Sep 2008	09:32:41	1	915456.0000	1.00
52	A8A62901	05 Sep 2008	09:33:34	1	0.0000	1.00
53	A8A55201	05 Sep 2008	09:34:27	1	0.0000	1.00
54	A8A55202	05 Sep 2008	09:35:20	1	0.0000	1.00
55	A8A55203	05 Sep 2008	09:36:13	1	0.0000	1.00
56	A8A55204	05 Sep 2008	09:37:07	1	0.0000	1.00
57	A8A55205	05 Sep 2008	09:37:59	1	0.0000	1.00
58	A8A55206	05 Sep 2008	09:38:51	1	0.0000	1.00
59	A8A55207	05 Sep 2008	09:39:43	1	0.0000	1.00
60	A8A55208	05 Sep 2008	09:40:35	1	0.0000	1.00

OPERATOR: Lachat1
ACQ. TIME: Sep 5, 2008 8:47:16
DATA FILENAME: C:\OMNION\DATA\CN09058A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 96

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
61	lcs#41@0.25	05 Sep 2008	09:41:29	1	8049357.0000
62	mblk#42	05 Sep 2008	09:42:24	1	0.0000
63	A8A55209	05 Sep 2008	09:43:18	1	0.0000
64	A8A55209MD	05 Sep 2008	09:44:12	1	0.0000
65	A8A55210	05 Sep 2008	09:45:06	1	0.0000
66	A8A55210MS	05 Sep 2008	09:46:00	1	3734336.0000
73	lcs#41@0.25	05 Sep 2008	09:46:52	1	7953703.0000
74	mblk#42	05 Sep 2008	09:47:44	1	0.0000

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	A8B21747 Comments
9/4/08	RMM	LCS	40 ppm	1	50	N/A	400ul	✓	
		MBLK	Blank	2			N/A	N/A	
		LCS	P156-502	3			250 ul	✓	
		LCS	D057-541	4	NA	.5126	N/A	✓	
		A626	01	5	50	N/A		N/A	TOTAL
			02	6					
		A475	09	7					
		A527	02	8					
			03	9					
			04	10					
			04MS	11			100ul	✓	
			04SD	12			100ul	✓	
			05	13			N/A	N/A	
			06	14					
			08	15					
		A625	01	16					
			02	17					
			03	18					
			04	19					
			05	20					

Start Time 9:00 End Time 14:00 H_2S ✓ Cl_2 ✓ ERA Water Lot# CHD-10-6

Magnesium Chloride: CHD-13-F Cyanide Total Standard: N/A ERA Soil Lot# CHC-20-B

Sulmafic Acid: 12-4-D Cyanide Intermediate Standard 12-12-F Block Temp Check:

0.25N NaOH: CHD-13-G Cyanide Free Standard: N/A Block# 1 Temp °C 108 Cell# 1

Acetate Buffer: N/A Zinc Acetate: N/A Block# _____ Temp °C _____ Cell# _____

Other: CHD-13-I Reviewed By _____ Date _____

3592/3648

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/4/08	DMM	LCS	.25 ppm	21	50	N/A	250 ul	✓	
		MBLK	BLANK	22	"	"	N/A	N/A	
		A475	07	23	N/A	.5303			TOTAL
		A625	06	24	50	N/A			
		"	07	25					
		"	08	26					
		A668	01	27					
		A669	01	28					
		A670	01	29					
		A673	01	30					
9.04.08	RK	A673	02	31	50 ML				
		"	03	32					
		A484	01	33					
		A486	01	34					
			02	35					
			03	36					
			04	37					
			04 MD	38					
			05	39					
			05 MS	40			100 ML	✓	

Start Time_____ End Time_____ H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard:_____

Cyanide Intermediate Standard SEE PAGE 190

Cyanide Free Standard:_____

Zinc Acetate:_____

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____ Cell#_____

Block#_____Temp °C_____ Cell#_____

Reviewed By_____ Date_____

3593/3648

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
09-04-08	RK	LCS	0.25PPM	41	50mL	NA	250µL	✓	
		MBlk	Blank	42					
		A486	06	43					
			07	44					
			08	45					
		A489	01	46					
		A522	01	47					
		A629	01	48					
		A552	01	49					
		A552	02	50					
			03	51					
			04	52					
			05	53					
			06	54					
			07	55					
			08	56					
			09	57					
			09 MD	58					
			10	59					
			10 MS	60			100µL	✓	

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

See Page 190

WET CHEMISTRY BATCH SUMMARY 3595/3648

PARAMETER Cyanide METHOD 335.4 BATCH 48821935

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	A522o1
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	(YES)	NO	NA	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 6

Analyst ERK Date 9/10/08

Time Critical Batch Review _____ Date _____

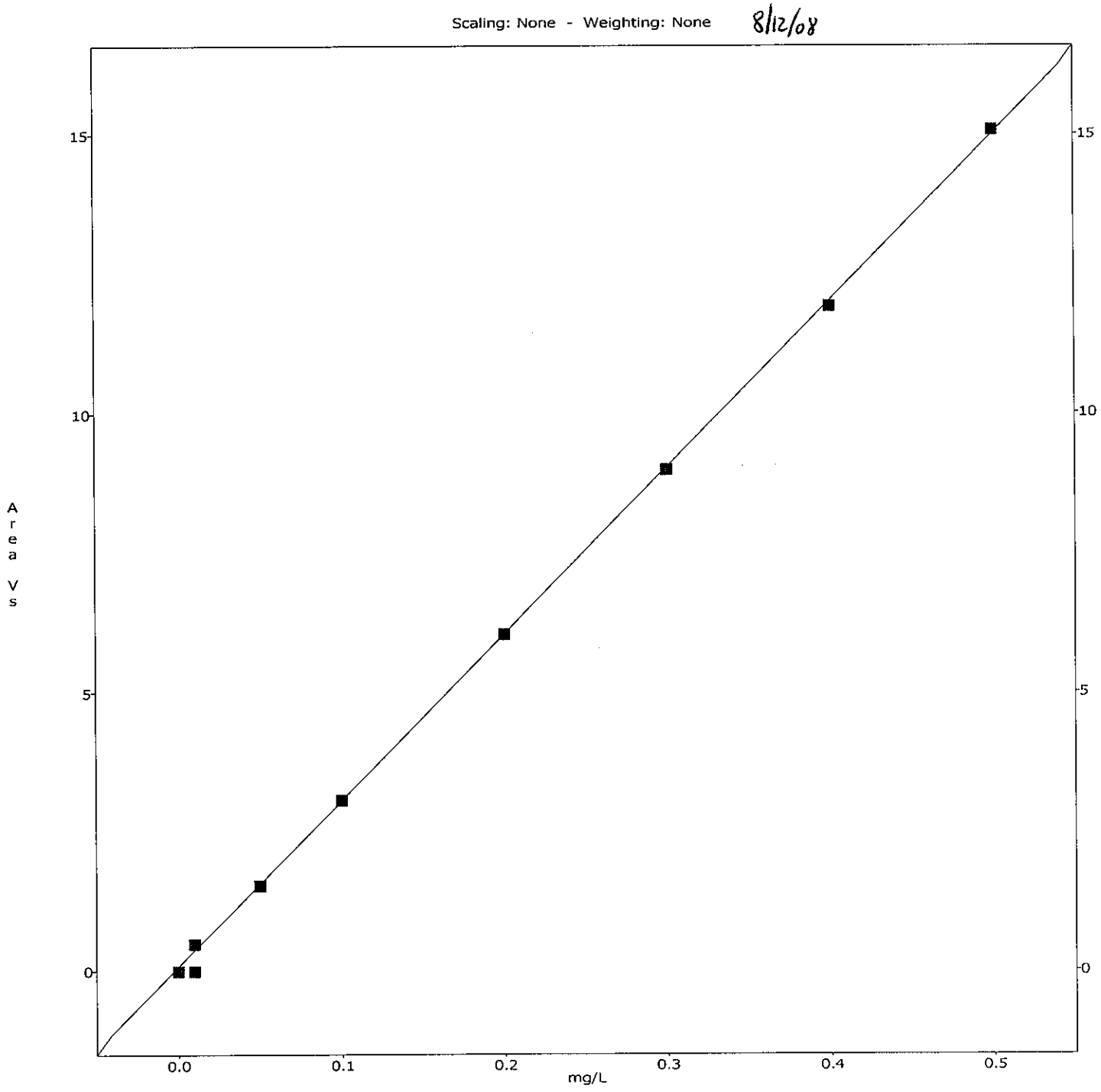
Secondary Review & Closure Lisa L Mateo Date 10 Sept 2008

WC Summary Rev5 / 05-2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	15079283	0.50	15079283					0.0	0.0	-0.6
2	11919565	0.40	11919565					0.0	0.0	0.7
3	8988941	0.30	8988941					0.0	0.0	0.4
4	6037748	0.20	6037748					0.0	0.0	0.0
5	3074407	0.10	3074407					0.0	0.0	-0.6
6	1541888	0.05	1541888					0.0	0.0	1.5
7	488755	0.01	488755	0	0	0		244377.5	200.0	-39.4
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

1st Order Poly
Conc = 3.351e-008 Area - 2.440e-003
r = 0.9999



Printed: Wednesday, September 10, 2008 - 10:32 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502
Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502
Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541
Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502
Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 AUGUST 2008
INT STD = 16-140-C

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

A8321935

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Sep 10, 2008 9:51:59
DATA FILENAME: C:\OMNION\DATA\CN09108A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09108A.TRA

TRAY DESCRIPTION:
Created: Sep 10, 2008 9:14:01
Modified: Sep 10, 2008 10:24:05

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	10 Sep 2008	09:52:02	1	0.4007	100.1%
2	mblk#2	10 Sep 2008	09:52:55	1	-0.0024	L.O.I
3	lcs P156-502 1:2	10 Sep 2008	09:53:48	1	0.4102	108.3%
4	lcs D057-541 1:5	10 Sep 2008	09:54:42	1	0.1482	92%
5	a8a52201	10 Sep 2008	09:55:35	1	0.0441	
6	a8a76001	10 Sep 2008	09:56:28	1	0.0154	
7	a8a84701	10 Sep 2008	09:57:21	1	3.1280	over curve, rerun, see cup 33
8	a8a84702	10 Sep 2008	09:58:14	1	0.3034	
9	a8a84703	10 Sep 2008	09:59:06	1	0.2843	
10	a8a71302	10 Sep 2008	09:59:59	1	-0.0024	
11	a8a61310	10 Sep 2008	10:00:51	1	-0.0024	
12	a8a61311	10 Sep 2008	10:01:43	1	-0.0024	
13	lcs#1@0.4	10 Sep 2008	10:02:35	1	0.3915	97.8%
14	mblk#2	10 Sep 2008	10:03:27	1	-0.0024	L.O.I
15	a8a61312	10 Sep 2008	10:04:19	1	-0.0024	
16	a8a62903	10 Sep 2008	10:05:13	1	0.0446	
17	a8a62904	10 Sep 2008	10:06:06	1	-0.0024	
18	a8a62905	10 Sep 2008	10:06:59	1	-0.0024	
19	a8a61313	10 Sep 2008	10:07:52	1	-0.0024	
20	a8a61313ms	10 Sep 2008	10:08:45	1	0.1016	rerun, misplaced SD, see cups 34,35
21	a8a61313sd	10 Sep 2008	10:09:38	1	0.0196	
22	a8a61315	10 Sep 2008	10:10:32	1	-0.0024	
23	a8a61316	10 Sep 2008	10:11:25	1	0.0252	
24	a8a61317	10 Sep 2008	10:12:18	1	-0.0024	
25	lcs#21@0.25	10 Sep 2008	10:13:10	1	0.2470	98.8%
26	mblk#22	10 Sep 2008	10:14:02	1	-0.0024	L.O.I

OPERATOR: eric
ACQ. TIME: Sep 10, 2008 9:51:59
DATA FILENAME: C:\OMNION\DATA\CN09108A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 64

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	a8a84502	10 Sep 2008	10:14:54	1	-0.0024	1.00	
28	a8a84503	10 Sep 2008	10:15:46	1	0.0824	1.00	
29	a8a84503ms	10 Sep 2008	10:16:39	1	0.1821	1.00	rerun, Poor RPD. See cups 36,39
30	a8a84503sd	10 Sep 2008	10:17:31	1	0.2303	1.00	
31	a8a84504	10 Sep 2008	10:18:25	1	0.0768	1.00	
32	a8a84505	10 Sep 2008	10:19:19	1	1.0447	1.00	over curve, rerun, see cup 40
33	A8A84701/20*	10 Sep 2008	10:20:12	1	0.2913	1.00	
34	A8A61313MS	10 Sep 2008	10:21:05	1	0.1092	1.00	109%
35	A8A61313SD	10 Sep 2008	10:21:59	1	0.1096	1.00	109% @.1ppm
36	A8A84503MS	10 Sep 2008	10:22:52	1	0.1801	1.00	97% @.1ppm
37	lcs#21@0.25	10 Sep 2008	10:23:45	1	0.2451	1.00	98.0%
38	mblk#22	10 Sep 2008	10:24:38	1	-0.0024	1.00	L.01
39	A8A84503SD	10 Sep 2008	10:25:31	1	0.1825	1.00	100% @.1ppm
40	A8A84505/5*	10 Sep 2008	10:26:24	1	0.2286	1.00	
49	lcs#21@0.25	10 Sep 2008	10:27:18	1	0.2455	1.00	98.2%
50	mblk#22	10 Sep 2008	10:28:11	1	-0.0024	1.00	L.01

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric **Direct**
ACQ. TIME: Sep 10, 2008 9:51:59
DATA FILENAME: C:\OMNION\DATA\CN09108A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09108A.TRA

TRAY DESCRIPTION:
Created: Sep 10, 2008 9:14:01
Modified: Sep 10, 2008 10:24:05

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	10 Sep 2008	09:52:02	1	12030426.0000
2	mblk#2	10 Sep 2008	09:52:55	1	0.0000
3	lcs P156-502 1:2	10 Sep 2008	09:53:48	1	12314048.0000
4	lcs D057-541 1:5	10 Sep 2008	09:54:42	1	4493645.0000
5	a8a52201	10 Sep 2008	09:55:35	1	1388582.0000
6	a8a76001	10 Sep 2008	09:56:28	1	532646.0000
7	a8a84701	10 Sep 2008	09:57:21	1	3407672.0000
8	a8a84702	10 Sep 2008	09:58:14	1	9126643.0000
9	a8a84703	10 Sep 2008	09:59:06	1	8555328.0000
10	a8a71302	10 Sep 2008	09:59:59	1	0.0000
11	a8a61310	10 Sep 2008	10:00:51	1	0.0000
12	a8a61311	10 Sep 2008	10:01:43	1	0.0000
13	lcs#1@0.4	10 Sep 2008	10:02:35	1	11754125.0000
14	mblk#2	10 Sep 2008	10:03:27	1	0.0000
15	a8a61312	10 Sep 2008	10:04:19	1	0.0000
16	a8a62903	10 Sep 2008	10:05:13	1	1402714.0000
17	a8a62904	10 Sep 2008	10:06:06	1	0.0000
18	a8a62905	10 Sep 2008	10:06:59	1	0.0000
19	a8a61313	10 Sep 2008	10:07:52	1	0.0000
20	a8a61313ms	10 Sep 2008	10:08:45	1	3103527.0000
21	a8a61313sd	10 Sep 2008	10:09:38	1	658445.0000
22	a8a61315	10 Sep 2008	10:10:32	1	0.0000
23	a8a61316	10 Sep 2008	10:11:25	1	825651.0000
24	a8a61317	10 Sep 2008	10:12:18	1	0.0000
25	lcs#21@0.25	10 Sep 2008	10:13:10	1	7444045.0000
26	mblk#22	10 Sep 2008	10:14:02	1	0.0000

OPERATOR: eric
ACQ. TIME: Sep 10, 2008 9:51:59
DATA FILENAME: C:\OMNION\DATA\CN09108A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 64

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	a8a84502	10 Sep 2008	10:14:54	1	0.0000	1.00
28	a8a84503	10 Sep 2008	10:15:46	1	2531763.0000	1.00
29	a8a84503ms	10 Sep 2008	10:16:39	1	5505524.0000	1.00
30	a8a84503sd	10 Sep 2008	10:17:31	1	6945357.0000	1.00
31	a8a84504	10 Sep 2008	10:18:25	1	2364301.0000	1.00
32	a8a84505	10 Sep 2008	10:19:19	1	31246324.0000	1.00
33	A8A84701/20*	10 Sep 2008	10:20:12	1	8763431.0000	1.00
34	A8A61313MS	10 Sep 2008	10:21:05	1	3330432.0000	1.00
35	A8A61313SD	10 Sep 2008	10:21:59	1	3342093.0000	1.00
36	A8A84503MS	10 Sep 2008	10:22:52	1	5446708.0000	1.00
37	lcs#21@0.25	10 Sep 2008	10:23:45	1	7386637.0000	1.00
38	mblk#22	10 Sep 2008	10:24:38	1	0.0000	1.00
39	A8A84503SD	10 Sep 2008	10:25:31	1	5519053.0000	1.00
40	A8A84505/5*	10 Sep 2008	10:26:24	1	6894452.0000	1.00
49	lcs#21@0.25	10 Sep 2008	10:27:18	1	7398823.0000	1.00
50	mblk#22	10 Sep 2008	10:28:11	1	0.0000	1.00

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	A8B01935 Comments
9/8/08	KD	LCS	4PPM	1	50		400ul	✓	
		MBL	Blank	2					
		LCS	P156-502	3			250ul	✓	
		LCS	D057-541	4		0.5228			
		A522	A8A52201	5					
		A760	A8A76001	6					
		A847	A8A84701	7					
		↓	02	8					
		↓	03	9					
		A713	A8A71302	10					
		A613	A8A16B10	11		0.6414			
		↓	11	12		0.7084			
		↓	12	13		0.8890			
		A629	A8A162903	14		0.9723			
		↓	04	15		0.8257			
		↓	05	16		0.6461			
		A613	A8A61313	17		0.5411			
		↓	13MS	18		0.5082	100ul	✓	
		↓	13SD	19		0.6397	↓	✓	
↓	↓	↓	15	20	↓	0.5532			

Start Time 11:00 End Time 15:30 H_2S ✓ Cl_2 ✓

ERA Water Lot# CHD-10-G

Magnesium Chloride: CHD-13-F

Cyanide Total Standard:

ERA Soil Lot# CHC-20-B

Sulmafic Acid: 12-12-D

Cyanide Intermediate Standard 12-12-E

Block Temp Check:

0.25N NaOH: CHD-13-G

Cyanide Free Standard:

Block# 1 Temp °C 109 Cell# 4

Acetate Buffer:

Zinc Acetate:

Block# Temp °C Cell#

Other: CHD-10-B, CHD3I

Reviewed By Date

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/8/08	KD	LCS	.25PPM	21	50		200ul	✓	
		MBLK	Blank	22					
		A6B3	16	23		0.6130			
		1	17	24		0.5644			
		A845	A8A84502	25					Total
			03	26					
			0345	27			100ul	✓	
			0350	28			1	✓	
			04	29					
			05	30					
				KD	9/8/08				

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard:_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

3603/3648

WET CHEMISTRY BATCH SUMMARY 3604/3648

PARAMETER Cyanide METHOD 335.4 BATCH A8B21982

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	A83615
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	A84503
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	(YES)	NO	NA	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 34

Analyst ERK Date 9/10/08

Time Critical Batch Review _____ Date _____

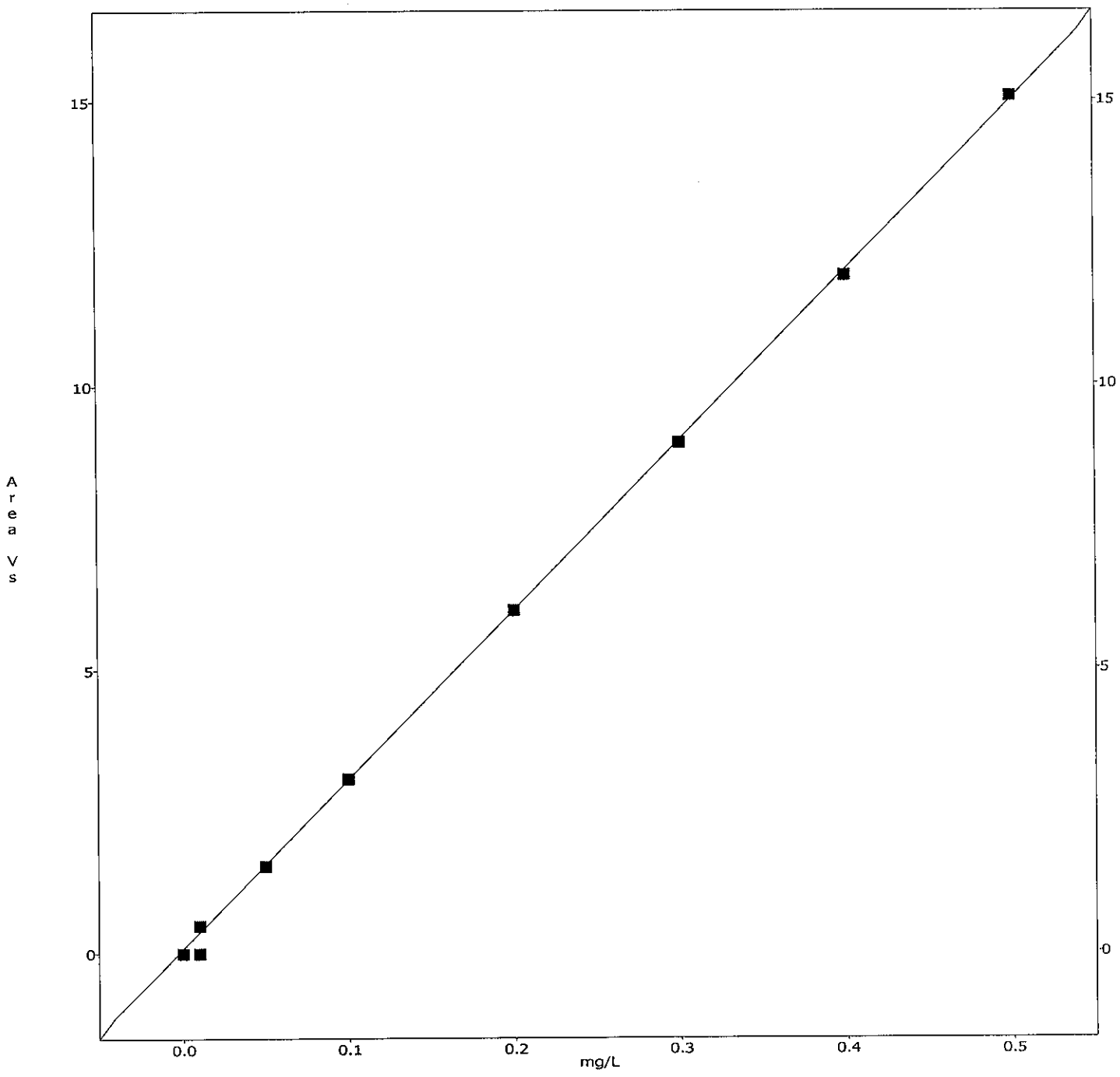
Secondary Review & Closure Lisa R Mitchell Date 10 Sept 2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	15079283	0.50	15079283					0.0	0.0	-0.6
2	11919565	0.40	11919565					0.0	0.0	0.7
3	8988941	0.30	8988941					0.0	0.0	0.4
4	6037748	0.20	6037748					0.0	0.0	0.0
5	3074407	0.10	3074407					0.0	0.0	-0.6
6	1541888	0.05	1541888					0.0	0.0	1.5
7	488755	0.01	488755	0	0	0		244377.5	200.0	-39.4
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

1st Order Poly
Conc = 3.351e-008 Area - 2.440e-003
r = 0.9999

Scaling: None - Weighting: None 8/12/08



Printed: Wednesday, September 10, 2008 - 12:06 PM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502 Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502 Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541 Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502 Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 AUGUST 2008
INT STD = 16-140-C

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Sep 10, 2008 10:48:02
DATA FILENAME: C:\OMNION\DATA\CN09108B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09108B.TRA

A8821982

TRAY DESCRIPTION:
Created: Sep 10, 2008 9:21:03
Modified: Sep 10, 2008 11:58:52

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	10 Sep 2008	10:48:05	1	0.3894	97.3%
2	mblk#2	10 Sep 2008	10:48:58	1	-0.0024	<.01
3	lcs P156-502 1:2	10 Sep 2008	10:49:51	1	0.4297	113%, in ERA range
4	lcs D057-541 1:5	10 Sep 2008	10:50:45	1	0.1396	82%
5	a8a84506	10 Sep 2008	10:51:38	1	-0.0024	
6	a8a84507	10 Sep 2008	10:52:31	1	0.2656	
7	a8a84508	10 Sep 2008	10:53:24	1	-0.0024	
8	a8a84509	10 Sep 2008	10:54:17	1	0.0256	
9	a8a84510	10 Sep 2008	10:55:09	1	0.0601	
10	a8a84511	10 Sep 2008	10:56:01	1	-0.0024	
11	a8a84512	10 Sep 2008	10:56:54	1	0.0088	
12	a8a84513	10 Sep 2008	10:57:46	1	-0.0024	
13	lcs#1@0.4	10 Sep 2008	10:58:38	1	0.3836	95.9%
14	mblk#2	10 Sep 2008	10:59:30	1	-0.0024	<.01
15	a8a84514	10 Sep 2008	11:00:22	1	-0.0024	
16	a8a84515	10 Sep 2008	11:01:15	1	-0.0024	
17	a8a59102	10 Sep 2008	11:02:10	1	-0.0024	
18	a8a61301	10 Sep 2008	11:03:03	1	-0.0024	
19	a8a61302	10 Sep 2008	11:03:56	1	-0.0024	
20	a8a61305	10 Sep 2008	11:04:49	1	0.0145	See cup 67
21	a8a84506md	10 Sep 2008	11:05:42	1	-0.0024	
22	a8a84507ms	10 Sep 2008	11:06:35	1	0.4386	
23	a8a61306	10 Sep 2008	11:07:29	1	-0.0024	
24	a8a61308	10 Sep 2008	11:08:22	1	-0.0024	
25	lcs#21@0.25	10 Sep 2008	11:09:14	1	0.2463	98.5%
26	mblk#22	10 Sep 2008	11:10:06	1	0.0139	>.01

OPERATOR: eric
ACQ. TIME: Sep 10, 2008 10:48:02
DATA FILENAME: C:\OMNION\DATA\CN09108B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	a8a62902	10 Sep 2008	11:10:58	1	-0.0024	1.00	
28	a8a69001	10 Sep 2008	11:11:50	1	-0.0024	1.00	
29	a8a71301	10 Sep 2008	11:12:42	1	0.0217	1.00	MBLK failure, see cup 3 of rerun
30	a8a83603	10 Sep 2008	11:13:34	1	0.1455	1.00	" " , " " 4 " "
31	a8a83606	10 Sep 2008	11:14:29	1	0.1843	1.00	" " , " " 5 " "
32	a8a83607	10 Sep 2008	11:15:23	1	2.8551	1.00	over curve, see cup 6 of rerun
33	a8a94001	10 Sep 2008	11:16:16	1	2.9512	1.00	" " , " " 7 " "
34	a8a94002	10 Sep 2008	11:17:09	1	0.1476	1.00	MBLK failure, see cup 8 of rerun
35	a8a94003	10 Sep 2008	11:18:02	1	0.2763	1.00	" " , " " 9 " "
36	a8a94004	10 Sep 2008	11:18:56	1	0.7317	1.00	over curve, see cup 10 of rerun
37	lcs#21@0.25	10 Sep 2008	11:19:49	1	0.2456	1.00	98.2%
38	mblk#22	10 Sep 2008	11:20:42	1	0.0232	1.00	7.01
39	a8a83612	10 Sep 2008	11:21:35	1	-0.0024	1.00	
40	a8a83613	10 Sep 2008	11:22:28	1	-0.0024	1.00	
41	a8a83614	10 Sep 2008	11:23:20	1	-0.0024	1.00	
42	a8a83615	10 Sep 2008	11:24:12	1	0.0317	1.00	MBLK failure, see cup 11 of rerun
43	a8a83614md	10 Sep 2008	11:25:05	1	0.0273	1.00	" " , " " 12 " "
44	a8a83615ms	10 Sep 2008	11:25:57	1	0.1562	1.00	" " , " " 15 " "
45	a8a83603 f	10 Sep 2008	11:26:49	1	-0.0024	1.00	
46	a8a83606 f	10 Sep 2008	11:27:43	1	0.0308	1.00	MBLK failure, see cup 16 of rerun
47	a8a83607 f	10 Sep 2008	11:28:37	1	0.0192	1.00	" " , " " 17 " "
48	a8a83608 f	10 Sep 2008	11:29:32	1	-0.0024	1.00	
49	lcs#41@0.25	10 Sep 2008	11:30:26	1	0.2524	1.00	100.9%
50	mblk#42	10 Sep 2008	11:31:19	1	0.0129	1.00	7.01
51	a8a83609 f	10 Sep 2008	11:32:12	1	-0.0024	1.00	
52	a8a83610 f	10 Sep 2008	11:33:05	1	-0.0024	1.00	
53	a8a83611 f	10 Sep 2008	11:33:58	1	-0.0024	1.00	
54	a8a83612 f	10 Sep 2008	11:34:52	1	-0.0024	1.00	
55	a8a83613 f	10 Sep 2008	11:35:45	1	-0.0024	1.00	
56	a8a83614 f	10 Sep 2008	11:36:38	1	-0.0024	1.00	
57	a8a83615 f	10 Sep 2008	11:37:30	1	-0.0024	1.00	
58	a8a84502 f	10 Sep 2008	11:38:22	1	-0.0024	1.00	
59	a8a84503 f	10 Sep 2008	11:39:14	1	0.0241	1.00	MBLK failure, see cup 18 of rerun
60	a8a84503ms f	10 Sep 2008	11:40:06	1	0.0979	1.00	" " , " " 19 " "

OPERATOR: eric
ACQ. TIME: Sep 10, 2008 10:48:02
DATA FILENAME: C:\OMNION\DATA\CN09108B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 96

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
61	lcs#41@0.25	10 Sep 2008	11:41:01	1	0.2477	99.0%
62	mblk#42	10 Sep 2008	11:41:55	1	0.0145	>.01
63	a8a84503sd f	10 Sep 2008	11:42:49	1	0.0872	MBLK failure, see cup 20 of rerun
64	a8a84504 f	10 Sep 2008	11:43:43	1	0.0175	" " " " 21 " "
65	a8a84505 f	10 Sep 2008	11:44:38	1	0.0548	" " " " 22 " "
66	a8a84506 f	10 Sep 2008	11:45:32	1	-0.0024	
67	A8A61305	10 Sep 2008	11:46:25	1	-0.0024	
68	A8A61305MD	10 Sep 2008	11:47:18	1	-0.0024	RPD=&
69	A8A71301	10 Sep 2008	11:48:11	1	0.0146	
70	A8A83603	10 Sep 2008	11:49:04	1	0.1438	MBLK failure
71	A8A83606	10 Sep 2008	11:49:57	1	0.1873	
72	A8A83607/20*	10 Sep 2008	11:50:50	1	0.2548	
73	lcs#41@0.25	10 Sep 2008	11:51:43	1	0.2489	99.5%
74	mblk#42	10 Sep 2008	11:52:36	1	0.0216	7.01
75	A8A94001/20*	10 Sep 2008	11:53:28	1	0.2905	
76	A8A94002	10 Sep 2008	11:54:22	1	0.1476	
77	A8A94003	10 Sep 2008	11:55:17	1	0.2858	
78	A8A94004/2*	10 Sep 2008	11:56:11	1	0.3609	MBLK failure
79	A8A83615	10 Sep 2008	11:57:05	1	0.0341	
80	A8A83614MD	10 Sep 2008	11:57:59	1	0.0271	
81	A8A83615MS	10 Sep 2008	11:58:54	1	0.1584	
82	A8A83606 F	10 Sep 2008	11:59:47	1	0.0305	
83	A8A83607 F	10 Sep 2008	12:00:40	1	0.0187	
84	A8A84503 F	10 Sep 2008	12:01:33	1	0.0177	
85	lcs#41@0.25	10 Sep 2008	12:02:26	1	0.2517	100.6%
86	mblk#42	10 Sep 2008	12:03:19	1	-0.0024	L.01

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Sep 10, 2008 12:50:55
DATA FILENAME: C:\OMNION\DATA\CN09108C.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09108C.TRA

Reruns

TRAY DESCRIPTION:
Created: Sep 10, 2008 12:47:23
Modified: Sep 10, 2008 12:55:45

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#21@0.25	10 Sep 2008	12:50:58	1	0.2353	94.1%
2	mblk#22	10 Sep 2008	12:51:51	1	-0.0024	L.O.I
3	A8A71301	10 Sep 2008	12:54:06	1	0.0136	
4	A8A83603	10 Sep 2008	12:54:59	1	0.1368	
5	A8A83606	10 Sep 2008	12:55:52	1	0.1911	
6	A8A83607/20*	10 Sep 2008	12:56:45	1	0.2506	
7	A8A94001/20*	10 Sep 2008	12:57:39	1	0.2784	
8	A8A94002	10 Sep 2008	12:58:32	1	0.1413	
9	A8A94003	10 Sep 2008	12:59:24	1	0.2747	
10	A8A94004/2*	10 Sep 2008	13:00:16	1	0.3466	
11	A8A83615	10 Sep 2008	13:01:08	1	0.0313	
12	A8A83614MD	10 Sep 2008	13:02:00	1	-0.0024	
13	lcs#21@0.25	10 Sep 2008	13:02:52	1	0.2435	97.4%
14	mblk#22	10 Sep 2008	13:03:45	1	-0.0024	L.O.I
15	A8A83615MS	10 Sep 2008	13:04:37	1	0.1536	
16	A8A83606 F	10 Sep 2008	13:05:30	1	0.0228	
17	A8A83607 F	10 Sep 2008	13:06:24	1	0.0185	
18	A8A84503 F	10 Sep 2008	13:07:17	1	0.0324	
19	A8A84503MS F	10 Sep 2008	13:08:11	1	0.1036	71%
20	A8A84503SD F	10 Sep 2008	13:09:04	1	0.0964	64% } @ 0.1ppm, RPD = 7.2%
21	A8A84504 F	10 Sep 2008	13:09:57	1	0.0158	
22	A8A84505 F	10 Sep 2008	13:10:50	1	0.0494	
25	lcs#41@0.25	10 Sep 2008	13:11:43	1	0.2472	98.8%
26	mblk#42	10 Sep 2008	13:12:35	1	-0.0024	L.O.I

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Sep 10, 2008 10:48:02
DATA FILENAME: C:\OMNION\DATA\CN09108B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09108B.TRA

TRAY DESCRIPTION:
Created: Sep 10, 2008 9:21:03
Modified: Sep 10, 2008 11:58:52

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	10 Sep 2008	10:48:05	1	11693171.0000
2	mblk#2	10 Sep 2008	10:48:58	1	0.0000
3	lcs P156-502 1:2	10 Sep 2008	10:49:51	1	12893824.0000
4	lcs D057-541 1:5	10 Sep 2008	10:50:45	1	4239079.0000
5	a8a84506	10 Sep 2008	10:51:38	1	0.0000
6	a8a84507	10 Sep 2008	10:52:31	1	7997824.0000
7	a8a84508	10 Sep 2008	10:53:24	1	0.0000
8	a8a84509	10 Sep 2008	10:54:17	1	838029.0000
9	a8a84510	10 Sep 2008	10:55:09	1	1867341.0000
10	a8a84511	10 Sep 2008	10:56:01	1	0.0000
11	a8a84512	10 Sep 2008	10:56:54	1	334182.0000
12	a8a84513	10 Sep 2008	10:57:46	1	0.0000
13	lcs#1@0.4	10 Sep 2008	10:58:38	1	11517952.0000
14	mblk#2	10 Sep 2008	10:59:30	1	0.0000
15	a8a84514	10 Sep 2008	11:00:22	1	0.0000
16	a8a84515	10 Sep 2008	11:01:15	1	0.0000
17	a8a59102	10 Sep 2008	11:02:10	1	0.0000
18	a8a61301	10 Sep 2008	11:03:03	1	0.0000
19	a8a61302	10 Sep 2008	11:03:56	1	0.0000
20	a8a61305	10 Sep 2008	11:04:49	1	505062.0000
21	a8a84506md	10 Sep 2008	11:05:42	1	0.0000
22	a8a84507ms	10 Sep 2008	11:06:35	1	13159130.0000
23	a8a61306	10 Sep 2008	11:07:29	1	0.0000
24	a8a61308	10 Sep 2008	11:08:22	1	0.0000
25	lcs#21@0.25	10 Sep 2008	11:09:14	1	7421261.0000
26	mblk#22	10 Sep 2008	11:10:06	1	486694.0000

OPERATOR: eric
ACQ. TIME: Sep 10, 2008 10:48:02
DATA FILENAME: C:\OMNION\DATA\CN09108B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	a8a62902	10 Sep 2008	11:10:58	1	0.0000	1.00
28	a8a69001	10 Sep 2008	11:11:50	1	0.0000	1.00
29	a8a71301	10 Sep 2008	11:12:42	1	719411.0000	1.00
30	a8a83603	10 Sep 2008	11:13:34	1	4413735.0000	1.00
31	a8a83606	10 Sep 2008	11:14:29	1	5570791.0000	1.00
32	a8a83607	10 Sep 2008	11:15:23	1	35264232.0000	1.00
33	a8a94001	10 Sep 2008	11:16:16	1	38132904.0000	1.00
34	a8a94002	10 Sep 2008	11:17:09	1	4477991.0000	1.00
35	a8a94003	10 Sep 2008	11:18:02	1	8317274.0000	1.00
36	a8a94004	10 Sep 2008	11:18:56	1	21905766.0000	1.00
37	lcs#21@0.25	10 Sep 2008	11:19:49	1	7402112.0000	1.00
38	mblk#22	10 Sep 2008	11:20:42	1	765786.0000	1.00
39	a8a83612	10 Sep 2008	11:21:35	1	0.0000	1.00
40	a8a83613	10 Sep 2008	11:22:28	1	0.0000	1.00
41	a8a83614	10 Sep 2008	11:23:20	1	0.0000	1.00
42	a8a83615	10 Sep 2008	11:24:12	1	1018547.0000	1.00
43	a8a83614md	10 Sep 2008	11:25:05	1	886656.0000	1.00
44	a8a83615ms	10 Sep 2008	11:25:57	1	4733645.0000	1.00
45	a8a83603 f	10 Sep 2008	11:26:49	1	0.0000	1.00
46	a8a83606 f	10 Sep 2008	11:27:43	1	993280.0000	1.00
47	a8a83607 f	10 Sep 2008	11:28:37	1	645286.0000	1.00
48	a8a83608 f	10 Sep 2008	11:29:32	1	0.0000	1.00
49	lcs#41@0.25	10 Sep 2008	11:30:26	1	7603367.0000	1.00
50	mblk#42	10 Sep 2008	11:31:19	1	458432.0000	1.00
51	a8a83609 f	10 Sep 2008	11:32:12	1	0.0000	1.00
52	a8a83610 f	10 Sep 2008	11:33:05	1	0.0000	1.00
53	a8a83611 f	10 Sep 2008	11:33:58	1	0.0000	1.00
54	a8a83612 f	10 Sep 2008	11:34:52	1	0.0000	1.00
55	a8a83613 f	10 Sep 2008	11:35:45	1	0.0000	1.00
56	a8a83614 f	10 Sep 2008	11:36:38	1	0.0000	1.00
57	a8a83615 f	10 Sep 2008	11:37:30	1	0.0000	1.00
58	a8a84502 f	10 Sep 2008	11:38:22	1	0.0000	1.00
59	a8a84503 f	10 Sep 2008	11:39:14	1	790950.0000	1.00
60	a8a84503ms f	10 Sep 2008	11:40:06	1	2993434.0000	1.00

OPERATOR: eric
ACQ. TIME: Sep 10, 2008 10:48:02
DATA FILENAME: C:\OMNION\DATA\CN09108B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 96

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
61	lcs#41@0.25	10 Sep 2008	11:41:01	1	7463271.0000
62	mblk#42	10 Sep 2008	11:41:55	1	505523.0000
63	a8a84503sd f	10 Sep 2008	11:42:49	1	2676071.0000
64	a8a84504 f	10 Sep 2008	11:43:43	1	596339.0000
65	a8a84505 f	10 Sep 2008	11:44:38	1	1707635.0000
66	a8a84506 f	10 Sep 2008	11:45:32	1	0.0000
67	A8A61305	10 Sep 2008	11:46:25	1	0.0000
68	A8A61305MD	10 Sep 2008	11:47:18	1	0.0000
69	A8A71301	10 Sep 2008	11:48:11	1	508595.0000
70	A8A83603	10 Sep 2008	11:49:04	1	4364058.0000
71	A8A83606	10 Sep 2008	11:49:57	1	5660736.0000
72	A8A83607/20*	10 Sep 2008	11:50:50	1	7676378.0000
73	lcs#41@0.25	10 Sep 2008	11:51:43	1	7498292.0000
74	mblk#42	10 Sep 2008	11:52:36	1	717645.0000
75	A8A94001/20*	10 Sep 2008	11:53:28	1	8740685.0000
76	A8A94002	10 Sep 2008	11:54:22	1	4477479.0000
77	A8A94003	10 Sep 2008	11:55:17	1	8602125.0000
78	A8A94004/2*	10 Sep 2008	11:56:11	1	10842675.0000
79	A8A83615	10 Sep 2008	11:57:05	1	1090854.0000
80	A8A83614MD	10 Sep 2008	11:57:59	1	880960.0000
81	A8A83615MS	10 Sep 2008	11:58:54	1	4798477.0000
82	A8A83606 F	10 Sep 2008	11:59:47	1	983206.0000
83	A8A83607 F	10 Sep 2008	12:00:40	1	630029.0000
84	A8A84503 F	10 Sep 2008	12:01:33	1	602317.0000
85	lcs#41@0.25	10 Sep 2008	12:02:26	1	7584128.0000
86	mblk#42	10 Sep 2008	12:03:19	1	0.0000

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Peak Start (s): Sep 10, 2008 12:50:55
DATA FILENAME: C:\OMNION\DATA\CN09108C.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09108C.TRA

TRAY DESCRIPTION:
Created: Sep 10, 2008 12:47:23
Modified: Sep 10, 2008 12:55:45

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#21@0.25	10 Sep 2008	12:50:58	1	7095040.0000
2	mblk#22	10 Sep 2008	12:51:51	1	0.0000
3	A8A71301	10 Sep 2008	12:54:06	1	479936.0000
4	A8A83603	10 Sep 2008	12:54:59	1	4156173.0000
5	A8A83606	10 Sep 2008	12:55:52	1	5776013.0000
6	A8A83607/20*	10 Sep 2008	12:56:45	1	7548916.0000
7	A8A94001/20*	10 Sep 2008	12:57:39	1	8381044.0000
8	A8A94002	10 Sep 2008	12:58:32	1	4289024.0000
9	A8A94003	10 Sep 2008	12:59:24	1	8270554.0000
10	A8A94004/2*	10 Sep 2008	13:00:16	1	10415527.0000
11	A8A83615	10 Sep 2008	13:01:08	1	1006490.0000
12	A8A83614MD	10 Sep 2008	13:02:00	1	0.0000
13	lcs#21@0.25	10 Sep 2008	13:02:52	1	7337485.0000
14	mblk#22	10 Sep 2008	13:03:45	1	0.0000
15	A8A83615MS	10 Sep 2008	13:04:37	1	4656103.0000
16	A8A83606 F	10 Sep 2008	13:05:30	1	753190.0000
17	A8A83607 F	10 Sep 2008	13:06:24	1	624077.0000
18	A8A84503 F	10 Sep 2008	13:07:17	1	1038387.0000
19	A8A84503MS F	10 Sep 2008	13:08:11	1	3164032.0000
20	A8A84503SD F	10 Sep 2008	13:09:04	1	2948071.0000
21	A8A84504 F	10 Sep 2008	13:09:57	1	545190.0000
22	A8A84505 F	10 Sep 2008	13:10:50	1	1546010.0000
25	lcs#41@0.25	10 Sep 2008	13:11:43	1	7448448.0000
26	mblk#42	10 Sep 2008	13:12:35	1	0.0000

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments: A8B21982
9/9/08	KD	LCS	.4PPM	1	50		400ul	✓	
		MBLK	Blank	2					
		LCS	P156-502	3			250ul	✓	
		LCS	D057-541	4		0.5497			
		A845	A8A8506	5					Total
			07	6					
			08	7					
			09	8					
			10	9					
			11	10					
			12	11					
			13	12					
			14	13					
			15	14					
		A591	A8A59102	15					
		A613	A8A613O1	16		0.5724			
			02	17		0.6174			
			05	18		0.5126			
		A845	06MD	19					Total
			07MS	20			100ul	✓	

Start Time 09:45 End Time _____ H_2S ✓ Cl_2 ✓

ERA Water Lot# CHD-10-G

Magnesium Chloride: CHD-13-F

Cyanide Total Standard: _____

ERA Soil Lot# CHC-20-B

Sulmafic Acid: 12-12-D

Cyanide Intermediate Standard 12-22-B

Block Temp Check:

0.25N NaOH: CHD-13-G

Cyanide Free Standard: _____

Block# 1 Temp °C 108 Cell# 2

Acetate Buffer: _____

Zinc Acetate: _____

Block# _____ Temp °C _____ Cell# _____

Other: CHD-3-J

Reviewed By _____ Date _____

3615/3648

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/9/08	KD	LCS	.75PPM	21	50		250ul	✓	
		MBLK	Blank	22					
		A613	A8A613D6	23		0.8820			
		↓	08	24		0.7068			
		A629	A8A62902	25					
		A696	A8A69601	26					
		A713	A8A71301	27		0.6755			
		A836	A8A83603	28					Total
			06	29					
			07	30					
		~~A84~~	A940108	31					A8A94001
			02 09	32					A1C0a 02
			03 10 0 apps	~~33~~					03
			04 LL	34					04
		A836	A83612	35					A8A83612
			13	36					
			14	37					
			15	38					
			14MD	39					
			15MS	40			100ul	✓	

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/9/08	TL	LCS	0.25ppm	41	50		250uL	✓	
		mBLK	BLANK	42					
		A836	03	43					FREE
			06	44					
			07	45					
			08	46					
			09	47					
			10	48					
			11	49					
			12	50					
			13	51					
			14	52					
			15	53					
		A845	02	54					
			03	55					
			03MS	56			100uL	✓	
			03SD	57			100uL	✓	
			04	58					
			05	59					
			06	60					

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard: SEE PG 198 ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

3017736448

WET CHEMISTRY BATCH SUMMARY 3618/3648

PARAMETER Cyanide METHOD 335.4 BATCH 48622285

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	A893o6 (SD)
WC Spike Failure MS and SD	A89307 (TCn), A89307 (F/W Cn)
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant? YES NO (NA) IF NO, Why? _____
LCS/CCV Compliant? (YES) NO NA IF NO, Why? _____
CCB Compliant? (YES) NO NA IF NO, Why? _____
RPD Compliant? (YES) NO NA IF NO, Why? _____
ERA Compliant? (YES) NO NA IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: 10

Analyst ERK Date 9/15/08

Time Critical Batch Review _____ Date _____

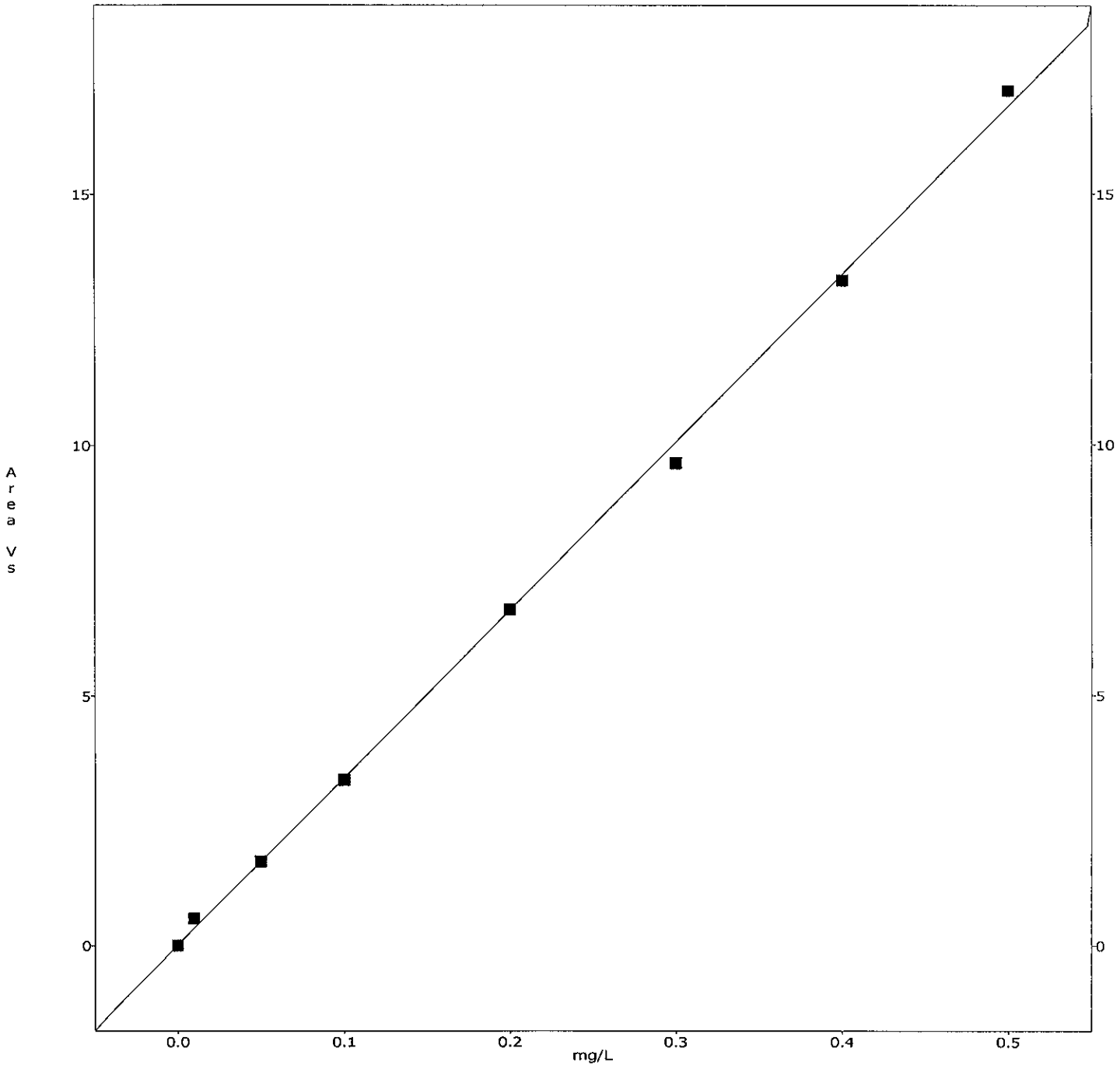
Secondary Review & Closure Lisa R Match Date 16 Sept 2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	17067188	0.50	17067188					0.0	0.0	-1.9
2	13277491	0.40	13277491					0.0	0.0	0.9
3	9637735	0.30	9637735					0.0	0.0	4.1
4	6721447	0.20	6721447					0.0	0.0	-0.3
5	3323584	0.10	3323584					0.0	0.0	0.8
6	1691469	0.05	1691469					0.0	0.0	-0.9
7	550515	0.01	550515					0.0	0.0	-63.7
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

1st Order Poly
Conc = 2.986e-008 Area - 6.682e-005
r = 0.9994

Scaling: None - Weighting: None 9/12/08



Printed: Monday, September 15, 2008 - 12:30 PM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502 Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502 Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541 Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502 Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 SEPTEMBER 2008
INT STD = 16-165-B

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Sep 12, 2008 7:56:52

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: [illegible] Sep 15, 2008 11:10:26
DATA FILENAME: C:\OMNION\DATA\CN09158A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09158A.TRA

A8B22285

TRAY DESCRIPTION:
Created: Sep 15, 2008 10:54:08
Modified: Sep 15, 2008 11:54:04

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	15 Sep 2008	11:10:29	1	0.4381	109.5%
2	mblk#2	15 Sep 2008	11:11:22	1	0.0483	>.01
3	lcs P156-502 1:2	15 Sep 2008	11:12:15	1	0.2951	77.9%, in ERA range
4	lcs D057-541 1:5	15 Sep 2008	11:13:09	1	0.1187	68%
5	a8a89306	15 Sep 2008	11:14:02	1	0.1721	?
6	a8a89306ms	15 Sep 2008	11:14:55	1	1.6461	Delete
7	a8a89306sd	15 Sep 2008	11:15:48	1	0.5418	?
8	a8a89307	15 Sep 2008	11:16:40	1	0.2942	rerun, MBLK Hit, see cup 47
9	a8a89307ms	15 Sep 2008	11:17:32	1	0.0660	" , " ", " " 53
10	a8a89307sd	15 Sep 2008	11:18:25	1	0.0637	" , " ", " " 54
11	a8b00503	15 Sep 2008	11:19:17	1	-0.0001	
12	a8b11601	15 Sep 2008	11:20:09	1	-0.0001	
13	lcs#1@0.4	15 Sep 2008	11:21:01	1	0.4217	105.4%
14	mblk#2	15 Sep 2008	11:21:53	1	-0.0001	<.01
15	a8b11602	15 Sep 2008	11:22:45	1	-0.0001	
16	a8b11603	15 Sep 2008	11:23:39	1	0.0947	
17	a8b13201	15 Sep 2008	11:24:32	1	0.0379	
18	a8b13202	15 Sep 2008	11:25:25	1	0.0325	
19	a8a82301	15 Sep 2008	11:26:18	1	0.0232	
20	a8a97105	15 Sep 2008	11:27:11	1	0.0113	
21	a8a97106	15 Sep 2008	11:28:04	1	0.0193	
22	a8b08801	15 Sep 2008	11:28:57	1	0.0168	
23	a8b08802	15 Sep 2008	11:29:51	1	0.2919	
24	a8a71801	15 Sep 2008	11:30:44	1	-0.0001	
25	lcs#21@0.25	15 Sep 2008	11:31:36	1	0.2557	102.2%
26	mblk#22	15 Sep 2008	11:32:28	1	-0.0001	<.01

OPERATOR: eric
ACQ. TIME: Sep 15, 2008 11:10:26
DATA FILENAME: C:\OMNION\DATA\CN09158A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 64

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	a8a71801ms	15 Sep 2008	11:33:20	1	0.0718	1.00	rerun, poor RPD, see cup 48
28	a8a71801sd	15 Sep 2008	11:34:12	1	0.0998	1.00	rerun, poor RPD, see cup 51
29	a8a82723	15 Sep 2008	11:35:04	1	-0.0001	1.00	
30	a8a82724	15 Sep 2008	11:35:56	1	-0.0001	1.00	
31	a8a89301 f	15 Sep 2008	11:36:51	1	-0.0001	1.00	
32	a8a89302 f	15 Sep 2008	11:37:45	1	0.0179	1.00	
33	a8a89303 f	15 Sep 2008	11:38:38	1	-0.0001	1.00	
34	a8a89304 f	15 Sep 2008	11:39:31	1	0.0252	1.00	
35	a8a89305 f	15 Sep 2008	11:40:25	1	0.0112	1.00	
36	a8a89306 f	15 Sep 2008	11:41:18	1	0.0501	1.00	
37	lcs#21@0.25	15 Sep 2008	11:42:11	1	0.2575	1.00	103%
38	mblk#22	15 Sep 2008	11:43:04	1	-0.0001	1.00	L.O.L
39	a8a89306ms f	15 Sep 2008	11:43:57	1	0.1363	1.00	86.2% @.1ppm
40	a8a89306sd f	15 Sep 2008	11:44:51	1	0.0943	1.00	rerun, needle hit cup, see cup 56
41	a8a89307 f	15 Sep 2008	11:45:43	1	-0.0001	1.00	
42	a8a89307ms f	15 Sep 2008	11:46:35	1	0.0435	1.00	43.5% >@.1ppm
43	a8a89307sd f	15 Sep 2008	11:47:27	1	0.0498	1.00	49.8%
44	a8a89308 f	15 Sep 2008	11:48:19	1	-0.0001	1.00	
45	A8A89306MS/5*	15 Sep 2008	11:49:11	1	0.3735	1.00	> Delete
46	A8A89306SD/5*	15 Sep 2008	11:50:05	1	0.1109	1.00	
47	A8A89307	15 Sep 2008	11:50:59	1	0.3081	1.00	
48	A8A71801MS	15 Sep 2008	11:51:54	1	0.1002	1.00	100.2% @.1ppm
49	lcs#21@0.25	15 Sep 2008	11:53:39	1	0.2664	1.00	106.5%
50	mblk#22	15 Sep 2008	11:54:33	1	-0.0001	1.00	L.O.L
51	A8A71801SD	15 Sep 2008	11:55:26	1	0.0987	1.00	98.7% @.1ppm
52	A8A89306	15 Sep 2008	11:56:20	1	0.1771	1.00	
53	A8A89307MS	15 Sep 2008	11:57:13	1	0.0648	1.00	9% >@.1ppm
54	A8A89307SD	15 Sep 2008	11:58:06	1	0.0585	1.00	8%
55	A8A89306MS F	15 Sep 2008	11:58:59	1	0.1461	1.00	
56	A8A89306SD F	15 Sep 2008	11:59:52	1	0.1331	1.00	83% @.1ppm
61	lcs#21@0.25	15 Sep 2008	12:00:46	1	0.2588	1.00	103.5%
62	mblk#22	15 Sep 2008	12:01:40	1	-0.0001	1.00	L.O.L

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Sep 12, 2008 7:56:52

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Sep 15, 2008 11:10:26
DATA FILENAME: C:\OMNION\DATA\CN09158A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09158A.TRA

TRAY DESCRIPTION:
Created: Sep 15, 2008 10:54:08
Modified: Sep 15, 2008 11:54:04

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	15 Sep 2008	11:10:29	1	14676736.0000
2	mblk#2	15 Sep 2008	11:11:22	1	1621082.0000
3	lcs P156-502 1:2	15 Sep 2008	11:12:15	1	9887168.0000
4	lcs D057-541 1:5	15 Sep 2008	11:13:09	1	3977306.0000
5	a8a89306	15 Sep 2008	11:14:02	1	5767578.0000
6	a8a89306ms	15 Sep 2008	11:14:55	1	35138944.0000
7	a8a89306sd	15 Sep 2008	11:15:48	1	18149926.0000
8	a8a89307	15 Sep 2008	11:16:40	1	9856935.0000
9	a8a89307ms	15 Sep 2008	11:17:32	1	2213351.0000
10	a8a89307sd	15 Sep 2008	11:18:25	1	2134579.0000
11	a8b00503	15 Sep 2008	11:19:17	1	0.0000
12	a8b11601	15 Sep 2008	11:20:09	1	0.0000
13	lcs#1@0.4	15 Sep 2008	11:21:01	1	14125543.0000
14	mblk#2	15 Sep 2008	11:21:53	1	0.0000
15	a8b11602	15 Sep 2008	11:22:45	1	0.0000
16	a8b11603	15 Sep 2008	11:23:39	1	3174451.0000
17	a8b13201	15 Sep 2008	11:24:32	1	1270797.0000
18	a8b13202	15 Sep 2008	11:25:25	1	1090266.0000
19	a8a82301	15 Sep 2008	11:26:18	1	779110.0000
20	a8a97105	15 Sep 2008	11:27:11	1	380794.0000
21	a8a97106	15 Sep 2008	11:28:04	1	649805.0000
22	a8b08801	15 Sep 2008	11:28:57	1	564941.0000
23	a8b08802	15 Sep 2008	11:29:51	1	9778765.0000
24	a8a71801	15 Sep 2008	11:30:44	1	0.0000
25	lcs#21@0.25	15 Sep 2008	11:31:36	1	8565197.0000
26	mblk#22	15 Sep 2008	11:32:28	1	0.0000

OPERATOR: eric
ACQ. TIME: Sep 15, 2008 11:10:26
DATA FILENAME: C:\OMNION\DATA\CN09158A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 64

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	a8a71801ms	15 Sep 2008	11:33:20	1	2406247.0000	1.00
28	a8a71801sd	15 Sep 2008	11:34:12	1	3344832.0000	1.00
29	a8a82723	15 Sep 2008	11:35:04	1	0.0000	1.00
30	a8a82724	15 Sep 2008	11:35:56	1	0.0000	1.00
31	a8a89301 f	15 Sep 2008	11:36:51	1	0.0000	1.00
32	a8a89302 f	15 Sep 2008	11:37:45	1	601286.0000	1.00
33	a8a89303 f	15 Sep 2008	11:38:38	1	0.0000	1.00
34	a8a89304 f	15 Sep 2008	11:39:31	1	845568.0000	1.00
35	a8a89305 f	15 Sep 2008	11:40:25	1	378438.0000	1.00
36	a8a89306 f	15 Sep 2008	11:41:18	1	1678976.0000	1.00
37	lcs#21@0.25	15 Sep 2008	11:42:11	1	8626867.0000	1.00
38	mblk#22	15 Sep 2008	11:43:04	1	0.0000	1.00
39	a8a89306ms f	15 Sep 2008	11:43:57	1	4566413.0000	1.00
40	a8a89306sd f	15 Sep 2008	11:44:51	1	3161587.0000	1.00
41	a8a89307 f	15 Sep 2008	11:45:43	1	0.0000	1.00
42	a8a89307ms f	15 Sep 2008	11:46:35	1	1459878.0000	1.00
43	a8a89307sd f	15 Sep 2008	11:47:27	1	1669235.0000	1.00
44	a8a89308 f	15 Sep 2008	11:48:19	1	0.0000	1.00
45	A8A89306MS/5*	15 Sep 2008	11:49:11	1	12511923.0000	1.00
46	A8A89306SD/5*	15 Sep 2008	11:50:05	1	3716800.0000	1.00
47	A8A89307	15 Sep 2008	11:50:59	1	10320499.0000	1.00
48	A8A71801MS	15 Sep 2008	11:51:54	1	3357875.0000	1.00
49	lcs#21@0.25	15 Sep 2008	11:53:39	1	8923891.0000	1.00
50	mblk#22	15 Sep 2008	11:54:33	1	0.0000	1.00
51	A8A71801SD	15 Sep 2008	11:55:26	1	3307597.0000	1.00
52	A8A89306	15 Sep 2008	11:56:20	1	5934016.0000	1.00
53	A8A89307MS	15 Sep 2008	11:57:13	1	2172864.0000	1.00
54	A8A89307SD	15 Sep 2008	11:58:06	1	1960973.0000	1.00
55	A8A89306MS F	15 Sep 2008	11:58:59	1	4895360.0000	1.00
56	A8A89306SD F	15 Sep 2008	11:59:52	1	4458893.0000	1.00
61	lcs#21@0.25	15 Sep 2008	12:00:46	1	8670106.0000	1.00
62	mblk#22	15 Sep 2008	12:01:40	1	0.0000	1.00

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments A8R22285
9/13/08	TL	LCS	0.4 PPM	1	50		400ml	✓	
		MBLK	BLANK	2					
		LCS	P156-502	3			250ml	✓	
		A893	06	4					
			06MS	5			100 ml	✓	
			06SD	6			100ml	✓	
			07	7					
			07 MS	8			100 ml	✓	
			07 SD	9			100 ml	✓	
		B005	03	10					
		B116	01	11					
		1	02	12					
		1	03	13					
		B132	01	14					
		1	02	15					
		A828	01	16					
		A971	05	17					
		1	06	18					
		B088	01	19					
		1	02	20	1				

Start Time 11:15 End Time 17:06 H_2S ✓ Cl_2 ✓ ERA Water Lot# D-10-G

Magnesium Chloride: D-13-F Cyanide Total Standard: ERA Soil Lot# D057-541

Sulmafic Acid: 12-12-D Cyanide Intermediate Standard 12-22-B Block Temp Check:

0.25N NaOH: D-14-H Cyanide Free Standard: 11-171-B Block# 4 Temp °C 104 Cell# 5

Acetate Buffer: 12-25-B Zinc Acetate: 12-25-A Block# 2 Temp °C 106 Cell# 5

Other: Reviewed By Date

3625/3648

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/13/08	TL	LCS	0.25ppm	21	50		250ml	✓	
		MBLK	BLANK	22	50				
		LCS	D057-541	23		0.5635			
		A718	01	24		0.5530			
		〃	01MS	25		0.5462	100ml	✓	
		〃	01SD	26		0.6338	100ml	✓	
		A827	23	27					FREE
		〃	24	28					
		A893	01	29					
		〃	02	30					
			03	31					
			04	32					
			05	33					
			06	34					
			06MS	35			100ml	✓	
			06SD	36			100ml	✓	
			07	37					
			07MS	38			100ml	✓	
			07SD	39			100ml	✓	
		〃	08	40					

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard: SEE PG 12 ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

3626/3648

WET CHEMISTRY BATCH SUMMARY

3627/3648

PARAMETER Cyanide METHOD 335.4 BATCH A8B21492

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	A25402, ~~A271-02~~ ERK 9/2/08
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	A407-15, A537-04
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	YES	(NO)	NA	IF NO, Why? Soil ERA failed low, soil samples deleted

NUMBER of REANALYSIS FOR THIS BATCH: Ø (B)

Analyst JM Date 8/30/08

Time Critical Batch Review ——— Date ———

Secondary Review & Closure ERK Date 9/2/08

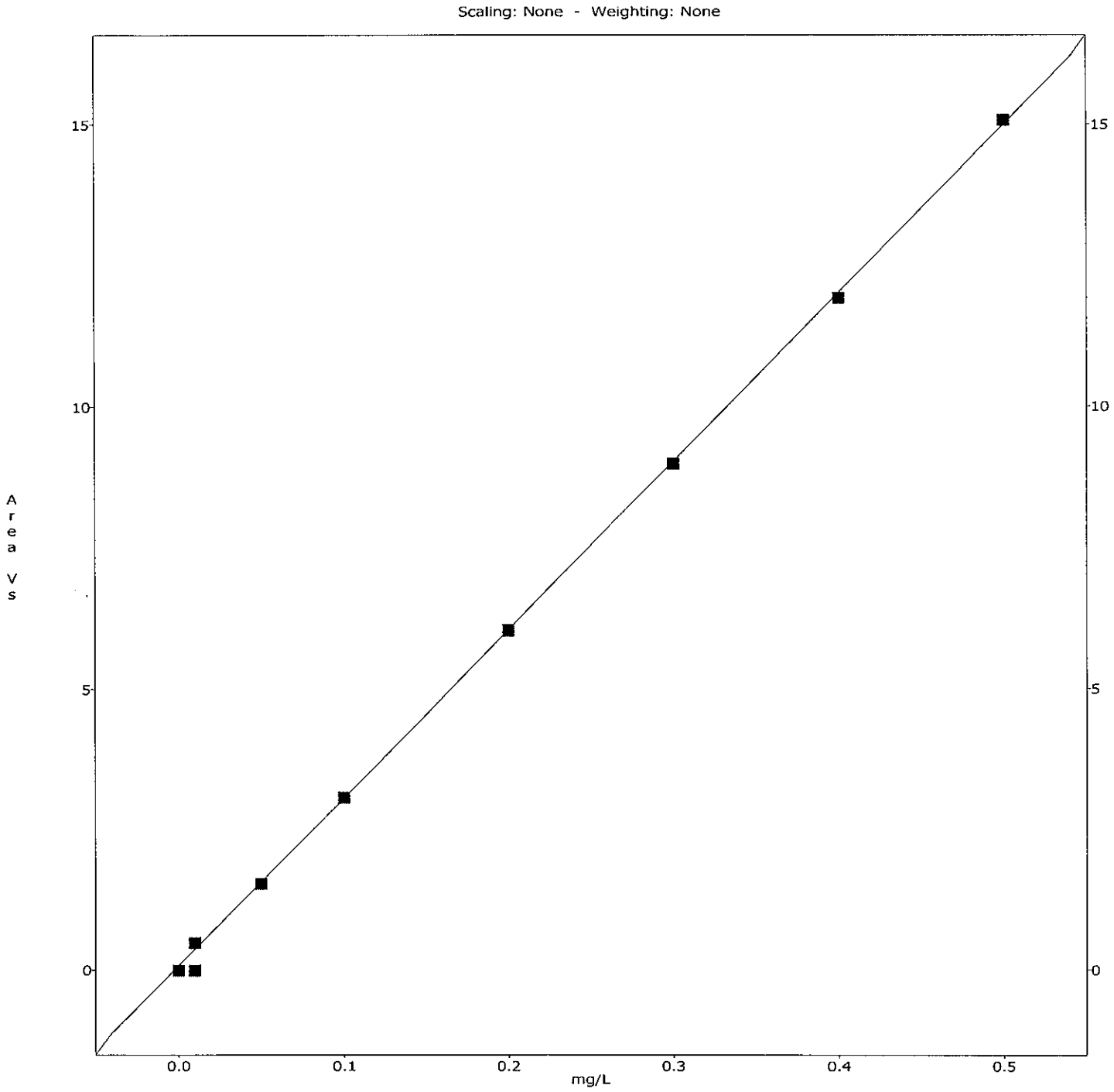
WC Summary Rev5 / 05-2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	15079283	0.50	15079283					0.0	0.0	-0.6
2	11919565	0.40	11919565					0.0	0.0	0.7
3	8988941	0.30	8988941					0.0	0.0	0.4
4	6037748	0.20	6037748					0.0	0.0	0.0
5	3074407	0.10	3074407					0.0	0.0	-0.6
6	1541888	0.05	1541888					0.0	0.0	1.5
7	488755	0.01	488755	0	0	0		244377.5	200.0	-39.4
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

curve ran 8/12/08

1st Order Poly
Conc = 3.351e-008 Area - 2.440e-003
r = 0.9999



Printed: Saturday, August 30, 2008 - 09:01 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502
Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502
Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541
Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502
Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 AUGUST 2008
INT STD = 16-140-C

Method - Ch. 1 (CYANIDE) A8B21492

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME:~~Batch Start (s)~~: Aug 30, 2008 8:15:35
DATA FILENAME: C:\OMNION\DATA\CN08308A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN08308A.TRA

TRAY DESCRIPTION:
Created: Aug 30, 2008 8:08:09
Modified: Aug 30, 2008 8:24:17

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	30 Aug 2008	08:15:38	1	0.4286	107.2%
2	mblk#2	30 Aug 2008	08:16:31	1	-0.0024	~~<0.05~~ <0.01 JM 8/30/08
3	lcs P156-502 1:2	30 Aug 2008	08:17:24	1	0.3840	101.4% @ 0.757, range 0.575 - 0.954 mg/L
4	lcs D057-541 1:5	30 Aug 2008	08:18:17	1	0.0535	
5	A8A27102	30 Aug 2008	08:19:10	1	0.7839	see cup 45, over curve
6	A8A25402	30 Aug 2008	08:20:03	1	0.1051	
7	A8A51908	30 Aug 2008	08:20:56	1	-0.0024	
8	A8A51909	30 Aug 2008	08:21:50	1	-0.0024	
9	A8A51910	30 Aug 2008	08:22:42	1	-0.0024	
10	A8A52601	30 Aug 2008	08:23:34	1	0.2773	
12	A8A53701	30 Aug 2008	08:24:26	1	-0.0024	
13	lcs#1@0.4	30 Aug 2008	08:25:18	1	0.4177	104.4%
14	mblk#2	30 Aug 2008	08:26:10	1	-0.0024	~~<0.05~~ <0.01 JM 8/30/08
15	A8A53702	30 Aug 2008	08:27:02	1	-0.0024	
16	A8A53703	30 Aug 2008	08:27:55	1	-0.0024	
17	A8A53704	30 Aug 2008	08:28:50	1	-0.0024	RPD=ND
18	A8A53704MD	30 Aug 2008	08:29:43	1	-0.0024	
19	A8A53704MS	30 Aug 2008	08:30:36	1	0.0687	68.7% @ 0.1 ppm
20	A8A40202	30 Aug 2008	08:31:29	1	-0.0024	
21	A8A40203	30 Aug 2008	08:32:22	1	-0.0024	
22	A8A40204	30 Aug 2008	08:33:15	1	-0.0024	
23	A8A47508	30 Aug 2008	08:34:09	1	-0.0024	
24	A8A40701	30 Aug 2008	08:35:02	1	-0.0024	
25	lcs#21@0.25	30 Aug 2008	08:35:54	1	0.2480	99%
26	mblk#22	30 Aug 2008	08:36:46	1	-0.0024	<0.01

OPERATOR: Lachat1
ACQ. TIME: Aug 30, 2008 8:15:35
DATA FILENAME: C:\OMNION\DATA\CN08308A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	A8A40702	30 Aug 2008	08:37:38	1	-0.0024	1.00	
28	A8A40703	30 Aug 2008	08:38:30	1	-0.0024	1.00	
29	A8A40705	30 Aug 2008	08:39:22	1	-0.0024	1.00	
30	A8A40706	30 Aug 2008	08:40:15	1	-0.0024	1.00	
31	A8A40707	30 Aug 2008	08:41:08	1	-0.0024	1.00	
32	A8A40708	30 Aug 2008	08:42:02	1	-0.0024	1.00	
33	A8A40709	30 Aug 2008	08:42:55	1	-0.0024	1.00	
34	A8A40710	30 Aug 2008	08:43:48	1	-0.0024	1.00	
35	A8A40711	30 Aug 2008	08:44:41	1	-0.0024	1.00	
36	A8A40712	30 Aug 2008	08:45:35	1	-0.0024	1.00	
37	lcs#21@0.25	30 Aug 2008	08:46:28	1	0.2476	1.00	99%
38	mblk#22	30 Aug 2008	08:47:21	1	-0.0024	1.00	<0.01
39	A8A40713	30 Aug 2008	08:48:14	1	-0.0024	1.00	
40	A8A40714	30 Aug 2008	08:49:07	1	-0.0024	1.00	RPD=ND
41	A8A40714MD	30 Aug 2008	08:49:59	1	-0.0024	1.00	
42	A8A40715	30 Aug 2008	08:50:51	1	-0.0024	1.00	
43	A8A40715MS	30 Aug 2008	08:51:44	1	0.0541	1.00	54.1% @ 0.1ppm
44	A8A40716	30 Aug 2008	08:52:36	1	-0.0024	1.00	
45	A8A27102 1:5***	30 Aug 2008	08:53:28	1	0.1577	1.00	
49	lcs#21@0.25	30 Aug 2008	08:55:51	1	0.2501	1.00	100.%
50	mblk#22	30 Aug 2008	08:56:44	1	-0.0024	1.00	<0.01ppm

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: LachatDirect
ACQ. TIME: Aug 30, 2008 8:15:35
DATA FILENAME: C:\OMNION\DATA\CN08308A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN08308A.TRA

TRAY DESCRIPTION:
Created: Aug 30, 2008 8:08:09
Modified: Aug 30, 2008 8:24:17

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	30 Aug 2008	08:15:38	1	12861005.0000
2	mblk#2	30 Aug 2008	08:16:31	1	0.0000
3	lcs P156-502 1:2	30 Aug 2008	08:17:24	1	11531123.0000
4	lcs D057-541 1:5	30 Aug 2008	08:18:17	1	1668698.0000
5	A8A27102	30 Aug 2008	08:19:10	1	23463642.0000
6	A8A25402	30 Aug 2008	08:20:03	1	3208973.0000
7	A8A51908	30 Aug 2008	08:20:56	1	0.0000
8	A8A51909	30 Aug 2008	08:21:50	1	0.0000
9	A8A51910	30 Aug 2008	08:22:42	1	0.0000
10	A8A52601	30 Aug 2008	08:23:34	1	8348199.0000
12	A8A53701	30 Aug 2008	08:24:26	1	0.0000
13	lcs#1@0.4	30 Aug 2008	08:25:18	1	12535655.0000
14	mblk#2	30 Aug 2008	08:26:10	1	0.0000
15	A8A53702	30 Aug 2008	08:27:02	1	0.0000
16	A8A53703	30 Aug 2008	08:27:55	1	0.0000
17	A8A53704	30 Aug 2008	08:28:50	1	0.0000
18	A8A53704MD	30 Aug 2008	08:29:43	1	0.0000
19	A8A53704MS	30 Aug 2008	08:30:36	1	2122650.0000
20	A8A40202	30 Aug 2008	08:31:29	1	0.0000
21	A8A40203	30 Aug 2008	08:32:22	1	0.0000
22	A8A40204	30 Aug 2008	08:33:15	1	0.0000
23	A8A47508	30 Aug 2008	08:34:09	1	0.0000
24	A8A40701	30 Aug 2008	08:35:02	1	0.0000
25	lcs#21@0.25	30 Aug 2008	08:35:54	1	7472717.0000
26	mblk#22	30 Aug 2008	08:36:46	1	0.0000

OPERATOR: Lachat1
ACQ. TIME: Aug 30, 2008 8:15:35
DATA FILENAME: C:\OMNION\DATA\CN08308A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 50

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	A8A40702	30 Aug 2008	08:37:38	1	0.0000	1.00
28	A8A40703	30 Aug 2008	08:38:30	1	0.0000	1.00
29	A8A40705	30 Aug 2008	08:39:22	1	0.0000	1.00
30	A8A40706	30 Aug 2008	08:40:15	1	0.0000	1.00
31	A8A40707	30 Aug 2008	08:41:08	1	0.0000	1.00
32	A8A40708	30 Aug 2008	08:42:02	1	0.0000	1.00
33	A8A40709	30 Aug 2008	08:42:55	1	0.0000	1.00
34	A8A40710	30 Aug 2008	08:43:48	1	0.0000	1.00
35	A8A40711	30 Aug 2008	08:44:41	1	0.0000	1.00
36	A8A40712	30 Aug 2008	08:45:35	1	0.0000	1.00
37	lcs#21@0.25	30 Aug 2008	08:46:28	1	7460378.0000	1.00
38	mblk#22	30 Aug 2008	08:47:21	1	0.0000	1.00
39	A8A40713	30 Aug 2008	08:48:14	1	0.0000	1.00
40	A8A40714	30 Aug 2008	08:49:07	1	0.0000	1.00
41	A8A40714MD	30 Aug 2008	08:49:59	1	0.0000	1.00
42	A8A40715	30 Aug 2008	08:50:51	1	0.0000	1.00
43	A8A40715MS	30 Aug 2008	08:51:44	1	1686566.0000	1.00
44	A8A40716	30 Aug 2008	08:52:36	1	0.0000	1.00
45	A8A27102 1:5***	30 Aug 2008	08:53:28	1	4779085.0000	1.00
49	lcs#21@0.25	30 Aug 2008	08:55:51	1	7536167.0000	1.00
50	mblk#22	30 Aug 2008	08:56:44	1	0.0000	1.00

A8B21492

TestAmerica BUFFALO
Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
8/29/08	JM	LCS	0.4ppm	1	50		400ul	✓	
		MBLK	Blank	2					
		LCS	P156-502	3			250ul	✓	
		LCS	D057-541	4		0.5034			
		A271	02	5		~~0.5450~~			
		A254	02	6		0.5803 JM 8/29/08			
		A519	08	7		0.5253			0.5450 } soil weights
			09	8					0.5803 } soil weights
			10	9					0.5253 } A519-08,09,10
		A526	01	10					
		A342	02	11					(do not need sample)
	JM 8/29/08	~~A573~~ A537	01	12					
			02	13					
			03	14					
			04	15					
			04MD	16					
			04MS	17			100ul	✓	
		A402	02	18					
		A402	03	19					
		A402	04	20					

Start Time 09:50 End Time 13:00 H_2S _____ Cl_2 _____

Magnesium Chloride: CHD-13-F

Sulmafic Acid: 12-4-D

0.25N NaOH: CHD-13-G

Acetate Buffer: NA

Other: CHD-3-T

Cyanide Total Standard: _____

Cyanide Intermediate Standard 12-12-E

Cyanide Free Standard: _____

Zinc Acetate: _____

4354511

ERA Water Lot# CHD-10-G

ERA Soil Lot# CHC-20-B

Block Temp Check:

Block# 4 Temp °C 108 Cell# 1

Block# _____ Temp °C _____ Cell# _____

Reviewed By _____ Date _____

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-03-12

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
08.29.08	RK	LCS	0.25ppm	21	50ml		250µL	✓	
		MBLK	Blank	22					
		A475	08	23					
		A407	01	24					
			02	25					
			03	26					
			05	27					
			06	28					
			07	29					
			08	30					
			09	31					
			10	32					
			11	33					
			12	34					
			13	35					
			14	36					
			14 MD	37					
			15	38					
			15 MS	39			100µL	✓	
			16	40					

Start Time_____ End Time_____ H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard:_____

Cyanide Intermediate Standard_____

Cyanide Free Standard:_____

Zinc Acetate:_____

See Page 182

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____Cell#_____

Block#_____Temp °C_____Cell#_____

Reviewed By_____ Date_____

3635/3648

WET CHEMISTRY BATCH SUMMARY 3636/3648

PARAMETER Cyanide METHOD 335.4 BATCH 48B22045

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	A643 oz
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	(YES)	NO	NA	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 0

Analyst ERK Date 9/11/08

Time Critical Batch Review _____ Date _____

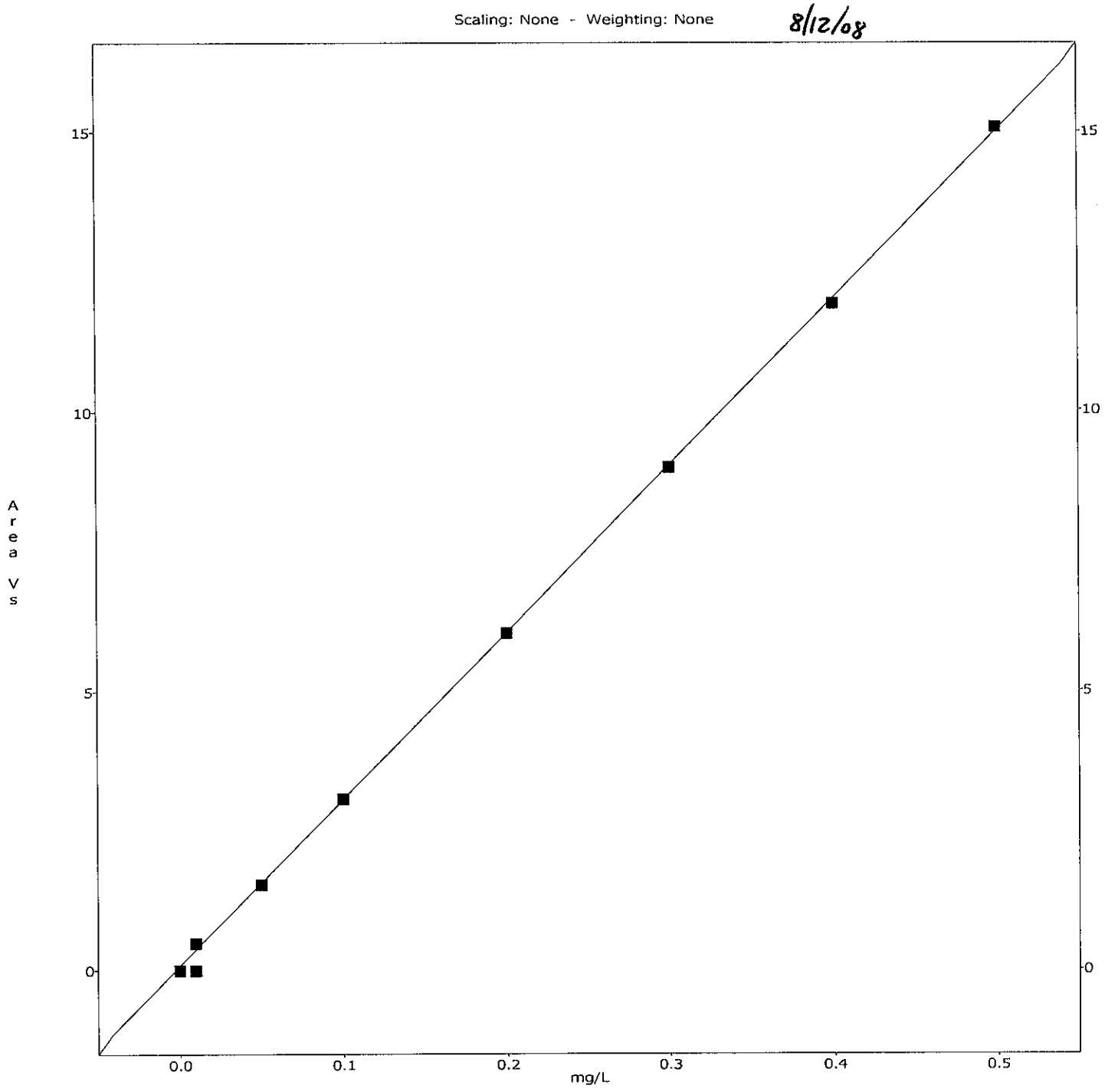
Secondary Review & Closure Lisa Arnold Date 12 Sept 2008

WC Summary Rev5 / 05-2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	15079283	0.50	15079283					0.0	0.0	-0.6
2	11919565	0.40	11919565					0.0	0.0	0.7
3	8988941	0.30	8988941					0.0	0.0	0.4
4	6037748	0.20	6037748					0.0	0.0	0.0
5	3074407	0.10	3074407					0.0	0.0	-0.6
6	1541888	0.05	1541888					0.0	0.0	1.5
7	488755	0.01	488755	0	0	0		244377.5	200.0	-39.4
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

1st Order Poly
Conc = 3.351e-008 Area - 2.440e-003
r = 0.9999



Printed: Thursday, September 11, 2008 - 10:20 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-152-C	Exp. 23 SEPTEMBER 2008
Potassium Phosphate Buffer	16-153-E	Exp. 26 SEPTEMBER 2008
Chloramine-T	16-153-D	Exp. 26 SEPTEMBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502
Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P137-502
Actual = .509
QC Pals Range = .410-.614mg/L
PT Pals Range = .300-.722mg/L

ERA D057-541
Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502
Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 12 AUGUST 2008
INT STD = 16-140-C

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

A8B22045

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric Direct
ACQ. TIME: Sep 11, 2008 9:15:41
DATA FILENAME: C:\OMNION\DATA\CN09118A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN09118A.TRA

TRAY DESCRIPTION:
Created: Sep 11, 2008 8:26:23
Modified: Sep 11, 2008 9:30:38

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	11 Sep 2008	09:15:44	1	0.3004	75.1%
2	mblk#2	11 Sep 2008	09:16:37	1	-0.0024	L.01
3	lcs P156-502 1:2	11 Sep 2008	09:17:30	1	0.3627	95%
4	a8a83608 t	11 Sep 2008	09:18:24	1	0.1265	
5	a8a83609 t	11 Sep 2008	09:19:17	1	0.0482	
6	a8a83610 t	11 Sep 2008	09:20:10	1	0.0182	
7	a8a83611 t	11 Sep 2008	09:21:03	1	-0.0024	Delete
8	a8a84507 f	11 Sep 2008	09:21:55	1	0.0611	
9	a8a84508 f	11 Sep 2008	09:22:47	1	-0.0024	
10	a8a84509 f	11 Sep 2008	09:23:39	1	-0.0024	
11	a8a84510 f	11 Sep 2008	09:24:32	1	-0.0024	
12	a8a84511 f	11 Sep 2008	09:25:24	1	-0.0024	
13	lcs#21@0.25	11 Sep 2008	09:26:16	1	0.2476	99.0%
14	mblk#22	11 Sep 2008	09:27:08	1	-0.0024	L.01
15	a8a84512 f	11 Sep 2008	09:28:00	1	-0.0024	
16	a8a84513 f	11 Sep 2008	09:28:53	1	-0.0024	
17	a8a84514 f	11 Sep 2008	09:29:48	1	-0.0024	Delete
18	a8a84515 f	11 Sep 2008	09:30:41	1	-0.0024	
19	a8a94501	11 Sep 2008	09:31:34	1	-0.0024	
20	a8a94502	11 Sep 2008	09:32:27	1	0.0128	
21	lcs#21@0.25	11 Sep 2008	09:33:20	1	0.2505	100.2%
22	mblk#22	11 Sep 2008	09:34:13	1	-0.0024	L.01
23	a8a94503	11 Sep 2008	09:35:07	1	-0.0024	
24	a8a73701	11 Sep 2008	09:36:00	1	0.0135	
25	lcs#21@0.25	11 Sep 2008	09:36:52	1	0.2521	100.8%
26	mblk#22	11 Sep 2008	09:37:44	1	-0.0024	L.01

OPERATOR: eric
ACQ. TIME: Sep 11, 2008 9:15:41
DATA FILENAME: C:\OMNION\DATA\CN09118A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	a8a73701 amen	11 Sep 2008	09:38:36	1	0.1404	1.00	
28	a8a82601 t	11 Sep 2008	09:39:28	1	0.0157	1.00	
29	a8a82601 amen	11 Sep 2008	09:40:20	1	-0.0024	1.00	
30	a8a87301	11 Sep 2008	09:41:12	1	0.0187	1.00	
31	a8a64301	11 Sep 2008	09:42:07	1	-0.0024	1.00	
32	a8a64303	11 Sep 2008	09:43:01	1	-0.0024	1.00	
33	a8a98002	11 Sep 2008	09:43:54	1	-0.0024	1.00	
34	a8a98101	11 Sep 2008	09:44:47	1	-0.0024	1.00	
35	a8a98501	11 Sep 2008	09:45:40	1	0.1578	1.00	
36	a8a98502	11 Sep 2008	09:46:34	1	0.1849	1.00	
37	lcs#21@0.25	11 Sep 2008	09:47:27	1	0.2496	1.00	99.8%
38	mblk#22	11 Sep 2008	09:48:20	1	-0.0024	1.00	L.o.l
39	a8a98601	11 Sep 2008	09:49:13	1	-0.0024	1.00	
40	a8a98601ms	11 Sep 2008	09:50:06	1	0.1059	1.00	105% >@.1ppm
41	a8a98601sd	11 Sep 2008	09:50:58	1	0.0990	1.00	99%
42	a8a98901	11 Sep 2008	09:51:50	1	0.0144	1.00	
43	a8a99401	11 Sep 2008	09:52:42	1	0.0095	1.00	
44	a8a99501	11 Sep 2008	09:53:34	1	0.0143	1.00	
45	a8a64302	11 Sep 2008	09:54:27	1	-0.0024	1.00	
46	a8a64302ms	11 Sep 2008	09:55:21	1	0.0664	1.00	66% >@.1ppm
47	a8a64302sd	11 Sep 2008	09:56:15	1	0.0647	1.00	64%
48	a8a71802	11 Sep 2008	09:57:10	1	-0.0024	1.00	
49	lcs#41@0.25	11 Sep 2008	09:58:04	1	0.2506	1.00	100.2%
50	mblk#42	11 Sep 2008	09:58:57	1	-0.0024	1.00	L.o.l
51	a8a82701	11 Sep 2008	09:59:50	1	0.0375	1.00	
52	a8a82702	11 Sep 2008	10:00:44	1	0.0452	1.00	
53	a8a82704	11 Sep 2008	10:01:37	1	0.0219	1.00	
54	a8a82705	11 Sep 2008	10:02:30	1	-0.0024	1.00	
55	a8a82706	11 Sep 2008	10:03:23	1	-0.0024	1.00	
56	a8a82707	11 Sep 2008	10:04:16	1	-0.0024	1.00	
57	a8a82708	11 Sep 2008	10:05:08	1	-0.0024	1.00	
58	a8a82709	11 Sep 2008	10:06:00	1	-0.0024	1.00	
59	a8a82710	11 Sep 2008	10:06:52	1	0.0734	1.00	
60	a8a82711	11 Sep 2008	10:07:45	1	0.0407	1.00	

OPERATOR: eric
ACQ. TIME: Sep 11, 2008 9:15:41
DATA FILENAME: C:\OMNION\DATA\CN09118A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 96

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
61	lcs#41@0.25	11 Sep 2008	10:08:39	1	0.2491	99.6%
62	mblk#42	11 Sep 2008	10:09:33	1	-0.0024	L.O.I
63	a8a82712	11 Sep 2008	10:10:27	1	-0.0024	
64	a8a82703	11 Sep 2008	10:11:22	1	0.0109	
65	a8a82703ms	11 Sep 2008	10:12:16	1	0.1054	94.5% >@.1ppm, RPD=16%
66	a8a82703sd	11 Sep 2008	10:13:09	1	0.1243	113.4%
73	lcs#41@0.25	11 Sep 2008	10:14:02	1	0.2520	100.8%
74	mblk#42	11 Sep 2008	10:14:54	1	-0.0024	L.O.I

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Aug 12, 2008 12:09:36

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: eric **Direct**
ACQ. TIME: Sep 11, 2008 9:15:41
DATA FILENAME: C:\OMNION\DATA\CN09118A.FDT
METHOD FILENAME: H:\LACHAT\LACHATI\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHATI\CN09118A.TRA

TRAY DESCRIPTION:
Created: Sep 11, 2008 8:26:23
Modified: Sep 11, 2008 9:30:38

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	11 Sep 2008	09:15:44	1	9036224.0000
2	mblk#2	11 Sep 2008	09:16:37	1	0.0000
3	lcs P156-502 1:2	11 Sep 2008	09:17:30	1	10894810.0000
4	a8a83608 t	11 Sep 2008	09:18:24	1	3848064.0000
5	a8a83609 t	11 Sep 2008	09:19:17	1	1510118.0000
6	a8a83610 t	11 Sep 2008	09:20:10	1	614733.0000
7	a8a83611 t	11 Sep 2008	09:21:03	1	0.0000
8	a8a84507 f	11 Sep 2008	09:21:55	1	1896781.0000
9	a8a84508 f	11 Sep 2008	09:22:47	1	0.0000
10	a8a84509 f	11 Sep 2008	09:23:39	1	0.0000
11	a8a84510 f	11 Sep 2008	09:24:32	1	0.0000
12	a8a84511 f	11 Sep 2008	09:25:24	1	0.0000
13	lcs#21@0.25	11 Sep 2008	09:26:16	1	7459828.0000
14	mblk#22	11 Sep 2008	09:27:08	1	0.0000
15	a8a84512 f	11 Sep 2008	09:28:00	1	0.0000
16	a8a84513 f	11 Sep 2008	09:28:53	1	0.0000
17	a8a84514 f	11 Sep 2008	09:29:48	1	0.0000
18	a8a84515 f	11 Sep 2008	09:30:41	1	0.0000
19	a8a94501	11 Sep 2008	09:31:34	1	0.0000
20	a8a94502	11 Sep 2008	09:32:27	1	453402.0000
21	lcs#21@0.25	11 Sep 2008	09:33:20	1	7548570.0000
22	mblk#22	11 Sep 2008	09:34:13	1	0.0000
23	a8a94503	11 Sep 2008	09:35:07	1	0.0000
24	a8a73701	11 Sep 2008	09:36:00	1	474982.0000
25	lcs#21@0.25	11 Sep 2008	09:36:52	1	7593792.0000
26	mblk#22	11 Sep 2008	09:37:44	1	0.0000

OPERATOR: eric
ACQ. TIME: Sep 11, 2008 9:15:41
DATA FILENAME: C:\OMNION\DATA\CN09118A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	a8a73701 amen	11 Sep 2008	09:38:36	1	4261440.0000	1.00
28	a8a82601 t	11 Sep 2008	09:39:28	1	541248.0000	1.00
29	a8a82601 amen	11 Sep 2008	09:40:20	1	0.0000	1.00
30	a8a87301	11 Sep 2008	09:41:12	1	630938.0000	1.00
31	a8a64301	11 Sep 2008	09:42:07	1	0.0000	1.00
32	a8a64303	11 Sep 2008	09:43:01	1	0.0000	1.00
33	a8a98002	11 Sep 2008	09:43:54	1	0.0000	1.00
34	a8a98101	11 Sep 2008	09:44:47	1	0.0000	1.00
35	a8a98501	11 Sep 2008	09:45:40	1	4781760.0000	1.00
36	a8a98502	11 Sep 2008	09:46:34	1	5589568.0000	1.00
37	lcs#21@0.25	11 Sep 2008	09:47:27	1	7521383.0000	1.00
38	mblk#22	11 Sep 2008	09:48:20	1	0.0000	1.00
39	a8a98601	11 Sep 2008	09:49:13	1	0.0000	1.00
40	a8a98601ms	11 Sep 2008	09:50:06	1	3232653.0000	1.00
41	a8a98601sd	11 Sep 2008	09:50:58	1	3026560.0000	1.00
42	a8a98901	11 Sep 2008	09:51:50	1	502554.0000	1.00
43	a8a99401	11 Sep 2008	09:52:42	1	355405.0000	1.00
44	a8a99501	11 Sep 2008	09:53:34	1	498790.0000	1.00
45	a8a64302	11 Sep 2008	09:54:27	1	0.0000	1.00
46	a8a64302ms	11 Sep 2008	09:55:21	1	2055014.0000	1.00
47	a8a64302sd	11 Sep 2008	09:56:15	1	2003187.0000	1.00
48	a8a71802	11 Sep 2008	09:57:10	1	0.0000	1.00
49	lcs#41@0.25	11 Sep 2008	09:58:04	1	7550272.0000	1.00
50	mblk#42	11 Sep 2008	09:58:57	1	0.0000	1.00
51	a8a82701	11 Sep 2008	09:59:50	1	1192358.0000	1.00
52	a8a82702	11 Sep 2008	10:00:44	1	1421645.0000	1.00
53	a8a82704	11 Sep 2008	10:01:37	1	727603.0000	1.00
54	a8a82705	11 Sep 2008	10:02:30	1	0.0000	1.00
55	a8a82706	11 Sep 2008	10:03:23	1	0.0000	1.00
56	a8a82707	11 Sep 2008	10:04:16	1	0.0000	1.00
57	a8a82708	11 Sep 2008	10:05:08	1	0.0000	1.00
58	a8a82709	11 Sep 2008	10:06:00	1	0.0000	1.00
59	a8a82710	11 Sep 2008	10:06:52	1	2263898.0000	1.00
60	a8a82711	11 Sep 2008	10:07:45	1	1285901.0000	1.00

OPERATOR: eric
ACQ. TIME: Sep 11, 2008 9:15:41
DATA FILENAME: C:\OMNION\DATA\CN09118A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 96

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
61	lcs#41@0.25	11 Sep 2008	10:08:39	1	7506932.0000
62	mblk#42	11 Sep 2008	10:09:33	1	0.0000
63	a8a82712	11 Sep 2008	10:10:27	1	0.0000
64	a8a82703	11 Sep 2008	10:11:22	1	397798.0000
65	a8a82703ms	11 Sep 2008	10:12:16	1	3216538.0000
66	a8a82703sd	11 Sep 2008	10:13:09	1	3780775.0000
73	lcs#41@0.25	11 Sep 2008	10:14:02	1	7592487.0000
74	mblk#42	11 Sep 2008	10:14:54	1	0.0000

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	A8B22045 Comments
9/10/09	RMM	LCS	.4ppm	1	50	n/a	400ul	✓	* LCS Failed Low; Delete Samples
		MBLK	BLANK	2			n/a	n/a	4-20.
		LCS	P156-502	3			250ul	✓	
		A836	08	4			n/a	n/a	TOTAL
			09	5					
			10	6					
			11	7					
		A845	07	8					FREE
			08	9					
			09	10					
			10	11					
			11	12					
			12	13					
			13	14					
			14	15					
			15	16					
		A945	01	17					TOTAL
			02	18					
			02MD	19					
			02MS	20			100ul	✓	

Start Time 8:00 End Time 13:00 H_2S ✓ Cl_2 ✓ ERA Water Lot# CHD-10-G

Magnesium Chloride: CHD-13-F Cyanide Total Standard: n/a ERA Soil Lot#

Sulmafic Acid: 12-12-D Cyanide Intermediate Standard 12-22-B Block Temp Check:

0.25N NaOH: CHD-10-A Cyanide Free Standard: n/a Block# 1 Temp °C 104 Cell# 4

Acetate Buffer: 12-10-A Zinc Acetate: 12-14-D Block# Temp °C Cell#

Other: CHD-10-B ; CHD-3-I , 12-[illegible]-C 2-MDL-2 Reviewed By Date

3645/3648

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/10/08	DMM	LCS	.25ppm	21	50	N/A	✓	250ul	
↓	↓	MBLK	BLANK	22	↓	↓	N/A	N/A	
		AQU5	03	23			↓	↓	TOTAL
		A737	01	24					⊥
		⊥	01	25					AMENABLE
		A826	01	26					TOTAL
		⊥	01	27					AMENABLE
		A873	01	28					TOTAL
		A893	01	29					↓
↓	↓	⊥	03	30	↓	↓	↓	↓	⊥

DMM 9/10/08

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard SEE PAGE Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

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TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/10/08	TL	A980	02	31	50				
		A981	01	32					
		A985	01	33					
		"	02	34					
		A986	01	35					
		"	01MS	36			100ml	✓	
		"	01SD	37			100ml	✓	
		A989	01	38					
		A994	01	39					
		A995	01	40					
		LCS	0.25PPM	41			250ml	✓	
		MBLK	BLANK	42					
		A643	02	43					
		"	02MS	44			100ml	✓	
		"	02SD	45			100ml	✓	
		A718	02	46					
		A827	01	47					TOTAL
		"	02	48					
		"	04	49					
		"	05	50					

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard: SET RL 1 ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

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TestAmerica BUFFALO

Cyanide Distillation Logbook Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
9/10/08	TL	A827	06	51	50				TOTAL
			07	52					
			08	53					
			09	54					
			10	55					
			11	56					
			12	57					
			03	58					
			03MS	59			100mL	✓	
			03SD	60			100mL	✓	
					9/10/08				
					TL				

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard:_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____ Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____ Cell#_____

Other:_____ Reviewed By_____ Date_____

3648/3648

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job#: A08-B653,A08-B727,A08-B794

Project#: NY3A9052
SDG#: B653
Site Name: Rochester Gas & Electric
Task: Canal Street Rochester Former MGP Site

Mr. Glenn White
Haley and Aldrich
200 Town Center Drive, Suite 2
Rochester, NY 14623

TestAmerica Laboratories Inc.

TestAmerica Laboratories Inc.

Paul K. Morrow
Project Manager

This report may not be reproduced, except in full, without written approval from TestAmerica Laboratories Inc. The results relate only to the items tested and the samples as received by the laboratory. The test results in this report meet all requirements of NELAC unless noted otherwise. Subcontracted analyses are indicated in this report and the subcontractor's report is attached. Results for soil samples are reported on a dry weight basis unless otherwise noted. Estimated uncertainty of test data is available upon request. Therefore, this report should be reproduced only in its entirety.

TestAmerica

THE LEADER in Environmental Testing

TestAmerica Buffalo
Current Certifications

As of 7/16/2008

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	Registration, NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Sample Data Summary Package

SAMPLE SUMMARY

SDG#: B653

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8B65303	EB-092208	WATER	09/22/2008	16:20	09/23/2008	16:10
A8B72702	EB-092308	WATER	09/23/2008	17:00	09/24/2008	16:15
A8B79406	EB-092408	WATER	09/24/2008	17:50	09/25/2008	16:10
A8B79404	FD-092408	WATER	09/24/2008	00:00	09/25/2008	16:10
A8B65301	MW-1	WATER	09/22/2008	11:00	09/23/2008	16:10
A8B65302	MW-2	WATER	09/22/2008	15:25	09/23/2008	16:10
A8B65302MS	MW-2	WATER	09/22/2008	15:25	09/23/2008	16:10
A8B65302SD	MW-2	WATER	09/22/2008	15:25	09/23/2008	16:10
A8B79407	MW-3	WATER	09/24/2008	16:55	09/25/2008	16:10
A8B79402	MW-4	WATER	09/24/2008	10:00	09/25/2008	16:10
A8B72701	MW-5	WATER	09/23/2008	14:25	09/24/2008	16:15
A8B79403	MW-6	WATER	09/24/2008	11:30	09/25/2008	16:10
A8B79405	MW-8	WATER	09/24/2008	13:10	09/25/2008	16:10
A8B79401	MW-9	WATER	09/24/2008	09:15	09/25/2008	16:10
A8B79408	MW-9	WATER	09/25/2008	09:30	09/25/2008	16:10
A8B65304	TB-092208	WATER	09/22/2008	11:00	09/23/2008	16:10
A8B72703	TB-092308	WATER	09/23/2008	10:45	09/24/2008	16:15
A8B79409	TRIP BLANK	WATER	09/25/2008	00:00	09/25/2008	16:10

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

METHODS SUMMARY

Job#: A08-B653,A08-B727,A08-B794

Project#: NY3A9052
SDG#: B653
Site Name: Rochester Gas & Electric

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
Aluminum - Soluble	SW8463 6010
Aluminum - Total	SW8463 6010
Antimony - Soluble	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Soluble	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Soluble	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Soluble	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Soluble	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Soluble	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Soluble	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Soluble	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Soluble	SW8463 6010
Copper - Total	SW8463 6010
Iron - Soluble	SW8463 6010
Iron - Total	SW8463 6010
Lead - Soluble	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Soluble	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Soluble	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Soluble	SW8463 7470
Mercury - Total	SW8463 7470
Nickel - Soluble	SW8463 6010
Nickel - Total	SW8463 6010
Potassium - Soluble	SW8463 6010

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PARAMETER	ANALYTICAL METHOD
Potassium - Total	SW8463 6010
Selenium - Soluble	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Soluble	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Soluble	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Soluble	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Soluble	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Soluble	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	SW8463 9012A

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

The results presented in this report relate only to the analytical testing and conditions of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

SDG NARRATIVE

Job#: A08-B653,A08-B727,A08-B794

Project#: NY3A9052
SDG#: B653
Site Name: Rochester Gas & Electric

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-B653
Sample Cooler(s) were received at the following temperature(s); 3.6 °C
All samples were received in good condition.
A08-B727
Sample Cooler(s) were received at the following temperature(s); 4.8 °C
All samples were received in good condition.
A08-B794
Sample Cooler(s) were received at the following temperature(s); 2 @ 2.0 °C
ME: Lab to filter and preserve Dissolved Metals volume.

GC/MS Volatile Data

For method 8260, the recoveries of Trichloroethene in sample MW-2 Matrix Spike and Matrix Spike Duplicate exceeded quality control limits. The Matrix Spike Blank recoveries are compliant.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A8I0000745-1, A8I0000734-1, A8I0000718-1 and A8I0000712-1.

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For method 8260, all samples were preserved to a pH less than 2 except for sample MW-9 which had a pH>2.

For method 8260, sample MW-9 exhibited a pH>2 at the time of analysis. The analysis was performed after the recommended 7 days for un-preserved samples, therefore all detected concentrations should be considered minimum values and the results estimated.

The analyte Methyl tert-butyl ether was detected in sample MW-9 at a concentration above the linear range of the initial calibration standard curve, requiring a dilution. Due to the high dilution dictated by the concentrations of Benzene and total Xylenes, Methyl tert-butyl ether was diluted out in sample MW-9.

GC/MS Semivolatile Data

The Matrix Spike Blank A8B2292801 exceeded quality control limits for analyte 4-Chloro-3-methylphenol. Since the samples were non-detect for these anlytes and all other recoveries are compliant there is no need for corrective action.

The Relative Percent Difference between the Matrix Spike Blank A8B2324801 and the Matrix Spike Blank Duplicate A8B2324802 exceeded quality control criteria for Pentachlorophenol, though all individual recoveries are compliant. No action required.

The spike recoveries for 4-Nitrophenol and Pentachlorophenol were below the laboratory quality control limits in sample MW-2 Matrix Spike and Matrix Spike Duplicate. Since the Matrix Spike Blank recoveries were compliant for these analytes, no corrective action was required.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A8I0000600, A8I0000697, A8I000700, A8I000705 and A8I000720.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A8I000720 and A8I0000722.

The continuing calibration verification standard A8C0002479 exhibited the percent Difference (%D) as greater than 20% on the Form VII for the analyte Pentachlorphenol. Since this analyte was calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 15.1%. No corrective action was required (consistent with the laboratory Standard Operating Procedure (SOP), Section 13.5.2, which states that up to 4 analytes may have a %D or %Drift of greater than 20% but less than 40%).

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

The continuing calibration verification A8C0002500 exhibited the percent Difference (%D) as greater than 40% for the analyte 2,4-Dinitrophenol and greater than 20% for the analyte Pentachlorophenol on the Form VII. Since these analytes were calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 25.36% for 2,4-Dinitrophenol and 16.14% for Pentachlorophenol. No corrective action was required.

Metals Data

The recoveries of sample MW-2 Matrix Spike exhibited a result below the quality control limits for Total Calcium and a result above the quality control limits for Soluble Calcium. The sample results are more than four times greater than the spike added. However, the LFB's were acceptable.

All volumes for Dissolved Metals received on 09/23/2008 were filtered and preserved in the TestAmerica Metals Digestion Laboratory on 09/24/2008. All volumes for Dissolved Metals received on 09/24/2008 were filtered and preserved in the TestAmerica Metals Digestion Laboratory on 09/25/2008. All volumes for Dissolved Metals received on 09/25/2008 were filtered and preserved in the TestAmerica Metals Digestion Laboratory on 09/26/2008. Each sample was filtered using a 0.45 micron Metricel Black Grid filter, Pall Life Sciences Lot #T82395. Each sample was then preserved to a pH <2 with 3.0 mL of Nitric Acid, J.T. Baker lot #G17027.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

10/17/08
Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 10/15/2008
Time: 15:23:07

Dilution Log w/Code Information
For Project NY3A9052, SDG B653

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-1	A8B65301	8270	5.00	012
MW-9	A8B79401	Calcium - Total	5.00	008
MW-9	A8B79401DL	8260	20.00	008
MW-3	A8B79407DL	8260	2.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

Date: 10/15/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 15:23:12 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
Metals				
6010	Aluminum - Soluble	MG/L	0.19	0.20
6010	Aluminum - Total	MG/L	0.19	0.20
6010	Lead - Soluble	MG/L	0.0030	0.0050
6010	Lead - Total	MG/L	0.0030	0.0050
6010	Selenium - Soluble	MG/L	0.0061	0.015
6010	Selenium - Total	MG/L	0.0061	0.015
6010	Thallium - Soluble	MG/L	0.010	0.020
6010	Thallium - Total	MG/L	0.010	0.020

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: TESTAMERICA LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
EB-092208	A8B65303	SW8463	SW8463	-	-	SW8463	-	SW8463
EB-092308	A8B72702	SW8463	SW8463	-	-	SW8463	-	SW8463
EB-092408	A8B79406	SW8463	SW8463	-	-	SW8463	-	SW8463
FD-092408	A8B79404	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-1	A8B65301	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-2	A8B65302	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-3	A8B79407	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-4	A8B79402	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-5	A8B72701	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-6	A8B79403	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-8	A8B79405	SW8463	SW8463	-	-	SW8463	-	SW8463
MW-9	A8B79408	SW8463	SW8463	-	-	SW8463	-	SW8463

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
EB-092208	WATER	09/22/2008	09/23/2008	-	10/03/2008
EB-092308	WATER	09/23/2008	09/24/2008	-	10/04/2008
EB-092408	WATER	09/24/2008	09/25/2008	-	10/08/2008
FD-092408	WATER	09/24/2008	09/25/2008	-	10/08/2008
MW-1	WATER	09/22/2008	09/23/2008	-	10/03/2008
MW-2	WATER	09/22/2008	09/23/2008	-	10/03/2008
MW-3	WATER	09/24/2008	09/25/2008	-	10/08/2008
MW-4	WATER	09/24/2008	09/25/2008	-	10/08/2008
MW-5	WATER	09/23/2008	09/24/2008	-	10/04/2008
MW-6	WATER	09/24/2008	09/25/2008	-	10/08/2008
MW-8	WATER	09/24/2008	09/25/2008	-	10/08/2008
MW-9	WATER	09/24/2008	09/25/2008	-	10/08/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
EB-092208	WATER	09/22/2008	09/23/2008	09/25/2008	10/01/2008
EB-092308	WATER	09/23/2008	09/24/2008	09/26/2008	09/30/2008
EB-092408	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008
FD-092408	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008
MW-1	WATER	09/22/2008	09/23/2008	09/25/2008	09/26/2008
MW-2	WATER	09/22/2008	09/23/2008	09/25/2008	09/26/2008
MW-3	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008
MW-4	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008
MW-5	WATER	09/23/2008	09/24/2008	09/26/2008	09/30/2008
MW-6	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008
MW-8	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008
MW-9	WATER	09/24/2008	09/25/2008	09/30/2008	10/02/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
EB-092208	WATER	TAL ME	09/23/2008	09/25-30/2008	09/25-30/2008
EB-092308	WATER	TAL ME	09/24/2008	09/26-29/2008	09/26-30/2008
EB-092408	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008
FD-092408	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008
MW-1	WATER	TAL ME	09/23/2008	09/25-30/2008	09/25-30/2008
MW-2	WATER	TAL ME	09/23/2008	09/25-30/2008	09/25-30/2008
MW-3	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008
MW-4	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008
MW-5	WATER	TAL ME	09/24/2008	09/26-30/2008	09/26-30/2008
MW-6	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008
MW-8	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008
MW-9	WATER	TAL ME	09/25/2008	09/29-10/01/2008	09/29-10/03/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
EB-092208	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
EB-092308	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
EB-092408	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
FD-092408	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-1	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-2	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-3	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-4	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-5	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-6	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-8	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED
MW-9	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
EB-092208	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
EB-092308	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
EB-092408	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
FD-092408	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-1	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-2	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-3	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-4	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-5	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-6	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-8	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-9	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

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DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1682.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1682.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1795.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	3.0	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1795.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8716.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8716.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8714.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.51	J
156-60-5	trans-1,2-Dichloroethene	1.0	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8714.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	1.7	J
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1678.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1678.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1679.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	29	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	0.27	J
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.4	J
156-60-5	trans-1,2-Dichloroethene	0.38	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	0.61	J
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	0.56	J
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1679.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	1.1	J

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8717.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	6.1	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	160	E
156-60-5	trans-1,2-Dichloroethene	6.4	
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	160	E
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	58	
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	60	
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8717.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	3.6	J
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	6.2	
75-01-4	Vinyl chloride	24	
1330-20-7	Total Xylenes	100	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0133.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	40	U
71-43-2	Benzene	6.5	DJ
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	20	U
75-15-0	Carbon Disulfide	20	U
56-23-5	Carbon Tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
124-48-1	Dibromochloromethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	170	D
156-60-5	trans-1,2-Dichloroethene	6.7	DJ
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	190	D
591-78-6	2-Hexanone	20	U
98-82-8	Isopropylbenzene	56	D
79-20-9	Methyl acetate	20	U
108-87-2	Methylcyclohexane	54	D
75-09-2	Methylene chloride	10	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0133.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	20	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	3.9	DJ
120-82-1	1,2,4-Trichlorobenzene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
79-01-6	Trichloroethene	5.6	DJ
75-01-4	Vinyl chloride	26	D
1330-20-7	Total Xylenes	110	D

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Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8712.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	0.67	J
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8712.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1794.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	1.2	J
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
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Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1794.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8713.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	0.94	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8713.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	1.6	J
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8715.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	0.53	J
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	13	
156-60-5	trans-1,2-Dichloroethene	3.3	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8715.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	3.2	J
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8711.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	24	
71-43-2	Benzene	860	E
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	12	
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	180	E
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	2.9	J
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	130	E
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	23	
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	130	E
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8711.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	130	E
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	110	E
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	890	E

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Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0132.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	400	U
71-43-2	Benzene	1400	D
75-27-4	Bromodichloromethane	100	U
75-25-2	Bromoform	100	U
74-83-9	Bromomethane	100	U
78-93-3	2-Butanone	200	U
75-15-0	Carbon Disulfide	200	U
56-23-5	Carbon Tetrachloride	100	U
108-90-7	Chlorobenzene	100	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	100	U
74-87-3	Chloromethane	100	U
110-82-7	Cyclohexane	210	D
106-93-4	1,2-Dibromoethane	100	U
124-48-1	Dibromochloromethane	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
75-71-8	Dichlorodifluoromethane	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
156-59-2	cis-1,2-Dichloroethene	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
100-41-4	Ethylbenzene	260	D
591-78-6	2-Hexanone	200	U
98-82-8	Isopropylbenzene	31	DJ
79-20-9	Methyl acetate	200	U
108-87-2	Methylcyclohexane	130	DJ
75-09-2	Methylene chloride	100	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0132.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	U
100-42-5	Styrene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	180	D
120-82-1	1,2,4-Trichlorobenzene	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
75-69-4	Trichlorofluoromethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	100	U
1330-20-7	Total Xylenes	1500	D

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1683.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2.0	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	1.5	J

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1683.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1796.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1796.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

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Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8718.RR

Level: (low/med) LOW Date Samp/Recv: 09/25/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.52	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

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Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8718.RR

Level: (low/med) LOW Date Samp/Recv: 09/25/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: X26879.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: X26879.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.2	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: X26879.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U30785.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
208-96-8	Acenaphthylene	9	U
98-86-2	Acetophenone	9	U
120-12-7	Anthracene	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
56-55-3	Benzo(a)anthracene	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
191-24-2	Benzo(ghi)perylene	9	U
50-32-8	Benzo(a)pyrene	9	U
92-52-4	Biphenyl	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
85-68-7	Butyl benzyl phthalate	9	U
106-47-8	4-Chloroaniline	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-58-7	2-Chloronaphthalene	9	U
95-57-8	2-Chlorophenol	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
105-60-2	Caprolactam	47	U
86-74-8	Carbazole	9	U
218-01-9	Chrysene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
132-64-9	Dibenzofuran	9	U
84-74-2	Di-n-butyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
120-83-2	2,4-Dichlorophenol	9	U
84-66-2	Diethyl phthalate	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U30785.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	9	U
131-11-3	Dimethyl phthalate	9	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
51-28-5	2,4-Dinitrophenol	47	U
121-14-2	2,4-Dinitrotoluene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
117-84-0	Di-n-octyl phthalate	9	U
206-44-0	Fluoranthene	9	U
86-73-7	Fluorene	9	U
118-74-1	Hexachlorobenzene	9	U
87-68-3	Hexachlorobutadiene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
67-72-1	Hexachloroethane	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
78-59-1	Isophorone	9	U
91-57-6	2-Methylnaphthalene	9	U
95-48-7	2-Methylphenol	9	U
106-44-5	4-Methylphenol	9	U
91-20-3	Naphthalene	9	U
88-74-4	2-Nitroaniline	47	U
99-09-2	3-Nitroaniline	47	U
100-01-6	4-Nitroaniline	47	U
98-95-3	Nitrobenzene	9	U
88-75-5	2-Nitrophenol	9	U
100-02-7	4-Nitrophenol	47	U
86-30-6	N-nitrosodiphenylamine	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
87-86-5	Pentachlorophenol	47	U
85-01-8	Phenanthrene	9	U
108-95-2	Phenol	9	U
129-00-0	Pyrene	9	U
95-95-4	2,4,5-Trichlorophenol	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U30785.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26924.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26924.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26924.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26922.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26922.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26922.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26824.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
98-86-2	Acetophenone	50	U
120-12-7	Anthracene	50	U
1912-24-9	Atrazine	50	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
92-52-4	Biphenyl	50	U
111-91-1	Bis(2-chloroethoxy) methane	50	U
111-44-4	Bis(2-chloroethyl) ether	50	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	50	U
117-81-7	Bis(2-ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
106-47-8	4-Chloroaniline	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
105-60-2	Caprolactam	250	U
86-74-8	Carbazole	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenzo(a,h)anthracene	50	U
132-64-9	Dibenzofuran	50	U
84-74-2	Di-n-butyl phthalate	1	BJ
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26824.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	50	U
131-11-3	Dimethyl phthalate	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
51-28-5	2,4-Dinitrophenol	250	U
121-14-2	2,4-Dinitrotoluene	50	U
606-20-2	2,6-Dinitrotoluene	50	U
117-84-0	Di-n-octyl phthalate	50	U
206-44-0	Fluoranthene	50	U
86-73-7	Fluorene	50	U
118-74-1	Hexachlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
78-59-1	Isophorone	50	U
91-57-6	2-Methylnaphthalene	50	U
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	50	U
91-20-3	Naphthalene	50	U
88-74-4	2-Nitroaniline	250	U
99-09-2	3-Nitroaniline	250	U
100-01-6	4-Nitroaniline	250	U
98-95-3	Nitrobenzene	50	U
88-75-5	2-Nitrophenol	50	U
100-02-7	4-Nitrophenol	250	U
86-30-6	N-nitrosodiphenylamine	50	U
621-64-7	N-Nitroso-Di-n-propylamine	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
108-95-2	Phenol	50	U
129-00-0	Pyrene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26824.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	50	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26825.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	0.5	J
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	0.6	J
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	0.5	J
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	53	U
86-74-8	Carbazole	0.9	J
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.6	J
84-74-2	Di-n-butyl phthalate	0.4	BJ
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26825.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
51-28-5	2,4-Dinitrophenol	53	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	1	J
86-73-7	Fluorene	0.8	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	7	J
88-74-4	2-Nitroaniline	53	U
99-09-2	3-Nitroaniline	53	U
100-01-6	4-Nitroaniline	53	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	53	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	3	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	0.5	J
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26825.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26925.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	J
208-96-8	Acenaphthylene	7	J
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	0.3	J
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	15	
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	53	U
86-74-8	Carbazole	0.2	J
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.3	J
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	0.4	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26925.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
51-28-5	2,4-Dinitrophenol	53	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	1	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	7	BJ
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	100	B
88-74-4	2-Nitroaniline	53	U
99-09-2	3-Nitroaniline	53	U
100-01-6	4-Nitroaniline	53	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	53	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	1	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26925.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: X26920.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	12	U
208-96-8	Acenaphthylene	12	U
98-86-2	Acetophenone	12	U
120-12-7	Anthracene	12	U
1912-24-9	Atrazine	12	U
100-52-7	Benzaldehyde	12	U
56-55-3	Benzo(a)anthracene	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
191-24-2	Benzo(ghi)perylene	12	U
50-32-8	Benzo(a)pyrene	12	U
92-52-4	Biphenyl	12	U
111-91-1	Bis(2-chloroethoxy) methane	12	U
111-44-4	Bis(2-chloroethyl) ether	12	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	12	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	U
101-55-3	4-Bromophenyl phenyl ether	12	U
85-68-7	Butyl benzyl phthalate	12	U
106-47-8	4-Chloroaniline	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-58-7	2-Chloronaphthalene	12	U
95-57-8	2-Chlorophenol	12	U
7005-72-3	4-Chlorophenyl phenyl ether	12	U
105-60-2	Caprolactam	61	U
86-74-8	Carbazole	12	U
218-01-9	Chrysene	12	U
53-70-3	Dibenzo(a,h)anthracene	12	U
132-64-9	Dibenzofuran	12	U
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	12	U
120-83-2	2,4-Dichlorophenol	12	U
84-66-2	Diethyl phthalate	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: X26920.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	U
131-11-3	Dimethyl phthalate	12	U
534-52-1	4,6-Dinitro-2-methylphenol	61	U
51-28-5	2,4-Dinitrophenol	61	U
121-14-2	2,4-Dinitrotoluene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
117-84-0	Di-n-octyl phthalate	12	U
206-44-0	Fluoranthene	12	U
86-73-7	Fluorene	12	U
118-74-1	Hexachlorobenzene	12	U
87-68-3	Hexachlorobutadiene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
67-72-1	Hexachloroethane	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
78-59-1	Isophorone	12	U
91-57-6	2-Methylnaphthalene	12	U
95-48-7	2-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
91-20-3	Naphthalene	12	U
88-74-4	2-Nitroaniline	61	U
99-09-2	3-Nitroaniline	61	U
100-01-6	4-Nitroaniline	61	U
98-95-3	Nitrobenzene	12	U
88-75-5	2-Nitrophenol	12	U
100-02-7	4-Nitrophenol	61	U
86-30-6	N-nitrosodiphenylamine	12	U
621-64-7	N-Nitroso-Di-n-propylamine	12	U
87-86-5	Pentachlorophenol	61	U
85-01-8	Phenanthrene	12	U
108-95-2	Phenol	12	U
129-00-0	Pyrene	12	U
95-95-4	2,4,5-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: X26920.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 810.00 (g/mL) ML Lab File ID: U30784.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	2	J
208-96-8	Acenaphthylene	12	U
98-86-2	Acetophenone	12	U
120-12-7	Anthracene	0.2	J
1912-24-9	Atrazine	12	U
100-52-7	Benzaldehyde	12	U
56-55-3	Benzo(a)anthracene	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
191-24-2	Benzo(ghi)perylene	12	U
50-32-8	Benzo(a)pyrene	12	U
92-52-4	Biphenyl	0.6	J
111-91-1	Bis(2-chloroethoxy) methane	12	U
111-44-4	Bis(2-chloroethyl) ether	12	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	12	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	U
101-55-3	4-Bromophenyl phenyl ether	12	U
85-68-7	Butyl benzyl phthalate	12	U
106-47-8	4-Chloroaniline	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-58-7	2-Chloronaphthalene	12	U
95-57-8	2-Chlorophenol	12	U
7005-72-3	4-Chlorophenyl phenyl ether	12	U
105-60-2	Caprolactam	62	U
86-74-8	Carbazole	12	U
218-01-9	Chrysene	12	U
53-70-3	Dibenzo(a,h)anthracene	12	U
132-64-9	Dibenzofuran	12	U
84-74-2	Di-n-butyl phthalate	0.7	J
91-94-1	3,3'-Dichlorobenzidine	12	U
120-83-2	2,4-Dichlorophenol	12	U
84-66-2	Diethyl phthalate	0.6	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 810.00 (g/mL) ML Lab File ID: U30784.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	U
131-11-3	Dimethyl phthalate	12	U
534-52-1	4,6-Dinitro-2-methylphenol	62	U
51-28-5	2,4-Dinitrophenol	62	U
121-14-2	2,4-Dinitrotoluene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
117-84-0	Di-n-octyl phthalate	12	U
206-44-0	Fluoranthene	12	U
86-73-7	Fluorene	0.6	J
118-74-1	Hexachlorobenzene	12	U
87-68-3	Hexachlorobutadiene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
67-72-1	Hexachloroethane	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
78-59-1	Isophorone	12	U
91-57-6	2-Methylnaphthalene	0.4	J
95-48-7	2-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
91-20-3	Naphthalene	0.9	BJ
88-74-4	2-Nitroaniline	62	U
99-09-2	3-Nitroaniline	62	U
100-01-6	4-Nitroaniline	62	U
98-95-3	Nitrobenzene	12	U
88-75-5	2-Nitrophenol	12	U
100-02-7	4-Nitrophenol	62	U
86-30-6	N-nitrosodiphenylamine	12	U
621-64-7	N-Nitroso-Di-n-propylamine	12	U
87-86-5	Pentachlorophenol	62	U
85-01-8	Phenanthrene	0.7	J
108-95-2	Phenol	12	U
129-00-0	Pyrene	12	U
95-95-4	2,4,5-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 810.00 (g/mL) ML Lab File ID: U30784.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 890.00 (g/mL) ML Lab File ID: X26921.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	11	U
120-12-7	Anthracene	11	U
1912-24-9	Atrazine	11	U
100-52-7	Benzaldehyde	11	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
92-52-4	Biphenyl	11	U
111-91-1	Bis(2-chloroethoxy) methane	11	U
111-44-4	Bis(2-chloroethyl) ether	11	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
105-60-2	Caprolactam	56	U
86-74-8	Carbazole	11	U
218-01-9	Chrysene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
132-64-9	Dibenzofuran	11	U
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	11	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 890.00 (g/mL) ML Lab File ID: X26921.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	11	U
131-11-3	Dimethyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	56	U
51-28-5	2,4-Dinitrophenol	56	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
117-84-0	Di-n-octyl phthalate	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
91-20-3	Naphthalene	11	U
88-74-4	2-Nitroaniline	56	U
99-09-2	3-Nitroaniline	56	U
100-01-6	4-Nitroaniline	56	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	56	U
86-30-6	N-nitrosodiphenylamine	11	U
621-64-7	N-Nitroso-Di-n-propylamine	11	U
87-86-5	Pentachlorophenol	56	U
85-01-8	Phenanthrene	11	U
108-95-2	Phenol	11	U
129-00-0	Pyrene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 890.00 (g/mL) ML Lab File ID: X26921.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 940.00 (g/mL) ML Lab File ID: X26923.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	11	U
120-12-7	Anthracene	11	U
1912-24-9	Atrazine	11	U
100-52-7	Benzaldehyde	11	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
92-52-4	Biphenyl	11	U
111-91-1	Bis(2-chloroethoxy) methane	11	U
111-44-4	Bis(2-chloroethyl) ether	11	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
105-60-2	Caprolactam	53	U
86-74-8	Carbazole	11	U
218-01-9	Chrysene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
132-64-9	Dibenzofuran	11	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	11	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	0.5	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 940.00 (g/mL) ML Lab File ID: X26923.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	11	U
131-11-3	Dimethyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
51-28-5	2,4-Dinitrophenol	53	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
117-84-0	Di-n-octyl phthalate	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
91-20-3	Naphthalene	11	U
88-74-4	2-Nitroaniline	53	U
99-09-2	3-Nitroaniline	53	U
100-01-6	4-Nitroaniline	53	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	53	U
86-30-6	N-nitrosodiphenylamine	11	U
621-64-7	N-Nitroso-Di-n-propylamine	11	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	11	U
108-95-2	Phenol	11	U
129-00-0	Pyrene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 940.00 (g/mL) ML Lab File ID: X26923.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: X26919.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	21	
120-12-7	Anthracene	11	U
1912-24-9	Atrazine	11	U
100-52-7	Benzaldehyde	11	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
92-52-4	Biphenyl	0.2	J
111-91-1	Bis(2-chloroethoxy) methane	3	J
111-44-4	Bis(2-chloroethyl) ether	11	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
105-60-2	Caprolactam	54	U
86-74-8	Carbazole	11	U
218-01-9	Chrysene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
132-64-9	Dibenzofuran	11	U
84-74-2	Di-n-butyl phthalate	0.6	J
91-94-1	3,3'-Dichlorobenzidine	11	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	0.6	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: X26919.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	
131-11-3	Dimethyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	54	U
51-28-5	2,4-Dinitrophenol	54	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
117-84-0	Di-n-octyl phthalate	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	2	J
106-44-5	4-Methylphenol	6	J
91-20-3	Naphthalene	3	BJ
88-74-4	2-Nitroaniline	54	U
99-09-2	3-Nitroaniline	54	U
100-01-6	4-Nitroaniline	54	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	54	U
86-30-6	N-nitrosodiphenylamine	11	U
621-64-7	N-Nitroso-Di-n-propylamine	11	U
87-86-5	Pentachlorophenol	54	U
85-01-8	Phenanthrene	0.3	J
108-95-2	Phenol	60	
129-00-0	Pyrene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: X26919.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	11	U

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65303 **Client ID:** EB-092208

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22901 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:18:58	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Sodium	<	5000	ug/L	U		5000	5000	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65303-SOL **Client ID:** EB-092208-SOL

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22896 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/25/2008	14:43:40	LEEMAN PS2	H09258SW	CV
Sodium	<	5000	ug/L	U		5000	5000	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72702 **Client ID:** EB-092308

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22979 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:34:25	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Sodium	<	5000	ug/L	U		5000	5000	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72702-SOL **Client ID:** EB-092308-SOL

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22975 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	18:58:35	LEEMAN PS2	H09298SW	CV
Sodium	<	5000	ug/L	U		5000	5000	1	9/29/2008	23:09	SUPERTRACE	1092908C2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79406 **Client ID:** EB-092408

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Calcium	<	500	ug/L	U		500	500	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Iron	<	100	ug/L	U		100	100	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Magnesium	<	5000	ug/L	U		5000	5000	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Potassium	<	5000	ug/L	U		5000	5000	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:48:59	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Sodium	<	5000	ug/L	U		5000	5000	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79406-SOL **Client ID:** EB-092408-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Calcium	<	500	ug/L	U		500	500	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Magnesium	<	5000	ug/L	U		5000	5000	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Potassium	<	5000	ug/L	U		5000	5000	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:13:09	LEEMAN PS2	H09298SW	CV
Sodium	<	5000	ug/L	U		5000	5000	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:46	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79404 **Client ID:** FD-092408

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Barium		**91.4**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Calcium		**71900**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Iron		**2640**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Magnesium		**191000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Manganese		**41.7**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Potassium		**12000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:42:01	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Sodium		**75400**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79404-SOL **Client ID:** FD-092408-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Barium		**75.8**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Calcium		**70500**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Magnesium		**190000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Manganese		**40.6**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Potassium		**11700**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:07:05	LEEMAN PS2	H09298SW	CV
Sodium		**75600**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:36	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65301 **Client ID:** MW-1

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22901 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Barium		**223**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Calcium		**160000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Iron		**18100**	**ug/L**			**100**	100	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Lead		**4.3**	**ug/L**			**3.0**	3.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Magnesium		**24800**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Manganese		**469**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Potassium		**8730**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:10:45	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Sodium		**46600**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Zinc		**123**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65301-SOL **Client ID:** MW-1-SOL

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22896 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Barium		**181**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Calcium		**166000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Iron		**728**	**ug/L**			**100**	100	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Magnesium		**26200**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Manganese		**494**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Potassium		**9270**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/25/2008	14:36:09	LEEMAN PS2	H09258SW	CV
Sodium		**47900**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Zinc		**88.9**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65302 **Client ID:** MW-2

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22901 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**669**	**ug/L**			**190**	190	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Barium		**98.2**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Calcium		**80700**	**ug/L**			**500**	500	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Iron		**6520**	**ug/L**			**100**	100	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Lead		**14.6**	**ug/L**			**3.0**	3.0	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Magnesium		**37300**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Manganese		**436**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Potassium		**13800**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:12:14	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Sodium		**53800**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65302-SOL **Client ID:** MW-2-SOL

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22896 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Barium		**80.2**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Calcium		**76800**	**ug/L**			**500**	500	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Magnesium		**36600**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Manganese		**388**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Potassium		**14200**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/25/2008	14:37:53	LEEMAN PS2	H09258SW	CV
Sodium		**55100**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79407 **Client ID:** MW-3

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**405**	**ug/L**			**190**	190	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Barium		**222**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Calcium		**127000**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Iron		**14800**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Magnesium		**44900**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Manganese		**321**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Potassium		**9150**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:50:36	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Sodium		**14300**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79407-SOL **Client ID:** MW-3-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**258**	**ug/L**			**190**	190	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Barium		**184**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Calcium		**127000**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Magnesium		**45800**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Manganese		**293**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Potassium		**9190**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:14:49	LEEMAN PS2	H09298SW	CV
Sodium		**14900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:51	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79402 **Client ID:** MW-4

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**887**	**ug/L**			**190**	190	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Barium		**201**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Calcium		**143000**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Iron		**1130**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Magnesium		**54300**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Manganese		**113**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Potassium		**7730**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Selenium		**7.0**	**ug/L**			**6.1**	6.1	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:38:46	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Sodium		**8260**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79402-SOL **Client ID:** MW-4-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Barium		**187**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Calcium		**135000**	**ug/L**			**500**	500	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Magnesium		**50900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Potassium		**7150**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:03:58	LEEMAN PS2	H09298SW	CV
Sodium		**7830**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:26	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72701 **Client ID:** MW-5

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22979 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Arsenic		**21.4**	**ug/L**			**10.0**	10.0	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Barium		**580**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Calcium		**245000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Iron		**25200**	**ug/L**			**100**	100	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Magnesium		**67400**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Manganese		**1090**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Potassium		**7100**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:32:58	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Sodium		**22600**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72701-SOL **Client ID:** MW-5-SOL

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22975 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Barium		**396**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Calcium		**233000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Magnesium		**63900**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Manganese		**1000**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Potassium		**6080**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Selenium		**6.8**	**ug/L**			**6.1**	6.1	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	18:56:49	LEEMAN PS2	H09298SW	CV
Sodium		**21200**	**ug/L**			**5000**	5000	**1**	**9/29/2008**	**23:04**	SUPERTRACE	1092908C2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79403 **Client ID:** MW-6

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Barium		**92.9**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Calcium		**72800**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Iron		**2740**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Magnesium		**194000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Manganese		**42.3**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Potassium		**12200**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:40:33	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Sodium		**76600**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79403-SOL **Client ID:** MW-6-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Barium		**78.2**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Calcium		**72500**	**ug/L**			**500**	500	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Magnesium		**197000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Manganese		**40.9**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Potassium		**12000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:05:38	LEEMAN PS2	H09298SW	CV
Sodium		**76900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:31	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79405 **Client ID:** MW-8

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Barium		**292**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Calcium		**195000**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Iron		**21100**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Magnesium		**51500**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Manganese		**1490**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Potassium		**14900**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:43:37	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Sodium		**100000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79405-SOL **Client ID:** MW-8-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Barium		**208**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Calcium		**184000**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Iron		**208**	**ug/L**			**100**	100	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Magnesium		**50500**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Manganese		**1420**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Potassium		**14100**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:08:43	LEEMAN PS2	H09298SW	CV
Sodium		**96700**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:41	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79401 **Client ID:** MW-9

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**67500**	**ug/L**			**190**	190	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Arsenic		**45.8**	**ug/L**			**10.0**	10.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Barium		**499**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Calcium		**742000**	**ug/L**			**2500**	2500	**5**	**10/2/2008**	**19:25**	SUPERTRACE2	A10020X	P
Chromium		**121**	**ug/L**			**10.0**	10.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Copper		**190**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Iron		**128000**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Lead		**830**	**ug/L**			**3.0**	3.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Magnesium		**344000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Manganese		**4450**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Nickel		**112**	**ug/L**			**40.0**	40.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Potassium		**40200**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:37:19	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Sodium		**265000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Vanadium		**130**	**ug/L**			**50.0**	50.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Zinc		**587**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79408-SOL **Client ID:** MW-9-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/25/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Barium		**78.8**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Calcium		**35400**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Magnesium		**19200**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Manganese		**129**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Potassium		**26900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Mercury	*<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:16:28	LEEMAN PS2	H09298SW	CV
Sodium		**300000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	19:10	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P

Comments:

Wet Chemistry Analysis

Client Sample No.: EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B65303

% Solids: 0.0 Date Samp/Recv: 09/22/2008 09/23/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B72702

% Solids: 0.0 Date Samp/Recv: 09/23/2008 09/24/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79406

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79404

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B65301

% Solids: 0.0 Date Samp/Recv: 09/22/2008 09/23/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B65302

% Solids: 0.0 Date Samp/Recv: 09/22/2008 09/23/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79407

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79402

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B72701

% Solids: 0.0 Date Samp/Recv: 09/23/2008 09/24/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79403

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79405

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis **124/3787**

Client Sample No.: MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79408

% Solids: 0.0 Date Samp/Recv: 09/25/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EB-092208	A8B65303	102		122		103							0
2	EB-092308	A8B72702	105		123		107							0
3	EB-092408	A8B79406	104		108		99							0
4	FD-092408	A8B79404	108		111		101							0
5	MSB04	A8B2351101	106		117		104							0
6	MSB66	A8B2390501	106		101		106							0
7	MSB69	A8B2384801	108		116		101							0
8	MSB71	A8B2363801	108		107		110							0
9	MW-1	A8B65301	104		126		106							0
10	MW-2	A8B65302	105		126		105							0
11	MW-2	A8B65302MS	108		126		107							0
12	MW-2	A8B65302SD	105		125		105							0
13	MW-3	A8B79407	86		100		82							0
14	MW-3	A8B79407DL	94		103		96							0
15	MW-4	A8B79402	108		106		99							0
16	MW-5	A8B72701	108		124		106							0
17	MW-6	A8B79403	103		103		95							0
18	MW-8	A8B79405	99		104		96							0
19	MW-9	A8B79401	88		98		80							0
20	MW-9	A8B79401DL	103		106		105							0
21	TB-092208	A8B65304	105		127		107							0
22	TB-092308	A8B72703	106		124		107							0
23	TRIP BLANK	A8B79409	104		103		98							0
24	VBLK04	A8B2351102	106		125		107							0
25	VBLK66	A8B2390502	100		101		104							0
26	VBLK69	A8B2384802	99		110		96							0
27	VBLK71	A8B2363802	105		103		108							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (66-137)
TOL = Toluene-D8 (71-126)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

	Client Sample ID	Lab Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	EB-092208	A8B65303	42		64		72		30		88		54				0
2	EB-092308	A8B72702	37		64		65		29		74		54				0
3	EB-092408	A8B79406	36		65		75		27		92		51				0
4	FD-092408	A8B79404	38		68		75		29		97		40				0
5	MW-1	A8B65301	41		72		77		24		88		47				0
6	MW-2	A8B65302	38		70		73		23		85		42				0
7	MW-2	A8B65302MS	37		76		76		23		85		41				0
8	MW-2	A8B65302SD	37		73		73		23		84		40				0
9	MW-3	A8B79407	33		62		68		26		93		53				0
10	MW-4	A8B79402	39		63		73		30		77		43				0
11	MW-5	A8B72701	44		61		66		35		80		44				0
12	MW-6	A8B79403	39		66		76		30		94		41				0
13	MW-8	A8B79405	35		61		68		27		92		38				0
14	MW-9	A8B79401	40		66		80		30		97		48				0
15	SBLK56	A8B2301502	41		61		66		33		80		56				0
16	SBLK60	A8B2292802	33		59		66		21		84		55				0
17	SBLK69	A8B2324803	34		58		66		26		93		52				0
18	SMBS69	A8B2324801	38		61		74		28		90		48				0
19	SMSB56	A8B2301501	39		67		71		32		84		57				0
20	SMSB60	A8B2292801	28		69		64		18		80		46				0
21	SMSBD69	A8B2324802	33		56		66		27		77		50				0

		QC LIMITS
2FP	= 2-Fluorophenol	(20-120)
FBP	= 2-Fluorobiphenyl	(48-120)
NBZ	= Nitrobenzene-D5	(46-120)
PHL	= Phenol-D5	(16-120)
TBP	= 2,4,6-Tribromophenol	(52-132)
TPH	= p-Terphenyl-d14	(24-136)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2390502

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK66

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	24.5	98	73 - 143
Trichloroethene	25.0	25.5	102	77 - 123
Benzene	25.0	25.1	100	76 - 121
Toluene	25.0	25.1	101	69 - 120
Chlorobenzene	25.0	25.0	100	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2363802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK71

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	22.7	91	73 - 143
Trichloroethene	25.0	24.5	98	77 - 123
Benzene	25.0	23.5	94	76 - 121
Toluene	25.0	23.8	95	69 - 120
Chlorobenzene	25.0	24.2	97	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2351102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK04

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.1	100	73 - 143
Trichloroethene	25.0	25.5	102	77 - 123
Benzene	25.0	23.4	94	76 - 121
Toluene	25.0	23.6	94	69 - 120
Chlorobenzene	25.0	24.1	97	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2384802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK69

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.9	104	73 - 143
Trichloroethene	25.0	26.5	106	77 - 123
Benzene	25.0	24.9	100	76 - 121
Toluene	25.0	23.5	94	69 - 120
Chlorobenzene	25.0	23.5	94	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B65302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: MW-2

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	0	33.1	132	73 - 143
Trichloroethene	25.0	0	31.0	124 *	77 - 123
Benzene	25.0	29.0	57.2	113	76 - 121
Toluene	25.0	0	29.1	116	69 - 120
Chlorobenzene	25.0	0	29.4	118	73 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25.0	32.3	130	2	16	73 - 143
Trichloroethene	25.0	30.9	124 *	0	16	77 - 123
Benzene	25.0	56.6	110	3	13	76 - 121
Toluene	25.0	28.3	113	3	18	69 - 120
Chlorobenzene	25.0	29.0	116	2	19	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike recovery: 2 out of 10 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2301502

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: SBLK56

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	37.0	37	17 - 120
2-Chlorophenol	100	69.8	70	47 - 120
N-Nitroso-Di-n-propyl(1)	100	91.5	92	51 - 120
4-Chloro-3-methylphenol	100	93.7	94	64 - 120
Acenaphthene	100	82.6	83	60 - 120
4-Nitrophenol	100	33.8	34	16 - 120
2,4-Dinitrotoluene	100	98.5	98	58 - 125
Pentachlorophenol	100	100	101	39 - 136
Pyrene	100	89.0	89	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2292802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: SBLK60

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
Phenol	100	23.5	24		17 - 120
2-Chlorophenol	100	50.5	50		47 - 120
N-Nitroso-Di-n-propyl(1)	100	60.0	60		51 - 120
4-Chloro-3-methylphenol	100	58.8	59	*	64 - 120
Acenaphthene	100	70.5	70		60 - 120
4-Nitrophenol	100	30.2	30		16 - 120
2,4-Dinitrotoluene	100	85.0	85		58 - 125
Pentachlorophenol	100	69.8	70		39 - 136
Pyrene	100	62.8	63		58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 1 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2324803

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: SBLK69

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
Phenol	100	31.8	32		17 - 120
2-Chlorophenol	100	64.6	65		47 - 120
N-Nitroso-Di-n-propyl(1)	100	82.1	82		51 - 120
4-Chloro-3-methylphenol	100	87.3	87		64 - 120
Acenaphthene	100	73.4	73		60 - 120
4-Nitrophenol	100	43.7	44		16 - 120
2,4-Dinitrotoluene	100	93.7	94		58 - 125
Pentachlorophenol	100	118	118		39 - 136
Pyrene	100	69.6	70		58 - 136

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	100	29.6	30		6		39	17 - 120
2-Chlorophenol	100	57.0	57		13		33	47 - 120
N-Nitroso-Di-n-propylami	100	74.9	75		9		38	51 - 120
4-Chloro-3-methylphenol	100	81.2	81		7		25	64 - 120
Acenaphthene	100	66.2	66		10		23	60 - 120
4-Nitrophenol	100	37.3	37		17		30	16 - 120
2,4-Dinitrotoluene	100	80.4	80		16		20	58 - 125
Pentachlorophenol	100	88.5	88		29	*	27	39 - 136
Pyrene	100	71.1	71		1		25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B65302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: MW-2

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC	#	QC LIMITS REC.
Phenol	105	0	24.5	23		17 - 120
2-Chlorophenol	105	0	62.4	59		47 - 120
N-Nitroso-Di-n-propyl(1)	105	0	71.3	68		51 - 120
4-Chloro-3-methylphenol	105	0	85.5	81		64 - 120
Acenaphthene	105	0.54	88.2	83		60 - 120
4-Nitrophenol	105	0	5.2	5	*	16 - 120
2,4-Dinitrotoluene	105	0	99.4	94		58 - 125
Pentachlorophenol	105	0	31.2	30	*	39 - 136
Pyrene	105	0.49	65.1	61		58 - 136

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	104	24.7	24		4		39	17 - 120
2-Chlorophenol	104	60.4	58		2		33	47 - 120
N-Nitroso-Di-n-propyl(1)	104	66.8	64		6		38	51 - 120
4-Chloro-3-methylphenol	104	79.5	76		6		25	64 - 120
Acenaphthene	104	83.6	80		4		23	60 - 120
4-Nitrophenol	104	5.3	5	*	0		30	16 - 120
2,4-Dinitrotoluene	104	98.2	94		0		20	58 - 125
Pentachlorophenol	104	28.6	28	*	7		27	39 - 136
Pyrene	104	62.5	60		2		25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 4 out of 18 outside limits

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\MS

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10202.3900		668.8200		10000.00	95		P
Antimony	75 - 125	204.7300	B	5.4800	U	200.00	102		P
Arsenic	75 - 125	206.0900		5.5400	B	200.00	100		P
Barium	75 - 125	298.8200		98.2500		200.00	100		P
Beryllium	75 - 125	199.2600		0.3300	U	200.00	100		P
Cadmium	75 - 125	197.7500		0.3300	U	200.00	99		P
Calcium		87446.2600		80702.6150		10000.00	67		P
Chromium	75 - 125	199.2700		1.6100	B	200.00	99		P
Cobalt	75 - 125	197.7100		1.0600	U	200.00	99		P
Copper	75 - 125	198.4100		1.2600	U	200.00	99		P
Iron	75 - 125	15853.4400		6516.5900		10000.00	93		P
Lead	75 - 125	199.9400		14.6500		200.00	93		P
Magnesium	75 - 125	45922.4700		37319.6200		10000.00	86		P
Manganese	75 - 125	610.5200		435.9800		200.00	87		P
Nickel	75 - 125	198.4800		1.0300	U	200.00	99		P
Potassium	75 - 125	24119.1900		13818.4000		10000.00	103		P
Selenium	75 - 125	202.4000		6.1000	U	200.00	101		P
Mercury	75 - 125	6.5000		0.3000	U	6.67	97		CV
Silver	75 - 125	51.2800		1.2700	U	50.00	103		P
Sodium		64345.1500		53767.9900		10000.00	106		P
Thallium	75 - 125	207.1400		5.8800	U	200.00	104		P
Vanadium	75 - 125	198.7000		0.9800	U	200.00	99		P
Zinc	75 - 125	196.8200		6.9000	B	200.00	95		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\MS-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10885.1400		23.6100	U	10000.00	109		P
Antimony	75 - 125	207.6900	B	5.4800	U	200.00	104		P
Arsenic	75 - 125	220.0400		3.7000	U	200.00	110		P
Barium	75 - 125	303.9300		80.2000		200.00	112		P
Beryllium	75 - 125	218.8200		0.3300	U	200.00	109		P
Cadmium	75 - 125	208.4800		0.3300	U	200.00	104		P
Calcium		89592.2700		76839.4400		10000.00	128		P
Chromium	75 - 125	215.5800		0.8800	U	200.00	108		P
Cobalt	75 - 125	212.5600		1.0600	U	200.00	106		P
Copper	75 - 125	216.8000		1.2600	U	200.00	108		P
Iron	75 - 125	10652.4000		19.3000	U	10000.00	107		P
Lead	75 - 125	211.7200		2.9000	U	200.00	106		P
Magnesium	75 - 125	48181.6400		36573.0000		10000.00	116		P
Manganese	75 - 125	610.5600		387.7500		200.00	111		P
Nickel	75 - 125	210.3200		1.0300	U	200.00	105		P
Potassium	75 - 125	25616.3500		14157.9700		10000.00	115		P
Selenium	75 - 125	209.9700		6.1000	U	200.00	105		P
Silver	75 - 125	55.1900		1.2700	U	50.00	110		P
Mercury	75 - 125	6.8833		0.3000	U	6.67	103		CV
Sodium		67503.7000		55140.5600		10000.00	124		P
Thallium	75 - 125	207.0200		5.8800	U	200.00	104		P
Vanadium	75 - 125	213.1200		0.9800	U	200.00	107		P
Zinc	75 - 125	214.6200		3.6000	U	200.00	107		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10751.1100		668.8200		10000.00	101		P
Antimony	75 - 125	207.1000	B	5.4800	U	200.00	104		P
Arsenic	75 - 125	208.4300		5.5400	B	200.00	101		P
Barium	75 - 125	301.7300		98.2500		200.00	102		P
Beryllium	75 - 125	199.0500		0.3300	U	200.00	100		P
Cadmium	75 - 125	197.4300		0.3300	U	200.00	99		P
Calcium		90035.7500		80702.6150		10000.00	93		P
Chromium	75 - 125	200.2900		1.6100	B	200.00	99		P
Cobalt	75 - 125	198.5100		1.0600	U	200.00	99		P
Copper	75 - 125	200.4100		1.2600	U	200.00	100		P
Iron	75 - 125	16650.0000		6516.5900		10000.00	101		P
Lead	75 - 125	212.8100		14.6500		200.00	99		P
Magnesium		47203.7500		37319.6200		10000.00	99		P
Manganese	75 - 125	642.9100		435.9800		200.00	103		P
Nickel	75 - 125	199.4100		1.0300	U	200.00	100		P
Potassium	75 - 125	24075.2900		13818.4000		10000.00	103		P
Selenium	75 - 125	204.1700		6.1000	U	200.00	102		P
Mercury	75 - 125	6.6500		0.3000	U	6.67	100		CV
Silver	75 - 125	50.1800		1.2700	U	50.00	100		P
Sodium		63989.9600		53767.9900		10000.00	102		P
Thallium	75 - 125	207.5500		5.8800	U	200.00	104		P
Vanadium	75 - 125	199.5200		0.9800	U	200.00	100		P
Zinc	75 - 125	199.8300		6.9000	B	200.00	96		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\SD-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10708.4800		23.6100	U	10000.00	107		P
Antimony	75 - 125	209.0800	B	5.4800	U	200.00	105		P
Arsenic	75 - 125	216.3600		3.7000	U	200.00	108		P
Barium	75 - 125	297.9200		80.2000		200.00	109		P
Beryllium	75 - 125	217.6600		0.3300	U	200.00	109		P
Cadmium	75 - 125	207.7100		0.3300	U	200.00	104		P
Calcium		88117.9800		76839.4400		10000.00	113		P
Chromium	75 - 125	213.1800		0.8800	U	200.00	107		P
Cobalt	75 - 125	211.0200		1.0600	U	200.00	106		P
Copper	75 - 125	212.5100		1.2600	U	200.00	106		P
Iron	75 - 125	10565.7300		19.3000	U	10000.00	106		P
Lead	75 - 125	211.8300		2.9000	U	200.00	106		P
Magnesium		47573.0900		36573.0000		10000.00	110		P
Manganese	75 - 125	602.2100		387.7500		200.00	107		P
Nickel	75 - 125	209.4500		1.0300	U	200.00	105		P
Potassium	75 - 125	25024.7900		14157.9700		10000.00	109		P
Selenium	75 - 125	209.6900		6.1000	U	200.00	105		P
Silver	75 - 125	54.2500		1.2700	U	50.00	108		P
Mercury	75 - 125	6.9333		0.3000	U	6.67	104		CV
Sodium		65615.6100		55140.5600		10000.00	105		P
Thallium	75 - 125	205.7500		5.8800	U	200.00	103		P
Vanadium	75 - 125	210.6000		0.9800	U	200.00	105		P
Zinc	75 - 125	214.2300		3.6000	U	200.00	107		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2A

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	11193.64		668.82		10000.0	105		P
Antimony	75 - 125	201.02	B	5.48	U	200.0	101		P
Arsenic	75 - 125	202.74		5.54	B	200.0	99		P
Barium	75 - 125	307.79		98.25		200.0	105		P
Beryllium	75 - 125	202.82		0.33	U	200.0	101		P
Cadmium	75 - 125	200.83		0.33	U	200.0	100		P
Calcium	75 - 125	89024.97		80702.62		10000.0	83		P
Chromium	75 - 125	202.59		1.61	B	200.0	100		P
Cobalt	75 - 125	200.33		1.06	U	200.0	100		P
Copper	75 - 125	201.94		1.26	U	200.0	101		P
Iron	75 - 125	16437.94		6516.59		10000.0	99		P
Lead	75 - 125	212.99		14.65		200.0	99		P
Magnesium	75 - 125	46618.46		37319.62		10000.0	93		P
Manganese	75 - 125	627.58		435.98		200.0	96		P
Nickel	75 - 125	201.93		1.03	U	200.0	101		P
Potassium	75 - 125	24433.21		13818.40		10000.0	106		P
Selenium	75 - 125	209.68		6.10	U	200.0	105		P
Silver	75 - 125	51.17		1.27	U	50.0	102		P
Sodium	75 - 125	63223.83		53767.99		10000.0	95		P
Thallium	75 - 125	212.03		5.88	U	200.0	106		P
Vanadium	75 - 125	203.05		0.98	U	200.0	102		P
Zinc	75 - 125	205.08		6.90	B	200.0	99		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.: MW-2A-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	11353.71		23.61	U	10000.0	114		P
Antimony	75 - 125	207.15	B	5.48	U	200.0	104		P
Arsenic	75 - 125	219.63		3.70	U	200.0	110		P
Barium	75 - 125	307.89		80.20		200.0	114		P
Beryllium	75 - 125	222.61		0.33	U	200.0	111		P
Cadmium	75 - 125	211.48		0.33	U	200.0	106		P
Calcium	75 - 125	85875.32		76839.44		10000.0	90		P
Chromium	75 - 125	217.22		0.88	U	200.0	109		P
Cobalt	75 - 125	214.19		1.06	U	200.0	107		P
Copper	75 - 125	216.25		1.26	U	200.0	108		P
Iron	75 - 125	10784.58		19.30	U	10000.0	108		P
Lead	75 - 125	214.00		2.90	U	200.0	107		P
Magnesium	75 - 125	46828.06		36573.00		10000.0	103		P
Manganese	75 - 125	599.59		387.75		200.0	106		P
Nickel	75 - 125	212.23		1.03	U	200.0	106		P
Potassium	75 - 125	25266.25		14157.97		10000.0	111		P
Selenium	75 - 125	212.15		6.10	U	200.0	106		P
Silver	75 - 125	54.19		1.27	U	50.0	108		P
Sodium	75 - 125	65092.23		55140.56		10000.0	100		P
Thallium	75 - 125	208.83		5.88	U	200.0	104		P
Vanadium	75 - 125	216.58		0.98	U	200.0	108		P
Zinc	75 - 125	218.67		3.60	U	200.0	109		P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
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DUPLICATES

SAMPLE NO.

MW-2\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10202.3894		10751.1100		5		P
Antimony		204.7300	B	207.1000	B	1		P
Arsenic		206.0900		208.4300		1		P
Barium		298.8200		301.7300		1		P
Beryllium		199.2600		199.0500		0		P
Cadmium		197.7500		197.4300		0		P
Calcium		87446.2600		90035.7500		3		P
Chromium		199.2700		200.2900		1		P
Cobalt		197.7100		198.5100		0		P
Copper		198.4100		200.4100		1		P
Iron		15853.4400		16650.0000		5		P
Lead		199.9400		212.8100		6		P
Magnesium		45922.4700		47203.7500		3		P
Manganese		610.5200		642.9100		5		P
Nickel		198.4800		199.4100		0		P
Potassium		24119.1900		24075.2900		0		P
Selenium		202.4000		204.1700		1		P
Mercury		6.5000		6.6500		2		CV
Silver		51.2800		50.1800		2		P
Sodium		64345.1500		63989.9600		1		P
Thallium		207.1400		207.5500		0		P
Vanadium		198.7000		199.5200		0		P
Zinc		196.8200		199.8300		2		P

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
-6-
DUPLICATES

SAMPLE NO.

MW-2\SD-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10885.1400		10708.4800		2		P
Antimony		207.6900	B	209.0800	B	1		P
Arsenic		220.0400		216.3600		2		P
Barium		303.9300		297.9200		2		P
Beryllium		218.8200		217.6600		1		P
Cadmium		208.4800		207.7100		0		P
Calcium		89592.2700		88117.9800		2		P
Chromium		215.5800		213.1800		1		P
Cobalt		212.5600		211.0200		1		P
Copper		216.8000		212.5100		2		P
Iron		10652.4000		10565.7300		1		P
Lead		211.7200		211.8300		0		P
Magnesium		48181.6400		47573.0900		1		P
Manganese		610.5600		602.2100		1		P
Nickel		210.3200		209.4500		0		P
Potassium		25616.3500		25024.7900		2		P
Selenium		209.9700		209.6900		0		P
Silver		55.1900		54.2500		2		P
Mercury		6.8833		6.9333		1		CV
Sodium		67503.7050		65615.6100		3		P
Thallium		207.0200		205.7500		1		P
Vanadium		213.1200		210.6000		1		P
Zinc		214.6200		214.2300		0		P

SAMPLE DATE 09/22/2008

SDG: B653

lient Sample ID: MW-2	MW-2	MW-2
Lab Sample ID: A8B65302	A8B65302MS	A8B65302SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS												
TOTAL CYANIDE	UG/L	0	100.0	109.1	100.0	100.0	100	109	105	9	15.0	85-115

144/3787

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: B653
Client Sample ID: Method Blank LCS
Lab Sample ID: A8B2340502 A8B2340501

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	384.5	400.0	96	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: B653
lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2349502 A8B2349501

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	404.1	400.0	101	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: G0131.RR Lab Sample ID: A8B2390502

Date Analyzed: 10/08/2008 Time Analyzed: 22:11

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB66	A8B2390501	G0127.RR	20:30
2	MW-3	A8B79407DL	G0133.RR	22:57
3	MW-9	A8B79401DL	G0132.RR	22:34

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2390502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0131.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2390502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0131.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: J1780.RR Lab Sample ID: A8B2363802

Date Analyzed: 10/03/2008 Time Analyzed: 19:48

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973J

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-092308	A8B72702	J1795.RR	02:02
2	MSB71	A8B2363801	J1777.RR	18:37
3	MW-5	A8B72701	J1794.RR	01:38
4	TB-092308	A8B72703	J1796.RR	02:25

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2363802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1780.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2363802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1780.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: P1674.RR Lab Sample ID: A8B2351102

Date Analyzed: 10/03/2008 Time Analyzed: 00:54

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-092208	A8B65303	P1682.RR	04:50
2	MSB04	A8B2351101	P1672.RR	23:58
3	MW-1	A8B65301	P1678.RR	02:59
4	MW-2	A8B65302	P1679.RR	03:27
5	MW-2	A8B65302MS	P1680.RR	03:54
6	MW-2	A8B65302SD	P1681.RR	04:22
7	TB-092208	A8B65304	P1683.RR	05:18

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2351102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1674.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2351102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1674.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: S8702.RR Lab Sample ID: A8B2384802

Date Analyzed: 10/08/2008 Time Analyzed: 10:21

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-092408	A8B79406	S8716.RR	16:00
2	FD-092408	A8B79404	S8714.RR	15:12
3	MSB69	A8B2384801	S8699.RR	09:09
4	MW-3	A8B79407	S8717.RR	16:24
5	MW-4	A8B79402	S8712.RR	14:23
6	MW-6	A8B79403	S8713.RR	14:47
7	MW-8	A8B79405	S8715.RR	15:36
8	MW-9	A8B79401	S8711.RR	13:59
9	TRIP BLANK	A8B79409	S8718.RR	16:48

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2384802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8702.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2384802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8702.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS Client No.
METHOD BLANK SUMMARY

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: U30747.RR Lab Sample ID: A8B2301502

Instrument ID: HP5973U Date Extracted: 09/26/2008

Matrix: (soil/water) WATER Date Analyzed: 09/29/2008

Level: (low/med) LOW Time Analyzed: 18:38

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB-092308	A8B72702	U30785.RR	09/30/2008
2	MW-5	A8B72701	U30784.RR	09/30/2008
3	SMSB56	A8B2301501	U30746.RR	09/29/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30747.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30747.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.2	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30747.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26806.RR Lab Sample ID: A8B2292802

Instrument ID: HP5973X Date Extracted: 09/25/2008

Matrix: (soil/water) WATER Date Analyzed: 09/26/2008

Level: (low/med) LOW Time Analyzed: 12:38

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB-092208	A8B65303	X26879.RR	10/01/2008
2	MW-1	A8B65301	X26824.RR	09/26/2008
3	MW-2	A8B65302	X26825.RR	09/26/2008
4	MW-2	A8B65302MS	X26826.RR	09/26/2008
5	MW-2	A8B65302SD	X26827.RR	09/26/2008
6	SMSB60	A8B2292801	X26805.RR	09/26/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26806.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26806.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26806.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26938.RR Lab Sample ID: A8B2324803

Instrument ID: HP5973X Date Extracted: 09/30/2008

Matrix: (soil/water) WATER Date Analyzed: 10/02/2008

Level: (low/med) LOW Time Analyzed: 19:57

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB-092408	A8B79406	X26924.RR	10/02/2008
2	FD-092408	A8B79404	X26922.RR	10/02/2008
3	MW-3	A8B79407	X26925.RR	10/02/2008
4	MW-4	A8B79402	X26920.RR	10/02/2008
5	MW-6	A8B79403	X26921.RR	10/02/2008
6	MW-8	A8B79405	X26923.RR	10/02/2008
7	MW-9	A8B79401	X26919.RR	10/02/2008
8	SMBS69	A8B2324801	X26937.RR	10/02/2008
9	SMSBD69	A8B2324802	X26915.RR	10/02/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26938.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26938.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	0.3	J
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.4	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26938.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Rochester Gas & Electric

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	17:03	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	17:03	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	17:29	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	17:29	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	18:31	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	18:31	SUPERTRACE	1092608

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	19:33	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	19:33	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	20:36	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	20:36	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	21:38	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	21:38	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	22:40	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	22:40	SUPERTRACE	1092608
ICB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	11:26	SUPERTRACE	1092908
CCB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	11:54	SUPERTRACE	1092908
CCB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	13:02	SUPERTRACE	1092908
CCB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	14:16	SUPERTRACE	1092908

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	15:22	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	16:43	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	17:47	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	18:51	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	19:59	SUPERTRACE	1092908
ICB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	20:45	SUPERTRACE	1092908C2
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	21:13	SUPERTRACE	1092908C2
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	22:19	SUPERTRACE	1092908C2
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	23:22	SUPERTRACE	1092908C2

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	21:17	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	21:17	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	21:45	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	21:45	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	22:50	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	22:50	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	23:54	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	23:54	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	01:02	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	01:02	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	02:06	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	02:06	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	03:10	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	03:10	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	04:17	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	04:17	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	05:21	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	05:21	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	20:27	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	20:27	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	20:55	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	20:55	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	21:58	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	21:58	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	23:05	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	23:05	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	00:09	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	00:09	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	01:13	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	01:13	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	02:20	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	02:20	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	03:24	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	03:24	SUPERTRACE	2092508
ICB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	13:02	SUPERTRACE	2100308
CCB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	13:28	SUPERTRACE	2100308
CCB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	14:32	SUPERTRACE	2100308
CCB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	15:35	SUPERTRACE	2100308

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	16:46	SUPERTRACE	2100308
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	17:58	SUPERTRACE	2100308
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	19:05	SUPERTRACE	2100308
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	20:11	SUPERTRACE	2100308

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	19:07	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	19:34	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	20:39	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	21:44	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
-	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	22:48	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Selenium	6.120		6.100	6.100	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Selenium	6.190		6.100	6.100	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
ICB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	17:29	SUPERTRACE2	A10020X
CCB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	17:57	SUPERTRACE2	A10020X
CCB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	19:03	SUPERTRACE2	A10020X
CCB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	20:10	SUPERTRACE2	A10020X

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:07	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:12	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:31	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:50	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:58	LEEMAN PS20	H09258SW
ICB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	18:47	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	18:52	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	19:11	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	19:30	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	19:45	LEEMAN PS20	H09298SW

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:03	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:09	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:28	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:47	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	20:06	LEEMAN PS20	H09308W2

Rochester Gas & Electric
- 3b -
PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD854756-9/25/08			WATER								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Barium	20.000	U		20.000	20.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Copper	20.000	U		20.000	20.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Iron	100.000	U		100.000	100.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Lead	3.000	U		3.000	3.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	01:36	SUPERTRACE	2092508
	Silver	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Sodium	5000.000	U		5000.000	5000.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	01:36	SUPERTRACE	2092508

Rochester Gas & Electric

- 3b -

PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD855142-9/26/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Barium	20.000	U		20.000	20.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Copper	20.000	U		20.000	20.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Iron	100.000	U		100.000	100.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Lead	3.000	U		3.000	3.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	19:54	SUPERTRACE	1092608
	Silver	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Sodium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	19:54	SUPERTRACE	1092608
AD855023-9/26/08			**WATER**								
	Sodium	5000.000	U		5000.000	5000.000	P	9/29/2008	19:35	SUPERTRACE	1092908

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD855948-9/30/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Antimony	600.000	U		600.000	600.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Arsenic	10.000	U		10.000	10.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Barium	20.000	U		20.000	20.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Beryllium	5.000	U		5.000	5.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Cadmium	1.000	U		1.000	1.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Calcium	500.000	U		500.000	500.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Chromium	10.000	U		10.000	10.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Cobalt	50.000	U		50.000	50.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Copper	20.000	U		20.000	20.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Iron	100.000	U		100.000	100.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Lead	3.000	U		3.000	3.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Magnesium	5000.000	U		5000.000	5000.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Manganese	15.000	U		15.000	15.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Nickel	40.000	U		40.000	40.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Potassium	5000.000	U		5000.000	5000.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Selenium	6.100	U		6.100	6.100	P	10/3/2008	03:33	SUPERTRACE	1100208
	Silver	10.000	U		10.000	10.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Sodium	5000.000	U		5000.000	5000.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Thallium	10.000	U		10.000	10.000	P	10/3/2008	18:16	SUPERTRACE	2100308
	Vanadium	50.000	U		50.000	50.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Zinc	20.000	U		20.000	20.000	P	10/3/2008	03:33	SUPERTRACE	1100208
AD856046-9/30/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/30/2008	19:53	LEEMAN PS20	H09308W2

Rochester Gas & Electric
- 3b -
PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD854804-9/25/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Barium	20.000	U		20.000	20.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Copper	20.000	U		20.000	20.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Iron	100.000	U		100.000	100.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Lead	3.000	U		3.000	3.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Silver	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Sodium	5000.000	U		5000.000	5000.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD855023-9/26/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Barium	20.000	U		20.000	20.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Copper	20.000	U		20.000	20.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Iron	100.000	U		100.000	100.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Lead	3.000	U		3.000	3.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Silver	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	19:56	SUPERTRACE2	A092608

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD856117-10/1/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Antimony	600.000	U		600.000	600.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Arsenic	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Barium	20.000	U		20.000	20.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Beryllium	5.000	U		5.000	5.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Cadmium	1.000	U		1.000	1.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Calcium	500.000	U		500.000	500.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Chromium	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Cobalt	50.000	U		50.000	50.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Copper	20.000	U		20.000	20.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Iron	100.000	U		100.000	100.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Lead	3.000	U		3.000	3.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Magnesium	5000.000	U		5000.000	5000.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Manganese	15.000	U		15.000	15.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Nickel	40.000	U		40.000	40.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Potassium	5000.000	U		5000.000	5000.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Selenium	6.100	U		6.100	6.100	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Silver	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Sodium	5000.000	U		5000.000	5000.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Thallium	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Vanadium	50.000	U		50.000	50.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Zinc	20.000	U		20.000	20.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
AD854879-9/25/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/25/2008	14:53	LEEMAN PS20	H09258SW
AD855744-9/29/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/29/2008	19:40	LEEMAN PS20	H09298SW

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab Sample ID: A8B2340502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 10/03/2008 Time Analyzed (1): 09:12

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB-092208	A8B65303	10/03/2008	09:12
2	LCS	A8B2340501	10/03/2008	09:12
3	MW-1	A8B65301	10/03/2008	09:12
4	MW-2	A8B65302	10/03/2008	09:12
5	MW-2	A8B65302MS	10/03/2008	09:12
6	MW-2	A8B65302SD	10/03/2008	09:12

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B2340502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab Sample ID: A8B2349502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 10/04/2008 Time Analyzed (1): _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB-092308	A8B72702	10/04/2008	
2	EB-092408	A8B79406	10/04/2008	
3	FD-092408	A8B79404	10/04/2008	
4	LCS	A8B2349501	10/04/2008	
5	MW-3	A8B79407	10/04/2008	
6	MW-4	A8B79402	10/04/2008	
7	MW-5	A8B72701	10/04/2008	
8	MW-6	A8B79403	10/04/2008	
9	MW-8	A8B79405	10/04/2008	
10	MW-9	A8B79408	10/04/2008	

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B2349502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002510

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): P1670.RR Date Analyzed: 10/02/2008

Instrument ID: HP5973P Time Analyzed: 22:38

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	596865		13.54		337083		16.91		629951		9.65	
	UPPER LIMIT	1193730		14.04		674166		17.41		1259902		10.15	
	LOWER LIMIT	298433		13.04		168542		16.41		314976		9.15	
	CLIENT SAMPLE	Lab Sample ID											
1	EB-092208	A8B65303		568310	13.54		309632		16.91		604963		9.66
2	MSB04	A8B2351101		664765	13.54		368643		16.91		701898		9.66
3	MW-1	A8B65301		540226	13.54		297568		16.91		588697		9.66
4	MW-2	A8B65302		536703	13.54		296016		16.91		572371		9.66
5	MW-2	A8B65302MS		529551	13.54		290569		16.91		572386		9.66
6	MW-2	A8B65302SD		548887	13.54		295159		16.91		584082		9.66
7	TB-092208	A8B65304		544185	13.54		295479		16.91		581968		9.66
8	VBLK04	A8B2351102		586920	13.54		315152		16.91		640210		9.66

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002575

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): S8698.RR Date Analyzed: 10/08/2008

Instrument ID: HP5973S Time Analyzed: 08:37

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		153318		7.19		128768		9.06		280783		4.99	
	UPPER LIMIT		306636		7.69		257536		9.56		561566		5.49	
	LOWER LIMIT		76659		6.69		64384		8.56		140392		4.49	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092408	A8B79406	139427		7.19		104280		9.06		258411		4.99	
2	FD-092408	A8B79404	142231		7.19		110726		9.06		262256		5.00	
3	MSB69	A8B2384801	145393		7.19		119112		9.06		255501		5.00	
4	MW-3	A8B79407	184156		7.19		121780		9.06		290739		4.99	
5	MW-4	A8B79402	146426		7.19		121288		9.06		270058		5.00	
6	MW-6	A8B79403	148939		7.19		119911		9.06		278553		5.00	
7	MW-8	A8B79405	153233		7.19		115783		9.06		282426		4.99	
8	MW-9	A8B79401	162768		7.19		110556		9.06		236803		5.00	
9	TRIP BLANK	A8B79409	149826		7.19		116824		9.06		274388		4.99	
10	VBLK69	A8B2384802	133453		7.19		98373		9.06		245231		4.99	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002585

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): G0123.RR Date Analyzed: 10/08/2008

Instrument ID: HP5973G Time Analyzed: 18:55

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		151757		8.46		146906		10.84		384685		5.57	
	UPPER LIMIT		303514		8.96		293812		11.34		769370		6.07	
	LOWER LIMIT		75879		7.96		73453		10.34		192343		5.07	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB66	A8B2390501	149108		8.46		147030		10.84		369499		5.57	
2	MW-3	A8B79407DL	166825		8.46		152251		10.84		382117		5.57	
3	MW-9	A8B79401DL	146516		8.46		136821		10.84		377287		5.57	
4	VBLK66	A8B2390502	155198		8.46		127325		10.84		403702		5.57	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002590

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): J1776.RR Date Analyzed: 10/03/2008

Instrument ID: HP5973J Time Analyzed: 17:49

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	684629		6.55		379545		8.39		746219		4.48	
	UPPER LIMIT	1369258		7.05		759090		8.89		1492438		4.98	
	LOWER LIMIT	342315		6.05		189773		7.89		373110		3.98	
	CLIENT SAMPLE	Lab Sample ID											
1	EB-092308	A8B72702		457449		6.55		243838		8.39		483724		4.49	
2	MSB71	A8B2363801		691848		6.55		379341		8.39		747435		4.48	
3	MW-5	A8B72701		468342		6.55		252048		8.39		490992		4.48	
4	TB-092308	A8B72703		447751		6.55		242011		8.39		479597		4.49	
5	VBLK71	A8B2363802		643291		6.55		346416		8.39		697501		4.49	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002468

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30736.RR Date Analyzed: 09/29/2008

Instrument ID: HP5973U Time Analyzed: 14:24

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		294453		9.43		696924		13.66		144044		5.40	
	UPPER LIMIT		588906		9.93		1393848		14.16		288088		5.90	
	LOWER LIMIT		147227		8.93		348462		13.16		72022		4.90	
	CLIENT SAMPLE	Lab Sample ID												
1	SBLK56	A8B2301502	305037		9.43		852404		13.65		143699		5.40	
2	SMSB56	A8B2301501	327253		9.43		852015		13.66		133060		5.40	

		AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) =	Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) =	Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) =	1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002468

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30736.RR Date Analyzed: 09/29/2008

Instrument ID: HP5973U Time Analyzed: 14:24

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		555221		7.15		633269		11.17		741720		14.86	
	UPPER LIMIT		1110442		7.65		1266538		11.67		1483440		15.36	
	LOWER LIMIT		277611		6.65		316635		10.67		370860		14.36	
	CLIENT SAMPLE	Lab Sample ID												
1	SBLK56	A8B2301502	529166		7.15		632741		11.17		613037		14.86	
2	SMSB56	A8B2301501	537179		7.15		679644		11.17		713751		14.86	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002490

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30782.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973U Time Analyzed: 10:32

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	355783		9.42		844377		13.65		169997		5.39	
	UPPER LIMIT	711566		9.92		1688754		14.15		339994		5.89	
	LOWER LIMIT	177892		8.92		422189		13.15		84999		4.89	
	CLIENT SAMPLE	Lab Sample ID											
1	EB-092308	A8B72702		274352		9.42		804308		13.65		136073	5.39
2	MW-5	A8B72701		315326		9.42		968044		13.65		145799	5.39

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002490

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30782.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973U Time Analyzed: 10:32

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		669919		7.15		759901		11.16		941122		14.86	
	UPPER LIMIT		1339838		7.65		1519802		11.66		1882244		15.36	
	LOWER LIMIT		334960		6.65		379951		10.66		470561		14.36	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092308	A8B72702	494207		7.14		544529		11.16		619773		14.85	
2	MW-5	A8B72701	535407		7.14		646842		11.16		759351		14.85	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002463

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26797.RR Date Analyzed: 09/26/2008

Instrument ID: HP5973X Time Analyzed: 09:14

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		317525		9.46		894846		13.49		208545		5.90	
	UPPER LIMIT		635050		9.96		1789692		13.99		417090		6.40	
	LOWER LIMIT		158763		8.96		447423		12.99		104273		5.40	
	CLIENT SAMPLE	Lab Sample ID												
1	MW-1	A8B65301	281419		9.46		1166395		13.49		181803		5.90	
2	MW-2	A8B65302	325898		9.46		1340815		13.49		201097		5.90	
3	MW-2	A8B65302MS	294418		9.46		1377299		13.50		181763		5.90	
4	MW-2	A8B65302SD	254622		9.46		1267234		13.50		161663		5.90	
5	SBLK60	A8B2292802	323952		9.45		812610		13.48		184974		5.89	
6	SMSB60	A8B2292801	305186		9.45		1148700		13.49		189633		5.89	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002463

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26797.RR Date Analyzed: 09/26/2008

Instrument ID: HP5973X Time Analyzed: 09:14

	CLIENT SAMPLE	Lab Sample ID	IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		714016		7.40		644756		11.08		996465		14.69	
	UPPER LIMIT		1428032		7.90		1289512		11.58		1992930		15.19	
	LOWER LIMIT		357008		6.90		322378		10.58		498233		14.19	
1	MW-1	A8B65301	576827		7.40		543864		11.08		1118652		14.70	
2	MW-2	A8B65302	652760		7.40		643256		11.08		1289167		14.70	
3	MW-2	A8B65302MS	583314		7.40		656168		11.08		1266229		14.70	
4	MW-2	A8B65302SD	526987		7.40		566974		11.08		1169274		14.70	
5	SBLK60	A8B2292802	624765		7.39		531072		11.07		664317		14.69	
6	SMSB60	A8B2292801	643644		7.40		646545		11.07		980046		14.69	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002479

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26863.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973X Time Analyzed: 21:04

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		541162		9.45		1344308		13.50		266365		5.87	
	UPPER LIMIT		1082324		9.95		2688616		14.00		532730		6.37	
	LOWER LIMIT		270581		8.95		672154		13.00		133183		5.37	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092208	A8B65303	460553		9.44		1470038		13.49		218125		5.86	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002479

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26863.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973X Time Analyzed: 21:04

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		939149		7.38		1002351		11.08		1696208		14.71	
	UPPER LIMIT		1878298		7.88		2004702		11.58		3392416		15.21	
	LOWER LIMIT		469575		6.88		501176		10.58		848104		14.21	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092208	A8B65303	749791		7.37		834691		11.07		1453310		14.70	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D1D	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002500

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26909.RR Date Analyzed: 10/02/2008

Instrument ID: HP5973X Time Analyzed: 08:50

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		344134		9.46		866428		13.50		172655		5.88	
	UPPER LIMIT		688268		9.96		1732856		14.00		345310		6.38	
	LOWER LIMIT		172067		8.96		433214		13.00		86328		5.38	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092408	A8B79406	381760		9.46		1132964		13.50		179718		5.88	
2	FD-092408	A8B79404	393003		9.46		1146710		13.50		179100		5.88	
3	MW-3	A8B79407	383373		9.46		1201252		13.50		177863		5.89	
4	MW-4	A8B79402	391770		9.46		1157862		13.50		180987		5.88	
5	MW-6	A8B79403	400380		9.46		1149898		13.50		181040		5.88	
6	MW-8	A8B79405	386119		9.46		1148550		13.50		176172		5.88	
7	MW-9	A8B79401	387982		9.46		1129019		13.50		182274		5.88	
8	SBLK69	A8B2324803	378153		9.46		1233336		13.50		187208		5.88	
9	SMBS69	A8B2324801	388866		9.47		1434201		13.51		171722		5.88	
10	SMSBD69	A8B2324802	254911		9.46		684894		13.50		107468		5.87	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002500

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26909.RR Date Analyzed: 10/02/2008

Instrument ID: HP5973X Time Analyzed: 08:50

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		602368		7.39		628987		11.09		1174858		14.71	
	UPPER LIMIT		1204736		7.89		1257974		11.59		2349716		15.21	
	LOWER LIMIT		301184		6.89		314494		10.59		587429		14.21	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092408	A8B79406	612064		7.39		674347		11.09		1100580		14.71	
2	FD-092408	A8B79404	631405		7.39		701089		11.08		1112523		14.71	
3	MW-3	A8B79407	613053		7.39		694982		11.09		1190389		14.71	
4	MW-4	A8B79402	629946		7.39		708341		11.09		1129057		14.71	
5	MW-6	A8B79403	625136		7.39		708171		11.09		1115312		14.71	
6	MW-8	A8B79405	620754		7.39		690694		11.08		1095202		14.71	
7	MW-9	A8B79401	607152		7.39		666356		11.09		1116858		14.71	
8	SBLK69	A8B2324803	639499		7.39		673352		11.08		1238484		14.71	
9	SMBS69	A8B2324801	607037		7.39		712180		11.09		1347971		14.72	
10	SMSBD69	A8B2324802	389019		7.39		460369		11.08		601307		14.70	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Batch Quality Control Data

Lab Sample ID: A8B65302 A8B65302MS A8B65302SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS												
TOTAL CYANIDE	UG/L	0	100.0	109.1	100.0	100.0	100	109	105	9	15.0	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8B65412 A8B65412MS A8B65412SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	0	11.44	13.95	12.51	14.39	91	97	94	6	20.0	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8B65904 A8B65904MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 335.4 - TOTAL CYANIDE	MG/L	0	0.0795	0.100	80 *	85-115

250/3787

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8B74103 A8B74103MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS ASP00 - TOTAL CYANIDE	UG/KG	0	14619	45402	32 *	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8B79907 A8B79907MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	MG/L	0	0.105	0.100	106	85-115

252/3787

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8B87502 A8B87502MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	MG/L	0	0.102	0.100	102	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

MS/MSD Batch QC Results

Lab Sample ID: A8B87701 A8B87701MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	MG/L	0	0.100	0.100	101	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A8C13502 A8C13502MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	MG/L	0	0.0962	0.100	96	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

SDG#: B653

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8B65303	EB-092208	WATER	09/22/2008	16:20	09/23/2008	16:10
A8B72702	EB-092308	WATER	09/23/2008	17:00	09/24/2008	16:15
A8B79406	EB-092408	WATER	09/24/2008	17:50	09/25/2008	16:10
A8B79404	FD-092408	WATER	09/24/2008	00:00	09/25/2008	16:10
A8B65301	MW-1	WATER	09/22/2008	11:00	09/23/2008	16:10
A8B65302	MW-2	WATER	09/22/2008	15:25	09/23/2008	16:10
A8B65302MS	MW-2	WATER	09/22/2008	15:25	09/23/2008	16:10
A8B65302SD	MW-2	WATER	09/22/2008	15:25	09/23/2008	16:10
A8B79407	MW-3	WATER	09/24/2008	16:55	09/25/2008	16:10
A8B79402	MW-4	WATER	09/24/2008	10:00	09/25/2008	16:10
A8B72701	MW-5	WATER	09/23/2008	14:25	09/24/2008	16:15
A8B79403	MW-6	WATER	09/24/2008	11:30	09/25/2008	16:10
A8B79405	MW-8	WATER	09/24/2008	13:10	09/25/2008	16:10
A8B79401	MW-9	WATER	09/24/2008	09:15	09/25/2008	16:10
A8B79408	MW-9	WATER	09/25/2008	09:30	09/25/2008	16:10
A8B65304	TB-092208	WATER	09/22/2008	11:00	09/23/2008	16:10
A8B72703	TB-092308	WATER	09/23/2008	10:45	09/24/2008	16:15
A8B79409	TRIP BLANK	WATER	09/25/2008	00:00	09/25/2008	16:10

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METHODS SUMMARY

Job#: A08-B653,A08-B727,A08-B794

Project#: NY3A9052
SDG#: B653
Site Name: Rochester Gas & Electric

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
Aluminum - Soluble	SW8463 6010
Aluminum - Total	SW8463 6010
Antimony - Soluble	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Soluble	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Soluble	SW8463 6010
Barium - Total	SW8463 6010
Beryllium - Soluble	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Soluble	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Soluble	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Soluble	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Soluble	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Soluble	SW8463 6010
Copper - Total	SW8463 6010
Iron - Soluble	SW8463 6010
Iron - Total	SW8463 6010
Lead - Soluble	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Soluble	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Soluble	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Soluble	SW8463 7470
Mercury - Total	SW8463 7470
Nickel - Soluble	SW8463 6010
Nickel - Total	SW8463 6010
Potassium - Soluble	SW8463 6010

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PARAMETER	ANALYTICAL METHOD
Potassium - Total	SW8463 6010
Selenium - Soluble	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Soluble	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Soluble	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Soluble	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Soluble	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Soluble	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	SW8463 9012A

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

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SDG NARRATIVE

Job#: A08-B653,A08-B727,A08-B794

Project#: NY3A9052
SDG#: B653
Site Name: Rochester Gas & Electric

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-B653
Sample Cooler(s) were received at the following temperature(s); 3.6 °C
All samples were received in good condition.
A08-B727
Sample Cooler(s) were received at the following temperature(s); 4.8 °C
All samples were received in good condition.
A08-B794
Sample Cooler(s) were received at the following temperature(s); 2 @ 2.0 °C
ME: Lab to filter and preserve Dissolved Metals volume.

GC/MS Volatile Data

For method 8260, the recoveries of Trichloroethene in sample MW-2 Matrix Spike and Matrix Spike Duplicate exceeded quality control limits. The Matrix Spike Blank recoveries are compliant.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A8I0000745-1, A8I0000734-1, A8I0000718-1 and A8I0000712-1.

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For method 8260, all samples were preserved to a pH less than 2 except for sample MW-9 which had a pH>2.

For method 8260, sample MW-9 exhibited a pH>2 at the time of analysis. The analysis was performed after the recommended 7 days for un-preserved samples, therefore all detected concentrations should be considered minimum values and the results estimated.

The analyte Methyl tert-butyl ether was detected in sample MW-9 at a concentration above the linear range of the initial calibration standard curve, requiring a dilution. Due to the high dilution dictated by the concentrations of Benzene and total Xylenes, Methyl tert-butyl ether was diluted out in sample MW-9.

GC/MS Semivolatile Data

The Matrix Spike Blank A8B2292801 exceeded quality control limits for analyte 4-Chloro-3-methylphenol. Since the samples were non-detect for these anlytes and all other recoveries are compliant there is no need for corrective action.

The Relative Percent Difference between the Matrix Spike Blank A8B2324801 and the Matrix Spike Blank Duplicate A8B2324802 exceeded quality control criteria for Pentachlorophenol, though all individual recoveries are compliant. No action required.

The spike recoveries for 4-Nitrophenol and Pentachlorophenol were below the laboratory quality control limits in sample MW-2 Matrix Spike and Matrix Spike Duplicate. Since the Matrix Spike Blank recoveries were compliant for these analytes, no corrective action was required.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A8I0000600, A8I0000697, A8I000700, A8I000705 and A8I000720.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A8I000720 and A8I0000722.

The continuing calibration verification standard A8C0002479 exhibited the percent Difference (%D) as greater than 20% on the Form VII for the analyte Pentachlorphenol. Since this analyte was calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 15.1%. No corrective action was required (consistent with the laboratory Standard Operating Procedure (SOP), Section 13.5.2, which states that up to 4 analytes may have a %D or %Drift of greater than 20% but less than 40%).

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

The continuing calibration verification A8C0002500 exhibited the percent Difference (%D) as greater than 40% for the analyte 2,4-Dinitrophenol and greater than 20% for the analyte Pentachlorophenol on the Form VII. Since these analytes were calibrated using linear regression, the CCV must be evaluated using %Drift rather than %Difference. The CCV demonstrated %Drift of 25.36% for 2,4-Dinitrophenol and 16.14% for Pentachlorophenol. No corrective action was required.

Metals Data

The recoveries of sample MW-2 Matrix Spike exhibited a result below the quality control limits for Total Calcium and a result above the quality control limits for Soluble Calcium. The sample results are more than four times greater than the spike added. However, the LFB's were acceptable.

All volumes for Dissolved Metals received on 09/23/2008 were filtered and preserved in the TestAmerica Metals Digestion Laboratory on 09/24/2008. All volumes for Dissolved Metals received on 09/24/2008 were filtered and preserved in the TestAmerica Metals Digestion Laboratory on 09/25/2008. All volumes for Dissolved Metals received on 09/25/2008 were filtered and preserved in the TestAmerica Metals Digestion Laboratory on 09/26/2008. Each sample was filtered using a 0.45 micron Metricel Black Grid filter, Pall Life Sciences Lot #T82395. Each sample was then preserved to a pH <2 with 3.0 mL of Nitric Acid, J.T. Baker lot #G17027.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

10/17/08
Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

264/3787

Client	Project Manager	Date	Chain of Custody Number
Haley + Aldrich, Inc.	G. White	9/22/08	087306
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
200 Town Centre Dr. Suite 2	(585) 359-9000 / (585) 359-4650		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Rochester / NY / 14623	T. Bown	P. Morrow	
Project Name and Location (State)	**Carrier/Waybill Number**		
Canal St ~~(NY)~~ FORMER MGP SITE			
Contract/Purchase Order/Quote No.			
33879-007			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOA	TCL SVOA	TAL Metals	Stal	TCN (ME)	Special Instructions/ Conditions of Receipt
MW-1	9/22/08	1100		X			3		1	3	1		X	X	X	X	X	
TB-092208	"	1100		X						1			X					trip blank
MW-2	"	1525		X			3		1	3	1		X	X	X	X	X	
MS/MSD	"	1525		X			6		2	6	2		X	X	X	X	X	matrix spike/MS
EB-092208	"	1620		X			3		1	3	1		X	X	X	X	X	equipment blank

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)

	Date	Time
1. Relinquished By	9-23-08	4:10
2. Relinquished By		
3. Relinquished By		

	Date	Time
1. Received By	09-23-08	16:10
2. Received By		
3. Received By		

Comments

3.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0907)

265/3787

Client	Project Manager	Date	Chain of Custody Number
Haley + Aldrich	G. White	9/23/08	394400
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
200 Town Centre Drive	(585) 321-4239 / (585) 486-8239		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Rochester / NY / 14623	T. Bown	P. Morrow	
Project Name and Location (State)	**Carrier/Waybill Number**		
Canal St Former MGP Site (NY)			
Contract/Purchase Order/Quote No.			
4700000891			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	TCL VOAs	TCL SVOAs	TAL metals	Stat TCN (ME)	
TB-092308	9/23/08	1045		X						1			X				trip blank
MW-5	"	1425		X			3		1	3	1		X	X	X	X	X
EB-092308	"	1700		X			3		1	3	1		X	X	X	X	X

AC88045

equip blank

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STD

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	[signature]	9-24-08	4:15	[signature]	09-24-08	16:15
2.						
3.						

Comments

4.8°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

266/3787

Client: Haley + Aldrich	Project Manager: G. White	Date: 9/24/08	Chain of Custody Number: 110987
Address: 200 Town Centre Dr. Suite 2	Telephone Number (Area Code)/Fax Number: (585) 321-4239 / (585) 486-8239	Lab Number:	Page 1 of 1
City: Rochester / State: NY / Zip Code: 14623	Site Contact: TBown	Lab Contact: P. Morrow	
Project Name and Location (State): Canal St Former MGP Site (NY)	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 4700000891			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TCL VOAs	TCL SVOAs	TAL metals	TCN (met)	STAL **	Special Instructions/ Conditions of Receipt
TB-092408	9/24/08	—		X						1			X					trip blank
MW-9	"	0915		X			1		1	3			X	X	X			
MW-4	"	1000		X			3		1	3	1		X	X	X	X	X	
MW-6	"	1130		X			3		1	3	1		X	X	X	X	X	
FD-092408	"	—		X			3		1	3	1		X	X	X	X	X	field dup
MW-8	"	1310		X			3		1	3	1		X	X	X	X	X	
EB-092408	"	1750		X			3		1	3	1		X	X	X	X	X	equip blank
MW-3	"	1655		X			3		1	3	1		X	X	X	X	X	* only 1 SVOA bottle
MW-9	9/25/08	0930		X			1				1					X	X	~~AP~~ soluble metals should be lab filtered

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	9/25/08	1610	1. Received By: [signature]	09-25-08	16:10
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2e2.0

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # B653

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 88045 **Project / Task** NY3A 9052 / 47

TAT ____ BD/ 21 CD # OF SAMPLES 3 TRIP BLANK (Y)N # 1

SHIPPED BY FLT	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	09/23/08 16:10

COOLER TEMP 3.6 °C (<6 °C) (OK) NO

Cooler Custody Seal intact? YES/NO (NONE) SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/(NO) **LAB**_____ **SM #** _____

COMMENTS: SAMPLE TIME (ACTUAL) +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

PRESERVATION CHECKED YES___ NO___ NA___ **Initials**_____

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** AF

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** A

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

Doc. Login/ARRF
Rev 6
January 2, 2008

TestAmerica Buffalo

SAMPLE LOGIN JOB # B727

Shipment ID_____ Strict Internal COC: YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 88045 Project / Task NY3A9052 / 47

TAT_____BD/21 CD # OF SAMPLES 2 TRIP BLANK Y/N # 1

SHIPPED BY Cliff	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	09/24/08 16:15

COOLER TEMP 4.8 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO LAB_____ SM # _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

PRESERVATION CHECKED YES___ NO___ NA___ Initials_____

ARE SAMPLE DATES AND TIMES CORRECT? Initials AS

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials AS

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

Doc. Login/ARRF
Rev 6
January 2, 2008

TestAmerica Buffalo

SAMPLE LOGIN JOB # B764

Shipment ID_____ Strict Internal COC? YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 86293 Project / Task NY309052 / 47

TAT____BD/21 CD # OF SAMPLES 8 TRIP BLANK Y/N # 1

SHIPPED BY CLIENT	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	09/25/08 16:10

COOLER TEMP 2e2.0 °C (<6 °C) (OK) NO

Cooler Custody Seal intact? (YES/NO) NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT (YES/NO) LAB_____ SM # _____

COMMENTS: SAMPLE TIME (ACTUAL) +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

PRESERVATION CHECKED YES___ NO___ NA___ Initials_____

ARE SAMPLE DATES AND TIMES CORRECT? Initials AS

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials AS

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

Job No: A08-B653
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 3

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 3.6°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
09/22/2008 11:00	09/23/2008 16:10	MW-1	A8B65301	Good	2-1lGA	TCL SVOA	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOA	RECNY	0103	<2
09/22/2008 15:25	09/23/2008 16:10	MW-2	A8B65302	Good	2-1lGA	TCL SVOA	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOA	RECNY	0103	<2
09/22/2008 15:25	09/23/2008 16:10	MW-2	A8B65302MS	Good	2-1lGA	TCL SVOA	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOA	RECNY	0103	<2
09/22/2008 15:25	09/23/2008 16:10	MW-2	A8B65302SD	Good	2-1lGA	TCL SVOA	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOA	RECNY	0103	<2
09/22/2008 16:20	09/23/2008 16:10	EB-092208	A8B65303	Good	2-1lGA	TCL SVOA	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOA	RECNY	0103	<2
09/22/2008 11:00	09/23/2008 16:10	TB-092208	A8B65304	Good	1-40mlV	TCL VOA	RECNY	0103	<2

ample Custodian: 09/23/2008

Analytical Services Coordinator: _____ / /20

270/3787

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-B727
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 2

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 4.8°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
09/23/2008 14:25	09/24/2008 16:15	MW-5	A8B72701	Good	2-1lGA	TCL SVOAS	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOAS	RECNY	0103	<2
09/23/2008 17:00	09/24/2008 16:15	EB-092308	A8B72702	Good	2-1lGA	TCL SVOAS	RECNY	0100	
					1-16ozP	S METS	RECNY	0100	
					1-16ozP	T METS	RECNY	0101	<2
					1-8ozP	T CN	RECNY	0105	>12
					3-40mlV	TCL VOAS	RECNY	0103	<2
09/23/2008 10:45	09/24/2008 16:15	TB-092308	A8B72703	Good	1-40mlV	TCL VOAS	RECNY	0103	<2

ample Custodian: 09/24/2008

Analytical Services Coordinator: ____ / ____ /20____

271/3787

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-B794
Client: Rochester Gas & Electric
Project: NY3A9052
SDG:
Case:
SMO No:
No. Samps: 8

Radiation Check: YES
Custody Seal: YES
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2 @ 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
09/24/2008 09:15	09/25/2008 16:10	MW-9	A8B79401	Good	1-16ozP	TAL ME	RECNY	0001	<2
					1-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
09/24/2008 10:00	09/25/2008 16:10	MW-4	A8B79402	Good	1-16ozP	TAL ME	RECNY	0001	<2
					2-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/24/2008 11:30	09/25/2008 16:10	MW-6	A8B79403	Good	1-16ozP	TAL ME	RECNY	0001	<2
					2-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/24/2008 00:00	09/25/2008 16:10	FD-092408	A8B79404	Good	1-16ozP	TAL ME	RECNY	0001	<2
					2-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/24/2008 13:10	09/25/2008 16:10	MW-8	A8B79405	Good	1-16ozP	TAL ME	RECNY	0001	<2
					2-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/24/2008 17:50	09/25/2008 16:10	EB-092408	A8B79406	Good	1-16ozP	TAL ME	RECNY	0001	<2
					2-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/24/2008 16:55	09/25/2008 16:10	MW-3	A8B79407	Good	1-16ozP	TAL ME	RECNY	0001	<2
					2-1lGA	TCL SVOA	RECNY	0100	
					3-40mlV	TCL VOAS	RECNY	0103	<2
					1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/25/2008 09:30	09/25/2008 16:10	MW-9	A8B79408	Good	1-8ozP	T CN(ME)	RECNY	0105	>12
					1-16ozP	S METS	RECNY	0100	
09/25/2008 00:00	09/25/2008 16:10	TRIP BLANK	A8B79409	Good	1-40mlV	TCL VOAS	RECNY	0103	<2

mple Custodian: 09/25/2008

Analytical Services Coordinator: _____ /____/20__

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

272/3787

8260 Volatiles

QC Summary

METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	EB-092208	A8B65303	102		122		103							0
2	EB-092308	A8B72702	105		123		107							0
3	EB-092408	A8B79406	104		108		99							0
4	FD-092408	A8B79404	108		111		101							0
5	MSB04	A8B2351101	106		117		104							0
6	MSB66	A8B2390501	106		101		106							0
7	MSB69	A8B2384801	108		116		101							0
8	MSB71	A8B2363801	108		107		110							0
9	MW-1	A8B65301	104		126		106							0
10	MW-2	A8B65302	105		126		105							0
11	MW-2	A8B65302MS	108		126		107							0
12	MW-2	A8B65302SD	105		125		105							0
13	MW-3	A8B79407	86		100		82							0
14	MW-3	A8B79407DL	94		103		96							0
15	MW-4	A8B79402	108		106		99							0
16	MW-5	A8B72701	108		124		106							0
17	MW-6	A8B79403	103		103		95							0
18	MW-8	A8B79405	99		104		96							0
19	MW-9	A8B79401	88		98		80							0
20	MW-9	A8B79401DL	103		106		105							0
21	TB-092208	A8B65304	105		127		107							0
22	TB-092308	A8B72703	106		124		107							0
23	TRIP BLANK	A8B79409	104		103		98							0
24	VBLK04	A8B2351102	106		125		107							0
25	VBLK66	A8B2390502	100		101		104							0
26	VBLK69	A8B2384802	99		110		96							0
27	VBLK71	A8B2363802	105		103		108							0

		QC LIMITS
BFB	= p-Bromofluorobenzene	(73-120)
DCE	= 1,2-Dichloroethane-D4	(66-137)
TOL	= Toluene-D8	(71-126)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2390502

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK66

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	24.5	98	73 - 143
Trichloroethene	25.0	25.5	102	77 - 123
Benzene	25.0	25.1	100	76 - 121
Toluene	25.0	25.1	101	69 - 120
Chlorobenzene	25.0	25.0	100	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2363802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK71

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	22.7	91	73 - 143
Trichloroethene	25.0	24.5	98	77 - 123
Benzene	25.0	23.5	94	76 - 121
Toluene	25.0	23.8	95	69 - 120
Chlorobenzene	25.0	24.2	97	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2351102

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK04

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.1	100	73 - 143
Trichloroethene	25.0	25.5	102	77 - 123
Benzene	25.0	23.4	94	76 - 121
Toluene	25.0	23.6	94	69 - 120
Chlorobenzene	25.0	24.1	97	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2384802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: VBLK69

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	25.0	25.9	104	73 - 143
Trichloroethene	25.0	26.5	106	77 - 123
Benzene	25.0	24.9	100	76 - 121
Toluene	25.0	23.5	94	69 - 120
Chlorobenzene	25.0	23.5	94	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B65302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: MW-2

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC	#	QC LIMITS REC.
1,1-Dichloroethene	25.0	0	33.1	132		73 - 143
Trichloroethene	25.0	0	31.0	124	*	77 - 123
Benzene	25.0	29.0	57.2	113		76 - 121
Toluene	25.0	0	29.1	116		69 - 120
Chlorobenzene	25.0	0	29.4	118		73 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	25.0	32.3	130		2		16	73 - 143
Trichloroethene	25.0	30.9	124	*	0		16	77 - 123
Benzene	25.0	56.6	110		3		13	76 - 121
Toluene	25.0	28.3	113		3		18	69 - 120
Chlorobenzene	25.0	29.0	116		2		19	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike recovery: 2 out of 10 outside limits

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: G0131.RR Lab Sample ID: A8B2390502

Date Analyzed: 10/08/2008 Time Analyzed: 22:11

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB66	A8B2390501	G0127.RR	20:30
2	MW-3	A8B79407DL	G0133.RR	22:57
3	MW-9	A8B79401DL	G0132.RR	22:34

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: J1780.RR Lab Sample ID: A8B2363802

Date Analyzed: 10/03/2008 Time Analyzed: 19:48

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973J

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-092308	A8B72702	J1795.RR	02:02
2	MSB71	A8B2363801	J1777.RR	18:37
3	MW-5	A8B72701	J1794.RR	01:38
4	TB-092308	A8B72703	J1796.RR	02:25

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: P1674.RR Lab Sample ID: A8B2351102

Date Analyzed: 10/03/2008 Time Analyzed: 00:54

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-092208	A8B65303	P1682.RR	04:50
2	MSB04	A8B2351101	P1672.RR	23:58
3	MW-1	A8B65301	P1678.RR	02:59
4	MW-2	A8B65302	P1679.RR	03:27
5	MW-2	A8B65302MS	P1680.RR	03:54
6	MW-2	A8B65302SD	P1681.RR	04:22
7	TB-092208	A8B65304	P1683.RR	05:18

Comments: _____

METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: VBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: S8702.RR Lab Sample ID: A8B2384802

Date Analyzed: 10/08/2008 Time Analyzed: 10:21

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	EB-092408	A8B79406	S8716.RR	16:00
2	FD-092408	A8B79404	S8714.RR	15:12
3	MSB69	A8B2384801	S8699.RR	09:09
4	MW-3	A8B79407	S8717.RR	16:24
5	MW-4	A8B79402	S8712.RR	14:23
6	MW-6	A8B79403	S8713.RR	14:47
7	MW-8	A8B79405	S8715.RR	15:36
8	MW-9	A8B79401	S8711.RR	13:59
9	TRIP BLANK	A8B79409	S8718.RR	16:48

Comments: _____

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002992

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: G0118 BFB Injection Date: 10/08/2008

Instrument ID: HP5973G BFB Injection Time: 16:56

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	20.9		
75	30.0 - 60.0% of mass 95	42.8		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.4		
173	Less than 2.0% of mass 174	0.5	(0.6)	1
174	50 - 120 % of mass 95	82.2		
175	5.0 - 9.0% of mass 174	5.3	(6.4)	1
176	95.0 - 101.0% of mass 174	80.3	(97.7)	1
177	5.0 - 9.0% of mass 176	5.1	(6.4)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000745-1	G0120.RR	10/08/2008	17:46
2	VSTD005	A8I0000745-1	G0121.RR	10/08/2008	18:09
3	VSTD010	A8I0000745-1	G0122.RR	10/08/2008	18:32
4	VSTD025	A8C0002585-1	G0123.RR	10/08/2008	18:55
5	VSTD025	A8I0000745-1	G0123.RR	10/08/2008	18:55
6	VSTD050	A8I0000745-1	G0124.RR	10/08/2008	19:18
7	VSTD100	A8I0000745-1	G0125.RR	10/08/2008	19:41
8	MSB66	A8B2390501	G0127.RR	10/08/2008	20:30
9	VSTD025	A8C0002585-2	G0128.RR	10/08/2008	20:53
10	VBLK66	A8B2390502	G0131.RR	10/08/2008	22:11
11	MW-9	A8B79401DL	G0132.RR	10/08/2008	22:34
12	MW-3	A8B79407DL	G0133.RR	10/08/2008	22:57

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002922

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: J1766 BFB Injection Date: 10/03/2008

Instrument ID: HP5973J BFB Injection Time: 13:43

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	15.4		
75	30.0 - 60.0% of mass 95	46.3		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.0		
173	Less than 2.0% of mass 174	0.4	(0.5)	1
174	50 - 120 % of mass 95	73.3		
175	5.0 - 9.0% of mass 174	5.6	(7.6)	1
176	95.0 - 101.0% of mass 174	70.7	(96.5)	1
177	5.0 - 9.0% of mass 176	4.5	(6.4)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000734-1	J1768.RR	10/03/2008	14:32
2	VSTD010	A8I0000734-1	J1770.RR	10/03/2008	15:19
3	VSTD025	A8I0000734-1	J1771.RR	10/03/2008	15:43
4	VSTD050	A8I0000734-1	J1772.RR	10/03/2008	16:07
5	VSTD100	A8I0000734-1	J1773.RR	10/03/2008	16:30

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002950

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: J1775 BFB Injection Date: 10/03/2008

Instrument ID: HP5973J BFB Injection Time: 17:24

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	15.4		
75	30.0 - 60.0% of mass 95	47.8		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.1		
173	Less than 2.0% of mass 174	0.6	(0.8)	1
174	50 - 120 % of mass 95	78.1		
175	5.0 - 9.0% of mass 174	5.7	(7.3)	1
176	95.0 - 101.0% of mass 174	74.8	(95.8)	1
177	5.0 - 9.0% of mass 176	4.6	(6.2)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002590-1	J1776.RR	10/03/2008	17:49
2	MSB71	A8B2363801	J1777.RR	10/03/2008	18:37
3	VBLK71	A8B2363802	J1780.RR	10/03/2008	19:48
4	MW-5	A8B72701	J1794.RR	10/04/2008	01:38
5	EB-092308	A8B72702	J1795.RR	10/04/2008	02:02
6	TB-092308	A8B72703	J1796.RR	10/04/2008	02:25

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002841

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: P1429 BFB Injection Date: 09/26/2008

Instrument ID: HP5973P BFB Injection Time: 12:34

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	17.8		
75	30.0 - 60.0% of mass 95	42.2		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.4		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	72.0		
175	5.0 - 9.0% of mass 174	5.4	(7.5)	1
176	95.0 - 101.0% of mass 174	70.7	(98.2)	1
177	5.0 - 9.0% of mass 176	4.6	(6.5)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000718-1	P1431.RR	09/26/2008	13:31
2	VSTD010	A8I0000718-1	P1432.RR	09/26/2008	13:59
3	VSTD025	A8I0000718-1	P1433.RR	09/26/2008	14:27
4	VSTD050	A8I0000718-1	P1434.RR	09/26/2008	14:54
5	VSTD100	A8I0000718-1	P1435.RR	09/26/2008	15:22

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002919

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: P1669 BFB Injection Date: 10/02/2008

Instrument ID: HP5973P BFB Injection Time: 22:14

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	17.3		
75	30.0 - 60.0% of mass 95	41.4		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.4		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	78.9		
175	5.0 - 9.0% of mass 174	5.8	(7.4)	1
176	95.0 - 101.0% of mass 174	76.0	(96.3)	1
177	5.0 - 9.0% of mass 176	5.2	(6.8)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002510-1	P1670.RR	10/02/2008	22:38
2	MSB04	A8B2351101	P1672.RR	10/02/2008	23:58
3	VBLK04	A8B2351102	P1674.RR	10/03/2008	00:54
4	MW-1	A8B65301	P1678.RR	10/03/2008	02:59
5	MW-2	A8B65302	P1679.RR	10/03/2008	03:27
6	MW-2	A8B65302MS	P1680.RR	10/03/2008	03:54
7	MW-2	A8B65302SD	P1681.RR	10/03/2008	04:22
8	EB-092208	A8B65303	P1682.RR	10/03/2008	04:50
9	TB-092208	A8B65304	P1683.RR	10/03/2008	05:18

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002829

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: S8266 BFB Injection Date: 09/25/2008

Instrument ID: HP5973S BFB Injection Time: 19:55

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	15.1		
75	30.0 - 60.0% of mass 95	46.7		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.0		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	82.4		
175	5.0 - 9.0% of mass 174	5.2	(6.3)	1
176	95.0 - 101.0% of mass 174	78.9	(95.7)	1
177	5.0 - 9.0% of mass 176	4.6	(5.8)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000712-1	S8272.RR	09/26/2008	00:15
2	VSTD005	A8I0000712-1	S8273.RR	09/26/2008	00:39
3	VSTD010	A8I0000712-1	S8274.RR	09/26/2008	01:03
4	VSTD025	A8I0000712-1	S8275.RR	09/26/2008	01:27
5	VSTD050	A8I0000712-1	S8276.RR	09/26/2008	01:51
6	VSTD100	A8I0000712-1	S8277.RR	09/26/2008	02:15

ROCHESTER GAS & ELECTRIC
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002994

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: S8697 BFB Injection Date: 10/08/2008

Instrument ID: HP5973S BFB Injection Time: 08:15

GC Column: ZB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	16.4		
75	30.0 - 60.0% of mass 95	47.6		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.0		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	70.7		
175	5.0 - 9.0% of mass 174	5.7	(8.1)	1
176	95.0 - 101.0% of mass 174	67.8	(95.9)	1
177	5.0 - 9.0% of mass 176	5.1	(7.5)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0002575-1	S8698.RR	10/08/2008	08:37
2	MSB69	A8B2384801	S8699.RR	10/08/2008	09:09
3	VBLK69	A8B2384802	S8702.RR	10/08/2008	10:21
4	MW-9	A8B79401	S8711.RR	10/08/2008	13:59
5	MW-4	A8B79402	S8712.RR	10/08/2008	14:23
6	MW-6	A8B79403	S8713.RR	10/08/2008	14:47
7	FD-092408	A8B79404	S8714.RR	10/08/2008	15:12
8	MW-8	A8B79405	S8715.RR	10/08/2008	15:36
9	EB-092408	A8B79406	S8716.RR	10/08/2008	16:00
10	MW-3	A8B79407	S8717.RR	10/08/2008	16:24
11	TRIP BLANK	A8B79409	S8718.RR	10/08/2008	16:48

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002510

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): P1670.RR Date Analyzed: 10/02/2008

Instrument ID: HP5973P Time Analyzed: 22:38

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		596865		13.54		337083		16.91		629951		9.65	
	UPPER LIMIT		1193730		14.04		674166		17.41		1259902		10.15	
	LOWER LIMIT		298433		13.04		168542		16.41		314976		9.15	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092208	A8B65303	568310		13.54		309632		16.91		604963		9.66	
2	MSB04	A8B2351101	664765		13.54		368643		16.91		701898		9.66	
3	MW-1	A8B65301	540226		13.54		297568		16.91		588697		9.66	
4	MW-2	A8B65302	536703		13.54		296016		16.91		572371		9.66	
5	MW-2	A8B65302MS	529551		13.54		290569		16.91		572386		9.66	
6	MW-2	A8B65302SD	548887		13.54		295159		16.91		584082		9.66	
7	TB-092208	A8B65304	544185		13.54		295479		16.91		581968		9.66	
8	VBLK04	A8B2351102	586920		13.54		315152		16.91		640210		9.66	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002575

Lab Code: RECNY Case No.: _____ SAS No.: _____ SOG No.: B653

Lab File ID (Standard): S8698.RR Date Analyzed: 10/08/2008

Instrument ID: HP5973S Time Analyzed: 08:37

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		153318		7.19		128768		9.06		280783		4.99	
	UPPER LIMIT		306636		7.69		257536		9.56		561566		5.49	
	LOWER LIMIT		76659		6.69		64384		8.56		140392		4.49	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092408	A8B79406	139427		7.19		104280		9.06		258411		4.99	
2	FD-092408	A8B79404	142231		7.19		110726		9.06		262256		5.00	
3	MSB69	A8B2384801	145393		7.19		119112		9.06		255501		5.00	
4	MW-3	A8B79407	184156		7.19		121780		9.06		290739		4.99	
5	MW-4	A8B79402	146426		7.19		121288		9.06		270058		5.00	
6	MW-6	A8B79403	148939		7.19		119911		9.06		278553		5.00	
7	MW-8	A8B79405	153233		7.19		115783		9.06		282426		4.99	
8	MW-9	A8B79401	162768		7.19		110556		9.06		236803		5.00	
9	TRIP BLANK	A8B79409	149826		7.19		116824		9.06		274388		4.99	
10	VBLK69	A8B2384802	133453		7.19		98373		9.06		245231		4.99	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002585

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): G0123.RR Date Analyzed: 10/08/2008

Instrument ID: HP5973G Time Analyzed: 18:55

GC Column(1): ZB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		151757		8.46		146906		10.84		384685		5.57	
	UPPER LIMIT		303514		8.96		293812		11.34		769370		6.07	
	LOWER LIMIT		75879		7.96		73453		10.34		192343		5.07	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB66	A8B2390501	149108		8.46		147030		10.84		369499		5.57	
2	MW-3	A8B79407DL	166825		8.46		152251		10.84		382117		5.57	
3	MW-9	A8B79401DL	146516		8.46		136821		10.84		377287		5.57	
4	VBLK66	A8B2390502	155198		8.46		127325		10.84		403702		5.57	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8260 - TCL VOLATILE ORGANICS
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002590

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): J1776.RR Date Analyzed: 10/03/2008

Instrument ID: HP5973J Time Analyzed: 17:49

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		684629		6.55		379545		8.39		746219		4.48	
	UPPER LIMIT		1369258		7.05		759090		8.89		1492438		4.98	
	LOWER LIMIT		342315		6.05		189773		7.89		373110		3.98	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092308	A8B72702	457449		6.55		243838		8.39		483724		4.49	
2	MSB71	A8B2363801	691848		6.55		379341		8.39		747435		4.48	
3	MW-5	A8B72701	468342		6.55		252048		8.39		490992		4.48	
4	TB-092308	A8B72703	447751		6.55		242011		8.39		479597		4.49	
5	VBLK71	A8B2363802	643291		6.55		346416		8.39		697501		4.49	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Compare Client DL for PROJECT NY3A9052 and TASK 47 to Lab MDL
For METHOD: 8260 PROTOCOL: SW8463
For FRACTIONS: MV

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
Fraction: MV																
hester Gas & Electri	NY3A9052	47	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.36333	N		J	
hester Gas & Electri	NY3A9052	47	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.26495	N		J	
hester Gas & Electri	NY3A9052	47	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.81100	N		J	
hester Gas & Electri	NY3A9052	47	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.21300	N		J	
hester Gas & Electri	NY3A9052	47	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.53000	N		J	
hester Gas & Electri	NY3A9052	47	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.30900	N		J	
hester Gas & Electri	NY3A9052	47	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25113	N		J	
hester Gas & Electri	NY3A9052	47	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.23100	N		J	
hester Gas & Electri	NY3A9052	47	1,1-Dichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.58100	N		J	
hester Gas & Electri	NY3A9052	47	1,1-Dichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.75000	N		J	
hester Gas & Electri	NY3A9052	47	1,1-Dichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.61200	N		J	
hester Gas & Electri	NY3A9052	47	1,1-Dichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.29324	N		J	
hester Gas & Electri	NY3A9052	47	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.30424	N		J	
hester Gas & Electri	NY3A9052	47	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.40765	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.99600	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	1.00000	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dibromoethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.18984	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dibromoethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.16600	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.75300	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.20300	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dichloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25113	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dichloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.21400	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dichloropropane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25615	N		J	
hester Gas & Electri	NY3A9052	47	1,2-Dichloropropane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.14400	N		J	
hester Gas & Electri	NY3A9052	47	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.70700	N		J	
hester Gas & Electri	NY3A9052	47	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.16500	N		J	
hester Gas & Electri	NY3A9052	47	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.70000	N		J	
hester Gas & Electri	NY3A9052	47	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.16200	N		J	
hester Gas & Electri	NY3A9052	47	2-Butanone	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	25.00000	6.80300	Y	E	J	
hester Gas & Electri	NY3A9052	47	2-Butanone	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	5.00000	1.31800	N		J	
hester Gas & Electri	NY3A9052	47	2-Hexanone	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	25.00000	6.25000	Y	E	J	
hester Gas & Electri	NY3A9052	47	2-Hexanone	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	5.00000	1.24100	N		J	
hester Gas & Electri	NY3A9052	47	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	25.00000	6.25000	Y	E	J	
hester Gas & Electri	NY3A9052	47	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	5.00000	0.90900	N		J	
hester Gas & Electri	NY3A9052	47	Acetone	CDL	SW8463	8260	CTA34231	S	UG/KG	20.0000	25.00000	1.09700	Y	E	J	
hester Gas & Electri	NY3A9052	47	Acetone	CDL	SW8463	8260	CTA34232	W	UG/L	20.0000	5.00000	1.34500	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	Benzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.54700	N		J	
chester Gas & Electri	NY3A9052	47	Benzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.16400	N		J	
chester Gas & Electri	NY3A9052	47	Bromodichloromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.25710	N		J	
chester Gas & Electri	NY3A9052	47	Bromodichloromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.38565	N		J	
chester Gas & Electri	NY3A9052	47	Bromoform	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.46139	N		J	
chester Gas & Electri	NY3A9052	47	Bromoform	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.25741	N		J	
chester Gas & Electri	NY3A9052	47	Bromomethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.45888	N		J	
chester Gas & Electri	NY3A9052	47	Bromomethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.28161	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Disulfide	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.42871	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Disulfide	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	1.00000	0.19400	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Tetrachloride	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.68100	N		J	
chester Gas & Electri	NY3A9052	47	Carbon Tetrachloride	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.26653	N		J	
chester Gas & Electri	NY3A9052	47	Chlorobenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.51400	N		J	
chester Gas & Electri	NY3A9052	47	Chlorobenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.18300	N		J	
chester Gas & Electri	NY3A9052	47	Chloroethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.80900	N		J	
chester Gas & Electri	NY3A9052	47	Chloroethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.32373	N		J	
chester Gas & Electri	NY3A9052	47	Chloroform	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.30896	N		J	
chester Gas & Electri	NY3A9052	47	Chloroform	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.33567	N		J	
chester Gas & Electri	NY3A9052	47	Chloromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.30200	N		J	
chester Gas & Electri	NY3A9052	47	Chloromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.34573	N		J	
chester Gas & Electri	NY3A9052	47	Cyclohexane	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.23000	N		J	
chester Gas & Electri	NY3A9052	47	Cyclohexane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.22000	N		J	
chester Gas & Electri	NY3A9052	47	Dibromochloromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.27627	N		J	
chester Gas & Electri	NY3A9052	47	Dibromochloromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.32247	N		J	
chester Gas & Electri	NY3A9052	47	Dichlorodifluoromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.41330	N		J	
chester Gas & Electri	NY3A9052	47	Dichlorodifluoromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.28538	N		J	
chester Gas & Electri	NY3A9052	47	Ethylbenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.34542	N		J	
chester Gas & Electri	NY3A9052	47	Ethylbenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.18400	N		J	
chester Gas & Electri	NY3A9052	47	Isopropylbenzene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.32781	N		J	
chester Gas & Electri	NY3A9052	47	Isopropylbenzene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.19300	N		J	
chester Gas & Electri	NY3A9052	47	Methyl acetate	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.99800	N		J	
chester Gas & Electri	NY3A9052	47	Methyl acetate	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	1.00000	0.17100	N		J	
chester Gas & Electri	NY3A9052	47	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.49100	N		J	
chester Gas & Electri	NY3A9052	47	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.16100	N		J	
chester Gas & Electri	NY3A9052	47	Methylcyclohexane	CDL	SW8463	8260	CTA34231	S	UG/KG	10.0000	5.00000	0.32404	N		J	
chester Gas & Electri	NY3A9052	47	Methylcyclohexane	CDL	SW8463	8260	CTA34232	W	UG/L	10.0000	1.00000	0.22100	N		J	
chester Gas & Electri	NY3A9052	47	Methylene chloride	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	2.20000	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Compare Client DL for PROJECT NY3A9052 and TASK 47 to Lab MDL
For METHOD: 8260 PROTOCOL: SW8463
For FRACTIONS: MV

Laboratory: A
)ject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
:hester Gas & Electri	NY3A9052	47	Methylene chloride	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.43845	N		J	
:hester Gas & Electri	NY3A9052	47	Styrene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.24955	N		J	
:hester Gas & Electri	NY3A9052	47	Styrene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.18500	N		J	
:hester Gas & Electri	NY3A9052	47	Tetrachloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.67100	N		J	
:hester Gas & Electri	NY3A9052	47	Tetrachloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.36490	N		J	
hester Gas & Electri	NY3A9052	47	Toluene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.84800	N		J	
hester Gas & Electri	NY3A9052	47	Toluene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.51000	N		J	
hester Gas & Electri	NY3A9052	47	Total Xylenes	CDL	SW8463	8260	CTA34231	S	UG/KG	15.0000	15.00000	2.93714	N		J	
hester Gas & Electri	NY3A9052	47	Total Xylenes	CDL	SW8463	8260	CTA34232	W	UG/L	15.0000	3.00000	0.93000	N		J	
hester Gas & Electri	NY3A9052	47	Trichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.34510	N		J	
hester Gas & Electri	NY3A9052	47	Trichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.17500	N		J	
hester Gas & Electri	NY3A9052	47	Trichlorofluoromethane	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	1.56400	N		J	
hester Gas & Electri	NY3A9052	47	Trichlorofluoromethane	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.15200	N		J	
hester Gas & Electri	NY3A9052	47	Vinyl chloride	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	10.00000	0.20398	Y	E	J	
hester Gas & Electri	NY3A9052	47	Vinyl chloride	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.24264	N		J	
hester Gas & Electri	NY3A9052	47	cis-1,2-Dichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.24641	N		J	
hester Gas & Electri	NY3A9052	47	cis-1,2-Dichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.16200	N		J	
hester Gas & Electri	NY3A9052	47	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.28538	N		J	
hester Gas & Electri	NY3A9052	47	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.35516	N		J	
hester Gas & Electri	NY3A9052	47	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.51577	N		J	
hester Gas & Electri	NY3A9052	47	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.12600	N		J	
hester Gas & Electri	NY3A9052	47	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA34231	S	UG/KG	5.0000	5.00000	0.64200	N		J	
hester Gas & Electri	NY3A9052	47	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA34232	W	UG/L	5.0000	1.00000	0.36836	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1682.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1682.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

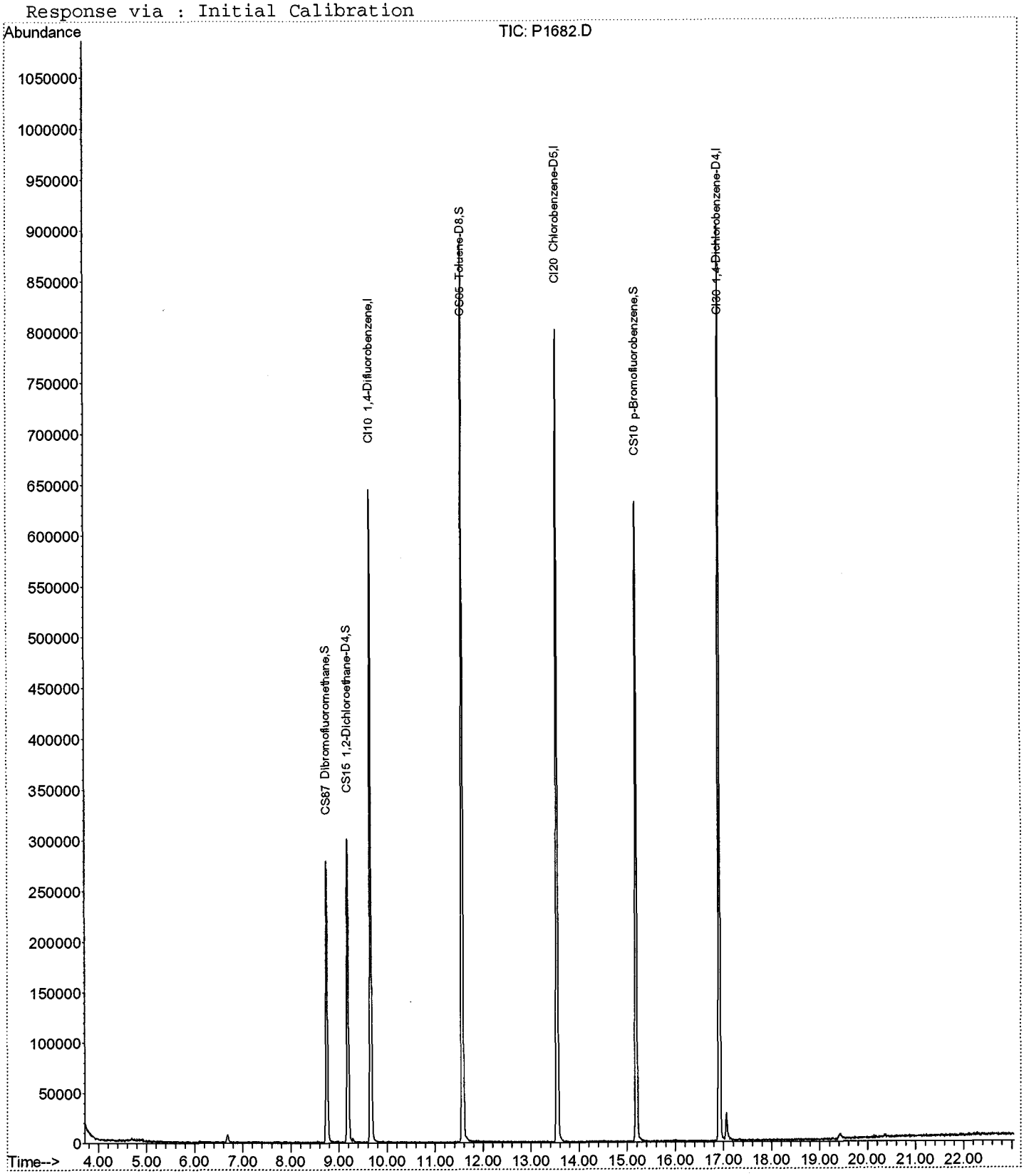
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1682.D
Acq On : 3 Oct 2008 4:50
Sample : A8B65303
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:35 2008

Vial: 8
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1682.D
Acq On : 3 Oct 2008 4:50
Sample : A8B65303
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:34 2008

Vial: 8
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	604963	125.00	ng	0.00 96.03%
43) CI20 Chlorobenzene-D5	13.54	117	568310	125.00	ng	0.00 95.22%
62) CI30 1,4-Dichlorobenzene-	16.91	152	309632	125.00	ng	0.00 91.86%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	8.74	111	207683	141.09	ng	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 112.87%			
31) CS15 1,2-Dichloroethane-D	9.18	65	278624	152.32	ng	0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 121.86%			
44) CS05 Toluene-D8	11.57	98	713115	128.42	ng	0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 102.74%			
61) CS10 p-Bromofluorobenzene	15.19	174	228116	127.83	ng	0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 102.26%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	4.13	50	143	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	6.09	96	130	N.D.		
9) C030 Methylene chloride	6.69	84	4409	Below Cal		97
10) C040 Carbon disulfide	0.00	76	0	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	6.12	43	1507	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	8.58	42	112	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	8.55	83	300	N.D.		
27) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120 Carbon tetrachloride	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165 Benzene	9.30	78	2038	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1682.D
Acq On : 3 Oct 2008 4:50
Sample : A8B65303
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:34 2008

Vial: 8
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	0.00	43	0	N.D.	
35)	C256	Cyclohexane	0.00	56	0	N.D.	
36)	C150	Trichloroethene	10.05	95	117	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	1121	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	13.59	112	1602	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.54	91	746	N.D.	
58)	C246	m,p-Xylene	0.00	106	0	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	0.00	105	0	N.D.	
75)	C308	sec-Butylbenzene	0.00	105	0	N.D.	
76)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	20.37	128	4187	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1795.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	3.0	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1795.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

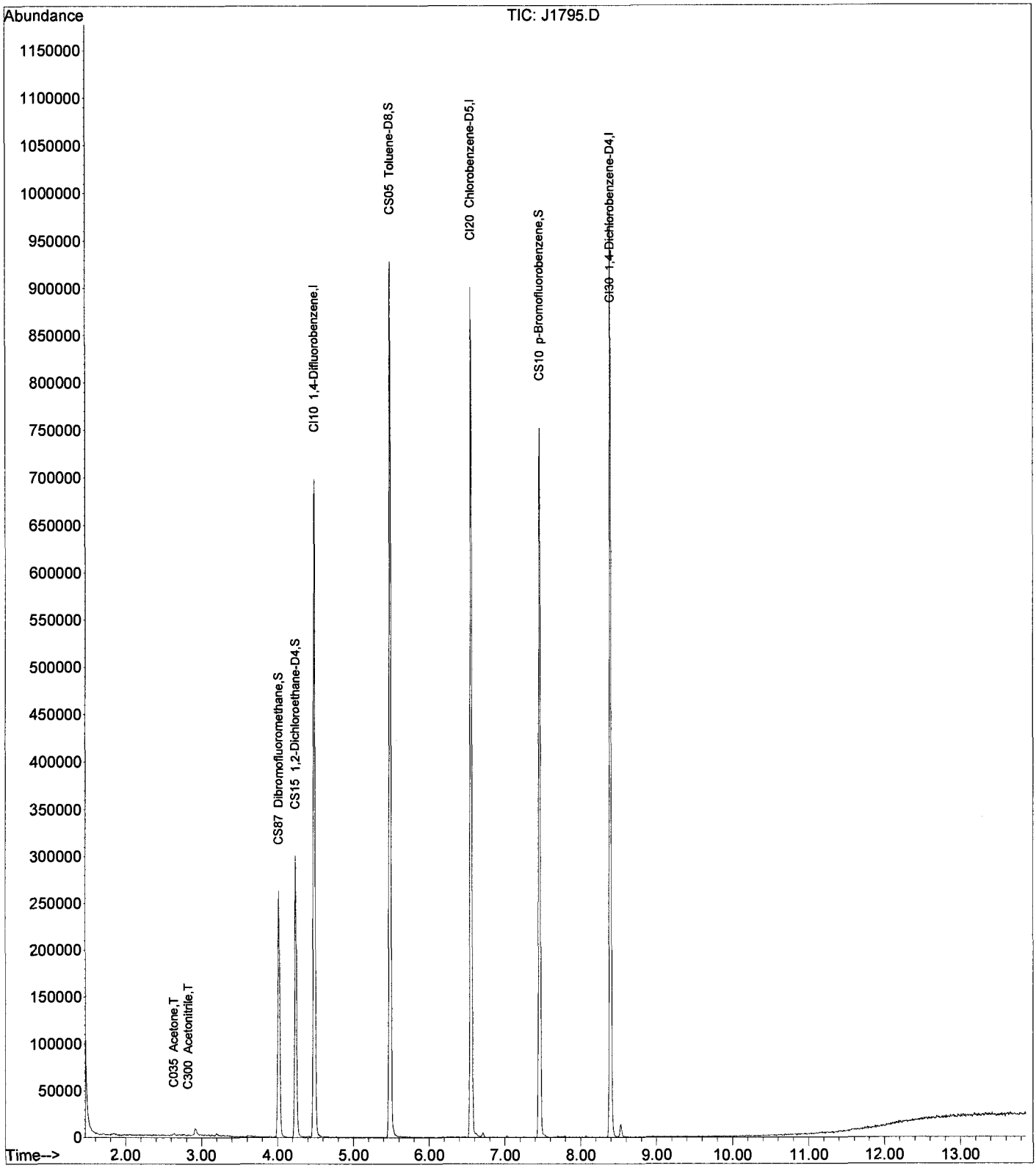
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : C:\MSDCHEM\1\DATA\100308\J1795.D Vial: 30
Acq On : 4 Oct 2008 2:02 Operator: LH/MF
Sample : A8B72702 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 06 09:19:39 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Data File : C:\MSDCHEM\1\DATA\100308\J1795.D Vial: 30
Acq On : 4 Oct 2008 2:02 Operator: LH/MF
Sample : A8B72702 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 06 09:19:39 2008 Results File: A8I0000734.RES

S+E 10/6/08

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.49	114	483724	125.00	ng	0.00 64.82%
43) CI20	Chlorobenzene-D5	6.55	117	457449	125.00	ng	0.00 66.82%
62) CI30	1,4-Dichlorobenzene-	8.39	152	243838	125.00	ng	0.00 64.24%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.02	111	142508	147.34	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	117.87%	
31) CS15	1,2-Dichloroethane-D	4.24	65	202787	153.67	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	122.94%	
44) CS05	Toluene-D8	5.49	98	565659	133.40	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	106.72%	
61) CS10	p-Bromofluorobenzene	7.46	174	183139	131.28	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	105.02%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	2.91	84	3049	Below Cal		94
10) C040	Carbon disulfide	2.77	76	809	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.64	43	4166	15.19 ng	#	72
14) C300	Acetonitrile	2.83	41	477	4.82 ng	#	47
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.83	43	74	Below Cal	#	48
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	3.32	43	73	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	3.91	42	277	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	3.91	83	371	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.26	78	1497	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	3.71	43	127	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

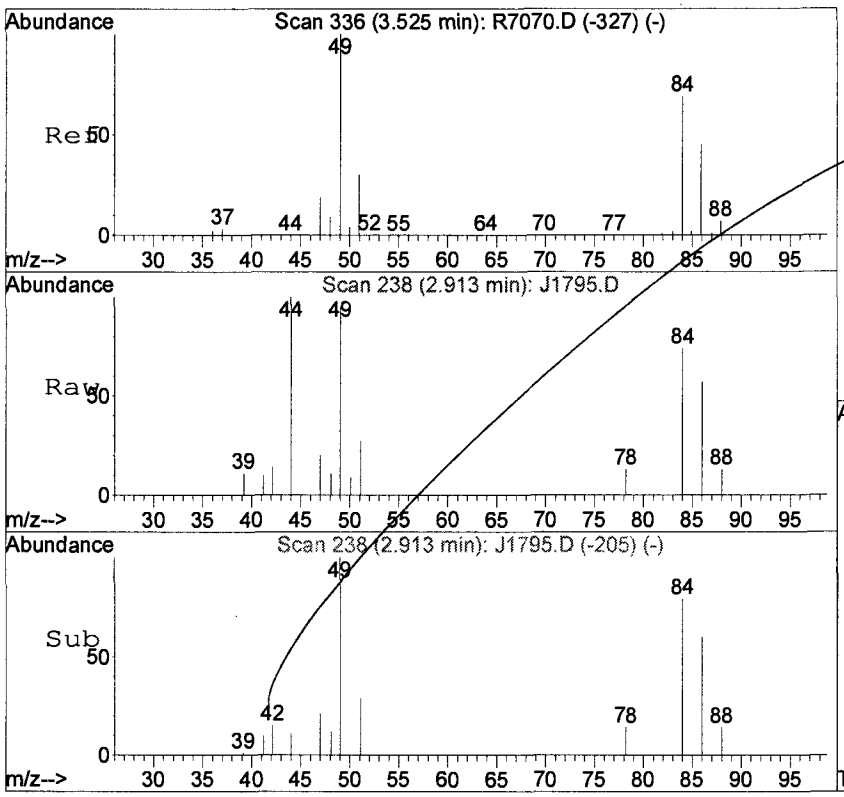
@ 10.14.08

Data File : C:\MSDCHEM\1\DATA\100308\J1795.D Vial: 30
Acq On : 4 Oct 2008 2:02 Operator: LH/MF
Sample : A8B72702 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 06 09:19:39 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	3.91	83	371	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	4.78	83	185	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	5.53	92	1459	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	5.49	43	2474	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	6.63	91	1345	N.D.		
58) C246	m,p-Xylene	6.71	106	1605	N.D.		
59) C247	o-Xylene	7.03	106	382	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.46	105	167	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	7.63	91	182	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	7.76	105	311	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.07	105	1039	N.D.		
75) C308	sec-Butylbenzene	8.07	105	1039	N.D.		
76) C260	1,3-Dichlorobenzen	8.42	146	602	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	8.42	146	602	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.28	128	124	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

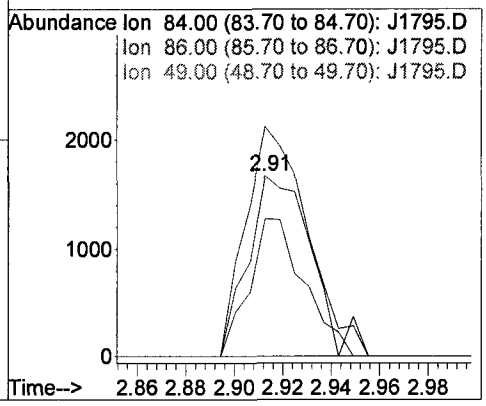
(#) = qualifier out of range (m) = manual integration (+) = signals summed

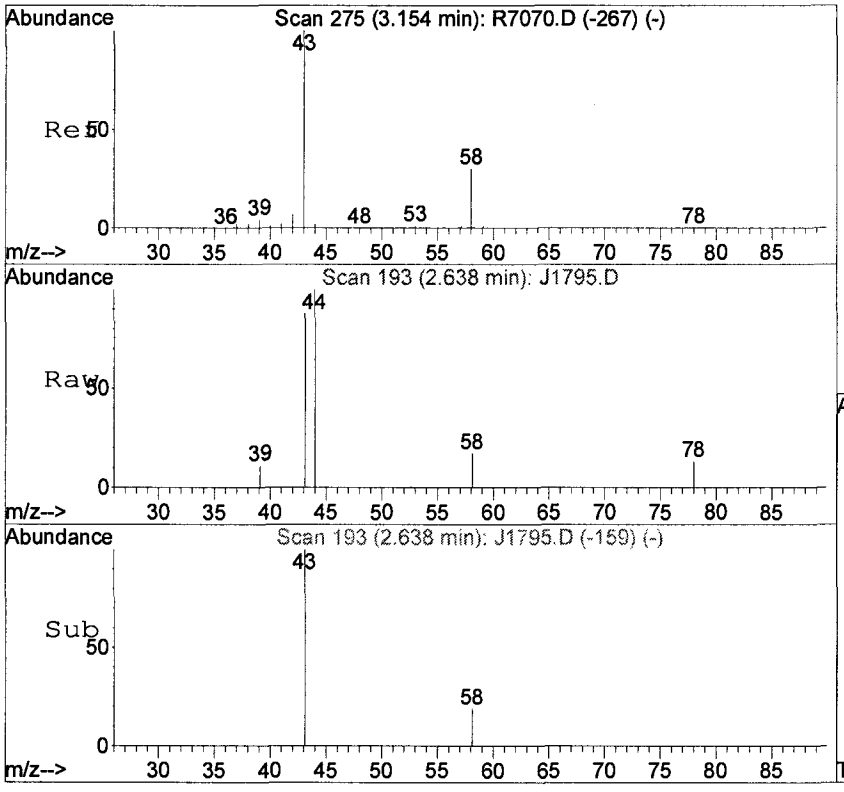


#9
C030 Methylene chloride
Concen: Below Cal
RT: 2.91 min Scan# 238
Delta R.T. -0.00 min
Lab File: J1795.D
Acq: 4 Oct 2008 2:02

Tgt Ion: 84 Resp: 3049

Ion	Ratio	Lower	Upper
84	100		
86	76.4	43.6	83.6
49	127.2	108.0	148.0

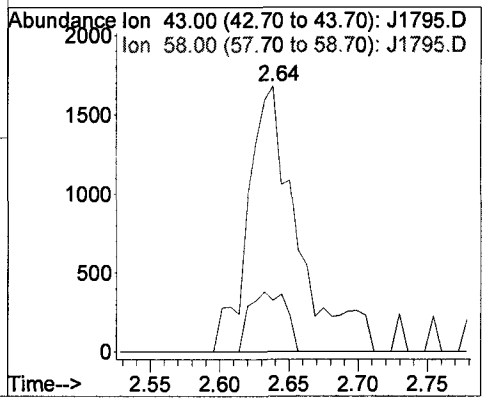




#13
C035 Acetone
Concen: 15.19 ng
RT: 2.64 min Scan# 193
Delta R.T. 0.01 min
Lab File: J1795.D
Acq: 4 Oct 2008 2:02

Tgt Ion: 43 Resp: 4166

Ion	Ratio	Lower	Upper
43	100		
58	19.3	28.6	43.0#



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8716.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8716.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

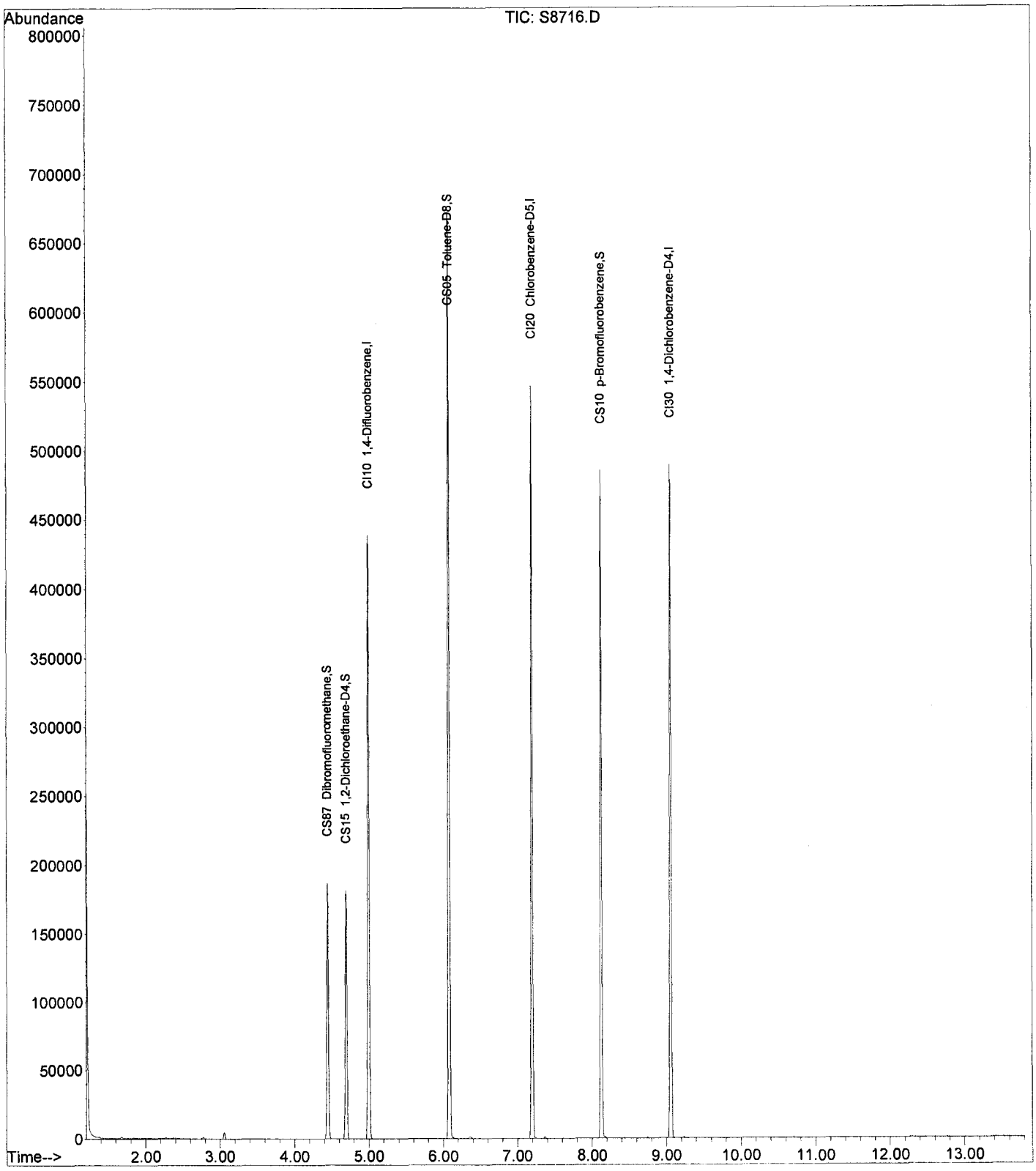
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : D:\MSDCHEM\S\DATA\100808\S8716.D Vial: 20
Acq On : 8 Oct 2008 16:00 Operator: DHC
Sample : A8B79406 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:45 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (No Approved)

Data File : D:\MSDCHEM\S\DATA\100808\S8716.D Vial: 20
Acq On : 8 Oct 2008 16:00 Operator: DHC
Sample : A8B79406 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:45 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

CM 10/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	258411	125.00	ng	0.00 92.03%
43) CI20	Chlorobenzene-D5	7.19	82	139427	125.00	ng	0.00 90.94%
63) CI30	1,4-Dichlorobenzene-	9.06	152	104280	125.00	ng	0.00 80.98%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	85639	133.86	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	107.09%	
31) CS15	1,2-Dichloroethane-D	4.69	65	105808	135.28	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	108.22%	
44) CS05	Toluene-D8	6.07	98	355355	123.47	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	98.78%	
62) CS10	p-Bromofluorobenzene	8.12	174	102481	129.85	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	103.88%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.06	84	1823	Below Cal	88
10) C040	Carbon disulfide	2.78	76	1037	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.75	43	150	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.71	78	785	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

@ 10.14.08

Data File : D:\MSDCHEM\S\DATA\100808\S8716.D Vial: 20
Acq On : 8 Oct 2008 16:00 Operator: DHC
Sample : A8B79406 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:45 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.14	92	139	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	1177	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.37	91	1094	N.D.		
58) C246	m,p-Xylene	7.37	106	476	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	8.12	91	162	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.44	105	164	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.75	105	638	N.D.		
75) C308	sec-Butylbenzene	8.75	105	638	N.D.		
76) C260	1,3-Dichlorobenzen	9.08	146	158	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.08	146	158	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.71	180	297	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	0.00	128	0	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8714.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.51	J
156-60-5	trans-1,2-Dichloroethene	1.0	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8714.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

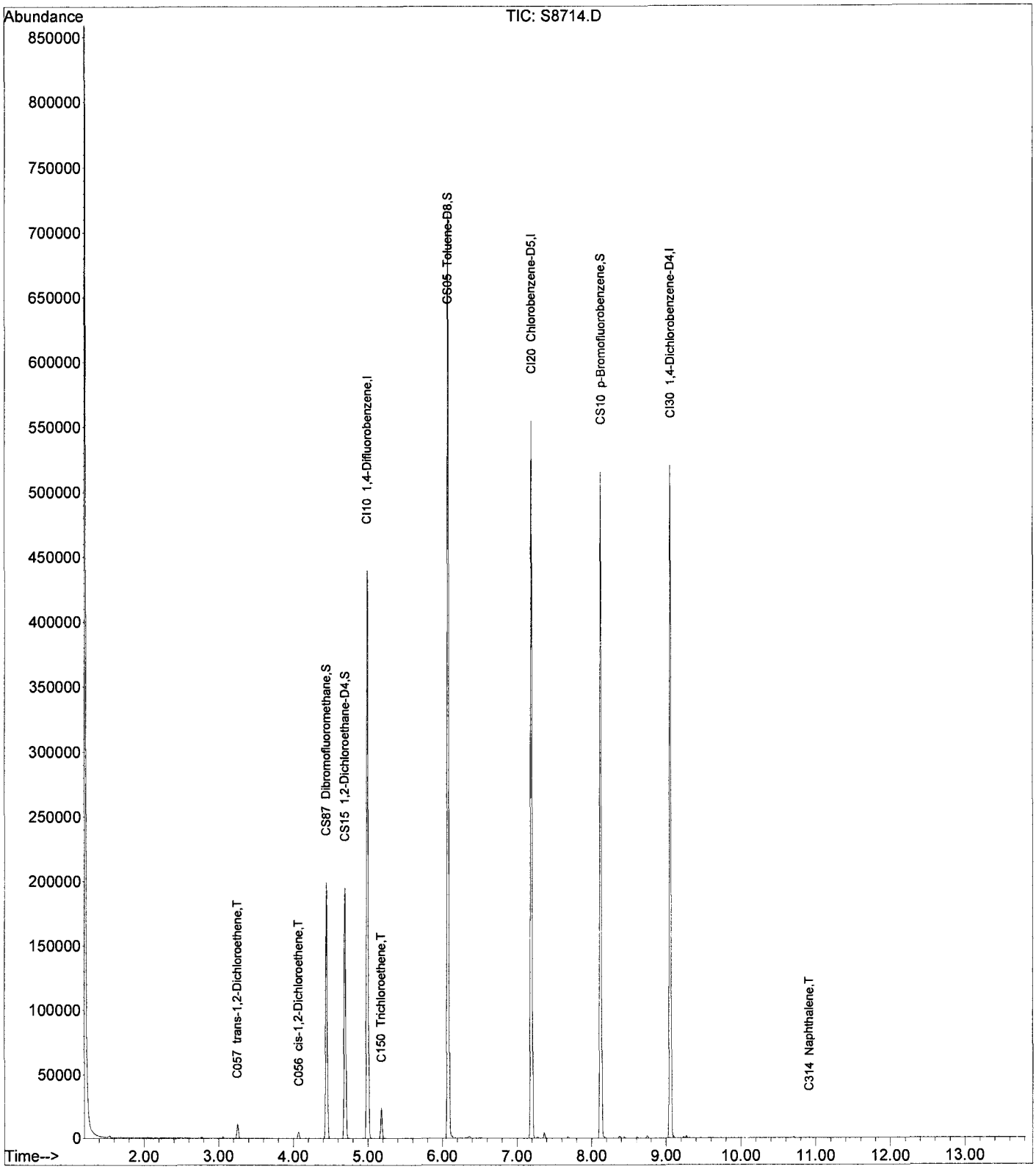
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	1.7	J
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (N[illegible]Reviewed)

Data File : D:\MSDCHEM\S\DATA\100808\S8714.D Vial: 18
Acq On : 8 Oct 2008 15:12 Operator: DHC
Sample : A8B79404 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:34 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\MSDCHEM\S\DATA\100808\S8714.D Vial: 18
Acq On : 8 Oct 2008 15:12 Operator: DHC
Sample : A8B79404 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:34 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SAE MJW 10/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	262256	125.00	ng	0.00 93.40%
43) CI20	Chlorobenzene-D5	7.19	82	142231	125.00	ng	0.00 92.77%
63) CI30	1,4-Dichlorobenzene-	9.06	152	110726	125.00	ng	0.00 85.99%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	89314	137.56	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	110.05%	
31) CS15	1,2-Dichloroethane-D	4.69	65	110501	139.21	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	111.37%	
44) CS05	Toluene-D8	6.07	98	371319	126.48	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	101.18%	
62) CS10	p-Bromofluorobenzene	8.12	174	108974	135.36	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	108.29%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.54	62	1054	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.06	84	497	Below Cal	#	55
10) C040	Carbon disulfide	2.77	76	886	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	0.00	43	0	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.26	96	4009	5.18	ng	91
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.61	63	130	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	2061	2.56	ng	85
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	5902	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	5.18	95	6597	8.38	ng	84
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

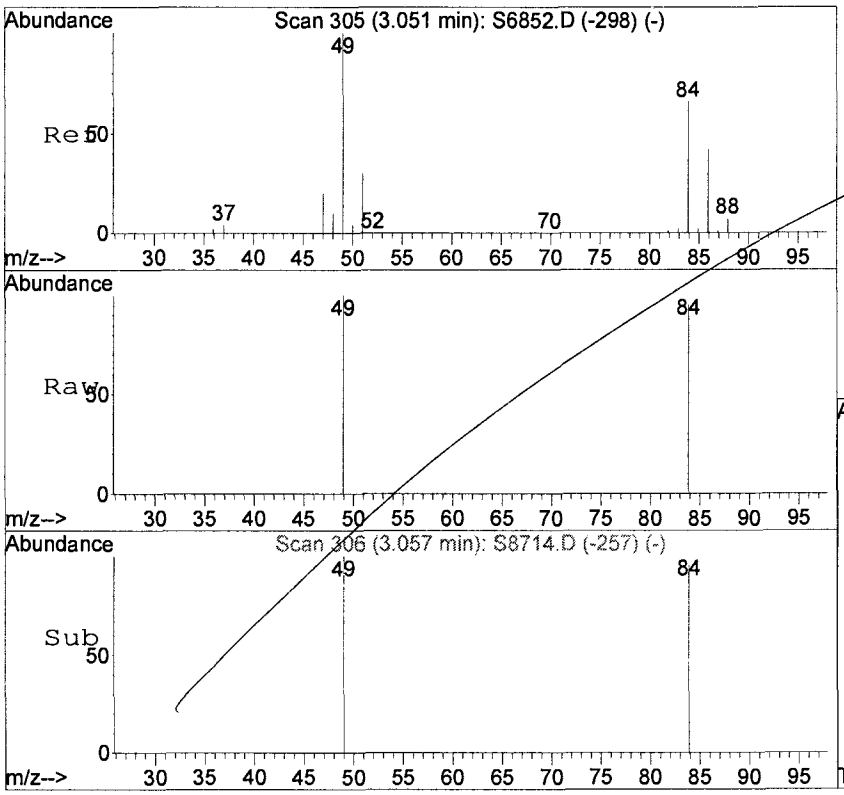
@ 10.14.08

Data File : D:\MSDCHEM\S\DATA\100808\S8714.D Vial: 18
Acq On : 8 Oct 2008 15:12 Operator: DHC
Sample : A8B79404 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:34 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethа	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	6.13	92	412	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	1526	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.36	91	3117	N.D.	
58) C246	m,p-Xylene	7.36	106	1123	N.D.	
59) C247	o-Xylene	7.68	106	138	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	8.12	91	142	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	8.44	105	683	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	8.75	105	1613	N.D.	
75) C308	sec-Butylbenzene	8.75	105	1613	N.D.	
76) C260	1,3-Dichlorobenzen	9.07	146	516	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.07	146	516	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	10.70	180	331	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	~~10.91~~	~~128~~	~~417~~	~~10.17 ng~~	~~77~~
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

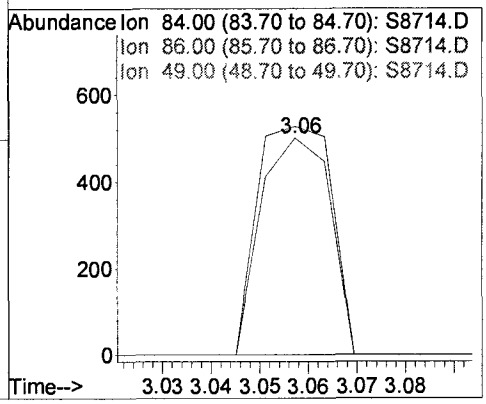
(#) = qualifier out of range (m) = manual integration (+) = signals summed

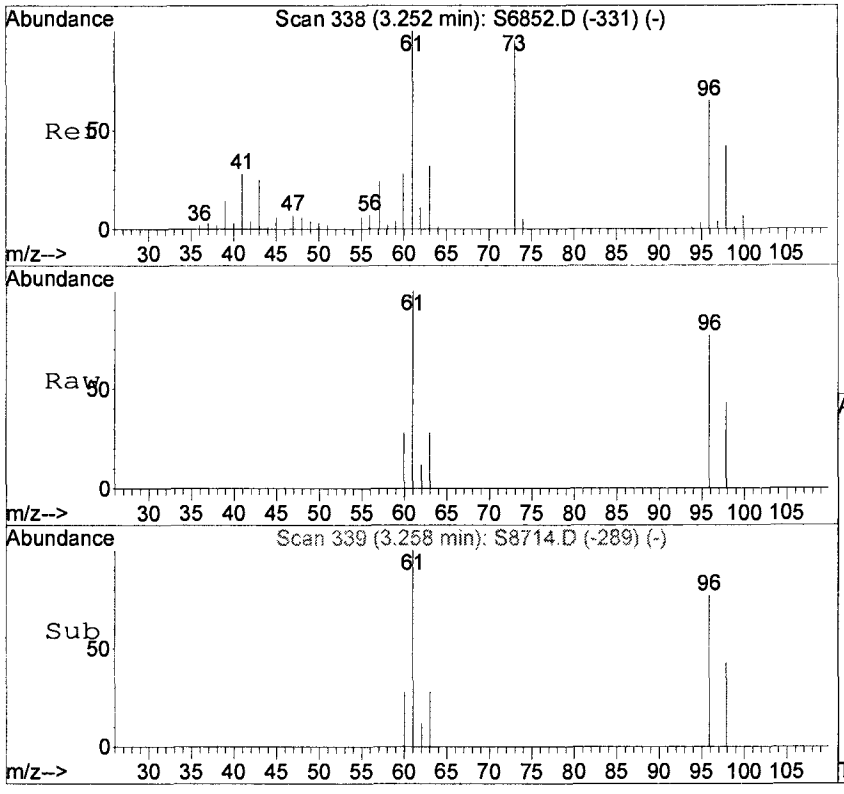


#9
C030 Methylene chloride
Concen: (Below Cal
RT: 3.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: S8714.D
Acq: 8 Oct 2008 15:12

Tgt Ion: 84 Resp: 497

Ion	Ratio	Lower	Upper
84	100		
86	0.0	31.9	91.9#
49	105.4	112.6	172.6#

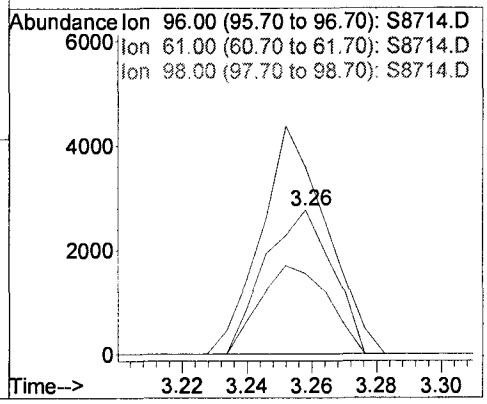


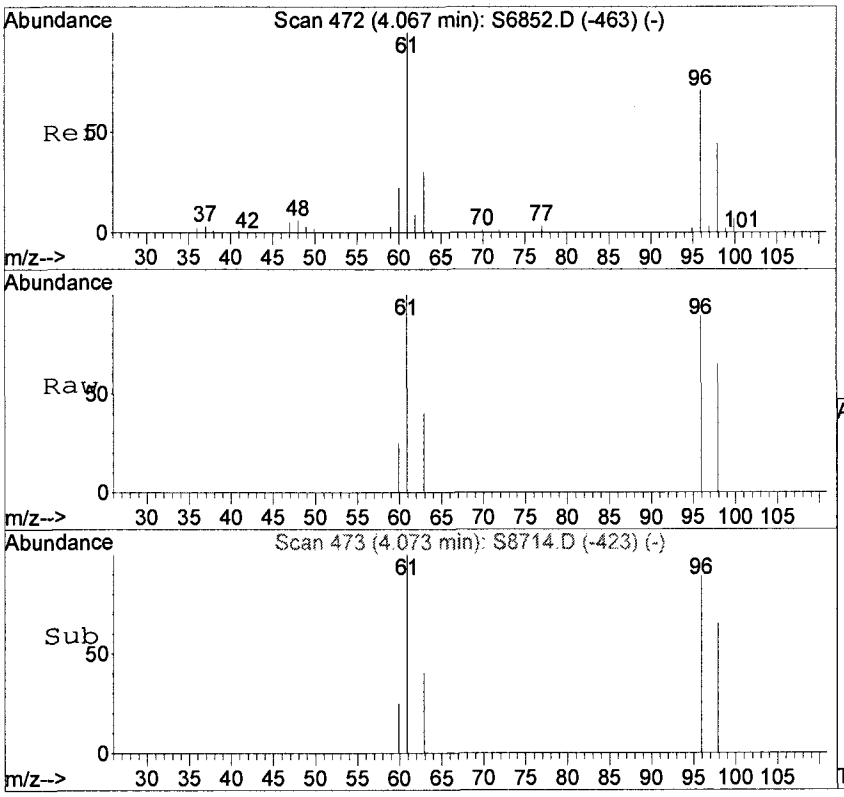


#18
C057 trans-1,2-Dichloroethene
Concen: 5.18 ng
RT: 3.26 min Scan# 339
Delta R.T. 0.01 min
Lab File: S8714.D
Acq: 8 Oct 2008 15:12

Tgt Ion: 96 Resp: 4009

Ion	Ratio	Lower	Upper
96	100		
61	129.6	111.5	171.5
98	56.1	33.0	93.0

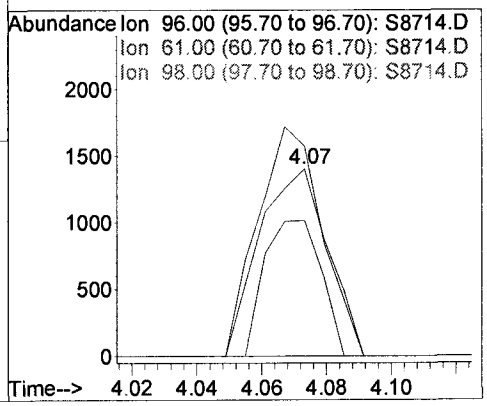


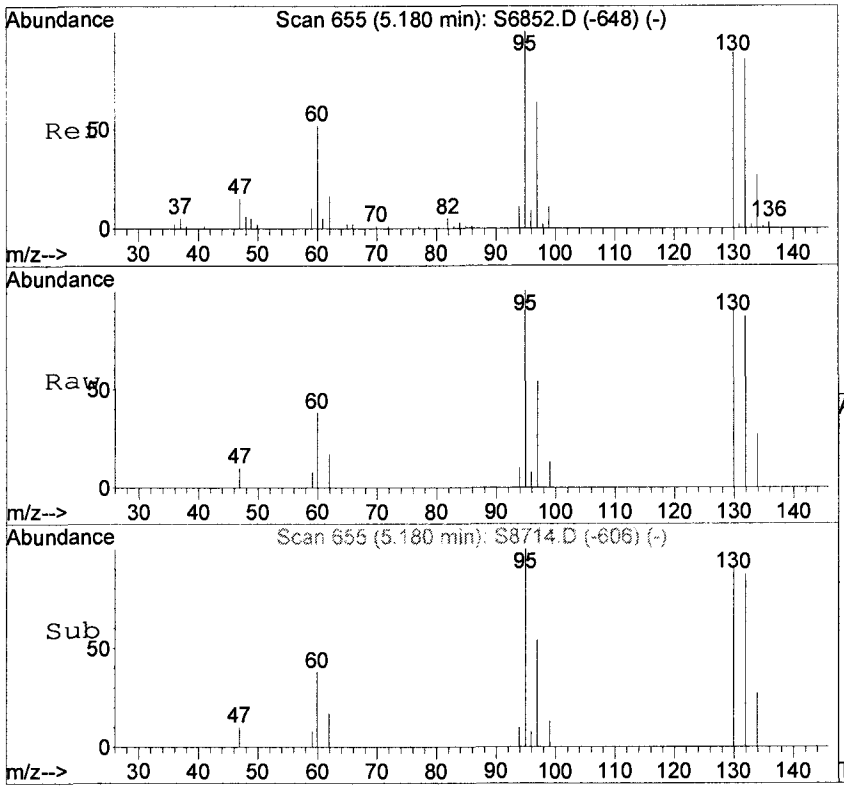


#23
C056 cis-1,2-Dichloroethene
Concen: 2.56 ng
RT: 4.07 min Scan# 473
Delta R.T. 0.01 min
Lab File: S8714.D
Acq: 8 Oct 2008 15:12

Tgt Ion: 96 Resp: 2061

Ion	Ratio	Lower	Upper
96	100		
61	112.0	99.9	159.9
98	72.3	31.8	91.8

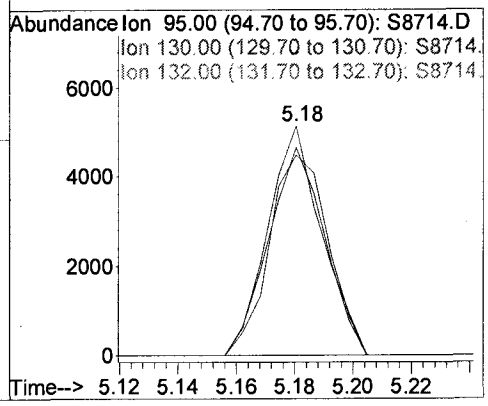




#36
C150 Trichloroethene
Concen: 8.38 ng
RT: 5.18 min Scan# 655
Delta R.T. 0.00 min
Lab File: S8714.D
Acq: 8 Oct 2008 15:12

Tgt Ion: 95 Resp: 6597

Ion	Ratio	Lower	Upper
95	100		
130	90.5	77.6	137.6
132	87.2	72.8	132.8



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1678.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1678.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

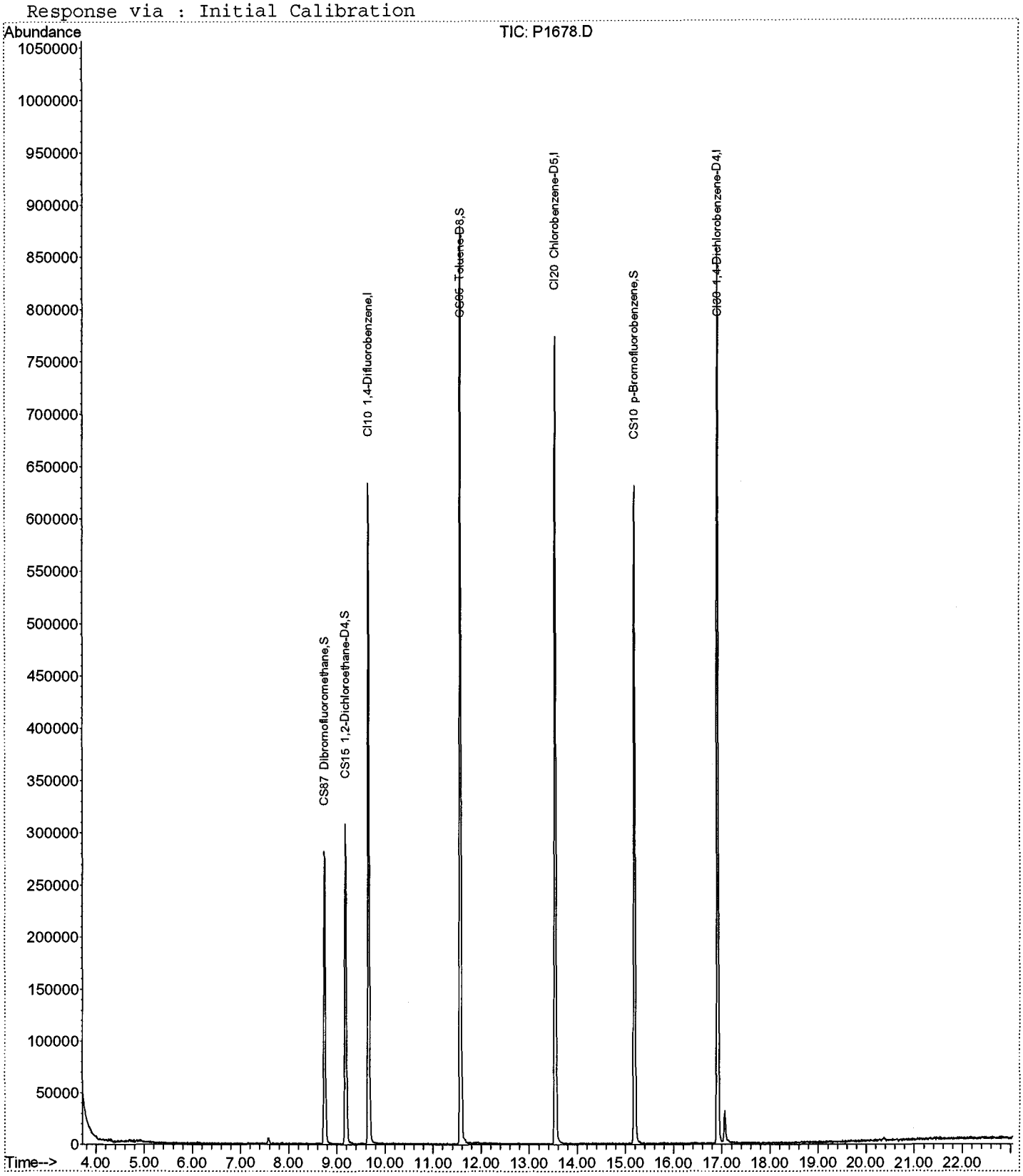
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1678.D
Acq On : 3 Oct 2008 2:59
Sample : A8B65301
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:35 2008

Vial: 4
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1678.D
Acq On : 3 Oct 2008 2:59
Sample : A8B65301
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:14 2008

Vial: 4
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	588697	125.00	ng	0.00 93.45%
43) CI20	Chlorobenzene-D5	13.54	117	540226	125.00	ng	0.00 90.51%
62) CI30	1,4-Dichlorobenzene-	16.91	152	297568	125.00	ng	0.00 88.28%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	208861	145.81	ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 116.65%			
31) CS15	1,2-Dichloroethane-D	9.18	65	280766	157.74	ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 126.19%			
44) CS05	Toluene-D8	11.57	98	701492	132.89	ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 106.31%			
61) CS10	p-Bromofluorobenzene	15.19	174	220847	130.19	ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 104.15%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	6.67	84	113	Below Cal	#	48
10) C040	Carbon disulfide	6.47	76	254	N.D.		
11) C036	Acrolein	6.02	56	115	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.12	43	1860	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	8.55	42	195	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.30	78	138	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : H:\GCMS_VOA\P\100208\P1678.D Vial: 4
Acq On : 3 Oct 2008 2:59 Operator: CDC
Sample : A8B65301 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:14 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	0.00	43	0	N.D.	
35)	C256	Cyclohexane	0.00	56	0	N.D.	
36)	C150	Trichloroethene	10.04	95	118	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.65	92	813	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.69	91	118	N.D.	
58)	C246	m,p-Xylene	0.00	106	0	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	0.00	105	0	N.D.	
75)	C308	sec-Butylbenzene	0.00	105	0	N.D.	
76)	C260	1,3-Dichlorobenzene	16.94	146	917	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	16.94	146	917	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	20.37	128	4627	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1679.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	29	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	0.27	J
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	2.4	J
156-60-5	trans-1,2-Dichloroethene	0.38	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	0.61	J
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	0.56	J
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1679.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

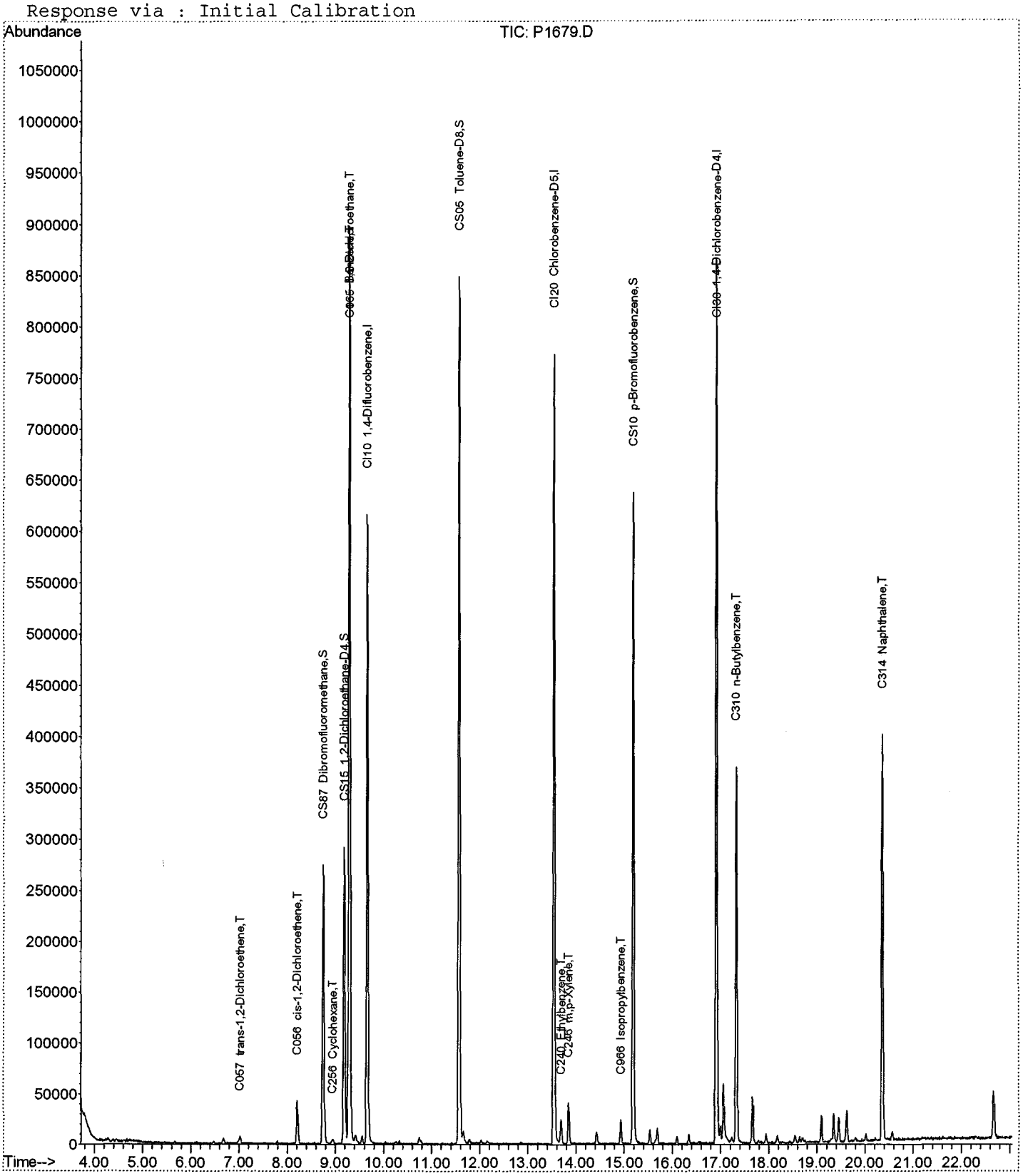
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	1.1	J

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1679.D Vial: 5
Acq On : 3 Oct 2008 3:27 Operator: CDC
Sample : A8B65302 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:35 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1679.D
Acq On : 3 Oct 2008 3:27
Sample : A8B65302
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:18 2008

Vial: 5
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

SRG 10/3/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	572371	125.00	ng	0.00 90.86%
43) CI20	Chlorobenzene-D5	13.54	117	536703	125.00	ng	0.00 89.92%
62) CI30	1,4-Dichlorobenzene-	16.91	152	296016	125.00	ng	0.00 87.82%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	204354	146.73	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	117.38%		
31) CS15	1,2-Dichloroethane-D	9.18	65	272119	157.24	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	125.79%		
44) CS05	Toluene-D8	11.57	98	685782	130.77	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	104.62%		
61) CS10	p-Bromofluorobenzene	15.19	174	221030	131.15	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	104.92%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	4.14	50	117	N.D.		
4) C020	Vinyl chloride	4.38	62	772	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	6.67	84	114	Below Cal	#	71
10) C040	Carbon disulfide	6.48	76	1340	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.12	43	2496	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	6.99	73	3019	N.D.		
18) C057	trans-1,2-Dichloroet	7.03	96	3174	1.89 ng	#	79
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	7.52	63	1289	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	8.21	96	22431	12.26 ng		95
24) C272	Tetrahydrofuran	8.57	42	665	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.28	78	901810	145.24 ng		99

(#) = qualifier out of range (m) = manual integration

10.14.08

Quantitation Report

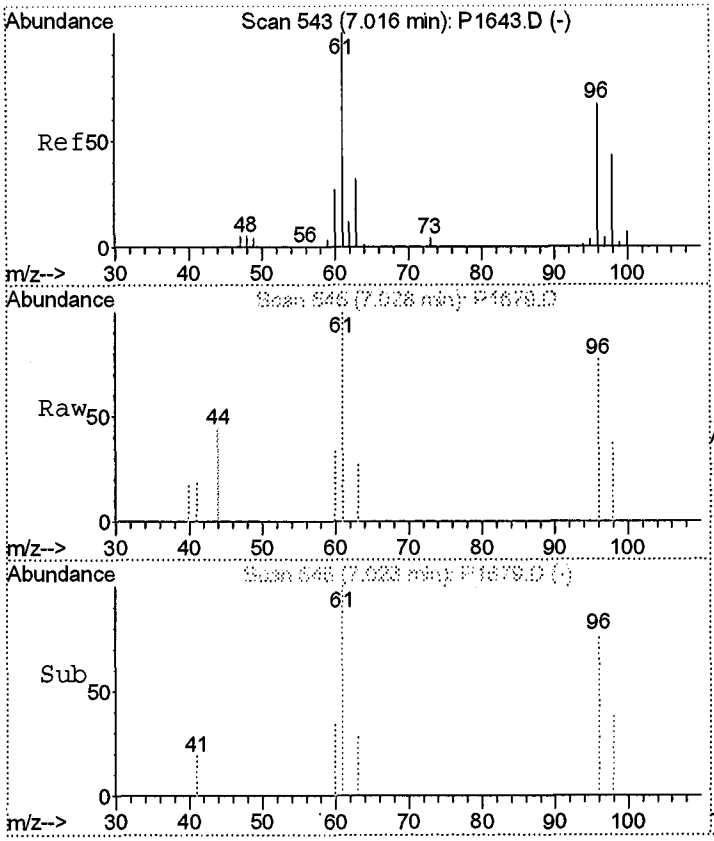
Data File : H:\GCMS_VOA\P\100208\P1679.D
Acq On : 3 Oct 2008 3:27
Sample : A8B65302
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:18 2008

Vial: 5
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.28	62	8425	3.53	ng	#	1
34)	C110	2-Butanone	0.00	43	0	N.D.			
35)	C256	Cyclohexane	8.95	56	4053	1.37	ng	#	69
36)	C150	Trichloroethene	10.05	95	1030	N.D.			
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
38)	C278	Dibromomethane	0.00	93	0	N.D.			
39)	C130	Bromodichloromethane	0.00	83	0	N.D.			
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
41)	C012	Methylcycolhexane	10.32	83	1382	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	11.66	92	5982	N.D.			
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	11.79	69	269	N.D.			
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	0.00	43	0	N.D.			
55)	C235	Chlorobenzene	0.00	112	0	N.D.			
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	13.69	91	22612	3.04	ng		99
58)	C246	m,p-Xylene	13.84	106	15230	5.49	ng		95
59)	C247	o-Xylene	14.43	106	3385	N.D.			
60)	C245	Styrene	14.44	104	1811	N.D.			
63)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	14.93	105	20366	2.80	ng		99
65)	C301	Bromobenzene	0.00	156	0	N.D.			
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.			
69)	C302	n-Propylbenzene	15.53	91	14768	N.D.			
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.			
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.			
72)	C304	1,3,5-Trimethylbenze	15.76	105	1035	N.D.			
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.			
74)	C307	1,2,4-Trimethylbenze	16.34	105	7606	N.D.			
75)	C308	sec-Butylbenzene	16.60	105	1318	N.D.			
76)	C260	1,3-Dichlorobenzene	16.95	146	253	N.D.			
77)	C309	4-Isopropyltoluene	16.79	119	252	N.D.			
78)	C267	1,4-Dichlorobenzene	16.95	146	253	N.D.			
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.			
80)	C310	n-Butylbenzene	17.33	91	40422	7.04	ng	#	54
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.			
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.			
84)	C314	Naphthalene	20.36	128	422978	47.38	ng		99
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.			

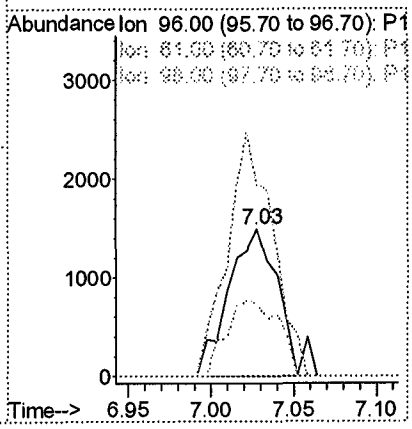
(#) = qualifier out of range (m) = manual integration

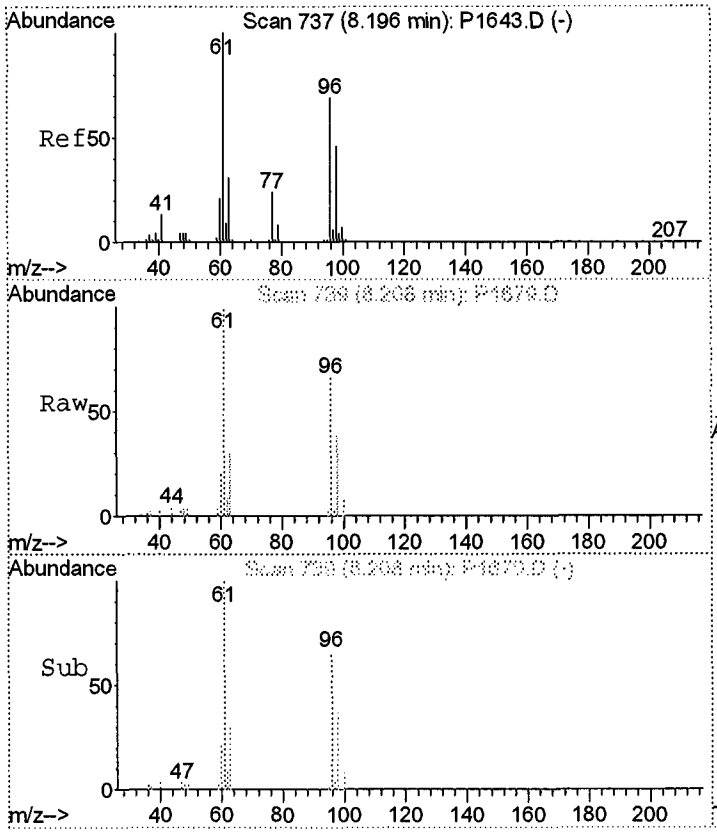


#18
C057 trans-1,2-Dichloroethene
Concen: 1.89 ng
RT: 7.03 min Scan# 545
Delta R.T. 0.01 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion: 96 Resp: 3174

Ion	Ratio	Lower	Upper
96	100		
61	129.8	139.7	179.7#
98	49.8	43.2	83.2

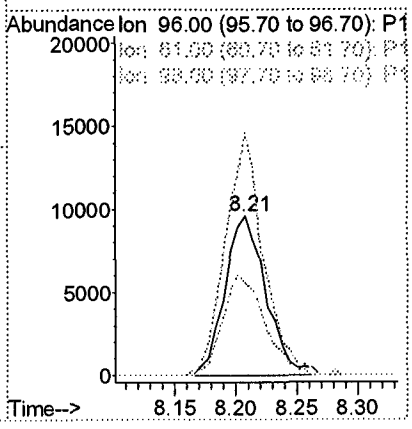


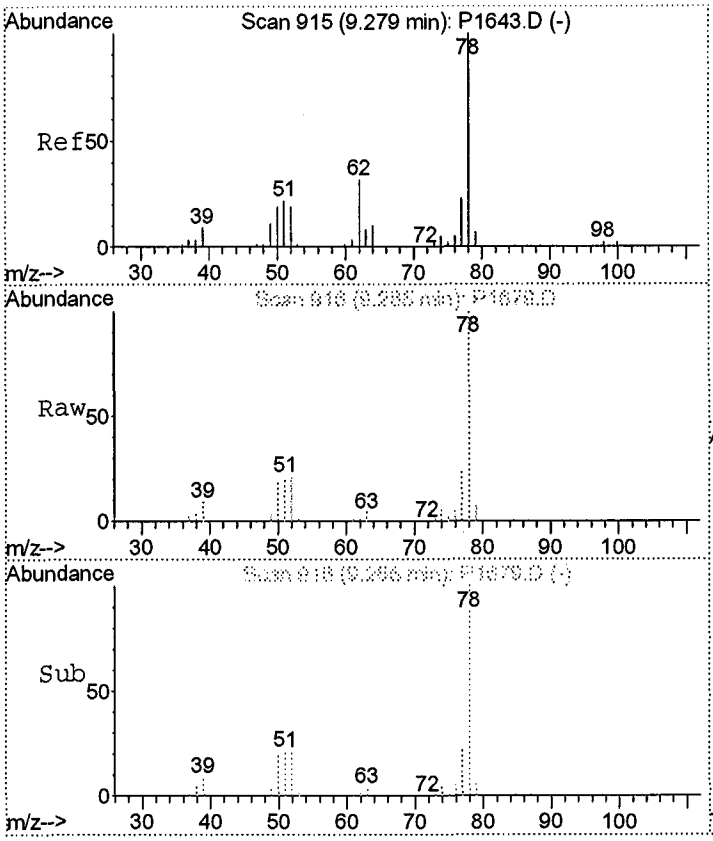


#23
C056 cis-1,2-Dichloroethene
Concen: 12.26 ng
RT: 8.21 min Scan# 739
Delta R.T. 0.01 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion: 96 Resp: 22431

Ion	Ratio	Lower	Upper
96	100		
61	151.9	128.0	168.0
98	57.1	43.4	83.4

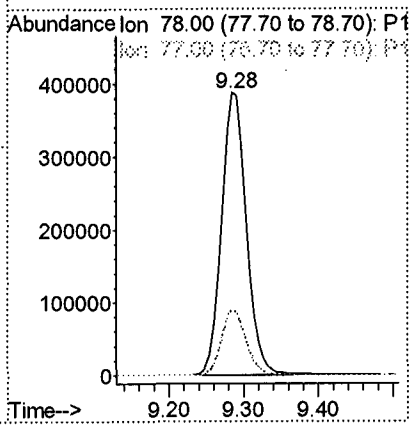


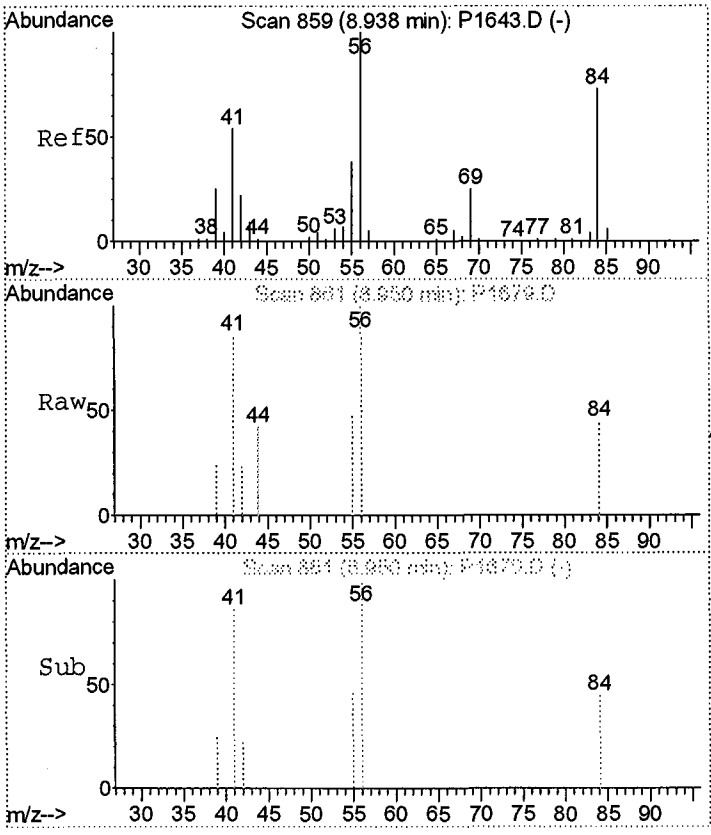


#32
C165 Benzene
Concen: 145.24 ng
RT: 9.28 min Scan# 916
Delta R.T. 0.01 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion: 78 Resp: 901810

Ion	Ratio	Lower	Upper
78	100		
77	23.0	2.7	42.7

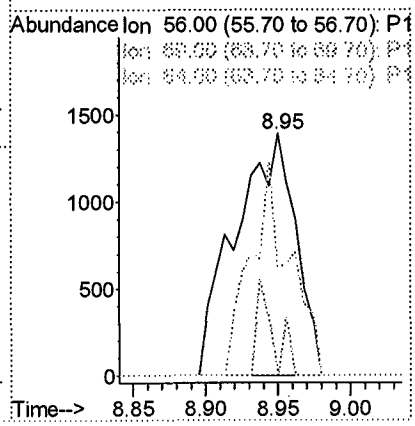


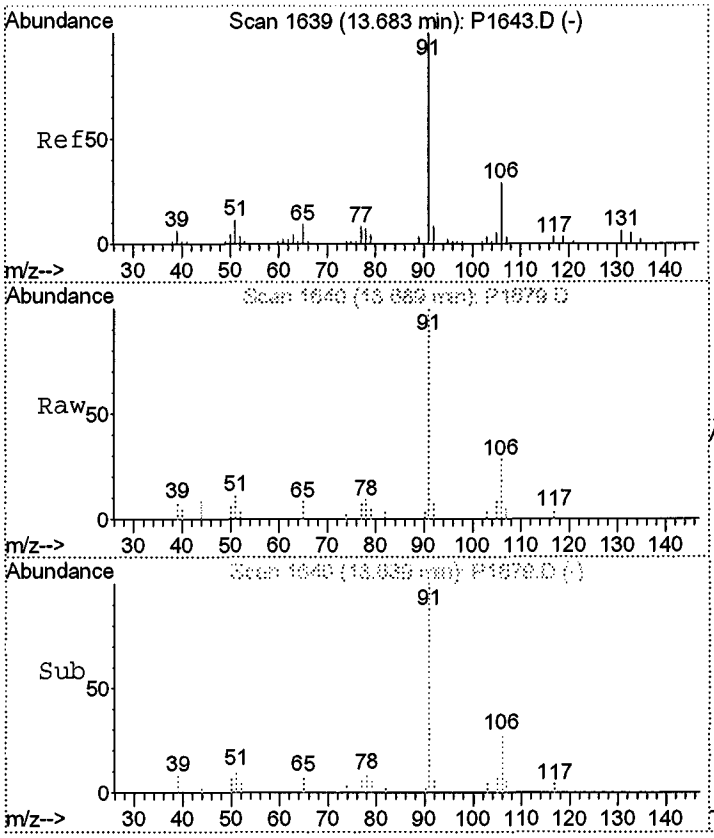


#35
C256 Cyclohexane
Concen: 1.37 ng
RT: 8.95 min Scan# 861
Delta R.T. 0.01 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion: 56 Resp: 4053

Ion	Ratio	Lower	Upper
56	100		
69	11.1	24.4	36.6#
84	56.8	66.1	99.1#

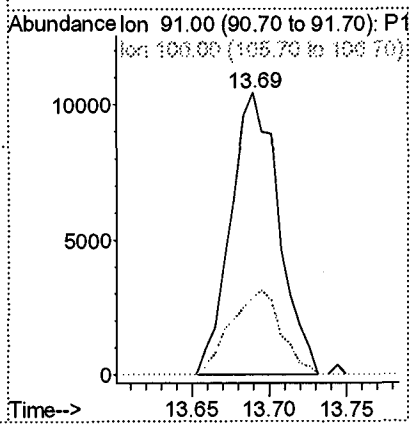


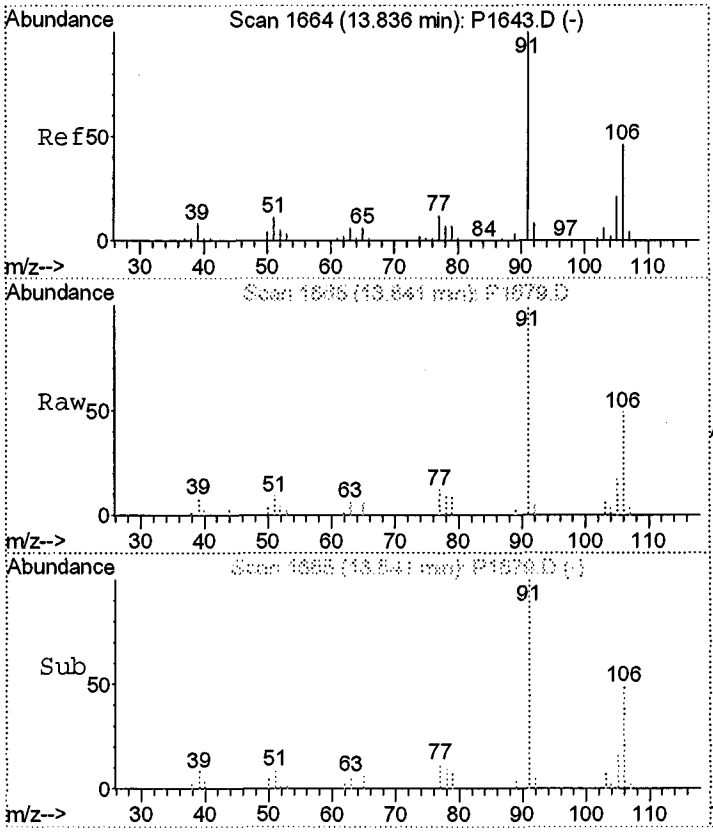


#57
C240 Ethylbenzene
Concen: 3.04 ng
RT: 13.69 min Scan# 1640
Delta R.T. 0.01 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion: 91 Resp: 22612

Ion	Ratio	Lower	Upper
91	100		
106	28.0	8.5	48.5

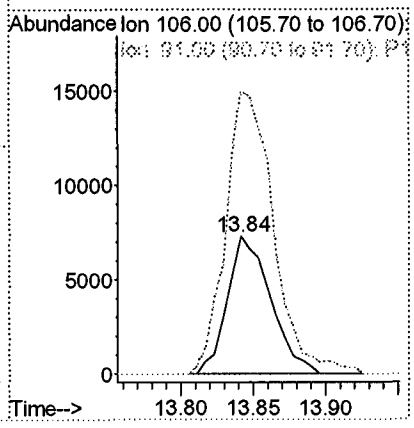


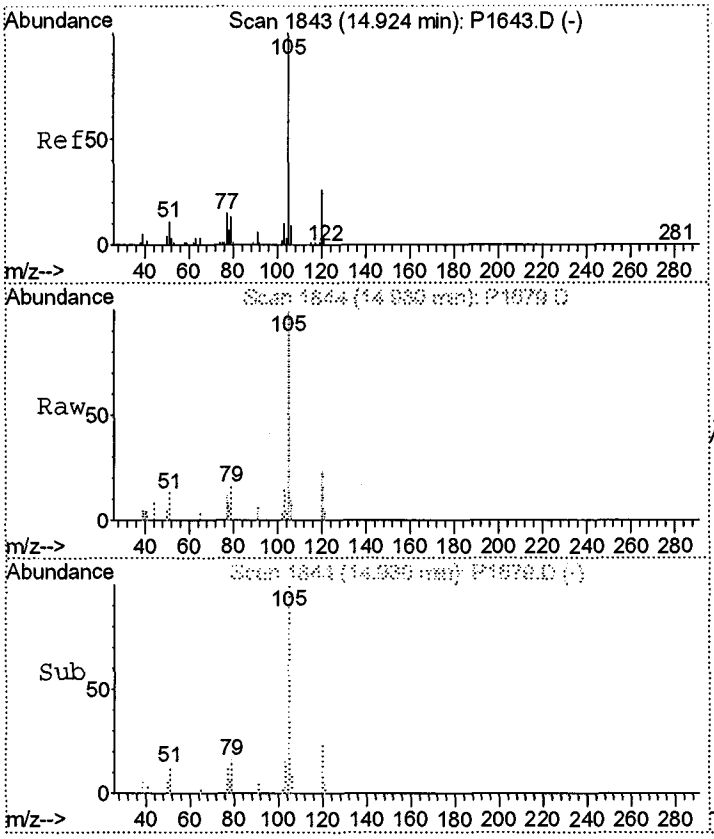


#58
C246 m,p-Xylene
Concen: 5.49 ng
RT: 13.84 min Scan# 1665
Delta R.T. 0.01 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion:106 Resp: 15230

Ion	Ratio	Lower	Upper
106	100		
91	204.4	191.5	231.5

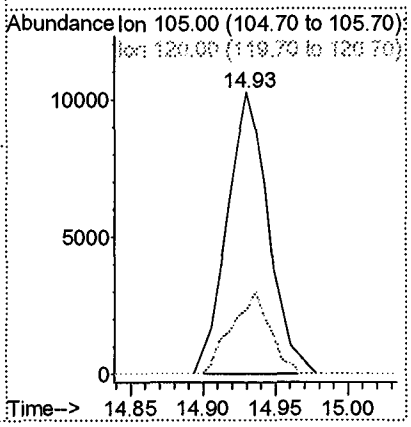


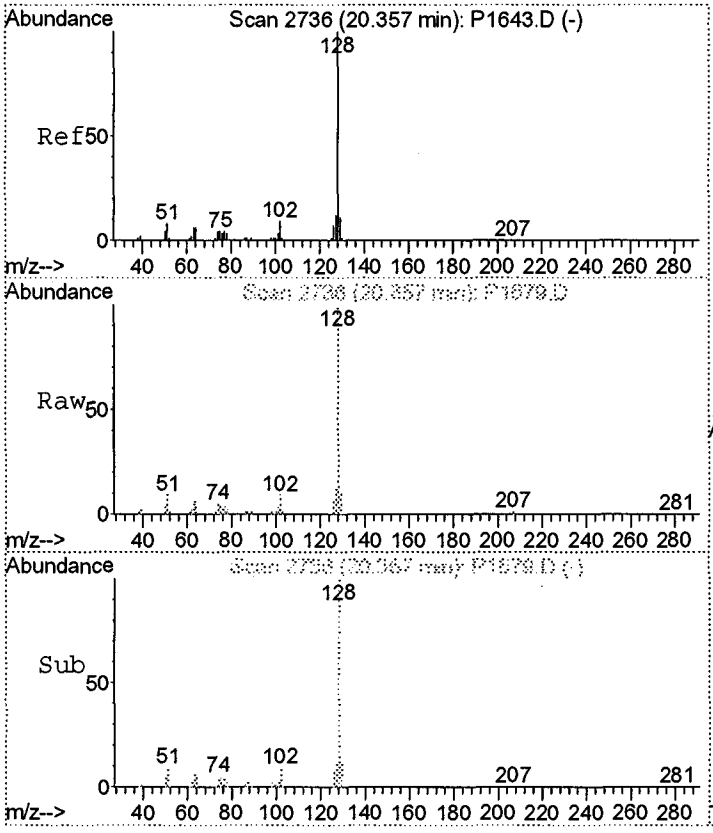


#64
C966 Isopropylbenzene
Concen: 2.80 ng
RT: 14.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion:105 Resp: 20366

Ion	Ratio	Lower	Upper
105	100		
120	22.8	3.1	43.1

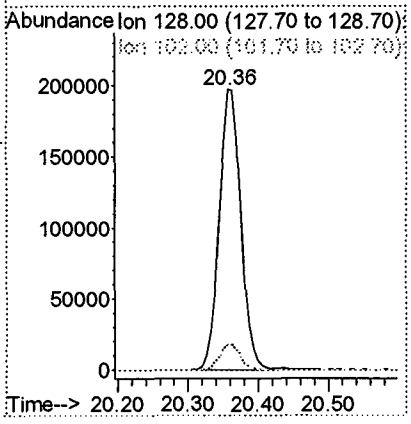




#84
C314 Naphthalene
Concen: 47.38 ng
RT: 20.36 min Scan# 2736
Delta R.T. -0.00 min
Lab File: P1679.D
Acq: 3 Oct 2008 3:27

Tgt Ion:128 Resp: 422978

Ion	Ratio	Lower	Upper
128	100		
102	8.9	0.0	29.4



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8717.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	6.1	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	160	E
156-60-5	trans-1,2-Dichloroethene	6.4	
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	160	E
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	58	
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	60	
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8717.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

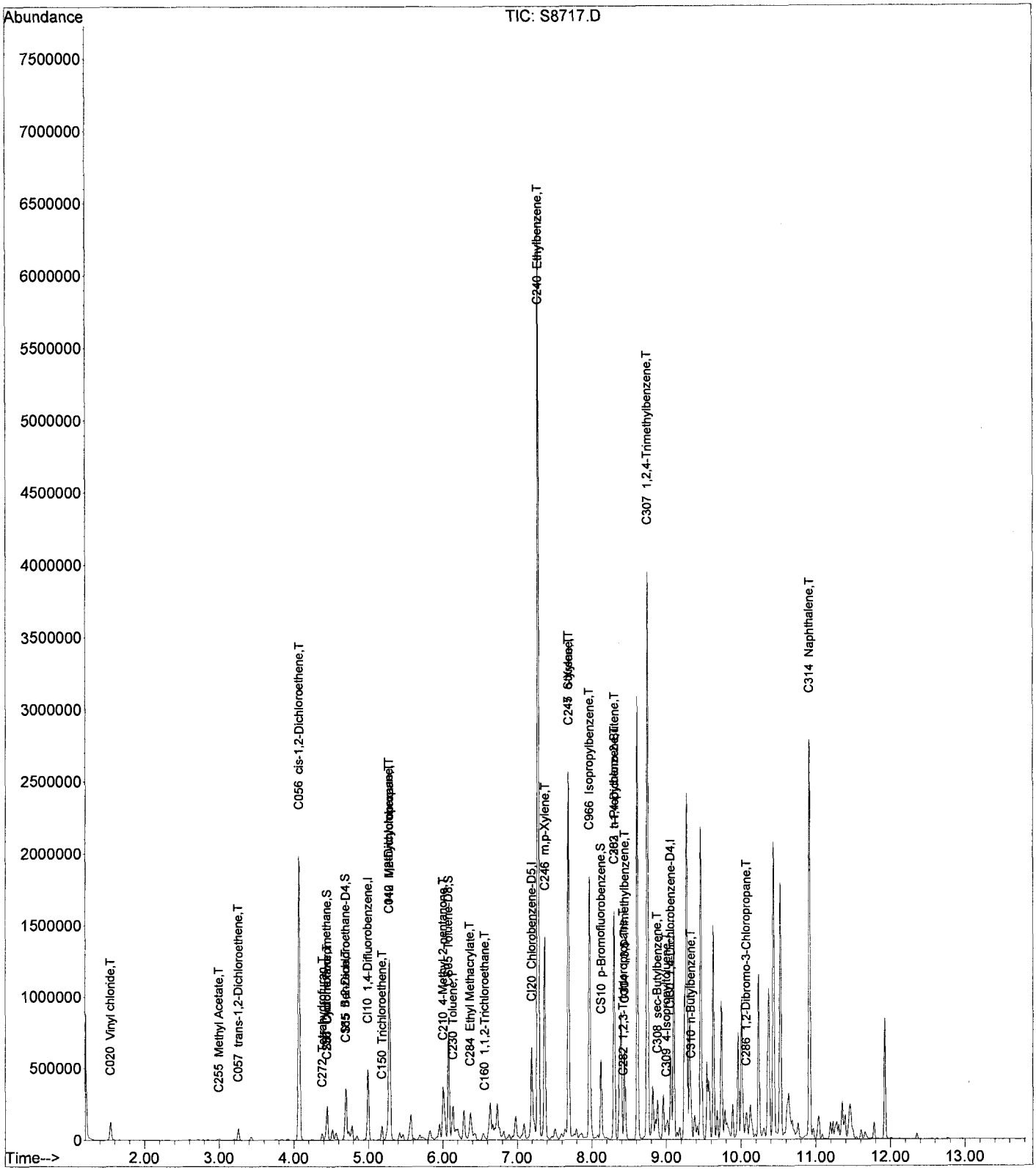
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	3.6	J
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	6.2	
75-01-4	Vinyl chloride	24	
1330-20-7	Total Xylenes	100	

Data File : D:\MSDCHEM\S\DATA\100808\S8717.D Vial: 21
Acq On : 8 Oct 2008 16:24 Operator: DHC
Sample : A8B79407 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:51 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (No Spaces Used)

Data File : D:\MSDCHEM\S\DATA\100808\S8717.D Vial: 21
Acq On : 8 Oct 2008 16:24 Operator: DHC
Sample : A8B79407 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:51 2008 Results File: A8I0000...IXPT.RES

RESHOOT DL x2

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SAS 10/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	290739	125.00	ng	0.00 103.55%
43) CI20	Chlorobenzene-D5	7.19	82	184156	125.00	ng	0.00 120.11%
63) CI30	1,4-Dichlorobenzene-	9.06	152	121780	125.00	ng	0.00 94.57%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	90147	125.24	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	100.19%	
31) CS15	1,2-Dichloroethane-D	4.69	65	110236	125.27	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	100.22%	
44) CS05	Toluene-D8	6.07	98	389147	102.37	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	81.90%	
62) CS10	p-Bromofluorobenzene	8.12	174	111884	107.33	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	85.86%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.54	62	113647	120.68	ng	88
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.59	96	873	N.D.		
9) C030	Methylene chloride	3.06	84	531	Below Cal	#	42
10) C040	Carbon disulfide	2.77	76	1339	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.74	43	575	N.D.		
14) C300	Acetonitrile	3.00	41	2352	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.26	96	27392	31.91	ng	96
19) C255	Methyl Acetate	~~3.00~~	~~43~~	~~5755~~	~~9.24~~	~~ng~~	# 56
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	696388	780.38	ng	97
24) C272	Tetrahydrofuran	~~4.38~~	~~42~~	~~6533~~	~~59.18~~	~~ng~~	# 47
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	4.43	83	798	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	105455	30.55	ng	97
33) C065	1,2-Dichloroethane	4.71	62	926	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	~~4.44~~	~~56~~	~~24102~~	~~16.82~~	~~ng~~	# 58
36) C150	Trichloroethene	5.18	95	26964	30.89	ng	87
37) C140	1,2-Dichloropropane	~~5.28~~	~~63~~	~~3784~~	~~4.70~~	~~ng~~	86
38) C278	Dibromomethane	5.56	93	316	N.D.		

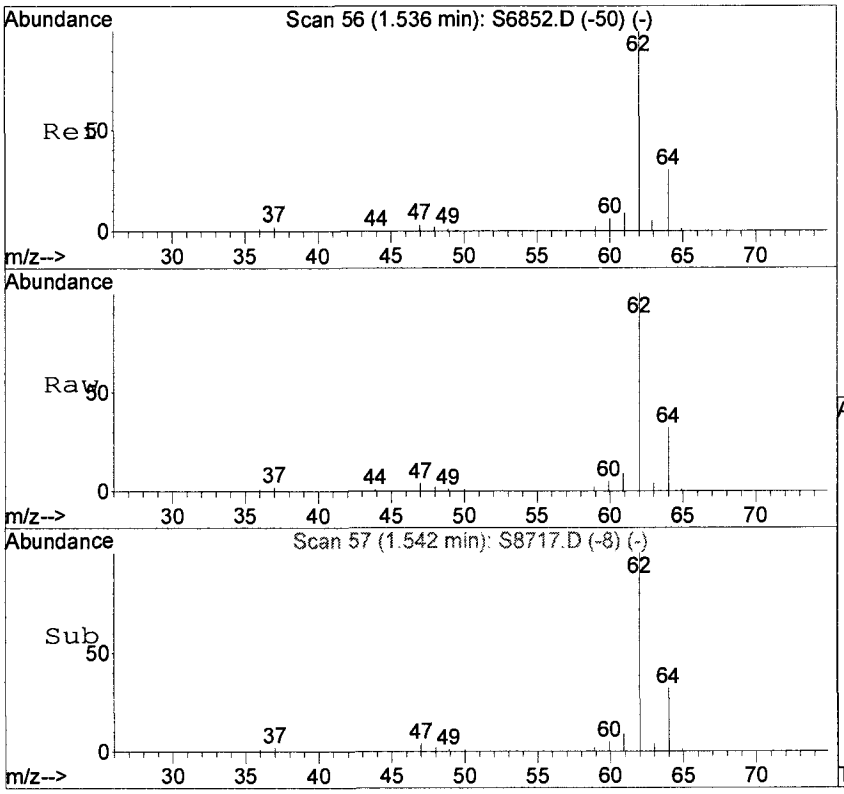
@ 10.17.08

Data File : D:\MSDCHEM\S\DATA\100808\S8717.D Via1: 21
Acq On : 8 Oct 2008 16:24 Operator: DHC
Sample : A8B79407 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:51 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	5.57	83	1120	N.D.			
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.			
41) C012	Methylcyclohexane	5.28	83	414699	300.15	ng		96
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
45) C230	Toluene	6.13	92	47269	17.78	ng		94
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
47) C284	Ethyl Methacrylate	6.37	69	13565	20.11	ng	#	28
48) C160	1,1,2-Trichloroethan	6.57	83	1413	2.55	ng	#	1
49) C210	4-Methyl-2-pentanone	6.01	43	10831	24.09	ng	#	40
50) C220	Tetrachloroethene	0.00	166	0	N.D.			
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
52) C155	Dibromochloromethа	0.00	129	0	N.D.			
53) C163	1,2-Dibromoethane	6.71	107	159	N.D.			
54) C215	2-Hexanone	6.63	43	1893	N.D.			
55) C235	Chlorobenzene	7.35	112	134	N.D.			
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
57) C240	Ethylbenzene	7.28	91	3938533	805.72	ng		93
58) C246	m,p-Xylene	7.37	106	300602	170.68	ng		88
59) C247	o-Xylene	7.69	106	538349	336.27	ng		84
60) C245	Styrene	7.69	104	29341	11.23	ng	#	1
61) C180	Bromoform	0.00	173	0	N.D.			
64) C966	Isopropylbenzene	7.97	105	1037104	288.67	ng		95
65) C301	Bromobenzene	0.00	156	0	N.D.			
66) C225	1,1,2,2-Tetrachlor	8.20	83	717	N.D.			
67) C282	1,2,3-Trichloropropa	8.42	110	741	4.30	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	51089	458.20	ng	#	1
69) C302	n-Propylbenzene	8.30	91	1068900	228.62	ng		94
70) C303	2-Chlorotoluene	0.00	126	0	N.D.			
71) C289	4-Chlorotoluene	0.00	126	0	N.D.			
72) C304	1,3,5-Trimethylbenze	8.44	105	279634	91.77	ng		97
73) C306	tert-Butylbenzene	8.70	134	1512	N.D.			
74) C307	1,2,4-Trimethylbenze	8.75	105	1788082	600.86	ng		93
75) C308	sec-Butylbenzene	8.88	105	94171	27.46	ng		93
76) C260	1,3-Dichlorobenzen	9.08	146	627	N.D.			
77) C309	4-Isopropyltoluene	8.99	119	41549	13.57	ng		92
78) C267	1,4-Dichlorobenzen	9.08	146	627	N.D.			
79) C249	1,2-Dichlorobenzen	9.39	146	143	N.D.			
80) C310	n-Butylbenzene	9.34	91	132786	49.16	ng		99
81) C286	1,2-Dibromo-3-Chloro	9.07	75	1136	16.74	ng	#	1
82) C313	1,2,4-Trichloroben	10.70	180	977	N.D.			
83) C316	Hexachlorobutadien	0.00	225	0	N.D.			
84) C314	Naphthalene	10.92	128	1812869	1115.00	ng	NM	96
85) C934	1,2,3-Trichloroben	11.11	180	142	N.D.			

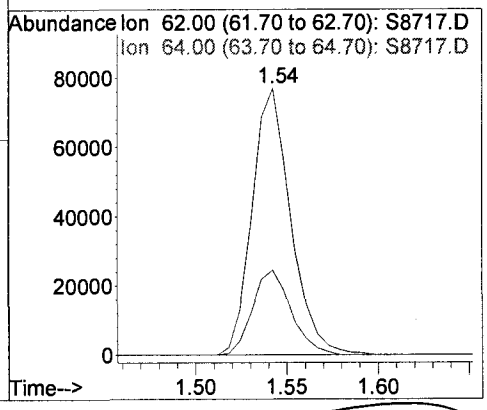
(#) = qualifier out of range (m) = manual integration (+) = signals summed

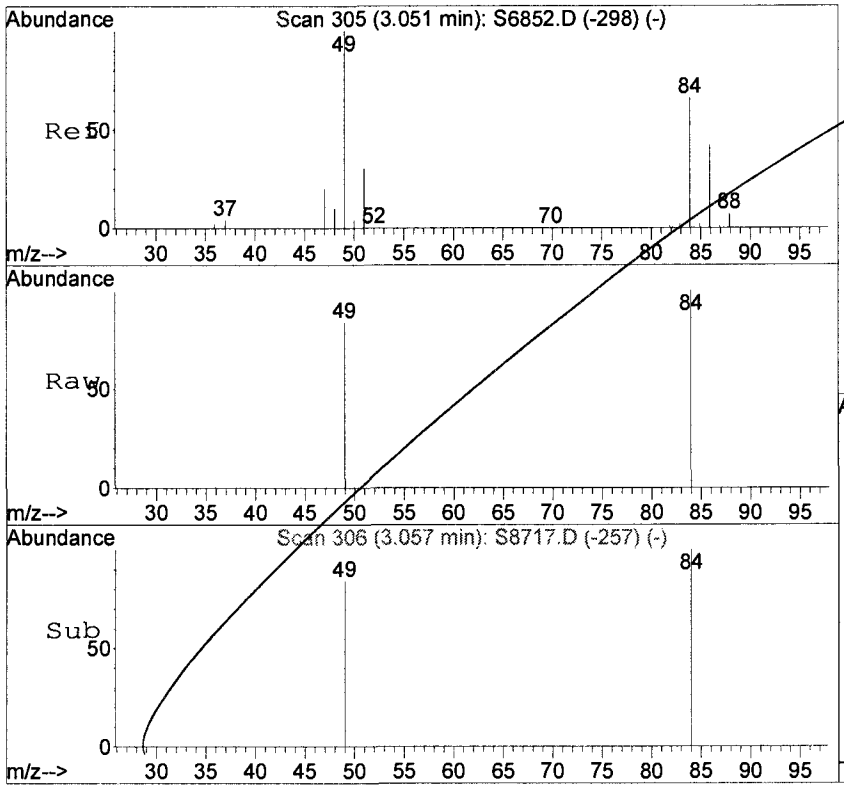


#4
C020 Vinyl chloride
Concen: 120.68 ng
RT: 1.54 min Scan# 57
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 62 Resp: 113647

Ion	Ratio	Lower	Upper
62	100		
64	31.9	9.4	69.4

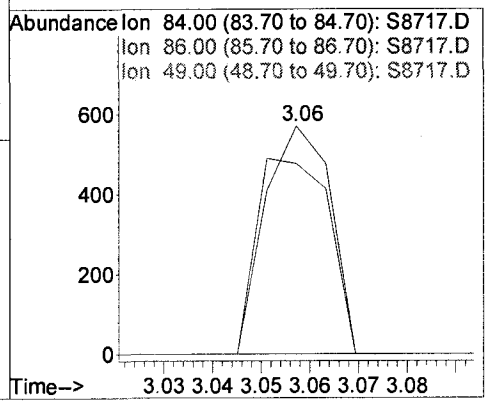


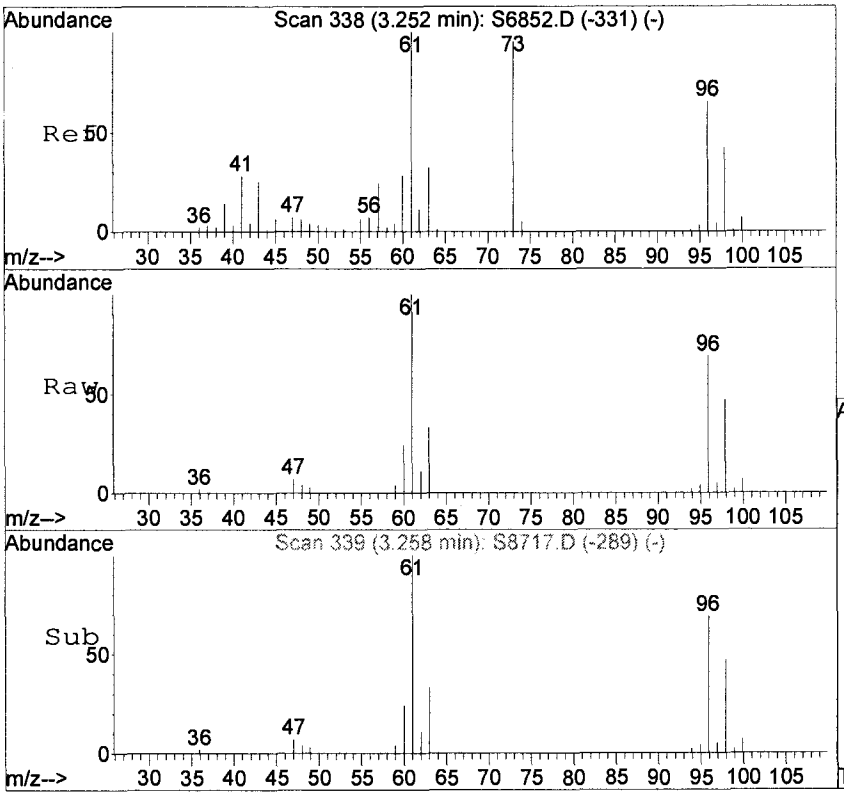


#9
C030 Methylene chloride
Concen: Below Cal
RT: 3.06 min Scan# 306
Delta R.T 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 84 Resp: 531

Ion	Ratio	Lower	Upper
84	100		
86	0.0	31.9	91.9#
49	83.5	112.6	172.6#

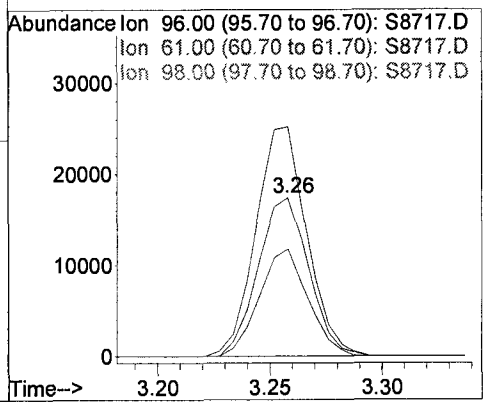


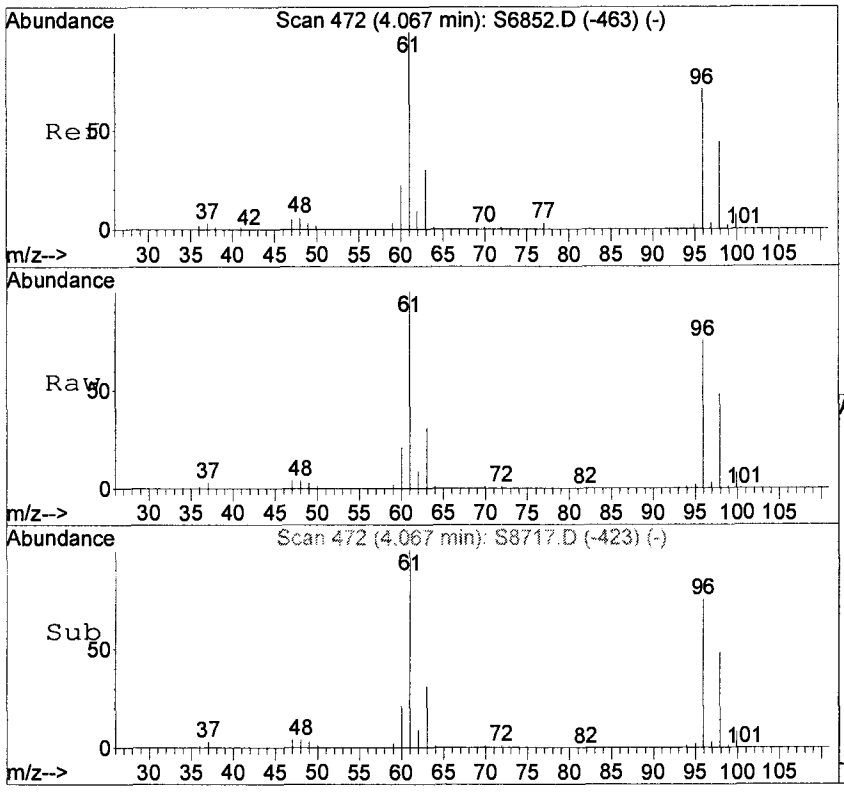


#18
C057 trans-1,2-Dichloroethene
Concen: 31.91 ng
RT: 3.26 min Scan# 339
Delta R.T. 0.01 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 96 Resp: 27392

Ion	Ratio	Lower	Upper
96	100		
61	145.0	111.5	171.5
98	67.6	33.0	93.0

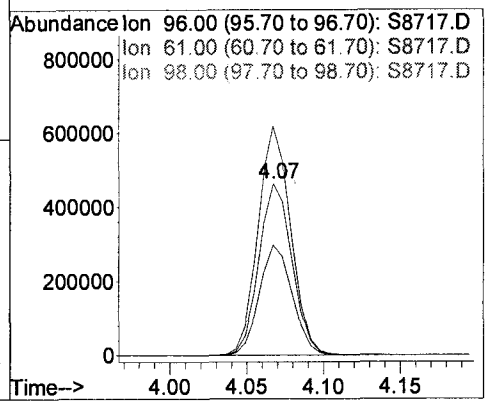


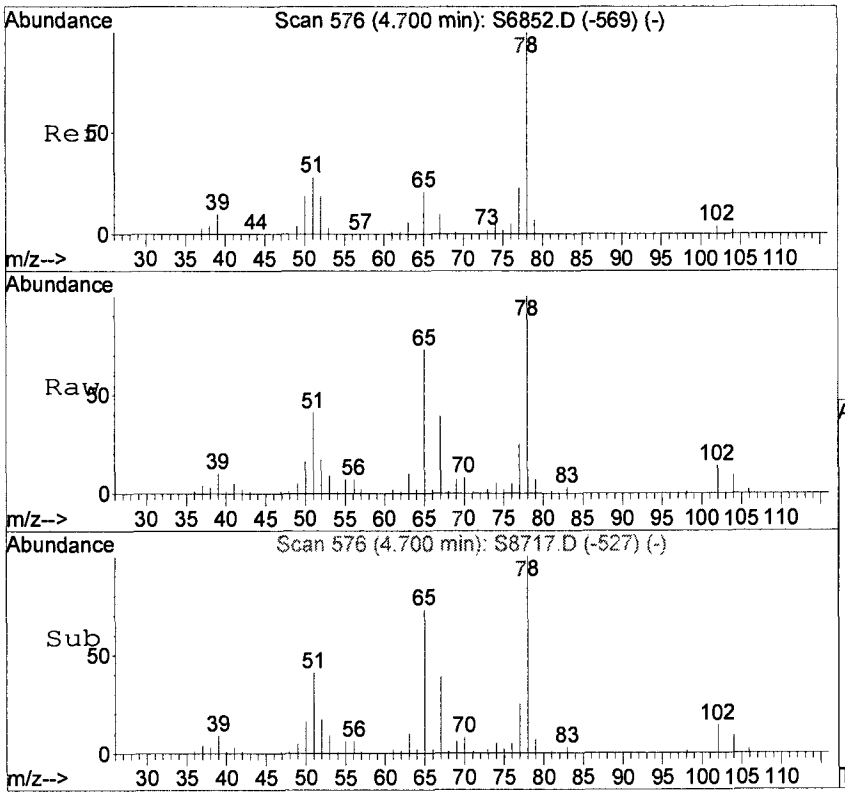


#23
C056 cis-1,2-Dichloroethene
Concen: 780.38 ng
RT: 4.07 min Scan# 472
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 96 Resp: 696388

Ion	Ratio	Lower	Upper
96	100		
61	133.7	99.9	159.9
98	64.4	31.8	91.8

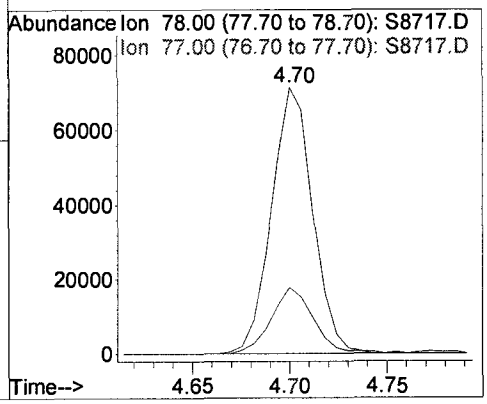


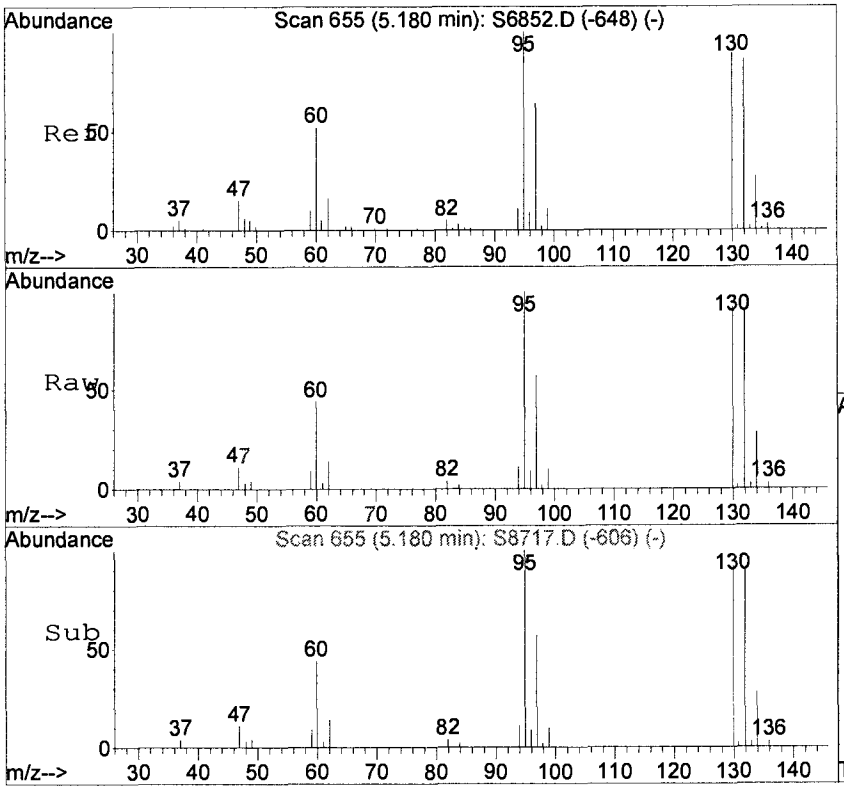


#32
C165 Benzene
Concen: 30.55 ng
RT: 4.70 min Scan# 576
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 78 Resp: 105455

Ion	Ratio	Lower	Upper
78	100		
77	24.9	0.0	53.3

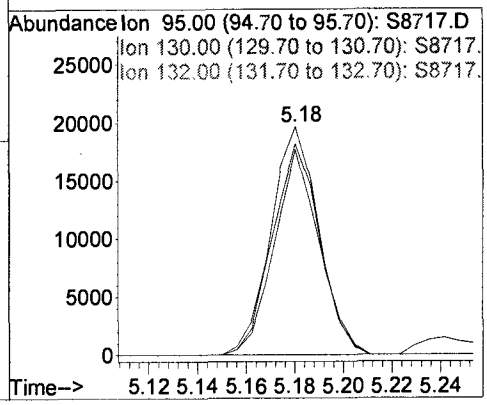


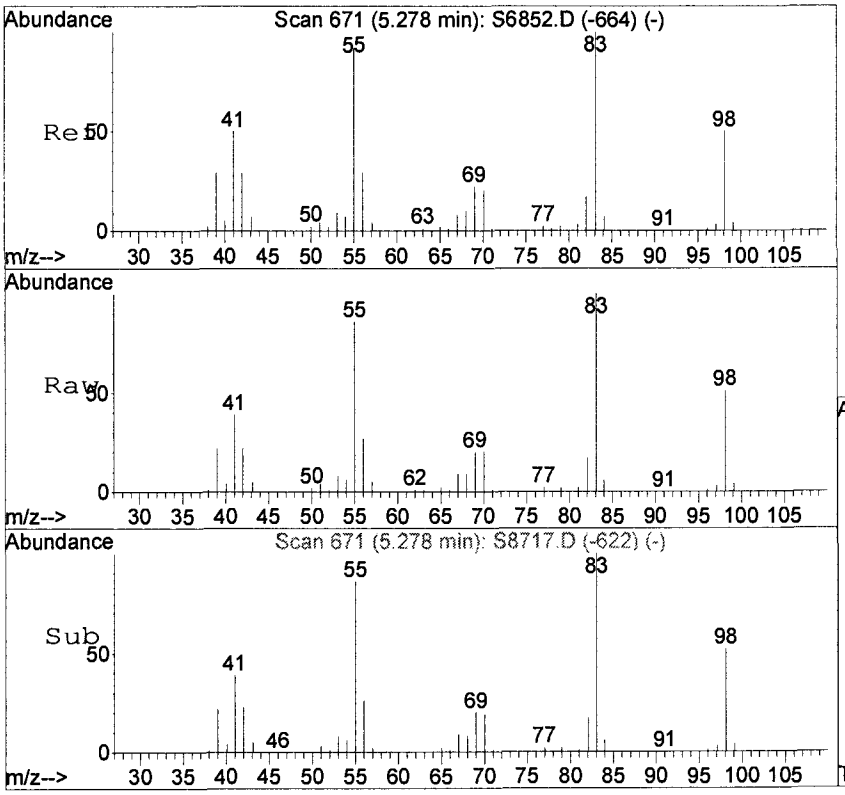


#36
C150 Trichloroethene
Concen: 30.89 ng
RT: 5.18 min Scan# 655
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 95 Resp: 26964

Ion	Ratio	Lower	Upper
95	100		
130	94.7	77.6	137.6
132	89.9	72.8	132.8

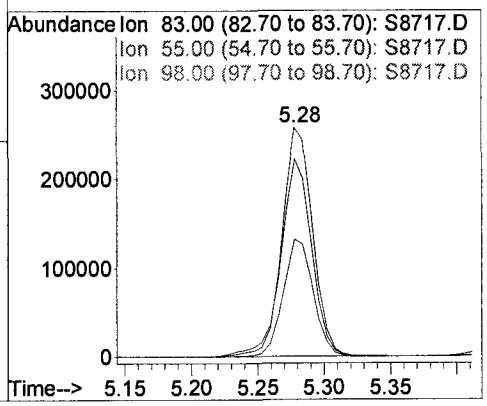


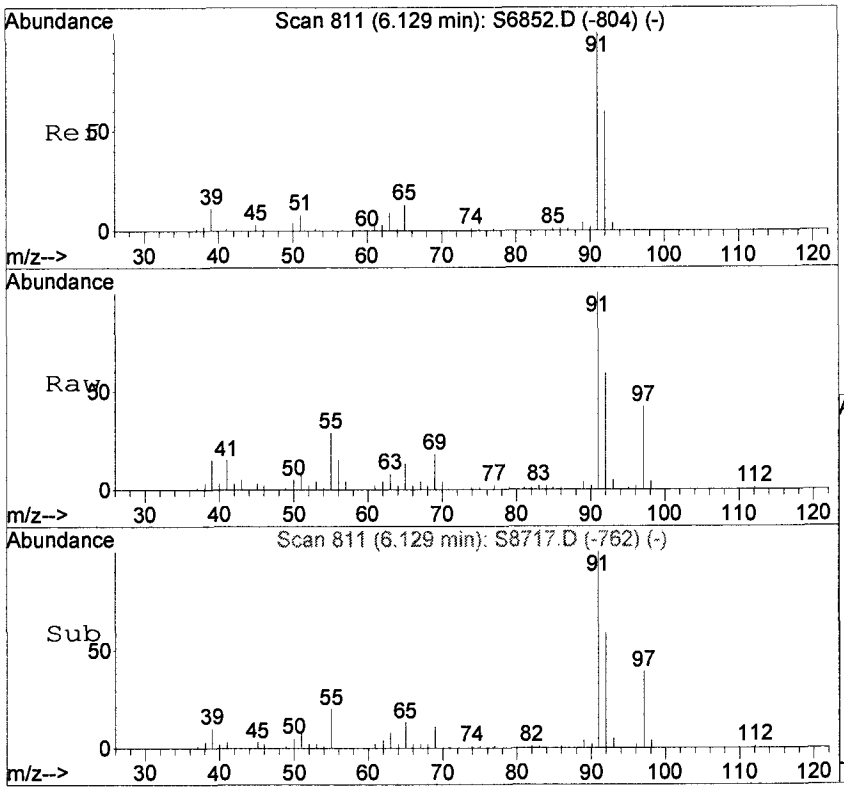


#41
C012 Methylcyclohexane
Concen: 300.15 ng
RT: 5.28 min Scan# 671
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 83 Resp: 414699

Ion	Ratio	Lower	Upper
83	100		
55	87.5	65.8	98.6
98	50.4	40.2	60.4

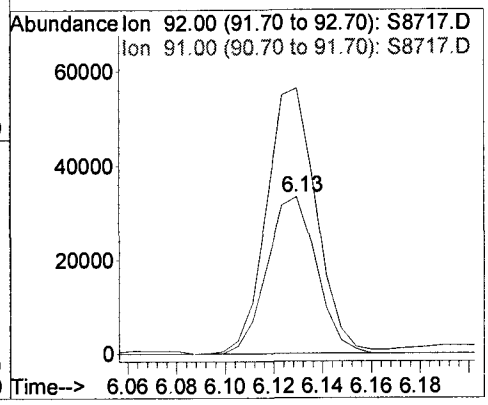


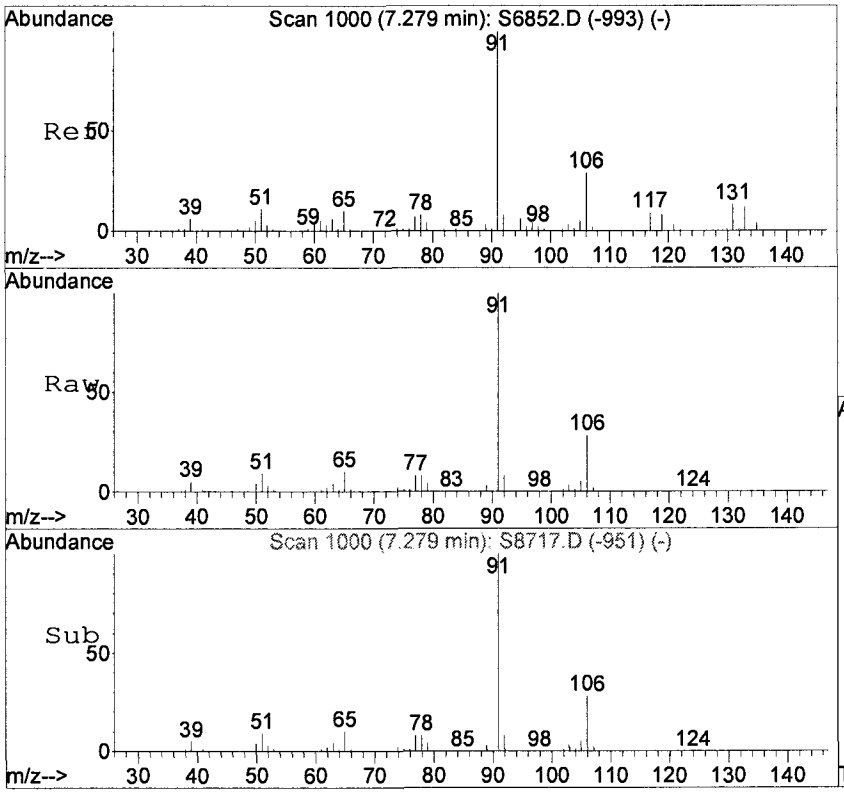


#45
C230 Toluene
Concen: 17.78 ng
RT: 6.13 min Scan# 811
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 92 Resp: 47269

Ion	Ratio	Lower	Upper
92	100		
91	168.8	131.1	191.1

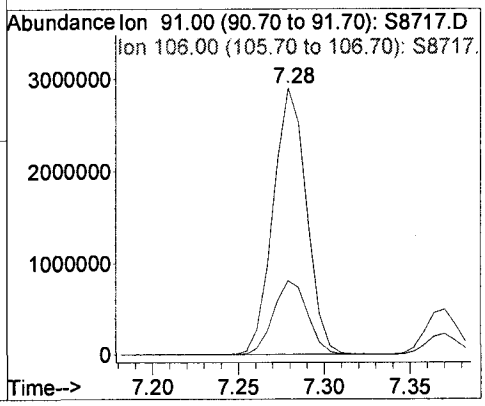


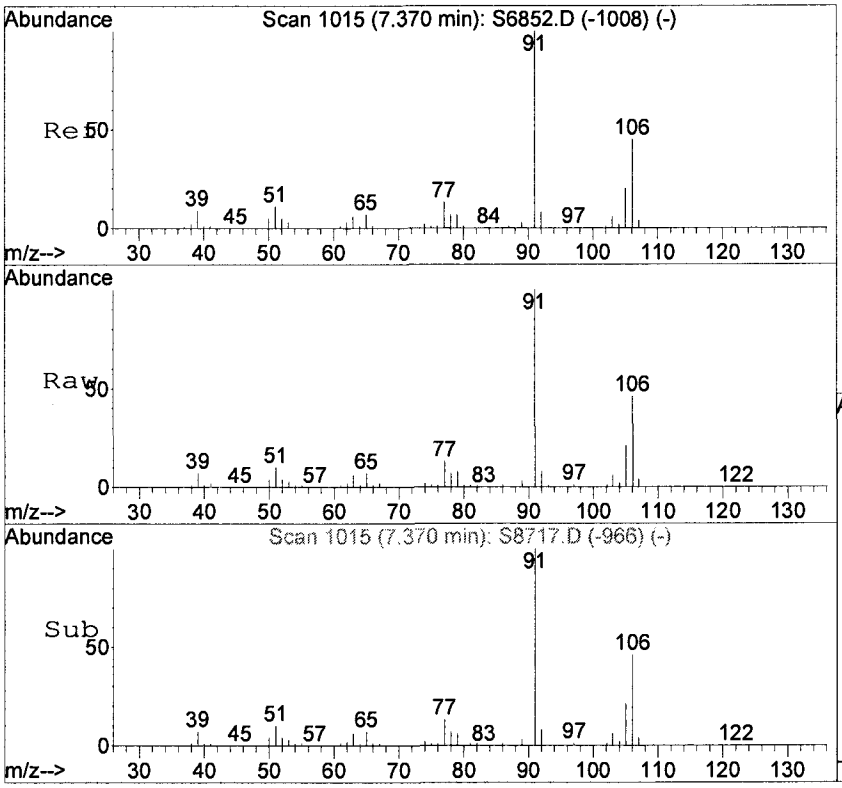


#57
C240 Ethylbenzene
Concen: 805.72 ng
RT: 7.28 min Scan# 1000
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 91 Resp: 3938533

Ion	Ratio	Lower	Upper
91	100		
106	27.8	1.6	61.6

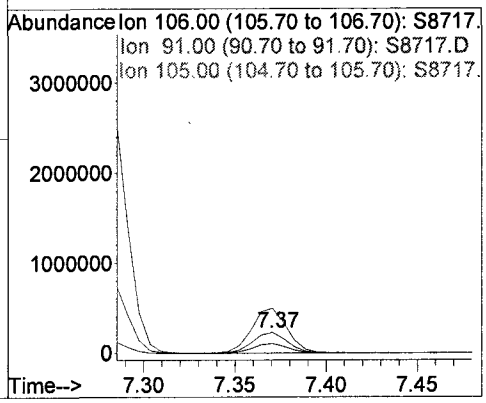


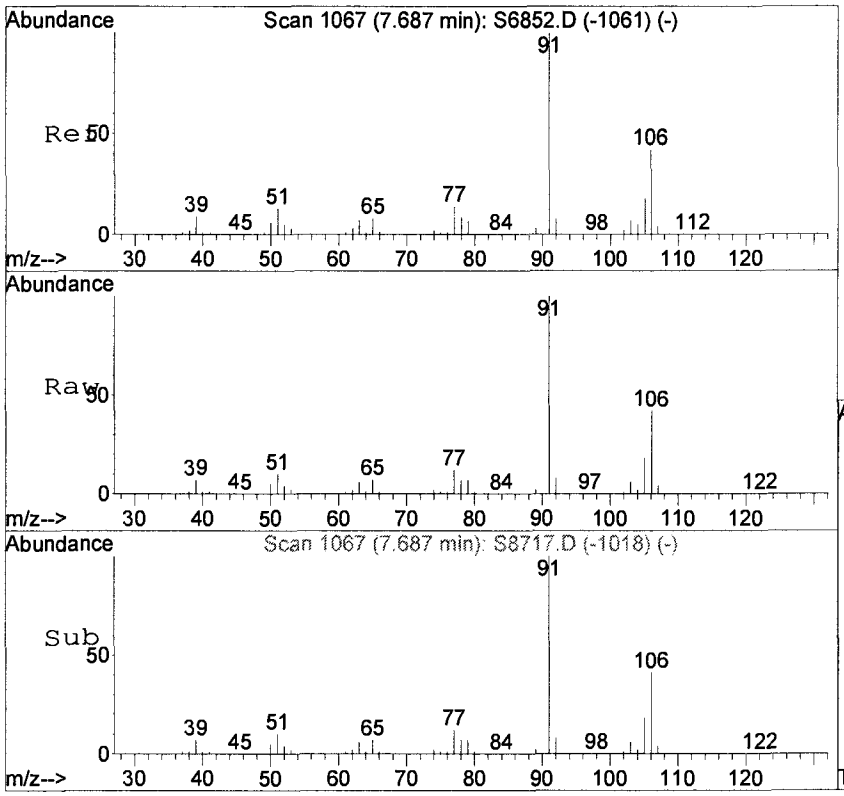


#58
C246 m,p-Xylene
Concen: 170.68 ng
RT: 7.37 min Scan# 1015
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:106 Resp: 300602

Ion	Ratio	Lower	Upper
106	100		
91	218.7	167.2	227.2
105	46.9	15.1	75.1

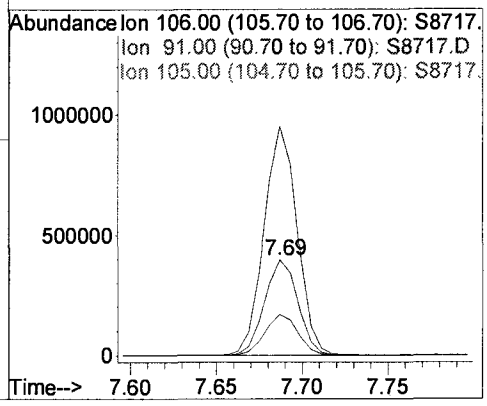


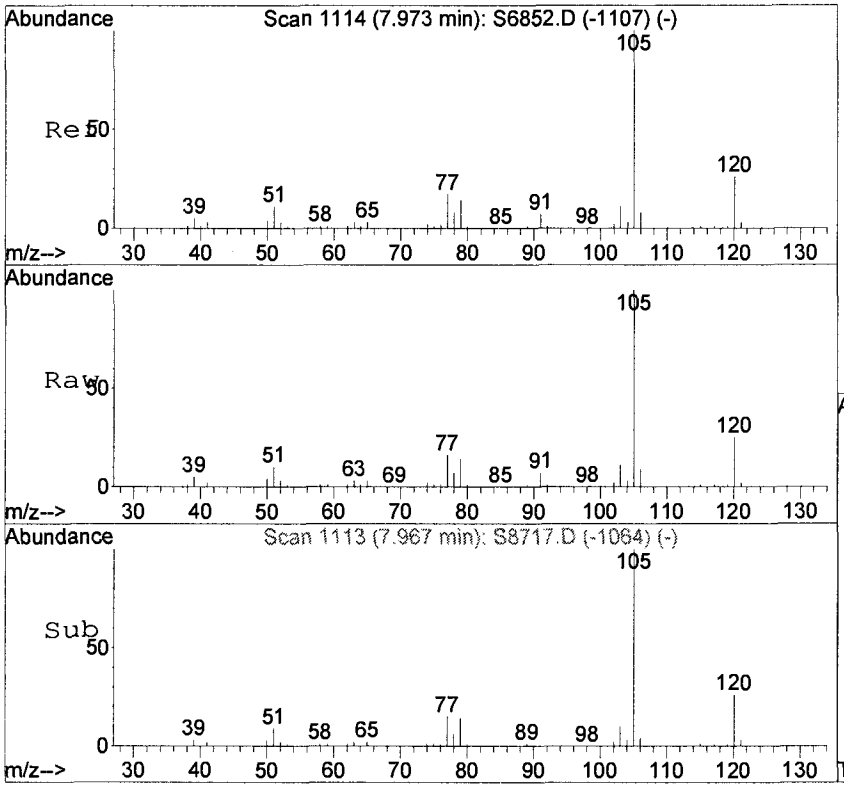


#59
C247 o-Xylene
Concen: 336.27 ng
RT: 7.69 min Scan# 1067
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:106 Resp: 538349

Ion	Ratio	Lower	Upper
106	100		
91	239.1	179.4	239.4
105	42.5	15.7	75.7

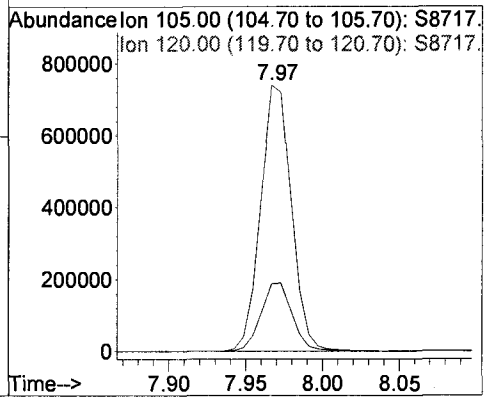


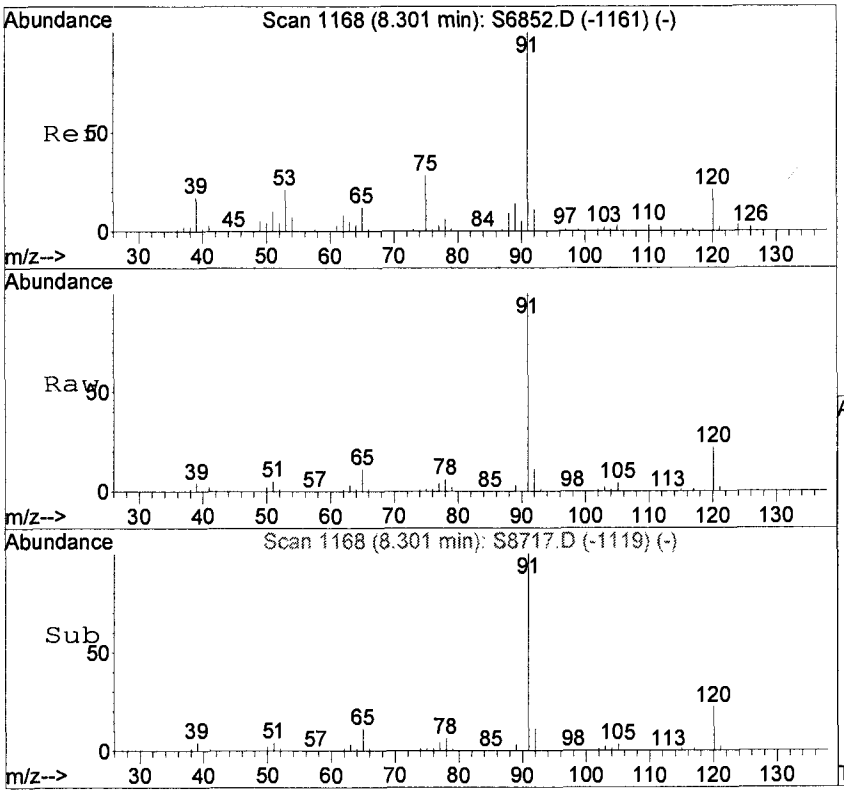


#64
C966 Isopropylbenzene
Concen: 288.67 ng
RT: 7.97 min Scan# 1113
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:105 Resp: 1037104

Ion	Ratio	Lower	Upper
105	100		
120	25.4	0.0	58.1

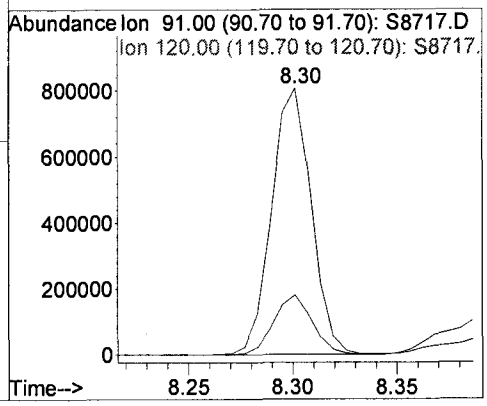


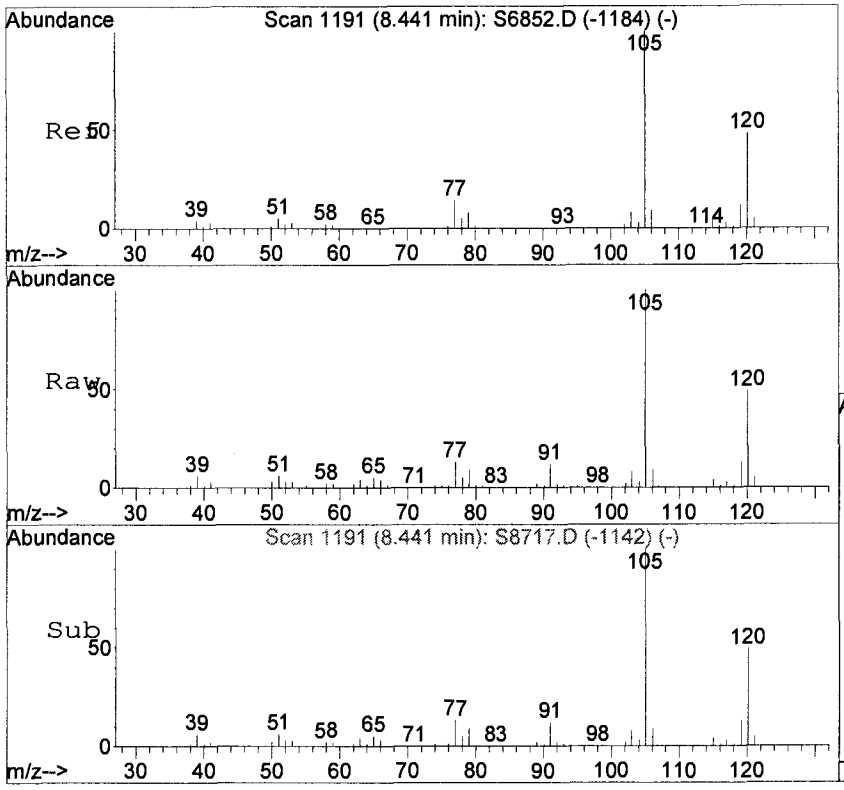


#69
C302 n-Propylbenzene
Concen: 228.62 ng
RT: 8.30 min Scan# 1168
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 91 Resp: 1068900

Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	55.5

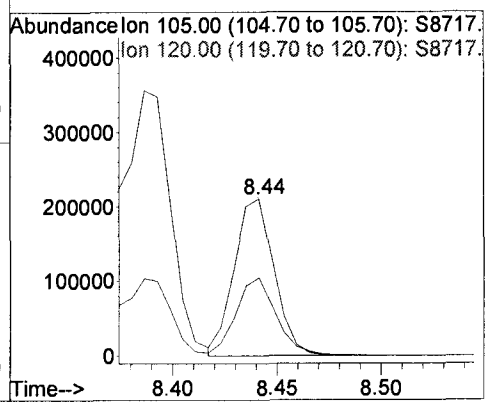


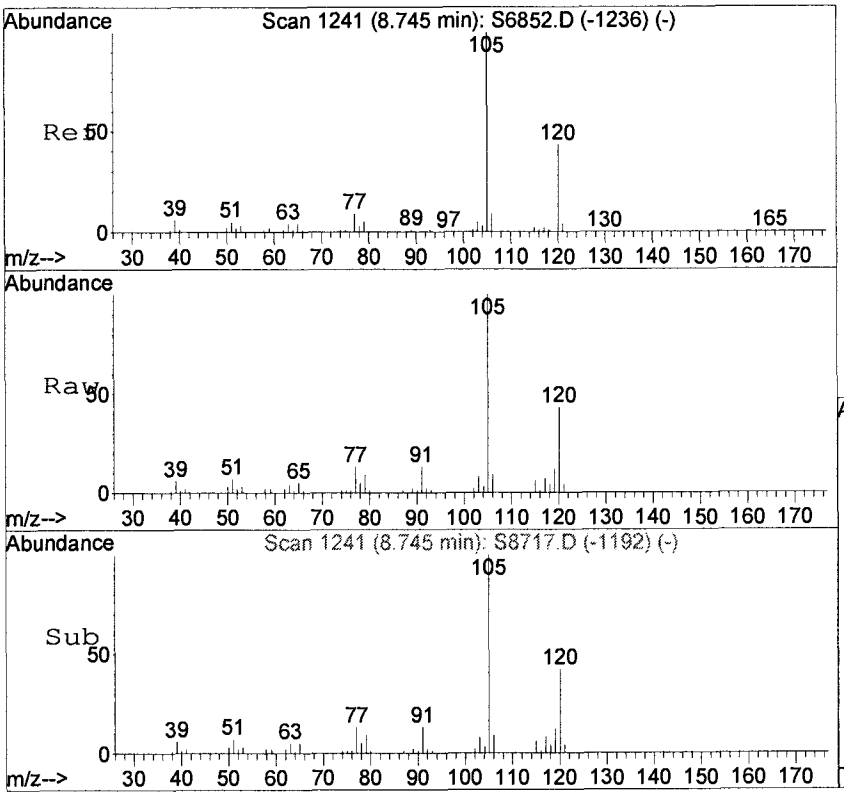


#72
C304 1,3,5-Trimethylbenzene
Concen: 91.77 ng
RT: 8.44 min Scan# 1191
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:105 Resp: 279634

Ion	Ratio	Lower	Upper
105	100		
120	49.5	21.2	81.2

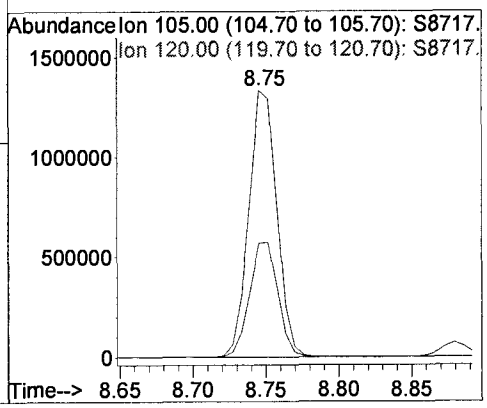


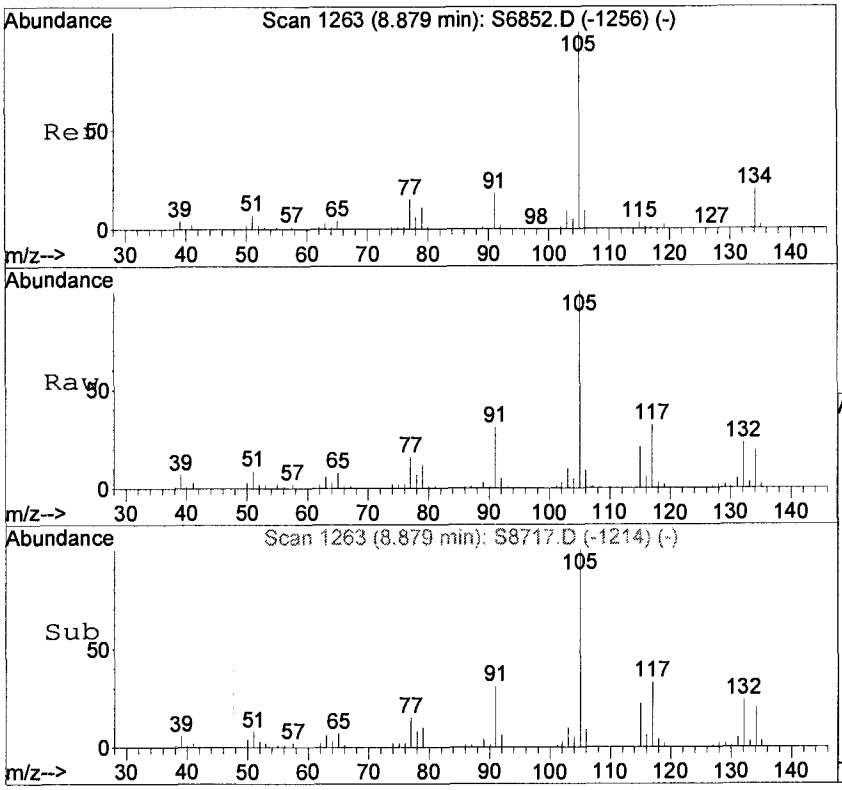


#74
C307 1,2,4-Trimethylbenzene
Concen: 600.86 ng
RT: 8.75 min Scan# 1241
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:105 Resp: 1788082

Ion	Ratio	Lower	Upper
105	100		
120	42.7	17.1	77.1

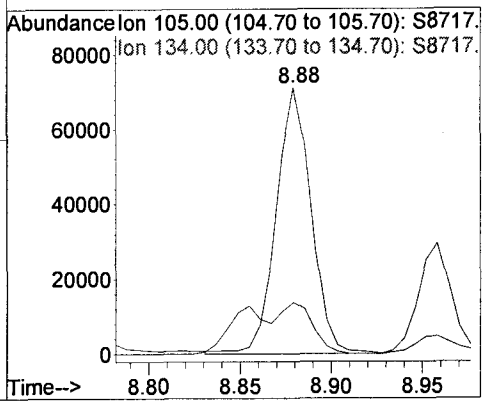


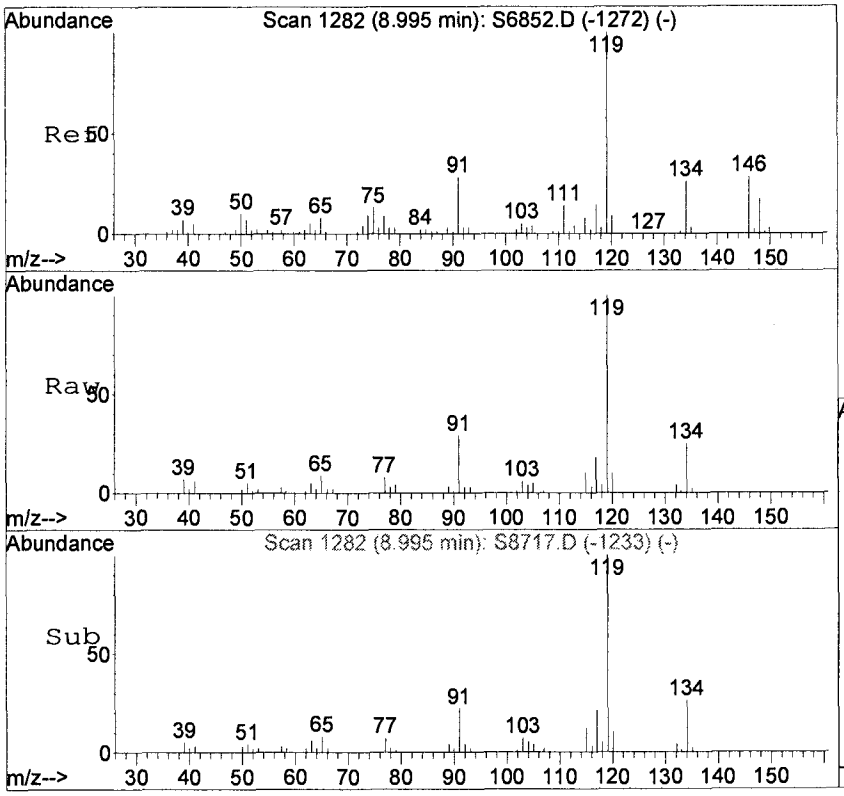


#75
C308 sec-Butylbenzene
Concen: 27.46 ng
RT: 8.88 min Scan# 1263
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:105 Resp: 94171

Ion	Ratio	Lower	Upper
105	100		
134	19.2	0.0	52.6

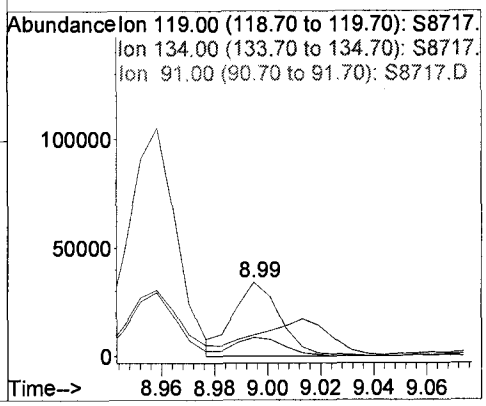


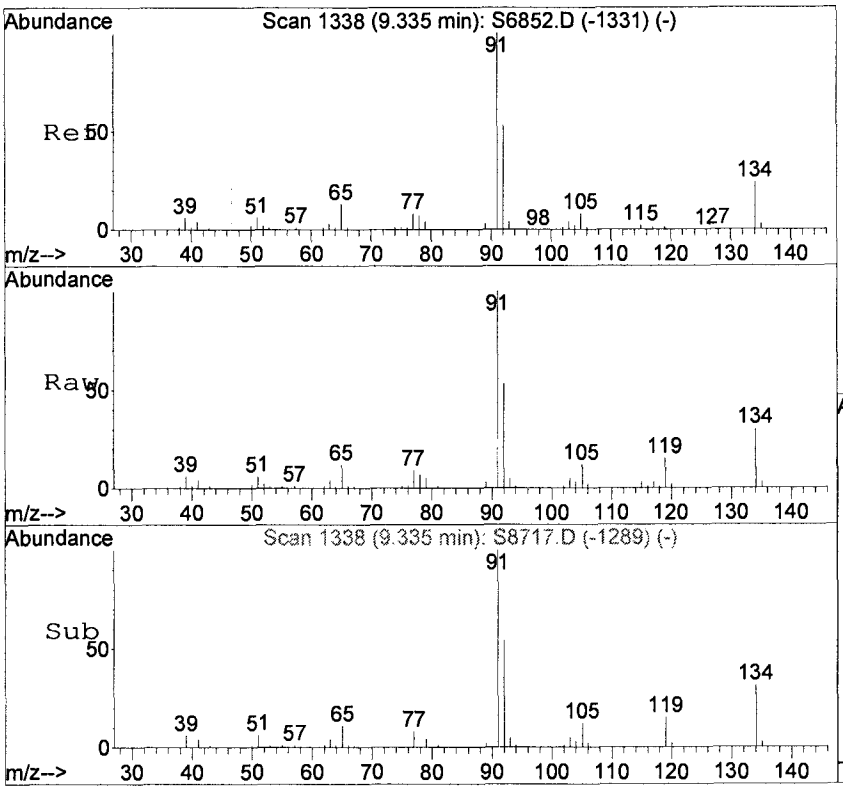


#77
C309 4-Isopropyltoluene
Concen: 13.57 ng
RT: 8.99 min Scan# 1282
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion:119 Resp: 41549

Ion	Ratio	Lower	Upper
119	100		
134	25.2	0.0	57.8
91	28.8	0.0	53.6

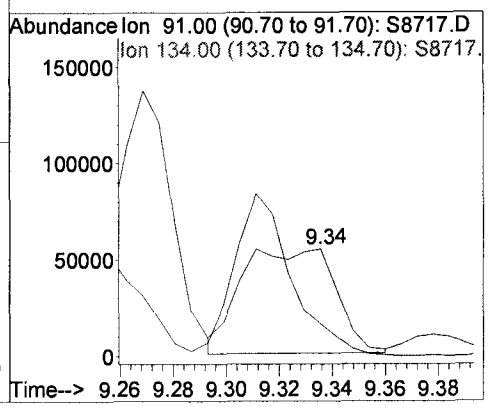




#80
C310 n-Butylbenzene
Concen: 49.16 ng
RT: 9.34 min Scan# 1338
Delta R.T. 0.00 min
Lab File: S8717.D
Acq: 8 Oct 2008 16:24

Tgt Ion: 91 Resp: 132786

Ion	Ratio	Lower	Upper
91	100		
134	29.9	0.0	59.4



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0133.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	40	U
71-43-2	Benzene	6.5	DJ
75-27-4	Bromodichloromethane	10	U
75-25-2	Bromoform	10	U
74-83-9	Bromomethane	10	U
78-93-3	2-Butanone	20	U
75-15-0	Carbon Disulfide	20	U
56-23-5	Carbon Tetrachloride	10	U
108-90-7	Chlorobenzene	10	U
75-00-3	Chloroethane	10	U
67-66-3	Chloroform	10	U
74-87-3	Chloromethane	10	U
110-82-7	Cyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
124-48-1	Dibromochloromethane	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-34-3	1,1-Dichloroethane	10	U
107-06-2	1,2-Dichloroethane	10	U
75-35-4	1,1-Dichloroethene	10	U
156-59-2	cis-1,2-Dichloroethene	170	D
156-60-5	trans-1,2-Dichloroethene	6.7	DJ
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
100-41-4	Ethylbenzene	190	D
591-78-6	2-Hexanone	20	U
98-82-8	Isopropylbenzene	56	D
79-20-9	Methyl acetate	20	U
108-87-2	Methylcyclohexane	54	D
75-09-2	Methylene chloride	10	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0133.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

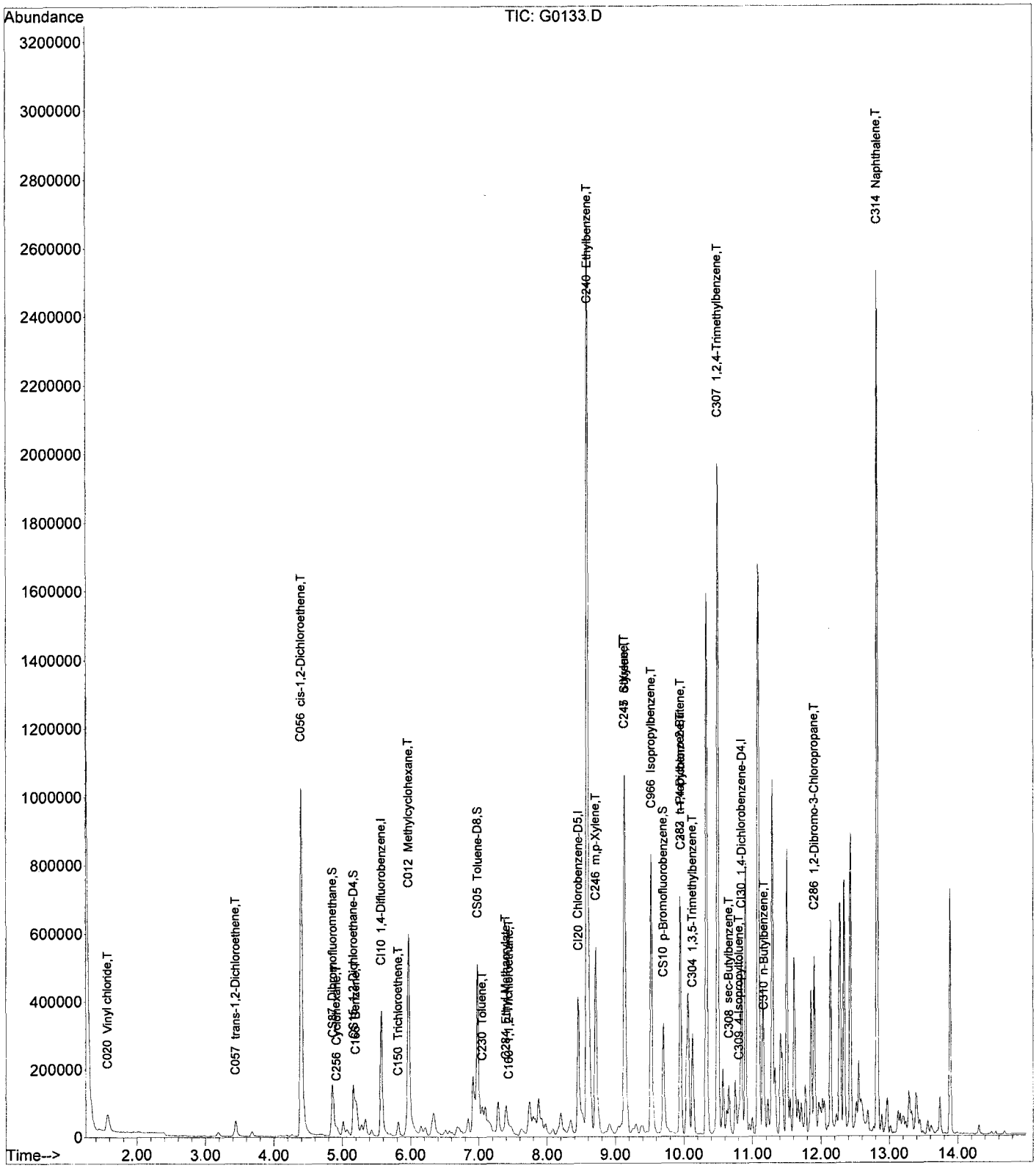
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 2.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	20	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
100-42-5	Styrene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	3.9	DJ
120-82-1	1,2,4-Trichlorobenzene	10	U
71-55-6	1,1,1-Trichloroethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
79-01-6	Trichloroethene	5.6	DJ
75-01-4	Vinyl chloride	26	D
1330-20-7	Total Xylenes	110	D

Data File : D:\MSDCHEM\G\DATA\100808\G0133.D Vial: 16
Acq On : 8 Oct 2008 22:57 Operator: ND
Sample : A8B79407DL DF2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 09 08:04:16 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Oct 09 08:03:46 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (No Title Specified)

Data File : D:\MSDCHEM\G\DATA\100808\G0133.D Vial: 16
Acq On : 8 Oct 2008 22:57 Operator: ND
Sample : A8B79407DL DF2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 09 08:04:16 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Oct 09 08:03:46 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

CT 10/9/08

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	382117	125.00	ng		0.00 99.33%
43) CI20	Chlorobenzene-D5	8.46	82	166825	125.00	ng		0.00 109.93%
63) CI30	1,4-Dichlorobenzene-	10.84	152	152251	125.00	ng		0.00 103.64%
System Monitoring Compounds								
26) CS87	Dibromofluoromethane	4.86	111	104450	125.76	NG		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	100.61%		
31) CS15	1,2-Dichloroethane-D	5.17	65	119052	128.97	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	103.18%		
44) CS05	Toluene-D8	6.98	98	419268	119.45	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	95.56%		
62) CS10	p-Bromofluorobenzene	9.70	174	109743	118.24	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	94.59%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.			
3) C010	Chloromethane	1.45	50	2619	N.D.			
4) C020	Vinyl chloride	1.57	62	101160	65.54	ng		85
5) C015	Bromomethane	1.86	94	392	Below Cal			73
6) C025	Chloroethane	1.98	64	232	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	2.70	96	1222	N.D.			
9) C030	Methylene chloride	3.20	84	6645	N.D.			
10) C040	Carbon disulfide	2.90	76	1663	N.D.			
11) C036	Acrolein	2.64	56	1710	N.D.			
12) C038	Acrylonitrile	0.00	53	0	N.D.			
13) C035	Acetone	2.79	43	2580	N.D.			
14) C300	Acetonitrile	3.07	41	147	N.D.			
15) C276	Iodomethane	0.00	142	0	N.D.			
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.			
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.			
18) C057	trans-1,2-Dichloroet	3.44	96	22212	16.84	ng		95
19) C255	Methyl Acetate	3.10	43	228	N.D.			
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.			
21) C125	Vinyl Acetate	3.89	43	65	N.D.			
22) C051	2,2-Dichloropropan	4.40	77	56	N.D.			
23) C056	cis-1,2-Dichloroethe	4.40	96	576109	423.78	ng		98
24) C272	Tetrahydrofuran	4.67	42	309	N.D.			
25) C222	Bromochloromethane	0.00	128	0	N.D.			
27) C060	Chloroform	4.72	83	464	N.D.			
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.			
29) C120	Carbon tetrachlori	0.00	117	0	N.D.			
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
32) C165	Benzene	5.20	78	78832	16.24	ng		99
33) C065	1,2-Dichloroethane	5.20	62	580	N.D.			
34) C110	2-Butanone	4.47	43	203	N.D.			
35) C256	Cyclohexane	4.92	56	17389	7.54	ng	#	58
36) C150	Trichloroethene	5.82	95	16160	14.14	ng		93
37) C140	1,2-Dichloropropan	6.03	63	62	N.D.			
38) C278	Dibromomethane	0.00	93	0	N.D.			

@ 10.4.08

Quantitation Report TA Buffalo (No[illegible]ed)

Data File : D:\MSDCHEM\G\DATA\100808\G0133.D Vial: 16
Acq On : 8 Oct 2008 22:57 Operator: ND
Sample : A8B79407DL DF2 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 09 08:04:16 2008 Results File: A8I0000...THPT.RES

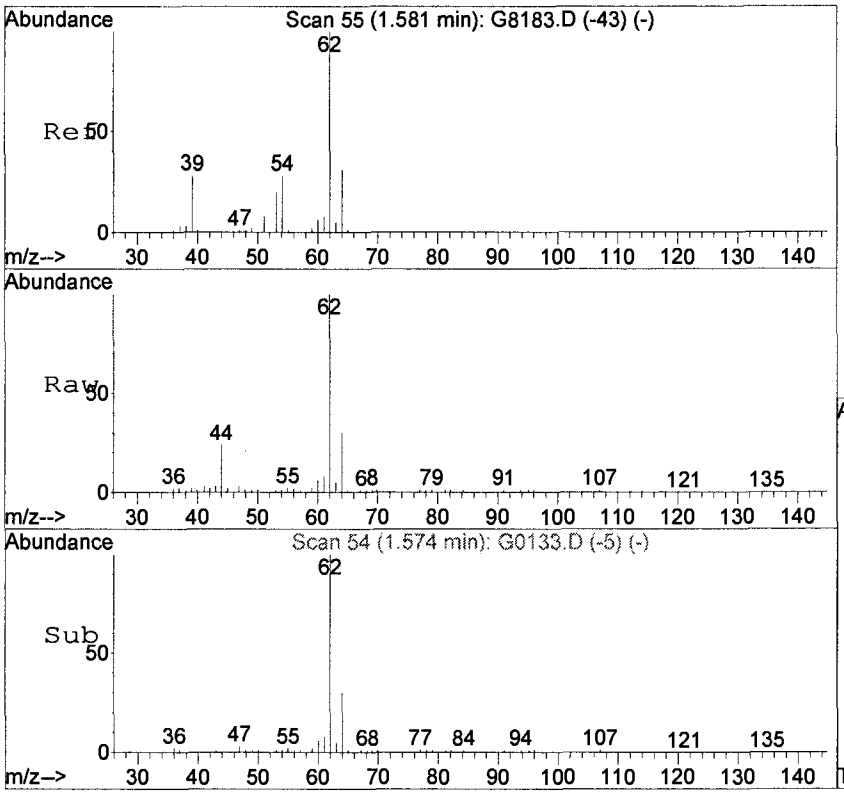
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Oct 09 08:03:46 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	6.31	83	228	N.D.			
40) C161	2-Chloroethylviny1	0.00	63	0	N.D.			
41) C012	Methylcyclohexane	5.97	83	285446	135.58	ng		93
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
45) C230	Toluene	7.05	92	30650	9.78	ng		92
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
47) C284	Ethyl Methacrylate	7.40	69	7857	4.96	ng	#	1
48) C160	1,1,2-Trichloroethan	7.45	83	2300	2.75	ng	#	65
49) C210	4-Methyl-2-pentano	7.03	43	241	N.D.			
50) C220	Tetrachloroethene	0.00	166	0	N.D.			
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
52) C155	Dibromochlorometha	0.00	129	0	N.D.			
53) C163	1,2-Dibromoethane	7.98	107	176	N.D.			
54) C215	2-Hexanone	7.70	43	179	N.D.			
55) C235	Chlorobenzene	8.56	112	76	N.D.			
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
57) C240	Ethylbenzene	8.59	91	2468290	465.76	ng		97
58) C246	m,p-Xylene	8.71	106	193306	91.13	ng		97
59) C247	o-Xylene	9.13	106	386694	181.89	ng		95
60) C245	Styrene	9.13	104	18994	5.55	ng	#	1
61) C180	Bromoform	0.00	173	0	N.D.			
64) C966	Isopropylbenzene	9.52	105	669830	139.67	ng		99
65) C301	Bromobenzene	0.00	156	0	N.D.			
66) C225	1,1,2,2-Tetrachlor	9.84	83	926	N.D.			
67) C282	1,2,3-Trichloropro	9.91	110	69	N.D.			
68) C283	t-1,4-Dichloro-2-But	9.95	51	30634	173.38	ng	#	1
69) C302	n-Propylbenzene	9.95	91	614582	106.18	ng		100
70) C303	2-Chlorotoluene	10.05	126	63	N.D.			
71) C289	4-Chlorotoluene	10.05	126	63	N.D.			
72) C304	1,3,5-Trimethylbenze	10.13	105	166357	41.83	ng		98
73) C306	tert-Butylbenzene	10.45	134	1501	N.D.			
74) C307	1,2,4-Trimethylbenze	10.50	105	1148592	288.17	ng		97
75) C308	sec-Butylbenzene	10.66	105	66227	14.14	ng		96
76) C260	1,3-Dichlorobenzen	10.87	146	778	N.D.			
77) C309	4-Isopropyltoluene	10.80	119	26405	6.25	ng		82
78) C267	1,4-Dichlorobenzen	10.87	146	778	N.D.			
79) C249	1,2-Dichlorobenzen	11.30	146	223	N.D.			
80) C310	n-Butylbenzene	11.18	91	77159	20.72	ng		58
81) C286	1,2-Dibromo-3-Chloro	11.90	75	2183	13.39	ng	#	1
82) C313	1,2,4-Trichloroben	12.61	180	350	N.D.			
83) C316	Hexachlorobutadien	12.74	225	58	N.D.			
84) C314	Naphthalene	12.82	128	1893270	698.59	ng		99
85) C934	1,2,3-Trichloroben	13.03	180	376	N.D.			

NUF

NUF

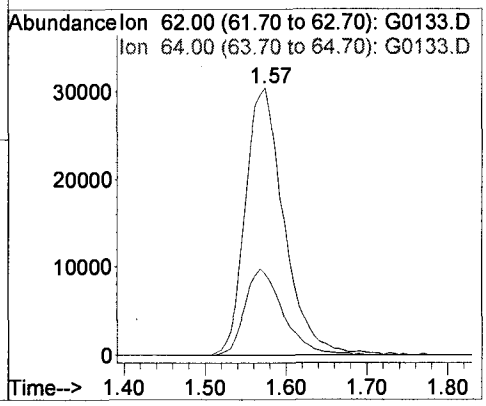
(#) = qualifier out of range (m) = manual integration (+) = signals summed

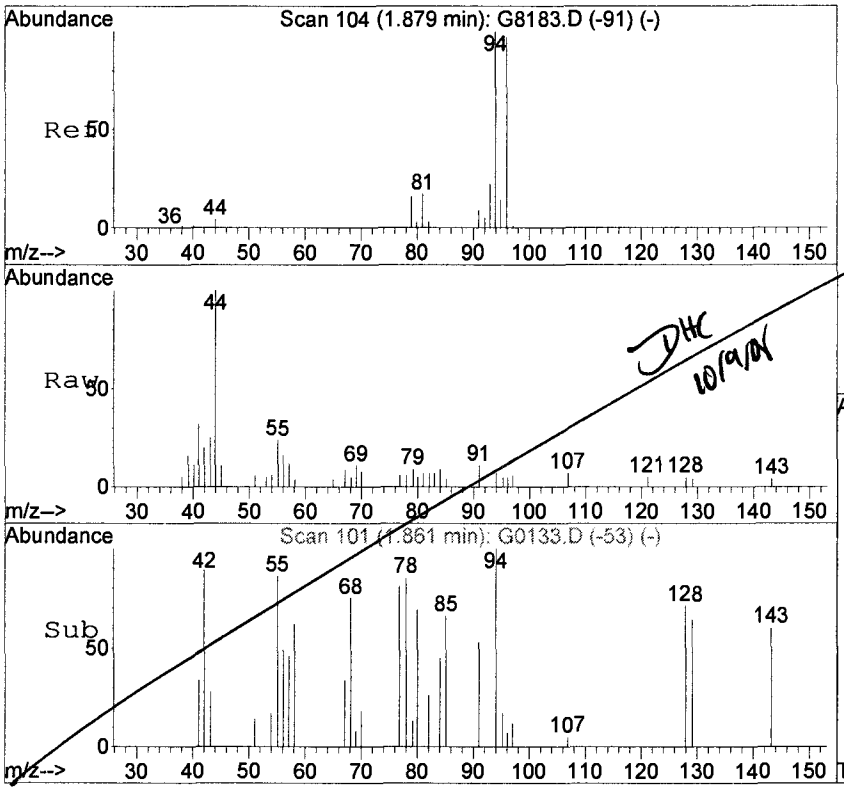


#4
C020 Vinyl chloride
Concen: 65.54 ng
RT: 1.57 min Scan# 54
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 62 Resp: 101160

Ion	Ratio	Lower	Upper
62	100		
64	30.3	9.4	69.4

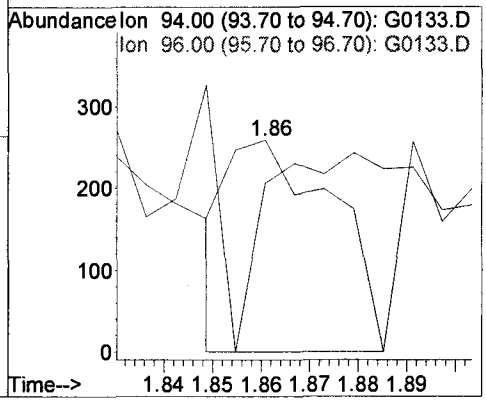




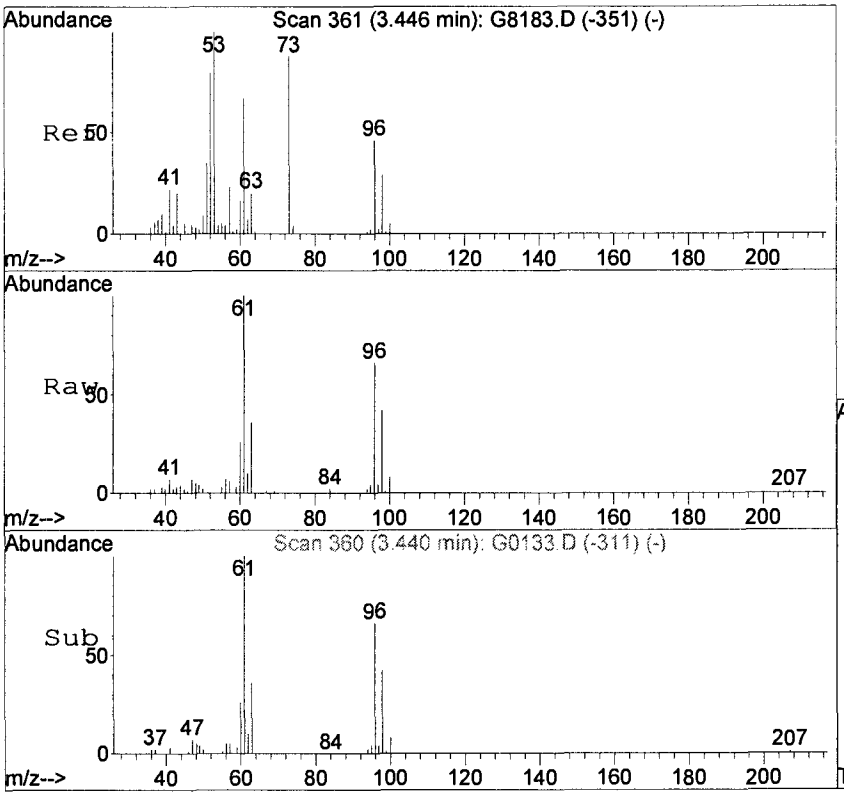
#5
C015 Bromomethane
Concen: Below Cal
RT: 1.86 min Scan# 101
Delta R.T. -0.01 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
96	79.5	77.9	137.9



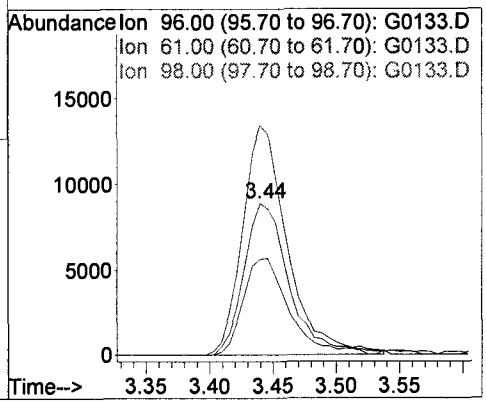
DHC 10/9/08

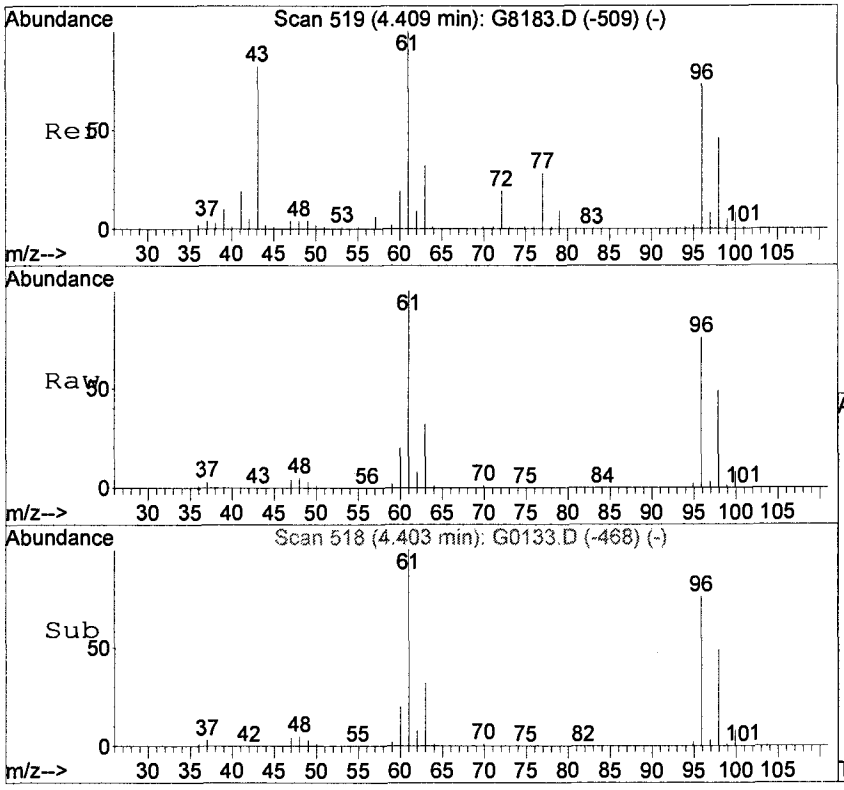


#18
C057 trans-1,2-Dichloroethene
Concen: 16.84 ng
RT: 3.44 min Scan# 360
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 96 Resp: 22212

Ion	Ratio	Lower	Upper
96	100		
61	150.9	111.5	171.5
98	63.2	33.0	93.0

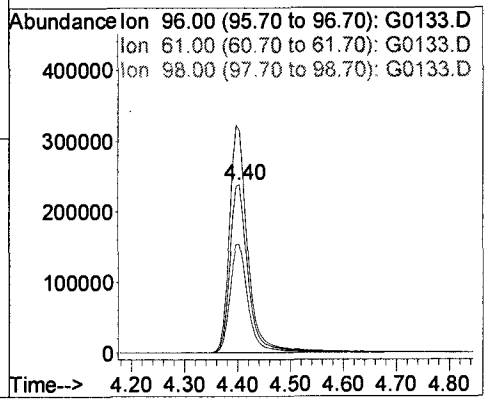


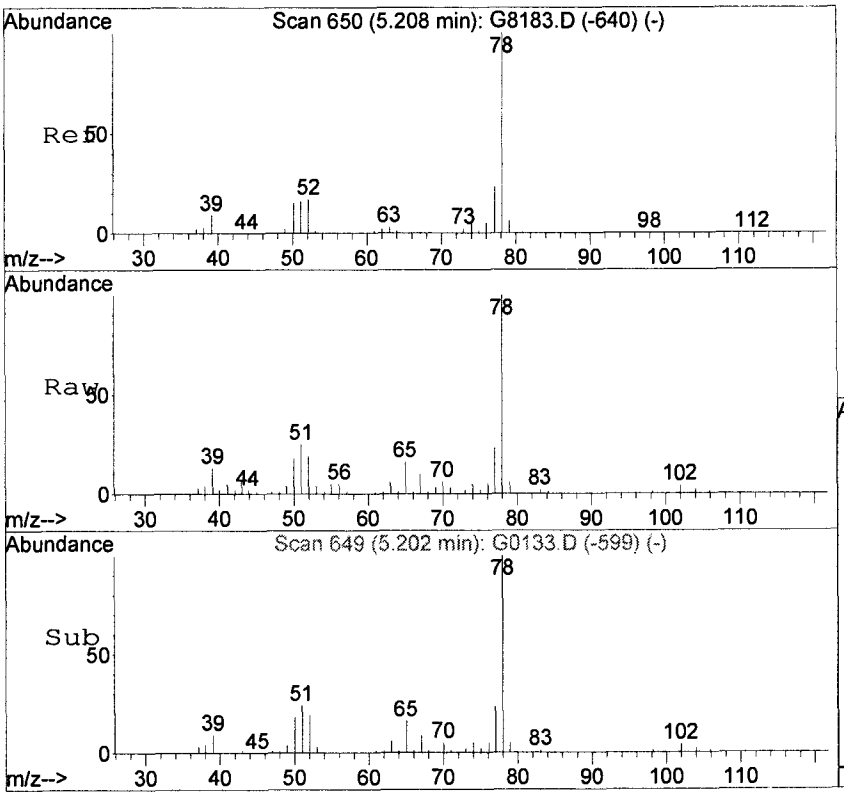


#23
C056 cis-1,2-Dichloroethene
Concen: 423.78 ng
RT: 4.40 min Scan# 518
Delta R.T. 0.01 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 96 Resp: 576109

Ion	Ratio	Lower	Upper
96	100		
61	132.1	99.9	159.9
98	64.4	31.8	91.8

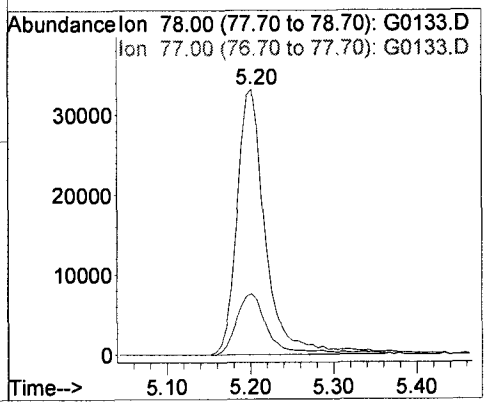


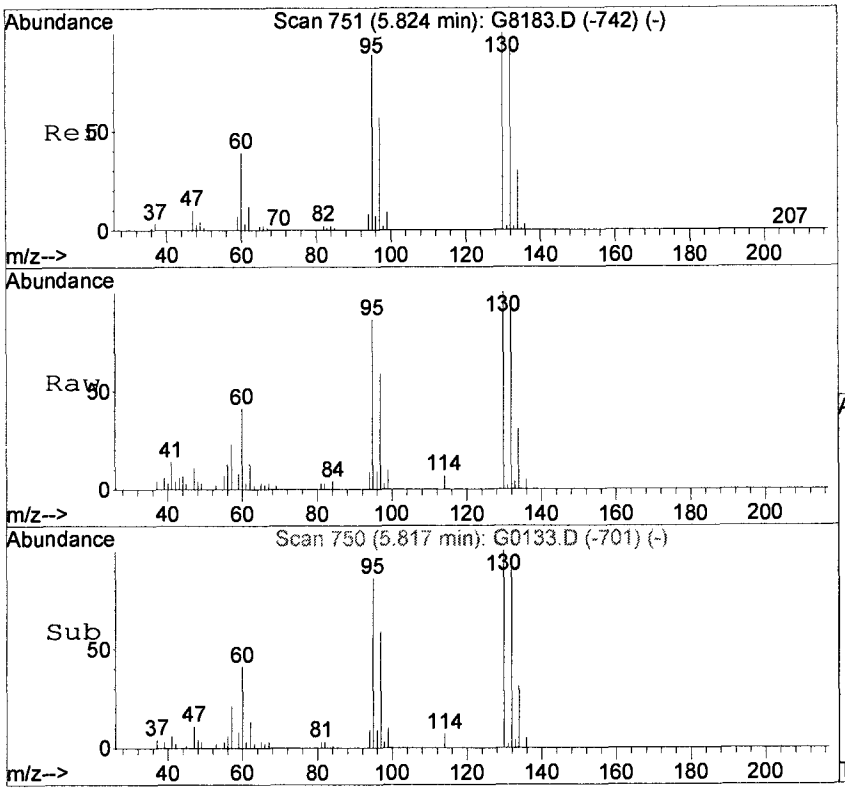


#32
C165 Benzene
Concen: 16.24 ng
RT: 5.20 min Scan# 649
Delta R.T. 0.01 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 78 Resp: 78832

Ion	Ratio	Lower	Upper
78	100		
77	23.0	0.0	53.3

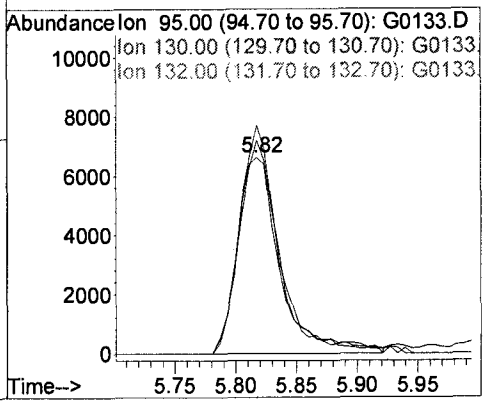


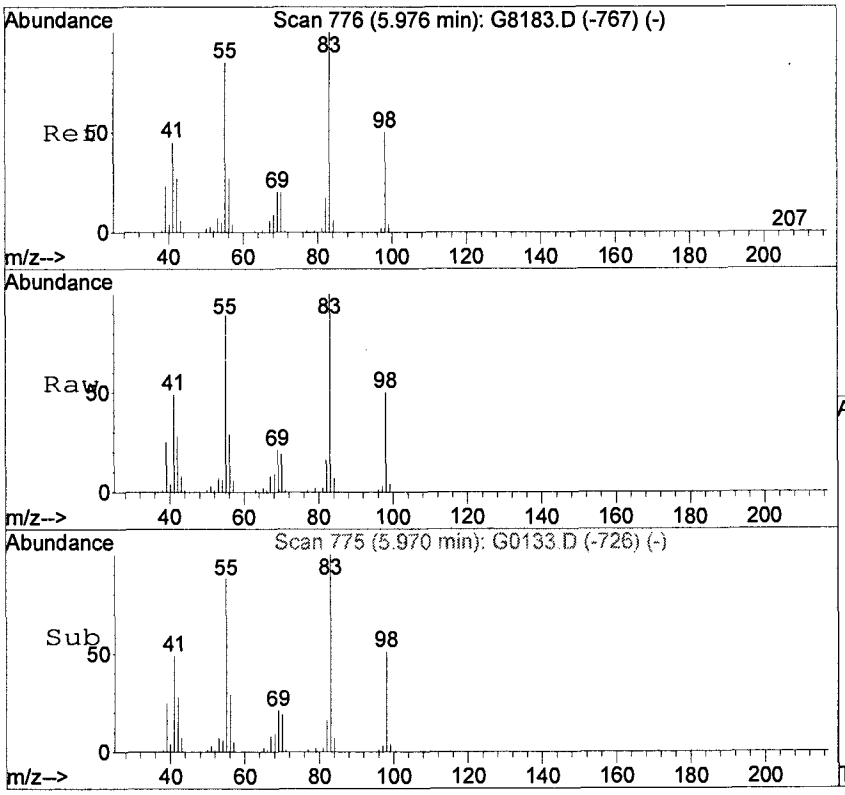


#36
C150 Trichloroethene
Concen: 14.14 ng
RT: 5.82 min Scan# 750
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 95 Resp: 16160

Ion	Ratio	Lower	Upper
95	100		
130	116.3	77.6	137.6
132	108.6	72.8	132.8

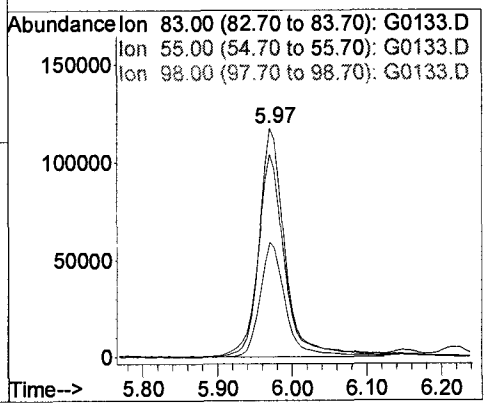


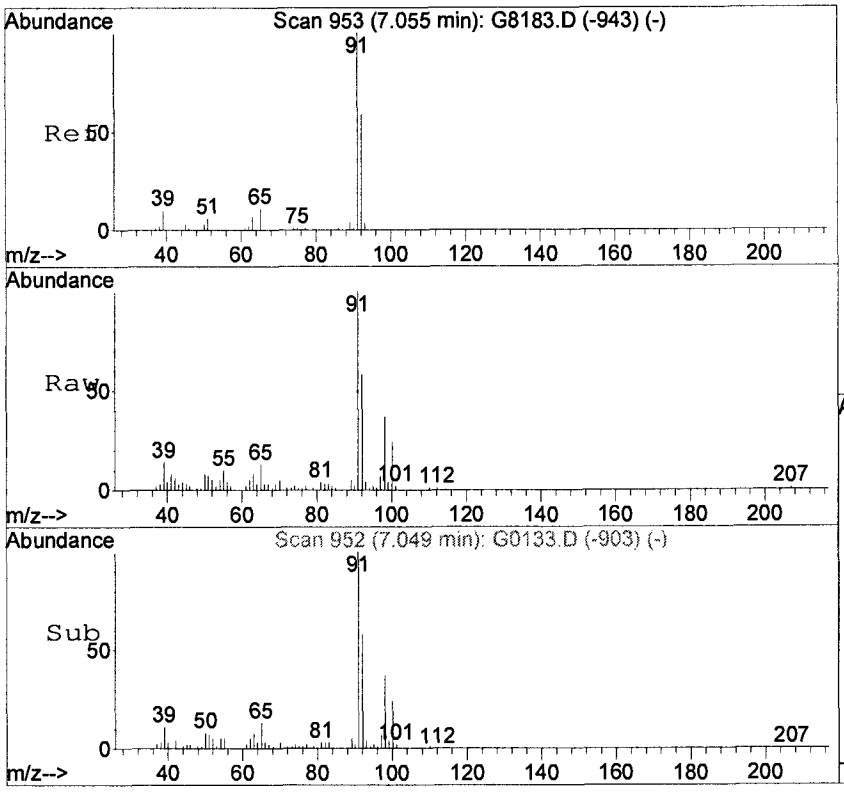


#41
C012 Methylcyclohexane
Concen: 135.58 ng
RT: 5.97 min Scan# 775
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 83 Resp: 285446

Ion	Ratio	Lower	Upper
83	100		
55	91.4	65.8	98.6
98	49.8	40.2	60.4

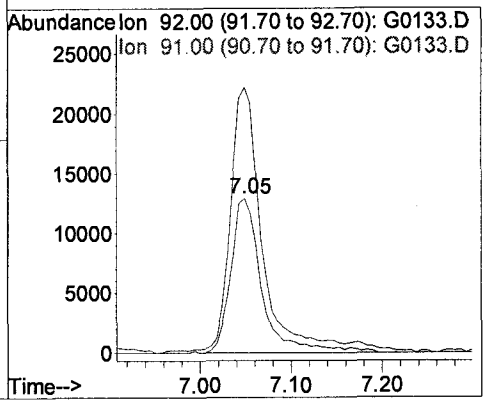


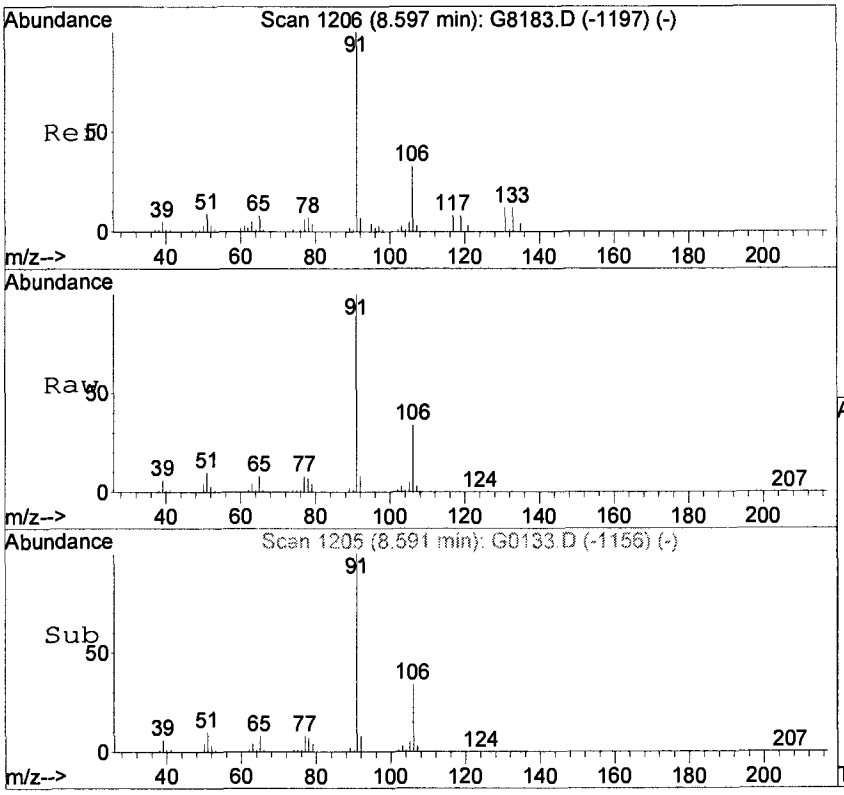


#45
C230 Toluene
Concen: 9.78 ng
RT: 7.05 min Scan# 952
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 92 Resp: 30650

Ion	Ratio	Lower	Upper
92	100		
91	171.5	131.1	191.1

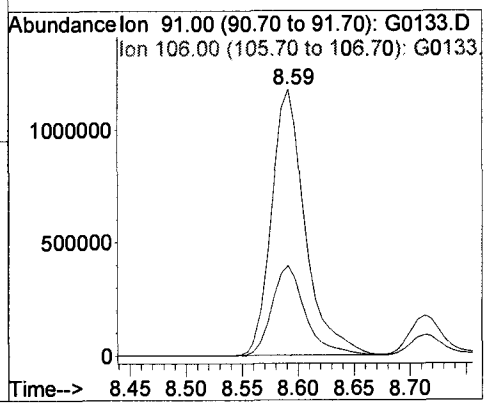


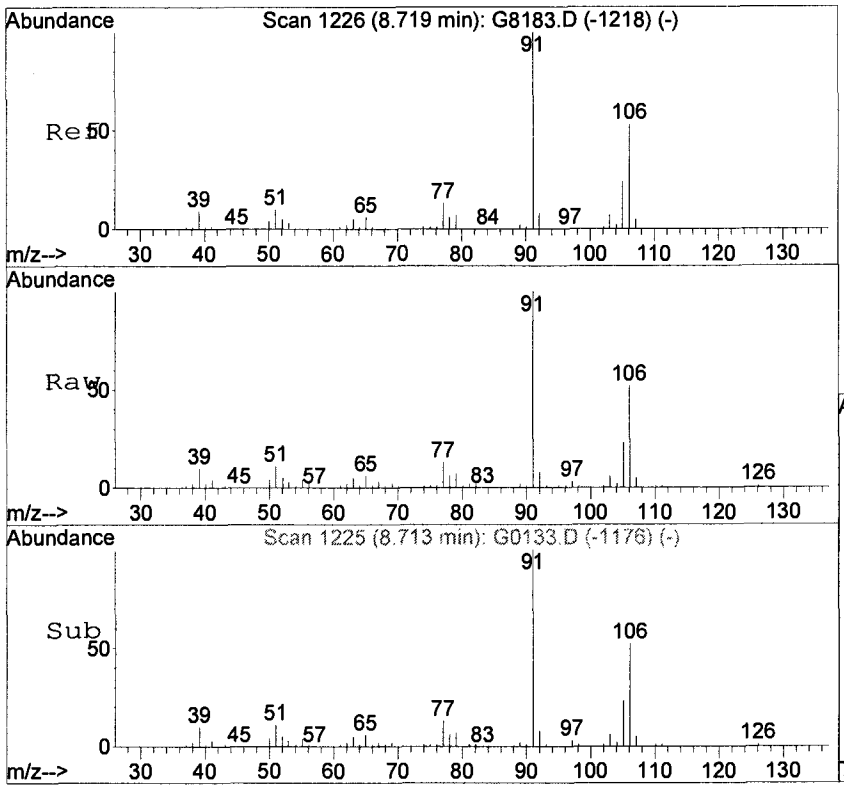


#57
C240 Ethylbenzene
Concen: 465.76 ng
RT: 8.59 min Scan# 1205
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 91 Resp: 2468290

Ion	Ratio	Lower	Upper
91	100		
106	33.5	1.6	61.6

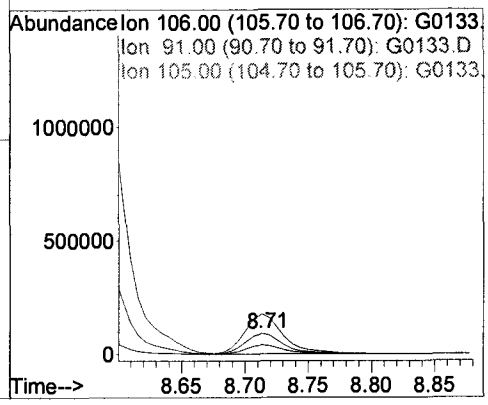


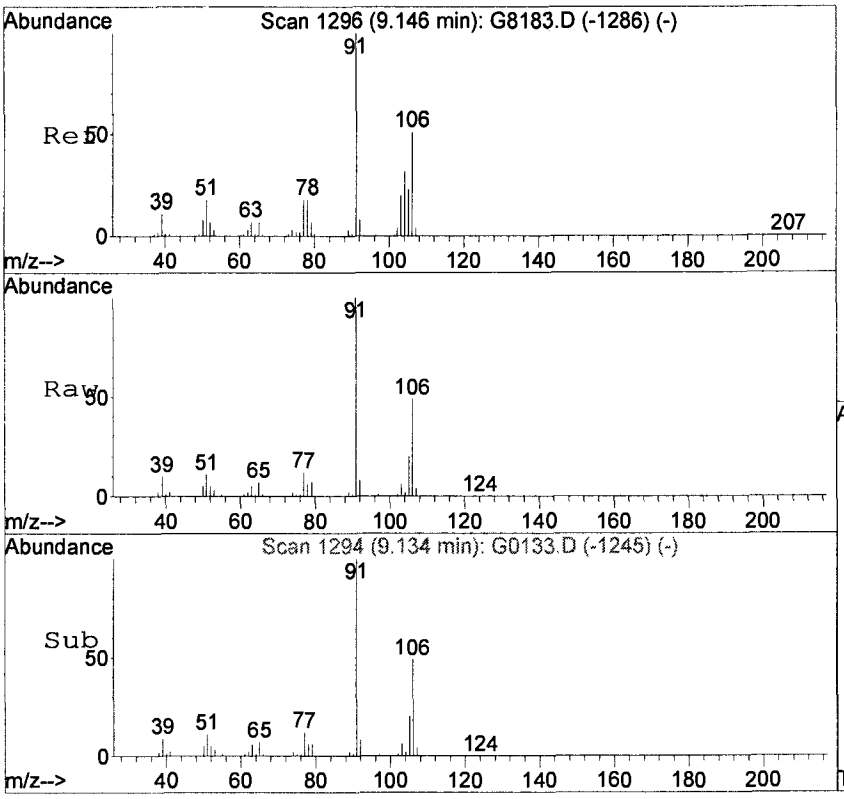


#58
C246 m,p-Xylene
Concen: 91.13 ng
RT: 8.71 min Scan# 1225
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:106 Resp: 193306

Ion	Ratio	Lower	Upper
106	100		
91	193.2	167.2	227.2
105	43.9	15.1	75.1

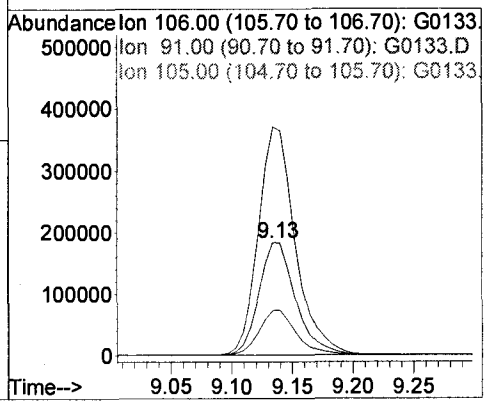


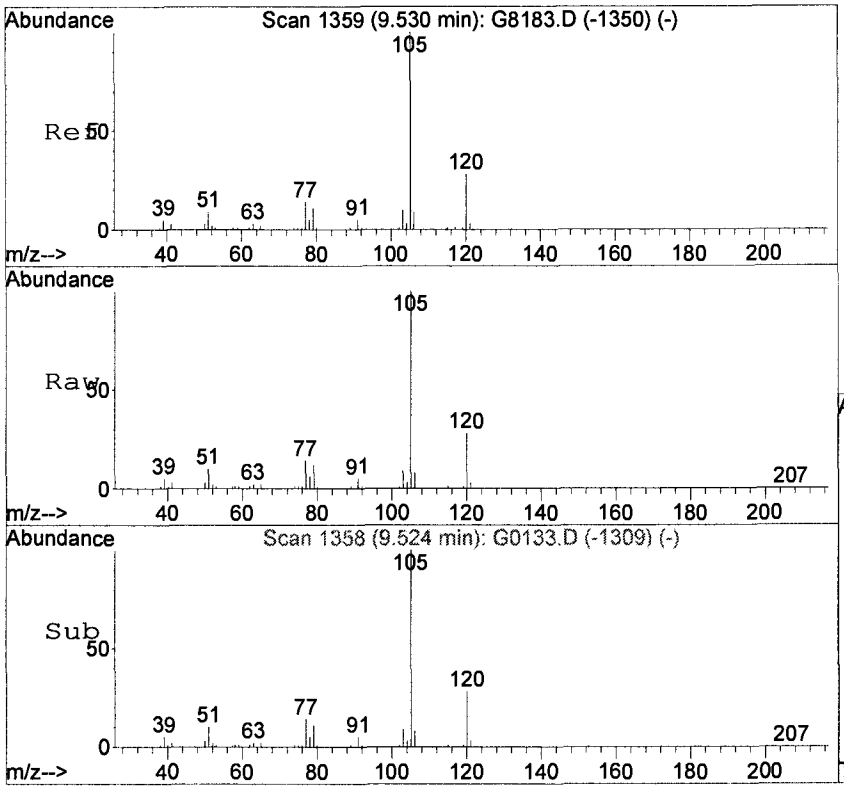


#59
C247 o-Xylene
Concen: 181.89 ng
RT: 9.13 min Scan# 1294
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:106 Resp: 386694

Ion	Ratio	Lower	Upper
106	100		
91	202.9	179.4	239.4
105	39.9	15.7	75.7

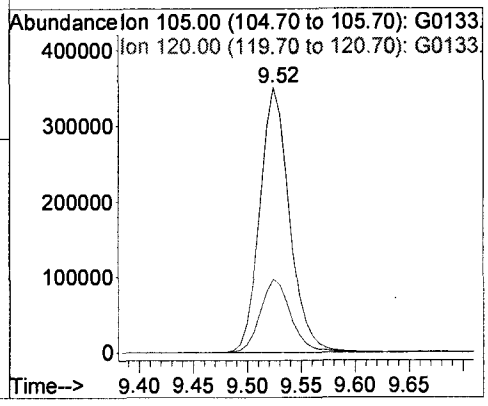


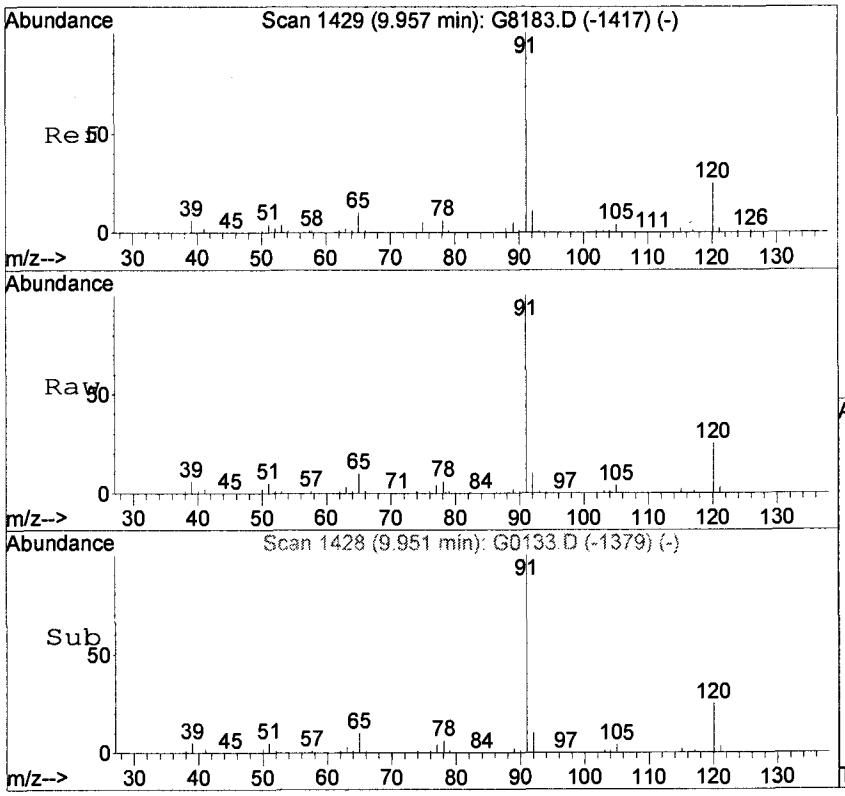


#64
C966 Isopropylbenzene
Concen: 139.67 ng
RT: 9.52 min Scan# 1358
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:105 Resp: 669830

Ion	Ratio	Lower	Upper
105	100		
120	27.7	0.0	58.1

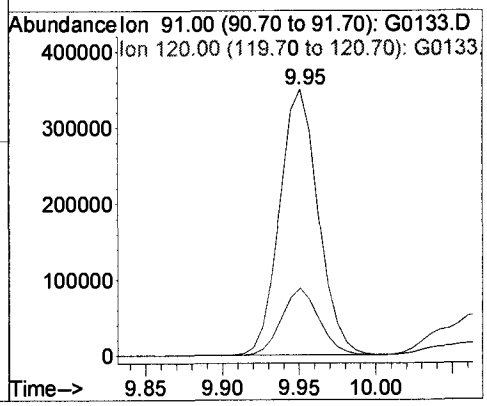


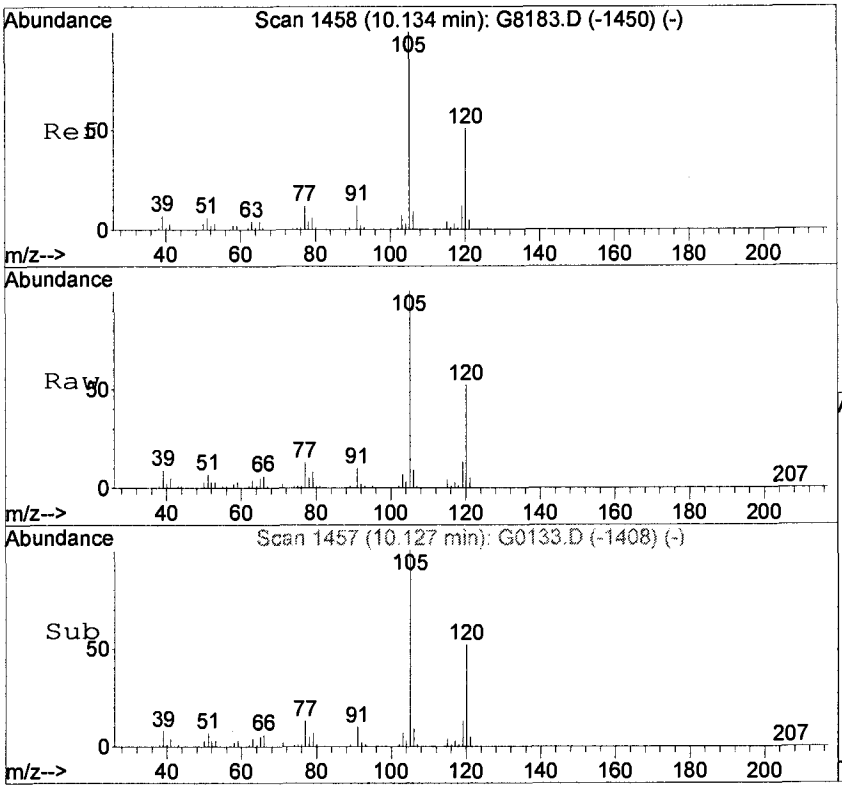


#69
C302 n-Propylbenzene
Concen: 106.18 ng
RT: 9.95 min Scan# 1428
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 91 Resp: 614582

Ion	Ratio	Lower	Upper
91	100		
120	25.4	0.0	55.5

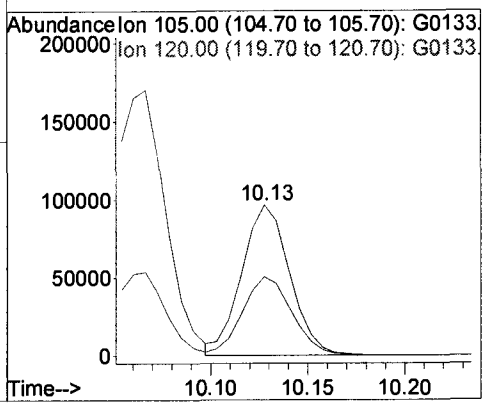


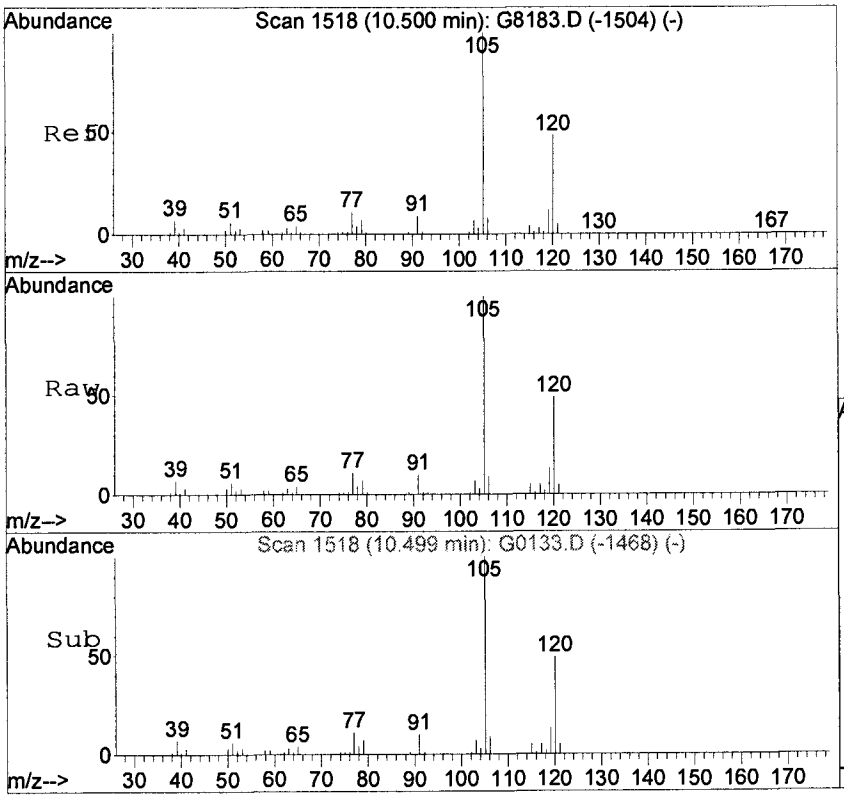


#72
C304 1,3,5-Trimethylbenzene
Concen: 41.83 ng
RT: 10.13 min Scan# 1457
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:105 Resp: 166357

Ion	Ratio	Lower	Upper
105	100		
120	52.3	21.2	81.2

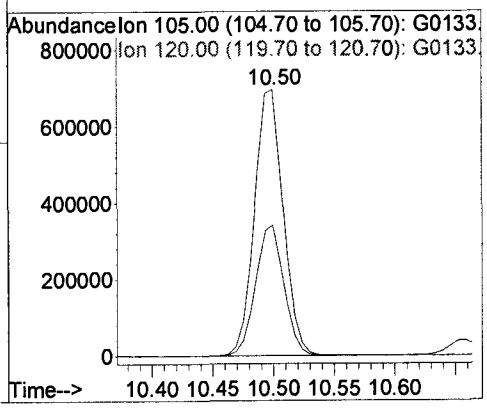


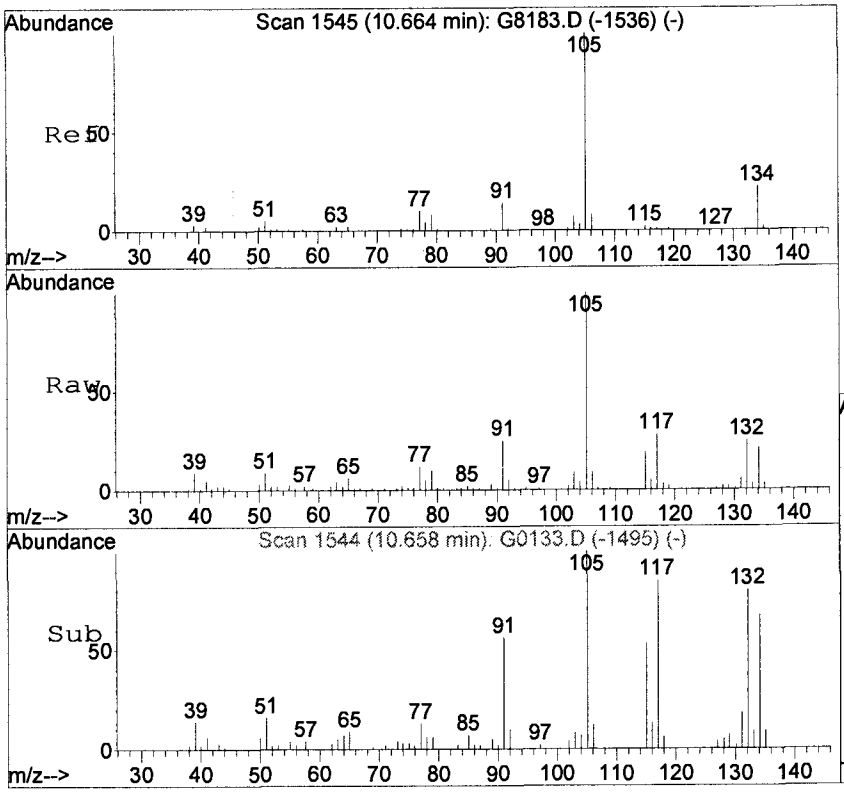


#74
C307 1,2,4-Trimethylbenzene
Concen: 288.17 ng
RT: 10.50 min Scan# 1518
Delta R.T. 0.01 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:105 Resp: 1148592

Ion	Ratio	Lower	Upper
105	100		
120	49.1	17.1	77.1

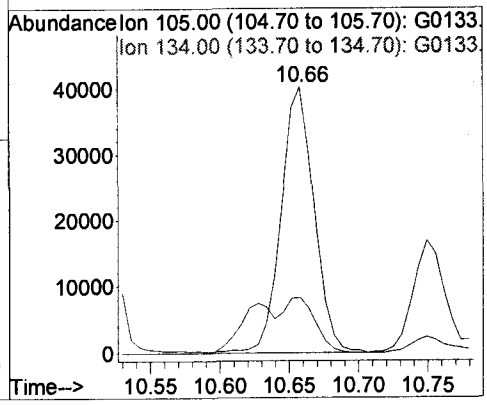


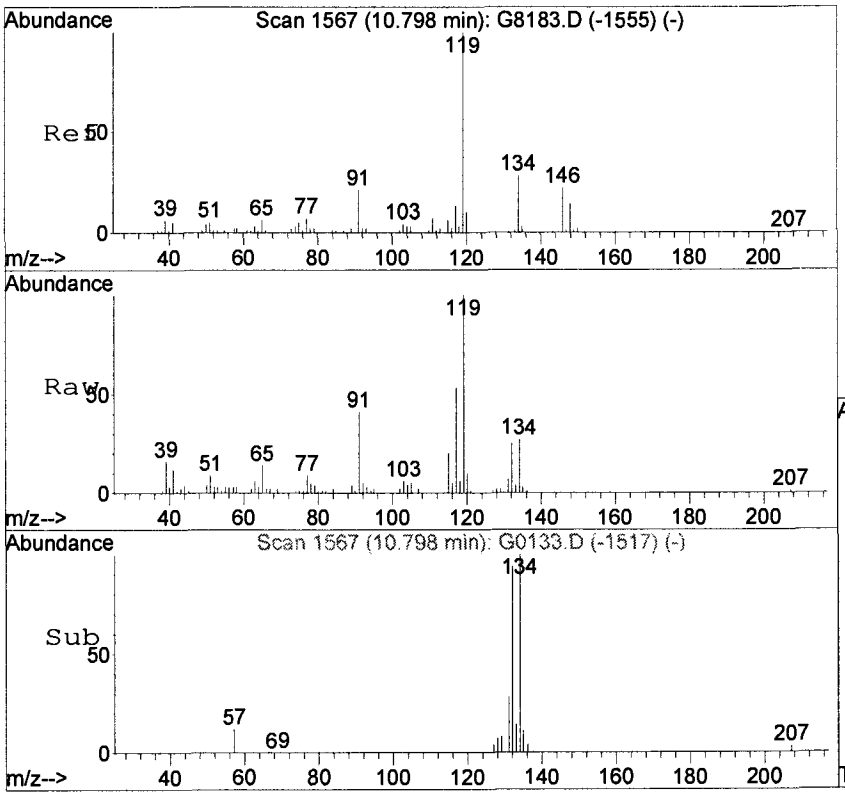


#75
C308 sec-Butylbenzene
Concen: 14.14 ng
RT: 10.66 min Scan# 1544
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:105 Resp: 66227

Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	52.6

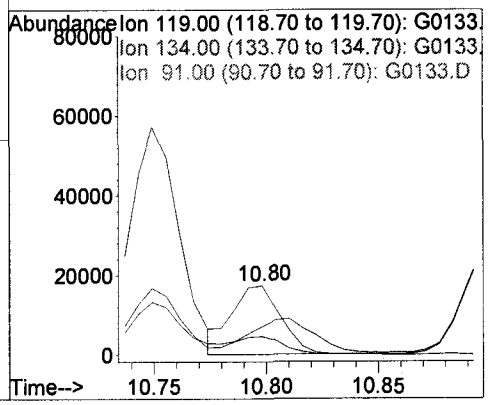


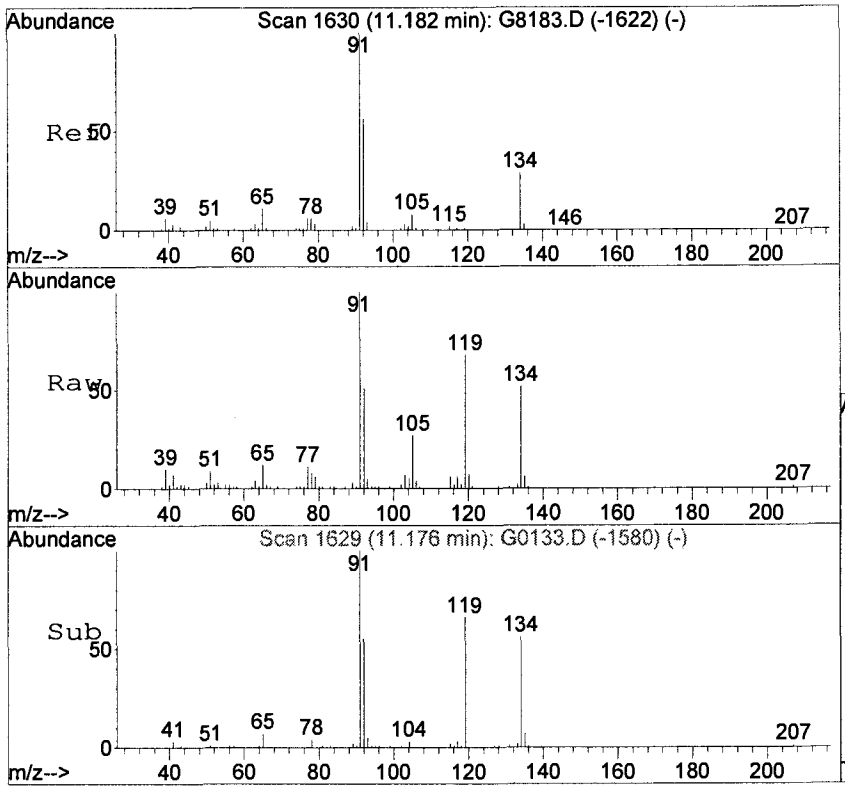


#77
C309 4-Isopropyltoluene
Concen: 6.25 ng
RT: 10.80 min Scan# 1567
Delta R.T. 0.01 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:119 Resp: 26405

Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	57.8
91	41.1	0.0	53.6

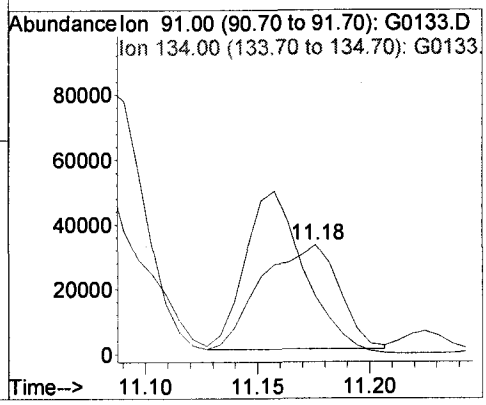


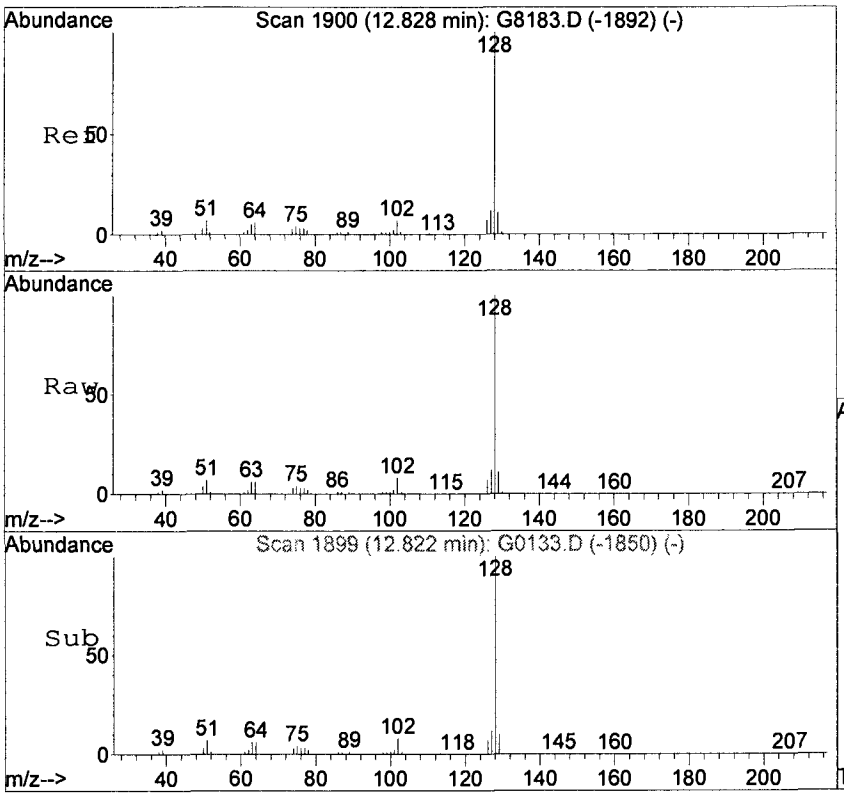


#80
C310 n-Butylbenzene
Concen: 20.72 ng
RT: 11.18 min Scan# 1629
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion: 91 Resp: 77159

Ion	Ratio	Lower	Upper
91	100		
134	52.0	0.0	59.4

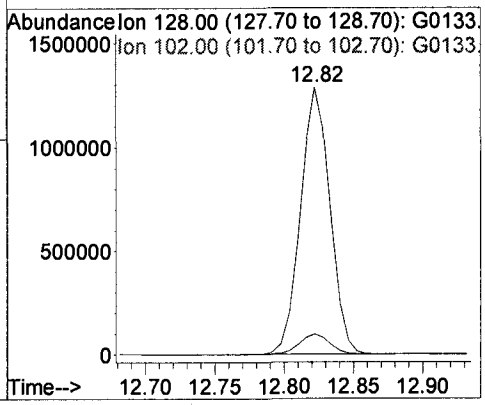




#84
C314 Naphthalene
Concen: 698.59 ng
RT: 12.82 min Scan# 1899
Delta R.T. -0.00 min
Lab File: G0133.D
Acq: 8 Oct 2008 22:57

Tgt Ion:128 Resp: 1893270

Ion	Ratio	Lower	Upper
128	100		
102	7.6	0.0	38.1



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8712.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	0.67	J
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8712.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

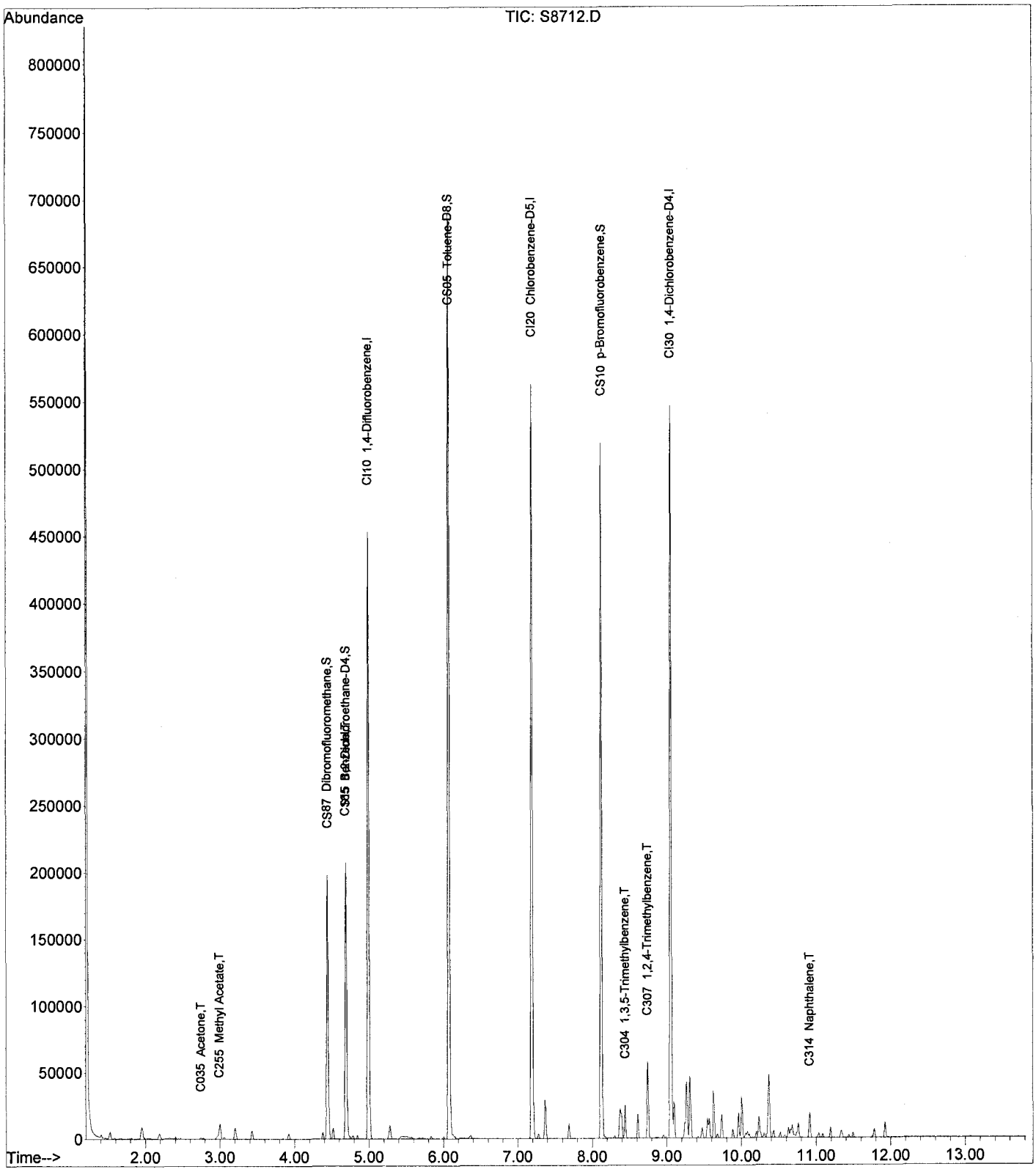
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : D:\MSDCHEM\S\DATA\100808\S8712.D Vial: 16
Acq On : 8 Oct 2008 14:23 Operator: DHC
Sample : A8B79402 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:24 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (No Qualifiers Applied)

Data File : D:\MSDCHEM\S\DATA\100808\S8712.D Vial: 16
Acq On : 8 Oct 2008 14:23 Operator: DHC
Sample : A8B79402 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:24 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

S ✓ 10/8/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.00	114	270058	125.00	ng	0.00 96.18%
43) CI20 Chlorobenzene-D5	7.19	82	146426	125.00	ng	0.00 95.50%
63) CI30 1,4-Dichlorobenzene-	9.06	152	121288	125.00	ng	0.00 94.19%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	89712	134.18	NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 107.34%			
31) CS15 1,2-Dichloroethane-D	4.69	65	108244	132.43	ng	0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 105.94%			
44) CS05 Toluene-D8	6.07	98	372850	123.36	ng	0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 98.69%			
62) CS10 p-Bromofluorobenzene	8.12	174	111776	134.86	ng ✓	0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 107.89%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.06	84	442	Below Cal	#	43
10) C040 Carbon disulfide	2.78	76	792	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	~~2.75~~	~~43~~	~~1517~~	~~12.54 ng~~	#	43
14) C300 Acetonitrile	3.00	41	3753	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255 Methyl Acetate	~~3.00~~	~~43~~	~~7889~~	~~13.64 ng~~	#	56
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	4.38	42	365	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	0.00	83	0	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.70	78	10754	3.35 ng ✓		94
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	4.44	56	1949	N.D.		
36) C150 Trichloroethene	0.00	95	0	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

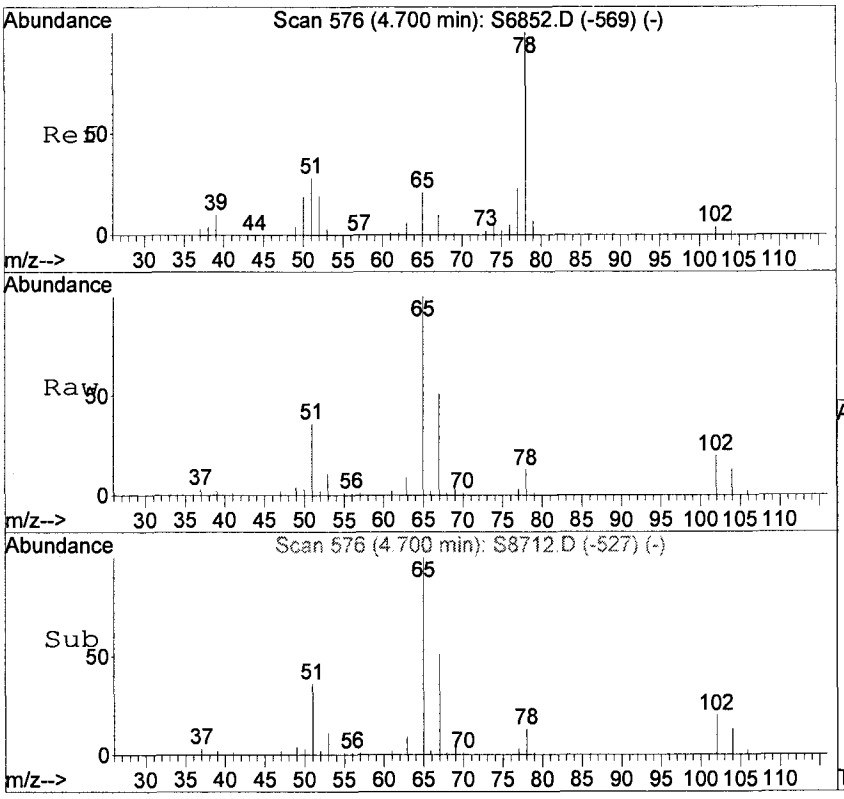
10.14.08

Data File : D:\MSDCHEM\S\DATA\100808\S8712.D Vial: 16
Acq On : 8 Oct 2008 14:23 Operator: DHC
Sample : A8B79402 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:24 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethа	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.28	83	2991	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.13	92	1475	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	1368	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochloromethа	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.28	91	3086	N.D.		
58) C246	m,p-Xylene	7.36	106	6949	N.D.		
59) C247	o-Xylene	7.69	106	2752	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.97	105	337	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	8.37	51	682	N.D.		
69) C302	n-Propylbenzene	8.30	91	1503	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylbenze	8.44	105	12190	4.02	ng	93
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylbenze	8.75	105	28503	9.62	ng	95
75) C308	sec-Butylbenzene	8.89	105	620	N.D.		
76) C260	1,3-Dichlorobenzen	9.07	146	172	N.D.		
77) C309	4-Isopropyltoluene	8.99	119	760	N.D.		
78) C267	1,4-Dichlorobenzen	9.07	146	172	N.D.		
79) C249	1,2-Dichlorobenzen	9.39	146	145	N.D.		
80) C310	n-Butylbenzene	9.31	91	4959	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.71	180	991	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	14514	18.78	ng	96
85) C934	1,2,3-Trichloroben	11.11	180	133	N.D.		

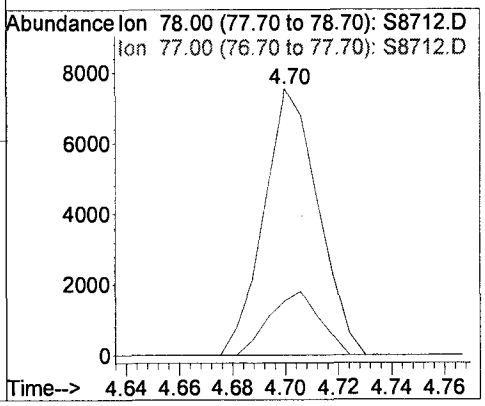
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#32
C165 Benzene
Concen: 3.35 ng
RT: 4.70 min Scan# 576
Delta R.T. 0.00 min
Lab File: S8712.D
Acq: 8 Oct 2008 14:23

Tgt Ion: 78 Resp: 10754

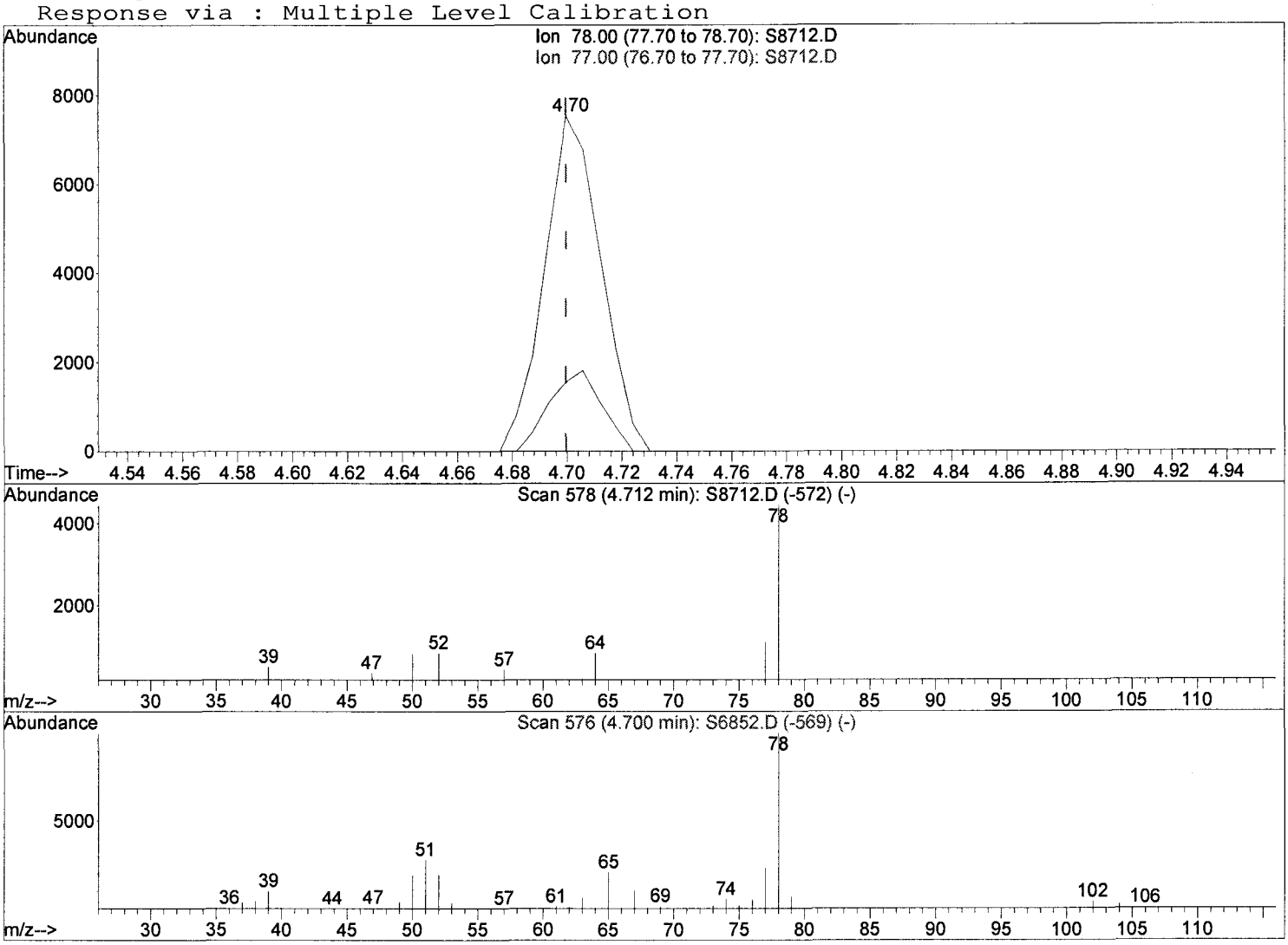
Ion	Ratio	Lower	Upper
78	100		
77	20.5	0.0	53.3



Data File : D:\MSDChem\S\Data\100808\S8712.D
Acq On : 8 Oct 2008 14:23
Sample : A8B79402
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:24 2008

Vial: 16
Operator: DHC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Multiple Level Calibration



TIC: S8712.D

(32) C165 Benzene (T)

4.70min (+0.000) 3.35ng

response 10754

Ion	Exp%	Act%
78.00	100	100
77.00	23.30	20.54
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1794.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	1.2	J
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1794.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

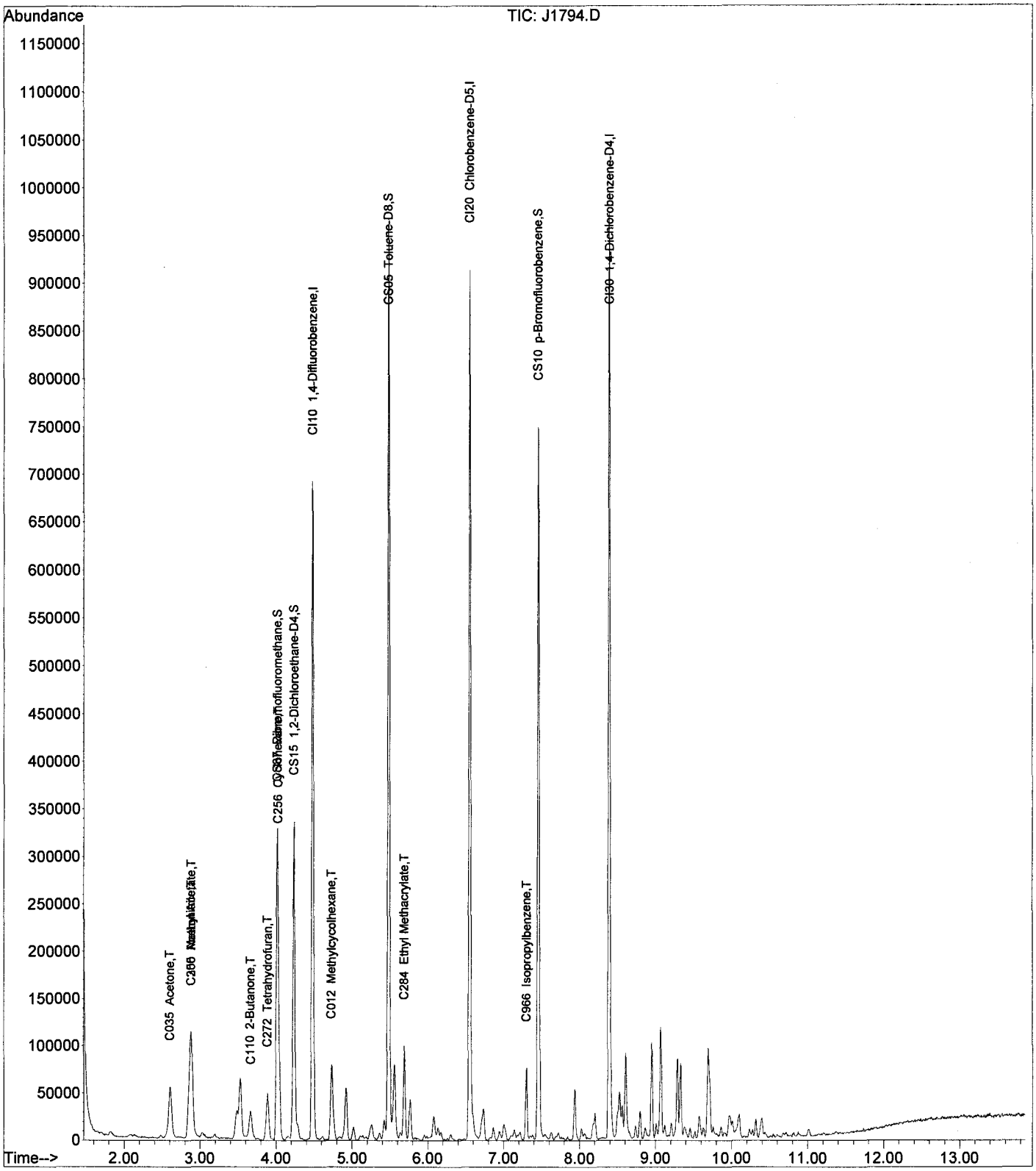
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : C:\MSDCHEM\1\DATA\100308\J1794.D Vial: 29
Acq On : 4 Oct 2008 1:38 Operator: LH/MF
Sample : A8B72701 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 06 09:19:30 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (No Qualifiers Applied) 376/3787

Data File : C:\MSDCHEM\1\DATA\100308\J1794.D Vial: 29
Acq On : 4 Oct 2008 1:38 Operator: LH/MF
Sample : A8B72701 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 06 09:19:30 2008 Results File: A8I0000734.RES

SAB MPB 10/6/08

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	490992	125.00	ng	0.00 65.80%
43) CI20	Chlorobenzene-D5	6.55	117	468342	125.00	ng	0.00 68.41%
62) CI30	1,4-Dichlorobenzene-	8.39	152	252048	125.00	ng	0.00 66.41%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.01	111	141607	144.25	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	115.40%	
31) CS15	1,2-Dichloroethane-D	4.24	65	207807	155.14	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	124.11%	
44) CS05	Toluene-D8	5.48	98	575034	132.46	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	105.97%	
61) CS10	p-Bromofluorobenzene	7.46	174	192939	135.09	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	108.07%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.65	50	1807	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	2.07	64	803	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	2.91	84	1552	Below Cal	# 48
10) C040	Carbon disulfide	2.75	76	1003	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	2.98	53	85	N.D.	
13) C035	Acetone	2.61	43	39155	140.66 ng	# 57
14) C300	Acetonitrile	2.88	41	54309	540.61 ng	# 35
15) C276	Iodomethane	2.71	142	664	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	2.88	43	115211	103.82 ng	# 48
20) C050	1,1-Dichloroethane	3.33	63	75	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	3.64	77	74	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	3.89	42	2013	5.85 ng	# 1
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	3.91	83	147	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.26	78	4976	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	3.66	43	13068	24.11 ng	# 42
35) C256	Cyclohexane	4.03	56	57885	24.87 ng	# 26
36) C150	Trichloroethene	4.73	95	3382	N.D.	
37) C140	1,2-Dichloropropan	4.73	63	375	N.D.	
38) C278	Dibromomethane	4.94	93	166	N.D.	

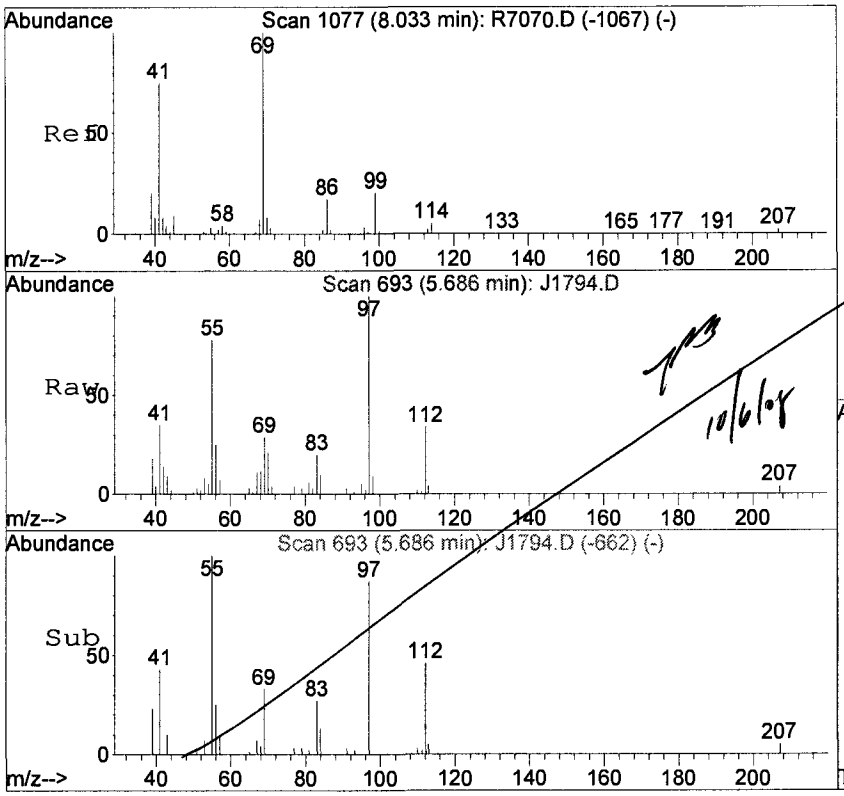
10.14.08

Data File : C:\MSDCHEM\1\DATA\100308\J1794.D Vial: 29
Acq On : 4 Oct 2008 1:38 Operator: LH/MF
Sample : A8B72701 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 06 09:19:30 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	3.91	83	147	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	4.73	83	15235	5.77	ng	# 48
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	5.53	92	2138	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	5.69	69	10349	5.55	ng	# 58
48) C160	1,1,2-Trichloroeth	5.77	83	2102	N.D.		
49) C210	4-Methyl-2-pentano	5.39	43	155	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	5.95	43	553	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	6.63	91	2158	N.D.		
58) C246	m,p-Xylene	6.71	106	2442	N.D.		
59) C247	o-Xylene	7.03	106	898	N.D.		
60) C245	Styrene	7.04	104	91	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.30	105	47587	6.24	ng	97
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	7.55	83	97	N.D.		
67) C282	1,2,3-Trichloropro	7.73	110	75	N.D.		
68) C283	t-1,4-Dichloro-2-B	7.71	53	154	N.D.		
69) C302	n-Propylbenzene	7.63	91	5526	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	7.76	105	721	N.D.		
73) C306	tert-Butylbenzene	8.03	134	1119	N.D.		
74) C307	1,2,4-Trimethylben	8.07	105	2696	N.D.		
75) C308	sec-Butylbenzene	8.20	105	16317	N.D.		
76) C260	1,3-Dichlorobenzen	8.41	146	2319	N.D.		
77) C309	4-Isopropyltoluene	8.31	119	601	N.D.		
78) C267	1,4-Dichlorobenzen	8.41	146	2319	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	8.61	91	8882	N.D.		
81) C286	1,2-Dibromo-3-Chlo	9.34	75	333	N.D.		
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.27	128	7435	N.D.		
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

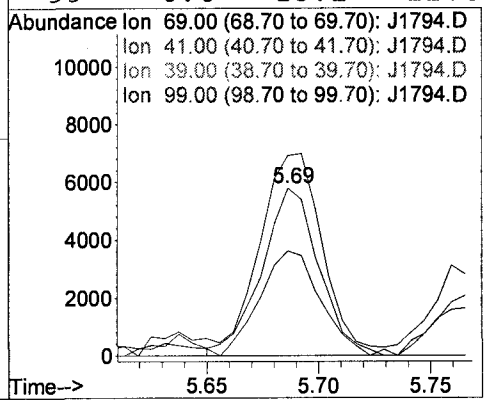
(#) = qualifier out of range (m) = manual integration (+) = signals summed

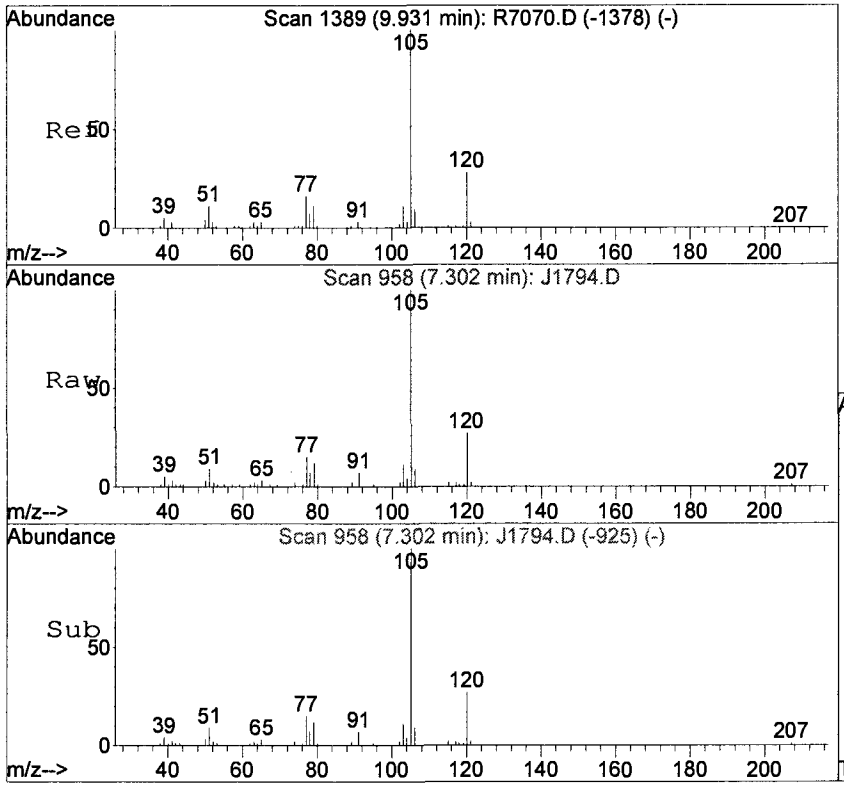


#47
C284 Ethyl Methacrylate
Concen: 5.55 ng
RT: 5.69 min Scan# 693
Delta R.T. -0.01 min
Lab File: J1794.D
Acq: 4 Oct 2008 1:38

Tgt Ion: 69 Resp: 10349

Ion	Ratio	Lower	Upper
69	100		
41	131.0	73.4	110.0#
39	66.1	0.3	0.5#
99	0.0	15.2	22.8#

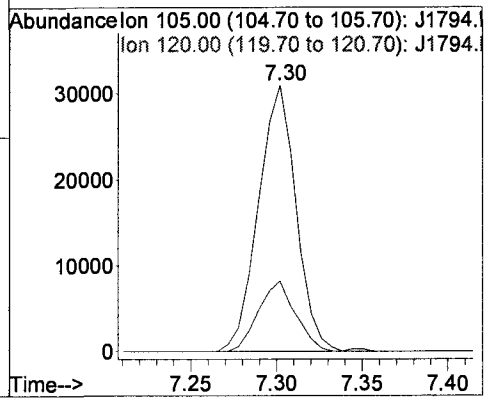




#64
C966 Isopropylbenzene
Concen: 6.24 ng
RT: 7.30 min Scan# 958
Delta R.T. -0.00 min
Lab File: J1794.D
Acq: 4 Oct 2008 1:38

Tgt Ion:105 Resp: 47587

Ion	Ratio	Lower	Upper
105	100		
120	26.6	5.3	45.3



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8713.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	0.94	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8713.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

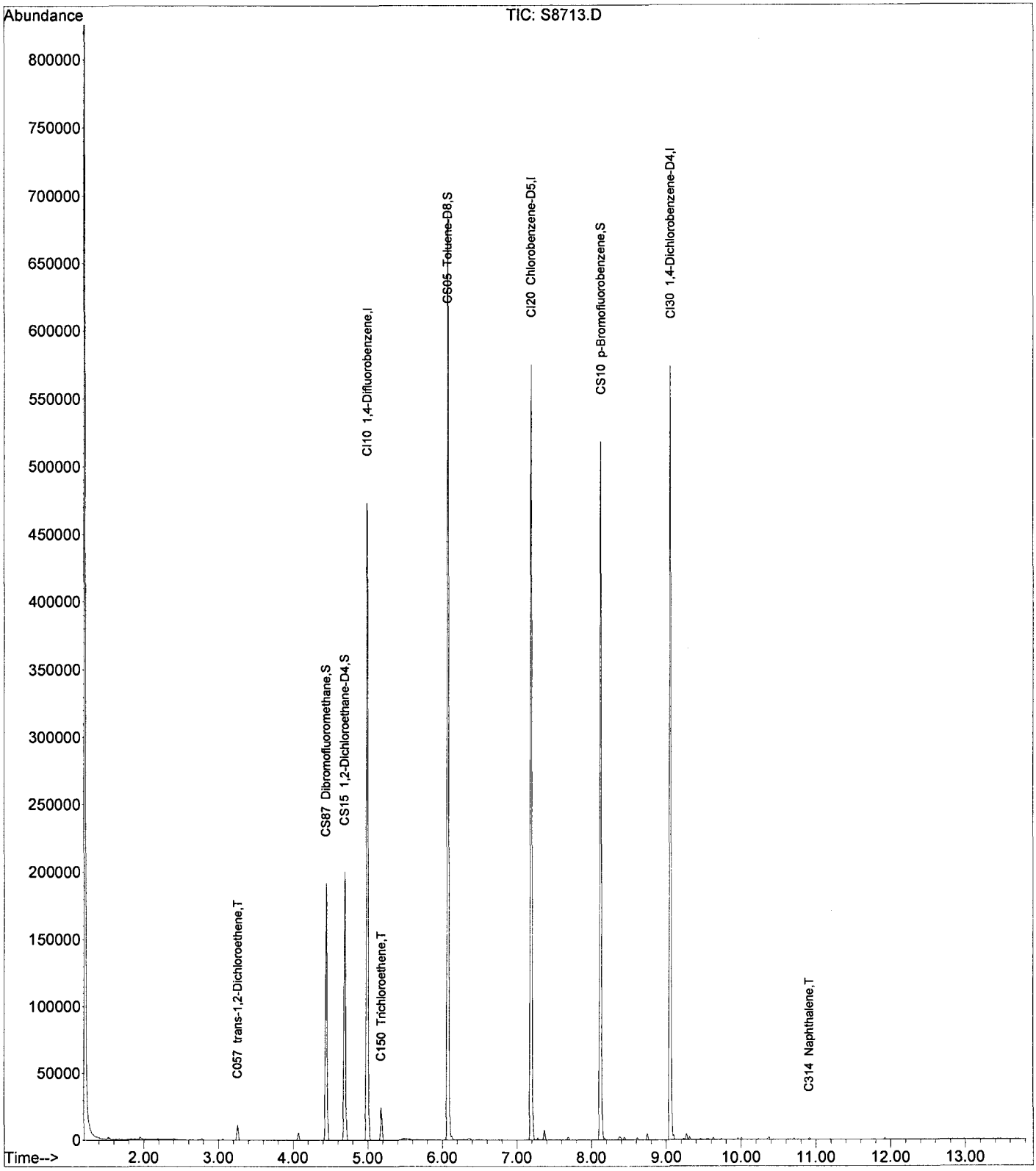
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	1.6	J
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (N[illegible]wed)

Data File : D:\MSDCHEM\S\DATA\100808\S8713.D Vial: 17
Acq On : 8 Oct 2008 14:47 Operator: DHC
Sample : A8B79403 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:29 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (No Reviewed)

Data File : D:\MSDCHEM\S\DATA\100808\S8713.D Vial: 17
Acq On : 8 Oct 2008 14:47 Operator: DHC
Sample : A8B79403 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:29 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SAE MLW 10/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	278553	125.00	ng	0.00 99.21%
43) CI20	Chlorobenzene-D5	7.19	82	148939	125.00	ng	0.00 97.14%
63) CI30	1,4-Dichlorobenzene-	9.06	152	119911	125.00	ng	0.00 93.12%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	88741	128.68	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.94%	
31) CS15	1,2-Dichloroethane-D	4.69	65	108635	128.85	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	103.08%	
44) CS05	Toluene-D8	6.07	98	365026	118.73	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	94.98%	
62) CS10	p-Bromofluorobenzene	8.12	174	108686	128.92	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	103.14%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	1.54	62	941	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.06	84	141	Below Cal	#	70
10) C040	Carbon disulfide	2.77	76	923	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.74	43	147	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloroet	3.26	96	3876	4.71	ng	96
19) C255	Methyl Acetate	3.00	43	304	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	4.07	96	2036	N.D.		
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	7245	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	4.44	56	133	N.D.		
36) C150	Trichloroethene	5.18	95	6897	8.25	ng	75
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

@ 10.14.08

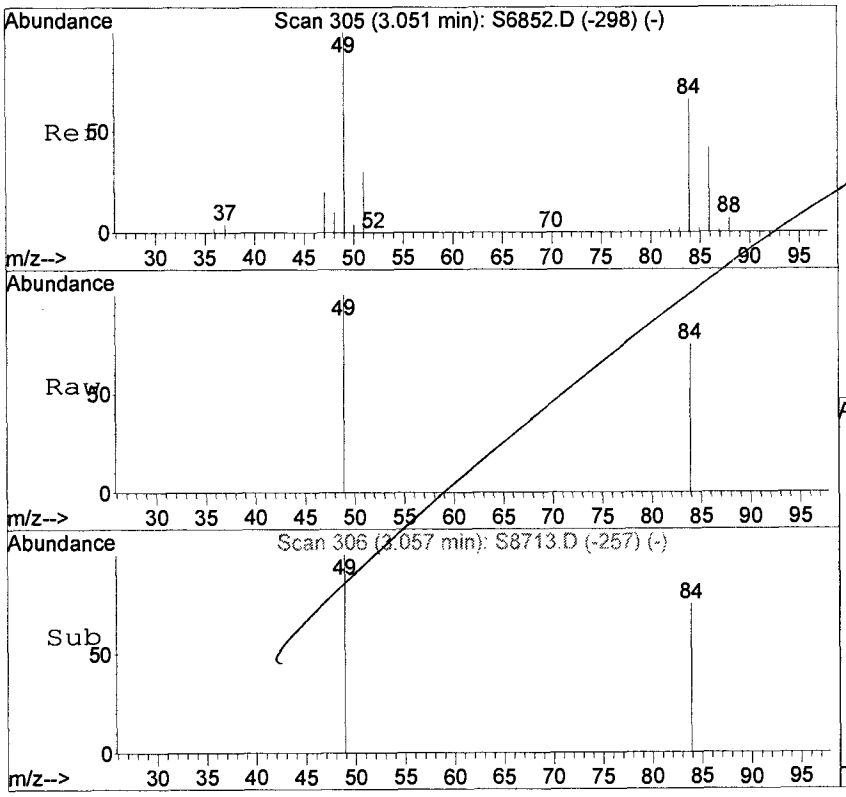
Quantitation Report TA Buffalo (No Reviewed)

Data File : D:\MSDCHEM\S\DATA\100808\S8713.D Vial: 17
Acq On : 8 Oct 2008 14:47 Operator: DHC
Sample : A8B79403 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:29 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.12	92	709	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	1420	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.28	91	1291	N.D.		
58) C246	m,p-Xylene	7.37	106	2097	N.D.		
59) C247	o-Xylene	7.69	106	654	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.97	105	267	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	8.12	91	299	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.44	105	1773	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.75	105	3908	N.D.		
75) C308	sec-Butylbenzene	8.75	105	3908	N.D.		
76) C260	1,3-Dichlorobenzen	9.07	146	714	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.07	146	714	N.D.		
79) C249	1,2-Dichlorobenzen	9.39	146	143	N.D.		
80) C310	n-Butylbenzene	9.27	91	137	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.71	180	491	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	~~10.91~~	~~128~~	~~1367~~	~~10.74~~	ng	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

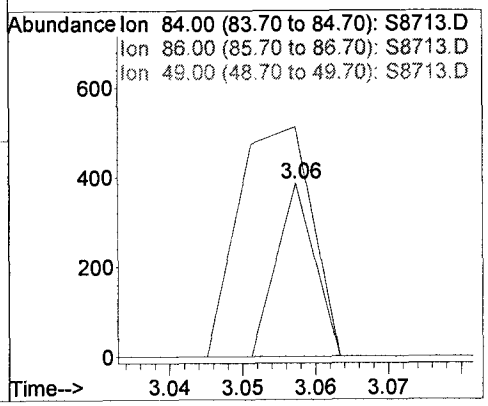
(#) = qualifier out of range (m) = manual integration (+) = signals summed

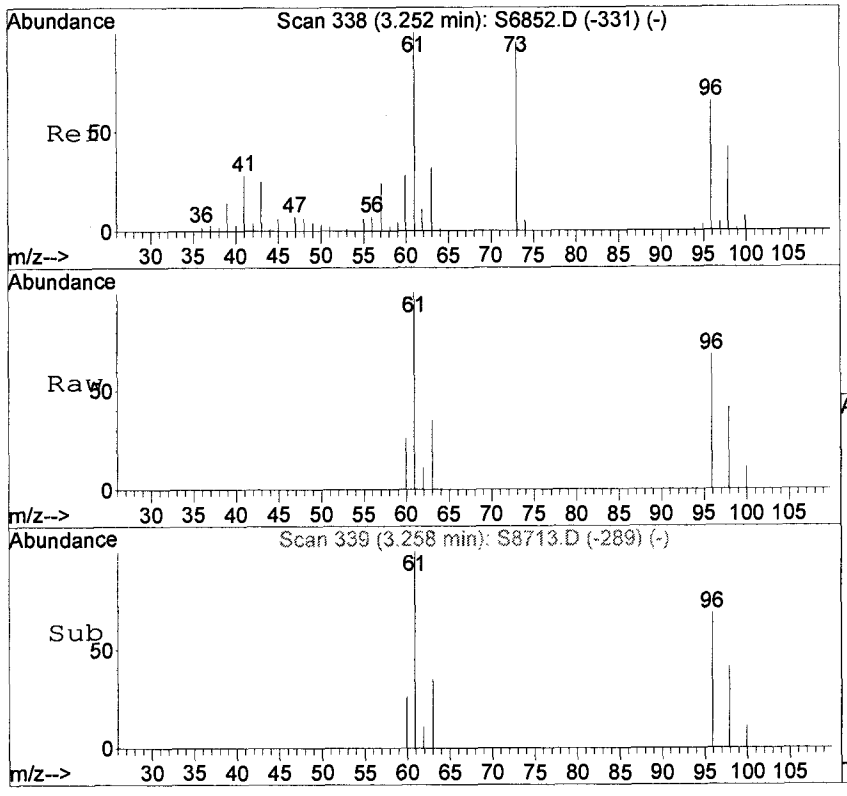


#9
C030 Methylene chloride
Concen: Below Cal
RT: 3.06 min Scan# 306
Delta R.T. 0.00 min
Lab File: S8713.D
Acq: 8 Oct 2008 14:47

Tgt Ion: 84 Resp: 141

Ion	Ratio	Lower	Upper
84	100		
86	0.0	31.9	91.9#
49	132.6	112.6	172.6

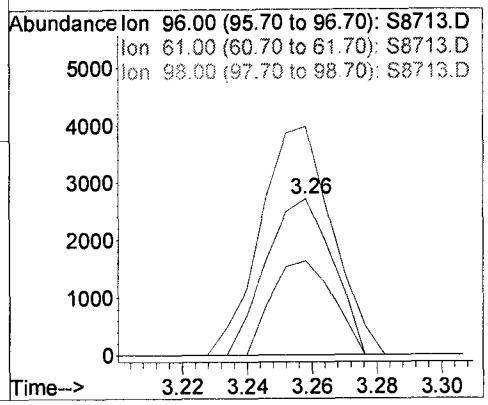


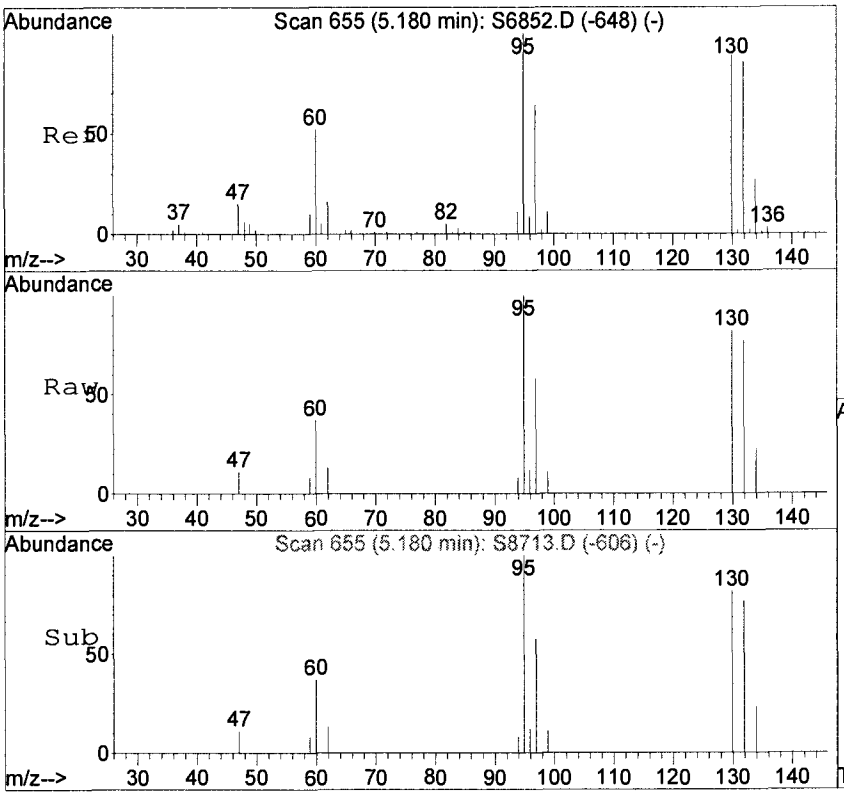


#18
C057 trans-1,2-Dichloroethene
Concen: 4.71 ng
RT: 3.26 min Scan# 339
Delta R.T. 0.01 min
Lab File: S8713.D
Acq: 8 Oct 2008 14:47

Tgt Ion: 96 Resp: 3876

Ion	Ratio	Lower	Upper
96	100		
61	146.8	111.5	171.5
98	60.3	33.0	93.0

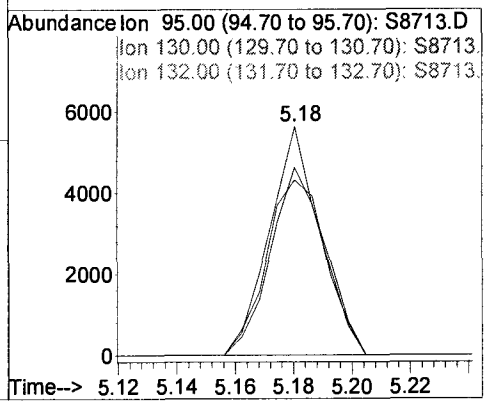




#36
C150 Trichloroethene
Concen: 8.25 ng
RT: 5.18 min Scan# 655
Delta R.T. 0.00 min
Lab File: S8713.D
Acq: 8 Oct 2008 14:47

Tgt Ion: 95 Resp: 6897

Ion	Ratio	Lower	Upper
95	100		
130	82.1	77.6	137.6
132	76.7	72.8	132.8



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8715.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	0.53	J
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	13	
156-60-5	trans-1,2-Dichloroethene	3.3	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8715.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

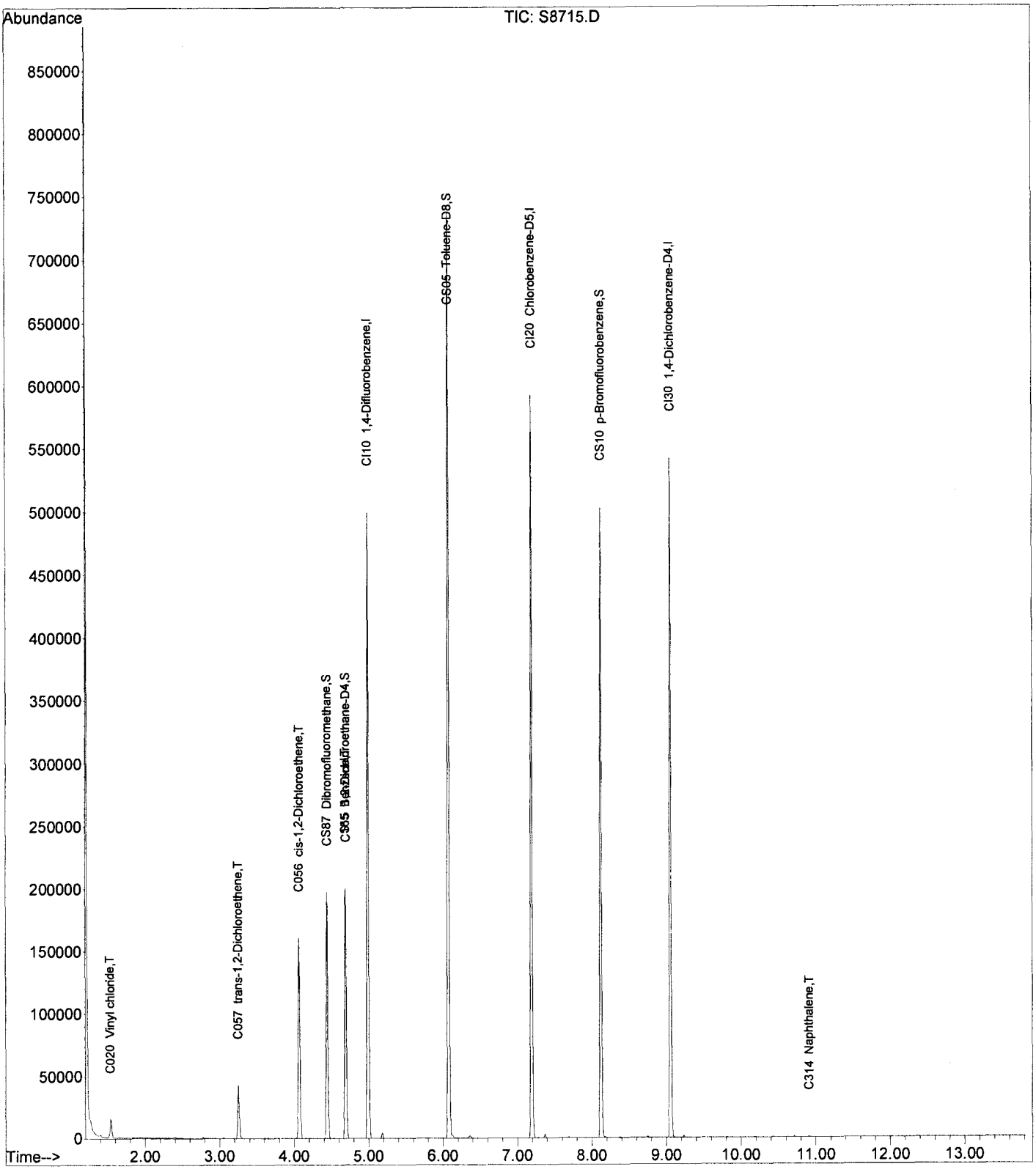
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	3.2	J
1330-20-7	Total Xylenes	15	U

Data File : D:\MSDCHEM\S\DATA\100808\S8715.D Vial: 19
Acq On : 8 Oct 2008 15:36 Operator: DHC
Sample : A8B79405 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:40 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\MSDCHEM\S\DATA\100808\S8715.D Vial: 19
Acq On : 8 Oct 2008 15:36 Operator: DHC
Sample : A8B79405 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:40 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SME MLW 10/8/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.99	114	282426	125.00	ng	0.00 100.59%
43) CI20 Chlorobenzene-D5	7.19	82	153233	125.00	ng	0.00 99.94%
63) CI30 1,4-Dichlorobenzene-	9.06	152	115783	125.00	ng	0.00 89.92%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.44	111	91349	130.65	NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 104.52%			
31) CS15 1,2-Dichloroethane-D	4.69	65	111418	130.34	ng	0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 104.27%			
44) CS05 Toluene-D8	6.07	98	380658	120.35	ng	0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 96.28%			
62) CS10 p-Bromofluorobenzene	8.12	174	107172	123.56	ng	0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 98.85%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	1.54	62	14549	15.90	ng	92
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.05	84	155	Below Cal	#	44
10) C040 Carbon disulfide	2.78	76	1115	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	0.00	43	0	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Eth	3.27	73	3053	N.D.		
18) C057 trans-1,2-Dichloroet	3.25	96	13641	16.36	ng	93
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	3.60	63	864	N.D.		
21) C125 Vinyl Acetate	3.65	43	136	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	4.07	96	56511	65.19	ng	96
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	0.00	83	0	N.D.		
28) C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	4.70	78	8929	2.66	ng	98
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	0.00	43	0	N.D.		
35) C256 Cyclohexane	0.00	56	0	N.D.		
36) C150 Trichloroethene	5.18	95	1288	N.D.		
37) C140 1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

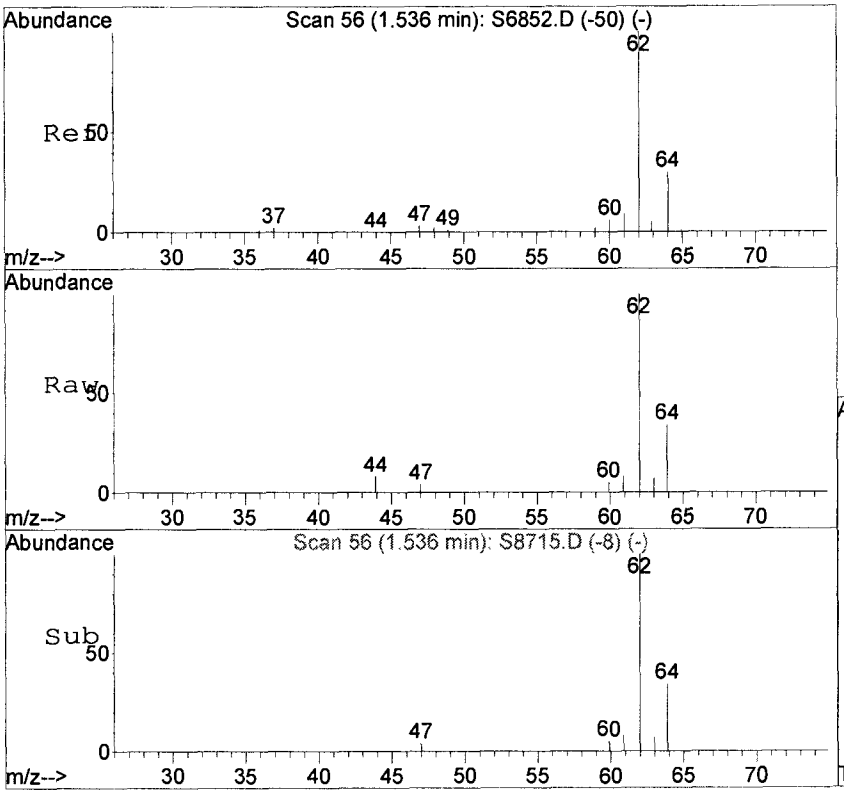
@ 10.14.08

Data File : D:\MSDCHEM\S\DATA\100808\S8715.D Vial: 19
Acq On : 8 Oct 2008 15:36 Operator: DHC
Sample : A8B79405 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:40 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylviny1	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	0.00	83	0	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.12	92	855	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.08	43	1468	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.37	91	2292	N.D.		
58) C246	m,p-Xylene	7.37	106	659	N.D.		
59) C247	o-Xylene	0.00	106	0	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	0.00	105	0	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	8.12	91	131	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.44	105	164	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.75	105	1130	N.D.		
75) C308	sec-Butylbenzene	8.75	105	1130	N.D.		
76) C260	1,3-Dichlorobenzen	9.07	146	622	N.D.		
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
78) C267	1,4-Dichlorobenzen	9.07	146	622	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	0.00	91	0	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.70	180	288	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	~~10.91~~	~~128~~	~~571~~	~~10.26~~	ng	77
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

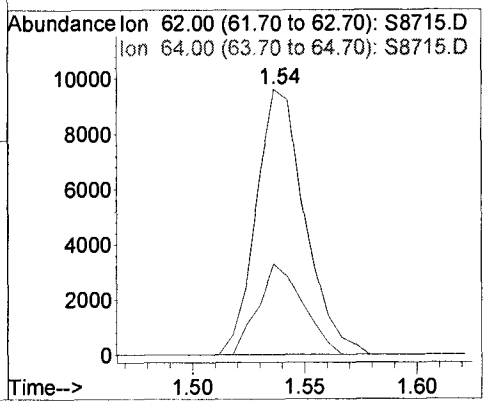
(#) = qualifier out of range (m) = manual integration (+) = signals summed

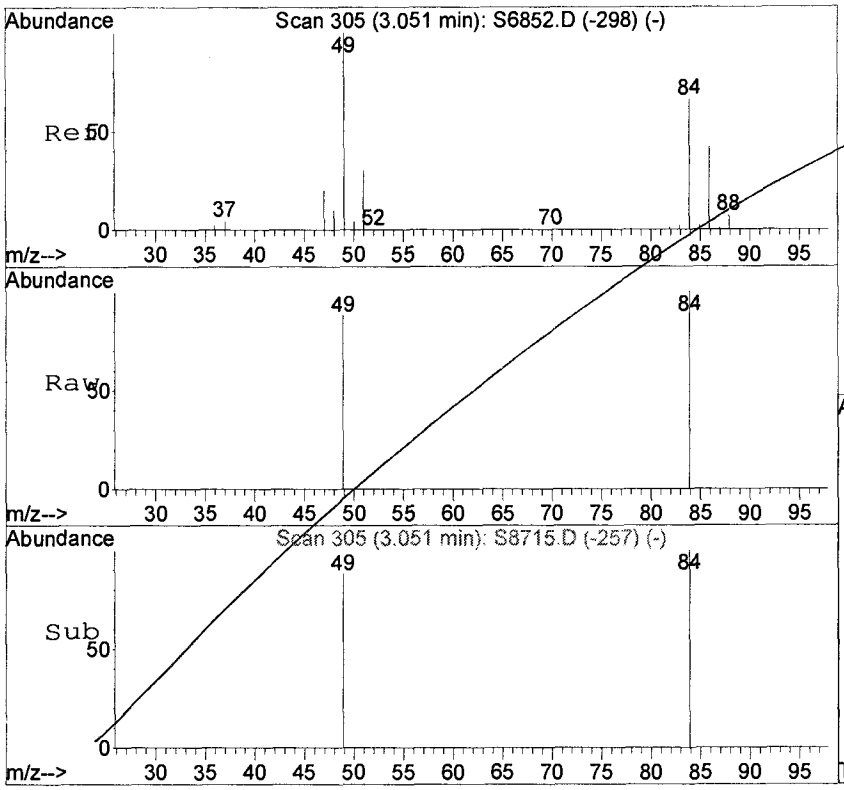


#4
C020 Vinyl chloride
Concen: 15.90 ng
RT: 1.54 min Scan# 56
Delta R.T. -0.01 min
Lab File: S8715.D
Acq: 8 Oct 2008 15:36

Tgt Ion: 62 Resp: 14549

Ion	Ratio	Lower	Upper
62	100		
64	34.3	9.4	69.4

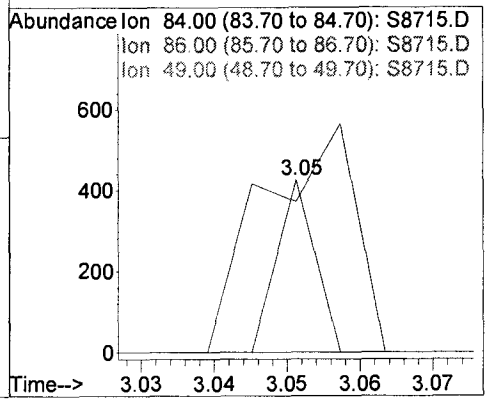


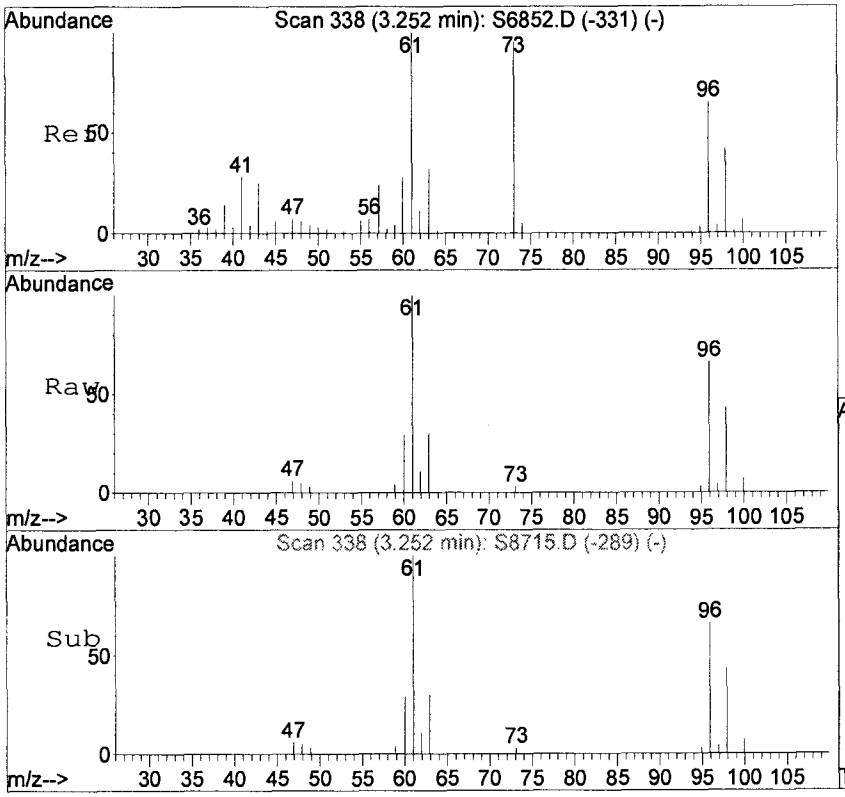


#9
C030 Methylene chloride
Concen: Below Cal
RT: 3.05 min Scan# 305
Delta R.T. -0.01 min
Lab File: S8715.D
Acq: 8 Oct 2008 15:36

Tgt Ion: 84 Resp: 155

Ion	Ratio	Lower	Upper
84	100		
86	0.0	31.9	91.9#
49	87.5	112.6	172.6#

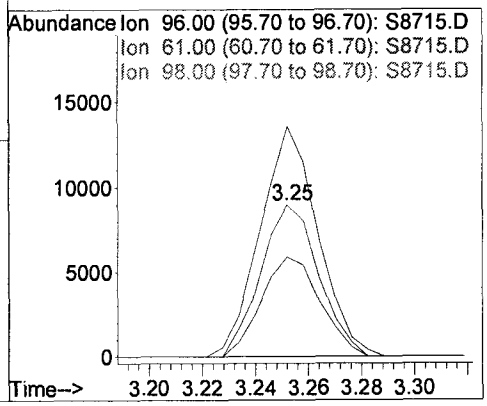


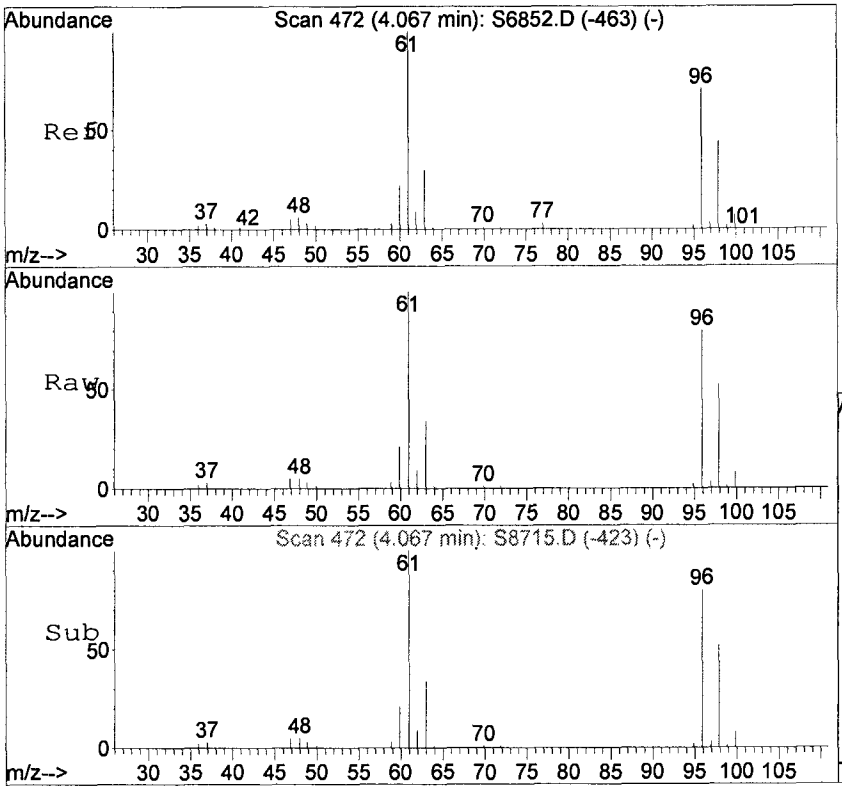


#18
C057 trans-1,2-Dichloroethene
Concen: 16.36 ng
RT: 3.25 min Scan# 338
Delta R.T. 0.00 min
Lab File: S8715.D
Acq: 8 Oct 2008 15:36

Tgt Ion: 96 Resp: 13641

Ion	Ratio	Lower	Upper
96	100		
61	151.4	111.5	171.5
98	65.8	33.0	93.0

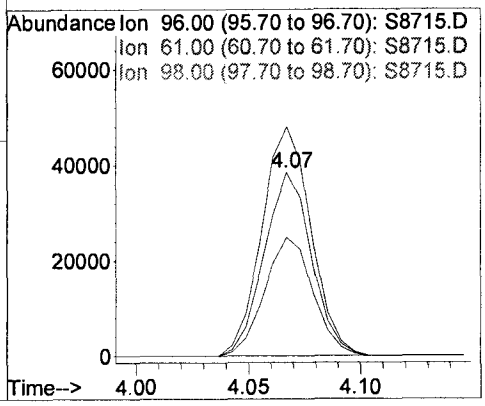


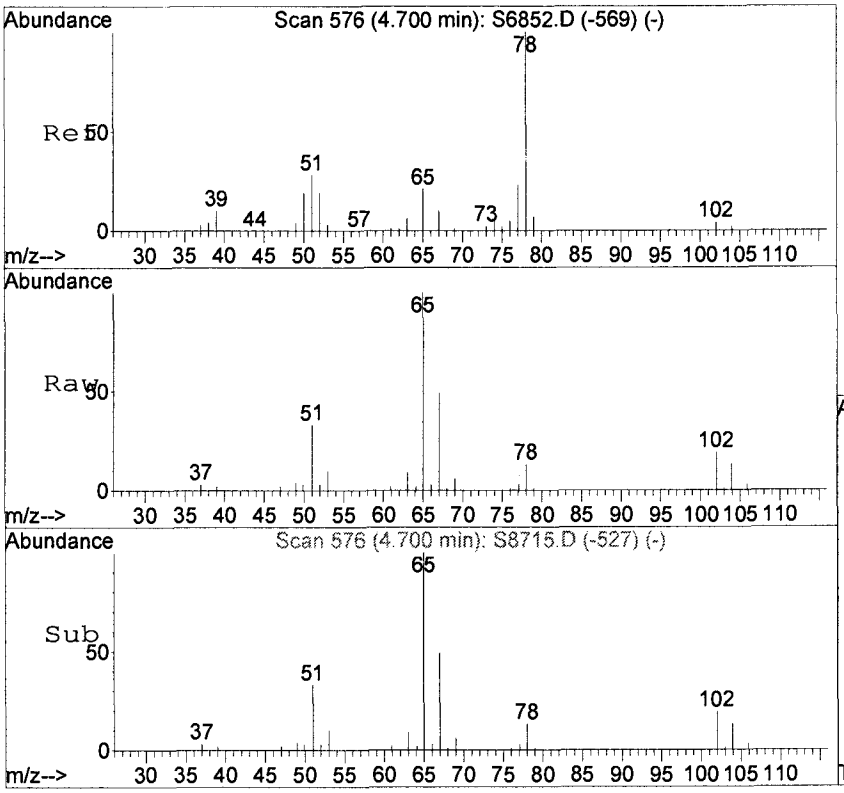


#23
C056 cis-1,2-Dichloroethene
Concen: 65.19 ng
RT: 4.07 min Scan# 472
Delta R.T. 0.00 min
Lab File: S8715.D
Acq: 8 Oct 2008 15:36

Tgt Ion: 96 Resp: 56511

Ion	Ratio	Lower	Upper
96	100		
61	125.0	99.9	159.9
98	64.7	31.8	91.8

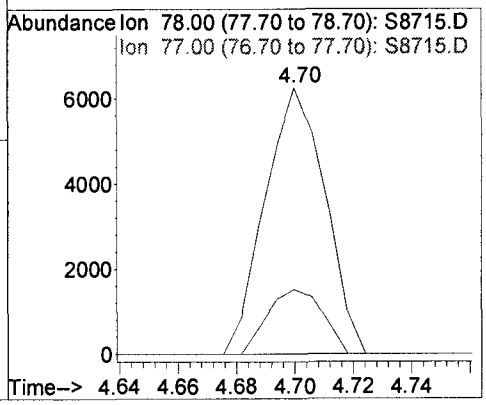




#32
C165 Benzene
Concen: 2.66 ng
RT: 4.70 min Scan# 576
Delta R.T. 0.00 min
Lab File: S8715.D
Acq: 8 Oct 2008 15:36

Tgt Ion: 78 Resp: 8929

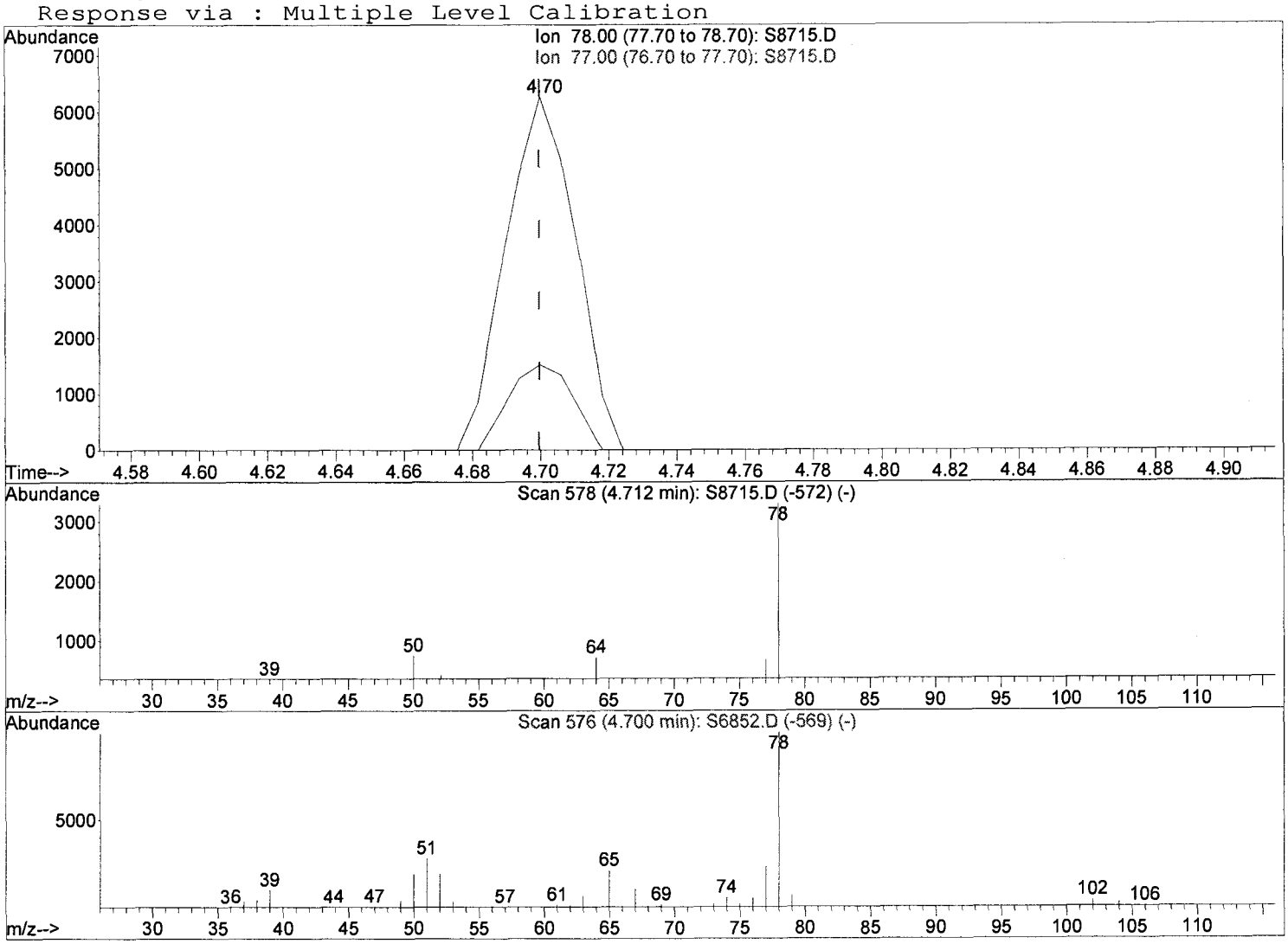
Ion	Ratio	Lower	Upper
78	100		
77	24.2	0.0	53.3



Data File : D:\MSDChem\S\Data\100808\S8715.D
Acq On : 8 Oct 2008 15:36
Sample : A8B79405
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:40 2008

Vial: 19
Operator: DHC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Multiple Level Calibration



TIC: S8715.D

(32) C165 Benzene (T)

4.70min (+0.000) 2.66ng

response 8929

Ion	Exp%	Act%
78.00	100	100
77.00	23.30	24.21
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8711.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	24	
71-43-2	Benzene	860	E
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	12	
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	180	E
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	2.9	J
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	130	E
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	23	
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	130	E
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8711.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

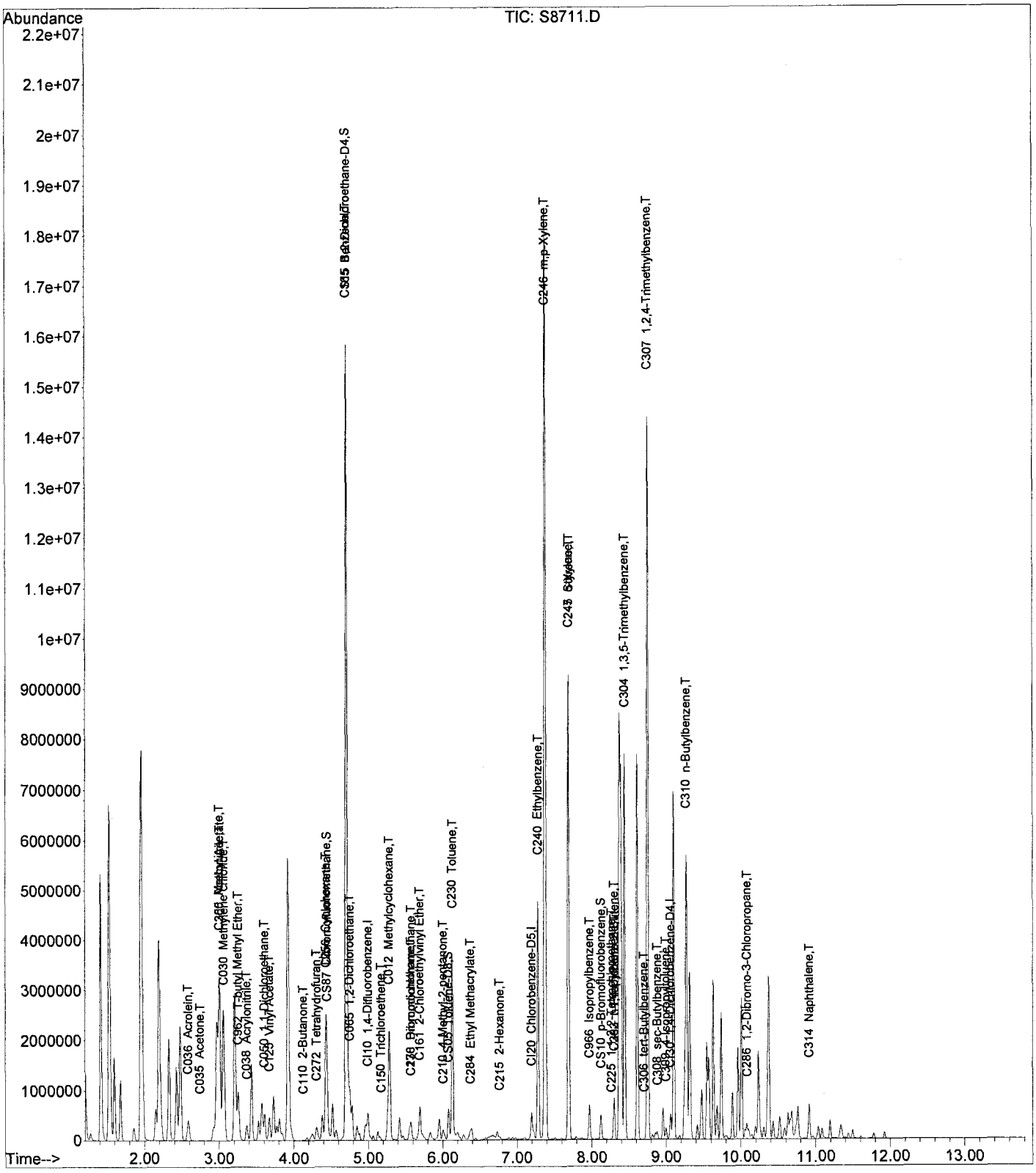
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	130	E
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	110	E
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	890	E

Data File : D:\MSDCHEM\S\DATA\100808\S8711.D
Acq On : 8 Oct 2008 13:59
Sample : A8B79401
Misc :
MS Integration Params: RTEINT.P

Vial: 15
Operator: DHC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Oct 08 17:32:18 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (No Reviewed)

Data File : D:\MSDCHEM\S\DATA\100808\S8711.D Vial: 15
Acq On : 8 Oct 2008 13:59 Operator: DHC
Sample : A8B79401 Inst : HP5973S
Misc : * DESHNT DLx 20 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:18 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SAE 10/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	236803	125.00	ng	0.00 84.34%
43) CI20	Chlorobenzene-D5	7.19	82	162768	125.00	ng	0.00 106.16%
63) CI30	1,4-Dichlorobenzene-	9.06	152	110556	125.00	ng	0.00 85.86%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.45	111	73659	125.64	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	100.51%	
31) CS15	1,2-Dichloroethane-D	4.70	65	87398	121.94	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	97.55%	
44) CS05	Toluene-D8	6.07	98	334660	99.61	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	79.69%	
62) CS10	p-Bromofluorobenzene	8.12	174	101548	110.22	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	88.18%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.07	84	119802	174.65	ng	# 1
10) C040	Carbon disulfide	2.78	76	2828	N.D.		
11) C036	Acrolein	2.58	56	64189	880.16	ng	NF # 79
12) C038	Acrylonitrile	3.37	53	14609	96.03	ng	# 45
13) C035	Acetone	2.73	43	12843	121.04	ng	100
14) C300	Acetonitrile	3.00	41	1057411	21575.65	ng	NF 45
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.25	73	857599	666.27	ng	# 1
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	3.00	43	2603032	5133.26	ng	# 56
20) C050	1,1-Dichloroethane	3.60	63	3975	3.20	ng	# 1
21) C125	Vinyl Acetate	3.67	43	11412	15.81	ng	# 75
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	4.30	42	2354	26.18	ng	# 39
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	4.35	83	2172	N.D.		
28) C115	1,1,1-Trichloroeth	4.45	97	611	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.71	78	12050071	4285.69	ng	99
33) C065	1,2-Dichloroethane	4.75	62	12239	14.67	ng	85
34) C110	2-Butanone	4.13	43	8369	57.95	ng	93
35) C256	Cyclohexane	4.43	56	1076990	922.69	ng	87
36) C150	Trichloroethene	5.17	95	2708	3.81	ng	# 21
37) C140	1,2-Dichloropropan	5.42	63	1481	N.D.		
38) C278	Dibromomethane	5.56	93	1872	6.01	ng	# 1

@ 10-14-08

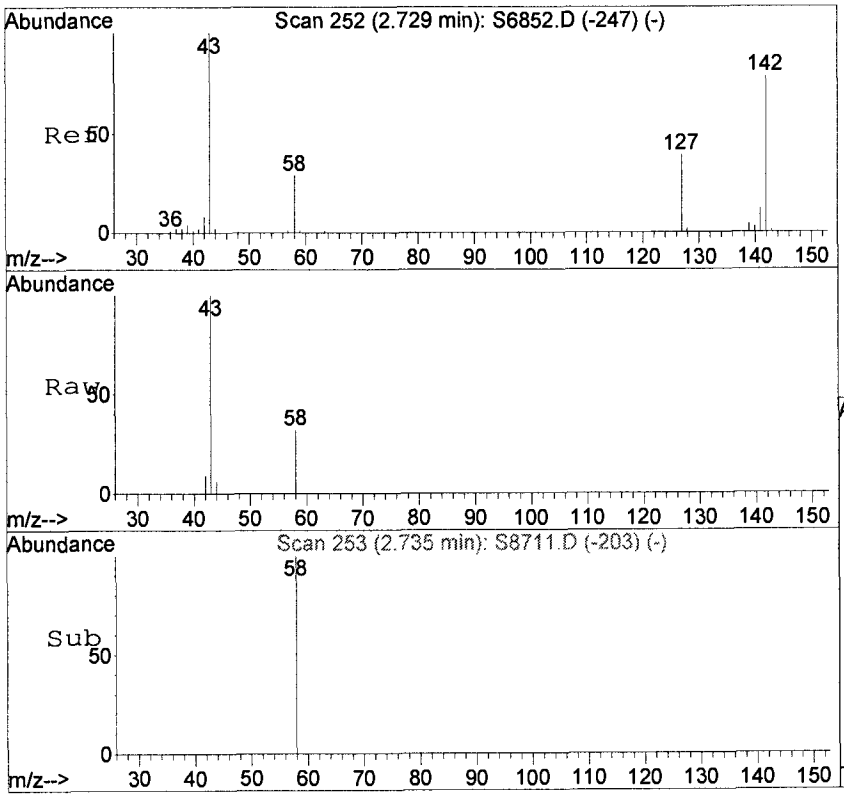
Quantitation Report TA Buffalo (No Spaces Allowed)

Data File : D:\MSDCHEM\S\DATA\100808\S8711.D Vial: 15
Acq On : 8 Oct 2008 13:59 Operator: DHC
Sample : A8B79401 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:18 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	3723	4.79	ng	#	26
40) C161	2-Chloroethylvinyl E	5.69	63	6477	23.46	ng	#	1
41) C012	Methylcyclohexane	5.28	83	722741	642.26	ng	#	87
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
45) C230	Toluene	6.13	92	1260797	536.42	ng		94
46) C170	trans-1,3-Dichloro	6.21	75	507	N.D.			
47) C284	Ethyl Methacrylate	6.37	69	14591	23.41	ng	#	1
48) C160	1,1,2-Trichloroeth	6.45	83	599	N.D.			
49) C210	4-Methyl-2-pentanone	6.01	43	7167	18.04	ng	#	35
50) C220	Tetrachloroethene	6.54	166	980	N.D.			
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
52) C155	Dibromochlorometha	0.00	129	0	N.D.			
53) C163	1,2-Dibromoethane	6.85	107	139	N.D.			
54) C215	2-Hexanone	6.77	43	3929	15.36	ng		77
55) C235	Chlorobenzene	7.36	112	1305	N.D.			
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
57) C240	Ethylbenzene	7.28	91	2907783	673.02	ng		94
58) C246	m,p-Xylene	7.38	106	4658645	2992.68	ng		87
59) C247	o-Xylene	7.69	106	2037332	1439.80	ng	#	80
60) C245	Styrene	7.69	104	114388	49.54	ng	#	1
61) C180	Bromoform	0.00	173	0	N.D.			
64) C966	Isopropylbenzene	7.97	105	373859	114.63	ng		97
65) C301	Bromobenzene	0.00	156	0	N.D.			
66) C225	1,1,2,2-Tetrachloroe	8.26	83	1690	3.26	ng	#	26
67) C282	1,2,3-Trichloropro	8.30	110	138	N.D.			
68) C283	t-1,4-Dichloro-2-But	8.30	51	26000	256.86	ng	#	1
69) C302	n-Propylbenzene	8.30	91	522941	123.20	ng		92
70) C303	2-Chlorotoluene	8.39	126	595	N.D.			
71) C289	4-Chlorotoluene	8.51	126	482	N.D.			
72) C304	1,3,5-Trimethylbenze	8.44	105	3625409	1310.51	ng		91
73) C306	tert-Butylbenzene	8.70	134	2209	3.94	ng	#	84
74) C307	1,2,4-Trimethylbenze	8.75	105	7506273	2778.47	ng		94
75) C308	sec-Butylbenzene	8.88	105	77763	24.98	ng		94
76) C260	1,3-Dichlorobenzen	9.08	146	500	N.D.			
77) C309	4-Isopropyltoluene	8.99	119	104899	37.74	ng		92
78) C267	1,4-Dichlorobenzen	9.08	146	500	N.D.			
79) C249	1,2-Dichlorobenzen	9.39	146	309	N.D.			
80) C310	n-Butylbenzene	9.27	91	564767	230.33	ng		55
81) C286	1,2-Dibromo-3-Chloro	10.08	75	2103	29.34	ng	#	1
82) C313	1,2,4-Trichloroben	10.71	180	1093	N.D.			
83) C316	Hexachlorobutadien	0.00	225	0	N.D.			
84) C314	Naphthalene	10.91	128	430193	298.76	ng		94
85) C934	1,2,3-Trichloroben	11.11	180	175	N.D.			

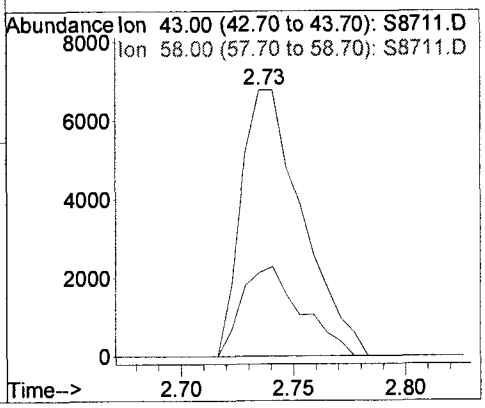
(#) = qualifier out of range (m) = manual integration (+) = signals summed

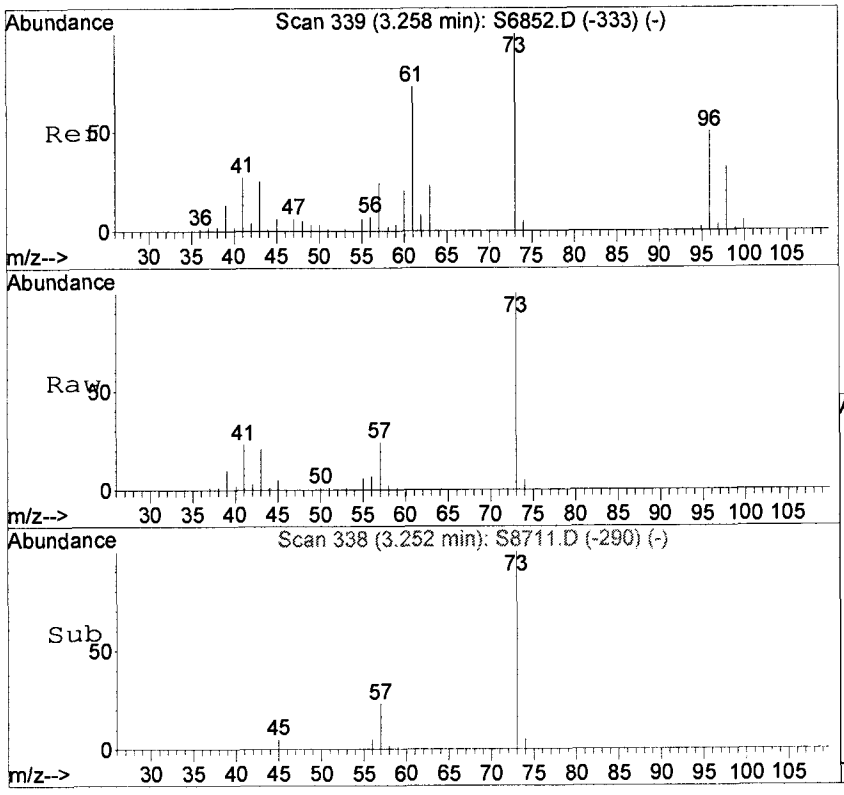


#13
C035 Acetone
Concen: 121.04 ng
RT: 2.73 min Scan# 253
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 43 Resp: 12843

Ion	Ratio	Lower	Upper
43	100		
58	31.5	1.4	61.4

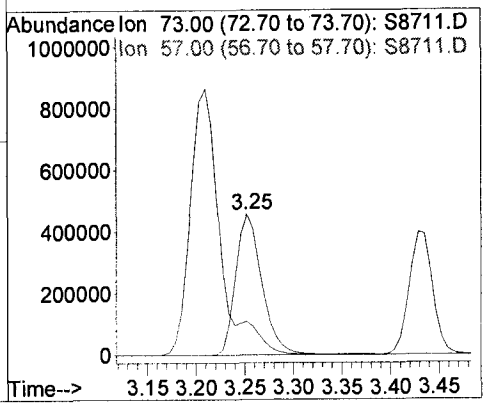


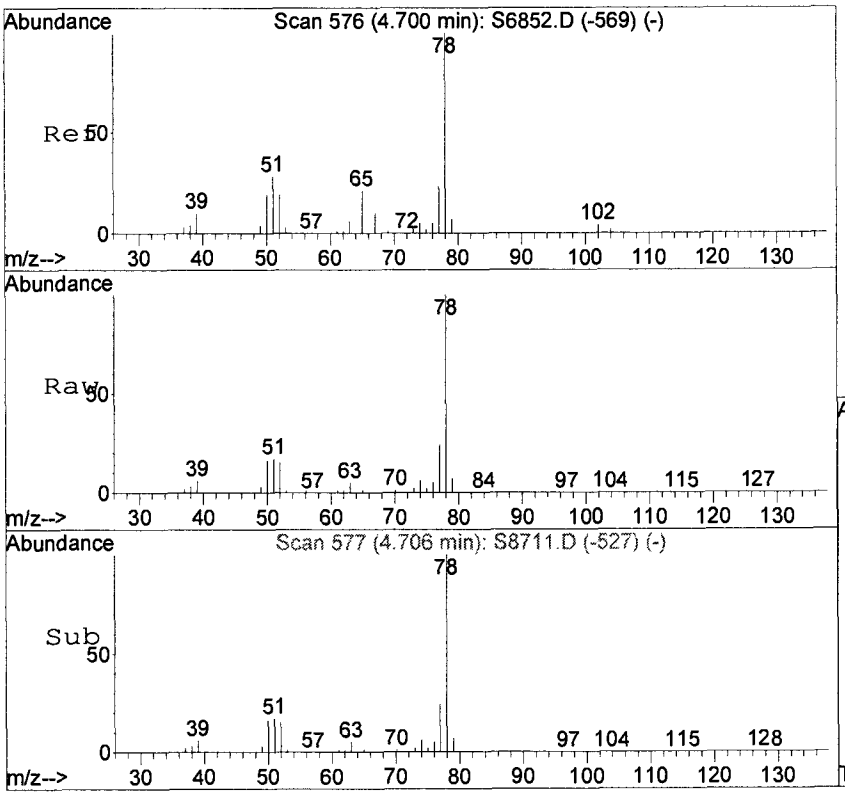


#17
C962 T-butyl Methyl Ether
Concen: 666.27 ng
RT: 3.25 min Scan# 338
Delta R.T. -0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 73 Resp: 857599

Ion	Ratio	Lower	Upper
73	100		
57	215.2	0.0	50.5#

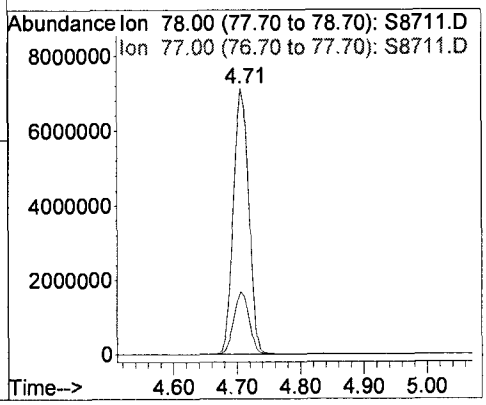


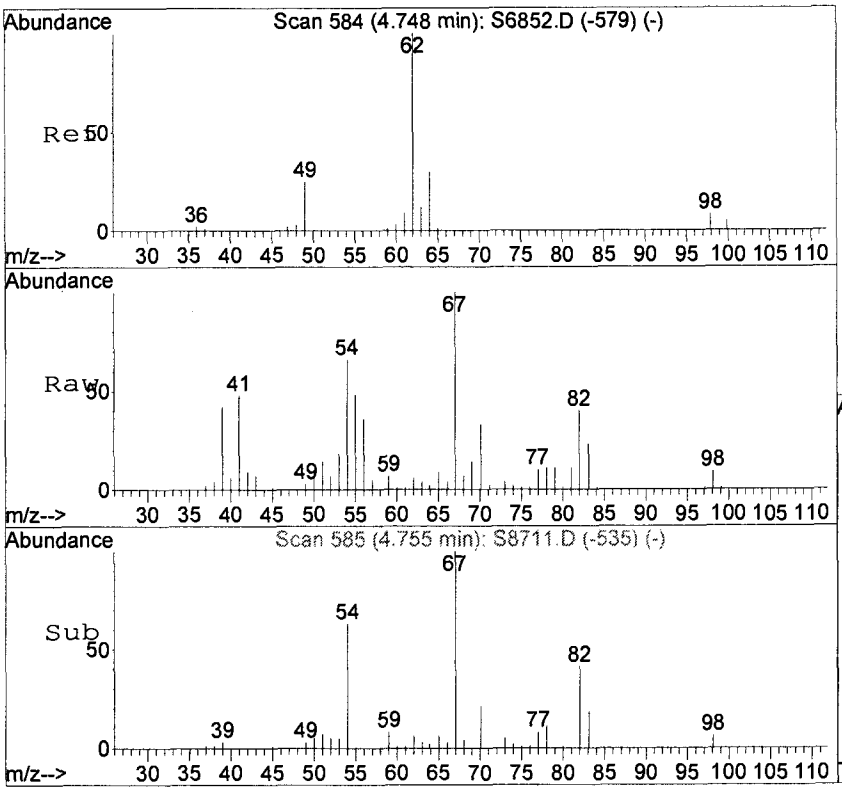


#32
C165 Benzene
Concen: 4285.69 ng
RT: 4.71 min Scan# 577
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 78 Resp:12050071

Ion	Ratio	Lower	Upper
78	100		
77	23.6	0.0	53.3

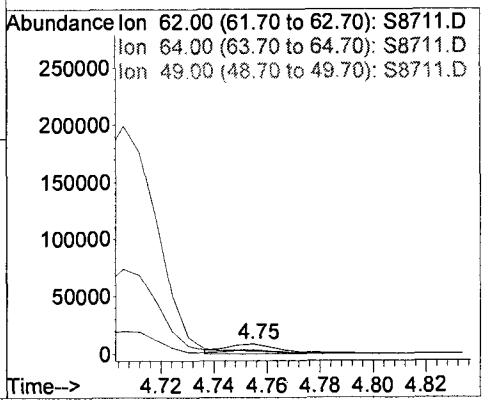


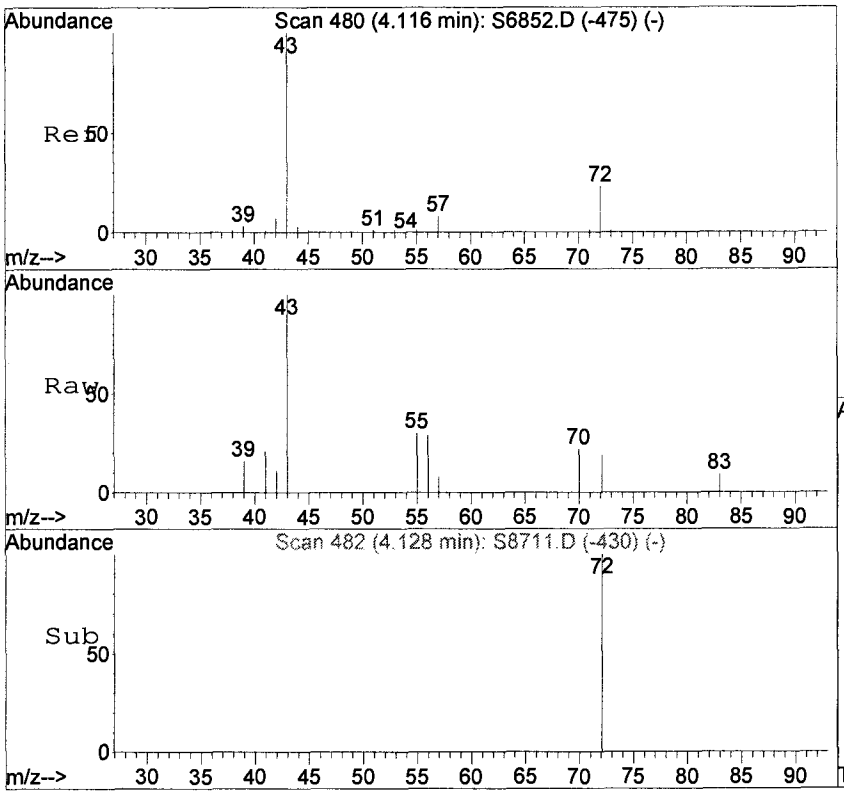


#33
C065 1,2-Dichloroethane
Concen: 14.67 ng
RT: 4.75 min Scan# 585
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 62 Resp: 12239

Ion	Ratio	Lower	Upper
62	100		
64	29.1	1.5	61.5
49	41.2	0.0	56.9

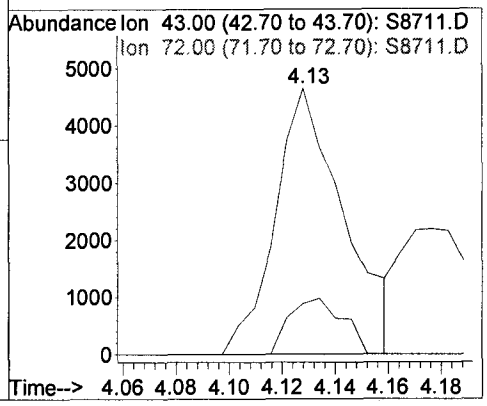


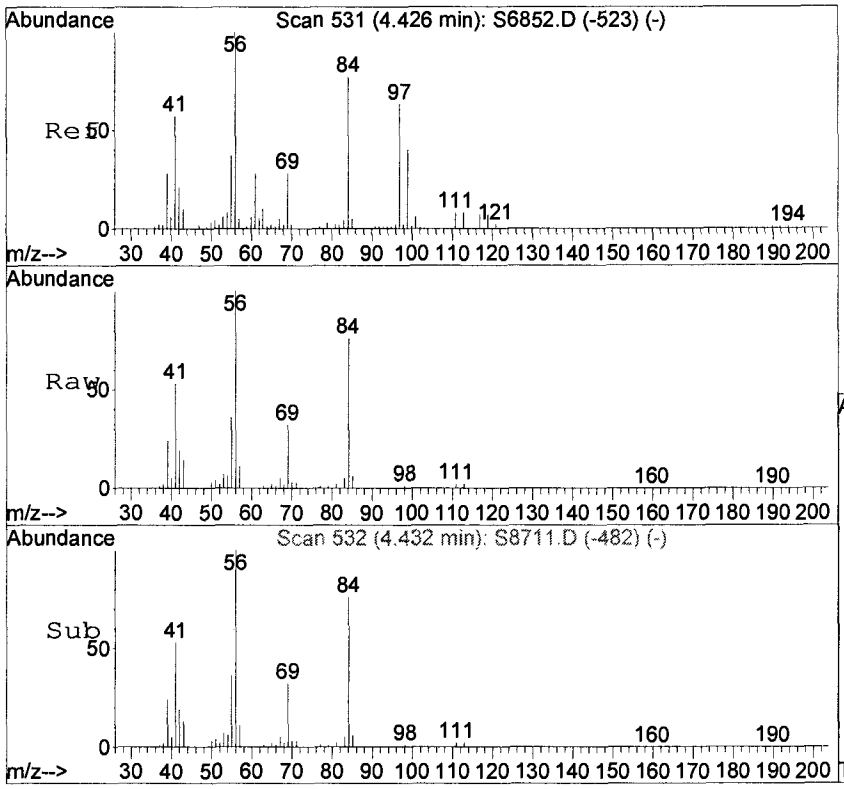


#34
C110 2-Butanone
Concen: 57.95 ng
RT: 4.13 min Scan# 482
Delta R.T. 0.02 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 43 Resp: 8369

Ion	Ratio	Lower	Upper
43	100		
72	19.0	0.0	52.2

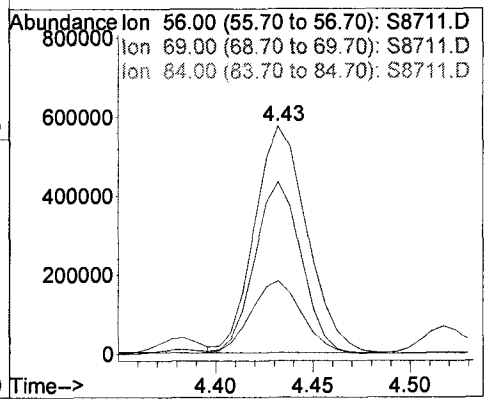


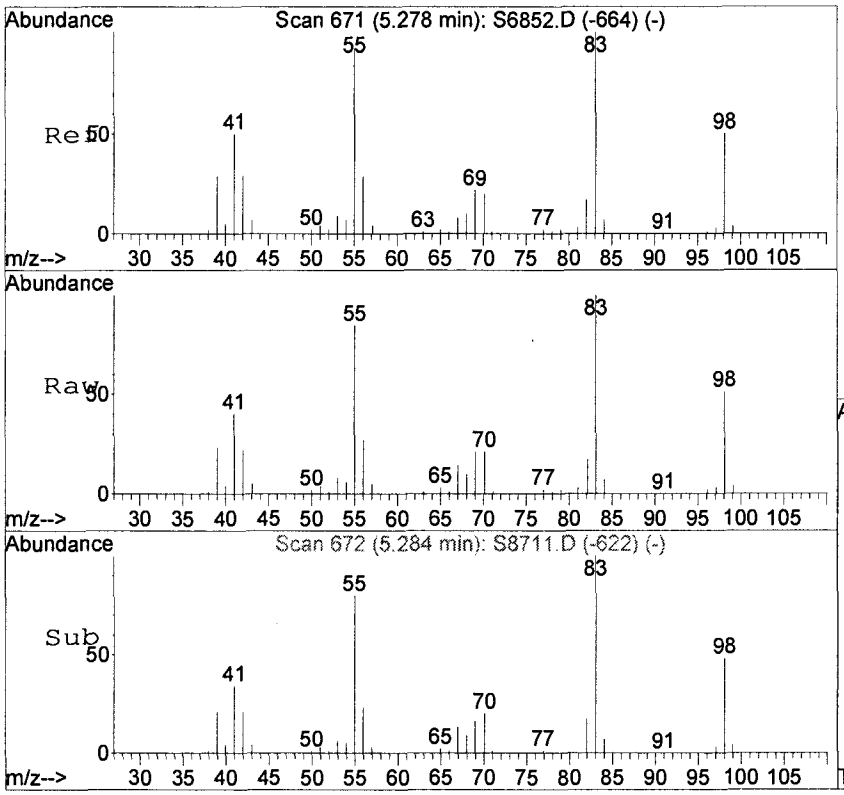


#35
C256 Cyclohexane
Concen: 922.69 ng
RT: 4.43 min Scan# 532
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 56 Resp: 1076990

Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.8	35.8
84	68.3	66.2	99.4

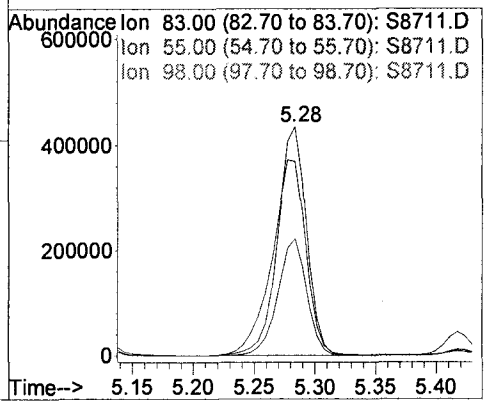


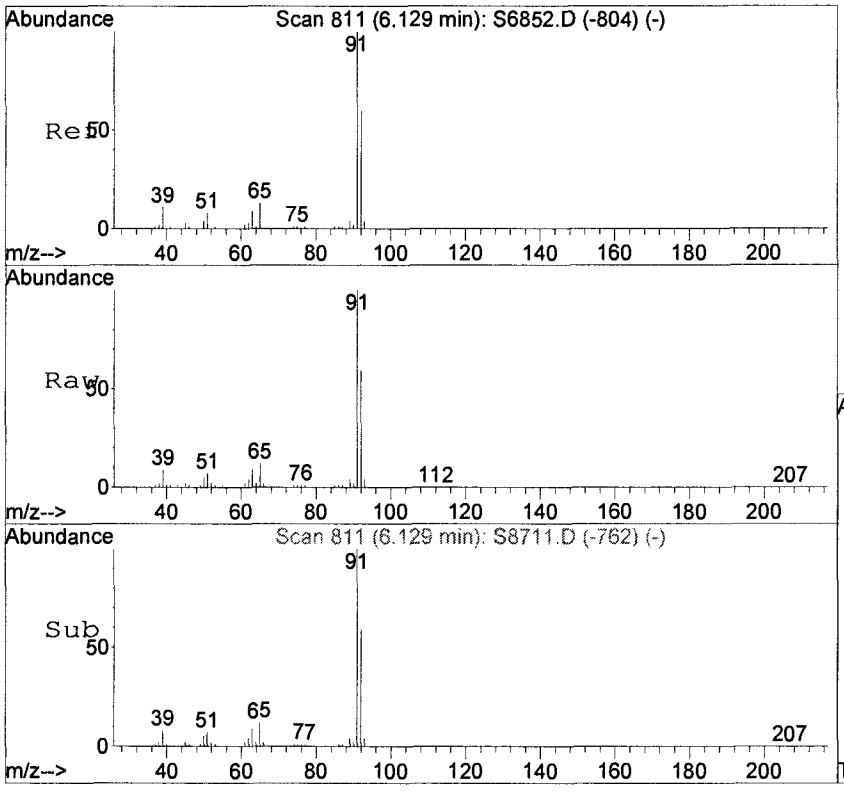


#41
C012 Methylcyclohexane
Concen: 642.26 ng
RT: 5.28 min Scan# 672
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 83 Resp: 722741

Ion	Ratio	Lower	Upper
83	100		
55	100.5	65.8	98.6#
98	51.0	40.2	60.4

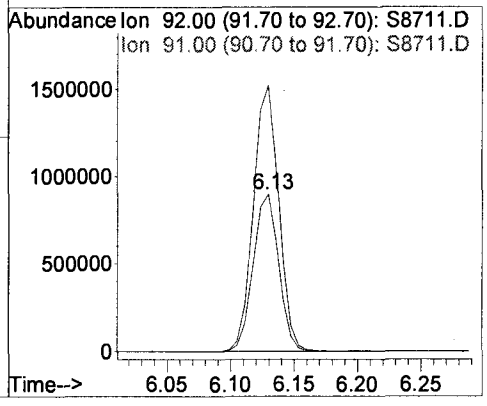


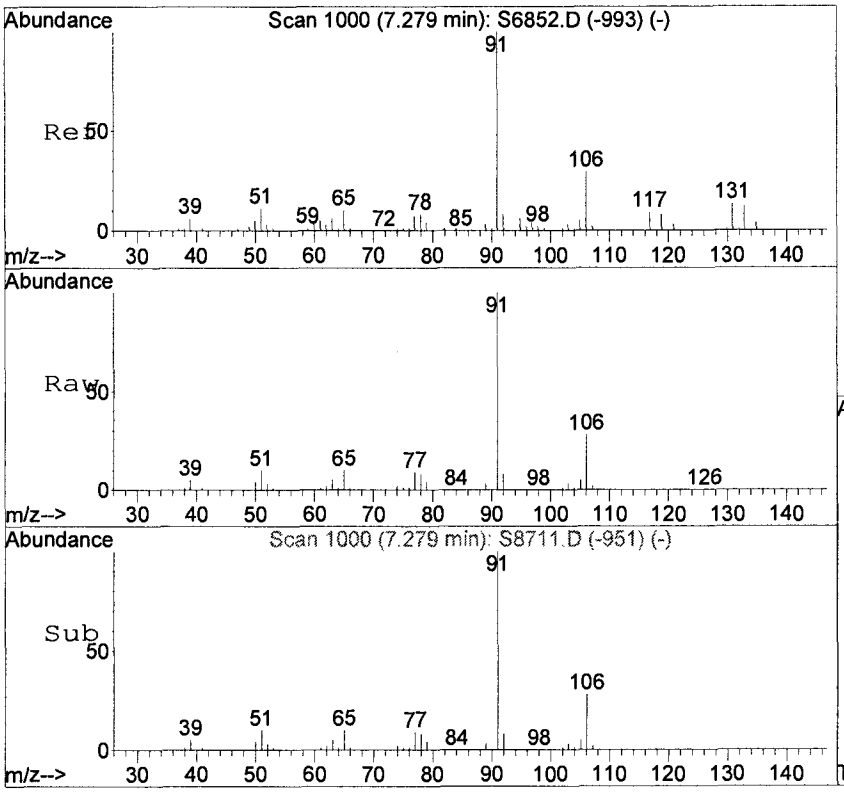


#45
C230 Toluene
Concen: 536.42 ng
RT: 6.13 min Scan# 811
Delta R.T. 0.00 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 92 Resp: 1260797

Ion	Ratio	Lower	Upper
92	100		
91	169.4	131.1	191.1

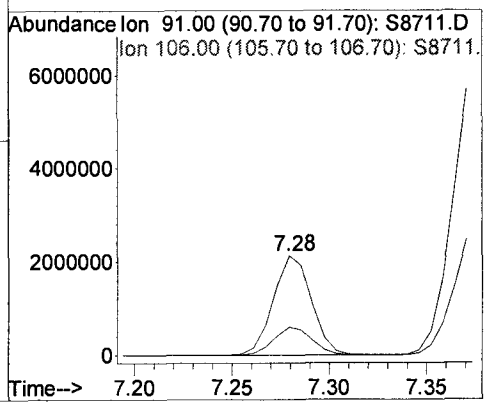


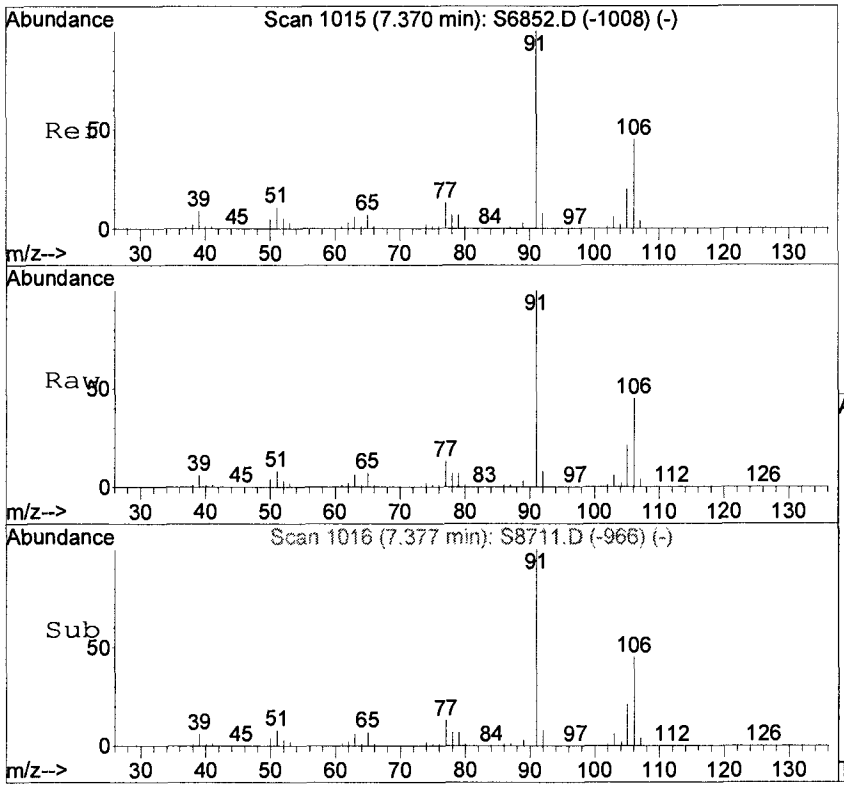


#57
C240 Ethylbenzene
Concen: 673.02 ng
RT: 7.28 min Scan# 1000
Delta R.T. 0.00 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 91 Resp: 2907783

Ion	Ratio	Lower	Upper
91	100		
106	28.4	1.6	61.6

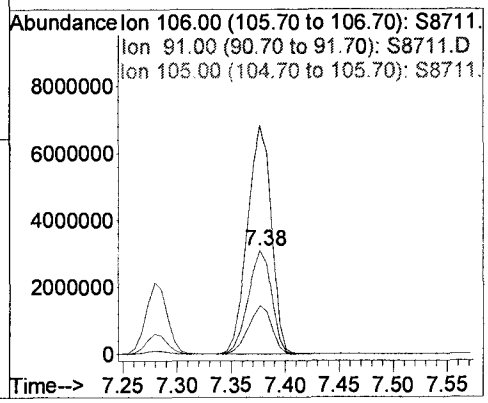


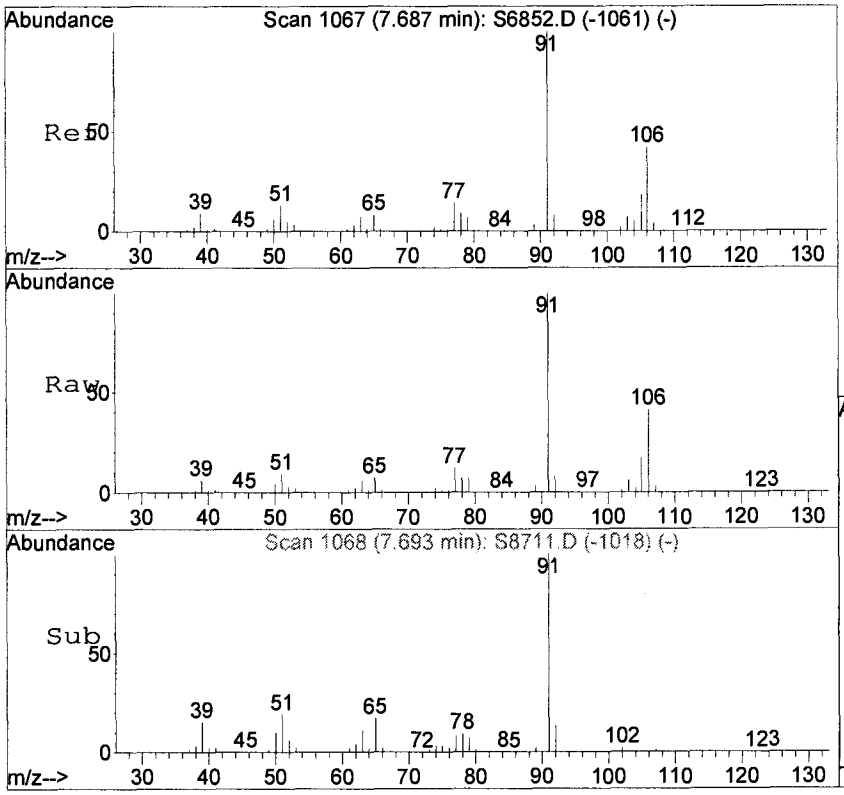


#58
C246 m,p-Xylene
Concen: 2992.68 ng
RT: 7.38 min Scan# 1016
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:106 Resp: 4658645

Ion	Ratio	Lower	Upper
106	100		
91	220.5	167.2	227.2
105	46.8	15.1	75.1

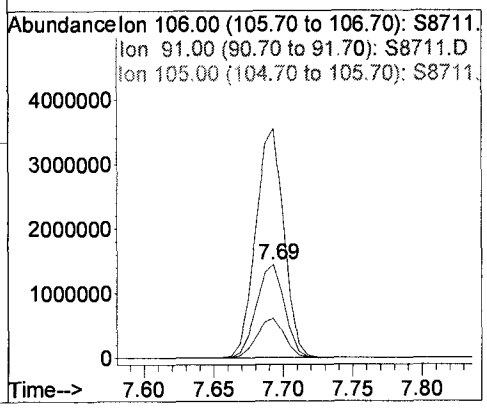


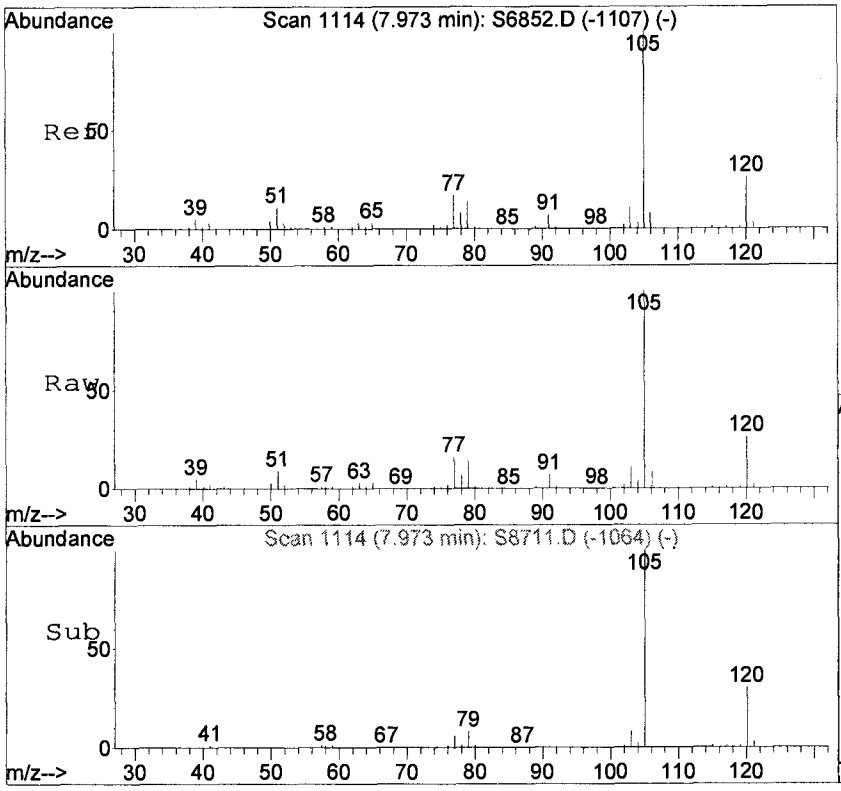


#59
C247 o-Xylene
Concen: 1439.80 ng
RT: 7.69 min Scan# 1068
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:106 Resp: 2037332

Ion	Ratio	Lower	Upper
106	100		
91	245.3	179.4	239.4#
105	42.0	15.7	75.7

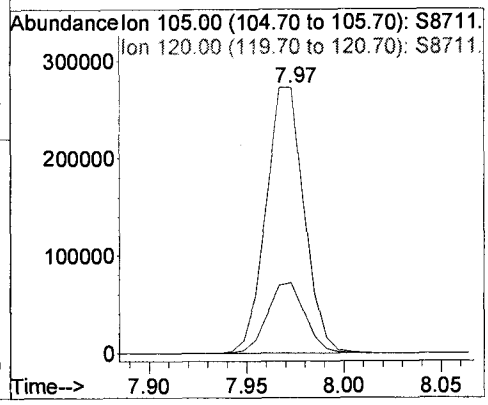


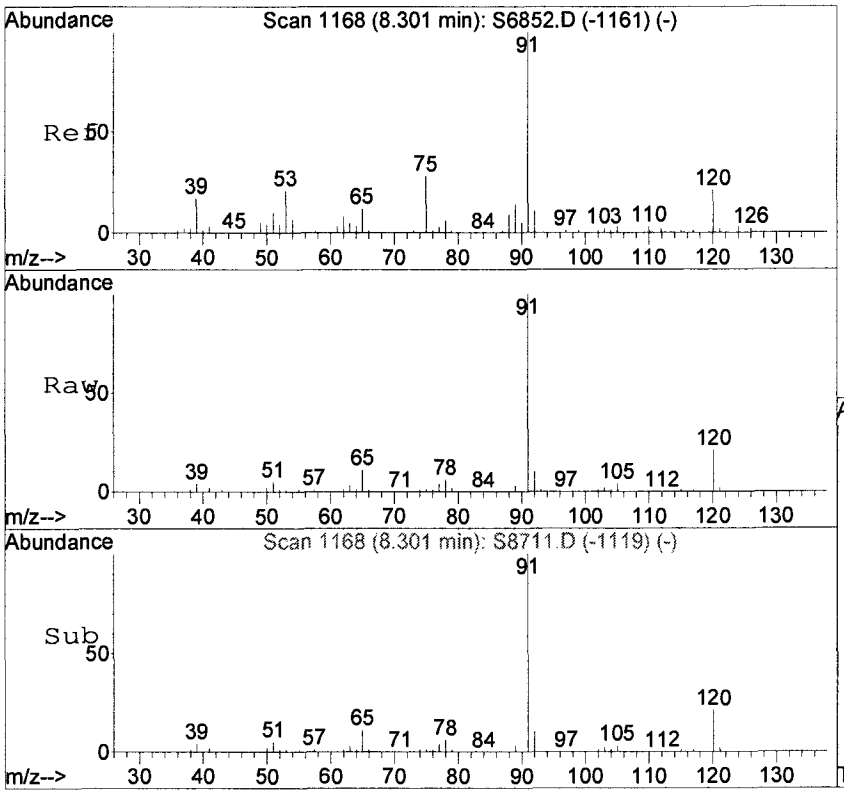


#64
C966 Isopropylbenzene
Concen: 114.63 ng
RT: 7.97 min Scan# 1114
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:105 Resp: 373859

Ion	Ratio	Lower	Upper
105	100		
120	26.4	0.0	58.1

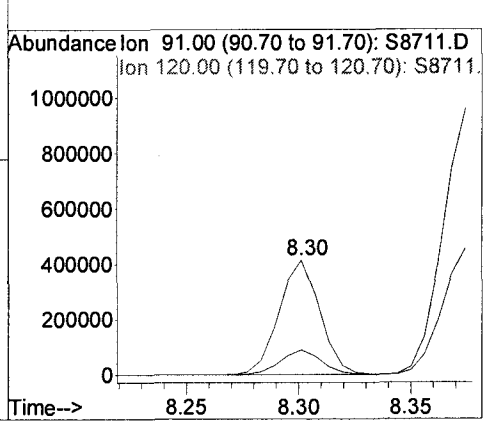


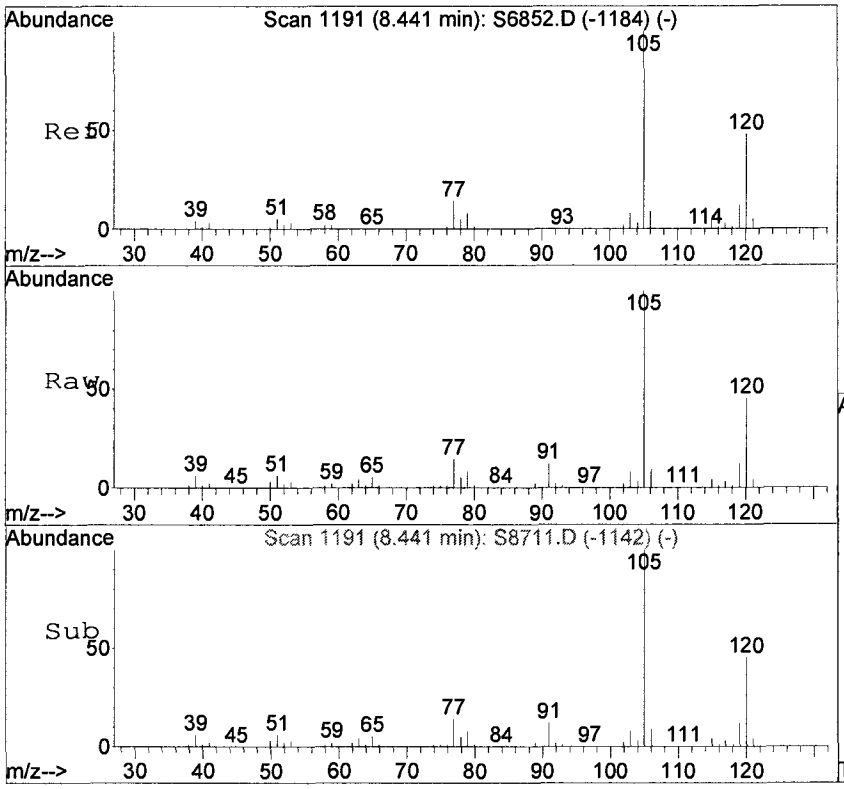


#69
C302 n-Propylbenzene
Concen: 123.20 ng
RT: 8.30 min Scan# 1168
Delta R.T. 0.00 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion: 91 Resp: 522941

Ion	Ratio	Lower	Upper
91	100		
120	21.3	0.0	55.5

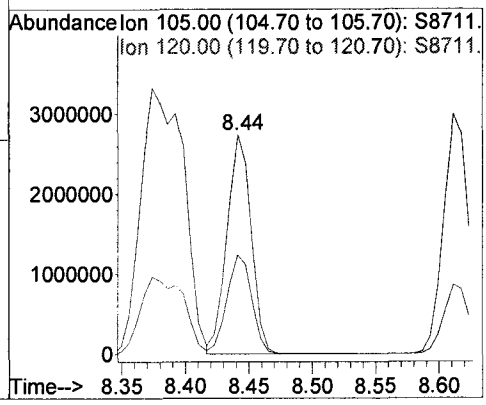


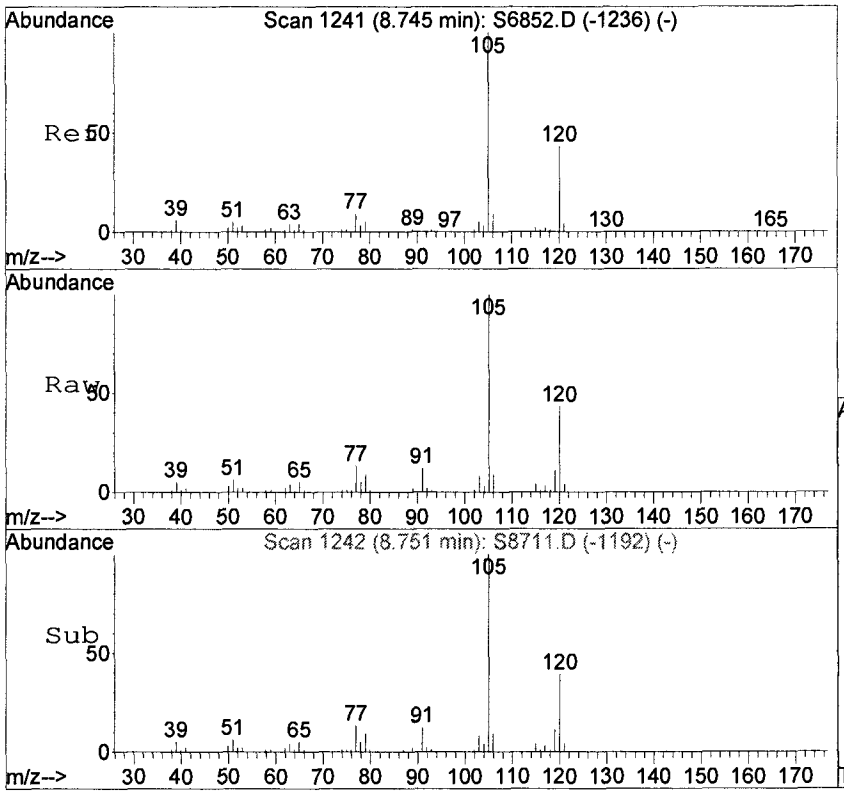


#72
C304 1,3,5-Trimethylbenzene
Concen: 1310.51 ng
RT: 8.44 min Scan# 1191
Delta R.T. 0.00 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:105 Resp: 3625409

Ion	Ratio	Lower	Upper
105	100		
120	45.2	21.2	81.2

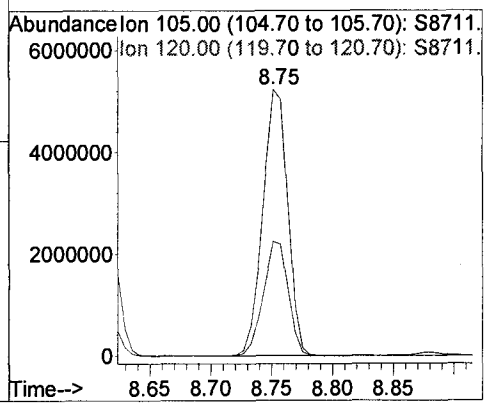


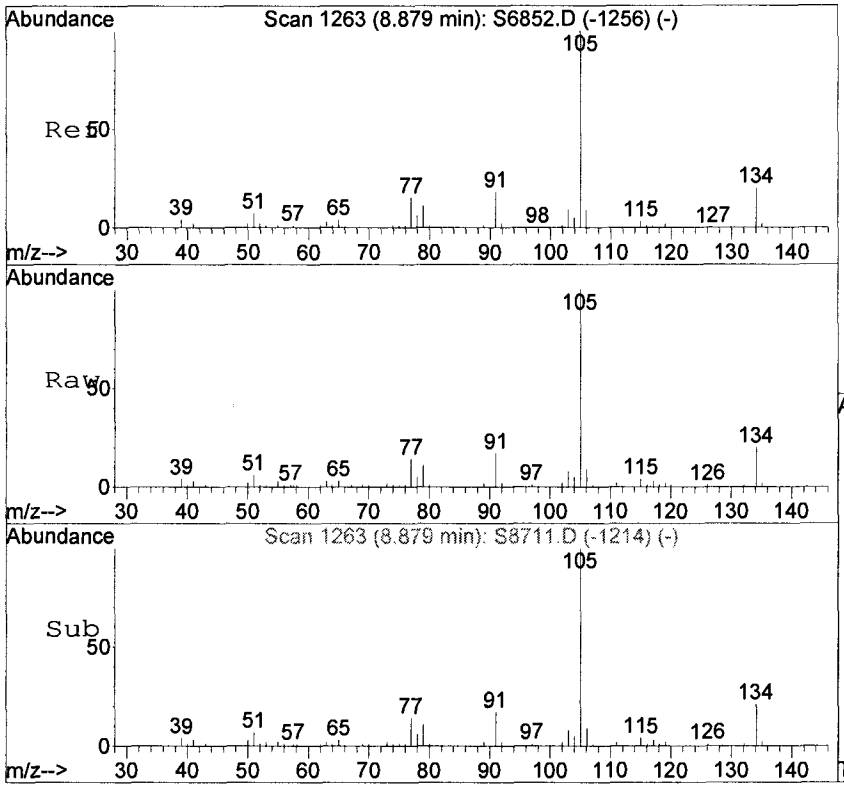


#74
C307 1,2,4-Trimethylbenzene
Concen: 2778.47 ng
RT: 8.75 min Scan# 1242
Delta R.T. 0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:105 Resp: 7506273

Ion	Ratio	Lower	Upper
105	100		
120	42.8	17.1	77.1

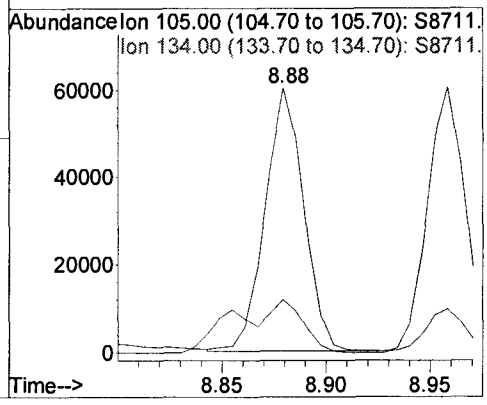


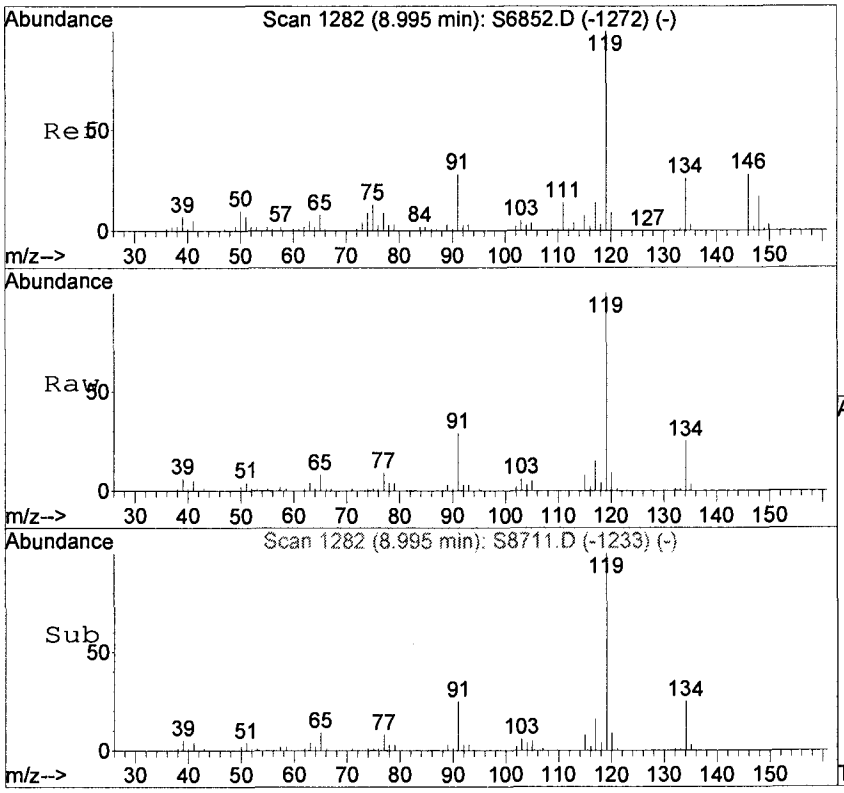


#75
C308 sec-Butylbenzene
Concen: 24.98 ng
RT: 8.88 min Scan# 1263
Delta R.T. 0.00 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:105 Resp: 77763

Ion	Ratio	Lower	Upper
105	100		
134	19.9	0.0	52.6

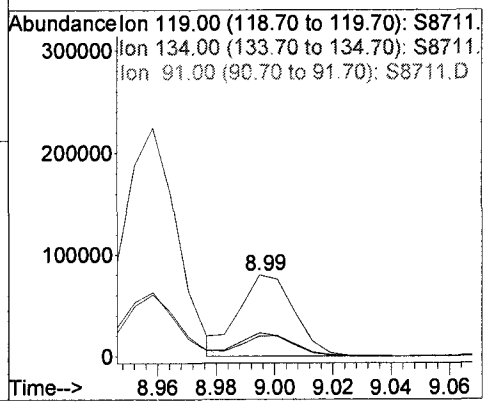


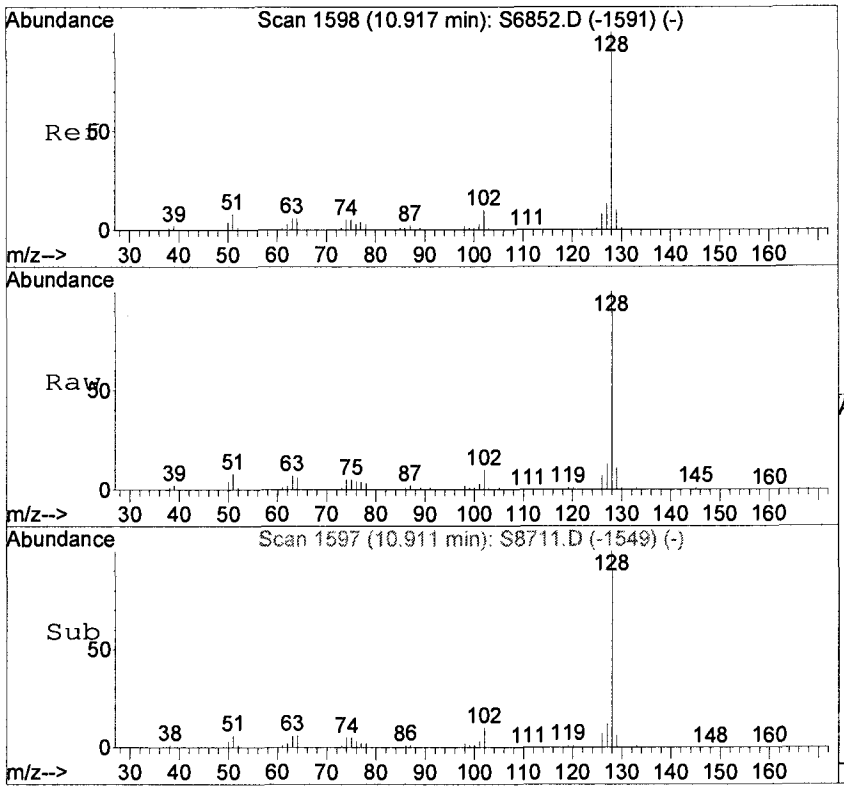


#77
C309 4-Isopropyltoluene
Concen: 37.74 ng
RT: 8.99 min Scan# 1282
Delta R.T. 0.00 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:119 Resp: 104899

Ion	Ratio	Lower	Upper
119	100		
134	24.5	0.0	57.8
91	28.7	0.0	53.6

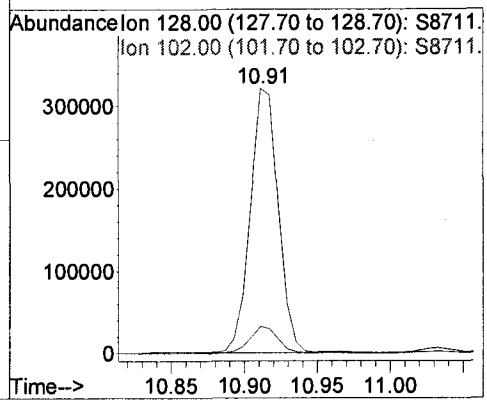




#84
C314 Naphthalene
Concen: 298.76 ng
RT: 10.91 min Scan# 1597
Delta R.T. -0.01 min
Lab File: S8711.D
Acq: 8 Oct 2008 13:59

Tgt Ion:128 Resp: 430193

Ion	Ratio	Lower	Upper
128	100		
102	10.1	0.0	38.1



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0132.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	400	U
71-43-2	Benzene	1400	D
75-27-4	Bromodichloromethane	100	U
75-25-2	Bromoform	100	U
74-83-9	Bromomethane	100	U
78-93-3	2-Butanone	200	U
75-15-0	Carbon Disulfide	200	U
56-23-5	Carbon Tetrachloride	100	U
108-90-7	Chlorobenzene	100	U
75-00-3	Chloroethane	100	U
67-66-3	Chloroform	100	U
74-87-3	Chloromethane	100	U
110-82-7	Cyclohexane	210	D
106-93-4	1,2-Dibromoethane	100	U
124-48-1	Dibromochloromethane	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	U
95-50-1	1,2-Dichlorobenzene	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
75-71-8	Dichlorodifluoromethane	100	U
75-34-3	1,1-Dichloroethane	100	U
107-06-2	1,2-Dichloroethane	100	U
75-35-4	1,1-Dichloroethene	100	U
156-59-2	cis-1,2-Dichloroethene	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
10061-02-6	trans-1,3-Dichloropropene	100	U
100-41-4	Ethylbenzene	260	D
591-78-6	2-Hexanone	200	U
98-82-8	Isopropylbenzene	31	DJ
79-20-9	Methyl acetate	200	U
108-87-2	Methylcyclohexane	130	DJ
75-09-2	Methylene chloride	100	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0132.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

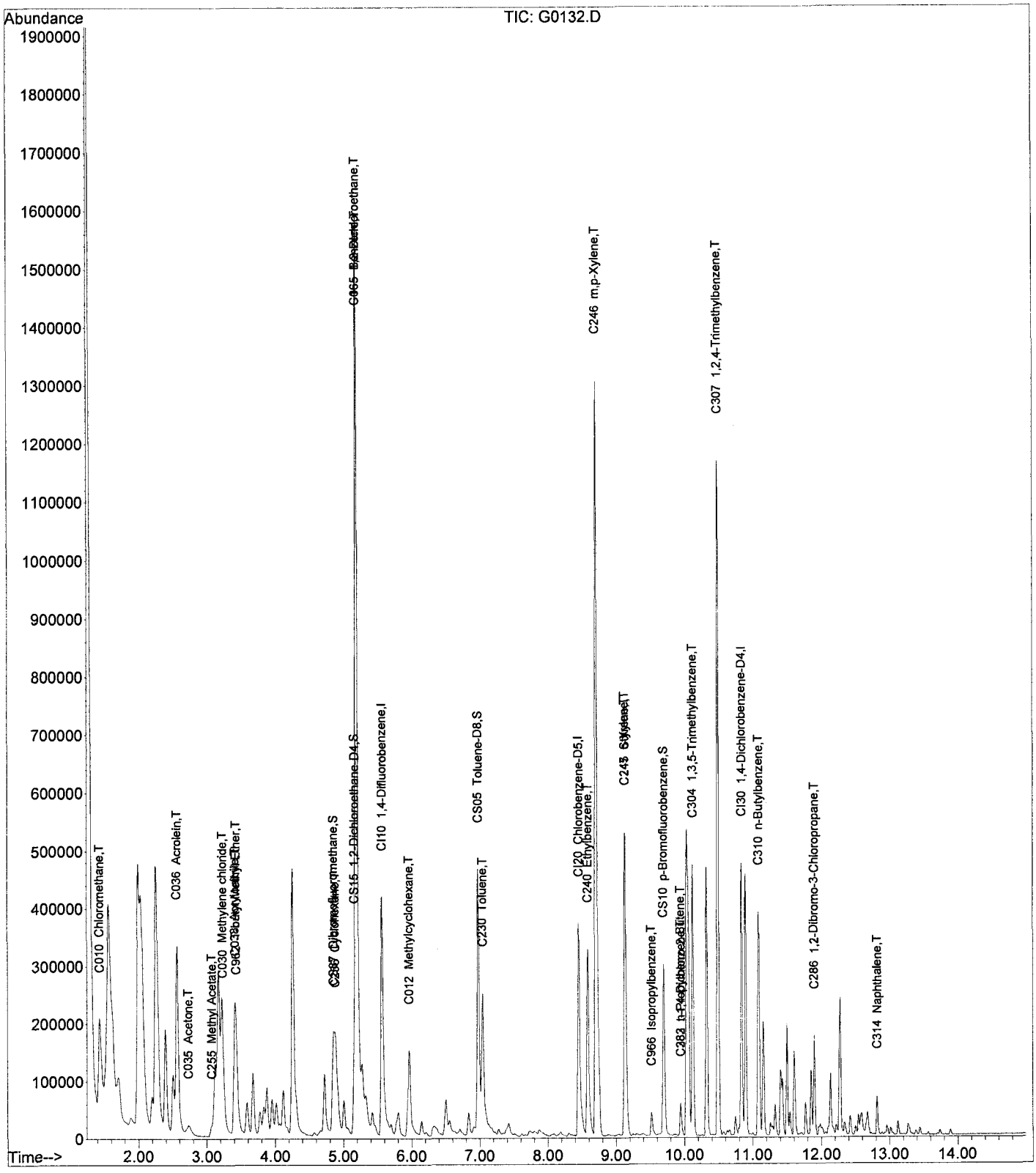
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 20.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	U
100-42-5	Styrene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	180	D
120-82-1	1,2,4-Trichlorobenzene	100	U
71-55-6	1,1,1-Trichloroethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
75-69-4	Trichlorofluoromethane	100	U
79-01-6	Trichloroethene	100	U
75-01-4	Vinyl chloride	100	U
1330-20-7	Total Xylenes	1500	D

Data File : D:\MSDCHEM\G\DATA\100808\G0132.D Vial: 15
Acq On : 8 Oct 2008 22:34 Operator: ND
Sample : A8B79401DL DF20 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 09 08:04:10 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Oct 09 08:03:46 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Data File : D:\MSDCHEM\G\DATA\100808\G0132.D Vial: 15
Acq On : 8 Oct 2008 22:34 Operator: ND
Sample : A8B79401DL DF20 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 09 08:04:10 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Oct 09 08:03:46 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	5.57	114	377287	125.00	ng	0.00 98.08%
43) CI20 Chlorobenzene-D5	8.46	82	146516	125.00	ng	0.00 96.55%
63) CI30 1,4-Dichlorobenzene-	10.84	152	136821	125.00	ng	0.00 93.14%
System Monitoring Compounds						
26) CS87 Dibromofluoromethane	4.86	111	104108	126.96	NG	0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 101.57%			
31) CS15 1,2-Dichloroethane-D	5.17	65	121259	133.04	ng	0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 106.43%			
44) CS05 Toluene-D8	6.98	98	403738	130.97	ng	0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 104.78%			
62) CS10 p-Bromofluorobenzene	9.71	174	104682	128.42	ng	0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 102.74%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorome	0.00	85	0	N.D.		
3) C010 Chloromethane	1.44	50	3994	2.53	ng	70
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	1.85	94	252	Below Cal		79
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluoromet	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	3.24	84	20673	10.98	ng	# 2
10) C040 Carbon disulfide	2.90	76	924	N.D.		
11) C036 Acrolein	2.57	56	15575	90.69	ng	# 1
12) C038 Acrylonitrile	3.42	53	7451	15.07	ng	# 38
13) C035 Acetone	2.73	43	20184	50.91	ng	57
14) C300 Acetonitrile	3.07	41	9799	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	3.44	73	115286	31.14	ng	# 1
18) C057 trans-1,2-Dichloro	3.38	96	57	N.D.		
19) C255 Methyl Acetate	3.07	43	6429	3.15	ng	# 56
20) C050 1,1-Dichloroethane	3.84	63	58	N.D.		
21) C125 Vinyl Acetate	3.88	43	2346	N.D.		
22) C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	4.67	42	73	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
27) C060 Chloroform	4.73	83	3082	N.D.		
28) C115 1,1,1-Trichloroeth	4.88	97	57	N.D.		
29) C120 Carbon tetrachlori	0.00	117	0	N.D.		
30) C116 1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165 Benzene	5.20	78	1730689	361.03	ng	99
33) C065 1,2-Dichloroethane	5.20	62	14372	9.14	ng	# 1
34) C110 2-Butanone	4.43	43	3235	N.D.		
35) C256 Cyclohexane	4.89	56	118819	52.17	ng	# 82
36) C150 Trichloroethene	5.81	95	2797	N.D.		
37) C140 1,2-Dichloropropan	5.96	63	403	N.D.		
38) C278 Dibromomethane	0.00	93	0	N.D.		

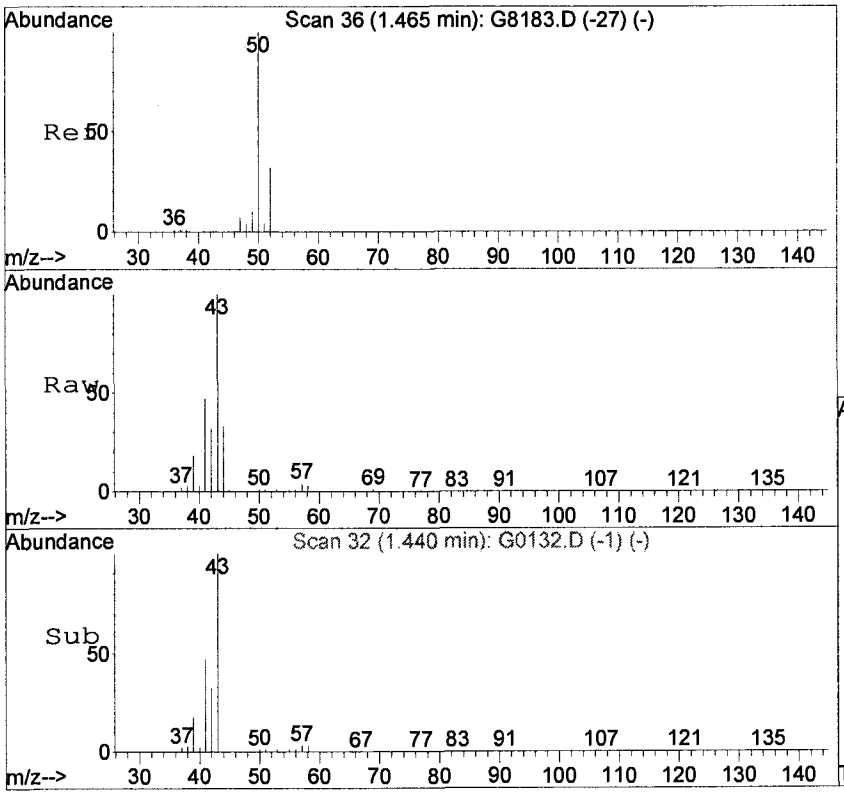
Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0132.D Via1: 15
Acq On : 8 Oct 2008 22:34 Operator: ND
Sample : A8B79401DL DF20 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 09 08:04:10 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Thu Oct 09 08:03:46 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	6.29	83	1668	N.D.			
40) C161	2-Chloroethylvinyl	6.53	63	125	N.D.			
41) C012	Methylcyclohexane	5.97	83	67749	32.59	ng	#	82
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
45) C230	Toluene	7.05	92	124823	45.35	ng		91
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
47) C284	Ethyl Methacrylate	7.34	69	190	N.D.			
48) C160	1,1,2-Trichloroeth	7.46	83	63	N.D.			
49) C210	4-Methyl-2-pentano	6.88	43	363	N.D.			
50) C220	Tetrachloroethene	0.00	166	0	N.D.			
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
52) C155	Dibromochlorometha	0.00	129	0	N.D.			
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54) C215	2-Hexanone	7.74	43	1314	N.D.			
55) C235	Chlorobenzene	0.00	112	0	N.D.			
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
57) C240	Ethylbenzene	8.59	91	304536	65.43	ng		97
58) C246	m,p-Xylene	8.71	106	512969	275.33	ng		95
59) C247	o-Xylene	9.14	106	199734	106.97	ng		94
60) C245	Styrene	9.14	104	10632	3.54	ng	#	1
61) C180	Bromoform	0.00	173	0	N.D.			
64) C966	Isopropylbenzene	9.52	105	33231	7.71	ng		91
65) C301	Bromobenzene	0.00	156	0	N.D.			
66) C225	1,1,2,2-Tetrachlor	10.08	83	471	N.D.			
67) C282	1,2,3-Trichloropro	10.04	110	67	N.D.			
68) C283	t-1,4-Dichloro-2-But	9.95	51	2704	17.03	ng	#	1
69) C302	n-Propylbenzene	9.95	91	48829	9.39	ng	NCF	96
70) C303	2-Chlorotoluene	10.05	126	60	N.D.			
71) C289	4-Chlorotoluene	10.25	126	62	N.D.			
72) C304	1,3,5-Trimethylbenze	10.13	105	279828	78.30	ng		100
73) C306	tert-Butylbenzene	10.44	134	76	N.D.			
74) C307	1,2,4-Trimethylbenze	10.49	105	714386	199.44	ng		99
75) C308	sec-Butylbenzene	10.66	105	7045	N.D.			
76) C260	1,3-Dichlorobenzen	10.86	146	366	N.D.			
77) C309	4-Isopropyltoluene	10.79	119	7095	N.D.			
78) C267	1,4-Dichlorobenzen	10.86	146	366	N.D.			
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.			
80) C310	n-Butylbenzene	11.09	91	35882	10.72	ng		56
81) C286	1,2-Dibromo-3-Chloro	11.90	75	400	2.73	ng	#	1
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.			
83) C316	Hexachlorobutadien	0.00	225	0	N.D.			
84) C314	Naphthalene	12.82	128	48840	20.05	ng		99
85) C934	1,2,3-Trichloroben	13.03	180	57	N.D.			

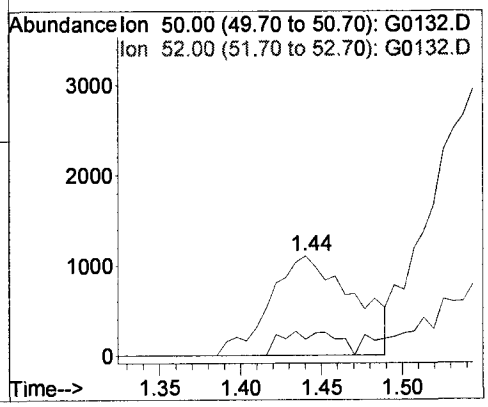
(#) = qualifier out of range (m) = manual integration (+) = signals summed

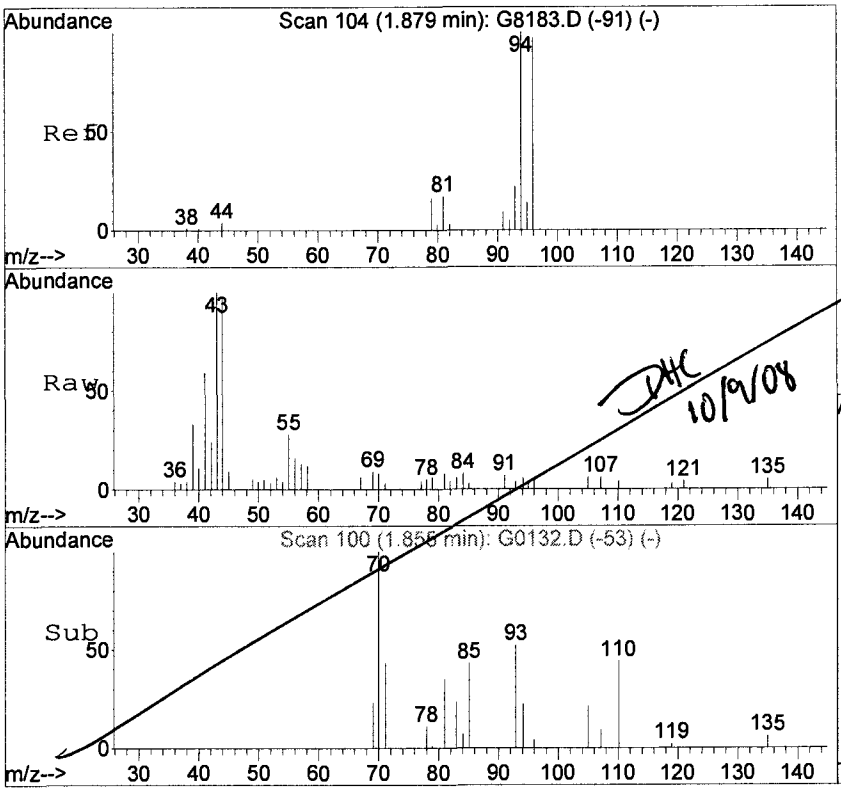


#3
C010 Chloromethane
Concen: 2.53 ng
RT: 1.44 min Scan# 32
Delta R.T. -0.02 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 50 Resp: 3994

Ion	Ratio	Lower	Upper
50	100		
52	16.0	3.0	63.0



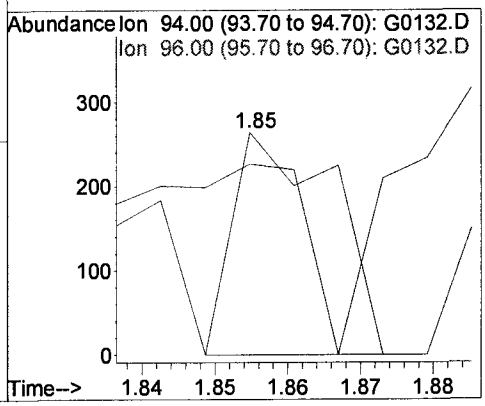


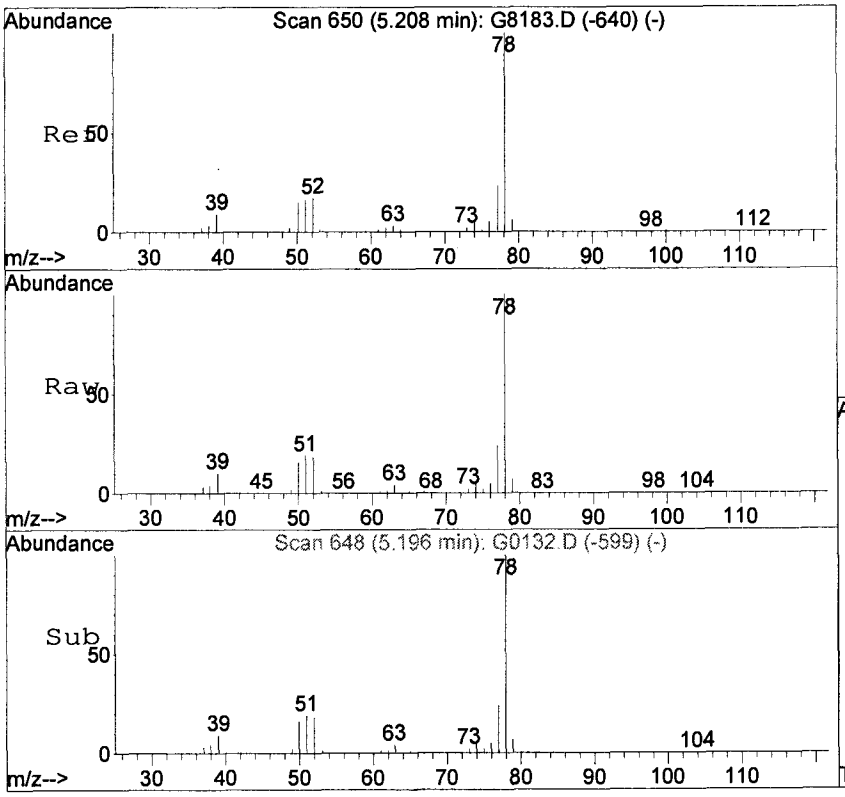
#5
C015 Bromomethane
Concen: Below Cal
RT: 1.85 min Scan# 100
Delta R.T. -0.01 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 94 Resp: 252

Ion	Ratio	Lower	Upper
94	100		
96	86.0	77.9	137.9

DHC 10/9/08

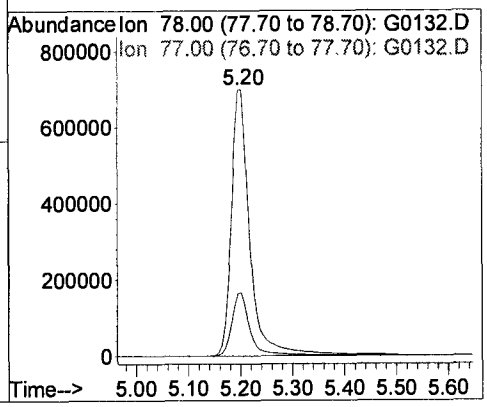


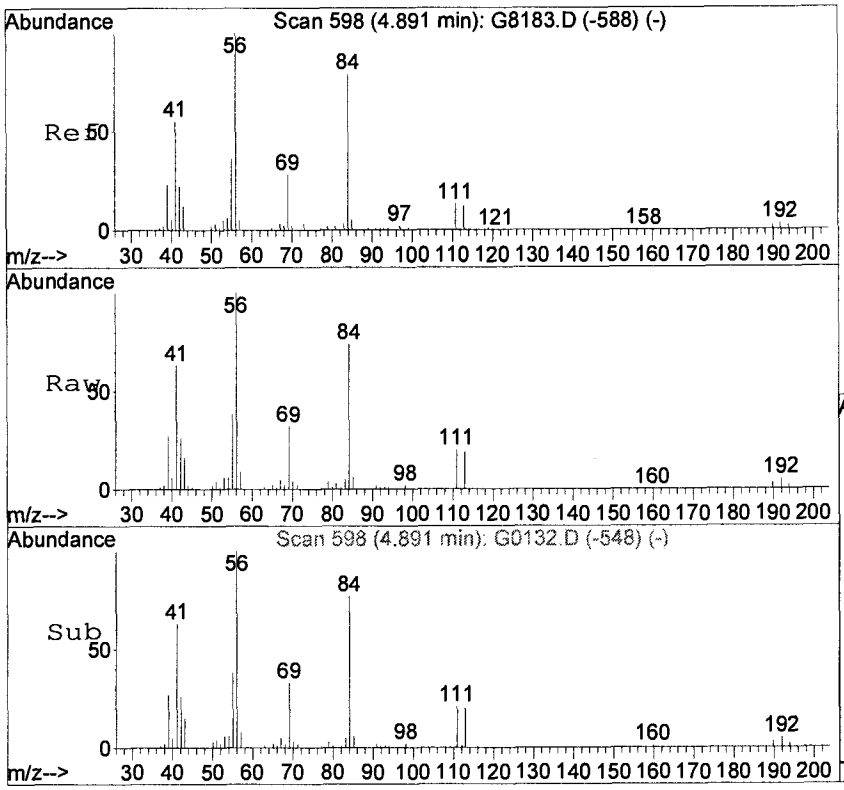


#32
C165 Benzene
Concen: 361.03 ng
RT: 5.20 min Scan# 648
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 78 Resp: 1730689

Ion	Ratio	Lower	Upper
78	100		
77	23.6	0.0	53.3

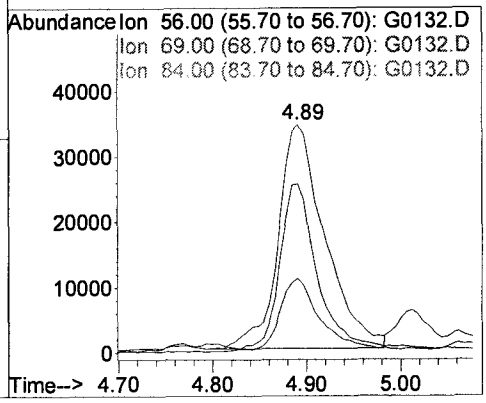


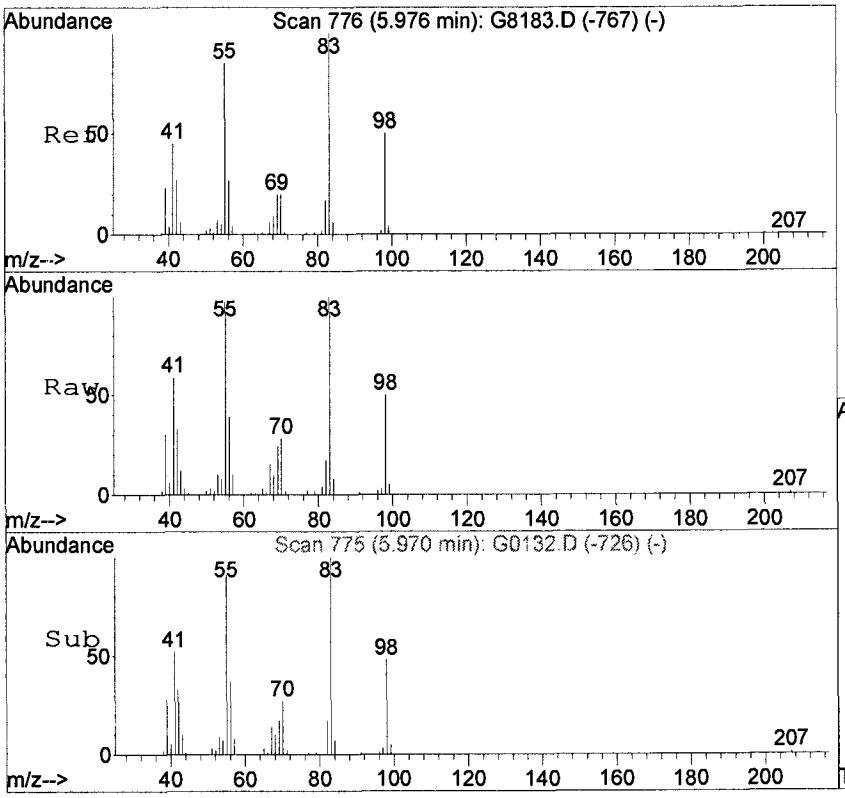


#35
C256 Cyclohexane
Concen: 52.17 ng
RT: 4.89 min Scan# 598
Delta R.T. 0.01 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 56 Resp: 118819

Ion	Ratio	Lower	Upper
56	100		
69	26.1	23.8	35.8
84	63.1	66.2	99.4#

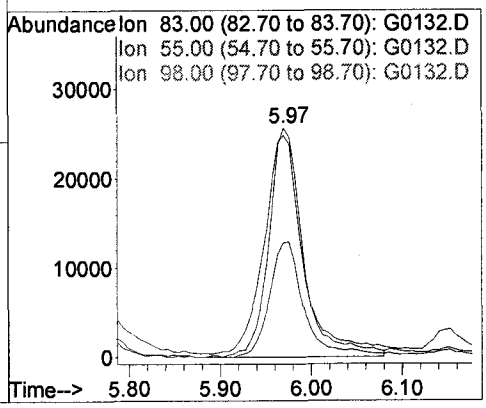


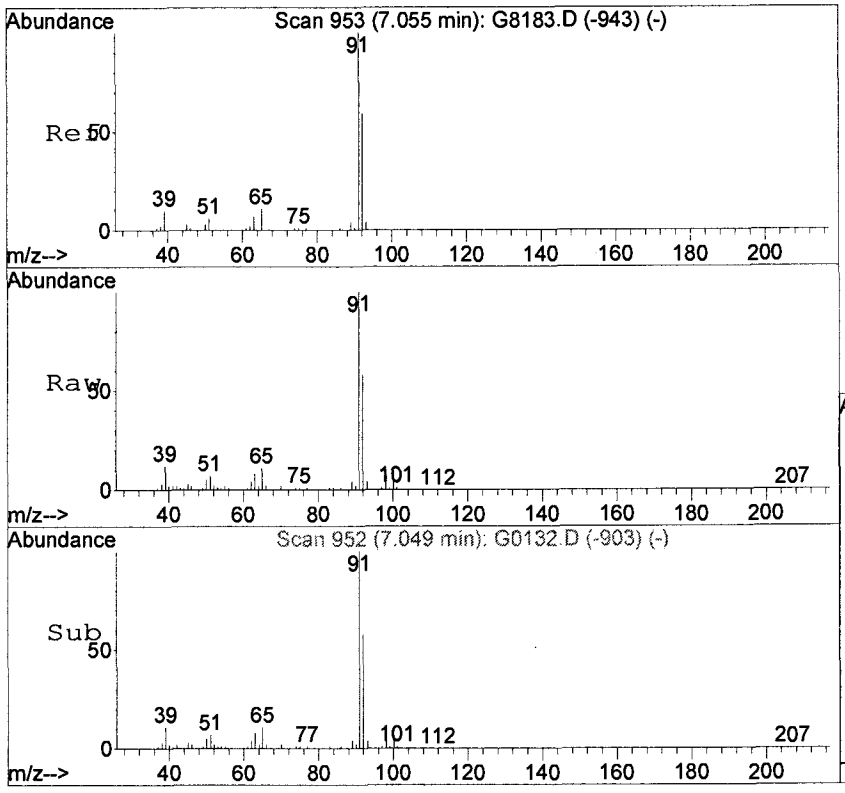


#41
C012 Methylcyclohexane
Concen: 32.59 ng
RT: 5.97 min Scan# 775
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 83 Resp: 67749

Ion	Ratio	Lower	Upper
83	100		
55	107.5	65.8	98.6#
98	51.6	40.2	60.4

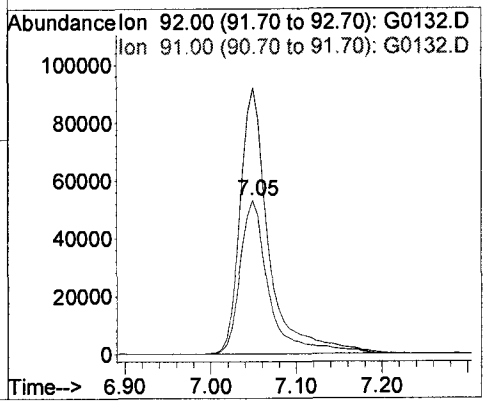


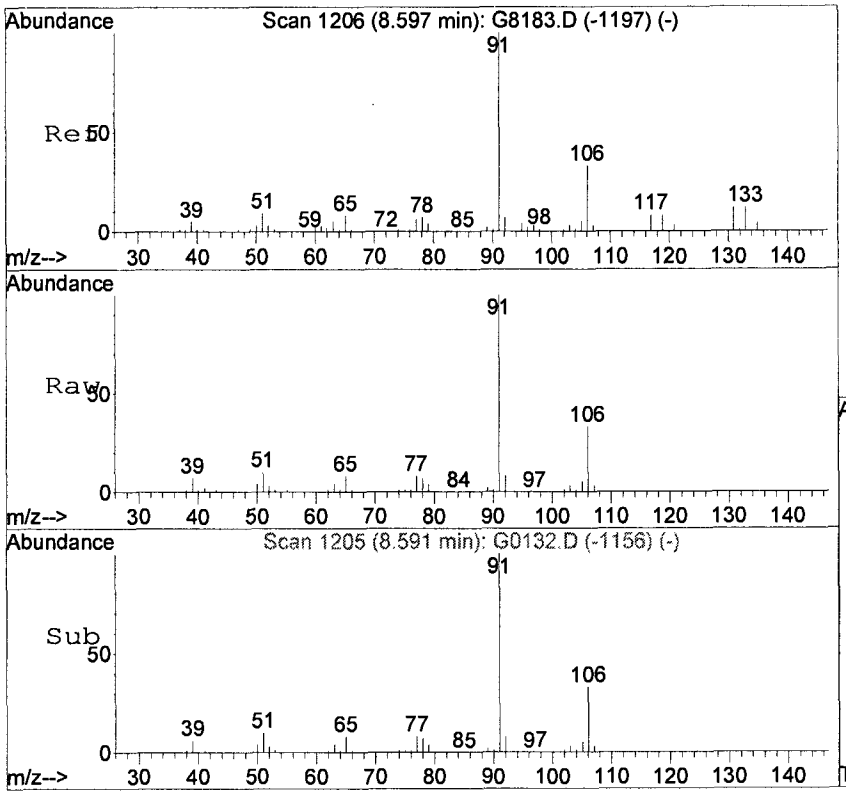


#45
C230 Toluene
Concen: 45.35 ng
RT: 7.05 min Scan# 952
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 92 Resp: 124823

Ion	Ratio	Lower	Upper
92	100		
91	173.3	131.1	191.1

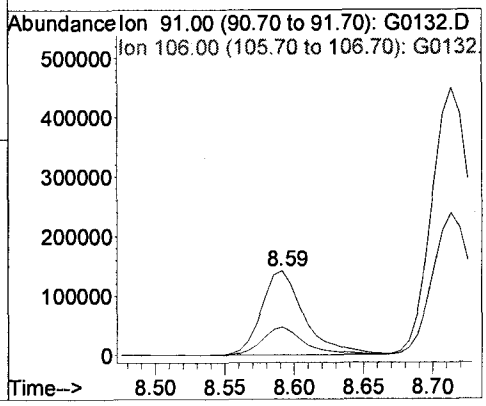


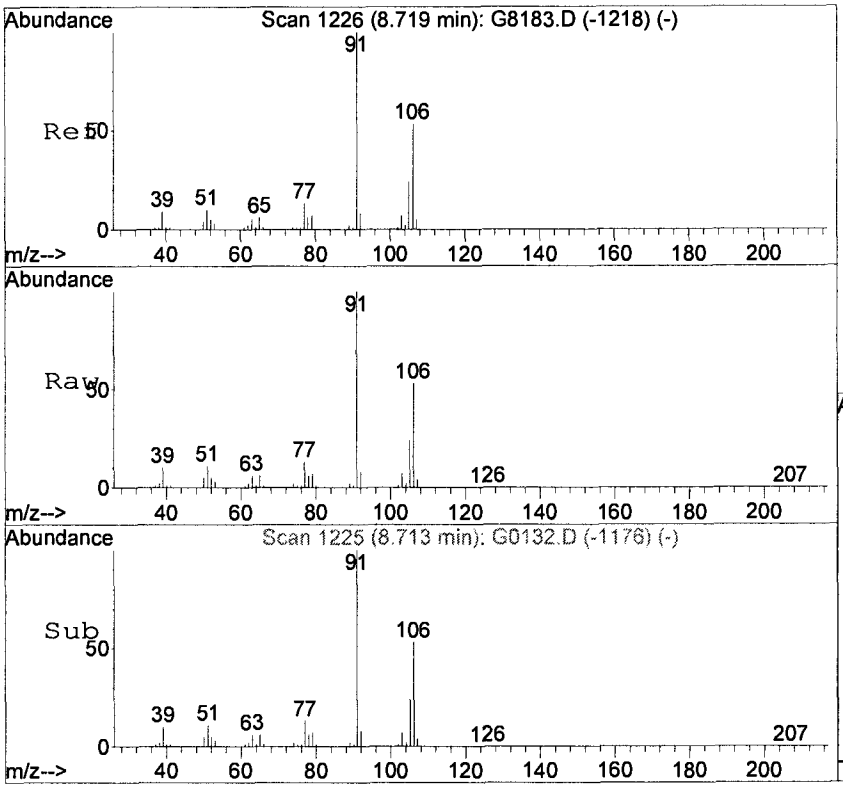


#57
C240 Ethylbenzene
Concen: 65.43 ng
RT: 8.59 min Scan# 1205
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 91 Resp: 304536

Ion	Ratio	Lower	Upper
91	100		
106	33.0	1.6	61.6

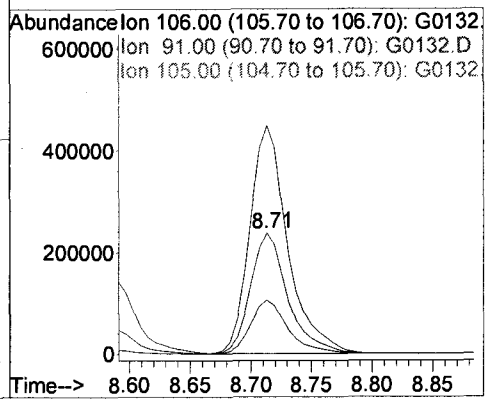


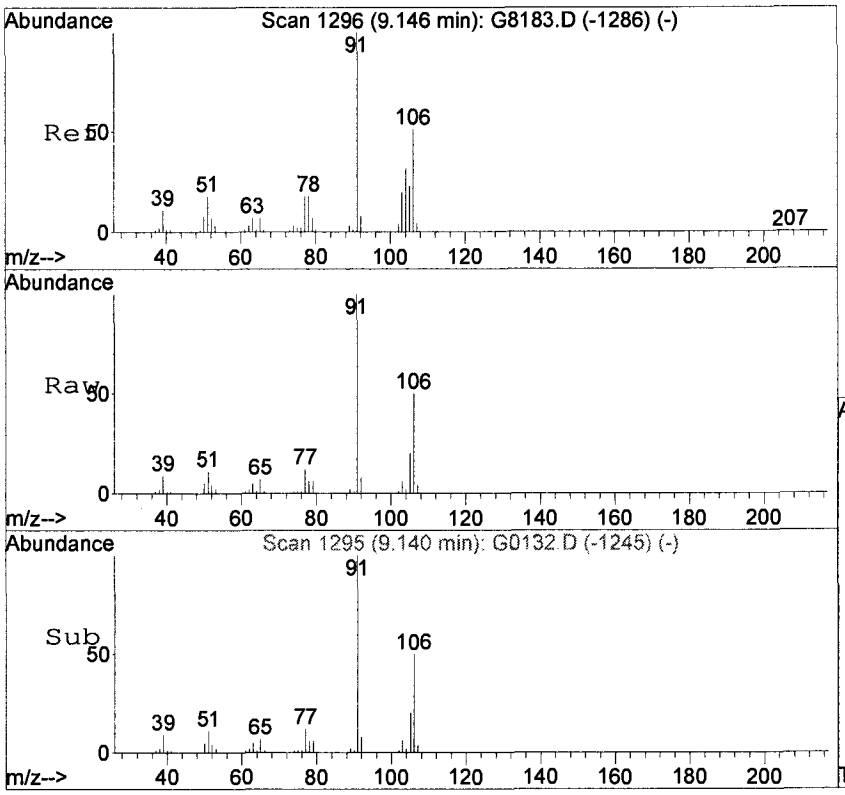


#58
C246 m,p-Xylene
Concen: 275.33 ng
RT: 8.71 min Scan# 1225
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion:106 Resp: 512969

Ion	Ratio	Lower	Upper
106	100		
91	188.8	167.2	227.2
105	44.6	15.1	75.1

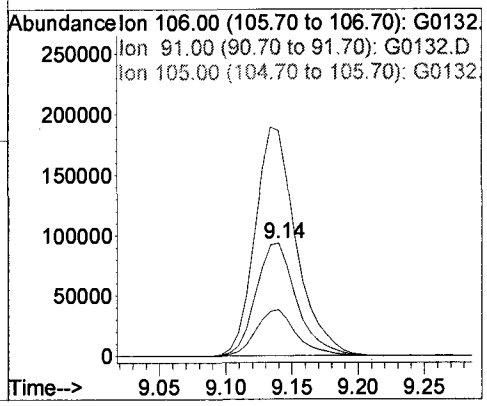


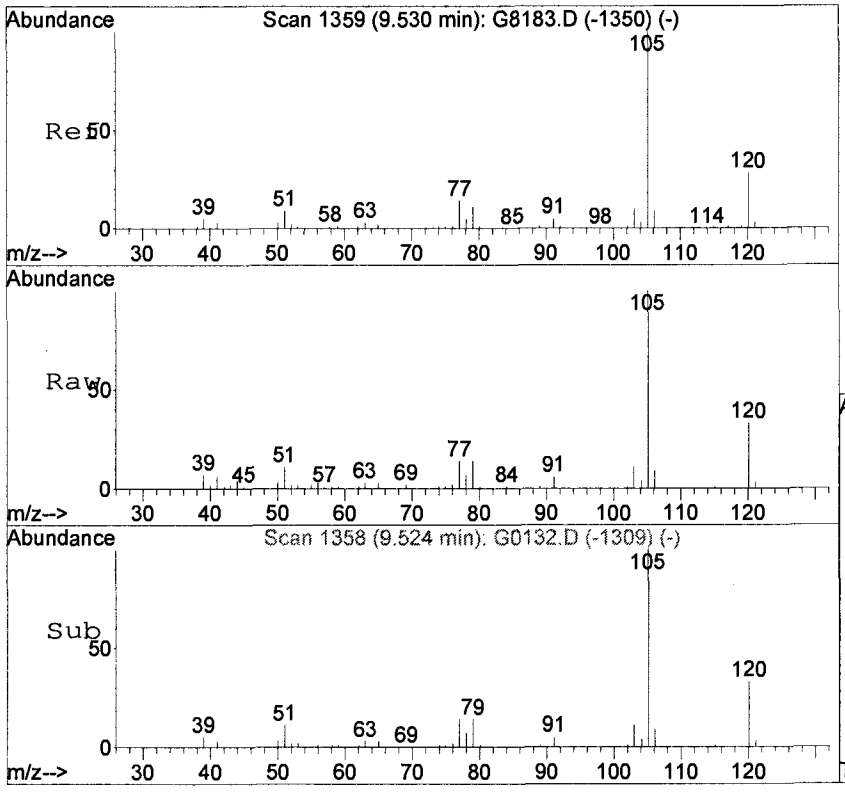


#59
C247 o-Xylene
Concen: 106.97 ng
RT: 9.14 min Scan# 1295
Delta R.T. 0.01 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion:106 Resp: 199734

Ion	Ratio	Lower	Upper
106	100		
91	200.0	179.4	239.4
105	40.6	15.7	75.7

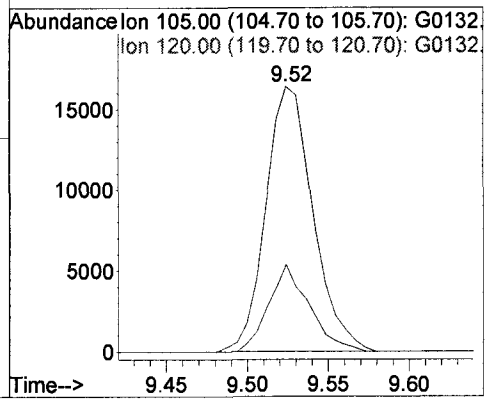


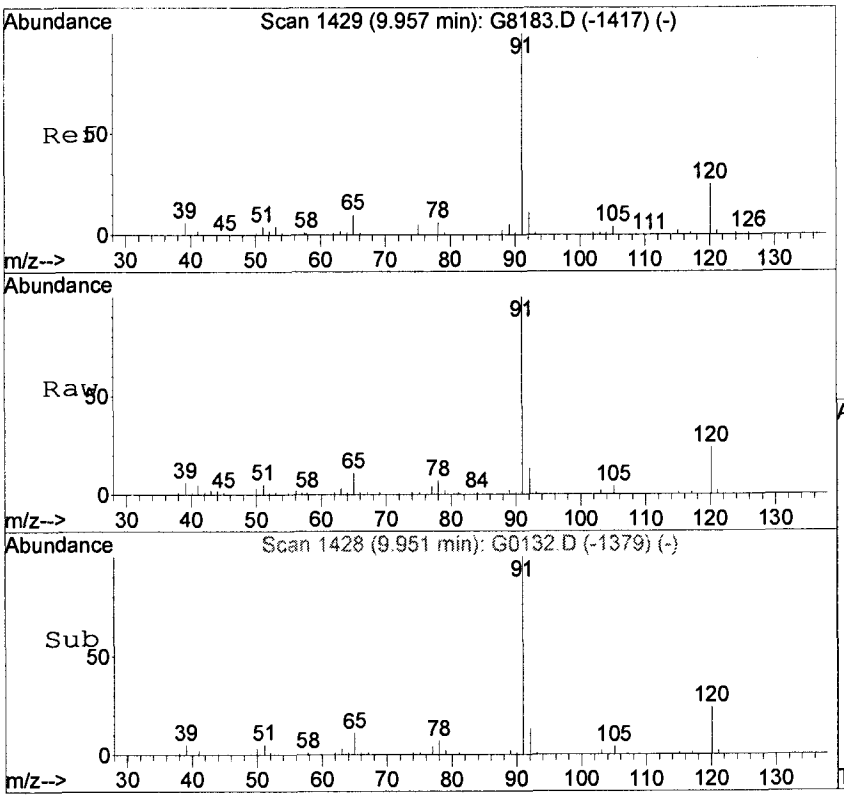


#64
C966 Isopropylbenzene
Concen: 7.71 ng
RT: 9.52 min Scan# 1358
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion:105 Resp: 33231

Ion	Ratio	Lower	Upper
105	100		
120	32.6	0.0	58.1

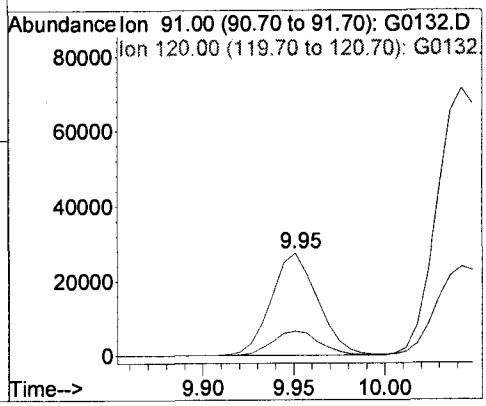


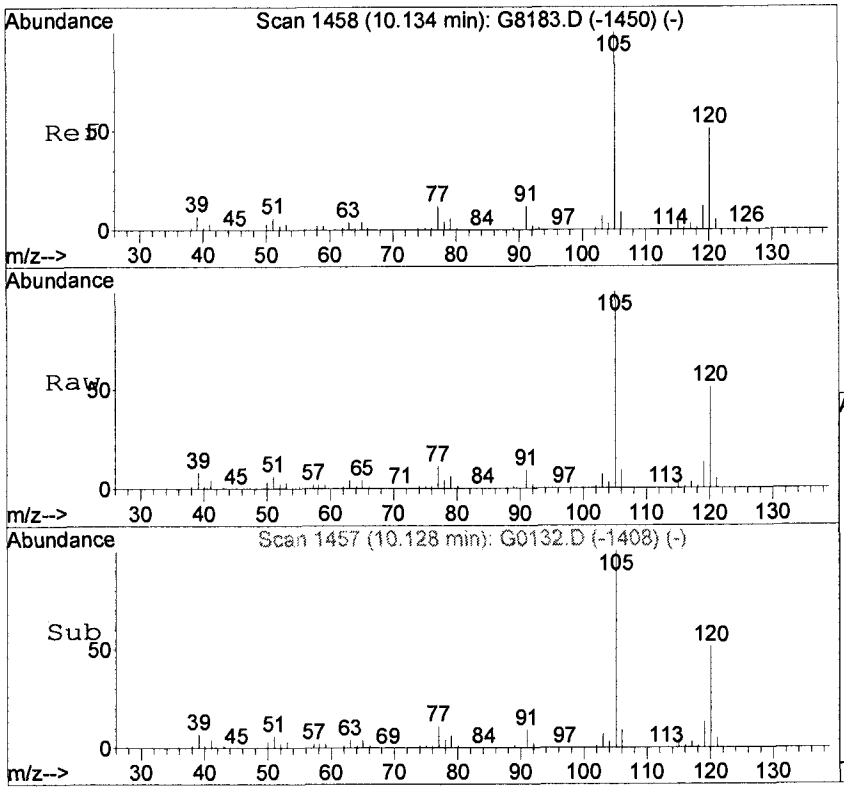


#69
C302 n-Propylbenzene
Concen: 9.39 ng
RT: 9.95 min Scan# 1428
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion: 91 Resp: 48829

Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	55.5

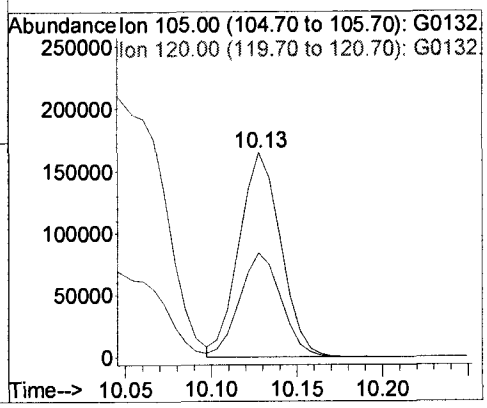


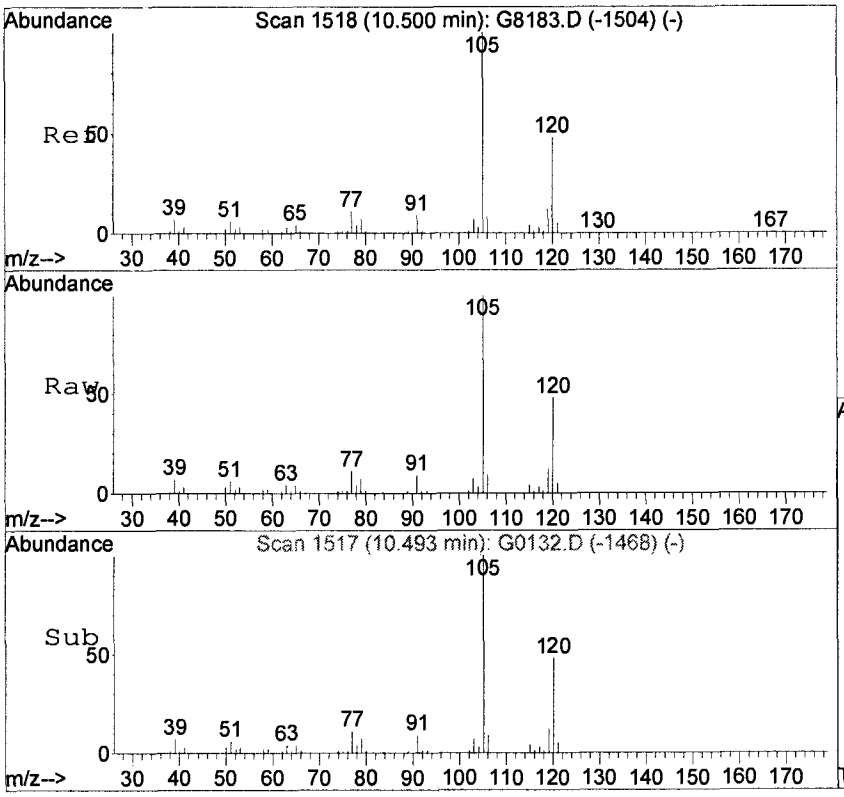


#72
C304 1,3,5-Trimethylbenzene
Concen: 78.30 ng
RT: 10.13 min Scan# 1457
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion:105 Resp: 279828

Ion	Ratio	Lower	Upper
105	100		
120	50.9	21.2	81.2

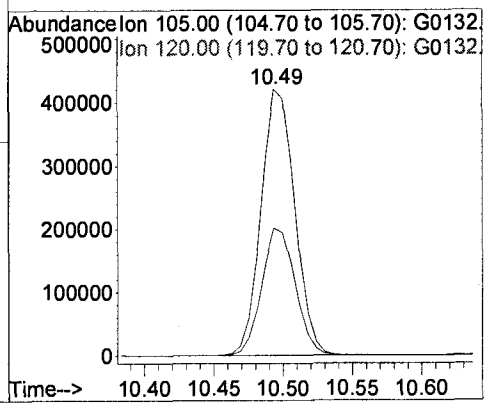


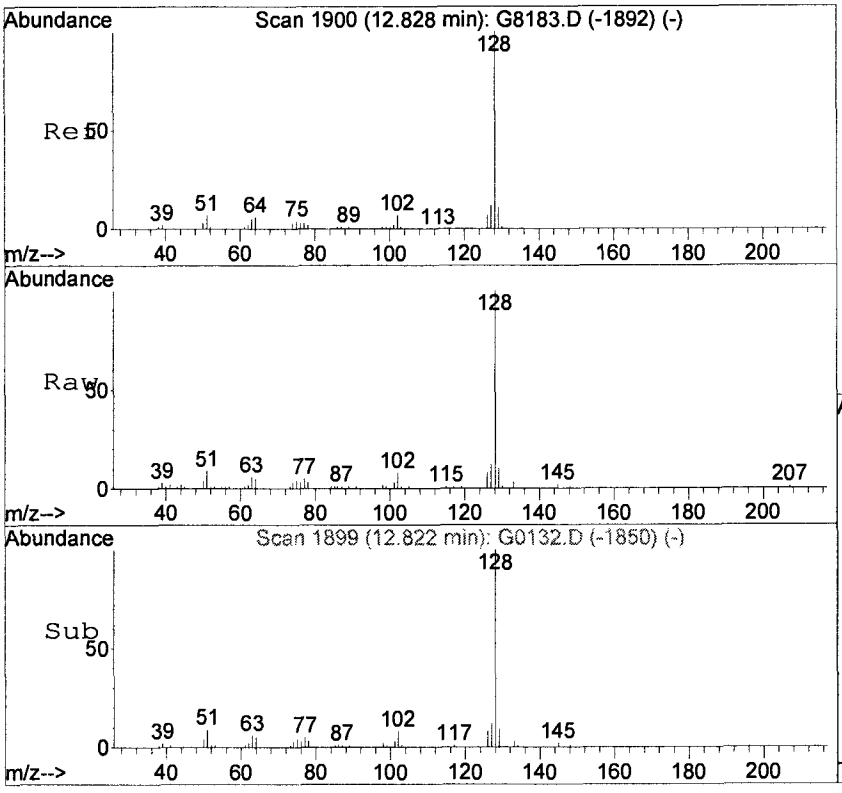


#74
C307 1,2,4-Trimethylbenzene
Concen: 199.44 ng
RT: 10.49 min Scan# 1517
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion:105 Resp: 714386

Ion	Ratio	Lower	Upper
105	100		
120	48.0	17.1	77.1

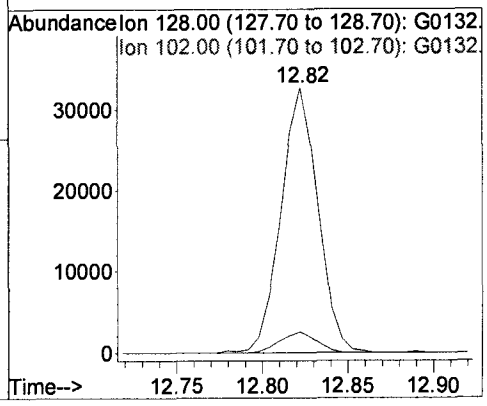




#84
C314 Naphthalene
Concen: 20.05 ng
RT: 12.82 min Scan# 1899
Delta R.T. -0.00 min
Lab File: G0132.D
Acq: 8 Oct 2008 22:34

Tgt Ion:128 Resp: 48840

Ion	Ratio	Lower	Upper
128	100		
102	7.7	0.0	38.1



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1683.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	2.0	J
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	1.5	J

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65304

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1683.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

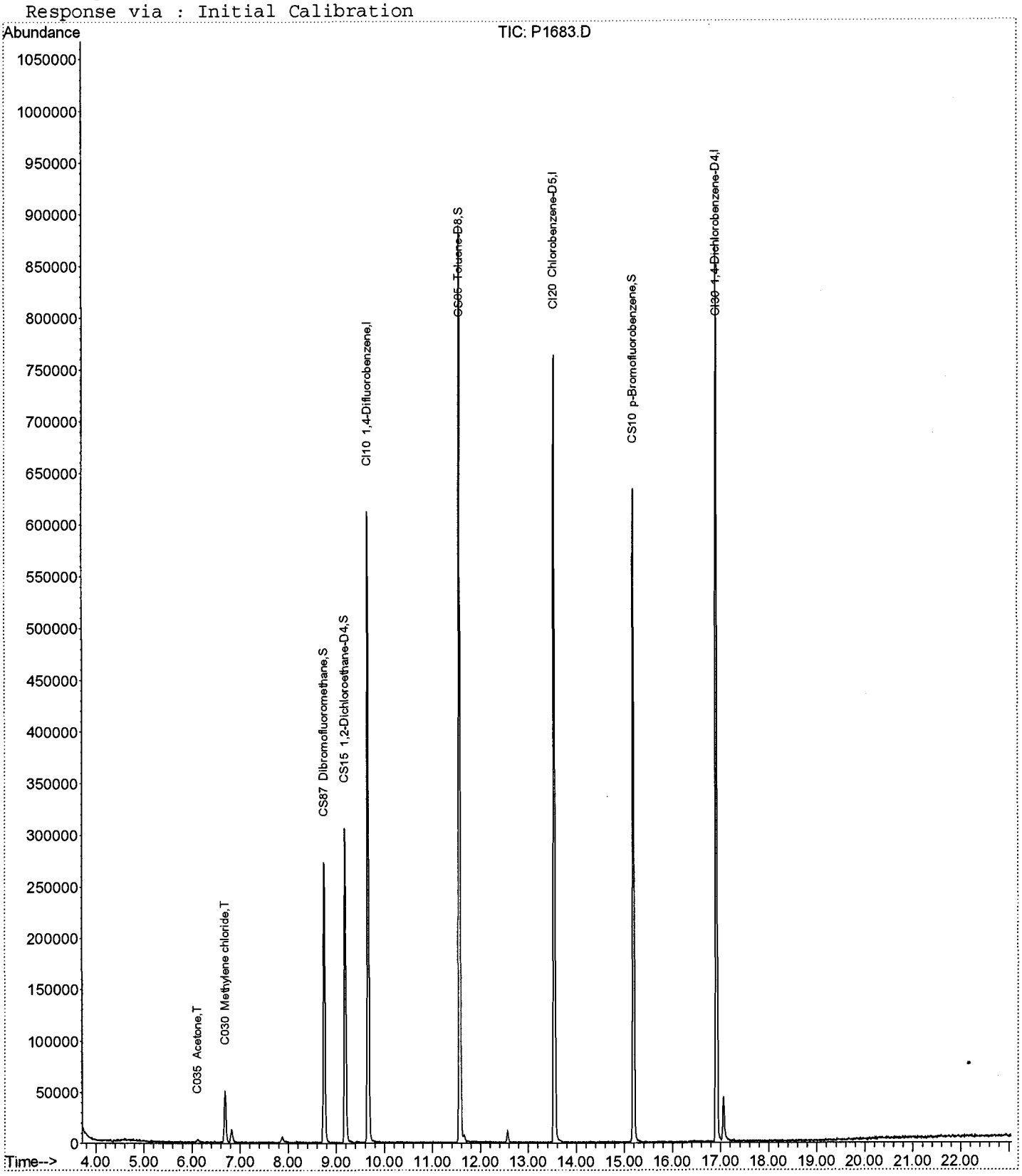
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1683.D
Acq On : 3 Oct 2008 5:18
Sample : A8B65304
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:35 2008

Vial: 9
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration



Quantitation Report **424/3787**

Data File : H:\GCMS_VOA\P\100208\P1683.D Vial: 9
Acq On : 3 Oct 2008 5:18 Operator: CDC
Sample : A8B65304 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:39 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	581968	125.00	ng	0.01 92.38%
43) CI20 Chlorobenzene-D5	13.54	117	544185	125.00	ng	0.00 91.17%
62) CI30 1,4-Dichlorobenzene-	16.91	152	295479	125.00	ng	0.00 87.66%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	8.75	111	209705	148.09	ng	0.01
Spiked Amount 125.000	Range 70 - 130		Recovery = 118.47%			
31) CS15 1,2-Dichloroethane-D	9.18	65	279049	158.59	ng	0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 126.87%			
44) CS05 Toluene-D8	11.57	98	708971	133.33	ng	0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 106.66%			
61) CS10 p-Bromofluorobenzene	15.19	174	224782	131.54	ng	0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 105.23%			
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C080 Methylene chloride	6.69	84	29235	7.60	ng	97
10) C040 Carbon disulfide	6.46	76	880	N.D.		
11) C036 Acrolein	5.98	56	134	N.D.		
12) C038 Acrylonitrile	6.82	53	144	N.D.		
13) C035 Acetone	6.12	43	6539	10.16	ng	92
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255 Methyl Acetate	0.00	43	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	8.57	42	392	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	0.00	83	0	N.D.		
27) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120 Carbon tetrachloride	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165 Benzene	9.29	78	761	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

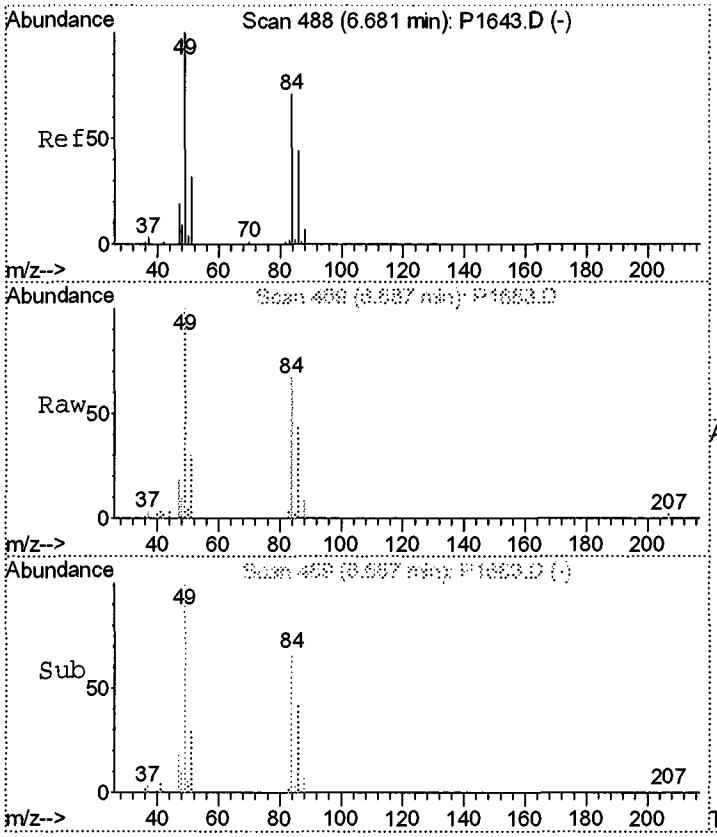
Data File : H:\GCMS_VOA\P\100208\P1683.D
Acq On : 3 Oct 2008 5:18
Sample : A8B65304
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:39 2008

Vial: 9
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	8.18	43	1423	N.D.	
35)	C256	Cyclohexane	0.00	56	0	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	3798	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	0.00	166	0	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	12.56	43	2312	N.D.	
55)	C235	Chlorobenzene	13.59	112	232	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.68	91	119	N.D.	
58)	C246	m,p-Xylene	0.00	106	0	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	0.00	105	0	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	0.00	91	0	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	0.00	105	0	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.41	105	126	N.D.	
75)	C308	sec-Butylbenzene	16.45	105	110	N.D.	
76)	C260	1,3-Dichlorobenzene	16.96	146	469	N.D.	
77)	C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78)	C267	1,4-Dichlorobenzene	16.96	146	469	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	0.00	91	0	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.	
84)	C314	Naphthalene	20.37	128	1556	N.D.	
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.	

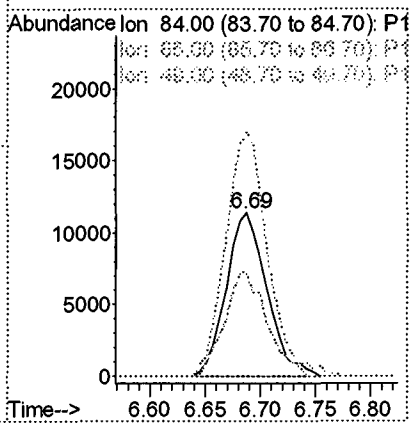
(#) = qualifier out of range (m) = manual integration

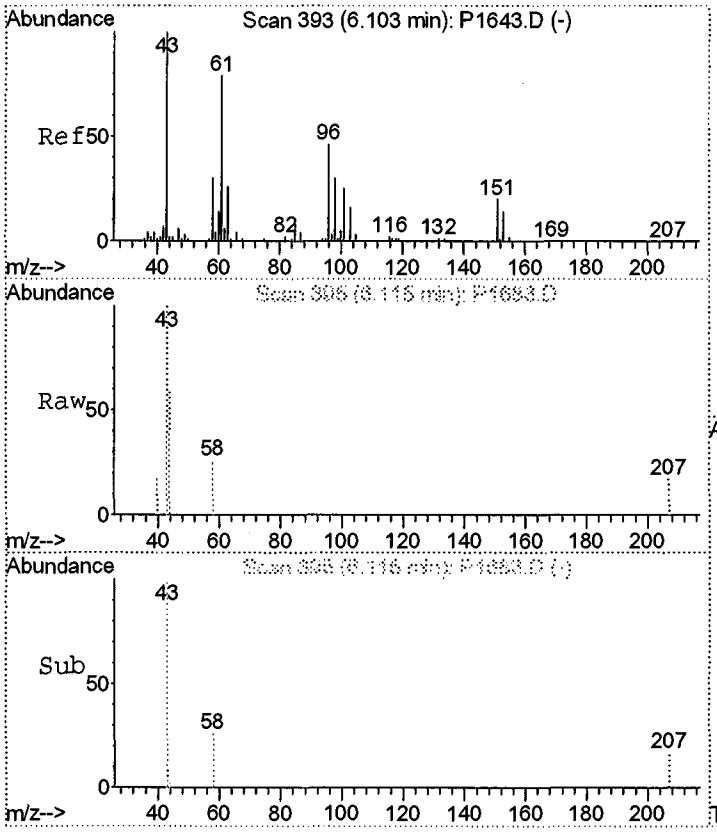


#9
C030 Methylene chloride
Concen: 7.60 ng
RT: 6.69 min Scan# 489
Delta R.T. 0.01 min
Lab File: P1683.D
Acq: 3 Oct 2008 5:18

Tgt Ion: 84 Resp: 29235

Ion	Ratio	Lower	Upper
84	100		
86	64.1	43.8	83.8
49	148.4	132.8	172.8

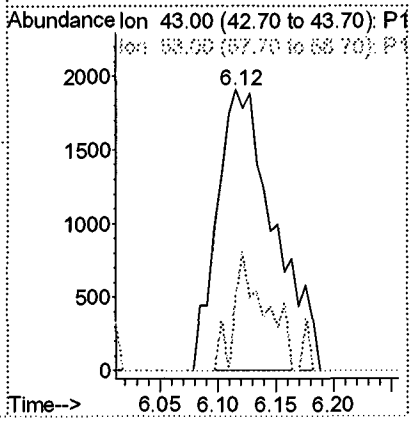




#13
C035 Acetone
Concen: 10.16 ng
RT: 6.12 min Scan# 395
Delta R.T. 0.02 min
Lab File: P1683.D
Acq: 3 Oct 2008 5:18

Tgt Ion: 43 Resp: 6539

Ion	Ratio	Lower	Upper
43	100		
58	25.9	24.2	36.2



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1796.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72703

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1796.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/04/2008

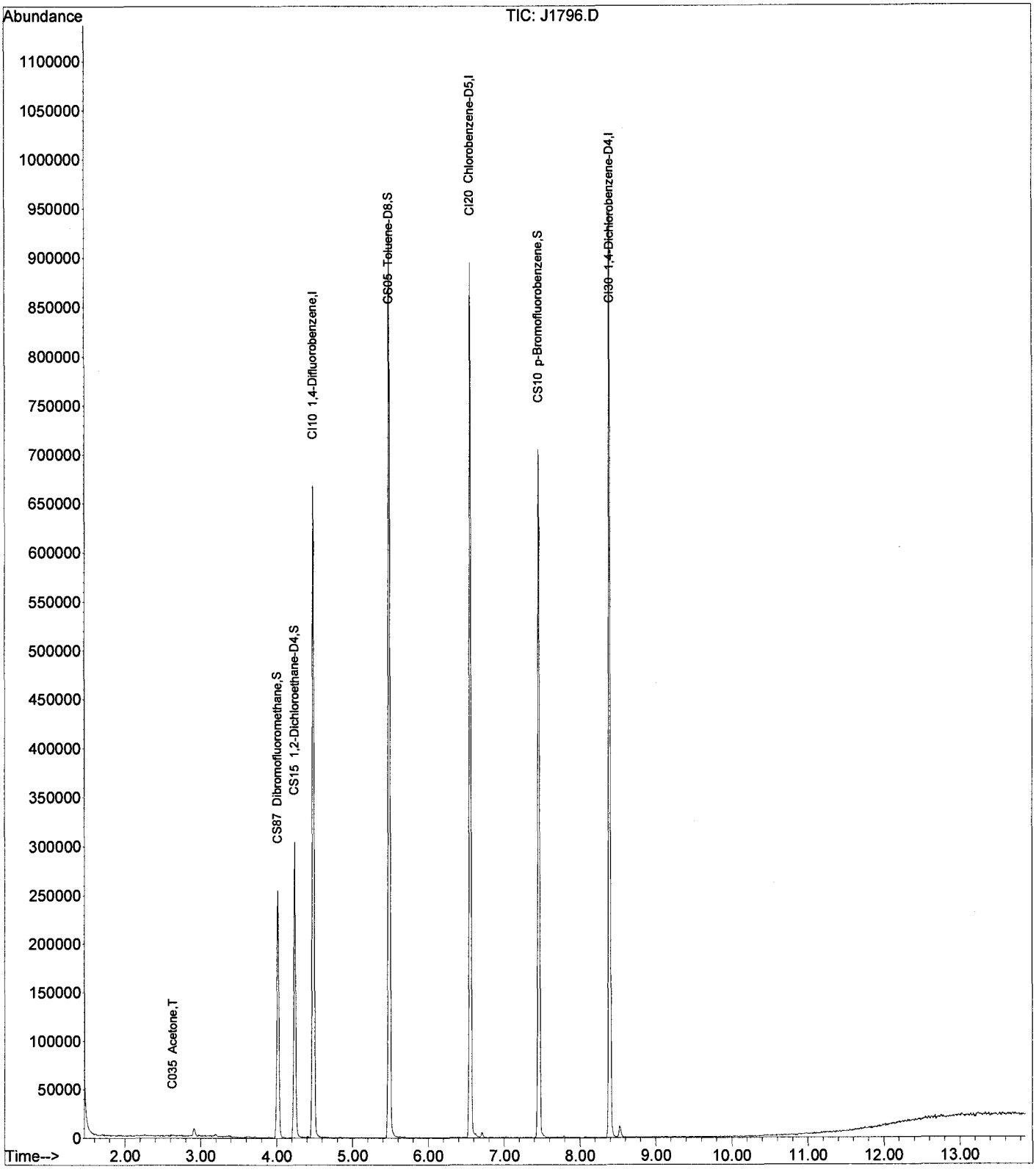
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : C:\MSDCHEM\1\DATA\100308\J1796.D Vial: 31
Acq On : 4 Oct 2008 2:25 Operator: LH/MF
Sample : A8B72703 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 06 09:19:45 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (No Qualifiers Applied) 430/3787

Data File : C:\MSDCHEM\1\DATA\100308\J1796.D Vial: 31
Acq On : 4 Oct 2008 2:25 Operator: LH/MF
Sample : A8B72703 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 06 09:19:45 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

SxE 10/6/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.49	114	479597	125.00	ng	0.00 64.27%
43) CI20	Chlorobenzene-D5	6.55	117	447751	125.00	ng	0.00 65.40%
62) CI30	1,4-Dichlorobenzene-	8.39	152	242011	125.00	ng	0.00 63.76%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.01	111	143002	149.13	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	119.30%	
31) CS15	1,2-Dichloroethane-D	4.24	65	202093	154.46	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	123.57%	
44) CS05	Toluene-D8	5.48	98	557269	134.27	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	107.42%	
61) CS10	p-Bromofluorobenzene	7.46	174	180169	131.95	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	105.56%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.65	50	84	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	2.91	84	3477	Below Cal	#	76
10) C040	Carbon disulfide	2.75	76	447	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.63	43	1314	4.83 ng	#	39
14) C300	Acetonitrile	2.91	41	182	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	2.86	43	88	Below Cal	#	48
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
24) C272	Tetrahydrofuran	3.90	42	495	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.26	78	2028	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	3.71	43	1079	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

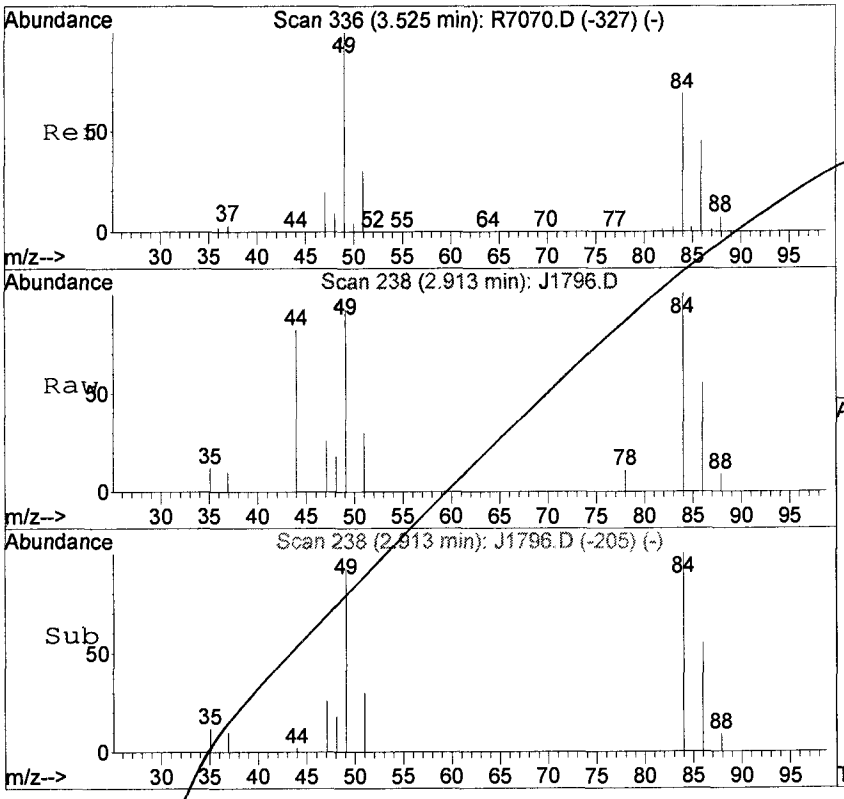
10-14-08

Data File : C:\MSDCHEM\1\DATA\100308\J1796.D Vial: 31
Acq On : 4 Oct 2008 2:25 Operator: LH/MF
Sample : A8B72703 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 06 09:19:45 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcycolhexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	5.52	92	986	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	5.49	43	2350	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	6.63	91	1127	N.D.	
58) C246	m,p-Xylene	6.70	106	1821	N.D.	
59) C247	o-Xylene	7.03	106	354	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
63) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.	
69) C302	n-Propylbenzene	7.45	91	724	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	7.77	105	380	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	8.08	105	1012	N.D.	
75) C308	sec-Butylbenzene	8.08	105	1012	N.D.	
76) C260	1,3-Dichlorobenzen	8.41	146	474	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	8.41	146	474	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

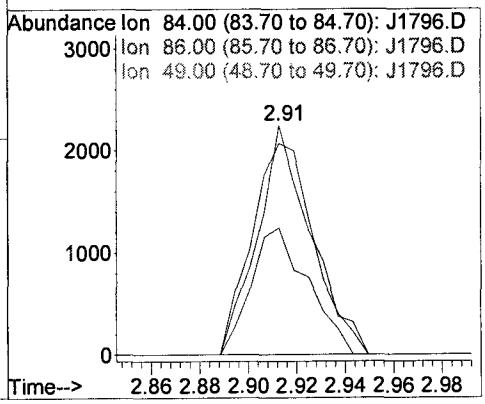
(#) = qualifier out of range (m) = manual integration (+) = signals summed

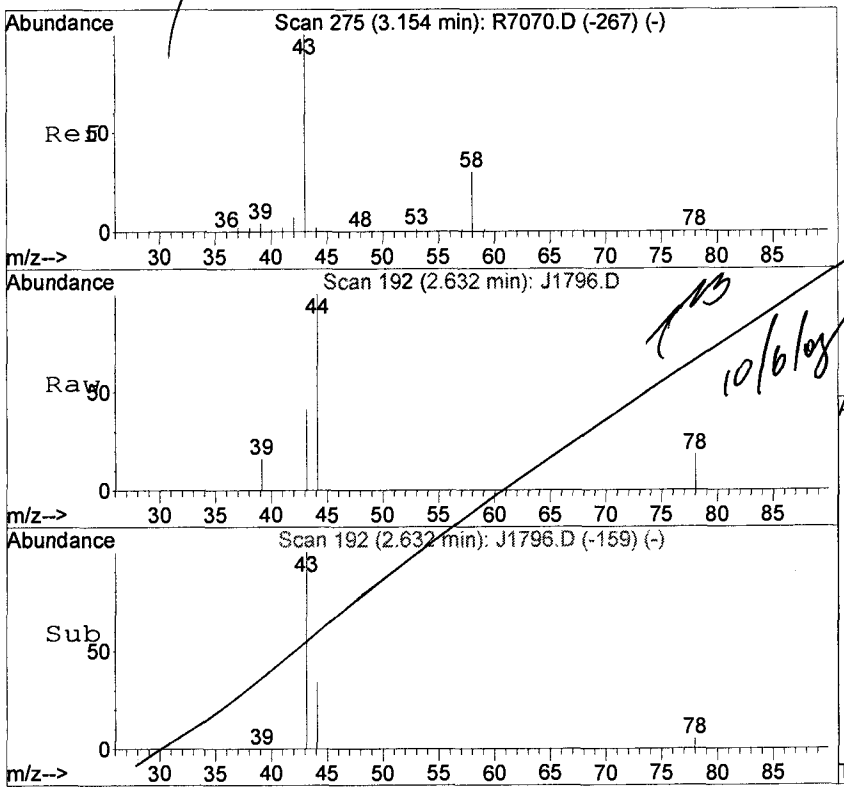


#9
C030 Methylene chloride
Concen: Below Cal
RT: 2.91 min Scan# 238
Delta R.T. 0.00 min
Lab File: J1796.D
Acq: 4 Oct 2008 2:25

Tgt Ion: 84 Resp: 3477

Ion	Ratio	Lower	Upper
84	100		
86	55.4	43.6	83.6
49	92.1	108.0	148.0#

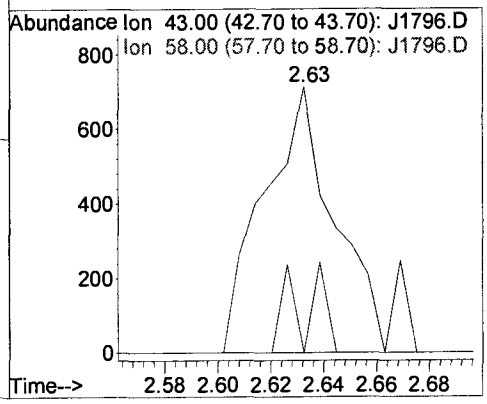




#13
C035 Acetone
Concen: 4.83 ng
RT: 2.63 min Scan# 192
Delta R.T. 0.00 min
Lab File: J1796.D
Acq: 4 Oct 2008 2:25

Tgt Ion: 43 Resp: 1314

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	43.0#



METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8718.RR

Level: (low/med) LOW Date Samp/Recv: 09/25/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	0.52	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8718.RR

Level: (low/med) LOW Date Samp/Recv: 09/25/2008 09/25/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

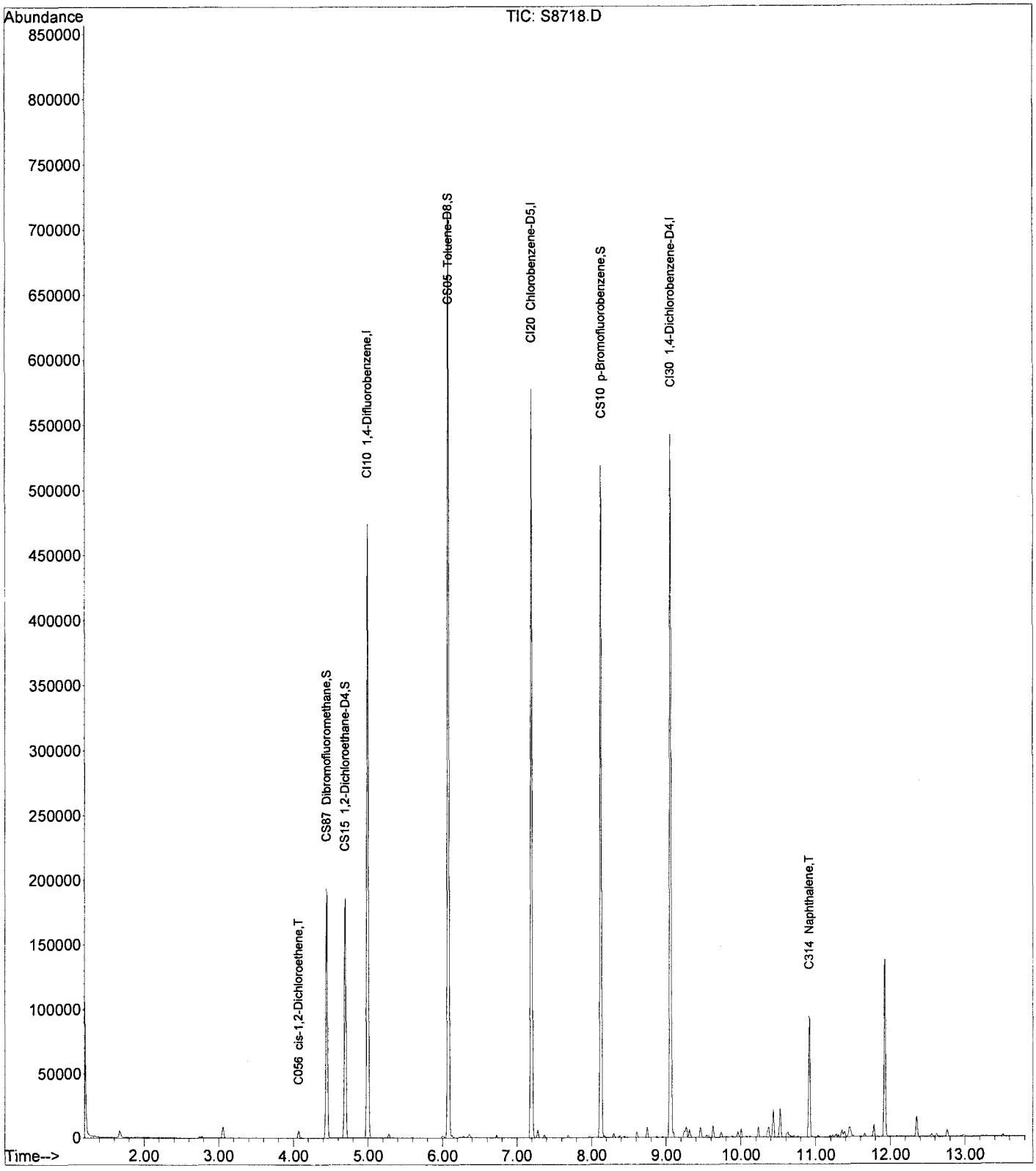
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Data File : D:\MSDCHEM\S\DATA\100808\S8718.D Vial: 22
Acq On : 8 Oct 2008 16:48 Operator: DHC
Sample : A8B79409 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 17:32:56 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\100808\S8718.D Vial: 22
Acq On : 8 Oct 2008 16:48 Operator: DHC
Sample : A8B79409 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:56 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SME 10/8/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	274388	125.00	ng	0.00 97.72%
43) CI20	Chlorobenzene-D5	7.19	82	149826	125.00	ng	0.00 97.72%
63) CI30	1,4-Dichlorobenzene-	9.06	152	116824	125.00	ng	0.00 90.72%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	89645	131.97	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	105.58%	
31) CS15	1,2-Dichloroethane-D	4.69	65	107305	129.21	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	103.37%	
44) CS05	Toluene-D8	6.07	98	377069	121.92	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	97.54%	
62) CS10	p-Bromofluorobenzene	8.12	174	110631	130.45	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	104.36%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	3.06	84	3439	Below Cal		88
10) C040	Carbon disulfide	2.78	76	860	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	2.75	43	900	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.07	96	2186	2.60	ng	96
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
27) C060	Chloroform	0.00	83	0	N.D.		
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
29) C120	Carbon tetrachlori	0.00	117	0	N.D.		
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
32) C165	Benzene	4.70	78	454	N.D.		
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110	2-Butanone	0.00	43	0	N.D.		
35) C256	Cyclohexane	0.00	56	0	N.D.		
36) C150	Trichloroethene	0.00	95	0	N.D.		
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
38) C278	Dibromomethane	0.00	93	0	N.D.		

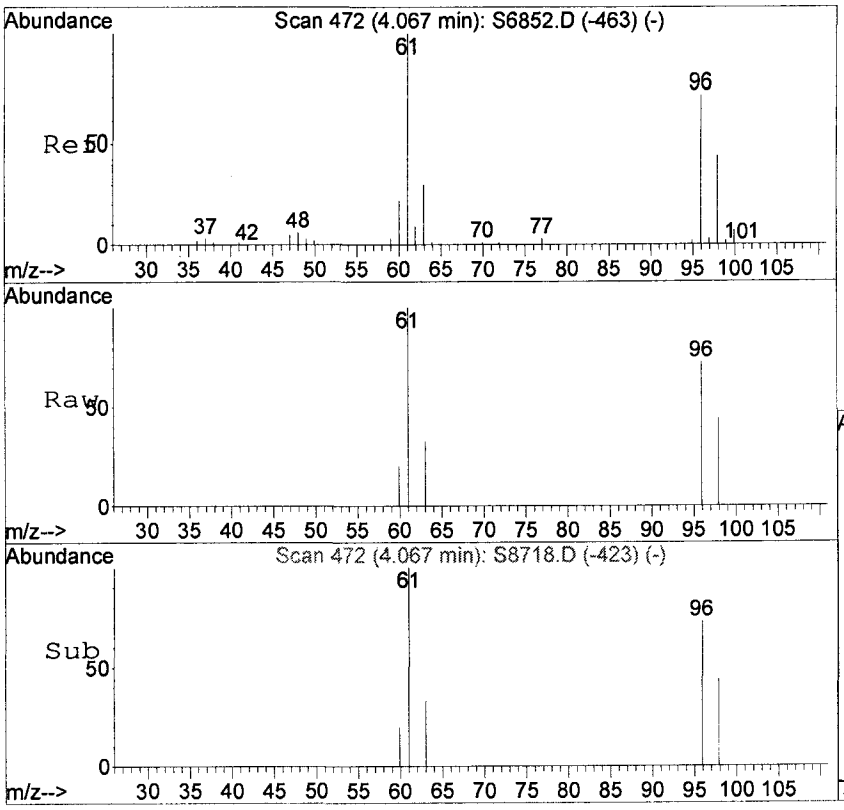
10/14/08

Data File : D:\MSDCHEM\S\DATA\100808\S8718.D Vial: 22
Acq On : 8 Oct 2008 16:48 Operator: DHC
Sample : A8B79409 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 17:32:56 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 17:30:47 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcyclohexane	5.28	83	1352	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	6.12	92	273	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	6.07	43	1518	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochlorometha	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	7.28	91	4909	N.D.		
58) C246	m,p-Xylene	7.37	106	560	N.D.		
59) C247	o-Xylene	7.69	106	541	N.D.		
60) C245	Styrene	0.00	104	0	N.D.		
61) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.97	105	1098	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
69) C302	n-Propylbenzene	8.30	91	2787	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	8.61	105	3689	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.75	105	4875	N.D.		
75) C308	sec-Butylbenzene	8.88	105	499	N.D.		
76) C260	1,3-Dichlorobenzen	9.08	146	289	N.D.		
77) C309	4-Isopropyltoluene	8.99	119	131	N.D.		
78) C267	1,4-Dichlorobenzen	9.08	146	289	N.D.		
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
80) C310	n-Butylbenzene	9.34	91	1588	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.70	180	827	N.D.		
83) C316	Hexachlorobutadien	0.00	225	0	N.D.		
84) C314	Naphthalene	10.91	128	62929	49.88	ng NVF	94
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

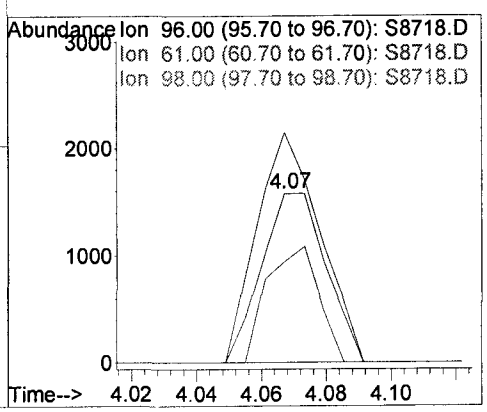
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#23
C056 cis-1,2-Dichloroethene
Concen: 2.60 ng
RT: 4.07 min Scan# 472
Delta R.T. 0.00 min
Lab File: S8718.D
Acq: 8 Oct 2008 16:48

Tgt Ion: 96 Resp: 2186

Ion	Ratio	Lower	Upper
96	100		
61	136.2	99.9	159.9
98	60.0	31.8	91.8



Standards

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000745-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973G Calibration Dates(s): 10/08/2008 10/08/2008

Heated Purge (Y/N): N Calibration Times: 17:46 19:41

GC Column: ZB-624 ID: 0.18 (mm)

Lab File ID: RRF1 = G0120.RR RRF5 = G0121.RR RRF10 = G0122.RR
RRF25 = G0123.RR RRF50 = G0124.RR RRF100 = G0125.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Acetone	0.162	0.125	0.127	0.123	0.130	0.122	0.1310	11.500
Benzene	1.624	1.550	1.555	1.588	1.612	1.600	1.5880	1.900
Bromodichloromethane	0.485	0.453	0.447	0.453	0.463	0.462	0.4610	2.900
Bromoform	0.497	0.463	0.481	0.498	0.508	0.525	0.4950	4.300
Bromomethane	0.172	0.144	0.133	0.120	0.121	0.118	0.1350	15.300
2-Butanone	0.198	0.180	0.180	0.184	0.189	0.177	0.1850	4.100
Methyl acetate	0.823	0.634	0.646	0.642	0.672	0.641	0.6760	10.800
Cyclohexane	0.730	0.705	0.769	0.770	0.791	0.762	0.7550	4.200
Methylcyclohexane	0.688	0.638	0.686	0.701	0.720	0.700	0.6890	4.000
Carbon Disulfide	1.217	1.137	1.185	1.158	1.191	1.136	1.1710	2.800
Carbon Tetrachloride	0.397	0.457	0.460	0.457	0.472	0.467	0.4520	6.100
Chlorobenzene	2.586	2.335	2.414	2.431	2.445	2.454	2.4440	3.300
Chloroethane	0.220	0.216	0.203	0.190	0.202	0.201	0.2050	5.400
Chloroform	0.709	0.622	0.626	0.618	0.627	0.625	0.6380	5.500
Chloromethane	0.590	0.536	0.533	0.494	0.506	0.483	0.5230	7.400
Dibromochloromethane	0.869	0.794	0.804	0.844	0.843	0.849	0.8340	3.400
1,2-Dibromo-3-chloropropane	0.140	0.124	0.128	0.131	0.139	0.140	0.1340	5.200
1,2-Dibromoethane	0.841	0.717	0.728	0.728	0.725	0.722	0.7440	6.400
1,2-Dichlorobenzene	1.883	1.642	1.739	1.766	1.813	1.829	1.7790	4.700
1,3-Dichlorobenzene	2.019	1.796	1.851	1.926	1.924	1.917	1.9050	4.000
1,4-Dichlorobenzene	2.119	1.831	1.873	1.923	1.949	1.938	1.9390	5.100
Dichlorodifluoromethane	0.238	0.266	0.280	0.271	0.262	0.252	0.2610	5.700
1,1-Dichloroethane	0.778	0.748	0.758	0.770	0.777	0.768	0.7660	1.500
1,2-Dichloroethane	0.512	0.492	0.512	0.531	0.542	0.536	0.5210	3.600
1,1-Dichloroethene	0.411	0.388	0.382	0.370	0.384	0.376	0.3850	3.600
cis-1,2-Dichloroethene	0.462	0.431	0.434	0.447	0.450	0.446	0.4450	2.500
trans-1,2-Dichloroethene	0.452	0.420	0.421	0.423	0.438	0.435	0.4320	2.800
1,2-Dichloropropane	0.412	0.406	0.403	0.417	0.424	0.424	0.4140	2.200
cis-1,3-Dichloropropene	0.578	0.590	0.596	0.602	0.621	0.623	0.6010	2.900
trans-1,3-Dichloropropene	1.350	1.244	1.295	1.325	1.311	1.305	1.3050	2.700
Ethylbenzene	4.122	3.854	3.895	3.963	3.998	3.993	3.9710	2.400
2-Hexanone	0.767	0.645	0.646	0.638	0.644	0.610	0.6580	8.300
Isopropylbenzene	4.109	3.846	3.838	3.985	3.984	3.862	3.9370	2.700
Methylene chloride	0.868	0.511	0.465	0.441	0.443	0.431	0.5270	32.200
4-Methyl-2-pentanone	1.173	1.022	1.021	1.022	1.001	0.935	1.0290	7.600
Styrene	2.640	2.410	2.482	2.556	2.603	2.688	2.5630	4.000
1,1,2,2-Tetrachloroethane	1.125	0.887	0.877	0.905	0.908	0.882	0.9310	10.300

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000745-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973G Calibration Dates(s): 10/08/2008 10/08/2008

Heated Purge (Y/N): N Calibration Times: 17:46 19:41

GC Column: ZB-624 ID: 0.18(mm)

Lab File ID: RRF1 = G0120.RR RRF5 = G0121.RR RRF10 = G0122.RR
RRF25 = G0123.RR RRF50 = G0124.RR RRF100 = G0125.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Tetrachloroethene	0.834	0.894	0.894	0.940	0.922	0.914	0.9000	4.100
Toluene	2.422	2.307	2.333	2.384	2.324	2.321	2.3480	1.900
1,2,4-Trichlorobenzene	0.888	0.884	0.971	1.008	1.081	1.120	0.9920	9.800
1,1,1-Trichloroethane	0.548	0.530	0.540	0.537	0.553	0.544	0.5420	1.500
1,1,2-Trichloroethane	0.699	0.624	0.598	0.639	0.604	0.593	0.6260	6.300
Trichloroethene	0.393	0.370	0.357	0.371	0.379	0.373	0.3740	3.200
Trichlorofluoromethane	0.491	0.501	0.527	0.497	0.513	0.491	0.5030	2.800
Vinyl chloride	0.516	0.522	0.526	0.490	0.505	0.470	0.5050	4.300
Total Xylenes	1.664	1.533	1.569	1.574	1.593	1.626	1.5930	2.900
Methyl-t-Butyl Ether (MTBE)	1.281	1.196	1.217	1.203	1.252	1.210	1.2260	2.700
1,1,2-Trichloro-1,2,2-trifl	0.313	0.317	0.335	0.332	0.338	0.332	0.3280	3.100
1,2-Dichloroethane-D4	0.293	0.337	0.294	0.294	0.289	0.305	0.3020	5.900
Toluene-D8	2.485	3.047	2.304	2.778	2.534	2.634	2.6300	9.800
p-Bromofluorobenzene	0.620	0.786	0.626	0.711	0.681	0.748	0.6950	9.500

Comments:

Response Factor Report HP5973G

Method Path : D:\MSDCHEM\G\METHODS\8260-5MLLOW\
Method File : A8I0000745-SIXTHPT.M
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response Via : Initial Calibration

8260
(A8I... 0745)

Calibration Files
1 =G0120.D 2 =G0121.D 3 =G0122.D
4 =G0123.D 5 =G0124.D 6 =G0125.D

		Compound		1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------							
2)	T	C290	Dichlorodiflu	0.237	0.266	0.280	0.271	0.262	0.252	0.261	5.72
3)	T	C010	Chloromethane	0.590	0.536	0.533	0.494	0.506	0.482	0.523	7.41
4)	T	C020	Vinyl chlorid	0.516	0.522	0.526	0.490	0.505	0.470	0.505	4.26
5)	T	C015	Bromomethane	0.172	0.144	0.133	0.120	0.121	0.118	-----	
								L	M= 0.117	R=1.000	
									B= 0.004		
6)	T	C025	Chloroethane	0.220	0.216	0.203	0.190	0.202	0.201	0.205	5.40
7)	T	C275	Trichlorofluo	0.491	0.501	0.527	0.497	0.513	0.491	0.503	2.80
8)	T	C045	1,1-Dichloroe	0.411	0.388	0.382	0.370	0.384	0.376	0.385	3.63
9)	T	C030	Methylene chl	0.868	0.511	0.465	0.441	0.443	0.431	-----	
								L	M= 0.428	R=1.000	
									B= 0.016		
10)	T	C040	Carbon disulf	1.217	1.137	1.185	1.158	1.191	1.136	1.171	2.76
11)	T	C036	Acrolein	0.073	0.057	0.055	0.052	0.053	0.052	0.057	14.17
12)	T	C038	Acrylonitrile	0.188	0.161	0.159	0.156	0.164	0.155	0.164	7.61
13)	T	C035	Acetone	0.162	0.125	0.127	0.123	0.130	0.122	0.131	11.55
14)	T	C300	Acetonitrile	0.061	0.057	0.057	0.055	0.057	0.053	0.057	4.98
15)	T	C276	Iodomethane	0.660	0.604	0.619	0.608	0.633	0.610	0.622	3.39
16)	T	C291	1,1,2-Trichlo	0.313	0.317	0.335	0.332	0.338	0.332	0.328	3.13
17)	T	C962	T-butyl Methy	1.281	1.196	1.217	1.203	1.252	1.210	1.226	2.71
18)	T	C057	trans-1,2-Dic	0.452	0.420	0.421	0.423	0.438	0.435	0.432	2.86
19)	T	C255	Methyl Acetat	0.823	0.634	0.646	0.641	0.672	0.641	0.676	10.84
20)	T	C050	1,1-Dichloroe	0.778	0.748	0.758	0.770	0.777	0.768	0.766	1.47
21)	T	C125	Vinyl Acetate	0.838	0.738	0.776	0.787	0.792	0.751	0.780	4.50
22)	T	C051	2,2-Dichlorop	0.554	0.545	0.536	0.529	0.539	0.521	0.537	2.15
23)	T	C056	cis-1,2-Dichl	0.462	0.431	0.434	0.447	0.450	0.445	0.445	2.54
24)	T	C272	Tetrahydrofur	0.135	0.127	0.129	0.129	0.136	0.128	0.131	2.83
25)	T	C222	Bromochlorome	0.213	0.206	0.213	0.212	0.222	0.220	0.215	2.69
26)	S	CS87	Dibromofluoro	0.249	0.314	0.242	0.272	0.269	0.285	0.272	9.61
27)	T	C060	Chloroform	0.709	0.622	0.626	0.618	0.627	0.625	0.638	5.48
28)	T	C115	1,1,1-Trichlo	0.548	0.530	0.540	0.537	0.552	0.544	0.542	1.48
29)	T	C120	Carbon tetrac	0.397	0.457	0.460	0.457	0.472	0.467	0.452	6.11
30)	T	C116	1,1-Dichlorop	0.442	0.479	0.486	0.497	0.506	0.503	0.486	4.84
31)	S	CS15	1,2-Dichloroe	0.293	0.337	0.294	0.294	0.289	0.305	0.302	5.94
32)	T	C165	Benzene	1.624	1.550	1.555	1.588	1.612	1.600	1.588	1.89
33)	T	C065	1,2-Dichloroe	0.512	0.492	0.512	0.531	0.542	0.535	0.521	3.60
34)	T	C110	2-Butanone	0.198	0.180	0.180	0.184	0.189	0.177	0.185	4.15
35)	T	C256	Cyclohexane	0.730	0.705	0.769	0.770	0.791	0.762	0.755	4.15
36)	T	C150	Trichloroethe	0.393	0.370	0.357	0.371	0.378	0.373	0.374	3.16
37)	T	C140	1,2-Dichlorop	0.412	0.406	0.403	0.417	0.424	0.424	0.414	2.17
38)	T	C278	Dibromomethan	0.229	0.208	0.209	0.209	0.213	0.211	0.213	3.71
39)	T	C130	Bromodichloro	0.485	0.453	0.447	0.453	0.463	0.462	0.461	2.90
40)	T	C161	2-Chloroethyl	0.250	0.247	0.247	0.251	0.271	0.265	0.255	3.98
41)	T	C012	Methylcyclohe	0.688	0.638	0.686	0.701	0.720	0.700	0.689	4.01
42)	T	C145	cis-1,3-Dichl	0.578	0.590	0.596	0.602	0.621	0.623	0.601	2.92
43)	I	CI20	Chlorobenzene-D	----------ISTD----------							
44)	S	CS05	Toluene-D8	2.485	3.047	2.304	2.778	2.534	2.634	2.630	9.80
45)	T	C230	Toluene	2.422	2.307	2.333	2.384	2.324	2.321	2.348	1.90
46)	T	C170	trans-1,3-Dic	1.350	1.244	1.294	1.325	1.311	1.305	1.305	2.70
47)	T	C284	Ethyl Methacr	1.382	1.137	1.135	1.164	1.169	1.137	1.187	8.12
48)	T	C160	1,1,2-Trichlo	0.699	0.624	0.598	0.639	0.604	0.593	0.626	6.34
49)	T	C210	4-Methyl-2-pe	1.173	1.022	1.021	1.022	1.001	0.935	1.029	7.59
50)	T	C220	Tetrachloroet	0.834	0.894	0.894	0.940	0.922	0.914	0.900	4.07
51)	T	C221	1,3-Dichlorop	1.382	1.257	1.302	1.359	1.338	1.328	1.328	3.30

Response Factor Report HP5973G

Method Path : D:\MSDCHEM\G\METHODS\8260-5MLLOW\
Method File : A8I0000745-SIXTHPT.M
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response Via : Initial Calibration

Calibration Files
1 =G0120.D 2 =G0121.D 3 =G0122.D
4 =G0123.D 5 =G0124.D 6 =G0125.D

52)	T	C155	Dibromochloro	0.869	0.794	0.804	0.844	0.843	0.849	0.834	3.46
53)	T	C163	1,2-Dibromoet	0.841	0.717	0.728	0.728	0.725	0.722	0.744	6.44
54)	T	C215	2-Hexanone	0.767	0.645	0.646	0.638	0.644	0.610	0.658	8.34
55)	T	C235	Chlorobenzene	2.586	2.335	2.414	2.431	2.444	2.454	2.444	3.34
56)	T	C281	1,1,1,2-Tetra	0.877	0.823	0.843	0.862	0.847	0.855	0.851	2.16
57)	T	C240	Ethylbenzene	4.122	3.854	3.895	3.963	3.998	3.993	3.971	2.35
58)	T	C246	m,p-Xylene	1.579	1.536	1.574	1.594	1.619	1.635	1.589	2.21
59)	T	C247	o-Xylene	1.664	1.533	1.569	1.574	1.593	1.626	1.593	2.90
60)	T	C245	Styrene	2.640	2.410	2.482	2.556	2.603	2.688	2.563	4.02
61)	T	C180	Bromoform	0.497	0.463	0.481	0.498	0.508	0.525	0.495	4.33
62)	S	CS10	p-Bromofluoro	0.620	0.786	0.626	0.711	0.681	0.748	0.695	9.51
63)	I	CI30	1,4-Dichloroben	----------ISTD----------							
64)	T	C966	Isopropylbenz	4.109	3.846	3.838	3.985	3.984	3.862	3.937	2.73
65)	T	C301	Bromobenzene	1.107	0.953	0.973	1.021	1.007	0.996	1.009	5.33
66)	T	C225	1,1,2,2-Tetra	1.125	0.887	0.876	0.905	0.908	0.882	0.931	10.32
67)	T	C282	1,2,3-Trichlo	0.308	0.274	0.274	0.276	0.281	0.271	0.281	4.92
68)	T	C283	t-1,4-Dichlor	0.150	0.136	0.138	0.147	0.152	0.147	0.145	4.59
69)	T	C302	n-Propylbenze	5.041	4.617	4.613	4.776	4.791	4.676	4.752	3.38
70)	T	C303	2-Chlorotolue	1.019	0.926	0.952	0.967	0.961	0.944	0.962	3.28
71)	T	C289	4-Chlorotolue	1.027	0.950	0.947	0.996	1.000	0.990	0.985	3.14
72)	T	C304	1,3,5-Trimeth	3.367	3.163	3.213	3.232	3.325	3.290	3.265	2.33
73)	T	C306	tert-Butylben	0.772	0.707	0.722	0.745	0.775	0.761	0.747	3.72
74)	T	C307	1,2,4-Trimeth	3.464	3.127	3.186	3.250	3.303	3.304	3.272	3.56
75)	T	C308	sec-Butylbenz	3.804	3.667	3.761	3.876	3.994	3.971	3.846	3.28
76)	T	C260	1,3-Dichlorob	2.018	1.796	1.851	1.926	1.924	1.917	1.905	3.97
77)	T	C309	4-Isopropylto	3.431	3.257	3.412	3.474	3.614	3.619	3.468	3.94
78)	T	C267	1,4-Dichlorob	2.119	1.831	1.873	1.923	1.949	1.938	1.939	5.09
79)	T	C249	1,2-Dichlorob	1.883	1.642	1.739	1.766	1.813	1.829	1.779	4.70
80)	T	C310	n-Butylbenzen	2.967	2.853	2.984	3.119	3.205	3.217	3.057	4.77
81)	T	C286	1,2-Dibromo-3	0.140	0.124	0.128	0.131	0.139	0.140	0.134	5.23
82)	T	C313	1,2,4-Trichlo	0.887	0.884	0.971	1.008	1.081	1.120	0.992	9.83
83)	T	C316	Hexachlorobut	0.476	0.456	0.506	0.515	0.527	0.526	0.501	5.78
84)	T	C314	Naphthalene	2.181	1.947	2.116	2.203	2.426	2.476	2.225	8.88
85)	T	C934	1,2,3-Trichlo	0.833	0.774	0.813	0.850	0.918	0.939	0.855	7.38

Total Average %RSD 4.78

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000745-SIXTHPT.M Wed Oct 08 20:07:21 2008 HP5973S

Date: 10/08/2008 ICC Profile Page: 1
Time: 21:16:04 Rept: AN0287R

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D
Fraction: MV

No of Points: 6 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/31/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
2	123-91-1	1,4-Dioxane	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	25.0000	50.0000	125.0000	125.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000	0.0000
150	75-00-3	Chloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
201	110-54-3	Hexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	75.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

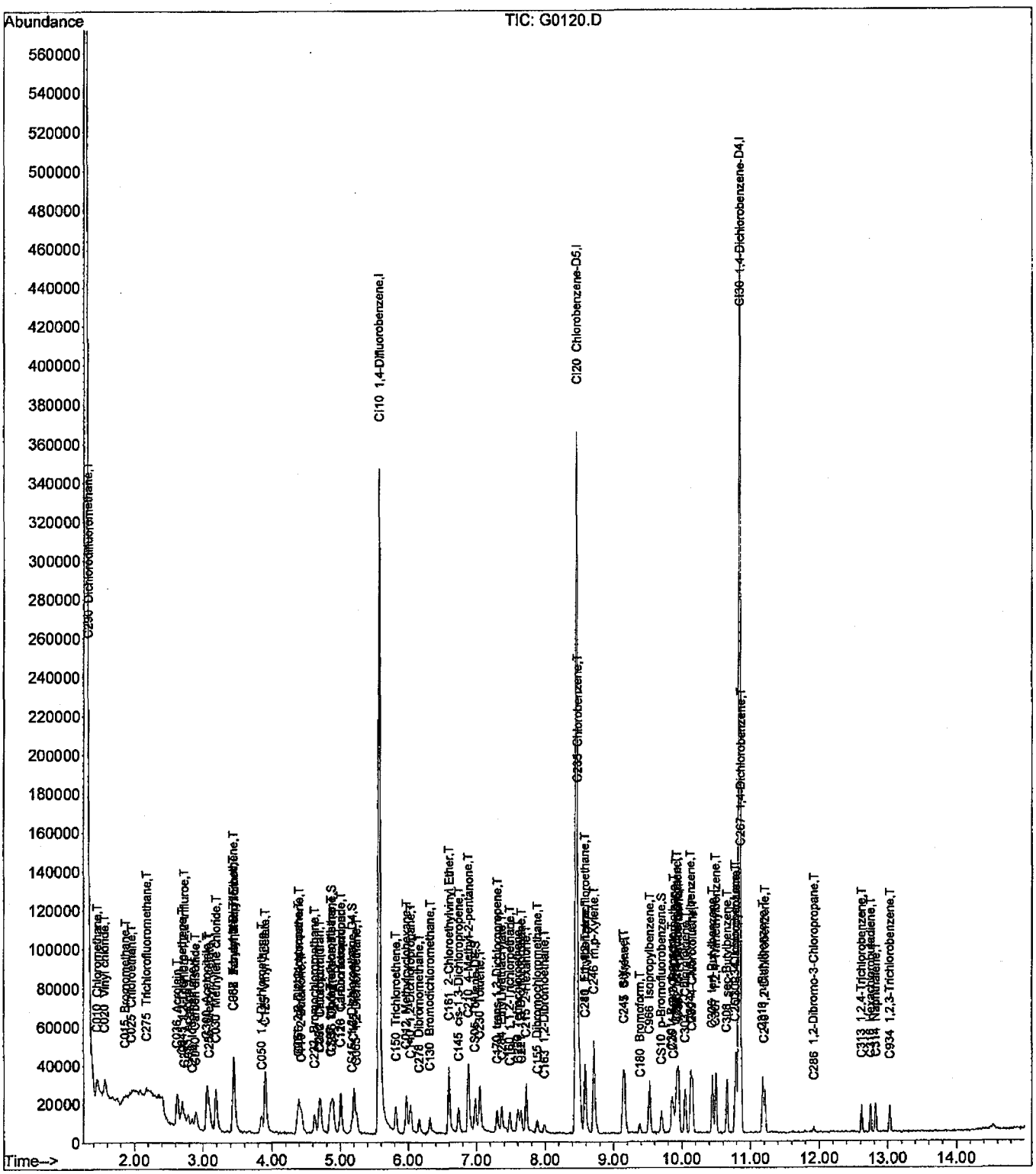
ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
670 SU106-46-7	1,4-Dichlorobenzene-D4	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
680 3114-55-4	Chlorobenzene-D5	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
690 540-36-3	1,4-Difluorobenzene	125.0000	125.0000	125.0000	125.0000	125.0000	0.0000
700 462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
800 1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
805 75-43-4	Dichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
810 594-18-3	Dibromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
815 107-02-8	Acrolein	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
820 76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
825 107-13-1	Acrylonitrile	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
830 80-62-6	Methyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
840 540-59-0	1,2-Dichloroethene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
850 M/P XYLENE	m/p-Xylenes	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
860 95-47-6	o-Xylene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
870 108-05-4	Vinyl acetate	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
880 110-75-8	2-Chloroethylvinyl ether	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
890 110-57-6	trans-1,4-Dichloro-2-butene	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
900 74-88-4	Iodomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
910 97-63-2	Ethyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
920 75-45-6	Chlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
930 544-10-5	1-Chlorohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
935 106-99-0	1,3-Butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
940 75-05-8	Acetonitrile	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
950 60-29-7	Ethyl ether	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
951 108-38-3	m-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
952 106-42-3	p-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
962 542-75-6	1,3-Dichloropropene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
972 64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000	0.0000
982 141-78-6	Ethyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
992 107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
993 126-99-8	2-Chloro-1,3-butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
994 54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0120.D Vial: 3
Acq On : 8 Oct 2008 17:46 Operator: ND
Sample : VSTD001 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 19:33:10 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0120.D Vial: 3
Acq On : 8 Oct 2008 17:46 Operator: ND
Sample : VSTD001 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:33:10 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	5.57	114	371539	125.00	ng		0.00 96.58%
43)	CI20 Chlorobenzene-D5	8.46	82	141617	125.00	ng		0.00 93.32%
63)	CI30 1,4-Dichlorobenzene-	10.84	152	135722	125.00	ng		0.00 92.39%
	System Monitoring Compounds							
26)	CS87 Dibromofluoromethane	4.86	111	3694	5.18	NG		0.00
	Spiked Amount 125.000	Range 70 - 130		Recovery = 4.14%#				
31)	CS15 1,2-Dichloroethane-D	5.17	65	4354	5.85	ng		0.00
	Spiked Amount 125.000	Range 66 - 137		Recovery = 4.68%#				
44)	CS05 Toluene-D8	6.98	98	14077	4.76	ng		0.00
	Spiked Amount 125.000	Range 71 - 126		Recovery = 3.81%#				
62)	CS10 p-Bromofluorobenzene	9.71	174	3514	4.64	ng		0.00
	Spiked Amount 125.000	Range 73 - 120		Recovery = 3.71%#				
	Target Compounds							Qvalue
2)	C290 Dichlorodifluorometh	1.32	85	3529	7.38	ng		100
3)	C010 Chloromethane	1.46	50	8766	6.33	ng		98
4)	C020 Vinyl chloride	1.56	62	7672	5.25	ng		95
5)	C015 Bromomethane	1.87	94	2549	7.16	ng		96
6)	C025 Chloroethane	1.96	64	3270	5.51	ng		95
7)	C275 Trichlorofluorometha	2.18	101	7302m	4.59	ng		78
8)	C045 1,1-Dichloroethene	2.70	96	6103	5.88	ng	#	77
9)	C030 Methylene chloride	3.19	84	12901	7.61	ng		95
10)	C040 Carbon disulfide	2.90	76	18086	6.82	ng		97
11)	C036 Acrolein	2.63	56	21677	134.96	ng		91
12)	C038 Acrylonitrile	3.45	53	13986	30.58	ng		94
13)	C035 Acetone	2.78	43	12025	32.31	ng		100
14)	C300 Acetonitrile	3.06	41	36433	215.57	ng		98
15)	C276 Iodomethane	2.84	142	9806	5.52	ng		84
16)	C291 1,1,2-Trichloro-1,2,	2.73	101	4655	5.93	ng	#	92
17)	C962 T-butyl Methyl Ether	3.45	73	19041	6.04	ng		82
18)	C057 trans-1,2-Dichloroet	3.44	96	6710	5.40	ng		94
19)	C255 Methyl Acetate	3.10	43	12236	6.92	ng	#	90
20)	C050 1,1-Dichloroethane	3.85	63	11555	5.87	ng		98
21)	C125 Vinyl Acetate	3.90	43	62254	30.97	ng		100
22)	C051 2,2-Dichloropropane	4.38	77	8230	7.75	ng		92
23)	C056 cis-1,2-Dichloroethe	4.40	96	6859	5.38	ng		88
24)	C272 Tetrahydrofuran	4.69	42	10054	28.18	ng		98
25)	C222 Bromochloromethane	4.62	128	3167	4.89	ng		91
27)	C060 Chloroform	4.71	83	10535	6.43	ng		97
28)	C115 1,1,1-Trichloroethan	4.85	97	8137	6.39	ng		90
29)	C120 Carbon tetrachloride	5.00	117	5895	6.20	ng		98
30)	C116 1,1-Dichloropropene	5.01	75	6574	5.46	ng		90
32)	C165 Benzene	5.20	78	24133	5.46	ng		100
33)	C065 1,2-Dichloroethane	5.23	62	7613	5.66	ng		99
34)	C110 2-Butanone	4.43	43	14707	28.61	ng		95
35)	C256 Cyclohexane	4.88	56	10850	6.24	ng		97
36)	C150 Trichloroethene	5.82	95	5843	5.88	ng		94
37)	C140 1,2-Dichloropropane	6.04	63	6118	5.59	ng		86
38)	C278 Dibromomethane	6.16	93	3403	5.95	ng		78

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0120.D Vial: 3
Acq On : 8 Oct 2008 17:46 Operator: ND
Sample : VSTD001 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:33:10 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	7206	7.26	ng		99
40) C161	2-Chloroethylvinyl E	6.59	63	18546	27.60	ng		96
41) C012	Methylcyclohexane	5.97	83	10219	6.33	ng		97
42) C145	cis-1,3-Dichloroprop	6.74	75	8584	6.18	ng		92
45) C230	Toluene	7.05	92	13718	4.95	ng		89
46) C170	trans-1,3-Dichloropr	7.30	75	7645	6.60	ng		97
47) C284	Ethyl Methacrylate	7.37	69	7827	6.76	ng	#	96
48) C160	1,1,2-Trichloroethan	7.48	83	3960	5.72	ng		97
49) C210	4-Methyl-2-pentanone	6.88	43	33222	29.27	ng		99
50) C220	Tetrachloroethene	7.60	166	4723	4.57	ng		95
51) C221	1,3-Dichloropropane	7.65	76	7827	5.27	ng		92
52) C155	Dibromochloromethane	7.88	129	4921	6.57	ng		94
53) C163	1,2-Dibromoethane	7.99	107	4763	5.75	ng		83
54) C215	2-Hexanone	7.72	43	21710	30.58	ng		94
55) C235	Chlorobenzene	8.48	112	14651	5.01	ng		95
56) C281	1,1,1,2-Tetrachloroe	8.58	131	4968	5.88	ng		86
57) C240	Ethylbenzene	8.59	91	23351	5.26	ng		100
58) C246	m,p-Xylene	8.71	106	17886	9.47	ng		99
59) C247	o-Xylene	9.14	106	9424	5.08	ng		91
60) C245	Styrene	9.16	104	14956	5.10	ng		96
61) C180	Bromoform	9.38	173	2815	7.98	ng		95
64) C966	Isopropylbenzene	9.52	105	22308	5.63	ng		99
65) C301	Bromobenzene	9.85	156	6011	5.62	ng		96
66) C225	1,1,2,2-Tetrachloroe	9.88	83	6107	6.63	ng		98
67) C282	1,2,3-Trichloropropa	9.91	110	1672	5.51	ng		100
68) C283	t-1,4-Dichloro-2-But	9.92	51	4079	32.01	ng	#	54
69) C302	n-Propylbenzene	9.95	91	27369	5.76	ng		97
70) C303	2-Chlorotoluene	10.05	126	5531	5.18	ng		100
71) C289	4-Chlorotoluene	10.15	126	5577	4.97	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	18280	5.59	ng		100
73) C306	tert-Butylbenzene	10.44	134	4193	5.36	ng		93
74) C307	1,2,4-Trimethylbenze	10.49	105	18805	5.76	ng		100
75) C308	sec-Butylbenzene	10.66	105	20653	5.32	ng		99
76) C260	1,3-Dichlorobenzene	10.77	146	10958	5.04	ng		89
77) C309	4-Isopropyltoluene	10.79	119	18628	4.99	ng		98
78) C267	1,4-Dichlorobenzene	10.87	146	11503	5.20	ng		96
79) C249	1,2-Dichlorobenzene	11.21	146	10221	5.05	ng		93
80) C310	n-Butylbenzene	11.18	91	16110	5.27	ng		98
81) C286	1,2-Dibromo-3-Chloro	11.92	75	762	9.25	ng		81
82) C313	1,2,4-Trichlorobenze	12.61	180	4818	5.07	ng		85
83) C316	Hexachlorobutadiene	12.75	225	2583	7.13	ng		97
84) C314	Naphthalene	12.82	128	11842	4.96	ng		96
85) C934	1,2,3-Trichlorobenze	13.03	180	4520	5.59	ng		95

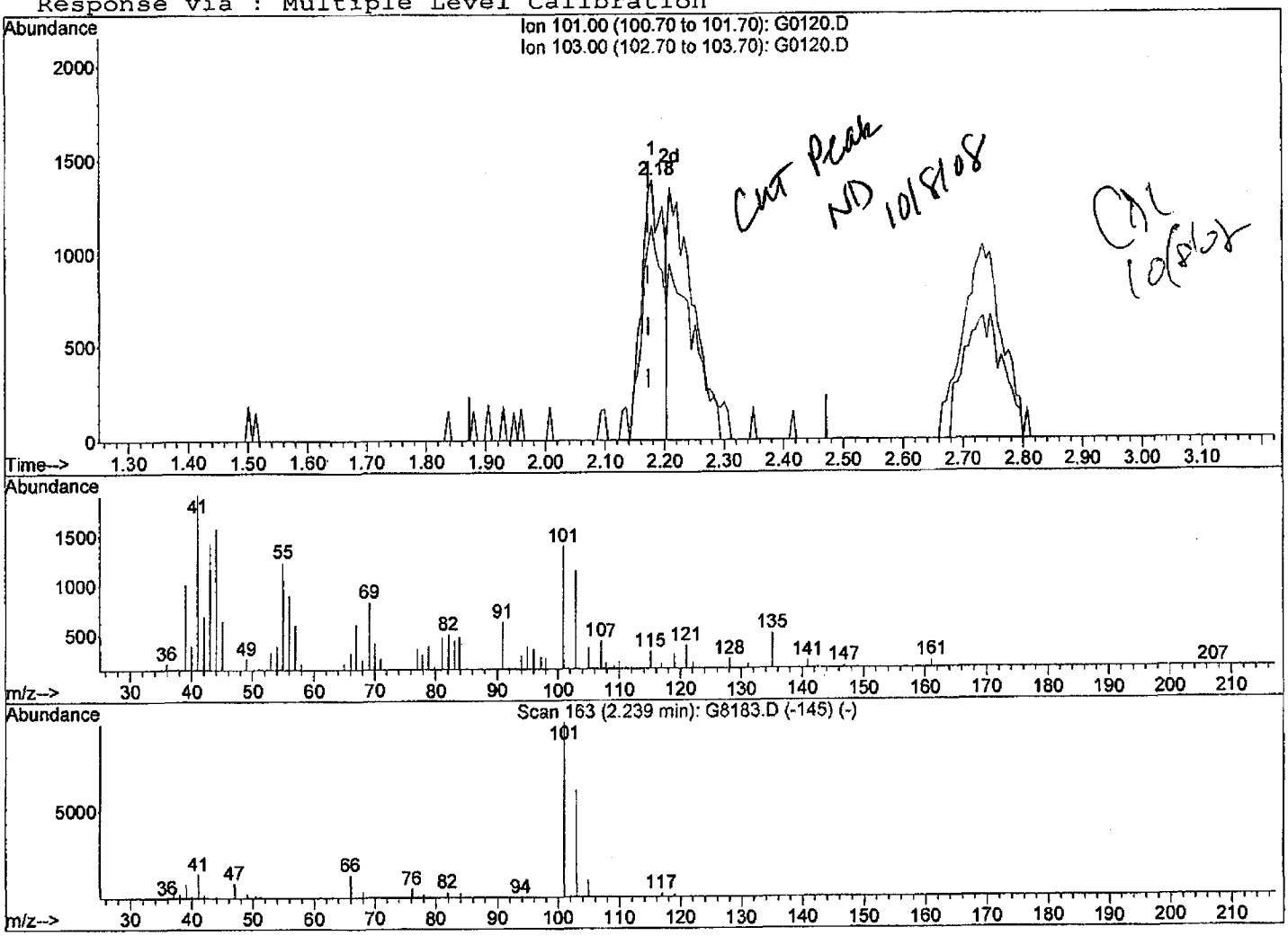
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0120.D
Acq On : 8 Oct 2008 17:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:32:42 2008

Vial: 3
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Multiple Level Calibration



TIC: G0120.D

(7) C275 Trichlorofluoromethane (T)

2.18min (+0.006) 2.24ng

response 3562

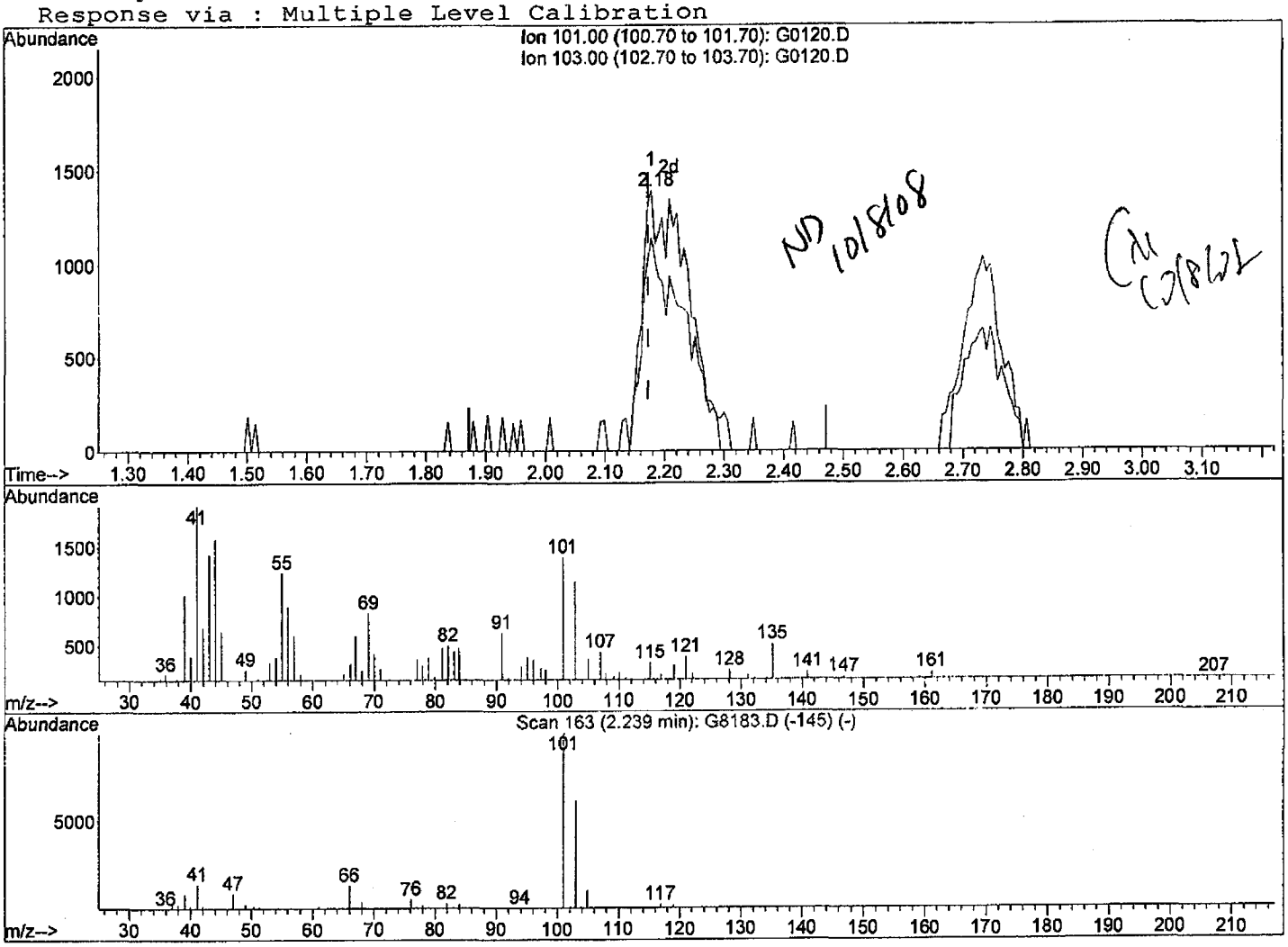
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	82.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0120.D
Acq On : 8 Oct 2008 17:46
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:32:42 2008

Vial: 3
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Multiple Level Calibration



TIC: G0120.D

(7) C275 Trichlorofluoromethane (T)

2.18min (+0.006) 4.59ng m

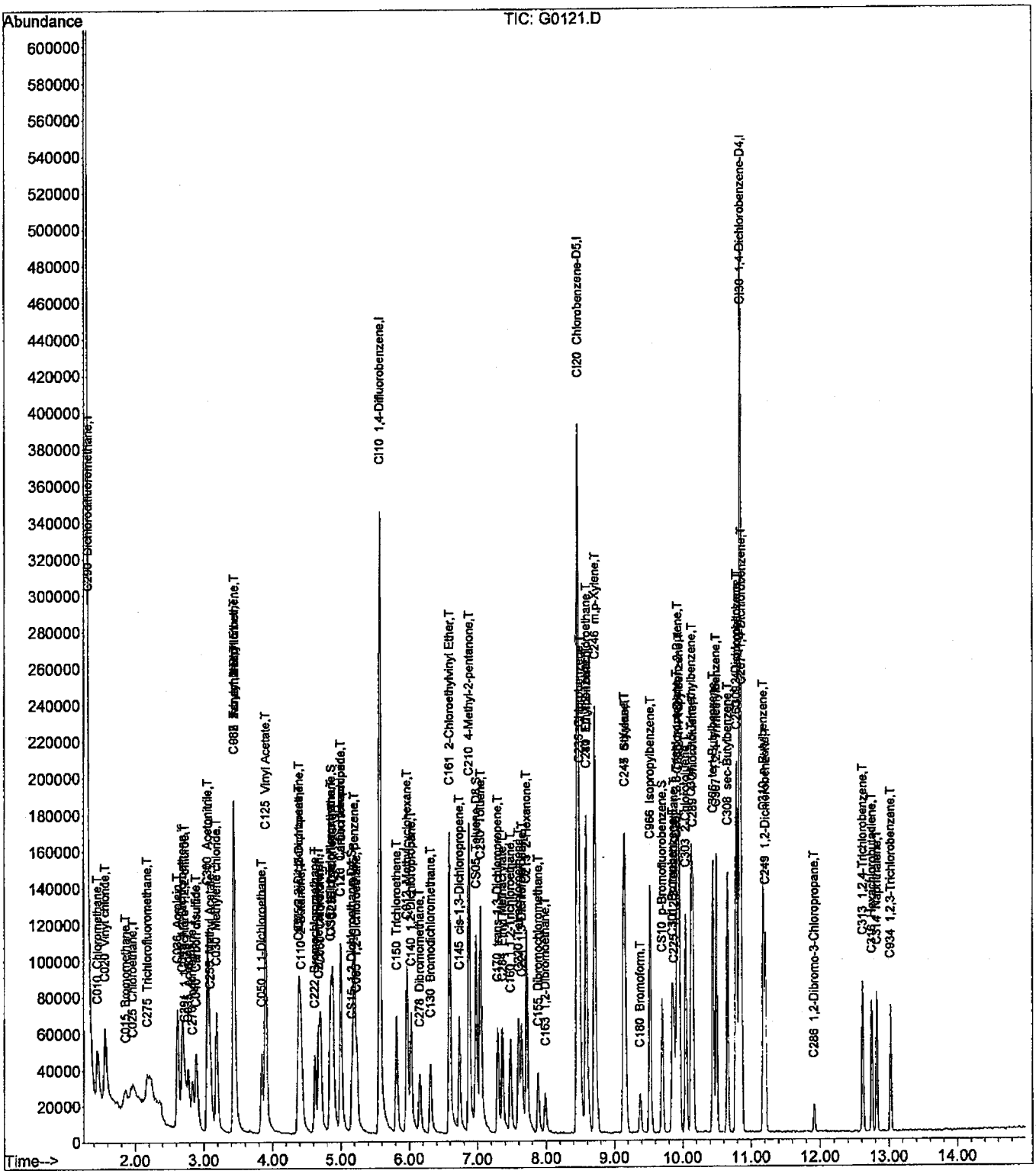
response 7302

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	82.16
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0121.D Vial: 4
Acq On : 8 Oct 2008 18:09 Operator: ND
Sample : VSTD005 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 19:33:45 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0121.D Vial: 4
Acq On : 8 Oct 2008 18:09 Operator: ND
Sample : VSTD005 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:33:45 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	362443	125.00	ng	0.00 94.22%
43) CI20	Chlorobenzene-D5	8.46	82	148037	125.00	ng	0.00 97.55%
63) CI30	1,4-Dichlorobenzene-	10.84	152	145359	125.00	ng	0.00 98.95%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.85	111	22760	32.74	NG	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		26.19%#
31) CS15	1,2-Dichloroethane-D	5.16	65	24416	33.60	ng	0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =		26.88%#
44) CS05	Toluene-D8	6.98	98	90203	29.18	ng	0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =		23.34%#
62) CS10	p-Bromofluorobenzene	9.70	174	23275	29.43	ng	0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =		23.54%#
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.32	85	19264	41.32	ng	100
3) C010	Chloromethane	1.45	50	38858	28.75	ng	94
4) C020	Vinyl chloride	1.56	62	37857	26.57	ng	85
5) C015	Bromomethane	1.85	94	10458	30.13	ng	98
6) C025	Chloroethane	1.97	64	15671	27.05	ng	89
7) C275	Trichlorofluorometha	2.18	101	36329	23.40	ng	98
8) C045	1,1-Dichloroethene	2.69	96	28103	27.77	ng	97
9) C030	Methylene chloride	3.19	84	37046	22.40	ng	97
10) C040	Carbon disulfide	2.89	76	82406	31.85	ng	98
11) C036	Acrolein	2.62	56	82158	524.35	ng	95
12) C038	Acrylonitrile	3.44	53	58290	130.67	ng	95
13) C035	Acetone	2.78	43	45221	124.57	ng	98
14) C300	Acetonitrile	3.06	41	166353	1009.01	ng	97
15) C276	Iodomethane	2.84	142	43774	25.26	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.73	101	22957	29.99	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	86681	28.18	ng	84
18) C057	trans-1,2-Dichloroet	3.43	96	30446	25.12	ng	98
19) C255	Methyl Acetate	3.10	43	45922	26.61	ng	99
20) C050	1,1-Dichloroethane	3.84	63	54248	28.25	ng	97
21) C125	Vinyl Acetate	3.90	43	267308	136.32	ng	100
22) C051	2,2-Dichloropropane	4.38	77	39490	38.13	ng	96
23) C056	cis-1,2-Dichloroethe	4.40	96	31215	25.10	ng	91
24) C272	Tetrahydrofuran	4.68	42	46087	132.41	ng	96
25) C222	Bromochloromethane	4.62	128	14957	23.69	ng	92
27) C060	Chloroform	4.71	83	45102	28.20	ng	99
28) C115	1,1,1-Trichloroethan	4.85	97	38405	30.89	ng	98
29) C120	Carbon tetrachloride	5.00	117	33131	35.69	ng	97
30) C116	1,1-Dichloropropene	5.00	75	34754	29.59	ng	97
32) C165	Benzene	5.20	78	112385	26.05	ng	100
33) C065	1,2-Dichloroethane	5.23	62	35655	27.15	ng	97
34) C110	2-Butanone	4.43	43	65271	130.15	ng	99
35) C256	Cyclohexane	4.88	56	51092	30.12	ng	94
36) C150	Trichloroethene	5.81	95	26819	27.65	ng	98
37) C140	1,2-Dichloropropane	6.03	63	29403	27.54	ng	99
38) C278	Dibromomethane	6.16	93	15069	27.02	ng	90

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0121.D Vial: 4
Acq On : 8 Oct 2008 18:09 Operator: ND
Sample : VSTD005 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:33:45 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

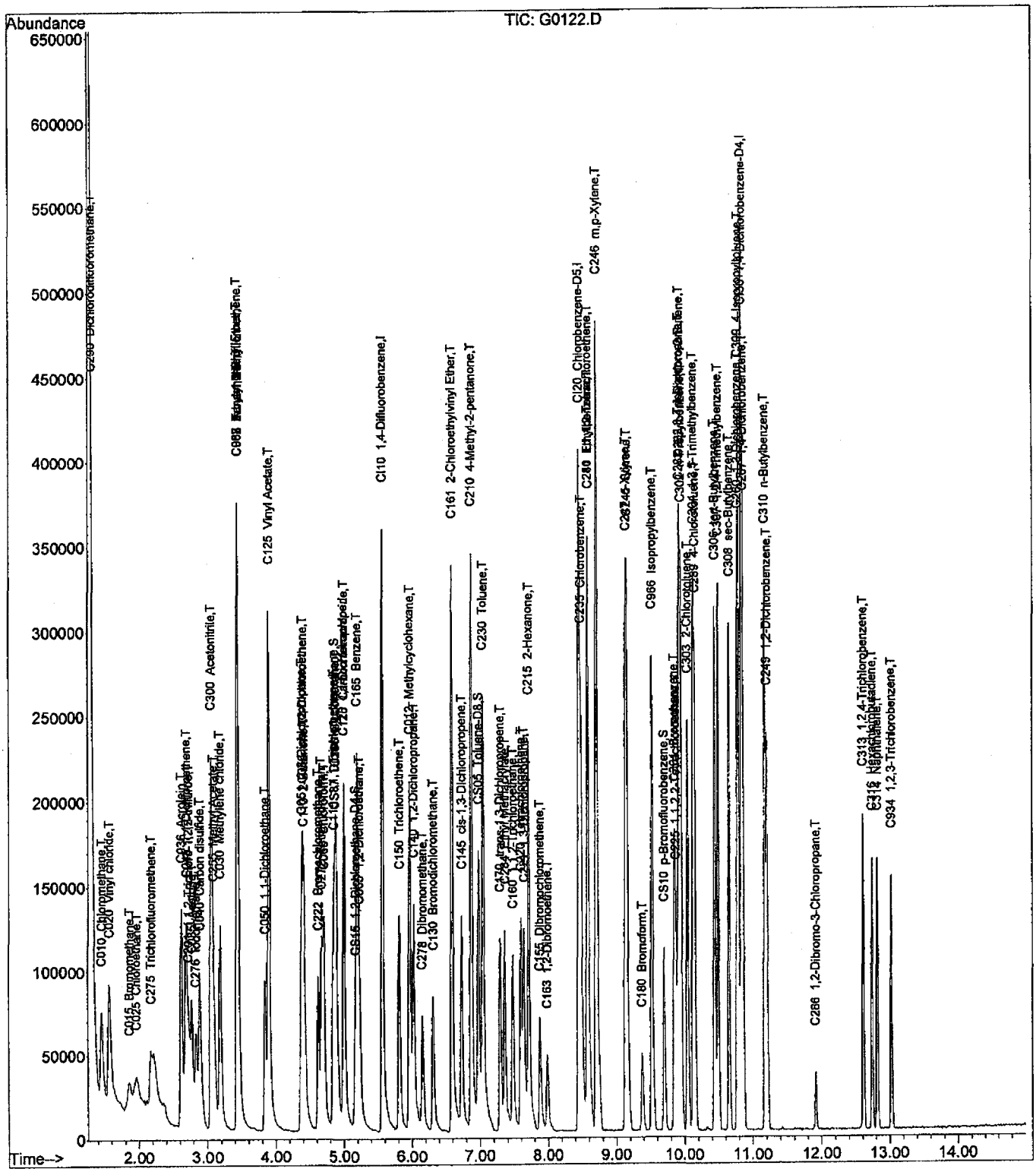
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	32848	33.94	ng		100
40) C161	2-Chloroethylvinyl E	6.59	63	89548	136.59	ng		99
41) C012	Methylcyclohexane	5.97	83	46257	29.39	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	42755	31.53	ng		98
45) C230	Toluene	7.05	92	68304	23.57	ng		88
46) C170	trans-1,3-Dichloropr	7.29	75	36843	30.41	ng		92
47) C284	Ethyl Methacrylate	7.37	69	33665	27.83	ng	#	92
48) C160	1,1,2-Trichloroethan	7.48	83	18480	25.54	ng		97
49) C210	4-Methyl-2-pentanone	6.88	43	151308	127.52	ng		98
50) C220	Tetrachloroethene	7.60	166	26472	24.49	ng		93
51) C221	1,3-Dichloropropane	7.65	76	37228	23.96	ng		94
52) C155	Dibromochloromethane	7.88	129	23497	30.00	ng		97
53) C163	1,2-Dibromoethane	7.99	107	21230	24.52	ng		98
54) C215	2-Hexanone	7.72	43	95411	128.58	ng		97
55) C235	Chlorobenzene	8.49	112	69142	22.61	ng		96
56) C281	1,1,1,2-Tetrachloroe	8.58	131	24362	27.60	ng		89
57) C240	Ethylbenzene	8.59	91	114120	24.58	ng		98
58) C246	m,p-Xylene	8.71	106	90947	46.08	ng		96
59) C247	o-Xylene	9.14	106	45374	23.39	ng		97
60) C245	Styrene	9.16	104	71356	23.27	ng		94
61) C180	Bromoform	9.38	173	13700	37.13	ng		96
64) C966	Isopropylbenzene	9.52	105	111813	26.37	ng		99
65) C301	Bromobenzene	9.85	156	27695	24.18	ng		99
66) C225	1,1,2,2-Tetrachloroe	9.88	83	25798	26.16	ng		95
67) C282	1,2,3-Trichloropropa	9.91	110	7963	24.50	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	19768	144.83	ng	#	57
69) C302	n-Propylbenzene	9.95	91	134215	26.39	ng		98
70) C303	2-Chlorotoluene	10.04	126	26926	23.54	ng		100
71) C289	4-Chlorotoluene	10.15	126	27628	23.00	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	91953	26.24	ng		97
73) C306	tert-Butylbenzene	10.44	134	20557	24.56	ng		98
74) C307	1,2,4-Trimethylbenze	10.49	105	90918	26.01	ng		99
75) C308	sec-Butylbenzene	10.66	105	106612	25.65	ng		94
76) C260	1,3-Dichlorobenzene	10.78	146	52215	22.43	ng		99
77) C309	4-Isopropyltoluene	10.79	119	94695	23.70	ng		98
78) C267	1,4-Dichlorobenzene	10.87	146	53234	22.49	ng		98
79) C249	1,2-Dichlorobenzene	11.21	146	47731	22.00	ng		97
80) C310	n-Butylbenzene	11.18	91	82940	25.35	ng		100
81) C286	1,2-Dibromo-3-Chloro	11.91	75	3606	40.86	ng		95
82) C313	1,2,4-Trichlorobenze	12.61	180	25708	25.24	ng		98
83) C316	Hexachlorobutadiene	12.75	225	13255	34.14	ng		85
84) C314	Naphthalene	12.82	128	56603	22.15	ng		98
85) C934	1,2,3-Trichlorobenze	13.03	180	22508	25.99	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0122.D Vial: 5
Acq On : 8 Oct 2008 18:32 Operator: ND
Sample : VSTD010 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 19:34:48 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0122.D Vial: 5
Acq On : 8 Oct 2008 18:32 Operator: ND
Sample : VSTD010 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:34:48 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	367525	125.00	ng	0.00 95.54%
43) CI20	Chlorobenzene-D5	8.46	82	148811	125.00	ng	0.00 98.06%
63) CI30	1,4-Dichlorobenzene-	10.84	152	147744	125.00	ng	0.00 100.57%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.86	111	35528	50.40	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	40.32%#	
31) CS15	1,2-Dichloroethane-D	5.17	65	43235	58.68	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	46.94%#	
44) CS05	Toluene-D8	6.98	98	137122	44.13	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	35.30%#	
62) CS10	p-Bromofluorobenzene	9.70	174	37275	46.88	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	37.50%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.31	85	41166m	87.07	ng	# 100
3) C010	Chloromethane	1.45	50	78288	57.13	ng	100
4) C020	Vinyl chloride	1.56	62	77359	53.54	ng	86
5) C015	Bromomethane	1.87	94	19579	55.64	ng	81
6) C025	Chloroethane	1.96	64	29805	50.74	ng	96
7) C275	Trichlorofluorometha	2.18	101	77471	49.21	ng	99
8) C045	1,1-Dichloroethene	2.69	96	56190	54.76	ng	95
9) C030	Methylene chloride	3.18	84	68346	40.75	ng	99
10) C040	Carbon disulfide	2.89	76	174158	66.39	ng	100
11) C036	Acrolein	2.62	56	160454	1009.88	ng	95
12) C038	Acrylonitrile	3.43	53	116743	258.08	ng	93
13) C035	Acetone	2.78	43	93176	253.12	ng	98
14) C300	Acetonitrile	3.06	41	336832	2014.80	ng	98
15) C276	Iodomethane	2.84	142	91014	51.79	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.73	101	49204	63.38	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	178914	57.36	ng	87
18) C057	trans-1,2-Dichloroet	3.44	96	61949	50.42	ng	96
19) C255	Methyl Acetate	3.09	43	94970	54.26	ng	98
20) C050	1,1-Dichloroethane	3.84	63	111446	57.24	ng	98
21) C125	Vinyl Acetate	3.90	43	570214	286.78	ng	99
22) C051	2,2-Dichloropropane	4.38	77	78736	74.97	ng	99
23) C056	cis-1,2-Dichloroethe	4.40	96	63743	50.54	ng	92
24) C272	Tetrahydrofuran	4.67	42	94928	268.96	ng	96
25) C222	Bromochloromethane	4.62	128	31359	48.98	ng	90
27) C060	Chloroform	4.71	83	92081	56.78	ng	99
28) C115	1,1,1-Trichloroethan	4.85	97	79329	62.93	ng	94
29) C120	Carbon tetrachloride	5.00	117	67577	71.80	ng	97
30) C116	1,1-Dichloropropene	5.01	75	71432	59.97	ng	94
32) C165	Benzene	5.20	78	228581	52.26	ng	99
33) C065	1,2-Dichloroethane	5.23	62	75233	56.50	ng	92
34) C110	2-Butanone	4.42	43	132016	259.61	ng	99
35) C256	Cyclohexane	4.88	56	113063	65.73	ng	90
36) C150	Trichloroethene	5.82	95	52497	53.38	ng	97
37) C140	1,2-Dichloropropane	6.03	63	59263	54.74	ng	99
38) C278	Dibromomethane	6.16	93	30793	54.46	ng	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0122.D Vial: 5
Acq On : 8 Oct 2008 18:32 Operator: ND
Sample : VSTD010 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:34:48 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	65731	66.97	ng		99
40) C161	2-Chloroethylvinyl E	6.60	63	181549	273.10	ng		99
41) C012	Methylcyclohexane	5.97	83	100836	63.18	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	87680	63.76	ng		99
45) C230	Toluene	7.05	92	138893	47.68	ng		99
46) C170	trans-1,3-Dichloropr	7.29	75	77054	63.27	ng		91
47) C284	Ethyl Methacrylate	7.37	69	67538	55.54	ng	#	93
48) C160	1,1,2-Trichloroethan	7.48	83	35593	48.94	ng		99
49) C210	4-Methyl-2-pentanone	6.88	43	303925	254.81	ng		98
50) C220	Tetrachloroethene	7.60	166	53190	48.95	ng		95
51) C221	1,3-Dichloropropane	7.65	76	77511	49.62	ng		99
52) C155	Dibromochloromethane	7.88	129	47853	60.77	ng		98
53) C163	1,2-Dibromoethane	7.99	107	43356	49.82	ng		97
54) C215	2-Hexanone	7.71	43	192127	257.58	ng		96
55) C235	Chlorobenzene	8.49	112	143689	46.74	ng		97
56) C281	1,1,1,2-Tetrachloroe	8.58	131	50205	56.59	ng		92
57) C240	Ethylbenzene	8.59	91	231828	49.68	ng		96
58) C246	m,p-Xylene	8.71	106	187360	94.44	ng		94
59) C247	o-Xylene	9.13	106	93381	47.89	ng		98
60) C245	Styrene	9.16	104	147748	47.93	ng		98
61) C180	Bromoform	9.38	173	28635	77.21	ng		96
64) C966	Isopropylbenzene	9.52	105	226819	52.63	ng		99
65) C301	Bromobenzene	9.85	156	57483	49.38	ng		99
66) C225	1,1,2,2-Tetrachloroe	9.88	83	51798	51.68	ng		99
67) C282	1,2,3-Trichloropropa	9.91	110	16191	49.02	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	40730	293.59	ng	#	63
69) C302	n-Propylbenzene	9.95	91	272606	52.74	ng		99
70) C303	2-Chlorotoluene	10.04	126	56278	48.40	ng		100
71) C289	4-Chlorotoluene	10.15	126	55977	45.85	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	189889	53.31	ng		98
73) C306	tert-Butylbenzene	10.44	134	42642	50.12	ng		98
74) C307	1,2,4-Trimethylbenze	10.49	105	188260	52.99	ng		99
75) C308	sec-Butylbenzene	10.66	105	222251	52.62	ng		96
76) C260	1,3-Dichlorobenzene	10.77	146	109384	46.22	ng		97
77) C309	4-Isopropyltoluene	10.79	119	201618	49.65	ng		97
78) C267	1,4-Dichlorobenzene	10.87	146	110702	46.01	ng		99
79) C249	1,2-Dichlorobenzene	11.21	146	102773	46.61	ng		96
80) C310	n-Butylbenzene	11.18	91	176345	53.02	ng		97
81) C286	1,2-Dibromo-3-Chloro	11.92	75	7574	84.44	ng		94
82) C313	1,2,4-Trichlorobenze	12.61	180	57359	55.42	ng		100
83) C316	Hexachlorobutadiene	12.75	225	29884	75.74	ng		98
84) C314	Naphthalene	12.82	128	125079	48.16	ng		97
85) C934	1,2,3-Trichlorobenze	13.03	180	48057	54.59	ng		97

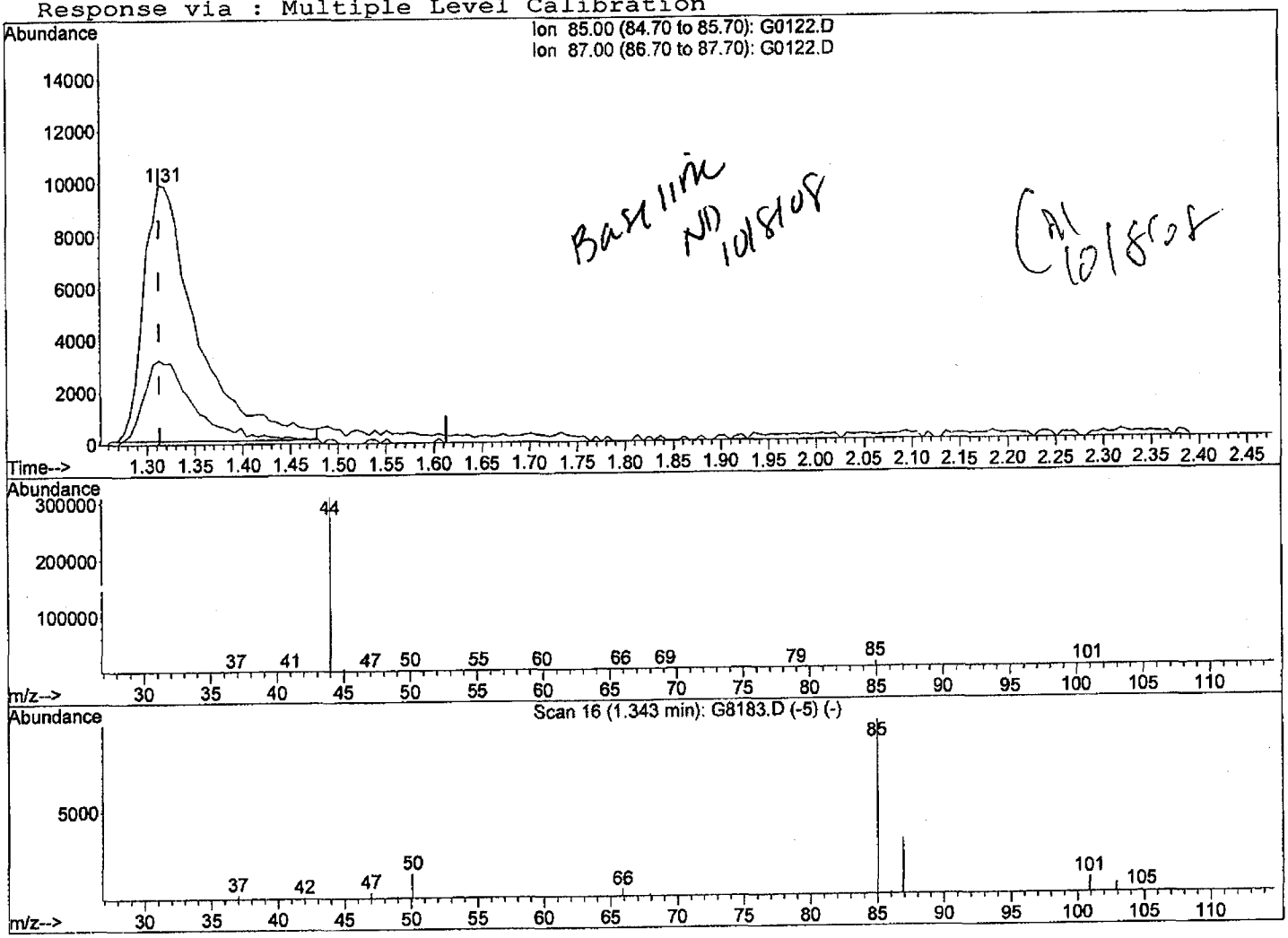
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0122.D
Acq On : 8 Oct 2008 18:32
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:34:22 2008

Vial: 5
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Multiple Level Calibration



TIC: G0122.D

(2) C290 Dichlorodifluoromethane (T)

1.31min (-0.000) 80.72ng

response 38165

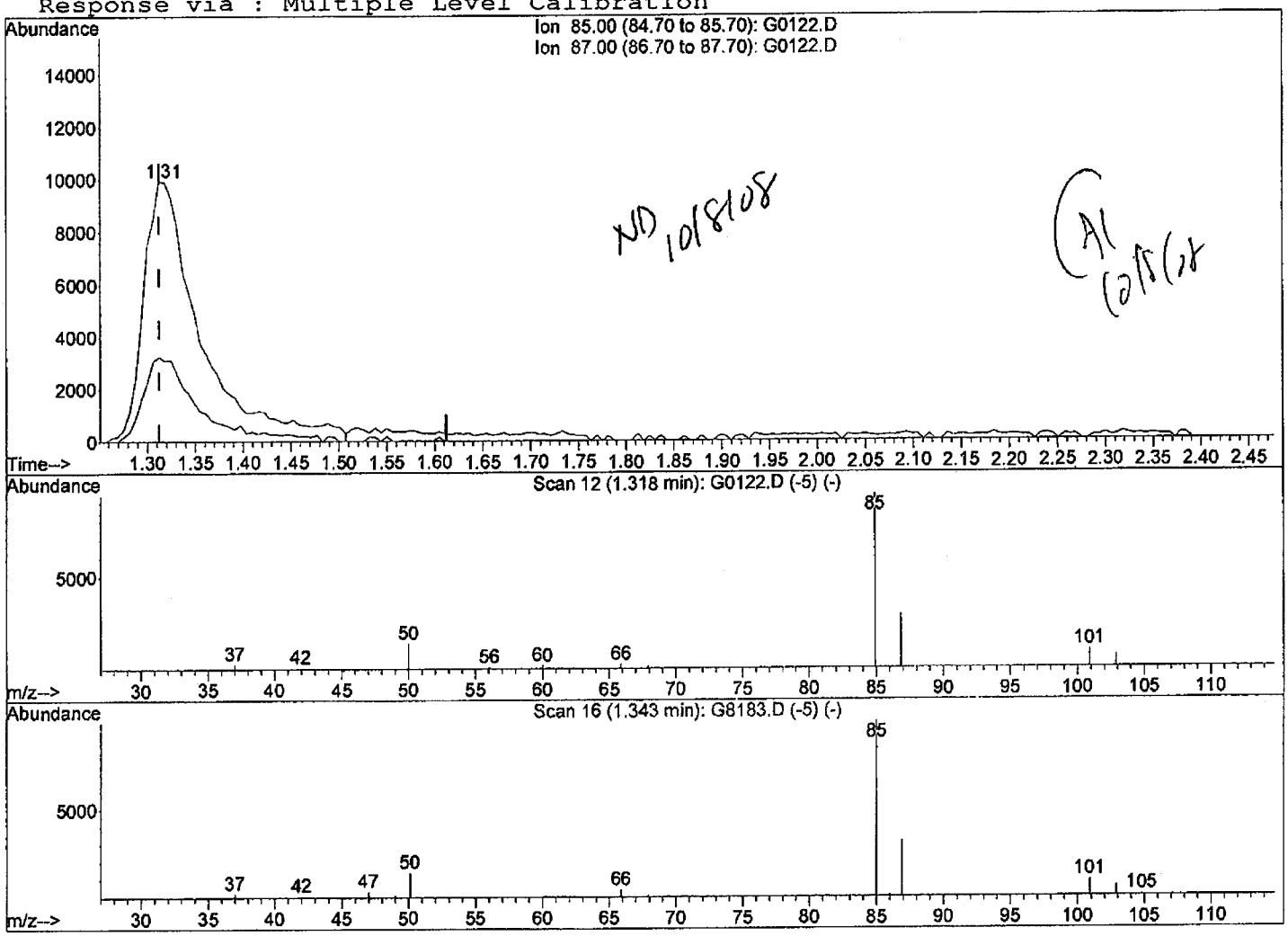
Ion	Exp%	Act%
85.00	100	100
87.00	0.00	32.64#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0122.D
Acq On : 8 Oct 2008 18:32
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:34:22 2008

Vial: 5
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Multiple Level Calibration



ND 101808

CA 10/8/08

TIC: G0122.D

(2) C290 Dichlorodifluoromethane (T)

1.31min (-0.000) 87.07ng m

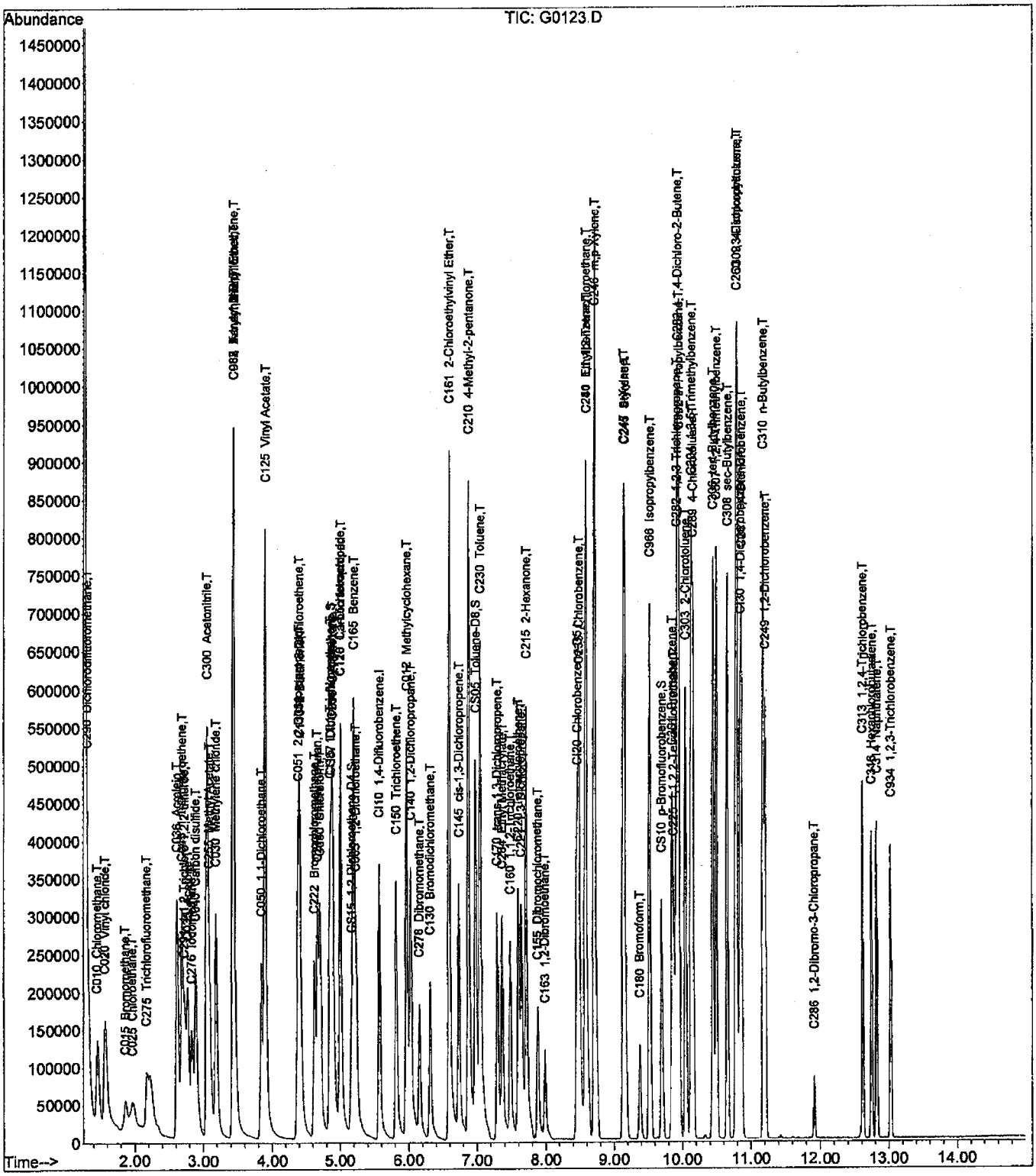
response 41166

Ion	Exp%	Act%
85.00	100	100
87.00	0.00	32.64#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 19:31:46 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:46 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	384685	125.00	ng	0.00 104.85%
43) CI20	Chlorobenzene-D5	8.46	82	151757	125.00	ng	0.00 98.07%
63) CI30	1,4-Dichlorobenzene-	10.84	152	146906	125.00	ng	0.00 101.64%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.85	111	104759	141.98	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	113.58%	
31) CS15	1,2-Dichloroethane-D	5.17	65	113104	146.65	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	117.32%	
44) CS05	Toluene-D8	6.98	98	421513	133.01	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	106.41%	
62) CS10	p-Bromofluorobenzene	9.70	174	107869	133.04	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	106.43%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.31	85	104139m	210.43	ng	# 100
3) C010	Chloromethane	1.46	50	189990	132.45	ng	98
4) C020	Vinyl chloride	1.57	62	188487	124.64	ng	88
5) C015	Bromomethane	1.87	94	45999	124.88	ng	88
6) C025	Chloroethane	1.97	64	72990	118.71	ng	91
7) C275	Trichlorofluorometha	2.17	101	191189	116.03	ng	97
8) C045	1,1-Dichloroethene	2.69	96	142422	132.61	ng	96
9) C030	Methylene chloride	3.18	84	169489	96.55	ng	97
10) C040	Carbon disulfide	2.89	76	445498	162.24	ng	99
11) C036	Acrolein	2.62	56	397540	2390.47	ng	96
12) C038	Acrylonitrile	3.43	53	299949	633.51	ng	93
13) C035	Acetone	2.78	43	236568	613.98	ng	97
14) C300	Acetonitrile	3.06	41	842658	4815.62	ng	99
15) C276	Iodomethane	2.84	142	234070	127.24	ng	86
16) C291	1,1,2-Trichloro-1,2,	2.73	101	127652	157.09	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	462642	141.71	ng	87
18) C057	trans-1,2-Dichloroet	3.44	96	162809	126.59	ng	98
19) C255	Methyl Acetate	3.09	43	246772	134.71	ng	99
20) C050	1,1-Dichloroethane	3.84	63	296058	145.27	ng	97
21) C125	Vinyl Acetate	3.90	43	1514098	727.51	ng	100
22) C051	2,2-Dichloropropane	4.38	77	203316	184.95	ng	99
23) C056	cis-1,2-Dichloroethe	4.40	96	172005	130.29	ng	92
24) C272	Tetrahydrofuran	4.67	42	248263	672.02	ng	98
25) C222	Bromochloromethane	4.63	128	81662	121.85	ng	96
27) C060	Chloroform	4.71	83	237722	140.04	ng	98
28) C115	1,1,1-Trichloroethan	4.85	97	206601	156.59	ng	97
29) C120	Carbon tetrachloride	5.00	117	175666	178.31	ng	95
30) C116	1,1-Dichloropropene	5.00	75	191219	153.38	ng	96
32) C165	Benzene	5.20	78	611022	133.46	ng	99
33) C065	1,2-Dichloroethane	5.23	62	204317	146.61	ng	94
34) C110	2-Butanone	4.42	43	353620	664.37	ng	97
35) C256	Cyclohexane	4.88	56	296317	164.57	ng	91
36) C150	Trichloroethene	5.82	95	142832	138.77	ng	93
37) C140	1,2-Dichloropropane	6.03	63	160470	141.60	ng	99
38) C278	Dibromomethane	6.16	93	80389	135.83	ng	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:46 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	174374	169.74	ng		99
40) C161	2-Chloroethylvinyl E	6.59	63	481943	692.63	ng		99
41) C012	Methylcyclohexane	5.97	83	269782	161.49	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	231473	160.83	ng		97
45) C230	Toluene	7.05	92	361831	121.79	ng		93
46) C170	trans-1,3-Dichloropr	7.29	75	201076	161.89	ng		92
47) C284	Ethyl Methacrylate	7.37	69	176706	142.48	ng	#	93
48) C160	1,1,2-Trichloroethan	7.48	83	96967	130.75	ng		98
49) C210	4-Methyl-2-pentanone	6.88	43	775110	637.25	ng		98
50) C220	Tetrachloroethene	7.60	166	142578	128.66	ng		99
51) C221	1,3-Dichloropropane	7.65	76	206256	129.49	ng		100
52) C155	Dibromochloromethane	7.88	129	128063	159.48	ng		99
53) C163	1,2-Dibromoethane	7.99	107	110471	124.47	ng		100
54) C215	2-Hexanone	7.71	43	483990	636.27	ng		98
55) C235	Chlorobenzene	8.49	112	368854	117.64	ng		97
56) C281	1,1,1,2-Tetrachloroe	8.58	131	130885	144.66	ng		97
57) C240	Ethylbenzene	8.59	91	601339	126.36	ng		97
58) C246	m,p-Xylene	8.71	106	483935	239.20	ng		95
59) C247	o-Xylene	9.13	106	238852	120.13	ng		95
60) C245	Styrene	9.16	104	387817	123.38	ng		93
61) C180	Bromoform	9.38	173	75510	199.64	ng		98
64) C966	Isopropylbenzene	9.52	105	585357	136.59	ng		99
65) C301	Bromobenzene	9.85	156	150025	129.62	ng		96
66) C225	1,1,2,2-Tetrachloroe	9.88	83	132973	133.43	ng		98
67) C282	1,2,3-Trichloropropa	9.91	110	40589	123.59	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	108274	784.92	ng	#	65
69) C302	n-Propylbenzene	9.95	91	701585	136.50	ng		99
70) C303	2-Chlorotoluene	10.04	126	142089	122.90	ng		100
71) C289	4-Chlorotoluene	10.15	126	146310	120.51	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	474733	134.03	ng		99
73) C306	tert-Butylbenzene	10.44	134	109379	129.30	ng		98
74) C307	1,2,4-Trimethylbenze	10.49	105	477517	135.18	ng		100
75) C308	sec-Butylbenzene	10.66	105	569460	135.59	ng		98
76) C260	1,3-Dichlorobenzene	10.78	146	282907	120.23	ng		98
77) C309	4-Isopropyltoluene	10.79	119	510385	126.41	ng		98
78) C267	1,4-Dichlorobenzene	10.87	146	282473	118.06	ng		99
79) C249	1,2-Dichlorobenzene	11.21	146	259457	118.35	ng		99
80) C310	n-Butylbenzene	11.18	91	458216	138.56	ng		99
81) C286	1,2-Dibromo-3-Chloro	11.92	75	19273	216.09	ng		98
82) C313	1,2,4-Trichlorobenze	12.61	180	148088	143.89	ng		98
83) C316	Hexachlorobutadiene	12.75	225	75697	192.94	ng		100
84) C314	Naphthalene	12.82	128	323596	125.32	ng		98
85) C934	1,2,3-Trichlorobenze	13.03	180	124874	142.66	ng		97

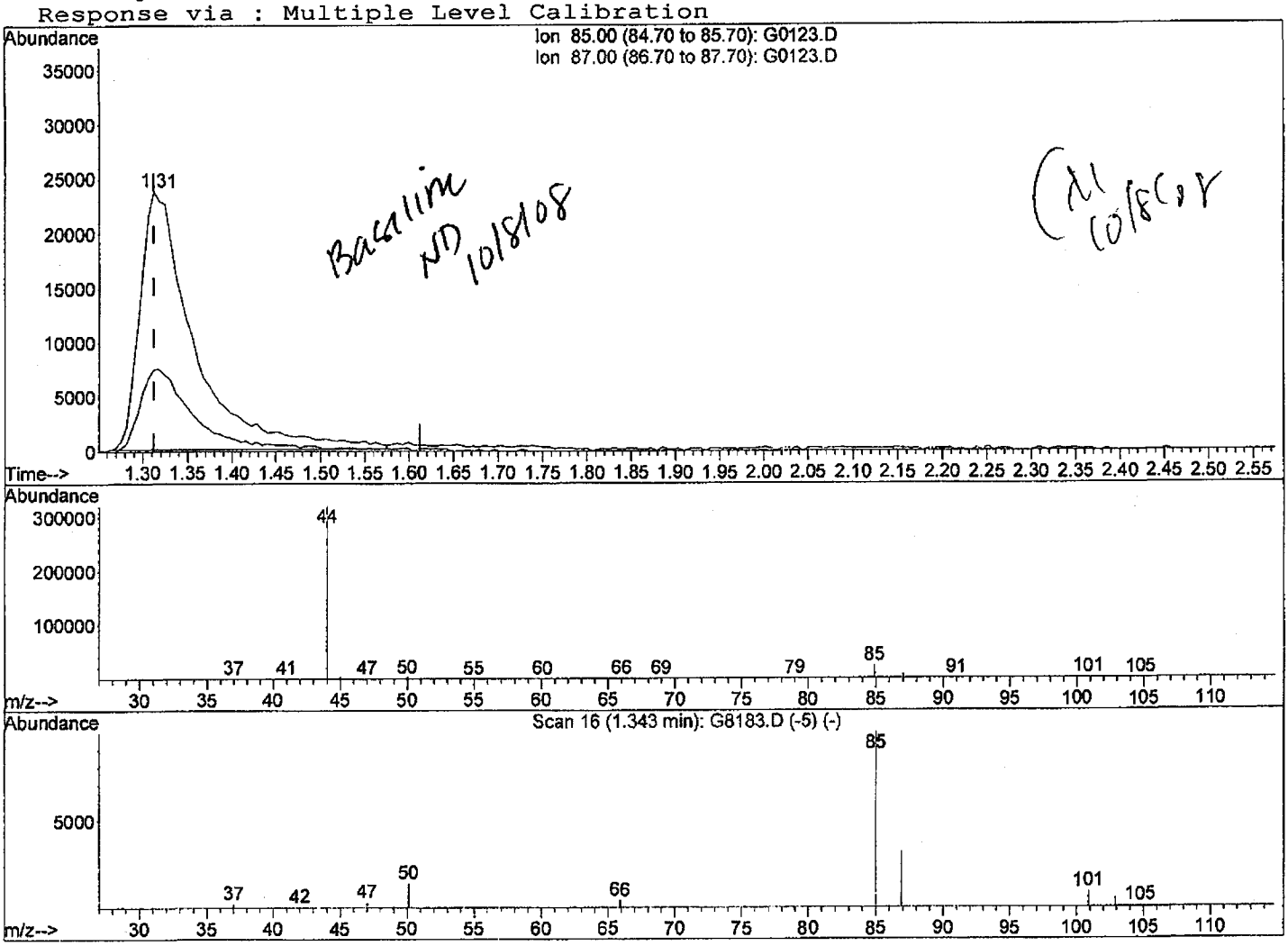
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0123.D
Acq On : 8 Oct 2008 18:55
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:22 2008

Vial: 6
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Multiple Level Calibration



TIC: G0123.D

(2) C290 Dichlorodifluoromethane (T)

1.31min (+0.000) 201.42ng

response 99678

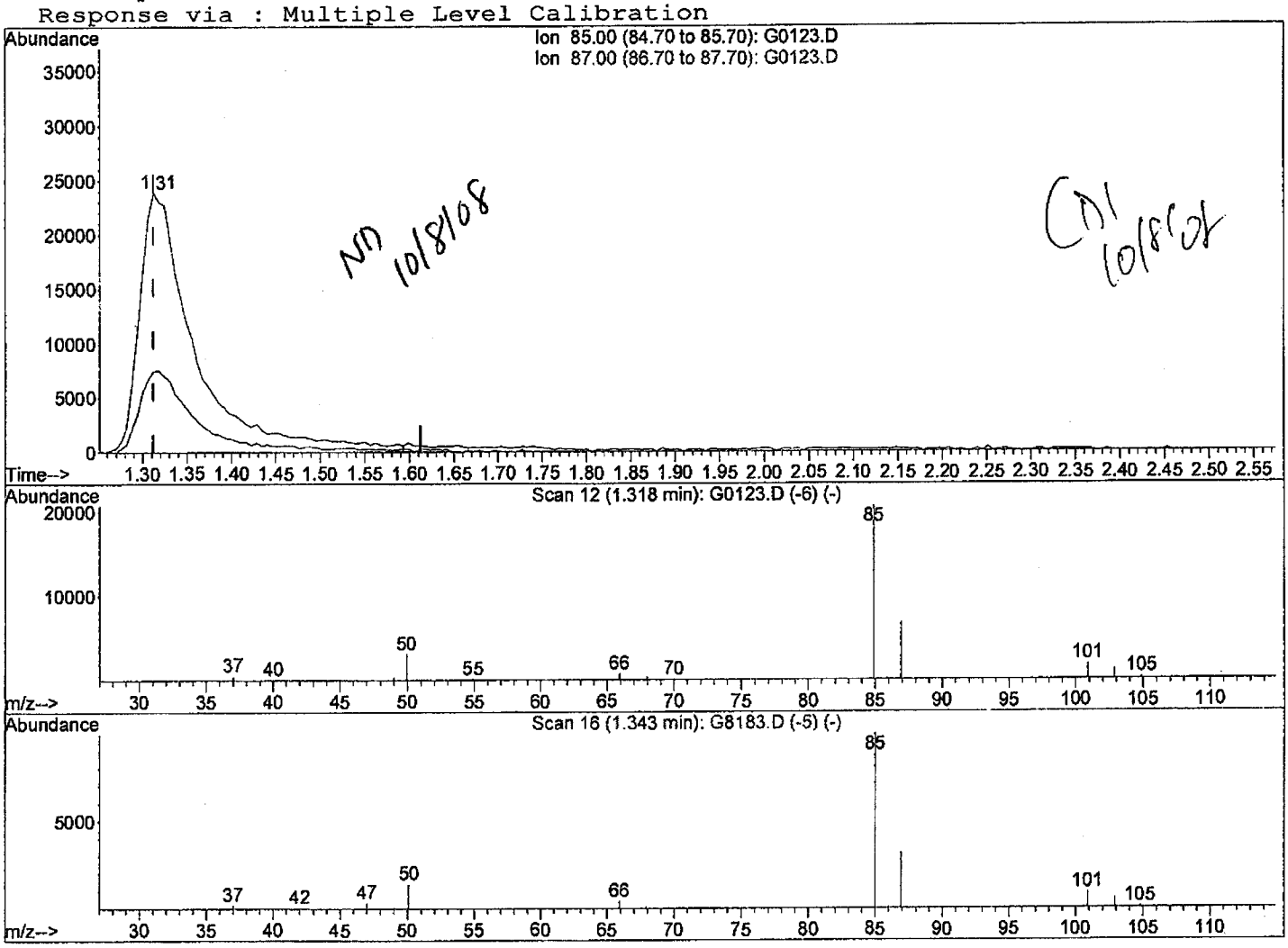
Ion	Exp%	Act%
85.00	100	100
87.00	0.00	31.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0123.D
Acq On : 8 Oct 2008 18:55
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:22 2008

Vial: 6
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Multiple Level Calibration



TIC: G0123.D

(2) C290 Dichlorodifluoromethane (T)

1.31min (+0.000) 210.43ng m

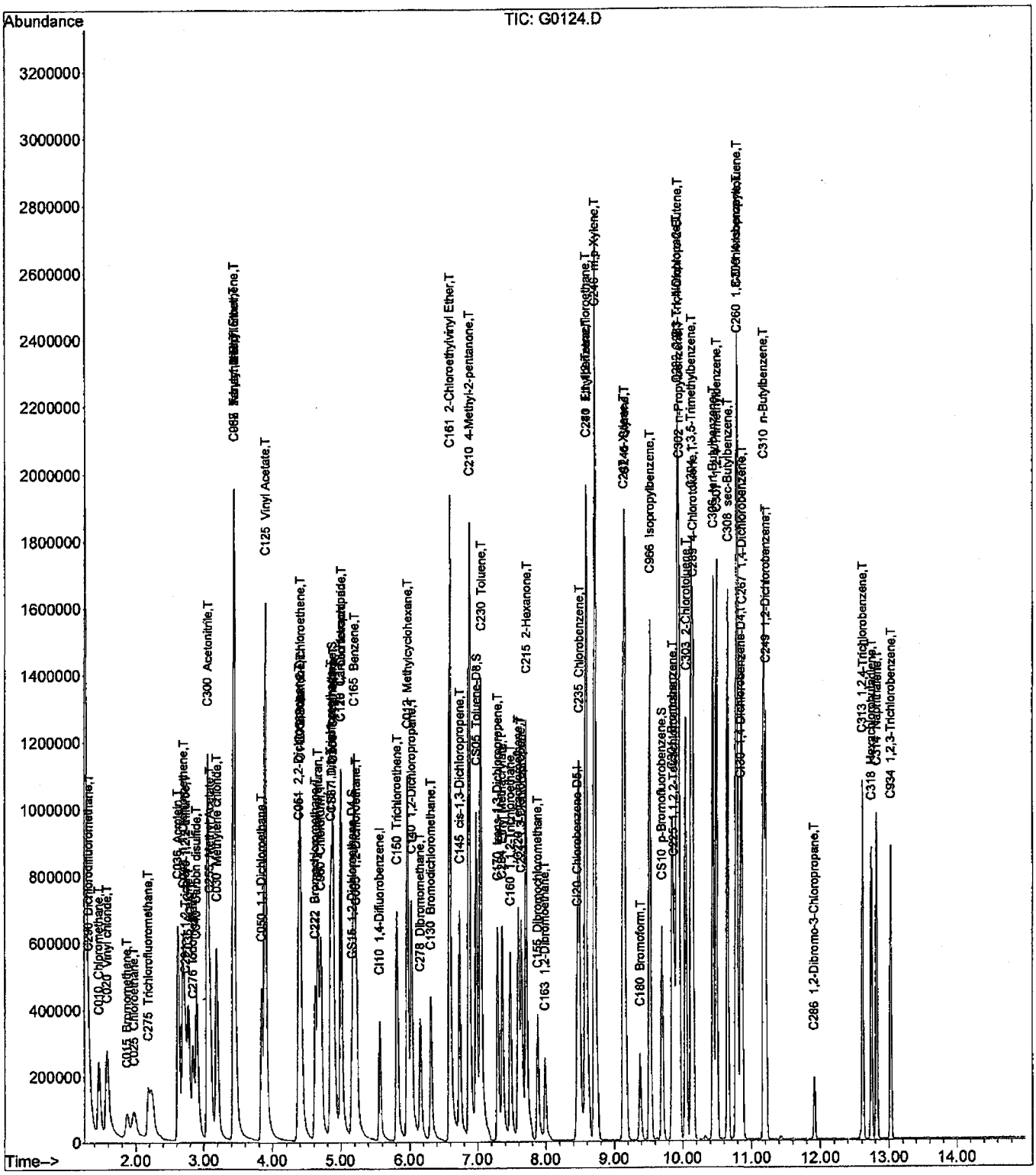
response 104139

Ion	Exp%	Act%
85.00	100	100
87.00	0.00	31.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0124.D Vial: 7
Acq On : 8 Oct 2008 19:18 Operator: ND
Sample : VSTD050 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 19:35:20 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0124.D Vial: 7
Acq On : 8 Oct 2008 19:18 Operator: ND
Sample : VSTD050 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:35:20 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	376867	125.00	ng	0.00 97.97%
43) CI20	Chlorobenzene-D5	8.46	82	160138	125.00	ng	0.00 105.52%
63) CI30	1,4-Dichlorobenzene-	10.84	152	156139	125.00	ng	0.00 106.28%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.86	111	202520	280.16	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	224.13%#	
31) CS15	1,2-Dichloroethane-D	5.17	65	217620	288.02	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	230.42%#	
44) CS05	Toluene-D8	6.98	98	811520	242.67	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	194.14%#	
62) CS10	p-Bromofluorobenzene	9.70	174	218092	254.90	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	203.92%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.32	85	197601	407.58	ng	# 100
3) C010	Chloromethane	1.46	50	381167	271.24	ng	100
4) C020	Vinyl chloride	1.58	62	380404	256.76	ng	85
5) C015	Bromomethane	1.87	94	91485	253.52	ng	89
6) C025	Chloroethane	1.97	64	152332	252.90	ng	88
7) C275	Trichlorofluorometha	2.18	101	386849	239.64	ng	100
8) C045	1,1-Dichloroethene	2.70	96	289562	275.20	ng	95
9) C030	Methylene chloride	3.19	84	333835	194.11	ng	97
10) C040	Carbon disulfide	2.90	76	897728	333.72	ng	99
11) C036	Acrolein	2.62	56	806363	4949.38	ng	96
12) C038	Acrylonitrile	3.43	53	618757	1333.97	ng	94
13) C035	Acetone	2.78	43	488762	1294.84	ng	100
14) C300	Acetonitrile	3.06	41	1712045	9986.95	ng	98
15) C276	Iodomethane	2.84	142	477256	264.82	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.74	101	255018	320.35	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	943624	295.04	ng	88
18) C057	trans-1,2-Dichloroet	3.44	96	330294	262.14	ng	95
19) C255	Methyl Acetate	3.09	43	506154	282.03	ng	99
20) C050	1,1-Dichloroethane	3.84	63	585316	293.16	ng	98
21) C125	Vinyl Acetate	3.90	43	2984678	1463.86	ng	99
22) C051	2,2-Dichloropropane	4.38	77	405963	376.96	ng	100
23) C056	cis-1,2-Dichloroethe	4.40	96	339127	262.21	ng	91
24) C272	Tetrahydrofuran	4.67	42	511340	1412.85	ng	97
25) C222	Bromochloromethane	4.63	128	167611	255.29	ng	95
27) C060	Chloroform	4.71	83	472565	284.16	ng	99
28) C115	1,1,1-Trichloroethan	4.85	97	416418	322.15	ng	96
29) C120	Carbon tetrachloride	5.00	117	356085	368.93	ng	94
30) C116	1,1-Dichloropropene	5.00	75	381623	312.45	ng	96
32) C165	Benzene	5.20	78	1214870	270.87	ng	100
33) C065	1,2-Dichloroethane	5.23	62	408415	299.13	ng	95
34) C110	2-Butanone	4.42	43	710601	1362.75	ng	99
35) C256	Cyclohexane	4.88	56	596064	337.92	ng	91
36) C150	Trichloroethene	5.82	95	285273	282.90	ng	94
37) C140	1,2-Dichloropropane	6.03	63	319606	287.88	ng	100
38) C278	Dibromomethane	6.16	93	160211	276.31	ng	94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0124.D Vial: 7
Acq On : 8 Oct 2008 19:18 Operator: ND
Sample : VSTD050 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:35:20 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 19:32:32 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

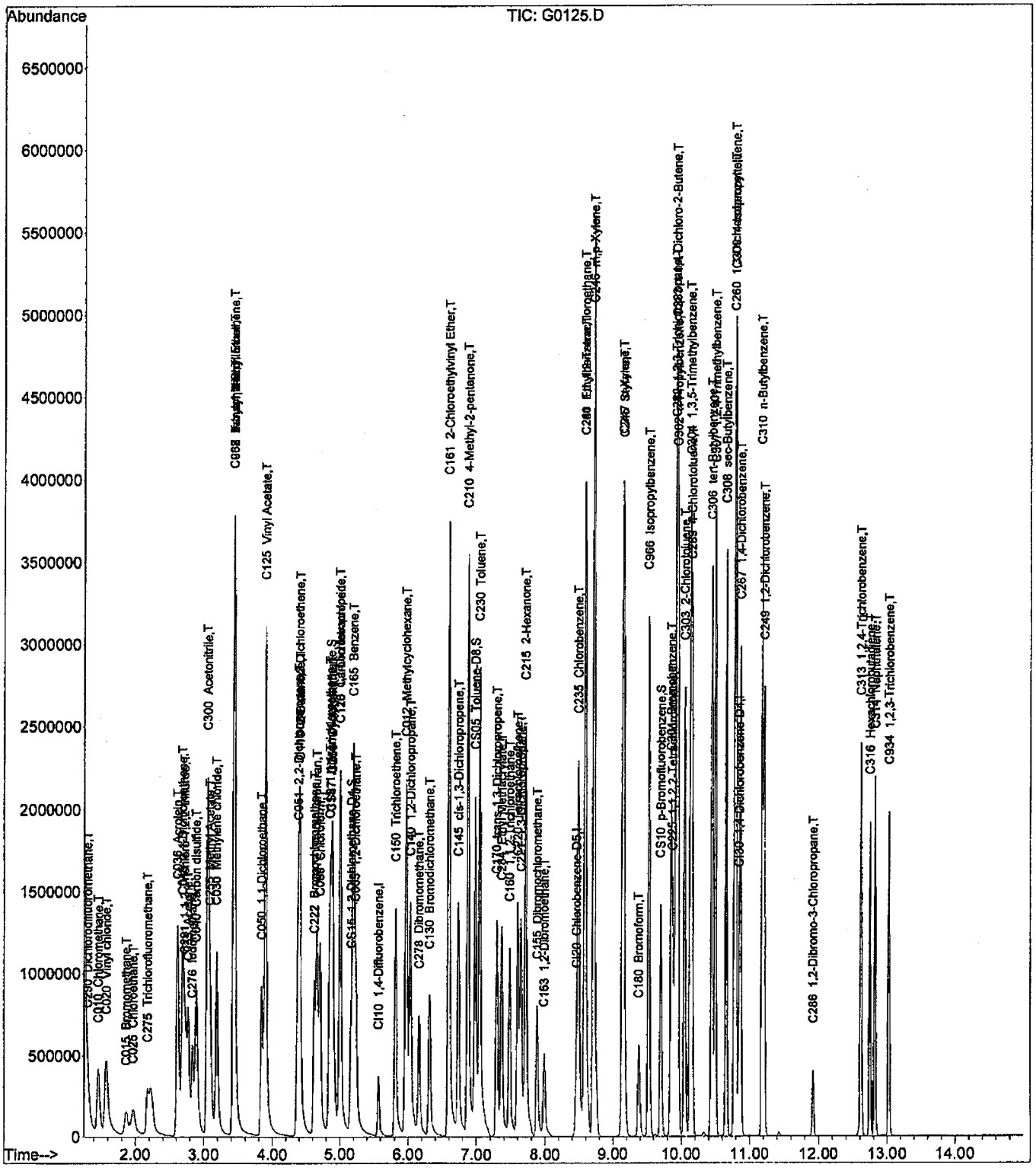
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	349288	347.06	ng		99
40) C161	2-Chloroethylvinyl E	6.59	63	1019814	1496.05	ng		100
41) C012	Methylcyclohexane	5.97	83	542520	331.48	ng		97
42) C145	cis-1,3-Dichloroprop	6.74	75	467760	331.74	ng		98
45) C230	Toluene	7.05	92	744173	237.37	ng		93
46) C170	trans-1,3-Dichloropr	7.29	75	419844	320.33	ng		93
47) C284	Ethyl Methacrylate	7.37	69	374483	286.16	ng	#	94
48) C160	1,1,2-Trichloroethan	7.48	83	193363	247.09	ng		96
49) C210	4-Methyl-2-pentanone	6.88	43	1602808	1248.76	ng		98
50) C220	Tetrachloroethene	7.60	166	295362	252.58	ng		98
51) C221	1,3-Dichloropropane	7.65	76	428681	255.04	ng		100
52) C155	Dibromochloromethane	7.88	129	270108	318.77	ng		98
53) C163	1,2-Dibromoethane	7.99	107	232064	247.79	ng		100
54) C215	2-Hexanone	7.71	43	1030775	1284.17	ng		96
55) C235	Chlorobenzene	8.49	112	782899	236.63	ng		98
56) C281	1,1,1,2-Tetrachloroe	8.58	131	271358	284.21	ng		97
57) C240	Ethylbenzene	8.59	91	1280574	255.00	ng		97
58) C246	m,p-Xylene	8.71	106	1037322	485.89	ng		97
59) C247	o-Xylene	9.13	106	510217	243.18	ng		96
60) C245	Styrene	9.16	104	833712	251.35	ng		92
61) C180	Bromoform	9.38	173	162676	407.58	ng		97
64) C966	Isopropylbenzene	9.52	105	1244053	273.13	ng		99
65) C301	Bromobenzene	9.85	156	314362	255.54	ng		99
66) C225	1,1,2,2-Tetrachloroe	9.88	83	283403	267.57	ng		99
67) C282	1,2,3-Trichloropropa	9.91	110	87777	251.47	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	237777	1621.82	ng	#	67
69) C302	n-Propylbenzene	9.95	91	1496103	273.86	ng		99
70) C303	2-Chlorotoluene	10.05	126	300104	244.24	ng		100
71) C289	4-Chlorotoluene	10.16	126	312261	242.00	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	1038278	275.80	ng		100
73) C306	tert-Butylbenzene	10.44	134	241932	269.07	ng		96
74) C307	1,2,4-Trimethylbenze	10.50	105	1031449	274.73	ng		98
75) C308	sec-Butylbenzene	10.66	105	1247105	279.37	ng		98
76) C260	1,3-Dichlorobenzene	10.78	146	600824	240.24	ng		98
77) C309	4-Isopropyltoluene	10.79	119	1128703	263.02	ng		98
78) C267	1,4-Dichlorobenzene	10.87	146	608474	239.28	ng		100
79) C249	1,2-Dichlorobenzene	11.21	146	566140	242.97	ng		99
80) C310	n-Butylbenzene	11.18	91	1000741	284.73	ng		99
81) C286	1,2-Dibromo-3-Chloro	11.91	75	43340	457.19	ng		97
82) C313	1,2,4-Trichlorobenze	12.61	180	337692	308.71	ng		100
83) C316	Hexachlorobutadiene	12.75	225	164440	394.34	ng		96
84) C314	Naphthalene	12.82	128	757742	276.10	ng		98
85) C934	1,2,3-Trichlorobenze	13.03	180	286700	308.18	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0125.D Vial: 8
Acq On : 8 Oct 2008 19:41 Operator: ND
Sample : VSTD100 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 20:02:22 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:02:15 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0125.D Vial: 8
Acq On : 8 Oct 2008 19:41 Operator: ND
Sample : VSTD100 Inst : HP5973G
Misc : Multip1r: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 20:02:22 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:02:15 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	380133	125.00	ng	0.00 98.82%
43) CI20	Chlorobenzene-D5	8.46	82	162708	125.00	ng	0.00 107.22%
63) CI30	1,4-Dichlorobenzene-	10.84	152	165858	125.00	ng	0.00 112.90%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.86	111	433215	526.85	NG	0.00
Spiked Amount	125.000	Range	70 - 130		Recovery =		421.48%#
31) CS15	1,2-Dichloroethane-D	5.17	65	463990	517.21	ng	0.00
Spiked Amount	125.000	Range	66 - 137		Recovery =		413.77%#
44) CS05	Toluene-D8	6.98	98	1714132	493.26	ng	0.00
Spiked Amount	125.000	Range	71 - 126		Recovery =		394.61%#
62) CS10	p-Bromofluorobenzene	9.71	174	486969	535.89	ng	0.00
Spiked Amount	125.000	Range	73 - 120		Recovery =		428.71%#
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.31	85	382821	500.23	ng	# 100
3) C010	Chloromethane	1.46	50	733589	459.50	ng	99
4) C020	Vinyl chloride	1.58	62	714877	456.56	ng	86
5) C015	Bromomethane	1.87	94	179682	435.58	ng	88
6) C025	Chloroethane	1.97	64	305353	481.06	ng	88
7) C275	Trichlorofluorometha	2.18	101	746641	473.21	ng	99
8) C045	1,1-Dichloroethene	2.69	96	571467	483.58	ng	96
9) C030	Methylene chloride	3.18	84	655923	407.75	ng	98
10) C040	Carbon disulfide	2.89	76	1727872	486.99	ng	100
11) C036	Acrolein	2.62	56	1582841	9006.35	ng	97
12) C038	Acrylonitrile	3.43	53	1175446	2325.76	ng	93
13) C035	Acetone	2.78	43	928390	2328.86	ng	100
14) C300	Acetonitrile	3.06	41	3218382	18450.01	ng	98
15) C276	Iodomethane	2.84	142	927456	484.96	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.73	101	504657	508.53	ng	97
17) C962	T-butyl Methyl Ether	3.43	73	1839572	493.34	ng	88
18) C057	trans-1,2-Dichloroet	3.44	96	661757	494.40	ng	97
19) C255	Methyl Acetate	3.09	43	974847	477.84	ng	99
20) C050	1,1-Dichloroethane	3.84	63	1167856	504.68	ng	98
21) C125	Vinyl Acetate	3.90	43	5712420	2385.82	ng	98
22) C051	2,2-Dichloropropane	4.38	77	792447	501.47	ng	98
23) C056	cis-1,2-Dichloroethe	4.40	96	677362	494.26	ng	91
24) C272	Tetrahydrofuran	4.66	42	976841	2466.48	ng	98
25) C222	Bromochloromethane	4.63	128	334500	506.21	ng	98
27) C060	Chloroform	4.71	83	950182	494.16	ng	100
28) C115	1,1,1-Trichloroethan	4.85	97	827443	507.76	ng	95
29) C120	Carbon tetrachloride	5.00	117	709868	527.99	ng	96
30) C116	1,1-Dichloropropene	5.01	75	764215	522.48	ng	96
32) C165	Benzene	5.20	78	2433103	503.49	ng	98
33) C065	1,2-Dichloroethane	5.23	62	814219	523.54	ng	94
34) C110	2-Butanone	4.42	43	1347604	2396.60	ng	98
35) C256	Cyclohexane	4.88	56	1159165	508.01	ng	92
36) C150	Trichloroethene	5.82	95	567530	500.03	ng	95
37) C140	1,2-Dichloropropane	6.03	63	644848	515.42	ng	98
38) C278	Dibromomethane	6.16	93	321366	499.19	ng	96

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0125.D Vial: 8
Acq On : 8 Oct 2008 19:41 Operator: ND
Sample : VSTD100 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 20:02:22 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:02:15 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

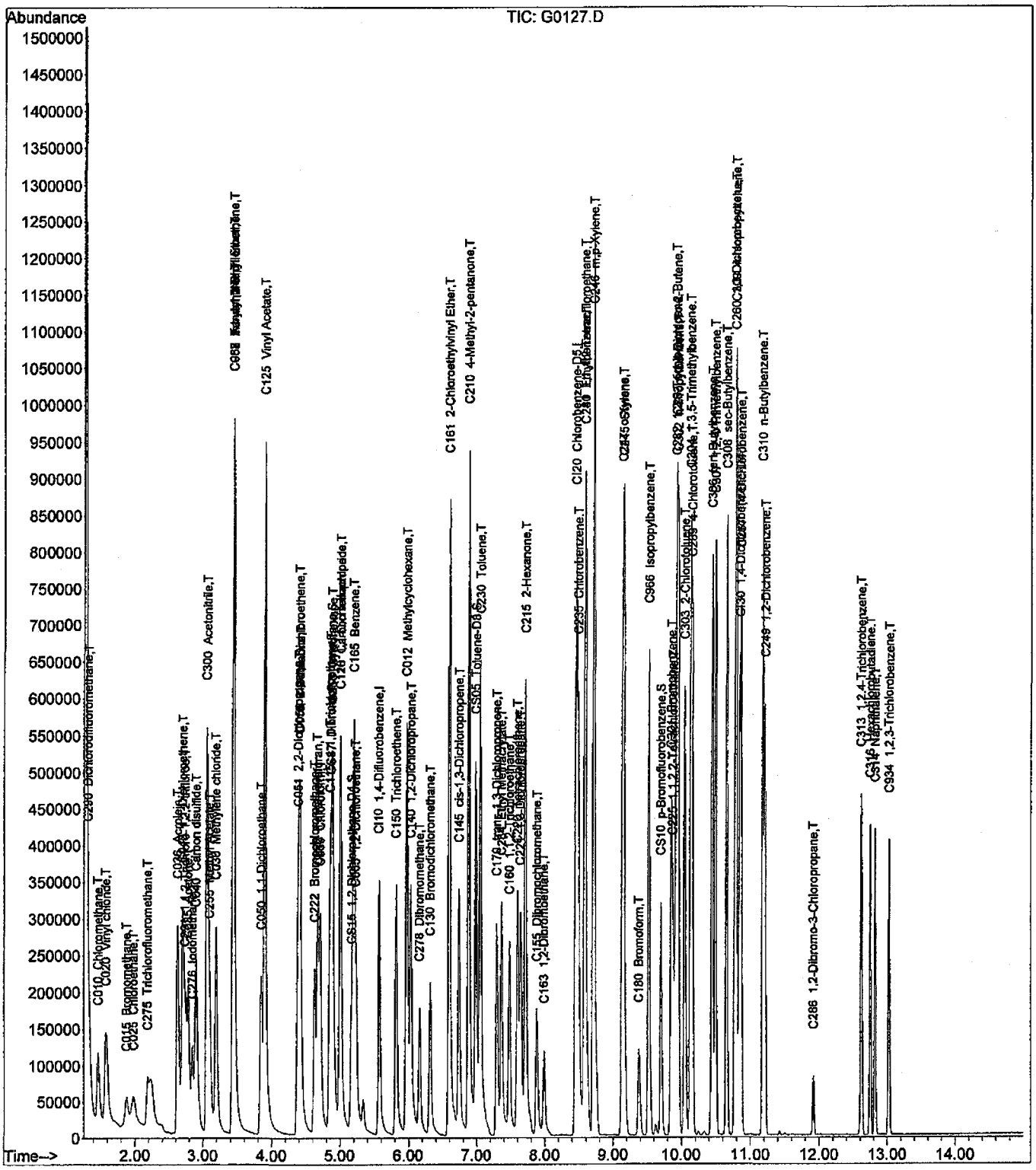
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	702113	510.17	ng		98
40) C161	2-Chloroethylvinyl E	6.59	63	2012377	2590.05	ng		99
41) C012	Methylcyclohexane	5.97	83	1063766	509.45	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	946617	526.48	ng		98
45) C230	Toluene	7.05	92	1510388	485.73	ng		95
46) C170	trans-1,3-Dichloropr	7.29	75	849419	504.18	ng		92
47) C284	Ethyl Methacrylate	7.37	69	739896	478.08	ng	#	94
48) C160	1,1,2-Trichloroethan	7.48	83	385883	466.41	ng		99
49) C210	4-Methyl-2-pentanone	6.88	43	3042393	2237.01	ng		97
50) C220	Tetrachloroethene	7.60	166	594839	499.26	ng		97
51) C221	1,3-Dichloropropane	7.65	76	864055	497.88	ng		98
52) C155	Dibromochloromethane	7.88	129	552705	508.31	ng		98
53) C163	1,2-Dibromoethane	7.99	107	470100	478.86	ng		98
54) C215	2-Hexanone	7.71	43	1983459	2290.58	ng		96
55) C235	Chlorobenzene	8.49	112	1597257	492.90	ng		98
56) C281	1,1,1,2-Tetrachloroe	8.58	131	556281	498.62	ng		97
57) C240	Ethylbenzene	8.59	91	2598557	494.86	ng		97
58) C246	m,p-Xylene	8.71	106	2127702	1001.84	ng		95
59) C247	o-Xylene	9.14	106	1058058	498.03	ng		94
60) C245	Styrene	9.16	104	1749113	511.55	ng		93
61) C180	Bromoform	9.38	173	341570	544.43	ng		97
64) C966	Isopropylbenzene	9.52	105	2562453	489.20	ng		100
65) C301	Bromobenzene	9.85	156	660737	489.94	ng		100
66) C225	1,1,2,2-Tetrachloroe	9.88	83	585170	473.13	ng		99
67) C282	1,2,3-Trichloropropa	9.91	110	179711	480.67	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	486168	2530.10	ng	#	70
69) C302	n-Propylbenzene	9.95	91	3101940	490.02	ng		98
70) C303	2-Chlorotoluene	10.05	126	626106	485.40	ng		100
71) C289	4-Chlorotoluene	10.16	126	656602	494.74	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	2182544	503.68	ng		99
73) C306	tert-Butylbenzene	10.44	134	505171	503.66	ng		98
74) C307	1,2,4-Trimethylbenze	10.50	105	2192256	504.31	ng		98
75) C308	sec-Butylbenzene	10.66	105	2634528	514.00	ng		98
76) C260	1,3-Dichlorobenzene	10.78	146	1272088	490.30	ng		98
77) C309	4-Isopropyltoluene	10.80	119	2401170	510.39	ng		97
78) C267	1,4-Dichlorobenzene	10.87	146	1285749	491.40	ng		100
79) C249	1,2-Dichlorobenzene	11.21	146	1213485	504.95	ng		99
80) C310	n-Butylbenzene	11.18	91	2134105	520.55	ng		99
81) C286	1,2-Dibromo-3-Chloro	11.91	75	93127	547.26	ng		96
82) C313	1,2,4-Trichlorobenze	12.61	180	742955	568.32	ng		99
83) C316	Hexachlorobutadiene	12.75	225	349282	549.41	ng		97
84) C314	Naphthalene	12.82	128	1642893	548.43	ng		99
85) C934	1,2,3-Trichlorobenze	13.03	180	623121	553.90	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0127.D Vial: 10
Acq On : 8 Oct 2008 20:30 Operator: ND
Sample : SSCAL Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 20:51:32 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0127.D Vial: 10
Acq On : 8 Oct 2008 20:30 Operator: ND
Sample : SSCAL Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 20:51:32 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	369499	125.00	ng	0.00 96.05%
43) CI20	Chlorobenzene-D5	8.46	82	149108	125.00	ng	0.00 98.25%
63) CI30	1,4-Dichlorobenzene-	10.84	152	147030	125.00	ng	0.00 100.08%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.86	111	105018	130.76	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	104.61%	
31) CS15	1,2-Dichloroethane-D	5.17	65	112979	126.57	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	101.26%	
44) CS05	Toluene-D8	6.98	98	416964	132.90	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	106.32%	
62) CS10	p-Bromofluorobenzene	9.70	174	109770	132.32	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	105.86%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.32	85	76933	99.60	ng	# 100
3) C010	Chloromethane	1.46	50	157243	101.63	ng	96
4) C020	Vinyl chloride	1.57	62	168450	112.86	ng	85
5) C015	Bromomethane	1.87	94	50376	140.35	ng	86
6) C025	Chloroethane	1.98	64	80618	132.86	ng	91
7) C275	Trichlorofluorometha	2.18	101	173476	116.57	ng	100
8) C045	1,1-Dichloroethene	2.70	96	139530	122.56	ng	97
9) C030	Methylene chloride	3.19	84	160808	122.02	ng	98
10) C040	Carbon disulfide	2.90	76	492096	142.21	ng	98
11) C036	Acrolein	2.62	56	353316	2100.73	ng	96
12) C038	Acrylonitrile	3.44	53	309698	639.75	ng	92
13) C035	Acetone	2.78	43	241150	621.05	ng	100
14) C300	Acetonitrile	3.06	41	850745	5072.86	ng	99
15) C276	Iodomethane	2.84	142	193628	105.24	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.74	101	134912	139.24	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	489568	135.04	ng	87
18) C057	trans-1,2-Dichloroet	3.44	96	158281	124.07	ng	94
19) C255	Methyl Acetate	3.10	43	166021	83.06	ng	99
20) C050	1,1-Dichloroethane	3.85	63	281100	124.09	ng	99
21) C125	Vinyl Acetate	3.90	43	1764027	764.82	ng	99
22) C051	2,2-Dichloropropane	4.38	77	199616	125.74	ng	99
23) C056	cis-1,2-Dichloroethe	4.40	96	163282	124.21	ng	95
24) C272	Tetrahydrofuran	4.67	42	253689	656.09	ng	99
25) C222	Bromochloromethane	4.63	128	79136	124.77	ng	95
27) C060	Chloroform	4.71	83	230458	122.22	ng	99
28) C115	1,1,1-Trichloroethan	4.85	97	202931	126.71	ng	98
29) C120	Carbon tetrachloride	5.00	117	172276	129.07	ng	97
30) C116	1,1-Dichloropropene	5.01	75	187211	130.42	ng	95
32) C165	Benzene	5.20	78	589850	125.64	ng	98
33) C065	1,2-Dichloroethane	5.23	62	190601	123.83	ng	95
34) C110	2-Butanone	4.42	43	358485	657.15	ng	100
35) C256	Cyclohexane	4.89	56	318197	142.66	ng	91
36) C150	Trichloroethene	5.82	95	141311	127.86	ng	96
37) C140	1,2-Dichloropropane	6.03	63	152853	124.82	ng	99
38) C278	Dibromomethane	6.16	93	77198	122.49	ng	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0127.D Vial: 10
Acq On : 8 Oct 2008 20:30 Operator: ND
Sample : SSCAL Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 20:51:32 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	168746	123.94	ng		96
40) C161	2-Chloroethylvinyl E	6.59	63	468180	621.31	ng		99
41) C012	Methylcyclohexane	5.97	83	284221	139.61	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	226032	127.14	ng		100
45) C230	Toluene	7.05	92	352597	125.87	ng		91
46) C170	trans-1,3-Dichloropr	7.29	75	194717	125.09	ng		93
47) C284	Ethyl Methacrylate	7.37	69	184530	130.29	ng	#	93
48) C160	1,1,2-Trichloroethan	7.48	83	92301	123.58	ng		99
49) C210	4-Methyl-2-pentanone	6.88	43	821298	669.15	ng		99
50) C220	Tetrachloroethene	7.60	166	142305	132.62	ng		97
51) C221	1,3-Dichloropropane	7.65	76	198711	125.46	ng		98
52) C155	Dibromochloromethane	7.88	129	124685	125.36	ng		95
53) C163	1,2-Dibromoethane	7.99	107	107987	121.76	ng		99
54) C215	2-Hexanone	7.71	43	517132	658.91	ng		97
55) C235	Chlorobenzene	8.49	112	364583	125.05	ng		97
56) C281	1,1,1,2-Tetrachloroe	8.58	131	128945	126.98	ng		94
57) C240	Ethylbenzene	8.59	91	599465	126.56	ng		96
58) C246	m,p-Xylene	8.71	106	485140	255.87	ng		96
59) C247	o-Xylene	9.13	106	240551	126.60	ng		97
60) C245	Styrene	9.16	104	387143	126.62	ng		96
61) C180	Bromoform	9.38	173	74574	126.25	ng		96
64) C966	Isopropylbenzene	9.52	105	539368	116.46	ng		100
65) C301	Bromobenzene	9.85	156	147428	124.17	ng		99
66) C225	1,1,2,2-Tetrachloroe	9.88	83	136062	124.30	ng		99
67) C282	1,2,3-Trichloropropa	9.91	110	36624	110.93	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	102483	600.63	ng	#	62
69) C302	n-Propylbenzene	9.95	91	698371	124.94	ng		99
70) C303	2-Chlorotoluene	10.05	126	143901	127.23	ng		100
71) C289	4-Chlorotoluene	10.15	126	146183	126.16	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	487050	126.83	ng		100
73) C306	tert-Butylbenzene	10.44	134	113478	129.16	ng		96
74) C307	1,2,4-Trimethylbenze	10.49	105	488414	126.89	ng		99
75) C308	sec-Butylbenzene	10.66	105	626928	138.60	ng		98
76) C260	1,3-Dichlorobenzene	10.78	146	280316	125.07	ng		98
77) C309	4-Isopropyltoluene	10.80	119	508582	124.68	ng		97
78) C267	1,4-Dichlorobenzene	10.87	146	287450	126.05	ng		99
79) C249	1,2-Dichlorobenzene	11.21	146	262781	125.61	ng		100
80) C310	n-Butylbenzene	11.18	91	466237	129.64	ng		98
81) C286	1,2-Dibromo-3-Chloro	11.91	75	18428	117.08	ng		92
82) C313	1,2,4-Trichlorobenze	12.61	180	150268	128.79	ng		98
83) C316	Hexachlorobutadiene	12.75	225	75898	128.81	ng		96
84) C314	Naphthalene	12.82	128	332665	127.11	ng		98
85) C934	1,2,3-Trichlorobenze	13.03	180	127667	127.01	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000734-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973J Calibration Dates(s): 10/03/2008 10/03/2008

Heated Purge (Y/N): N Calibration Times: 14:32 16:30

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = J1768.RR RRF10 = J1770.RR
RRF25 = J1771.RR RRF50 = J1772.RR RRF100 = J1773.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.266	0.253	0.256	0.248	0.247	0.2540	3.100
Bromomethane	0.163	0.146	0.148	0.140	0.145	0.1480	6.100
Vinyl chloride	0.291	0.292	0.290	0.276	0.279	0.2850	2.600
Chloroethane	0.135	0.135	0.137	0.129	0.130	0.1330	2.800
Methylene chloride	0.542	0.294	0.285	0.265	0.262	0.3290	36.300
Acetone	0.087	0.069	0.069	0.066	0.064	0.0710	13.400
Carbon Disulfide	0.883	0.776	0.761	0.704	0.721	0.7690	9.100
1,1-Dichloroethene	0.254	0.232	0.232	0.219	0.219	0.2310	6.200
1,1-Dichloroethane	0.552	0.489	0.490	0.462	0.453	0.4890	8.000
cis-1,2-Dichloroethene	0.388	0.386	0.387	0.366	0.355	0.3760	4.000
trans-1,2-Dichloroethene	0.305	0.278	0.274	0.263	0.258	0.2760	6.600
Chloroform	0.660	0.626	0.631	0.608	0.601	0.6250	3.700
1,2-Dichloroethane	0.529	0.499	0.502	0.477	0.471	0.4960	4.600
2-Butanone	0.162	0.136	0.135	0.131	0.126	0.1380	10.200
1,1,1-Trichloroethane	0.577	0.567	0.575	0.559	0.557	0.5670	1.600
Carbon Tetrachloride	0.414	0.423	0.448	0.443	0.459	0.4370	4.200
Bromodichloromethane	0.660	0.626	0.631	0.608	0.601	0.6250	3.700
1,2-Dichloropropane	0.366	0.349	0.355	0.344	0.341	0.3510	2.800
cis-1,3-Dichloropropene	0.502	0.530	0.570	0.564	0.568	0.5470	5.500
Trichloroethene	0.382	0.364	0.367	0.359	0.352	0.3650	3.100
Dibromochloromethane	0.251	0.305	0.343	0.362	0.380	0.3280	15.600
1,1,2-Trichloroethane	0.292	0.284	0.284	0.280	0.277	0.2840	1.900
Benzene	1.871	1.511	1.499	1.421	1.376	1.5360	12.800
trans-1,3-Dichloropropene	0.458	0.529	0.575	0.578	0.579	0.5440	9.600
Bromoform	0.252	0.304	0.363	0.402	0.444	0.3530	21.600
4-Methyl-2-pentanone	0.314	0.313	0.315	0.305	0.293	0.3080	3.000
2-Hexanone	0.221	0.224	0.227	0.220	0.211	0.2210	2.700
Tetrachloroethene	0.437	0.419	0.414	0.400	0.390	0.4120	4.400
1,1,2,2-Tetrachloroethane	0.829	0.854	0.859	0.837	0.818	0.8390	2.000
Toluene	1.212	1.052	1.039	1.006	0.979	1.0580	8.600
Chlorobenzene	1.252	1.131	1.122	1.084	1.069	1.1320	6.400
Ethylbenzene	2.241	2.025	2.009	1.907	1.838	2.0040	7.600
Styrene	1.204	1.306	1.333	1.292	1.253	1.2770	3.900
Total Xylenes	0.883	0.818	0.808	0.772	0.749	0.8060	6.300
1,1,2-Trichloro-1,2,2-trifl	0.279	0.269	0.260	0.241	0.246	0.2590	6.200
1,2,4-Trichlorobenzene	0.965	1.030	1.091	1.080	1.088	1.0510	5.100
1,2-Dibromo-3-chloropropane	0.116	0.122	0.135	0.148	0.157	0.1360	12.600

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000734-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973J Calibration Dates(s): 10/03/2008 10/03/2008

Heated Purge (Y/N): N Calibration Times: 14:32 16:30

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = J1768.RR RRF10 = J1770.RR
RRF25 = J1771.RR RRF50 = J1772.RR RRF100 = J1773.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.358	0.353	0.364	0.362	0.360	0.3590	1.200
1,2-Dichlorobenzene	1.801	1.700	1.688	1.609	1.578	1.6750	5.200
1,3-Dichlorobenzene	1.868	1.775	1.765	1.692	1.629	1.7460	5.200
1,4-Dichlorobenzene	2.049	1.816	1.801	1.735	1.681	1.8160	7.700
Cyclohexane	0.639	0.602	0.603	0.557	0.561	0.5920	5.700
Dichlorodifluoromethane	0.232	0.268	0.260	0.244	0.242	0.2490	5.800
Methyl acetate	0.385	0.307	0.284	0.276	0.270	0.3040	15.600
Trichlorofluoromethane	0.433	0.465	0.461	0.437	0.434	0.4460	3.500
Methyl-t-Butyl Ether (MTBE)	0.940	0.877	0.887	0.837	0.835	0.8750	4.900
Isopropylbenzene	3.854	3.924	3.835	3.683	3.607	3.7810	3.500
Methylcyclohexane	0.671	0.708	0.691	0.642	0.651	0.6720	4.000
Toluene-D8	1.228	0.960	1.280	1.156	1.169	1.1590	10.500
p-Bromofluorobenzene	0.401	0.311	0.416	0.384	0.394	0.3810	10.700
1,2-Dichloroethane-D4	0.341	0.286	0.379	0.344	0.355	0.3410	10.000

Comments:

Response Factor Report HP5973J

* No For Acrolein *

8260 8I-0774

Method Path : C:\MSDCHEM\1\METHODS\8260\
Method File : A8I0000734.M
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response Via : Initial Calibration

Calibration Files
1 =J1768.D 2 =J1770.D 3 =J1771.D
4 =J1772.D 5 =J1773.D

		Compound		1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	----------ISTD----------						
2)	T	C290	Dichlorodifluor	0.232	0.268	0.260	0.244	0.242	0.249	5.81
3)	T	C010	Chloromethane	0.266	0.253	0.256	0.248	0.246	0.254	3.07
4)	T	C020	Vinyl chloride	0.291	0.292	0.290	0.275	0.279	0.285	2.63
5)	T	C015	Bromomethane	0.163	0.146	0.148	0.139	0.145	0.148	6.10
6)	T	C025	Chloroethane	0.135	0.135	0.137	0.129	0.130	0.133	2.77
7)	T	C275	Trichlorofluoro	0.433	0.465	0.461	0.437	0.434	0.446	3.48
8)	T	C045	1,1-Dichloroeth	0.254	0.232	0.232	0.219	0.219	0.231	6.22
9)	T	C030	Methylene chlor	0.542	0.294	0.285	0.265	0.262	-----	
								L M=	0.258	R=1.000
								B=	0.018	
10)	T	C040	Carbon disulfid	0.882	0.776	0.761	0.704	0.721	0.769	9.07
11)	T	C036	Acrolein	0.024	0.021	0.021	0.013	0.014	0.019	26.02
12)	T	C038	Acrylonitrile	0.092	0.083	0.082	0.079	0.076	0.082	7.33
13)	T	C035	Acetone	0.087	0.069	0.068	0.066	0.064	0.071	13.36
14)	T	C300	Acetonitrile	0.031	0.026	0.025	0.023	0.023	0.026	11.45
15)	T	C276	Iodomethane	0.410	0.376	0.370	0.348	0.352	0.371	6.66
16)	T	C291	1,1,2 Trichloro	0.279	0.269	0.260	0.241	0.246	0.259	6.18
17)	T	C962	T-butyl Methyl	0.940	0.877	0.887	0.837	0.835	0.875	4.93
18)	T	C057	trans-1,2-Dichl	0.305	0.278	0.274	0.263	0.258	0.276	6.58
19)	T	C255	Methyl Acetate	0.385	0.306	0.284	0.276	0.270	-----	
								L M=	0.267	R=1.000
								B=	0.014	
20)	T	C050	1,1-Dichloroeth	0.552	0.489	0.490	0.462	0.453	0.489	7.95
21)	T	C125	Vinyl Acetate	0.424	0.402	0.403	0.385	0.368	0.396	5.34
22)	T	C051	2,2-Dichloropro	0.515	0.495	0.516	0.498	0.505	0.506	1.86
23)	T	C056	cis-1,2-Dichlor	0.388	0.386	0.387	0.366	0.355	0.376	4.00
24)	T	C272	Tetrahydrofuran	0.092	0.087	0.089	0.087	0.083	0.088	3.67
25)	T	C222	Bromochlorometh	0.190	0.176	0.178	0.175	0.170	0.178	4.06
26)	T	C060	Chloroform	0.660	0.626	0.631	0.608	0.601	0.625	3.68
27)	T	C115	1,1,1-Trichloro	0.577	0.567	0.575	0.558	0.557	0.567	1.62
28)	T	C120	Carbon tetrachl	0.414	0.423	0.448	0.443	0.459	0.437	4.18
29)	T	C116	1,1-Dichloropro	0.523	0.500	0.491	0.471	0.460	0.489	5.03
30)	S	CS87	Dibromofluorome	0.246	0.208	0.281	0.252	0.262	0.250	10.71
31)	S	CS15	1,2-Dichloroeth	0.341	0.286	0.379	0.344	0.355	0.341	9.99
32)	T	C165	Benzene	1.871	1.511	1.499	1.421	1.376	1.536	12.75
33)	T	C065	1,2-Dichloroeth	0.529	0.499	0.502	0.477	0.471	0.496	4.62
34)	T	C110	2-Butanone	0.162	0.136	0.135	0.131	0.126	0.138	10.18
35)	T	C256	Cyclohexane	0.638	0.602	0.603	0.557	0.561	0.592	5.70
36)	T	C150	Trichloroethene	0.382	0.364	0.367	0.359	0.352	0.365	3.07
37)	T	C140	1,2-Dichloropro	0.366	0.349	0.355	0.344	0.341	0.351	2.81
38)	T	C278	Dibromomethane	0.217	0.201	0.211	0.203	0.202	0.207	3.26
39)	T	C130	Bromodichlorome	0.660	0.626	0.631	0.608	0.601	0.625	3.68
40)	T	C161	2-Chloroethylvi	0.225	0.230	0.233	0.221	0.208	0.223	4.37
41)	T	C012	Methylcycolhexa	0.671	0.708	0.691	0.642	0.651	0.672	4.04
42)	T	C145	cis-1,3-Dichlor	0.502	0.530	0.570	0.564	0.568	0.547	5.47
43)	I	CI20	Chlorobenzene-D	----------ISTD----------						
44)	S	CS05	Toluene-D8	1.228	0.960	1.280	1.156	1.169	1.159	10.47
45)	T	C230	Toluene	1.212	1.052	1.039	1.006	0.979	1.058	8.59
46)	T	C170	trans-1,3-Dichl	0.458	0.529	0.575	0.578	0.579	0.544	9.65
47)	T	C284	Ethyl Methacryl	0.438	0.492	0.523	0.523	0.513	0.498	7.13
48)	T	C160	1,1,2-Trichloro	0.292	0.284	0.284	0.280	0.277	0.284	1.94
49)	T	C210	4-Methyl-2-pent	0.314	0.313	0.315	0.305	0.293	0.308	2.99
50)	T	C220	Tetrachloroethe	0.437	0.419	0.414	0.400	0.390	0.412	4.37
51)	T	C221	1,3-Dichloropro	0.661	0.614	0.623	0.604	0.584	0.617	4.58

Response Factor Report HP5973J

Method Path : C:\MSDCHEM\1\METHODS\8260\
Method File : A8I0000734.M
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response Via : Initial Calibration

52)	T	C155	Dibromochlorome	0.251	0.305	0.343	0.362	0.380	-----		
								L	M= 0.384	R=0.999	
									B= -0.030		
53)	T	C163	1,2-Dibromoetha	0.358	0.353	0.364	0.362	0.360	0.359	1.22	
54)	T	C215	2-Hexanone	0.221	0.224	0.227	0.220	0.211	0.221	2.69	
55)	T	C235	Chlorobenzene	1.252	1.131	1.122	1.084	1.069	1.132	6.36	
56)	T	C281	1,1,1,2-Tetrach	0.329	0.343	0.365	0.359	0.365	0.352	4.50	
57)	T	C240	Ethylbenzene	2.241	2.024	2.009	1.907	1.838	2.004	7.64	
58)	T	C246	m,p-Xylene	0.941	0.839	0.817	0.775	0.734	0.821	9.55	
59)	T	C247	o-Xylene	0.883	0.818	0.808	0.772	0.749	0.806	6.34	
60)	T	C245	Styrene	1.204	1.306	1.333	1.292	1.253	1.277	3.94	
61)	S	CS10	p-Bromofluorobe	0.401	0.311	0.416	0.384	0.394	0.381	10.67	
62)	I	CI30	1,4-Dichloroben	----------ISTD----------							
63)	T	C180	Bromoform	0.252	0.304	0.363	0.402	0.444	-----		
								L	M= 0.452	R=0.997	
									B= -0.063		
64)	T	C966	Isopropylbenzen	3.854	3.924	3.835	3.683	3.607	3.781	3.47	
65)	T	C301	Bromobenzene	0.941	0.909	0.897	0.860	0.837	0.889	4.61	
66)	T	C225	1,1,2,2-Tetrach	0.829	0.854	0.858	0.837	0.818	0.839	2.01	
67)	T	C282	1,2,3-Trichloro	0.348	0.299	0.286	0.273	0.258	0.293	11.67	
68)	T	C283	t-1,4-Dichloro-	0.146	0.184	0.203	0.206	0.204	0.189	13.44	
69)	T	C302	n-Propylbenzene	4.713	4.796	4.680	4.378	4.146	4.543	5.99	
70)	T	C303	2-Chlorotoluene	0.923	0.927	0.910	0.873	0.865	0.900	3.20	
71)	T	C289	4-Chlorotoluene	0.951	0.974	0.956	0.920	0.910	0.943	2.80	
72)	T	C304	1,3,5-Trimethyl	3.530	3.518	3.433	3.285	3.206	3.394	4.24	
73)	T	C306	tert-Butylbenze	0.655	0.690	0.682	0.655	0.644	0.665	2.95	
74)	T	C307	1,2,4-Trimethyl	3.695	3.548	3.494	3.337	3.258	3.467	4.99	
75)	T	C308	sec-Butylbenzen	3.915	4.149	4.049	3.916	3.803	3.966	3.38	
76)	T	C260	1,3-Dichloroben	1.868	1.775	1.765	1.692	1.629	1.746	5.17	
77)	T	C309	4-Isopropyltolu	3.471	3.705	3.628	3.479	3.346	3.526	4.01	
78)	T	C267	1,4-Dichloroben	2.049	1.816	1.801	1.735	1.681	1.816	7.75	
79)	T	C249	1,2-Dichloroben	1.801	1.700	1.688	1.609	1.578	1.675	5.22	
80)	T	C310	n-Butylbenzene	3.094	3.301	3.299	3.220	3.116	3.206	3.06	
81)	T	C286	1,2-Dibromo-3-C	0.116	0.122	0.135	0.148	0.157	0.136	12.60	
82)	T	C313	1,2,4-Trichloro	0.965	1.030	1.090	1.080	1.088	1.051	5.11	
83)	T	C316	Hexachlorobutad	0.607	0.587	0.592	0.574	0.566	0.585	2.72	
84)	T	C314	Naphthalene	1.984	2.339	2.552	2.558	2.606	2.408	10.72	
85)	T	C934	1,2,3-Trichloro	0.815	0.852	0.918	0.894	0.907	0.877	4.90	

Total Average %RSD 6.03

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000734.M Fri Oct 03 17:01:43 2008

Date: 10/03/2008 ICC Profile Page: 1
Time: 21:53:53 Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/17/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSO/ 20% O) (continued)

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
201 110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202 142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203 534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204 75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210 96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220 106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230 74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240 95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250 541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260 106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270 75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280 75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290 107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300 75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307 109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310 156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320 156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330 78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340 142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350 594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360 563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370 10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380 10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390 100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410 87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418 591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420 98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430 99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440 75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458 108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460 91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470 103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480 100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490 630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500 79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510 127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520 108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530 87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540 120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550 71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560 79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570 79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580 75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590 96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600 95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610 108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620 75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630 1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646 SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648 2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650 460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660 SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

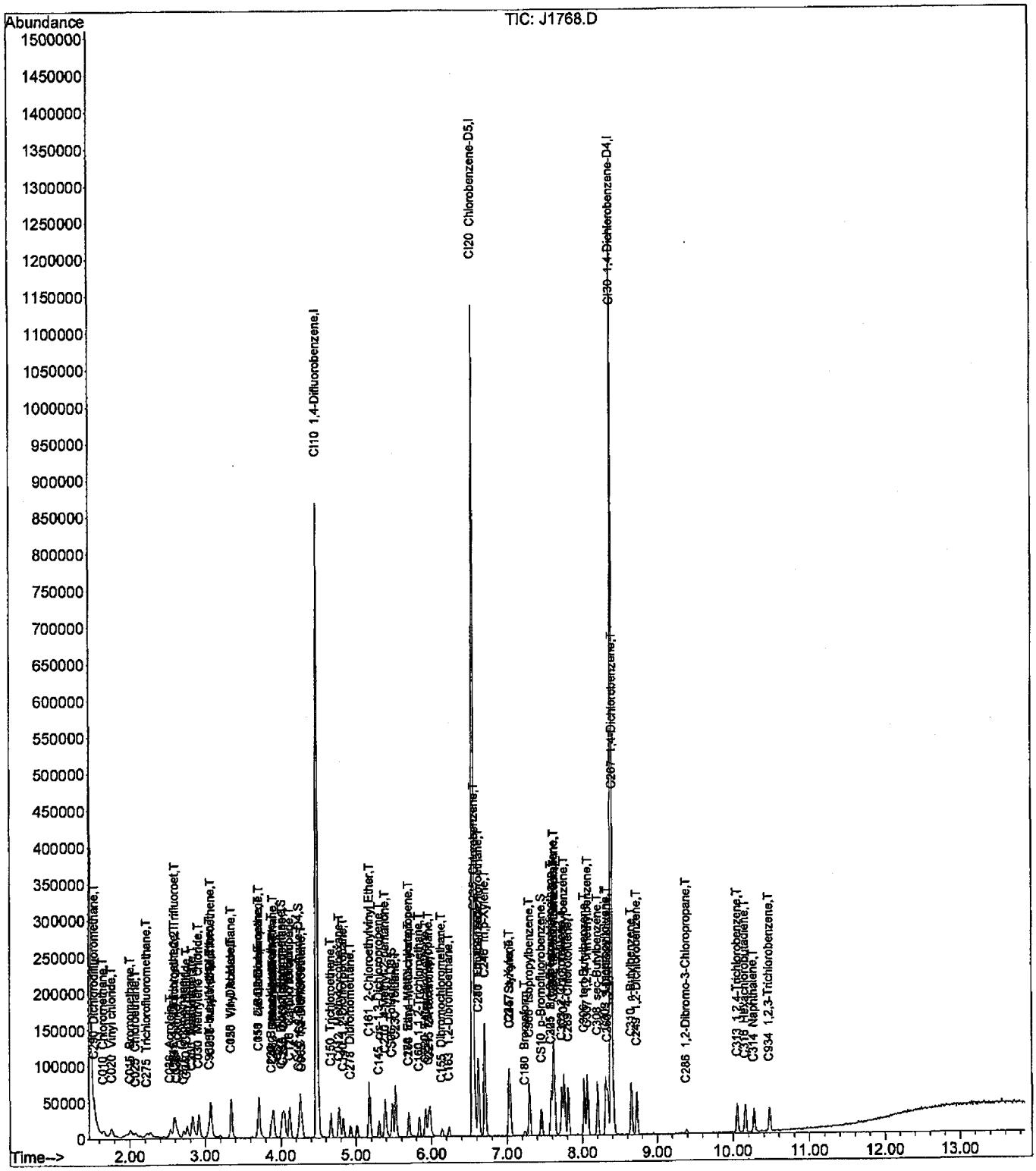
ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000
***	67-63-0	2-Propanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1768.D Vial: 3
Acq On : 3 Oct 2008 14:32 Operator: LH/MF
Sample : VSTD001 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 16:58:29 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1768.D Vial: 3
Acq On : 3 Oct 2008 14:32 Operator: LH/MF
Sample : VSTD001 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:29 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	642139	125.00	ng		0.00 93.95%
43) CI20	Chlorobenzene-D5	6.55	117	587549	125.00	ng		0.00 91.98%
62) CI30	1,4-Dichlorobenzene-	8.39	152	322366	125.00	ng		0.00 91.53%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.01	111	6308	4.91	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.93%#		
31) CS15	1,2-Dichloroethane-D	4.24	65	8758	5.00	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	4.00%#		
44) CS05	Toluene-D8	5.49	98	28865	5.30	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	4.24%#		
61) CS10	p-Bromofluorobenzene	7.45	174	9417	5.26	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	4.21%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.54	85	5960	4.68	ng		92
3) C010	Chloromethane	1.66	50	6833	5.23	ng		100
4) C020	Vinyl chloride	1.77	62	7469	5.09	ng		91
5) C015	Bromomethane	2.01	94	4198	5.51	ng		91
6) C025	Chloroethane	2.08	64	3474	5.08	ng		87
7) C275	Trichlorofluorometha	2.22	101	11131m	4.86	ng		76
8) C045	1,1-Dichloroethene	2.58	96	6529	5.50	ng	#	84
9) C030	Methylene chloride	2.91	84	13919	8.23	ng		91
10) C040	Carbon disulfide	2.75	76	22667	5.74	ng	#	84
11) C036	Acrolein	2.53	56	12086	126.47	ng		97
12) C038	Acrylonitrile	3.08	53	11809	27.97	ng		96
13) C035	Acetone	2.63	43	11220	30.82	ng	#	86
14) C300	Acetonitrile	2.83	41	31366	238.74	ng		97
15) C276	Iodomethane	2.71	142	10541	5.53	ng		95
16) C291	1,1,2 Trichloro-1,2,	2.60	101	7168	5.39	ng		94
17) C962	T-butyl Methyl Ether	3.05	73	24143	5.37	ng		98
18) C057	trans-1,2-Dichloroet	3.07	96	7825	5.53	ng		94
19) C255	Methyl Acetate	2.82	43	9897	6.33	ng		98
20) C050	1,1-Dichloroethane	3.35	63	14188	5.64	ng		96
21) C125	Vinyl Acetate	3.34	43	54461	26.75	ng		99
22) C051	2,2-Dichloropropane	3.71	77	13218	5.09	ng	#	40
23) C056	cis-1,2-Dichloroethe	3.71	96	9972	5.16	ng	#	85
24) C272	Tetrahydrofuran	3.89	42	11834	26.28	ng		98
25) C222	Bromochloromethane	3.88	128	4875	5.34	ng		93
26) C060	Chloroform	3.91	83	16955	5.28	ng		95
27) C115	1,1,1-Trichloroethan	4.02	97	14816	5.09	ng		90
28) C120	Carbon tetrachloride	4.12	117	10644	4.74	ng		85
29) C116	1,1-Dichloropropene	4.11	75	13434	5.35	ng		92
32) C165	Benzene	4.26	78	48068	6.09	ng		99
33) C065	1,2-Dichloroethane	4.28	62	13594	5.34	ng		96
34) C110	2-Butanone	3.71	43	20804	29.55	ng		100
35) C256	Cyclohexane	4.05	56	16400	5.39	ng	#	81
36) C150	Trichloroethene	4.67	95	9808	5.23	ng	#	85
37) C140	1,2-Dichloropropane	4.83	63	9393	5.21	ng		86
38) C278	Dibromomethane	4.93	93	5566	5.24	ng		90

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1768.D Vial: 3
Acq On : 3 Oct 2008 14:32 Operator: LH/MF
Sample : VSTD001 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:29 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	16955	5.28	ng		92
40) C161	2-Chloroethylvinyl E	5.18	63	28876	25.16	ng	#	87
41) C012	Methylcycolhexane	4.78	83	17223	4.99	ng		84
42) C145	cis-1,3-Dichloroprop	5.31	75	12889	4.59	ng		93
45) C230	Toluene	5.53	92	28479	5.73	ng		92
46) C170	trans-1,3-Dichloropr	5.69	75	10758	4.21	ng		96
47) C284	Ethyl Methacrylate	5.70	69	10304	4.41	ng	#	73
48) C160	1,1,2-Trichloroethan	5.83	83	6857	5.14	ng		91
49) C210	4-Methyl-2-pentanone	5.39	43	36932	25.49	ng	#	83
50) C220	Tetrachloroethene	5.92	166	10271	5.30	ng		85
51) C221	1,3-Dichloropropane	5.96	76	15524	5.35	ng		98
52) C155	Dibromochloromethane	6.14	129	5902	3.82	ng		99
53) C163	1,2-Dibromoethane	6.24	107	8418	4.98	ng		97
54) C215	2-Hexanone	5.98	43	26019	25.08	ng	#	86
55) C235	Chlorobenzene	6.58	112	29420	5.53	ng		95
56) C281	1,1,1,2-Tetrachloroe	6.63	131	7728	4.67	ng		90
57) C240	Ethylbenzene	6.63	91	52672	5.59	ng		100
58) C246	m,p-Xylene	6.71	106	44254	11.46	ng		98
59) C247	o-Xylene	7.03	106	20748	5.48	ng		97
60) C245	Styrene	7.05	104	28296	4.71	ng		90
63) C180	Bromoform	7.24	173	3255	3.57	ng		91
64) C966	Isopropylbenzene	7.30	105	49701	5.10	ng		98
65) C301	Bromobenzene	7.59	156	12137	5.29	ng		86
66) C225	1,1,2,2-Tetrachloroe	7.58	83	10692	4.94	ng		98
67) C282	1,2,3-Trichloropropa	7.63	110	4481	5.94	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	9422	19.36	ng	#	51
69) C302	n-Propylbenzene	7.63	91	60777	5.19	ng		98
70) C303	2-Chlorotoluene	7.73	126	11902	5.13	ng		100
71) C289	4-Chlorotoluene	7.81	126	12268	5.05	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	45524	5.20	ng		98
73) C306	tert-Butylbenzene	8.03	134	8452	4.93	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	47646	5.33	ng		97
75) C308	sec-Butylbenzene	8.20	105	50484	4.94	ng		100
76) C260	1,3-Dichlorobenzene	8.34	146	24084	5.35	ng		96
77) C309	4-Isopropyltoluene	8.31	119	44751	4.92	ng		94
78) C267	1,4-Dichlorobenzene	8.41	146	26419	5.64	ng		96
79) C249	1,2-Dichlorobenzene	8.73	146	23228	5.38	ng		93
80) C310	n-Butylbenzene	8.66	91	39895	4.83	ng		100
81) C286	1,2-Dibromo-3-Chloro	9.39	75	1499	4.28	ng	#	53
82) C313	1,2,4-Trichlorobenze	10.06	180	12448	4.59	ng		93
83) C316	Hexachlorobutadiene	10.16	225	7822	5.19	ng		93
84) C314	Naphthalene	10.27	128	25589	4.12	ng		100
85) C934	1,2,3-Trichlorobenze	10.48	180	10505	4.64	ng		94

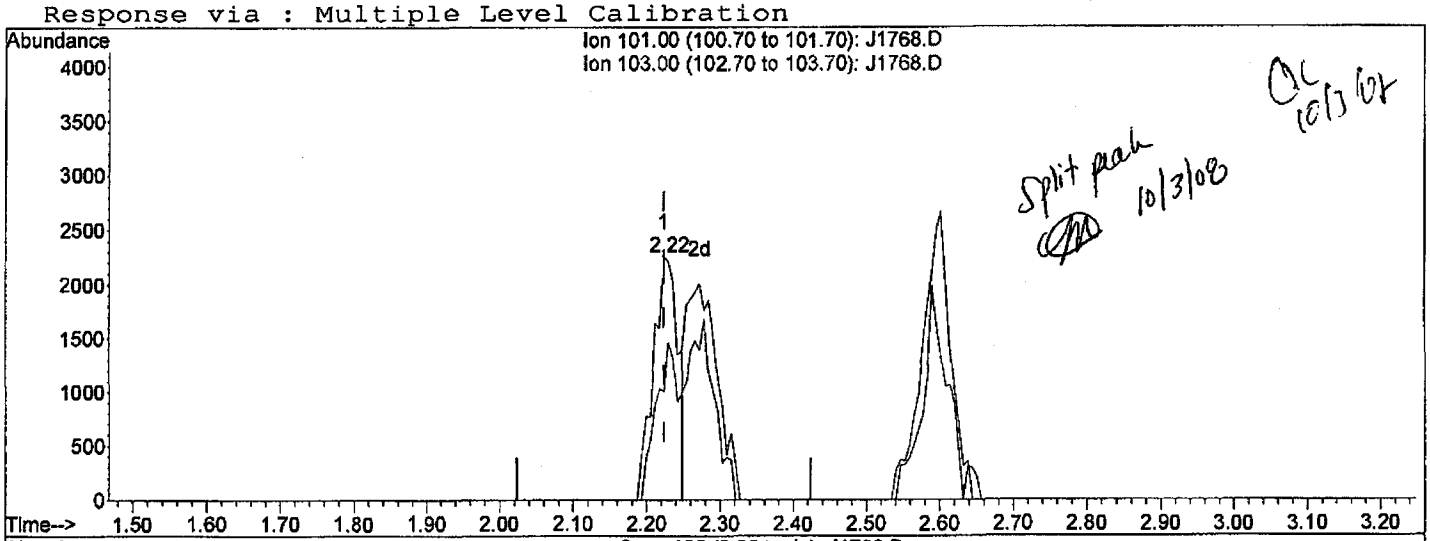
(#) = qualifier out of range (m) = manual integration (+) = signals summed

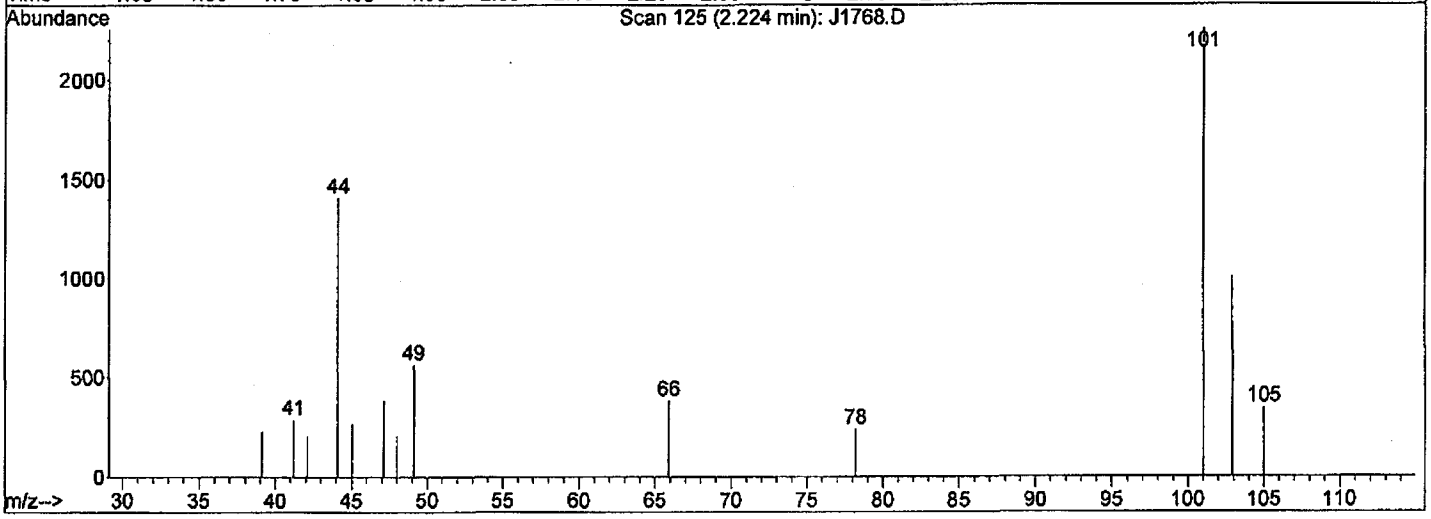
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1768.D
Acq On : 3 Oct 2008 14:32
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:57:52 2008

Vial: 3
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration





TIC: J1768.D

(7) C275 Trichlorofluoromethane (T)

2.22min (0.000) 2.30ng

response 5266

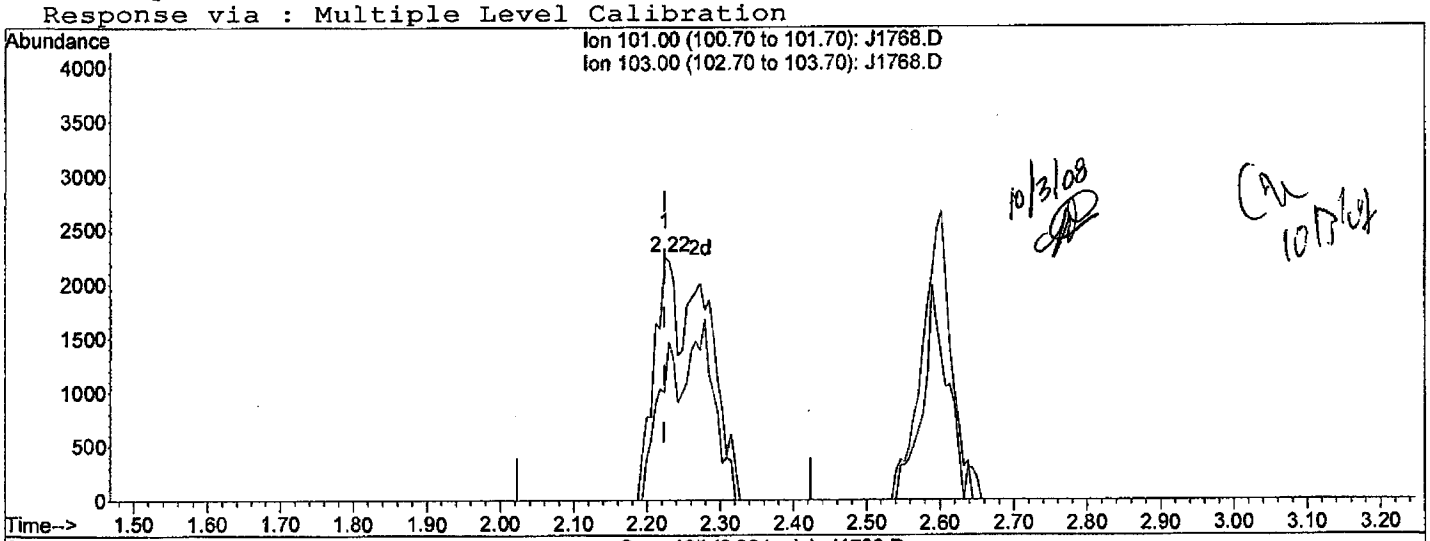
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	44.54
0.00	0.00	0.00
0.00	0.00	0.00

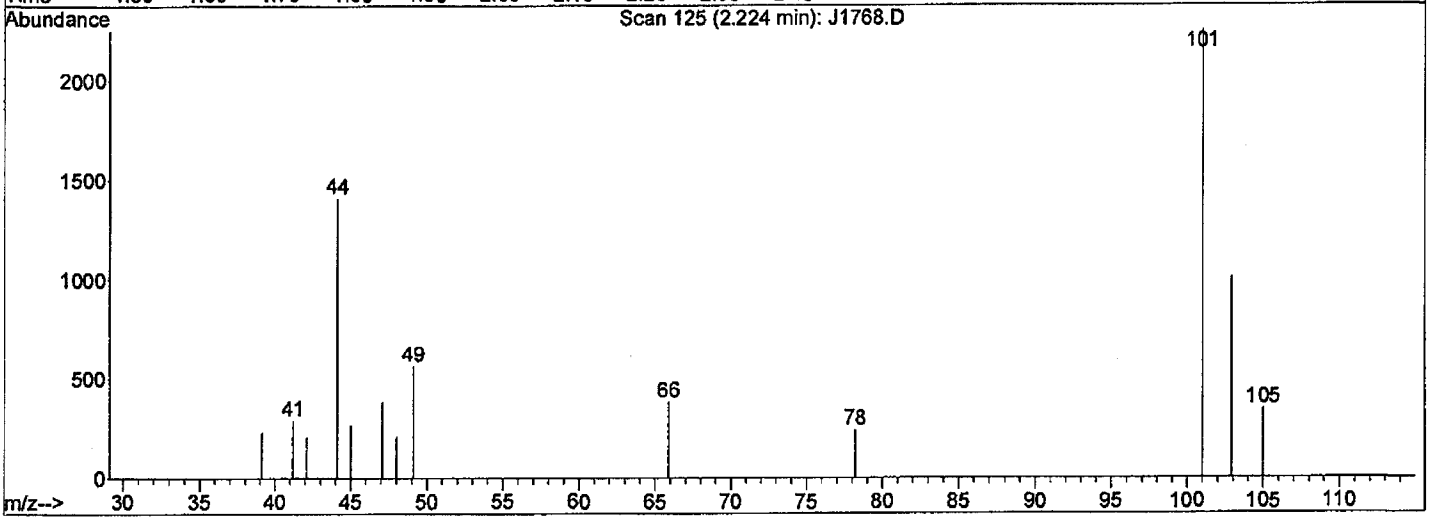
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1768.D
Acq On : 3 Oct 2008 14:32
Sample : VSTD001
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:57:52 2008

Vial: 3
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration





TIC: J1768.D

(7) C275 Trichlorofluoromethane (T)

2.22min (0.000) 4.86ng m

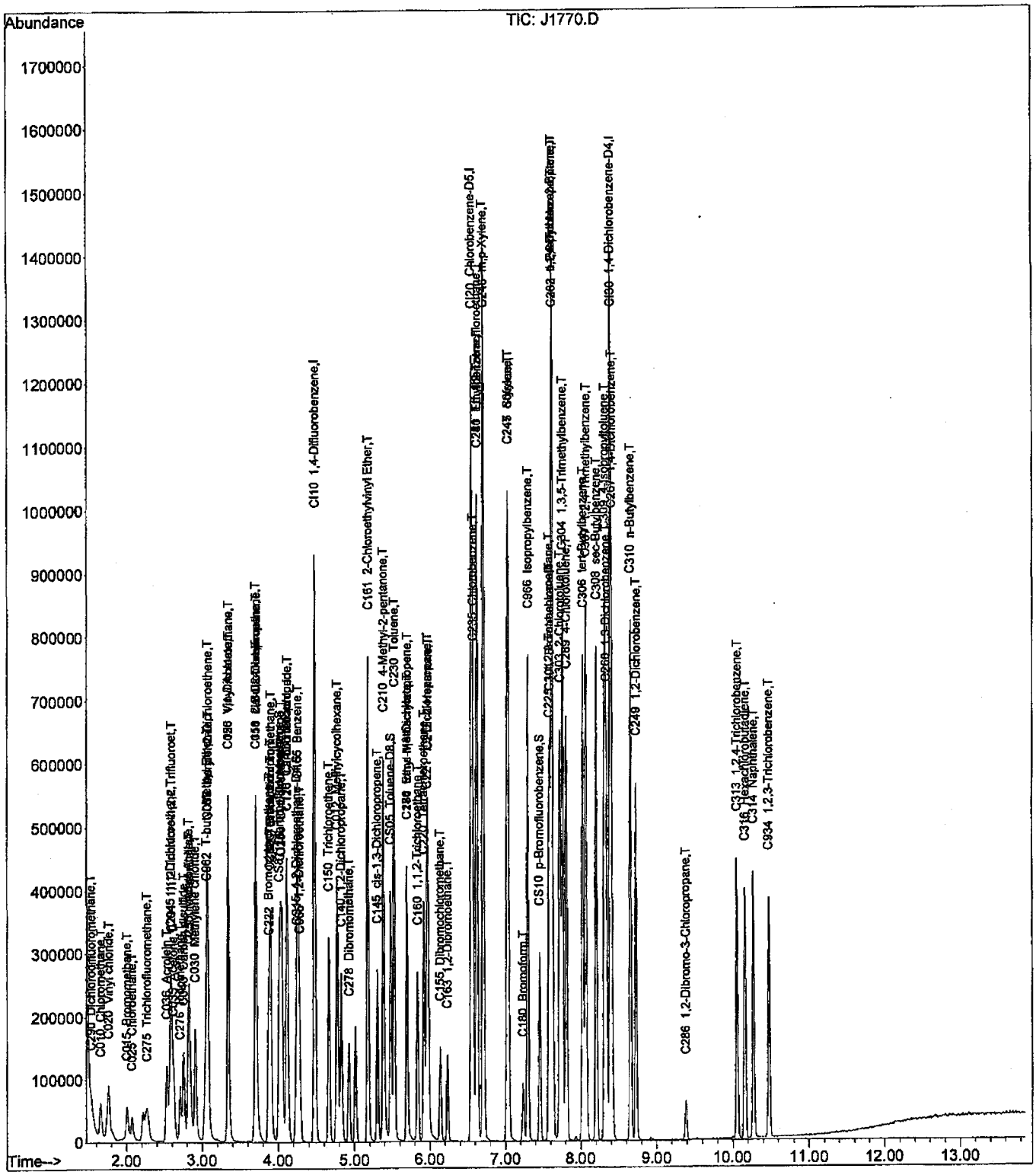
response 11131

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	44.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1770.D Vial: 5
Acq On : 3 Oct 2008 15:19 Operator: LH/MF
Sample : VSTD010 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 16:59:02 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1770.D Vial: 5
Acq On : 3 Oct 2008 15:19 Operator: LH/MF
Sample : VSTD010 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:59:02 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	675025	125.00	ng		0.00 98.77%
43) CI20	Chlorobenzene-D5	6.55	117	620805	125.00	ng		0.00 97.18%
62) CI30	1,4-Dichlorobenzene-	8.39	152	335343	125.00	ng		0.00 95.22%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.01	111	56277	41.70	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	33.36%#		
31) CS15	1,2-Dichloroethane-D	4.24	65	77341	42.00	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	33.60%#		
44) CS05	Toluene-D8	5.48	98	238474	41.44	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	33.15%#		
61) CS10	p-Bromofluorobenzene	7.45	174	77327	40.84	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	32.67%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	72303	54.02	ng		98
3) C010	Chloromethane	1.66	50	68376	49.74	ng		99
4) C020	Vinyl chloride	1.76	62	78765	51.11	ng		93
5) C015	Bromomethane	2.00	94	39328	49.10	ng		99
6) C025	Chloroethane	2.07	64	36517	50.80	ng		100
7) C275	Trichlorofluorometha	2.27	101	125556m	52.11	ng		97
8) C045	1,1-Dichloroethene	2.58	96	62624	50.17	ng		91
9) C030	Methylene chloride	2.91	84	79265	44.56	ng		89
10) C040	Carbon disulfide	2.75	76	209645	50.48	ng		100
11) C036	Acrolein	2.53	56	115853	1153.24	ng		95
12) C038	Acrylonitrile	3.07	53	111524	251.26	ng		98
13) C035	Acetone	2.62	43	93235	243.63	ng		94
14) C300	Acetonitrile	2.83	41	277004	2005.65	ng		100
15) C276	Iodomethane	2.71	142	101438	50.59	ng		94
16) C291	1,1,2 Trichloro-1,2,	2.60	101	72703	52.00	ng		94
17) C962	T-butyl Methyl Ether	3.05	73	236694	50.10	ng		97
18) C057	trans-1,2-Dichloroet	3.07	96	75085	50.44	ng		96
19) C255	Methyl Acetate	2.82	43	82751	50.37	ng		97
20) C050	1,1-Dichloroethane	3.34	63	132075	49.98	ng		96
21) C125	Vinyl Acetate	3.34	43	542340	253.45	ng		97
22) C051	2,2-Dichloropropane	3.71	77	133705	48.93	ng	#	37
23) C056	cis-1,2-Dichloroethe	3.71	96	104264	51.30	ng		96
24) C272	Tetrahydrofuran	3.89	42	117798	248.83	ng		99
25) C222	Bromochloromethane	3.87	128	47515	49.47	ng		99
26) C060	Chloroform	3.91	83	168978	50.04	ng		97
27) C115	1,1,1-Trichloroethan	4.02	97	153157	50.02	ng		91
28) C120	Carbon tetrachloride	4.12	117	114307	48.39	ng		99
29) C116	1,1-Dichloropropene	4.11	75	135057	51.12	ng		95
32) C165	Benzene	4.25	78	407914	49.19	ng		98
33) C065	1,2-Dichloroethane	4.28	62	134681	50.32	ng		98
34) C110	2-Butanone	3.71	43	184182	248.90	ng		95
35) C256	Cyclohexane	4.05	56	162574	50.81	ng	#	77
36) C150	Trichloroethene	4.66	95	98303	49.90	ng		94
37) C140	1,2-Dichloropropane	4.83	63	94123	49.69	ng		99
38) C278	Dibromomethane	4.92	93	54269	48.62	ng		98

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1770.D Vial: 5
Acq On : 3 Oct 2008 15:19 Operator: LH/MF
Sample : VSTD010 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:59:02 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	168978	50.04 ng		96
40) C161	2-Chloroethylvinyl E	5.18	63	310330	257.26 ng	#	87
41) C012	Methylcycolhexane	4.77	83	191110	52.63 ng	#	83
42) C145	cis-1,3-Dichloroprop	5.30	75	143060	48.46 ng		97
45) C230	Toluene	5.53	92	261235	49.74 ng		98
46) C170	trans-1,3-Dichloropr	5.69	75	131320	48.63 ng		94
47) C284	Ethyl Methacrylate	5.70	69	122190	49.44 ng	#	72
48) C160	1,1,2-Trichloroethan	5.84	83	70629	50.14 ng		94
49) C210	4-Methyl-2-pentanone	5.38	43	388293	253.67 ng	#	84
50) C220	Tetrachloroethene	5.92	166	104076	50.85 ng		98
51) C221	1,3-Dichloropropane	5.96	76	152352	49.71 ng		99
52) C155	Dibromochloromethane	6.14	129	75704	46.43 ng		95
53) C163	1,2-Dibromoethane	6.24	107	87570	49.07 ng		97
54) C215	2-Hexanone	5.97	43	278547	254.07 ng	#	87
55) C235	Chlorobenzene	6.58	112	280775	49.96 ng		95
56) C281	1,1,1,2-Tetrachloroe	6.63	131	85201	48.71 ng		88
57) C240	Ethylbenzene	6.63	91	502717	50.51 ng		98
58) C246	m,p-Xylene	6.71	106	416637	102.14 ng		96
59) C247	o-Xylene	7.03	106	203214	50.76 ng		97
60) C245	Styrene	7.04	104	324230	51.10 ng		91
63) C180	Bromoform	7.24	173	40804	43.07 ng		96
64) C966	Isopropylbenzene	7.30	105	526388	51.90 ng		99
65) C301	Bromobenzene	7.59	156	121915	51.12 ng	#	72
66) C225	1,1,2,2-Tetrachloroe	7.58	83	114510	50.86 ng		100
67) C282	1,2,3-Trichloropropa	7.62	110	40092	51.05 ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	123697	244.28 ng	#	62
69) C302	n-Propylbenzene	7.63	91	643321	52.79 ng		98
70) C303	2-Chlorotoluene	7.73	126	124372	51.53 ng		100
71) C289	4-Chlorotoluene	7.81	126	130688	51.68 ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	471844	51.82 ng		98
73) C306	tert-Butylbenzene	8.03	134	92501	51.83 ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	475967	51.18 ng		95
75) C308	sec-Butylbenzene	8.20	105	556519	52.30 ng		97
76) C260	1,3-Dichlorobenzene	8.34	146	238145	50.84 ng		98
77) C309	4-Isopropyltoluene	8.31	119	496936	52.54 ng		96
78) C267	1,4-Dichlorobenzene	8.41	146	243617	49.99 ng		95
79) C249	1,2-Dichlorobenzene	8.73	146	228068	50.74 ng		99
80) C310	n-Butylbenzene	8.66	91	442739	51.48 ng		97
81) C286	1,2-Dibromo-3-Chloro	9.39	75	16411	45.05 ng	#	70
82) C313	1,2,4-Trichlorobenze	10.06	180	138210	49.03 ng		98
83) C316	Hexachlorobutadiene	10.16	225	78679	50.14 ng		98
84) C314	Naphthalene	10.27	128	313786	48.58 ng		100
85) C934	1,2,3-Trichlorobenze	10.47	180	114326	48.57 ng		97

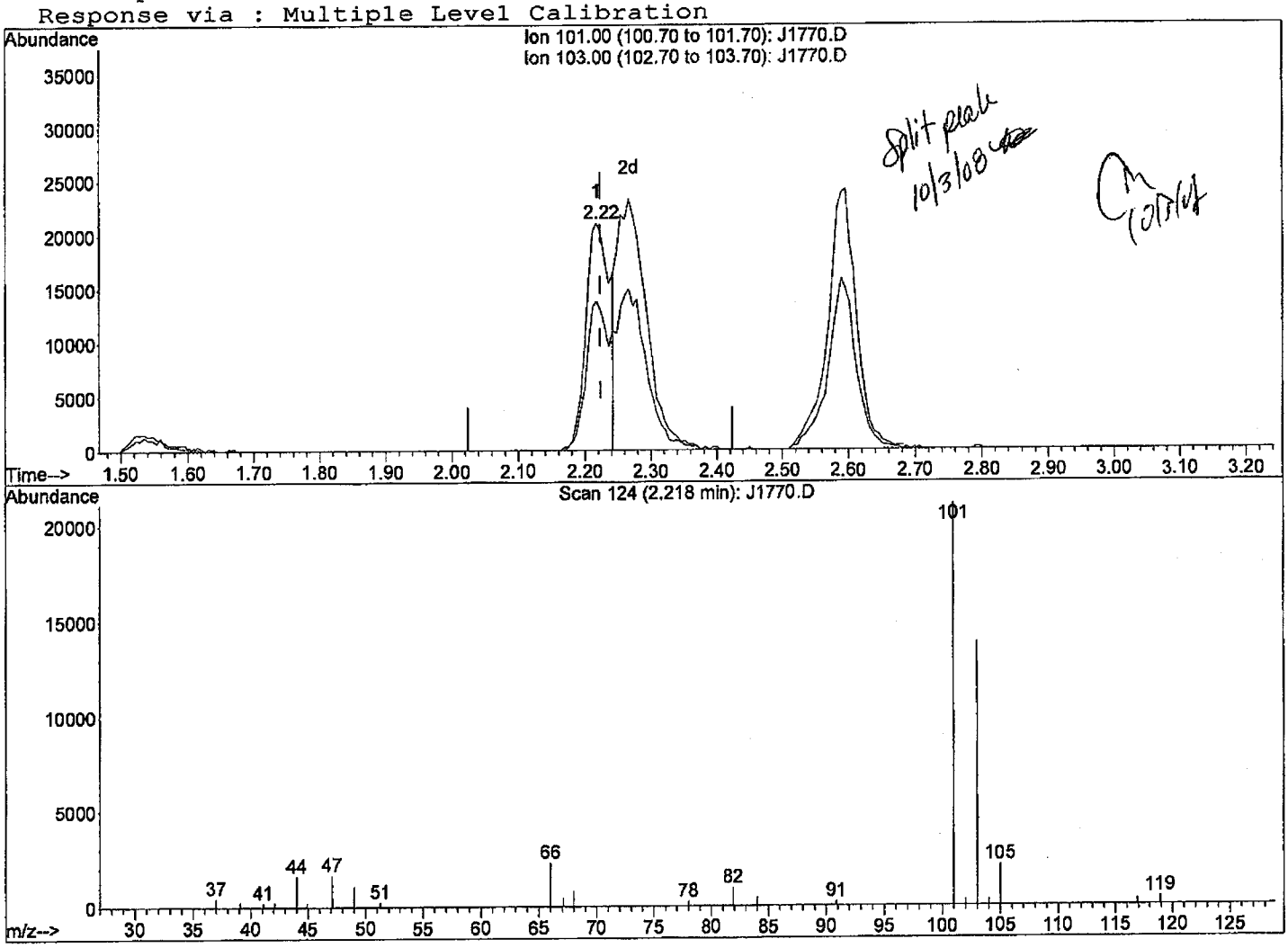
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1770.D
Acq On : 3 Oct 2008 15:19
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:57:58 2008

Vial: 5
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration



TIC: J1770.D

(7) C275 Trichlorofluoromethane (T)

2.22min (-0.006) 22.07ng

response 53168

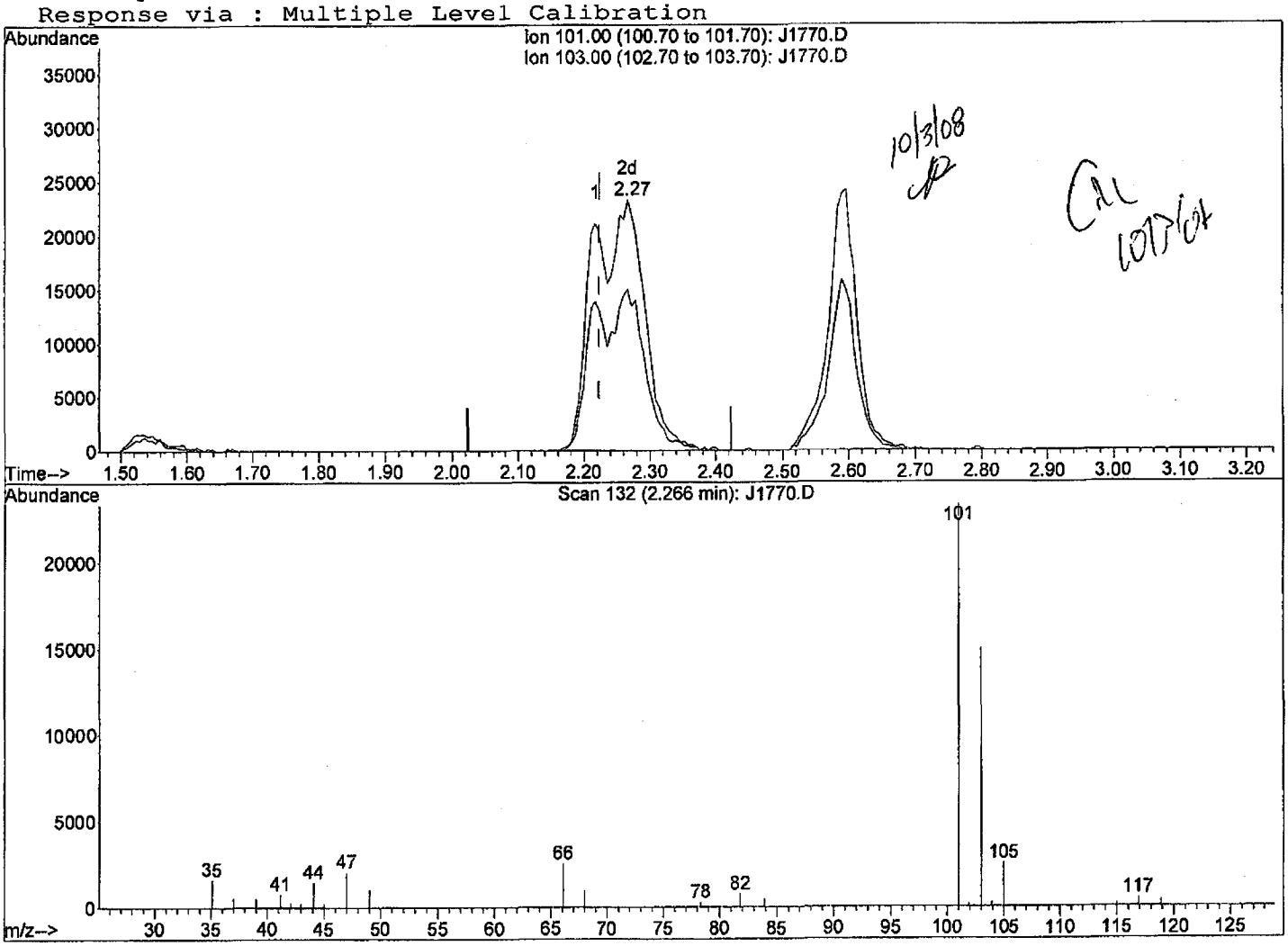
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	65.62
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1770.D
Acq On : 3 Oct 2008 15:19
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:57:58 2008

Vial: 5
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration



TIC: J1770.D

(7) C275 Trichlorofluoromethane (T)

2.27min (+0.043) 52.11ng m

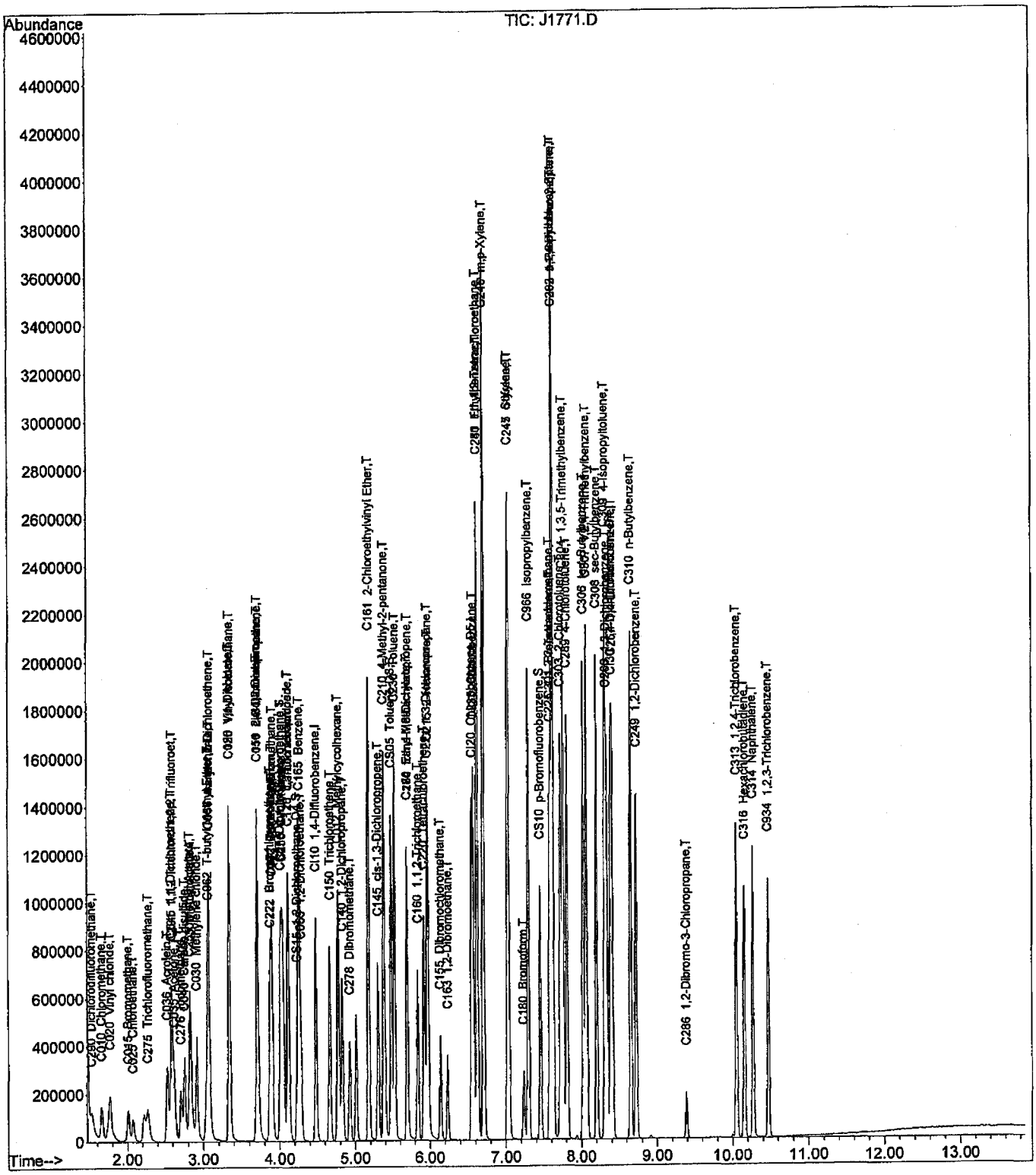
response 125556

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	64.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1771.D Vial: 6
Acq On : 3 Oct 2008 15:43 Operator: LH/MF
Sample : VSTD025 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 16:59:26 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1771.D Vial: 6
Acq On : 3 Oct 2008 15:43 Operator: LH/MF
Sample : VSTD025 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:59:26 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	683455	125.00	ng		0.00 100.00%
43) CI20	Chlorobenzene-D5	6.55	117	638797	125.00	ng		0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	8.39	152	352189	125.00	ng		0.00 100.00%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.01	111	192154	140.61	ng		0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	112.49%			
31) CS15	1,2-Dichloroethane-D	4.23	65	259249	139.05	ng		0.00
Spiked Amount	125.000 Range	66 - 137		Recovery =	111.24%			
44) CS05	Toluene-D8	5.48	98	817436	138.05	ng		0.00
Spiked Amount	125.000 Range	71 - 126		Recovery =	110.44%			
61) CS10	p-Bromofluorobenzene	7.45	174	265649	136.37	ng		0.00
Spiked Amount	125.000 Range	73 - 120		Recovery =	109.10%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	177969	131.32	ng		97
3) C010	Chloromethane	1.66	50	174753	125.55	ng		100
4) C020	Vinyl chloride	1.77	62	198055	126.93	ng		98
5) C015	Bromomethane	2.01	94	101427	125.05	ng		99
6) C025	Chloroethane	2.07	64	93488	128.45	ng		95
7) C275	Trichlorofluorometha	2.27	101	314754m	129.02	ng		99
8) C045	1,1-Dichloroethene	2.58	96	158295	125.25	ng		88
9) C030	Methylene chloride	2.91	84	194689	108.10	ng	#	86
10) C040	Carbon disulfide	2.75	76	519939	123.65	ng		98
11) C036	Acrolein	2.53	56	290339	2854.47	ng		98
12) C038	Acrylonitrile	3.07	53	279424	621.78	ng		97
13) C035	Acetone	2.63	43	234000	603.91	ng		92
14) C300	Acetonitrile	2.83	41	679228	4857.30	ng		100
15) C276	Iodomethane	2.71	142	252945	124.59	ng		94
16) C291	1,1,2 Trichloro-1,2,	2.60	101	177688	125.52	ng		94
17) C962	T-butyl Methyl Ether	3.05	73	606120	126.70	ng		96
18) C057	trans-1,2-Dichloroet	3.07	96	187570	124.46	ng		96
19) C255	Methyl Acetate	2.82	43	194198	116.74	ng		98
20) C050	1,1-Dichloroethane	3.34	63	335144	125.27	ng		97
21) C125	Vinyl Acetate	3.34	43	1376706	635.43	ng		96
22) C051	2,2-Dichloropropane	3.71	77	352893	127.56	ng	#	38
23) C056	cis-1,2-Dichloroethe	3.71	96	264255	128.41	ng		97
24) C272	Tetrahydrofuran	3.89	42	303425	633.02	ng		98
25) C222	Bromochloromethane	3.87	128	121664	125.12	ng		97
26) C060	Chloroform	3.91	83	431407	126.18	ng		96
27) C115	1,1,1-Trichloroethan	4.02	97	393200	126.84	ng		93
28) C120	Carbon tetrachloride	4.12	117	306236	128.03	ng		98
29) C116	1,1-Dichloropropene	4.11	75	335807	125.54	ng		98
32) C165	Benzene	4.26	78	1024639	122.04	ng		99
33) C065	1,2-Dichloroethane	4.28	62	342790	126.48	ng		99
34) C110	2-Butanone	3.71	43	461521	615.99	ng		96
35) C256	Cyclohexane	4.04	56	412425	127.31	ng	#	77
36) C150	Trichloroethene	4.67	95	251030	125.87	ng		95
37) C140	1,2-Dichloropropane	4.83	63	242376	126.39	ng		99
38) C278	Dibromomethane	4.92	93	143920	127.34	ng		94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1771.D Vial: 6
Acq On : 3 Oct 2008 15:43 Operator: LH/MF
Sample : VSTD025 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:59:26 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	431407	126.18	ng		95
40) C161	2-Chloroethylvinyl E	5.18	63	796174	651.87	ng	#	88
41) C012	Methylcycolhexane	4.78	83	471937	128.36	ng	#	83
42) C145	cis-1,3-Dichloroprop	5.30	75	389308	130.25	ng		96
45) C230	Toluene	5.53	92	663644	122.79	ng		99
46) C170	trans-1,3-Dichloropr	5.69	75	367172	132.14	ng		94
47) C284	Ethyl Methacrylate	5.70	69	334228	131.42	ng	#	70
48) C160	1,1,2-Trichloroethan	5.84	83	181678	125.35	ng		95
49) C210	4-Methyl-2-pentanone	5.38	43	1007503	639.67	ng	#	84
50) C220	Tetrachloroethene	5.92	166	264527	125.61	ng		98
51) C221	1,3-Dichloropropane	5.96	76	397819	126.16	ng		99
52) C155	Dibromochloromethane	6.14	129	219193	130.66	ng		99
53) C163	1,2-Dibromoethane	6.24	107	232787	126.77	ng		99
54) C215	2-Hexanone	5.97	43	723623	641.44	ng	#	86
55) C235	Chlorobenzene	6.57	112	717012	123.99	ng		93
56) C281	1,1,1,2-Tetrachloroe	6.63	131	233203	129.56	ng	#	83
57) C240	Ethylbenzene	6.63	91	1283391	125.32	ng		98
58) C246	m,p-Xylene	6.71	106	1044244	248.79	ng		98
59) C247	o-Xylene	7.03	106	516033	125.27	ng		96
60) C245	Styrene	7.04	104	851763	130.47	ng		91
63) C180	Bromoform	7.24	173	127784	128.42	ng		98
64) C966	Isopropylbenzene	7.30	105	1350595	126.79	ng		100
65) C301	Bromobenzene	7.59	156	316012	126.17	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	7.58	83	302353	127.87	ng		98
67) C282	1,2,3-Trichloropropa	7.62	110	100747	122.14	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	357622	672.45	ng	#	65
69) C302	n-Propylbenzene	7.63	91	1648270	128.78	ng		98
70) C303	2-Chlorotoluene	7.73	126	320445	126.42	ng		100
71) C289	4-Chlorotoluene	7.81	126	336758	126.81	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	1208899	126.41	ng		97
73) C306	tert-Butylbenzene	8.03	134	240275	128.18	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	1230657	126.00	ng		99
75) C308	sec-Butylbenzene	8.20	105	1426045	127.61	ng		96
76) C260	1,3-Dichlorobenzene	8.34	146	621598	126.36	ng		99
77) C309	4-Isopropyltoluene	8.31	119	1277576	128.62	ng		96
78) C267	1,4-Dichlorobenzene	8.41	146	634189	123.92	ng		96
79) C249	1,2-Dichlorobenzene	8.73	146	594643	125.97	ng		97
80) C310	n-Butylbenzene	8.66	91	1161879	128.63	ng		97
81) C286	1,2-Dibromo-3-Chloro	9.39	75	47648	124.54	ng	#	79
82) C313	1,2,4-Trichlorobenze	10.05	180	384045	129.72	ng		100
83) C316	Hexachlorobutadiene	10.16	225	208425	126.47	ng		100
84) C314	Naphthalene	10.27	128	898757	132.48	ng		100
85) C934	1,2,3-Trichlorobenze	10.47	180	323285	130.79	ng		100

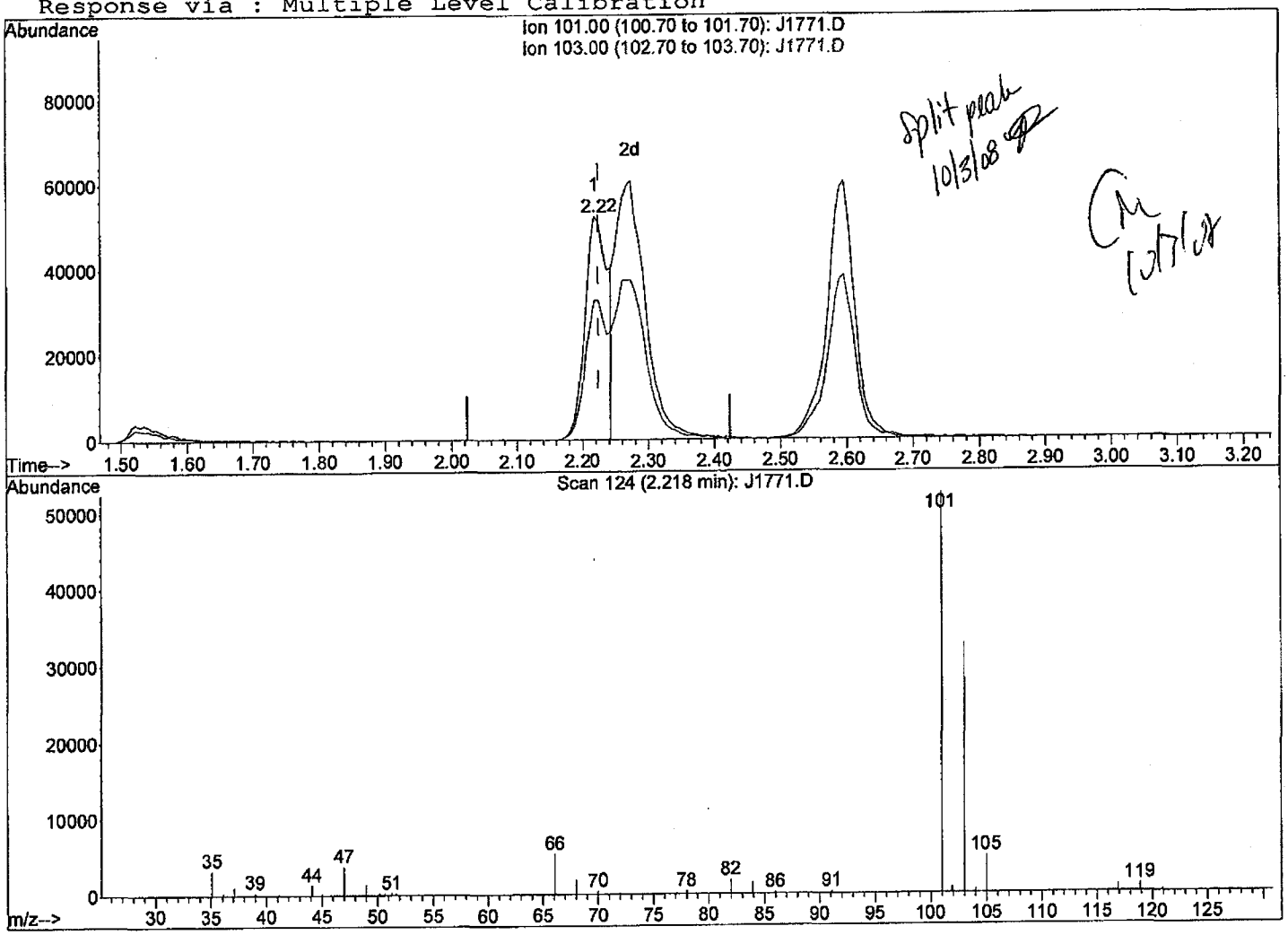
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1771.D
Acq On : 3 Oct 2008 15:43
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:05 2008

Vial: 6
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration



TIC: J1771.D

(7) C275 Trichlorofluoromethane (T)

2.22min (-0.006) 51.64ng

response 125974

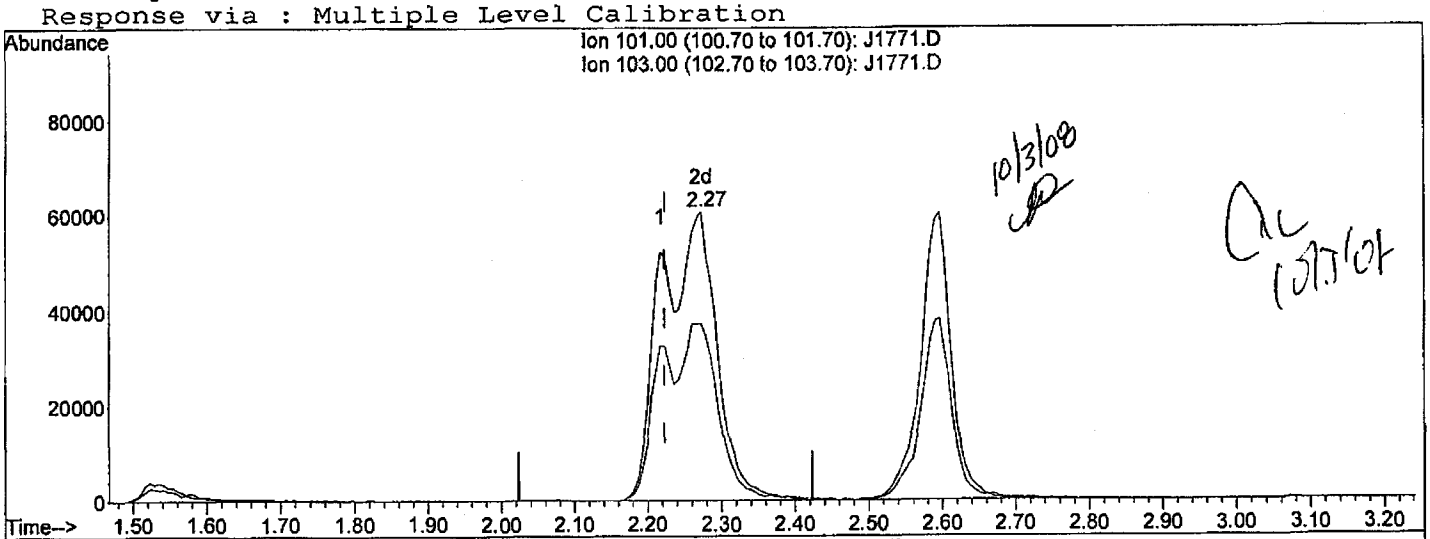
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.36
0.00	0.00	0.00
0.00	0.00	0.00

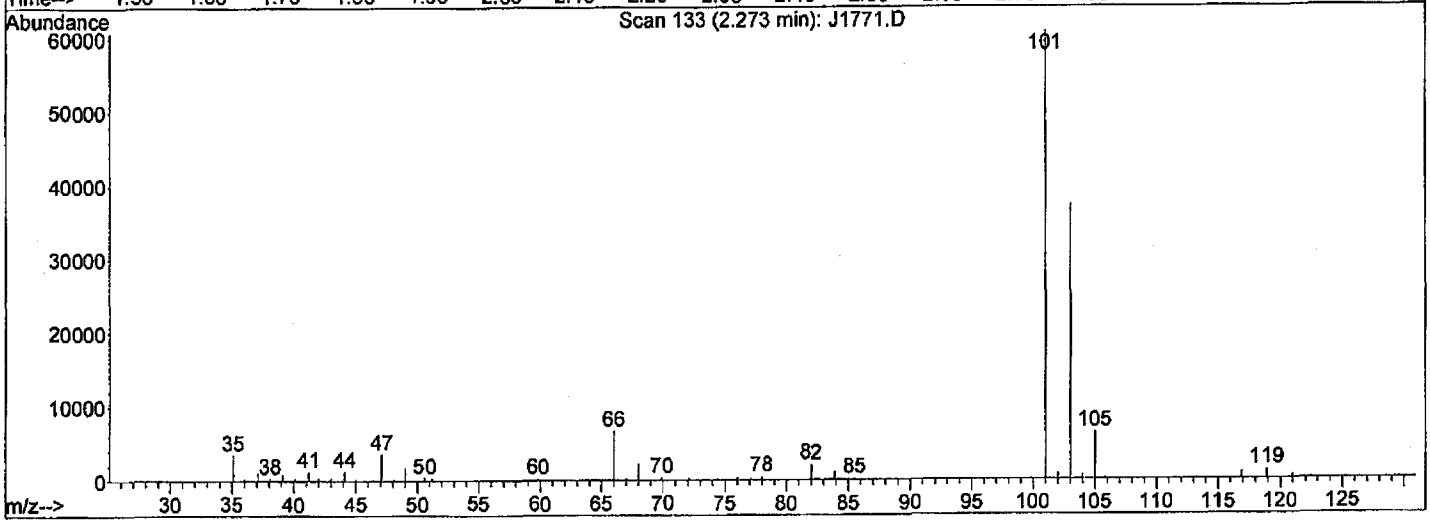
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1771.D
Acq On : 3 Oct 2008 15:43
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:05 2008

Vial: 6
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration





TIC: J1771.D

(7) C275 Trichlorofluoromethane (T)

2.27min (+0.049) 129.02ng m

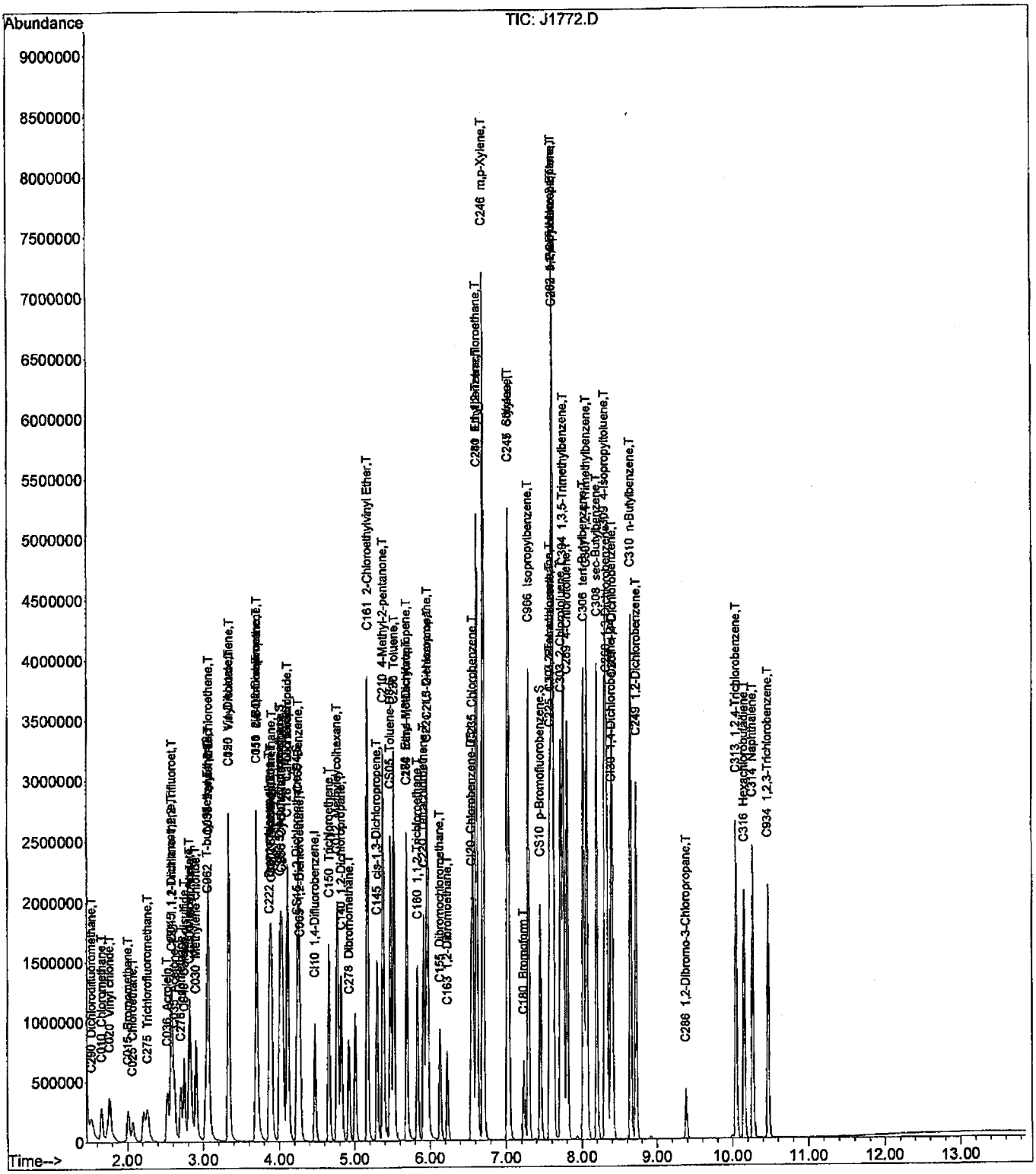
response 314754

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	61.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1772.D Vial: 7
Acq On : 3 Oct 2008 16:07 Operator: LH/MF
Sample : VSTD050 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 16:59:43 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1772.D Vial: 7
Acq On : 3 Oct 2008 16:07 Operator: LH/MF
Sample : VSTD050 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:59:43 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	719710	125.00	ng		0.00 105.30%
43) CI20	Chlorobenzene-D5	6.55	117	660694	125.00	ng		0.00 103.43%
62) CI30	1,4-Dichlorobenzene-	8.39	152	365058	125.00	ng		0.00 103.65%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.01	111	363420	252.55	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	202.04%#		
31) CS15	1,2-Dichloroethane-D	4.24	65	494735	251.98	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	201.58%#		
44) CS05	Toluene-D8	5.48	98	1527892	249.48	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	199.58%#		
61) CS10	p-Bromofluorobenzene	7.46	174	507856	252.06	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	201.65%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	351311	246.17	ng		98
3) C010	Chloromethane	1.66	50	356634	243.32	ng		100
4) C020	Vinyl chloride	1.77	62	396509	241.31	ng		98
5) C015	Bromomethane	2.01	94	200737	235.03	ng		99
6) C025	Chloroethane	2.08	64	185182	241.61	ng		99
7) C275	Trichlorofluorometha	2.27	101	629367m	244.99	ng		99
8) C045	1,1-Dichloroethene	2.58	96	315301	236.91	ng		88
9) C030	Methylene chloride	2.91	84	380817	200.79	ng	#	86
10) C040	Carbon disulfide	2.75	76	1013986	229.00	ng		98
11) C036	Acrolein	2.53	56	375698	3507.61	ng		97
12) C038	Acrylonitrile	3.07	53	565107	1194.14	ng		98
13) C035	Acetone	2.63	43	473015	1159.27	ng		94
14) C300	Acetonitrile	2.83	41	1351705	9179.39	ng		100
15) C276	Iodomethane	2.71	142	501052	234.36	ng		94
16) C291	1,1,2 Trichloro-1,2,	2.60	101	346521	232.45	ng		95
17) C962	T-butyl Methyl Ether	3.05	73	1204424	239.08	ng		98
18) C057	trans-1,2-Dichloroet	3.07	96	378181	238.29	ng		95
19) C255	Methyl Acetate	2.82	43	396666	226.44	ng		100
20) C050	1,1-Dichloroethane	3.34	63	664756	235.95	ng		96
21) C125	Vinyl Acetate	3.34	43	2770091	1214.14	ng		95
22) C051	2,2-Dichloropropane	3.71	77	717501	246.29	ng	#	39
23) C056	cis-1,2-Dichloroethe	3.71	96	526474	242.94	ng		96
24) C272	Tetrahydrofuran	3.89	42	625224	1238.67	ng		97
25) C222	Bromochloromethane	3.87	128	251837	245.94	ng		97
26) C060	Chloroform	3.91	83	875555	243.18	ng		96
27) C115	1,1,1-Trichloroethan	4.02	97	803881	246.25	ng		91
28) C120	Carbon tetrachloride	4.12	117	636967	252.88	ng		97
29) C116	1,1-Dichloropropene	4.11	75	678559	240.89	ng		97
32) C165	Benzene	4.26	78	2045522	231.36	ng		99
33) C065	1,2-Dichloroethane	4.28	62	687173	240.78	ng		99
34) C110	2-Butanone	3.71	43	941447	1193.24	ng		95
35) C256	Cyclohexane	4.05	56	801928	235.08	ng	#	78
36) C150	Trichloroethene	4.66	95	516540	245.95	ng		97
37) C140	1,2-Dichloropropane	4.83	63	495388	245.31	ng		98
38) C278	Dibromomethane	4.92	93	292695	245.93	ng		93

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1772.D Vial: 7
Acq On : 3 Oct 2008 16:07 Operator: LH/MF
Sample : VSTD050 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:59:43 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	875555	243.18	ng		95
40) C161	2-Chloroethylvinyl E	5.18	63	1592861	1238.46	ng	#	88
41) C012	Methylcycolhexane	4.78	83	924025	238.67	ng	#	83
42) C145	cis-1,3-Dichloroprop	5.30	75	812033	257.99	ng		97
45) C230	Toluene	5.53	92	1329738	237.89	ng		98
46) C170	trans-1,3-Dichloropr	5.69	75	764268	265.92	ng		92
47) C284	Ethyl Methacrylate	5.70	69	690463	262.50	ng	#	70
48) C160	1,1,2-Trichloroethan	5.84	83	370539	247.18	ng		95
49) C210	4-Methyl-2-pentanone	5.38	43	2016252	1237.71	ng	#	83
50) C220	Tetrachloroethene	5.92	166	528328	242.56	ng		97
51) C221	1,3-Dichloropropane	5.96	76	798716	244.89	ng		99
52) C155	Dibromochloromethane	6.14	129	478929	276.02	ng		100
53) C163	1,2-Dibromoethane	6.24	107	477905	251.63	ng		99
54) C215	2-Hexanone	5.97	43	1456492	1248.29	ng	#	84
55) C235	Chlorobenzene	6.58	112	1432794	239.55	ng		95
56) C281	1,1,1,2-Tetrachloroe	6.63	131	474863	255.07	ng	#	84
57) C240	Ethylbenzene	6.63	91	2519851	237.90	ng		97
58) C246	m,p-Xylene	6.71	106	2048646	471.92	ng		98
59) C247	o-Xylene	7.03	106	1020340	239.49	ng		96
60) C245	Styrene	7.04	104	1706876	252.79	ng		91
63) C180	Bromoform	7.23	173	293427	284.50	ng		96
64) C966	Isopropylbenzene	7.30	105	2688872	243.53	ng		99
65) C301	Bromobenzene	7.59	156	628198	241.97	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	7.58	83	611054	249.31	ng		98
67) C282	1,2,3-Trichloropropa	7.62	110	199633	233.50	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	751166	1362.65	ng	#	67
69) C302	n-Propylbenzene	7.63	91	3196255	240.92	ng		99
70) C303	2-Chlorotoluene	7.73	126	637220	242.53	ng		100
71) C289	4-Chlorotoluene	7.81	126	672001	244.13	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	2398378	241.95	ng		97
73) C306	tert-Butylbenzene	8.03	134	478570	246.31	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	2436696	240.68	ng		100
75) C308	sec-Butylbenzene	8.20	105	2859180	246.83	ng		97
76) C260	1,3-Dichlorobenzene	8.34	146	1235431	242.30	ng		100
77) C309	4-Isopropyltoluene	8.31	119	2540324	246.73	ng		97
78) C267	1,4-Dichlorobenzene	8.41	146	1266792	238.81	ng		95
79) C249	1,2-Dichlorobenzene	8.73	146	1174974	240.14	ng		97
80) C310	n-Butylbenzene	8.66	91	2351032	251.10	ng		98
81) C286	1,2-Dibromo-3-Chloro	9.39	75	107806	271.84	ng	#	73
82) C313	1,2,4-Trichlorobenze	10.05	180	788248	256.85	ng		99
83) C316	Hexachlorobutadiene	10.16	225	419225	245.41	ng		97
84) C314	Naphthalene	10.27	128	1867743	265.60	ng		100
85) C934	1,2,3-Trichlorobenze	10.48	180	653088	254.89	ng		99

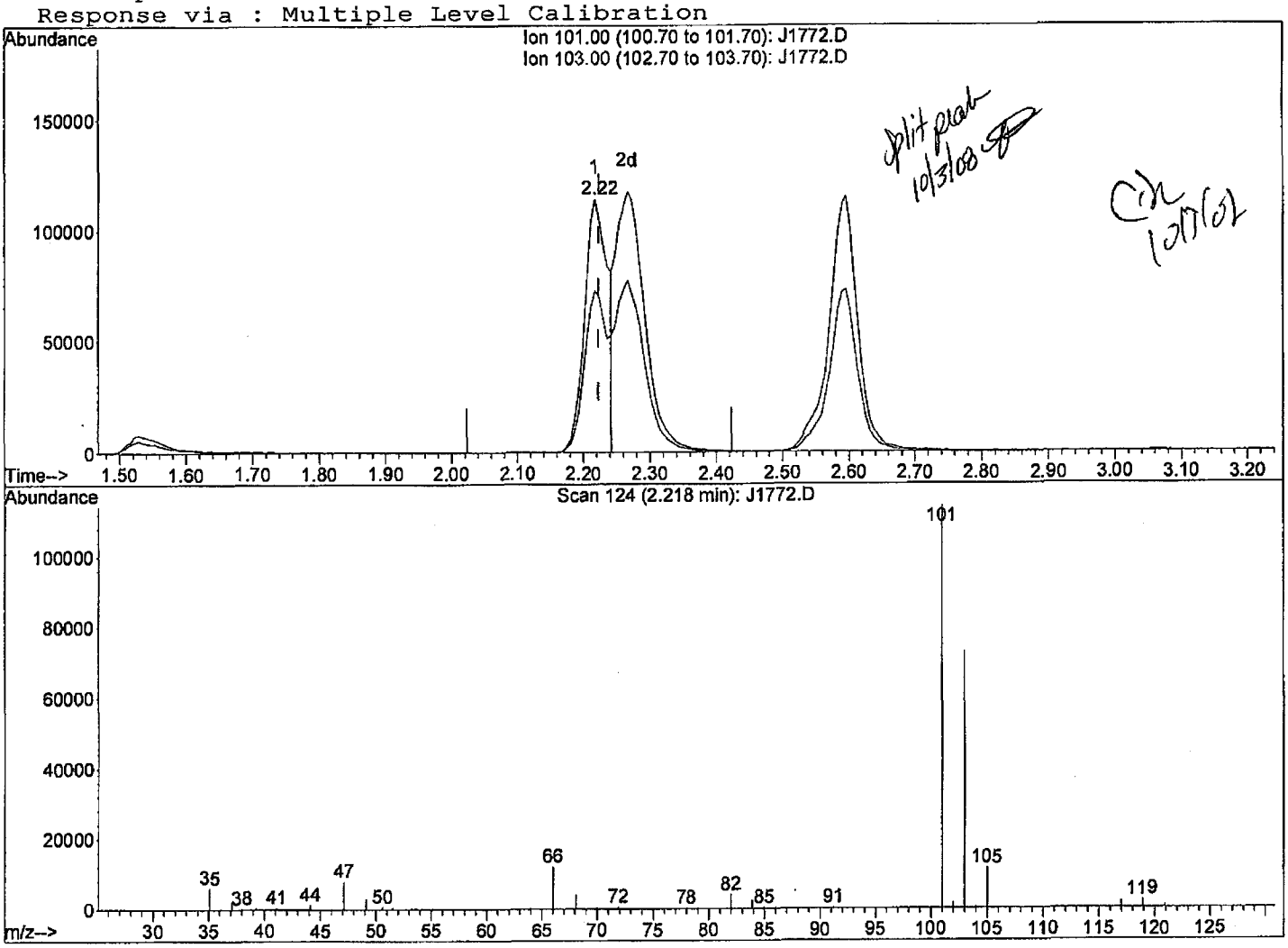
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1772.D
Acq On : 3 Oct 2008 16:07
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:09 2008

Vial: 7
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration



TIC: J1772.D

(7) C275 Trichlorofluoromethane (T)

2.22min (-0.006) 107.56ng

response 276318

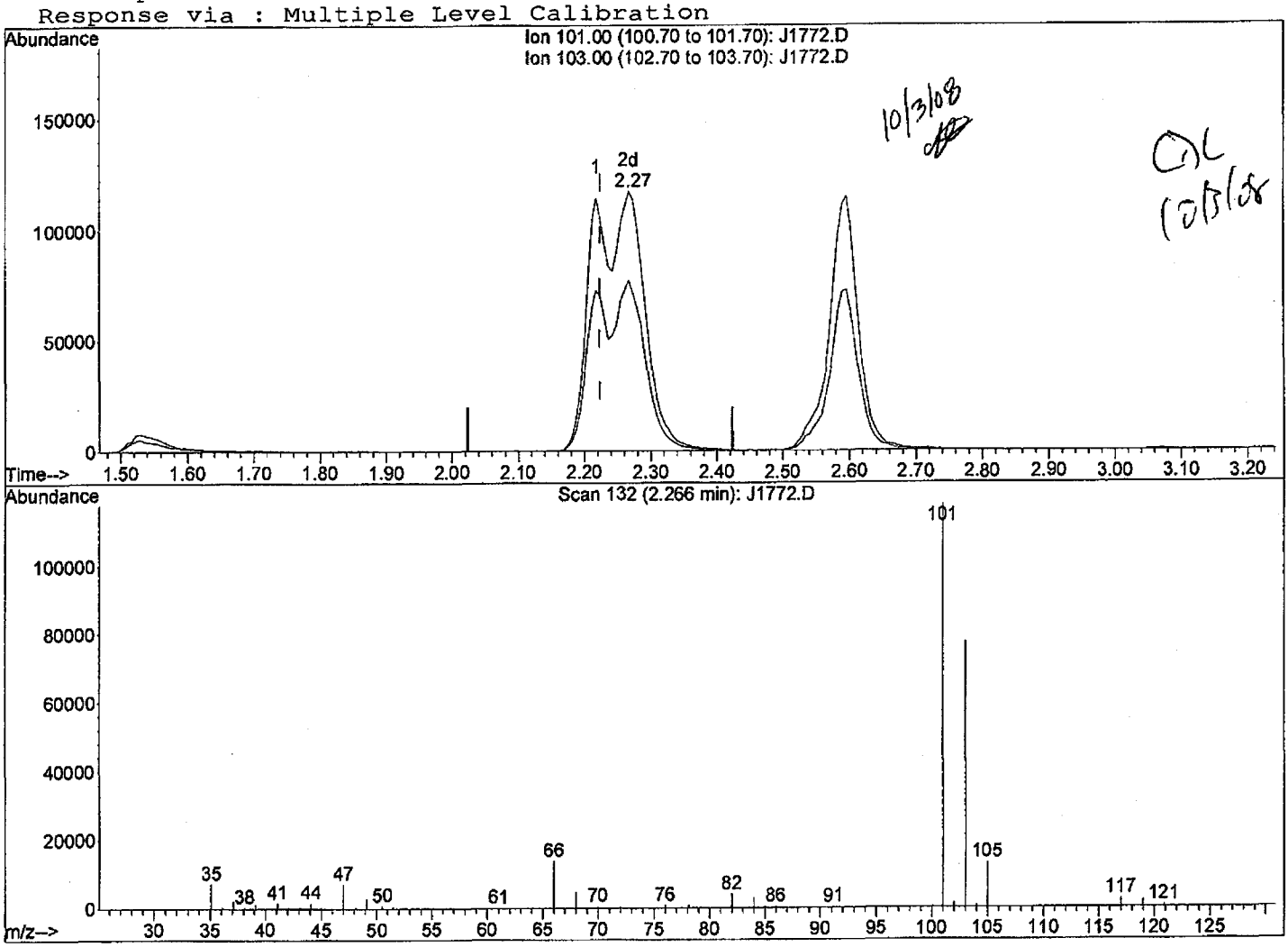
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.62
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1772.D
Acq On : 3 Oct 2008 16:07
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:09 2008

Vial: 7
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration



TIC: J1772.D

(7) C275 Trichlorofluoromethane (T)

2.27min (+0.043) 244.99ng m

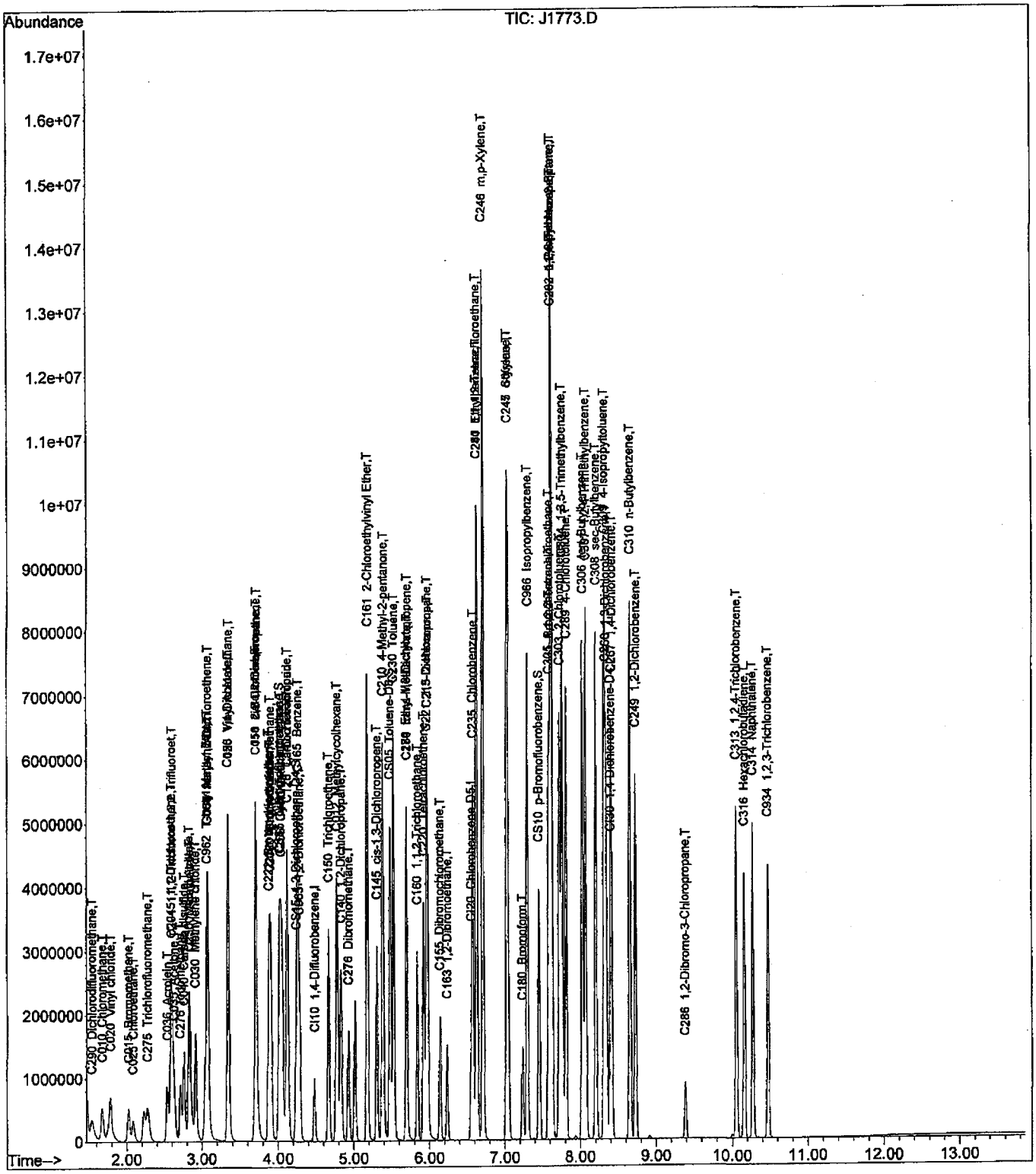
response 629367

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	65.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1773.D Vial: 8
Acq On : 3 Oct 2008 16:30 Operator: LH/MF
Sample : VSTD100 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 17:00:02 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1773.D Vial: 8
Acq On : 3 Oct 2008 16:30 Operator: LH/MF
Sample : VSTD100 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 17:00:02 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.49	114	728722	125.00	ng		0.00 106.62%
43) CI20	Chlorobenzene-D5	6.55	117	671865	125.00	ng		0.00 105.18%
62) CI30	1,4-Dichlorobenzene-	8.39	152	369214	125.00	ng		0.00 104.83%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.02	111	763732	524.17	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	419.34%#		
31) CS15	1,2-Dichloroethane-D	4.24	65	1033777	520.02	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	416.02%#		
44) CS05	Toluene-D8	5.48	98	3141434	504.42	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	403.54%#		
61) CS10	p-Bromofluorobenzene	7.46	174	1058038	516.39	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	413.11%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.54	85	705986	488.57	ng		97
3) C010	Chloromethane	1.68	50	718458	484.13	ng		100
4) C020	Vinyl chloride	1.78	62	813737	489.11	ng		97
5) C015	Bromomethane	2.02	94	421899	487.87	ng		100
6) C025	Chloroethane	2.08	64	377923	486.99	ng		100
7) C275	Trichlorofluorometha	2.27	101	1264023m	485.96	ng		99
8) C045	1,1-Dichloroethene	2.59	96	638318	473.68	ng	#	87
9) C030	Methylene chloride	2.91	84	764089	397.89	ng		88
10) C040	Carbon disulfide	2.76	76	2101999	468.84	ng		98
11) C036	Acrolein	2.53	56	801345	7389.04	ng		98
12) C038	Acrylonitrile	3.08	53	1110338	2317.26	ng		97
13) C035	Acetone	2.63	43	928569	2247.59	ng		94
14) C300	Acetonitrile	2.83	41	2725783	18281.80	ng		100
15) C276	Iodomethane	2.71	142	1027158	474.49	ng		95
16) C291	1,1,2 Trichloro-1,2,	2.60	101	715650	474.13	ng		94
17) C962	T-butyl Methyl Ether	3.06	73	2432740	476.94	ng		98
18) C057	trans-1,2-Dichloroet	3.07	96	752914	468.54	ng		98
19) C255	Methyl Acetate	2.82	43	786165	443.24	ng		99
20) C050	1,1-Dichloroethane	3.35	63	1320140	462.78	ng		96
21) C125	Vinyl Acetate	3.35	43	5359728	2320.14	ng		95
22) C051	2,2-Dichloropropane	3.71	77	1472768	499.29	ng	#	38
23) C056	cis-1,2-Dichloroethe	3.71	96	1035173	471.77	ng		94
24) C272	Tetrahydrofuran	3.89	42	1213568	2374.55	ng		98
25) C222	Bromochloromethane	3.88	128	496928	479.29	ng		98
26) C060	Chloroform	3.91	83	1752436	480.71	ng		95
27) C115	1,1,1-Trichloroethan	4.02	97	1623833	491.27	ng		93
28) C120	Carbon tetrachloride	4.13	117	1338049	524.65	ng		97
29) C116	1,1-Dichloropropene	4.11	75	1341578	470.37	ng		97
32) C165	Benzene	4.26	78	4009603	447.89	ng		100
33) C065	1,2-Dichloroethane	4.28	62	1373991	475.48	ng		99
34) C110	2-Butanone	3.71	43	1832285	2293.62	ng		95
35) C256	Cyclohexane	4.05	56	1636017	473.65	ng	#	77
36) C150	Trichloroethene	4.67	95	1025350	482.18	ng		96
37) C140	1,2-Dichloropropane	4.83	63	992791	485.54	ng		100
38) C278	Dibromomethane	4.93	93	588636	488.47	ng		98

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1773.D Vial: 8
Acq On : 3 Oct 2008 16:30 Operator: LH/MF
Sample : VSTD100 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 17:00:02 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	1752436	480.71	ng		94
40) C161	2-Chloroethylviny1 E	5.18	63	3030017	2326.72	ng	#	87
41) C012	Methylcycolhexane	4.78	83	1898476	484.30	ng	#	82
42) C145	cis-1,3-Dichloroprop	5.31	75	1655492	519.46	ng		94
45) C230	Toluene	5.53	92	2630570	462.78	ng		98
46) C170	trans-1,3-Dichloropr	5.69	75	1556020	532.41	ng		93
47) C284	Ethyl Methacrylate	5.70	69	1377873	515.13	ng	#	70
48) C160	1,1,2-Trichloroethan	5.84	83	744567	488.43	ng		94
49) C210	4-Methy1-2-pentanone	5.39	43	3942295	2379.80	ng	#	82
50) C220	Tetrachloroethene	5.92	166	1049126	473.66	ng		99
51) C221	1,3-Dichloropropane	5.96	76	1569431	473.20	ng		99
52) C155	Dibromochloromethane	6.14	129	1020804	578.53	ng		100
53) C163	1,2-Dibromoethane	6.24	107	966753	500.56	ng		99
54) C215	2-Hexanone	5.97	43	2835727	2389.96	ng	#	83
55) C235	Chlorobenzene	6.58	112	2872141	472.22	ng		94
56) C281	1,1,1,2-Tetrachloroe	6.63	131	980317	517.81	ng	#	86
57) C240	Ethylbenzene	6.63	91	4939616	458.60	ng		98
58) C246	m,p-Xylene	6.71	106	3943239	893.25	ng		99
59) C247	o-Xylene	7.03	106	2013342	464.70	ng		98
60) C245	Styrene	7.04	104	3366187	490.25	ng		88
63) C180	Bromoform	7.24	173	656370	629.24	ng		95
64) C966	Isopropylbenzene	7.30	105	5326683	477.01	ng		98
65) C301	Bromobenzene	7.59	156	1236221	470.80	ng	#	73
66) C225	1,1,2,2-Tetrachloroe	7.58	83	1207972	487.30	ng		98
67) C282	1,2,3-Trichloropropa	7.63	110	380849	440.44	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	1509000	2706.59	ng	#	69
69) C302	n-Propylbenzene	7.63	91	6123455	456.37	ng		100
70) C303	2-Chlorotoluene	7.73	126	1278038	480.95	ng		100
71) C289	4-Chlorotoluene	7.81	126	1344645	482.99	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	4734125	472.21	ng		97
73) C306	tert-Butylbenzene	8.03	134	950564	483.73	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	4811640	469.91	ng		98
75) C308	sec-Butylbenzene	8.20	105	5616428	479.39	ng		97
76) C260	1,3-Dichlorobenzene	8.34	146	2406325	466.62	ng		98
77) C309	4-Isopropyltoluene	8.31	119	4940900	474.48	ng		97
78) C267	1,4-Dichlorobenzene	8.41	146	2482687	462.75	ng		96
79) C249	1,2-Dichlorobenzene	8.73	146	2329885	470.82	ng		97
80) C310	n-Butylbenzene	8.66	91	4602458	486.02	ng		98
81) C286	1,2-Dibromo-3-Chloro	9.39	75	232489	579.64	ng	#	77
82) C313	1,2,4-Trichlorobenze	10.05	180	1607226	517.82	ng		99
83) C316	Hexachlorobutadiene	10.16	225	835222	483.42	ng		100
84) C314	Naphthalene	10.27	128	3848107	541.06	ng		100
85) C934	1,2,3-Trichlorobenze	10.48	180	1339811	517.03	ng		99

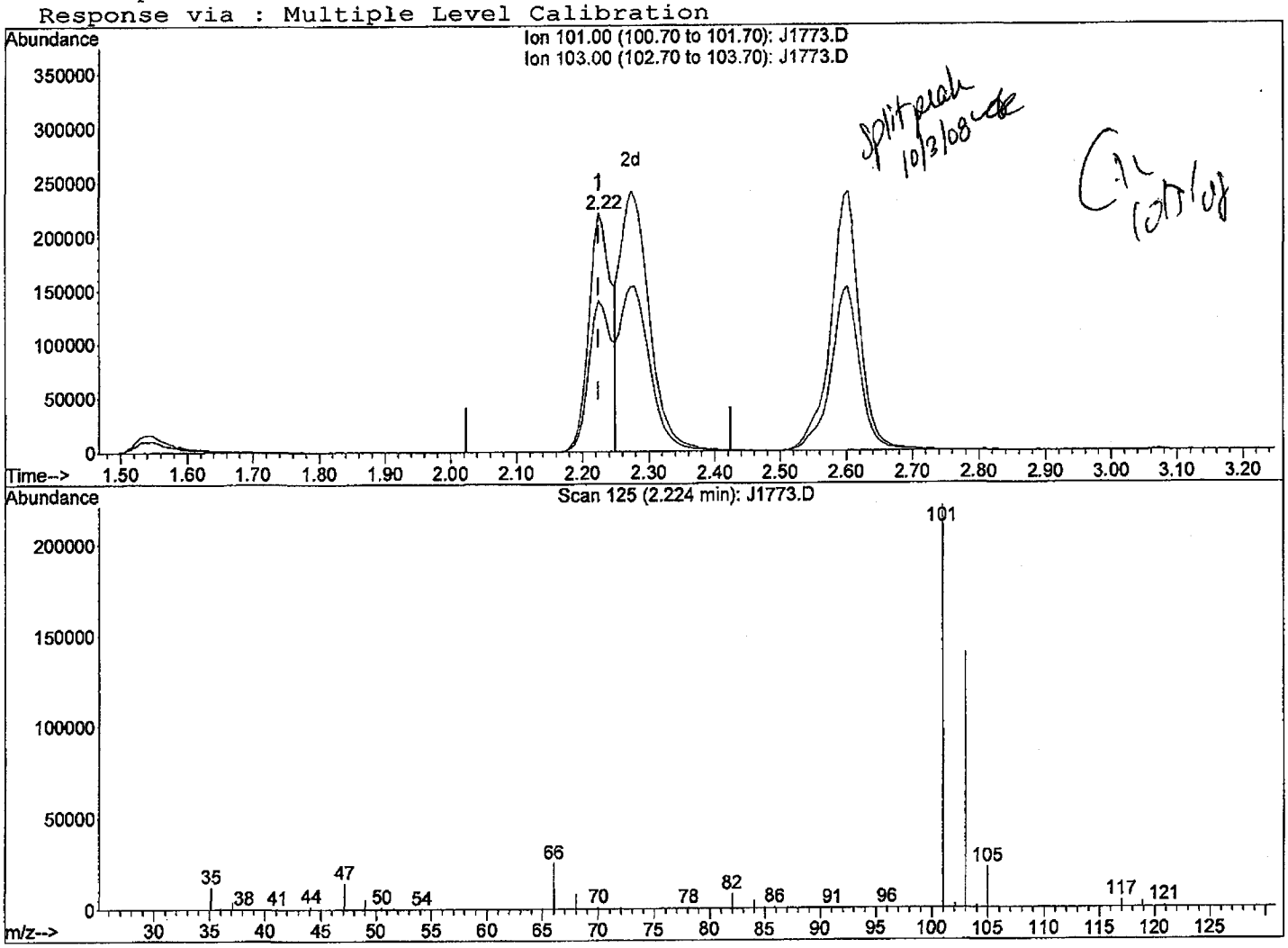
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1773.D
Acq On : 3 Oct 2008 16:30
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:14 2008

Vial: 8
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration



TIC: J1773.D

(7) C275 Trichlorofluoromethane (T)

2.22min (+0.000) 199.67ng

response 519366

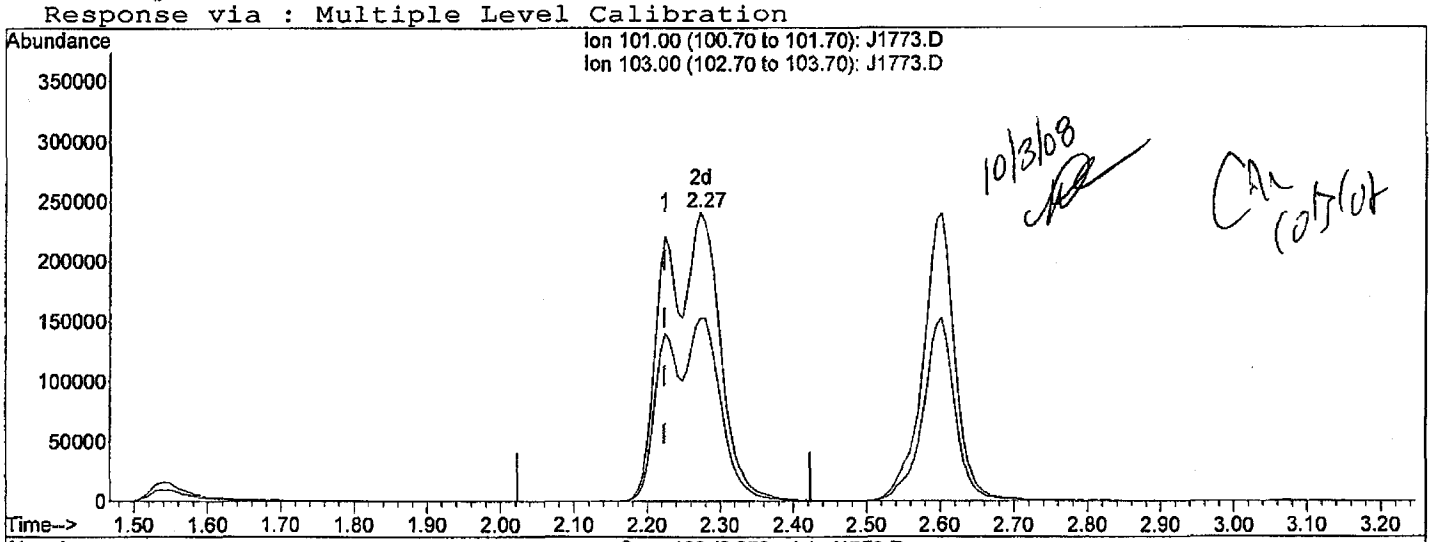
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.49
0.00	0.00	0.00
0.00	0.00	0.00

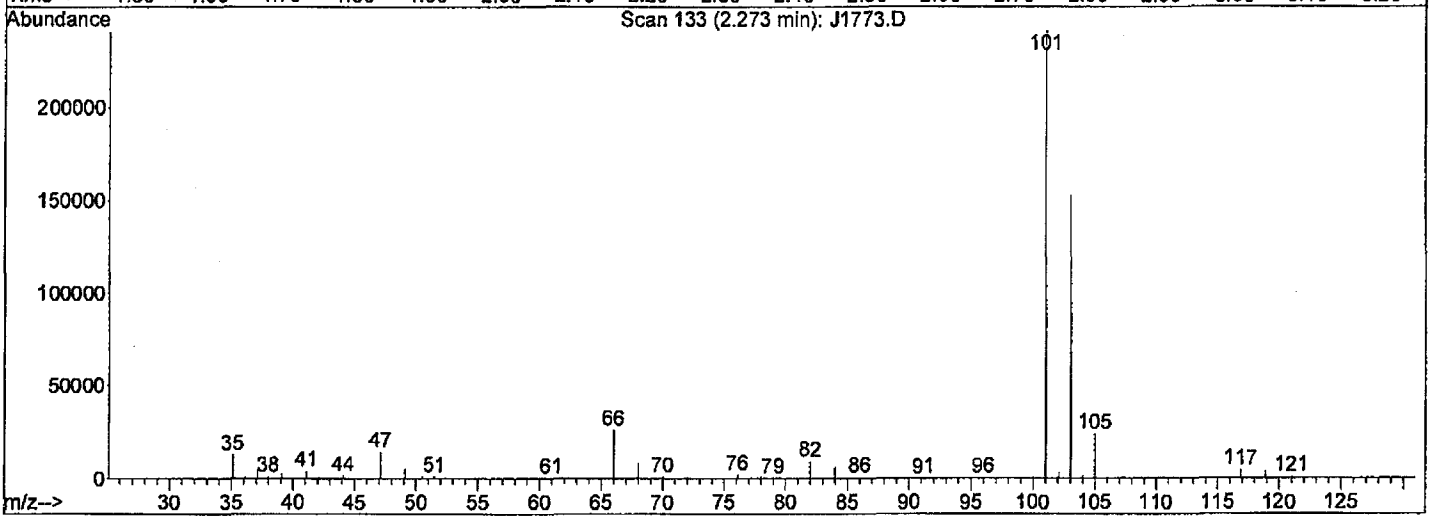
Quantitation Report (Qedit)

Data File : C:\MSDChem\1\DATA\100308\J1773.D
Acq On : 3 Oct 2008 16:30
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 16:58:14 2008

Vial: 8
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 16:54:30 2008
Response via : Multiple Level Calibration





TIC: J1773.D

(7) C275 Trichlorofluoromethane (T)

2.27min (+0.049) 485.96ng m

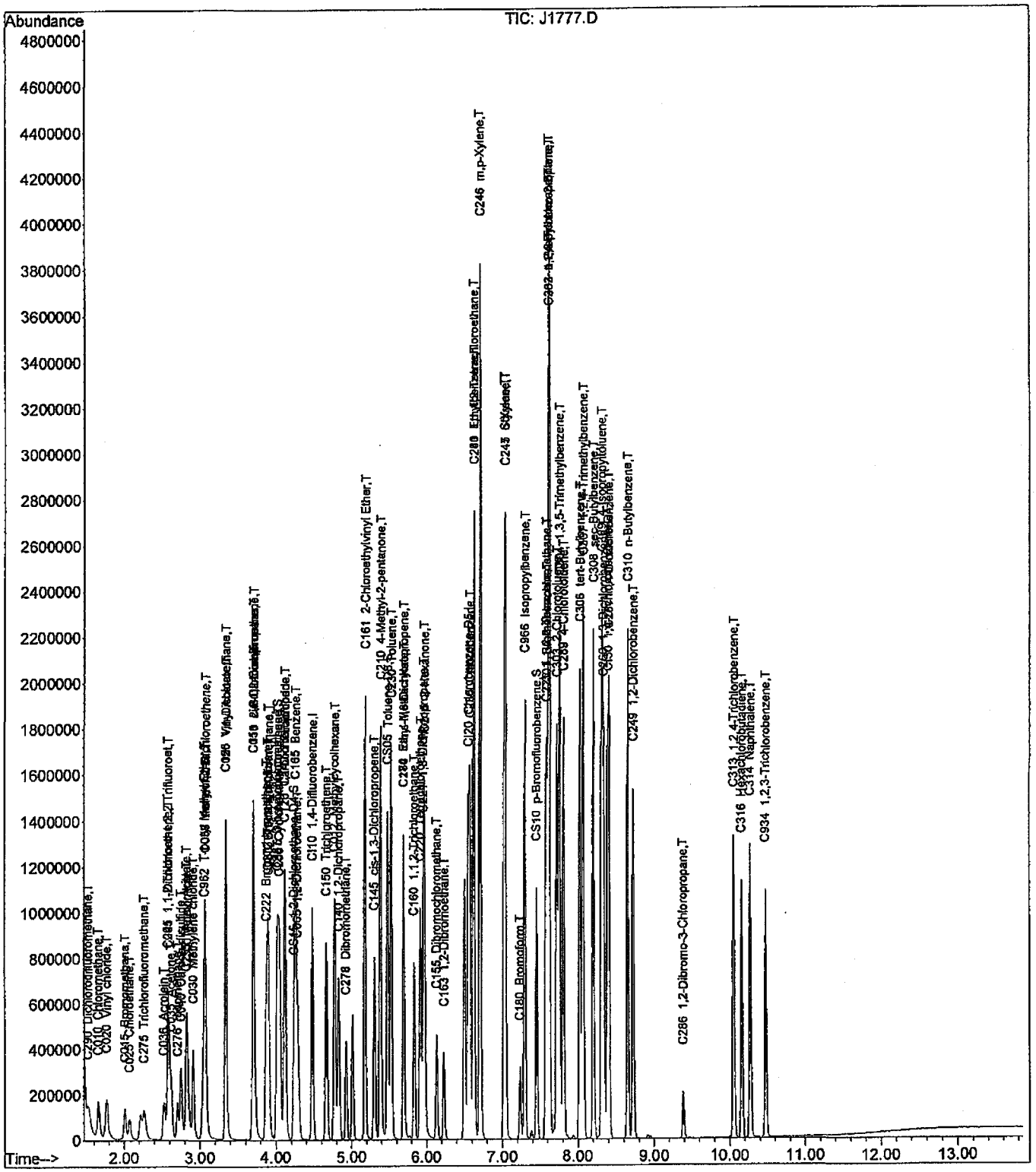
response 1264023

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 19:11:43 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:11:43 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	747435	125.00	ng		0.00 100.16%
43) CI20	Chlorobenzene-D5	6.55	117	691848	125.00	ng		0.00 101.05%
62) CI30	1,4-Dichlorobenzene-	8.39	152	379341	125.00	ng		0.00 99.95%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.01	111	205672	137.62	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	110.10%		
31) CS15	1,2-Dichloroethane-D	4.23	65	272707	133.74	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	106.99%		
44) CS05	Toluene-D8	5.48	98	879270	137.11	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	109.69%		
61) CS10	p-Bromofluorobenzene	7.45	174	284556	134.87	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	107.90%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	241022	161.69	ng		98
3) C010	Chloromethane	1.66	50	200553	132.13	ng		99
4) C020	Vinyl chloride	1.77	62	220736	129.35	ng		99
5) C015	Bromomethane	2.01	94	103312	116.48	ng		98
6) C025	Chloroethane	2.07	64	95078	119.45	ng		99
7) C275	Trichlorofluorometha	2.27	101	304364m	114.14	ng		99
8) C045	1,1-Dichloroethene	2.58	96	157362	113.85	ng	#	84
9) C030	Methylene chloride	2.91	84	183460	111.06	ng	#	87
10) C040	Carbon disulfide	2.75	76	473061	102.87	ng		99
11) C036	Acrolein	2.53	56	153015	1375.56	ng		96
12) C038	Acrylonitrile	3.07	53	275413	560.30	ng		97
13) C035	Acetone	2.63	43	228945	540.29	ng		94
14) C300	Acetonitrile	2.83	41	644325	4213.29	ng		100
15) C276	Iodomethane	2.71	142	190980	86.01	ng		94
16) C291	1,1,2 Trichloro-1,2,	2.59	101	163413	105.55	ng		95
17) C962	T-butyl Methyl Ether	3.05	73	595127	113.75	ng		97
18) C057	trans-1,2-Dichloroet	3.07	96	180679	109.62	ng		95
19) C255	Methyl Acetate	2.82	43	135183	78.67	ng		99
20) C050	1,1-Dichloroethane	3.34	63	317262	108.43	ng		97
21) C125	Vinyl Acetate	3.34	43	1439176	607.40	ng		96
22) C051	2,2-Dichloropropane	3.71	77	373724	123.53	ng	#	39
23) C056	cis-1,2-Dichloroethe	3.71	96	277417	123.26	ng		97
24) C272	Tetrahydrofuran	3.89	42	328887	627.41	ng		96
25) C222	Bromochloromethane	3.87	128	129525	121.80	ng		97
26) C060	Chloroform	3.91	83	448224	119.87	ng		96
27) C115	1,1,1-Trichloroethan	4.02	97	407605	120.23	ng		93
28) C120	Carbon tetrachloride	4.12	117	322738	123.38	ng		98
29) C116	1,1-Dichloropropene	4.11	75	353198	120.73	ng		98
32) C165	Benzene	4.25	78	1082241	117.86	ng		98
33) C065	1,2-Dichloroethane	4.28	62	351367	118.55	ng		99
34) C110	2-Butanone	3.71	43	509389	617.32	ng		96
35) C256	Cyclohexane	4.05	56	411497	116.15	ng	#	77
36) C150	Trichloroethene	4.66	95	267372	122.59	ng		96
37) C140	1,2-Dichloropropane	4.83	63	257469	122.77	ng		99
38) C278	Dibromomethane	4.92	93	152357	123.26	ng		94

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:11:43 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	448224	119.87	ng		95
40) C161	2-Chloroethylvinyl E	5.18	63	801607	600.14	ng	#	87
41) C012	Methylcycolhexane	4.77	83	482160	119.92	ng	#	83
42) C145	cis-1,3-Dichloroprop	5.30	75	419380	128.30	ng		95
45) C230	Toluene	5.53	92	698278	119.29	ng		99
46) C170	trans-1,3-Dichloropr	5.69	75	384420	127.73	ng		91
47) C284	Ethyl Methacrylate	5.70	69	345941	125.56	ng	#	72
48) C160	1,1,2-Trichloroethan	5.83	83	198927	126.73	ng		96
49) C210	4-Methyl-2-pentanone	5.38	43	1110902	651.24	ng	#	83
50) C220	Tetrachloroethene	5.92	166	277936	121.86	ng		99
51) C221	1,3-Dichloropropane	5.95	76	418581	122.56	ng		100
52) C155	Dibromochloromethane	6.14	129	231155	117.69	ng		98
53) C163	1,2-Dibromoethane	6.24	107	250154	125.78	ng		100
54) C215	2-Hexanone	5.97	43	797525	652.71	ng	#	87
55) C235	Chlorobenzene	6.57	112	760483	121.42	ng		94
56) C281	1,1,1,2-Tetrachloroe	6.63	131	246514	126.45	ng		87
57) C240	Ethylbenzene	6.63	91	1332212	120.11	ng		98
58) C246	m,p-Xylene	6.71	106	1105395	243.17	ng		96
59) C247	o-Xylene	7.03	106	545038	122.17	ng		95
60) C245	Styrene	7.04	104	897574	126.95	ng		94
63) C180	Bromoform	7.23	173	140706	118.32	ng		97
64) C966	Isopropylbenzene	7.30	105	1293252	112.72	ng		99
65) C301	Bromobenzene	7.59	156	332668	123.31	ng	#	73
66) C225	1,1,2,2-Tetrachloroe	7.58	83	337773	132.62	ng		97
67) C282	1,2,3-Trichloropropa	7.62	110	97198	109.41	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	376354	657.02	ng	#	67
69) C302	n-Propylbenzene	7.63	91	1711901	124.18	ng		99
70) C303	2-Chlorotoluene	7.72	126	344787	126.29	ng		100
71) C289	4-Chlorotoluene	7.81	126	354377	123.89	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	1259482	122.27	ng		98
73) C306	tert-Butylbenzene	8.03	134	252816	125.22	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	1294368	123.04	ng		100
75) C308	sec-Butylbenzene	8.20	105	1624444	134.95	ng		96
76) C260	1,3-Dichlorobenzene	8.34	146	653120	123.27	ng		99
77) C309	4-Isopropyltoluene	8.31	119	1307911	122.25	ng		96
78) C267	1,4-Dichlorobenzene	8.41	146	671399	121.80	ng		95
79) C249	1,2-Dichlorobenzene	8.73	146	626766	123.27	ng		98
80) C310	n-Butylbenzene	8.66	91	1227293	126.14	ng		98
81) C286	1,2-Dibromo-3-Chloro	9.39	75	51283	124.44	ng	#	76
82) C313	1,2,4-Trichlorobenze	10.06	180	414549	130.00	ng		99
83) C316	Hexachlorobutadiene	10.16	225	224135	126.26	ng		100
84) C314	Naphthalene	10.27	128	963861	131.90	ng		100
85) C934	1,2,3-Trichlorobenze	10.47	180	342358	128.59	ng		98

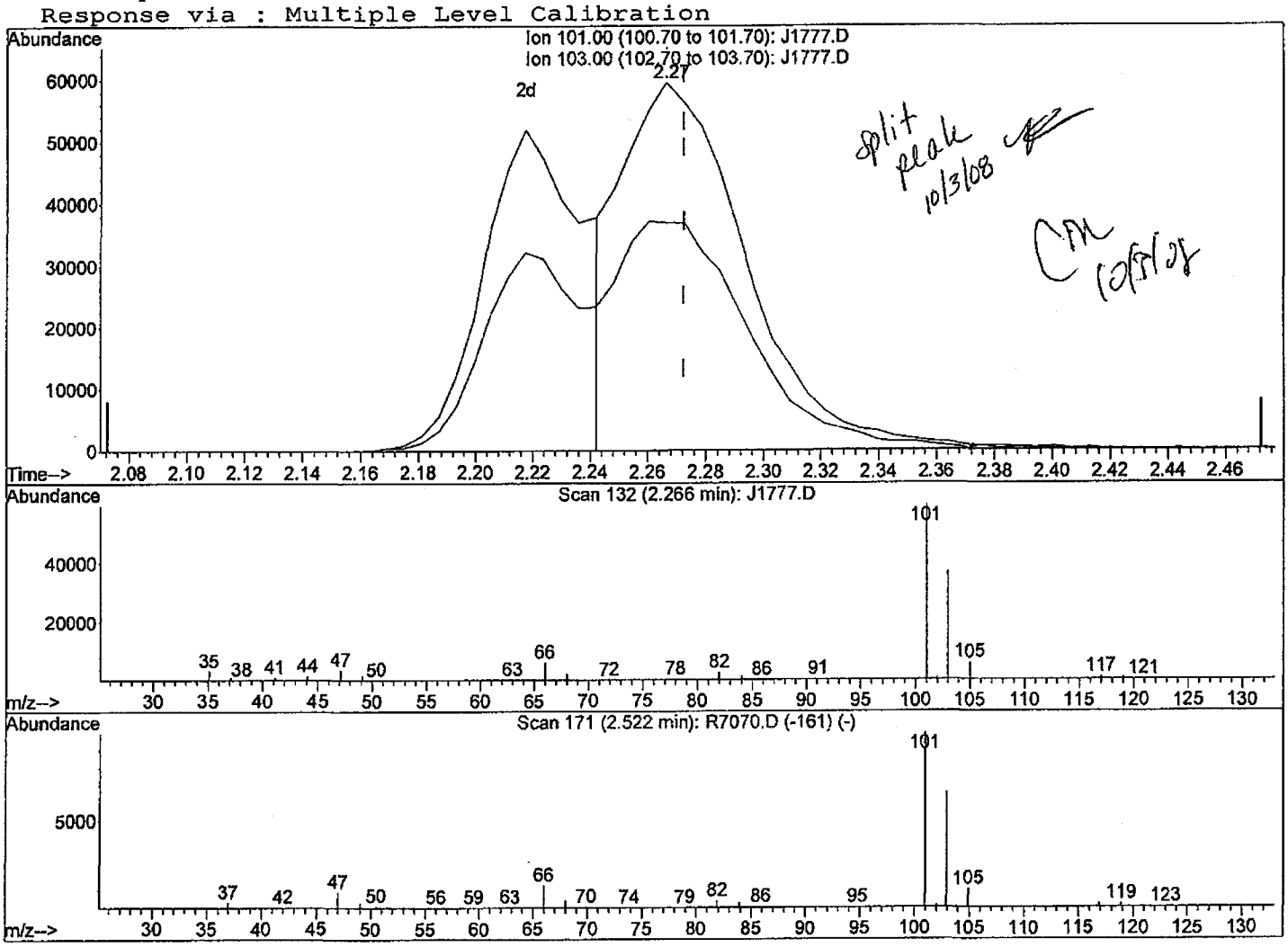
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D
Acq On : 3 Oct 2008 18:37
Sample : MSB/SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:06:21 2008

Vial: 12
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Multiple Level Calibration



TIC: J1777.D

(7) C275 Trichlorofluoromethane (T)

2.27min (-0.006) 67.21ng

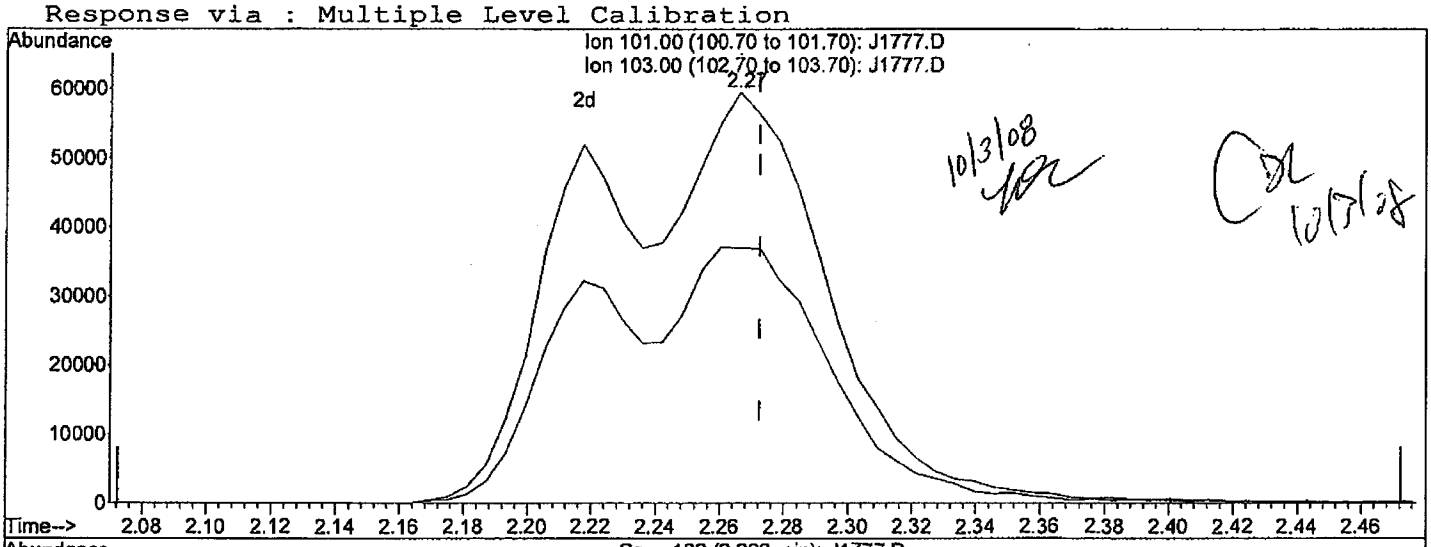
response 179214

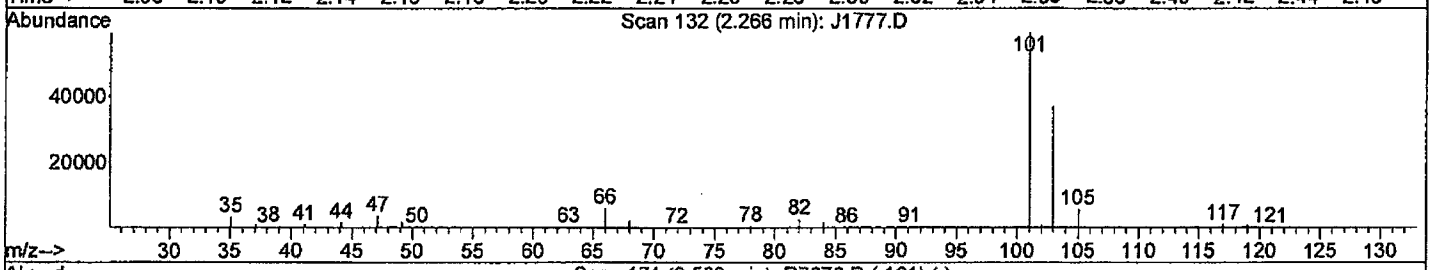
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.04
0.00	0.00	0.00
0.00	0.00	0.00

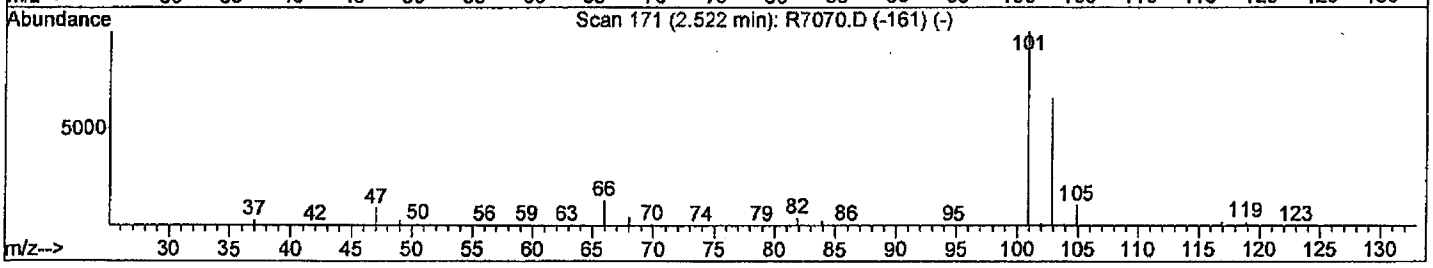
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:06:21 2008

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Multiple Level Calibration







TIC: J1777.D

(7) C275 Trichlorofluoromethane (T)

2.27min (-0.006) 114.14ng m

response 304364

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.04
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000718-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973P Calibration Dates(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Calibration Times: 13:31 15:22

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = P1431.RR RRF10 = P1432.RR
RRF25 = P1433.RR RRF50 = P1434.RR RRF100 = P1435.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.412	0.352	0.371	0.360	0.348	0.3690	7.000
Bromomethane	0.151	0.117	0.117	0.115	0.135	0.1270	12.400
Vinyl chloride	0.316	0.322	0.333	0.320	0.307	0.3190	2.900
Chloroethane	0.219	0.181	0.184	0.180	0.181	0.1890	8.800
Methylene chloride	0.772	0.438	0.424	0.400	0.387	0.4840	33.500
Acetone	0.144	0.142	0.143	0.135	0.128	0.1380	5.000
Carbon Disulfide	1.095	1.122	1.132	1.034	0.988	1.0740	5.700
1,1-Dichloroethene	0.312	0.354	0.357	0.334	0.316	0.3350	6.300
1,1-Dichloroethane	0.657	0.702	0.687	0.642	0.618	0.6610	5.100
cis-1,2-Dichloroethene	0.414	0.412	0.412	0.387	0.373	0.4000	4.700
trans-1,2-Dichloroethene	0.364	0.387	0.380	0.362	0.342	0.3670	4.800
Chloroform	0.635	0.637	0.629	0.591	0.566	0.6110	5.100
1,2-Dichloroethane	0.508	0.539	0.542	0.519	0.496	0.5210	3.800
2-Butanone	0.222	0.226	0.238	0.230	0.220	0.2270	3.000
1,1,1-Trichloroethane	0.492	0.570	0.589	0.562	0.550	0.5530	6.700
Carbon Tetrachloride	0.367	0.439	0.464	0.448	0.447	0.4330	8.800
Bromodichloromethane	0.383	0.429	0.464	0.456	0.454	0.4370	7.500
1,2-Dichloropropane	0.361	0.387	0.390	0.368	0.347	0.3710	4.800
cis-1,3-Dichloropropene	0.480	0.552	0.589	0.570	0.557	0.5500	7.500
Trichloroethene	0.333	0.370	0.380	0.360	0.346	0.3580	5.200
Dibromochloromethane	0.281	0.327	0.365	0.383	0.386	0.3480	12.700
1,1,2-Trichloroethane	0.291	0.303	0.309	0.301	0.288	0.2980	3.000
Benzene	1.330	1.422	1.423	1.337	1.268	1.3560	4.900
trans-1,3-Dichloropropene	0.464	0.552	0.583	0.585	0.562	0.5490	9.000
Bromoform	0.327	0.394	0.458	0.496	0.510	0.4370	17.400
4-Methyl-2-pentanone	0.539	0.515	0.519	0.488	0.437	0.5000	7.900
2-Hexanone	0.360	0.367	0.371	0.346	0.296	0.3480	8.800
Tetrachloroethene	0.331	0.372	0.368	0.339	0.307	0.3430	7.900
1,1,2,2-Tetrachloroethane	0.896	1.032	1.052	1.030	0.984	0.9990	6.300
Toluene	0.927	0.984	0.983	0.938	0.887	0.9440	4.400
Chlorobenzene	0.998	1.048	1.075	1.038	0.979	1.0270	3.700
Ethylbenzene	1.731	1.806	1.815	1.712	1.598	1.7320	5.100
Styrene	1.030	1.153	1.140	1.085	0.982	1.0780	6.700
Total Xylenes	0.657	0.697	0.697	0.653	0.600	0.6610	6.100
1,1,2-Trichloro-1,2,2-trifl	0.292	0.333	0.339	0.311	0.296	0.3140	6.800
1,2,4-Trichlorobenzene	1.068	1.194	1.216	1.175	1.088	1.1480	5.800
1,2-Dibromo-3-chloropropane	0.192	0.221	0.242	0.255	0.253	0.2320	11.400

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000718-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973P Calibration Dates(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Calibration Times: 13:31 15:22

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF1 = P1431.RR RRF10 = P1432.RR
RRF25 = P1433.RR RRF50 = P1434.RR RRF100 = P1435.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.355	0.382	0.395	0.390	0.378	0.3800	4.100
1,2-Dichlorobenzene	1.492	1.654	1.643	1.604	1.493	1.5770	5.000
1,3-Dichlorobenzene	1.520	1.613	1.588	1.536	1.421	1.5360	4.800
1,4-Dichlorobenzene	1.616	1.650	1.645	1.600	1.493	1.6010	4.000
Cyclohexane	0.604	0.678	0.693	0.639	0.618	0.6470	5.900
Dichlorodifluoromethane	0.294	0.320	0.331	0.316	0.296	0.3110	5.100
Methyl acetate	0.669	0.645	0.643	0.609	0.600	0.6330	4.500
Trichlorofluoromethane	0.537	0.561	0.590	0.570	0.545	0.5600	3.800
Methyl-t-Butyl Ether (MTBE)	1.073	1.107	1.138	1.080	1.045	1.0880	3.200
Isopropylbenzene	2.896	3.231	3.224	3.119	2.868	3.0670	5.700
Methylcyclohexane	0.468	0.515	0.520	0.472	0.449	0.4850	6.400
Toluene-D8	1.146	1.202	1.314	1.288	1.157	1.2210	6.200
p-Bromofluorobenzene	0.390	0.383	0.411	0.407	0.371	0.3930	4.200
1,2-Dichloroethane-D4	0.352	0.378	0.396	0.389	0.374	0.3780	4.500

Comments:

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:59:04 2008
Response via : Initial Calibration

8260 A8I-0718

Calibration Files
1 =P1431.D 2 =P1432.D 3 =P1433.D
4 =P1434.D 5 =P1435.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD						
2)	T	C290	Dichlorodifluor	0.294	0.320	0.335	0.316	0.295	0.312	5.59
3)	T	C010	Chloromethane	0.412	0.352	0.371	0.359	0.348	0.369	7.01
4)	T	C020	Vinyl chloride	0.316	0.322	0.333	0.319	0.307	0.319	2.93
5)	T	C015	Bromomethane	0.151	0.117	0.117	0.115	0.135	0.127	12.42
6)	T	C025	Chloroethane	0.219	0.181	0.185	0.180	0.181	0.189	8.80
7)	T	C275	Trichlorofluoro	0.537	0.561	0.590	0.569	0.545	0.560	3.77
8)	T	C045	1,1-Dichloroeth	0.312	0.354	0.358	0.334	0.316	0.335	6.35
9)	T	C030	Methylene chlor	0.772	0.438	0.424	0.400	0.387	-----	
								L	M= 0.381	R^2=1.000
									B= 0.030	
10)	T	C040	Carbon disulfid	1.095	1.122	1.133	1.034	0.988	1.074	5.75
11)	T	C036	Acrolein	0.068	0.064	0.067	0.065	0.064	0.066	2.93
12)	T	C038	Acrylonitrile	0.178	0.196	0.199	0.191	0.183	0.189	4.67
13)	T	C035	Acetone	0.144	0.142	0.143	0.135	0.127	0.138	4.98
14)	T	C300	Acetonitrile	0.077	0.075	0.077	0.072	0.066	0.073	6.14
15)	T	C276	Iodomethane	0.565	0.583	0.604	0.565	0.554	0.574	3.45
16)	T	C291	1,1,2 Trichloro	0.292	0.333	0.339	0.311	0.296	0.314	6.80
17)	T	C962	T-butyl Methyl	1.073	1.106	1.138	1.080	1.045	1.089	3.25
18)	T	C057	trans-1,2-Dichl	0.364	0.387	0.380	0.362	0.342	0.367	4.76
19)	T	C255	Methyl Acetate	0.669	0.645	0.643	0.609	0.599	0.633	4.50
20)	T	C050	1,1-Dichloroeth	0.657	0.702	0.687	0.642	0.618	0.661	5.14
21)	T	C125	Vinyl Acetate	0.679	0.740	0.767	0.714	0.633	0.707	7.43
22)	T	C051	2,2-Dichloropro	0.503	0.558	0.566	0.530	0.506	0.533	5.40
23)	T	C056	cis-1,2-Dichlor	0.414	0.412	0.412	0.387	0.372	0.400	4.71
24)	T	C272	Tetrahydrofuran	0.163	0.159	0.156	0.150	0.137	0.153	6.50
25)	T	C222	Bromochlorometh	0.180	0.189	0.196	0.189	0.183	0.188	3.31
26)	T	C060	Chloroform	0.635	0.636	0.629	0.591	0.566	0.611	5.13
27)	T	C115	1,1,1-Trichloro	0.492	0.570	0.589	0.562	0.550	0.553	6.68
28)	T	C120	Carbon tetrachl	0.367	0.439	0.464	0.448	0.447	0.433	8.79
29)	T	C116	1,1-Dichloropro	0.414	0.472	0.470	0.447	0.430	0.446	5.65
30)	S	CS87	Dibromofluorome	0.274	0.300	0.323	0.320	0.303	0.304	6.49
31)	S	CS15	1,2-Dichloroeth	0.352	0.378	0.396	0.389	0.374	0.378	4.48
32)	T	C165	Benzene	1.330	1.422	1.424	1.337	1.268	1.356	4.91
33)	T	C065	1,2-Dichloroeth	0.508	0.539	0.542	0.519	0.496	0.521	3.85
34)	T	C110	2-Butanone	0.222	0.226	0.238	0.229	0.220	0.227	3.06
35)	T	C256	Cyclohexane	0.604	0.678	0.694	0.639	0.618	0.647	5.96
36)	T	C150	Trichloroethene	0.333	0.369	0.380	0.360	0.346	0.358	5.19
37)	T	C140	1,2-Dichloropro	0.361	0.387	0.390	0.368	0.347	0.371	4.83
38)	T	C278	Dibromomethane	0.217	0.242	0.248	0.239	0.232	0.236	5.08
39)	T	C130	Bromodichlorome	0.383	0.429	0.464	0.456	0.454	0.437	7.54
40)	T	C161	2-Chloroethylvi	0.268	0.279	0.288	0.267	0.239	0.268	6.90
41)	T	C012	Methylcycolhexa	0.468	0.515	0.521	0.472	0.449	0.485	6.43
42)	T	C145	cis-1,3-Dichlor	0.480	0.552	0.589	0.570	0.557	0.550	7.53
43)	I	CI20	Chlorobenzene-D	ISTD						
44)	S	CS05	Toluene-D8	1.146	1.202	1.314	1.288	1.157	1.221	6.25
45)	T	C230	Toluene	0.927	0.984	0.983	0.938	0.887	0.944	4.35
46)	T	C170	trans-1,3-Dichl	0.464	0.552	0.583	0.585	0.562	0.549	9.02
47)	T	C284	Ethyl Methacryl	0.505	0.526	0.550	0.540	0.511	0.526	3.61
48)	T	C160	1,1,2-Trichloro	0.291	0.303	0.309	0.301	0.288	0.298	3.01

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:59:04 2008
Response via : Initial Calibration

Calibration Files
1 =P1431.D 2 =P1432.D 3 =P1433.D
4 =P1434.D 5 =P1435.D

		Compound		1	2	3	4	5	Avg	%RSD
49)	T	C210	4-Methyl-2-pent	0.539	0.515	0.519	0.488	0.437	0.500	7.92
50)	T	C220	Tetrachloroethe	0.331	0.372	0.368	0.339	0.307	0.343	7.93
51)	T	C221	1,3-Dichloropro	0.592	0.605	0.602	0.574	0.518	0.578	6.20
52)	T	C155	Dibromochlorome	0.281	0.327	0.365	0.383	0.386	0.348	12.71
53)	T	C163	1,2-Dibromoetha	0.355	0.382	0.395	0.390	0.378	0.380	4.14
54)	T	C215	2-Hexanone	0.360	0.367	0.371	0.346	0.296	0.348	8.78
55)	T	C235	Chlorobenzene	0.998	1.048	1.074	1.038	0.979	1.027	3.74
56)	T	C281	1,1,1,2-Tetrach	0.311	0.356	0.369	0.360	0.344	0.348	6.45
57)	T	C240	Ethylbenzene	1.731	1.806	1.814	1.712	1.598	1.732	5.06
58)	T	C246	m,p-Xylene	0.653	0.679	0.676	0.637	0.585	0.646	5.95
59)	T	C247	o-Xylene	0.657	0.697	0.697	0.653	0.600	0.661	6.07
60)	T	C245	Styrene	1.030	1.152	1.140	1.085	0.982	1.078	6.72
61)	S	CS10	p-Bromofluorobe	0.390	0.383	0.411	0.407	0.371	0.393	4.23
62)	I	CI30	1,4-Dichloroben	----------			ISTD	----------		
63)	T	C180	Bromoform	0.327	0.394	0.458	0.496	0.510	-----	
								L	M= 0.518	R^2=0.999
									B= -0.042	
64)	T	C966	Isopropylbenzen	2.896	3.231	3.224	3.119	2.868	3.067	5.71
65)	T	C301	Bromobenzene	0.753	0.836	0.832	0.816	0.761	0.800	4.96
66)	T	C225	1,1,2,2-Tetrach	0.896	1.032	1.051	1.030	0.983	0.999	6.26
67)	T	C282	1,2,3-Trichloro	0.275	0.287	0.284	0.273	0.255	0.275	4.51
68)	T	C283	t-1,4-Dichloro-	0.160	0.208	0.224	0.222	0.200	0.203	12.79
69)	T	C302	n-Propylbenzene	3.499	3.959	3.972	3.833	3.546	3.762	6.00
70)	T	C303	2-Chlorotoluene	0.726	0.824	0.836	0.809	0.753	0.790	6.03
71)	T	C289	4-Chlorotoluene	0.745	0.834	0.852	0.821	0.768	0.804	5.67
72)	T	C304	1,3,5-Trimethyl	2.429	2.750	2.739	2.651	2.464	2.607	5.82
73)	T	C306	tert-Butylbenze	0.478	0.553	0.557	0.540	0.496	0.525	6.82
74)	T	C307	1,2,4-Trimethyl	2.555	2.783	2.811	2.697	2.502	2.670	5.12
75)	T	C308	sec-Butylbenzen	2.591	3.057	3.075	2.977	2.771	2.894	7.19
76)	T	C260	1,3-Dichloroben	1.520	1.613	1.588	1.536	1.421	1.536	4.85
77)	T	C309	4-Isopropyltolu	2.471	2.785	2.796	2.699	2.499	2.650	5.88
78)	T	C267	1,4-Dichloroben	1.616	1.650	1.645	1.600	1.493	1.601	3.98
79)	T	C249	1,2-Dichloroben	1.492	1.654	1.643	1.604	1.493	1.577	5.05
80)	T	C310	n-Butylbenzene	2.201	2.589	2.569	2.472	2.297	2.426	7.04
81)	T	C286	1,2-Dibromo-3-C	0.192	0.221	0.242	0.255	0.253	0.232	11.41
82)	T	C313	1,2,4-Trichloro	1.068	1.194	1.216	1.175	1.088	1.148	5.78
83)	T	C316	Hexachlorobutad	0.396	0.415	0.417	0.400	0.375	0.401	4.22
84)	T	C314	Naphthalene	3.395	3.898	3.983	3.911	3.664	3.770	6.41
85)	T	C934	1,2,3-Trichloro	1.068	1.180	1.204	1.161	1.080	1.139	5.36

Total Average %RSD 5.93□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 09/26/2008 ICC Profile Page: 1
Time: 17:41:36 Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/17/2008

Comments:

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
2 123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7 77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8 526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15 994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18 67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20 71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25 637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30 108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40 74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50 75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51 108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60 75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70 74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88 78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90 104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91 107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92 126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93 108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94 78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95 71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96 108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97 108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98 76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99 75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100 135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101 79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102 110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103 108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104 98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105 98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106 88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110 98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111 106-89-8	Epichlorohydrin	25.0000	250.0000	625.0000	1250.0000	2500.0000
112 79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114 TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120 554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121 616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128 75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130 56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140 108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145 104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150 75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160 67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170 74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180 95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190 106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200 124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
201	110-54-3	Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

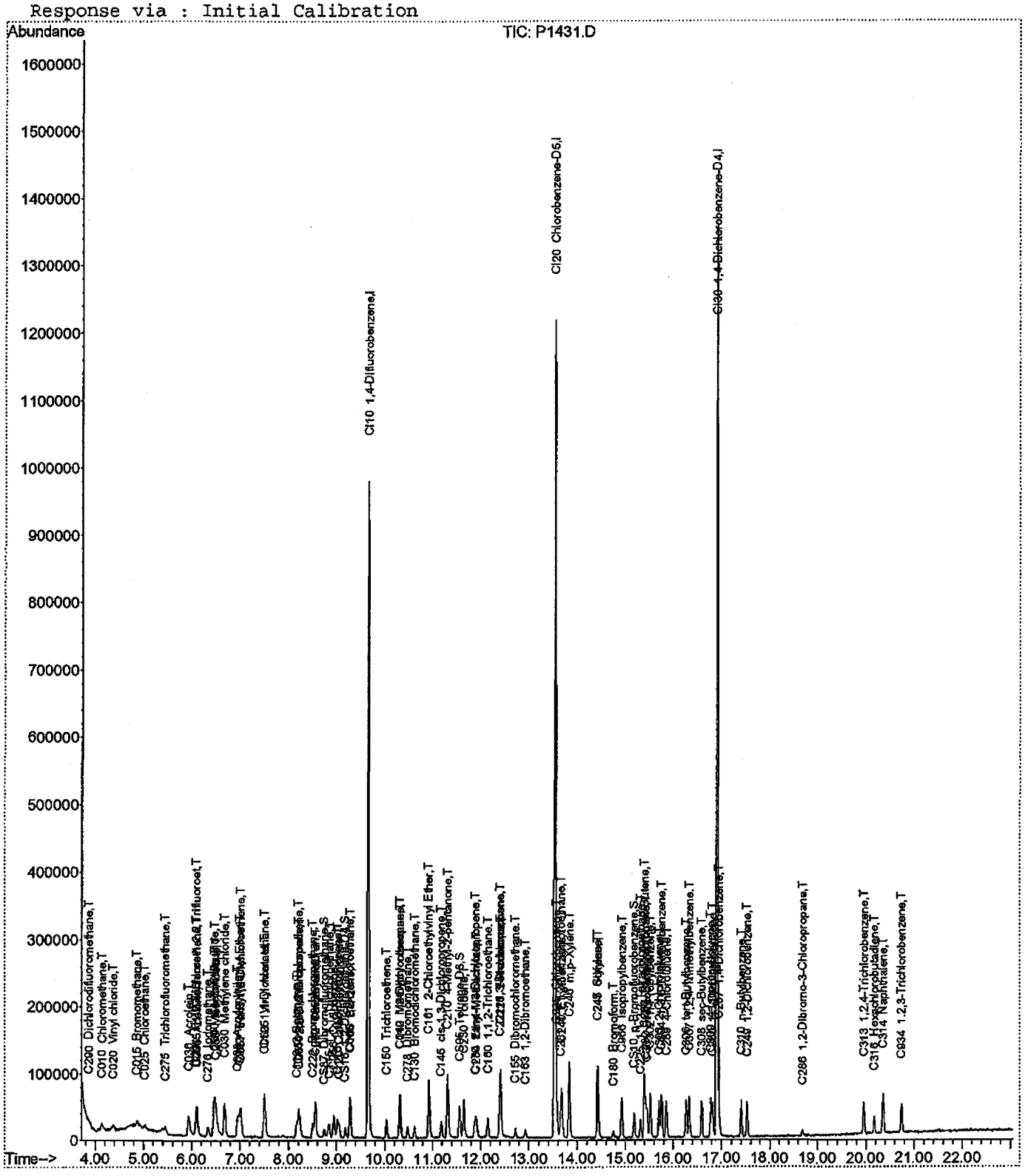
ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

			ng On Column				
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000
***	67-63-0	2-Propanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\092608\P1431.D Vial: 2
Acq On : 26 Sep 2008 13:31 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1431.D Vial: 2
Acq On : 26 Sep 2008 13:31 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:53:56 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\MSDCHEM\1\DATA\092608\P1433.D (26 Sep 2008 14:27)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	953525	125.00	ng		0.00 101.54%
43) CI20 Chlorobenzene-D5	13.54	117	864685	125.00	ng		0.00 97.74%
62) CI30 1,4-Dichlorobenzene-	16.91	152	470651	125.00	ng		0.00 99.68%
System Monitoring Compounds							
30) CS87 Dibromofluoromethane	8.74	111	10441	4.50	ng		0.00
Spiked Amount 125.000	Range 70 - 130		Recovery = 3.60%#				
31) CS15 1,2-Dichloroethane-D	9.18	65	13431	4.66	ng		0.00
Spiked Amount 125.000	Range 66 - 137		Recovery = 3.73%#				
44) CS05 Toluene-D8	11.57	98	39649	4.69	ng		0.00
Spiked Amount 125.000	Range 71 - 126		Recovery = 3.75%#				
61) CS10 p-Bromofluorobenzene	15.19	174	13500	4.97	ng		0.00
Spiked Amount 125.000	Range 73 - 120		Recovery = 3.98%#				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	3.87	85	11230	4.71	ng		87
3) C010 Chloromethane	4.14	50	15721	5.59	ng		89
4) C020 Vinyl chloride	4.37	62	12059	4.95	ng		92
5) C015 Bromomethane	4.87	94	5765	5.95	ng		96
6) C025 Chloroethane	5.02	64	8338	5.78	ng		89
7) C275 Trichlorofluorometha	5.45	101	20466m	4.79	ng		89
8) C045 1,1-Dichloroethene	6.10	96	11887	4.66	ng		91
9) C030 Methylene chloride	6.68	84	29433	7.97	ng		96
10) C040 Carbon disulfide	6.47	76	41774	5.10	ng		99
11) C036 Acrolein	5.94	56	52144	103.82	ng		87
12) C038 Acrylonitrile	6.94	53	33918	23.49	ng		98
13) C035 Acetone	6.12	43	27486	26.08	ng		100
14) C300 Acetonitrile	6.47	41	118037	211.09	ng		96
15) C276 Iodomethane	6.33	142	21546	4.92	ng		93
16) C291 1,1,2 Trichloro-1,2,	6.08	101	11126	4.64	ng		91
17) C962 T-butyl Methyl Ether	6.99	73	40919	4.93	ng	#	90
18) C057 trans-1,2-Dichloroet	7.02	96	13865	4.95	ng		91
19) C255 Methyl Acetate	6.50	43	25523	5.28	ng		93
20) C050 1,1-Dichloroethane	7.51	63	25043	4.97	ng		96
21) C125 Vinyl Acetate	7.50	43	129515	24.02	ng	#	93
22) C051 2,2-Dichloropropane	8.23	77	19196	4.72	ng		92
23) C056 cis-1,2-Dichloroethe	8.20	96	15776	5.18	ng	#	84
24) C272 Tetrahydrofuran	8.56	42	31007	26.61	ng		93
25) C222 Bromochloromethane	8.51	128	6874	4.81	ng	#	73
26) C060 Chloroform	8.55	83	24210	5.19	ng		96
27) C115 1,1,1-Trichloroethan	8.84	97	18761	4.45	ng		97
28) C120 Carbon tetrachloride	9.06	117	13995	4.24	ng		88
29) C116 1,1-Dichloropropene	9.02	75	15780	4.63	ng		94
32) C165 Benzene	9.28	78	50732	4.90	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1431.D Vial: 2
Acq On : 26 Sep 2008 13:31 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:53:56 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA

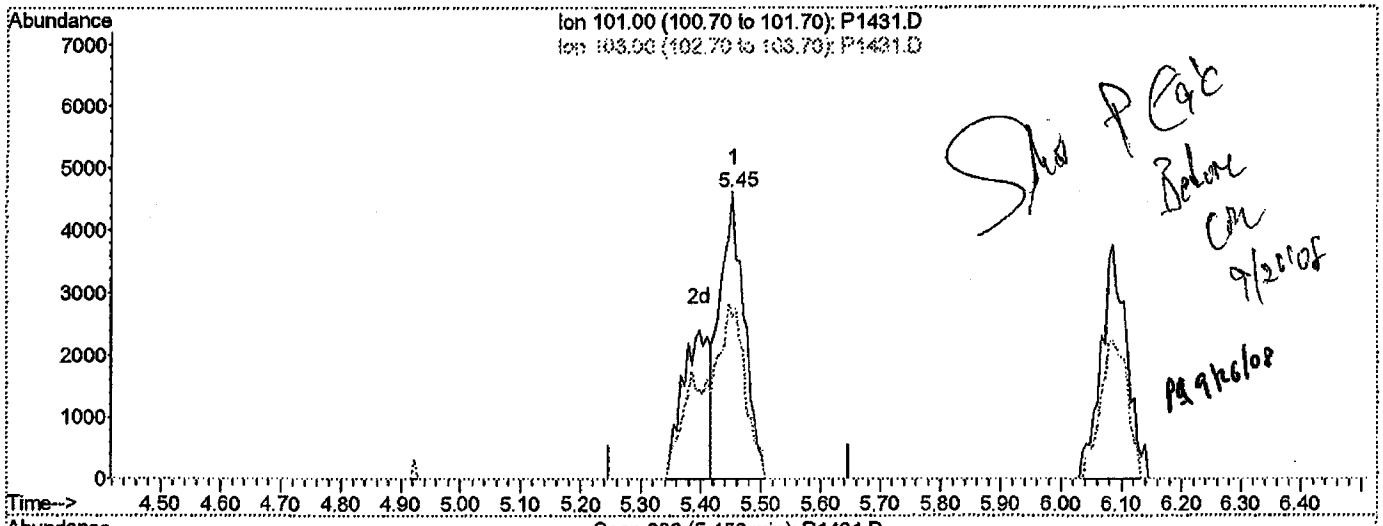
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	19363	4.88	ng		90
34)	C110	2-Butanone	8.17	43	42362	24.45	ng	#	88
35)	C256	Cyclohexane	8.94	56	23024	4.67	ng		93
36)	C150	Trichloroethene	10.03	95	12699	4.66	ng		96
37)	C140	1,2-Dichloropropane	10.32	63	13774	4.87	ng		89
38)	C278	Dibromomethane	10.48	93	8276	4.60	ng		91
39)	C130	Bromodichloromethane	10.63	83	14617	4.38	ng		98
40)	C161	2-Chloroethylvinyl E	10.92	63	51130	24.97	ng	#	90
41)	C012	Methylcycolhexane	10.32	83	17842	4.82	ng		94
42)	C145	cis-1,3-Dichloroprop	11.19	75	18316	4.37	ng		100
45)	C230	Toluene	11.66	92	32070	4.91	ng		90
46)	C170	trans-1,3-Dichloropr	11.88	75	16061	4.23	ng		99
47)	C284	Ethyl Methacrylate	11.91	69	17466	4.80	ng	#	63
48)	C160	1,1,2-Trichloroethan	12.14	83	10056	4.87	ng		86
49)	C210	4-Methyl-2-pentanone	11.32	43	93227	26.98	ng	#	85
50)	C220	Tetrachloroethene	12.41	166	11458	4.82	ng		89
51)	C221	1,3-Dichloropropane	12.39	76	20486	5.12	ng		97
52)	C155	Dibromochloromethane	12.72	129	9727	4.04	ng		92
53)	C163	1,2-Dibromoethane	12.93	107	12264	4.66	ng		89
54)	C215	2-Hexanone	12.41	43	62223	25.85	ng		97
55)	C235	Chlorobenzene	13.58	112	34520	4.86	ng		95
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	10763	4.47	ng		89
57)	C240	Ethylbenzene	13.68	91	59876	5.00	ng		97
58)	C246	m,p-Xylene	13.84	106	45164	10.10	ng		93
59)	C247	o-Xylene	14.43	106	22736	4.97	ng		95
60)	C245	Styrene	14.43	104	35621	4.78	ng		91
63)	C180	Bromoform	14.75	173	6155	3.74	ng		80
64)	C966	Isopropylbenzene	14.93	105	54520	4.72	ng		99
65)	C301	Bromobenzene	15.46	156	14179	4.71	ng	#	85
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	16867	4.49	ng		95
67)	C282	1,2,3-Trichloropropa	15.44	110	5183	5.01	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	15058	19.73	ng	#	68
69)	C302	n-Propylbenzene	15.53	91	65869	4.65	ng		87
70)	C303	2-Chlorotoluene	15.72	126	13674	4.60	ng		100
71)	C289	4-Chlorotoluene	15.86	126	14022	4.63	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	45726	4.66	ng	#	41
73)	C306	tert-Butylbenzene	16.27	134	8993	4.55	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	48106	4.79	ng		93
75)	C308	sec-Butylbenzene	16.59	105	48774	4.48	ng		96
76)	C260	1,3-Dichlorobenzene	16.82	146	28613	4.95	ng		95
77)	C309	4-Isopropyltoluene	16.79	119	46519	4.66	ng		95
78)	C267	1,4-Dichlorobenzene	16.95	146	30414	5.05	ng		96
79)	C249	1,2-Dichlorobenzene	17.53	146	28096	4.73	ng		94
80)	C310	n-Butylbenzene	17.41	91	41433	4.54	ng		90
81)	C286	1,2-Dibromo-3-Chloro	18.69	75	3606	4.12	ng	#	82
82)	C313	1,2,4-Trichlorobenze	19.96	180	20101	4.65	ng		93
83)	C316	Hexachlorobutadiene	20.17	225	7458	4.94	ng		88
84)	C314	Naphthalene	20.36	128	63913	4.50	ng		95
85)	C934	1,2,3-Trichlorobenze	20.74	180	20103	4.69	ng		98

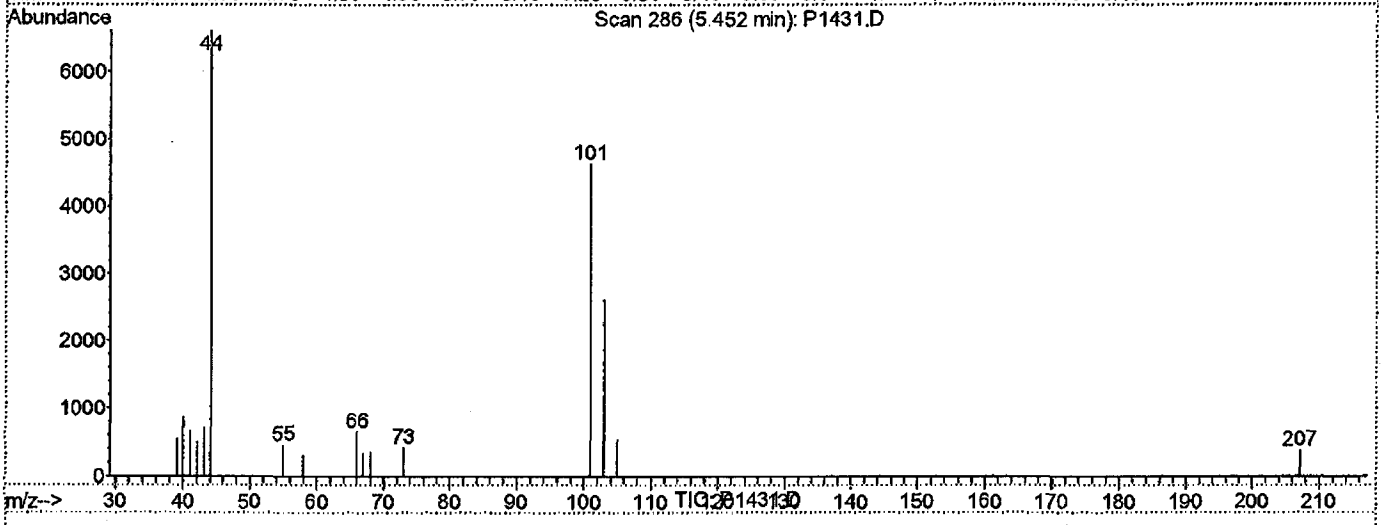
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1431.D Vial: 2
Acq On : 26 Sep 2008 13:31 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:53 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 3.03ng

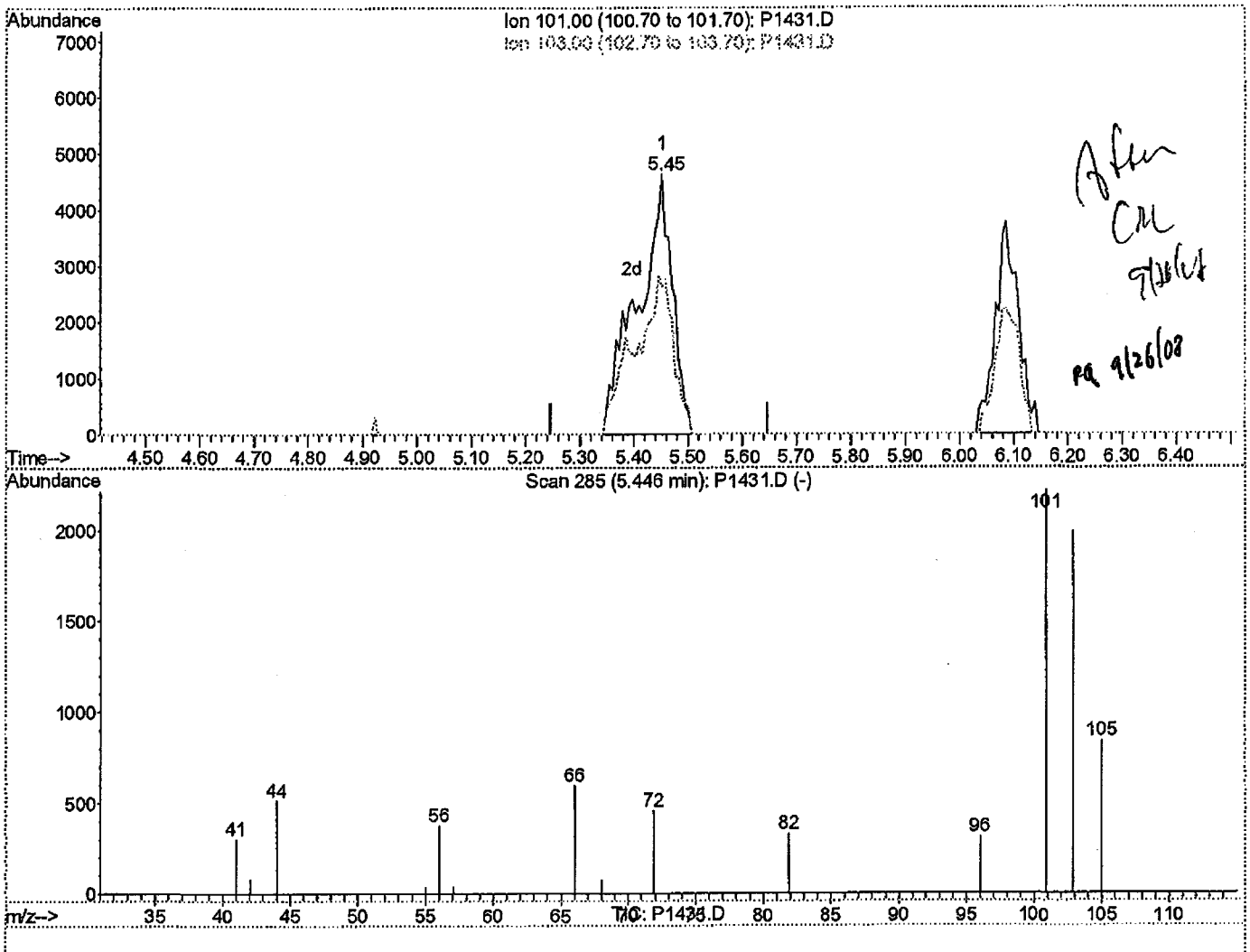
response 12961

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	56.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1431.D Vial: 2
Acq On : 26 Sep 2008 13:31 Operator: LH
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 4.79ng m

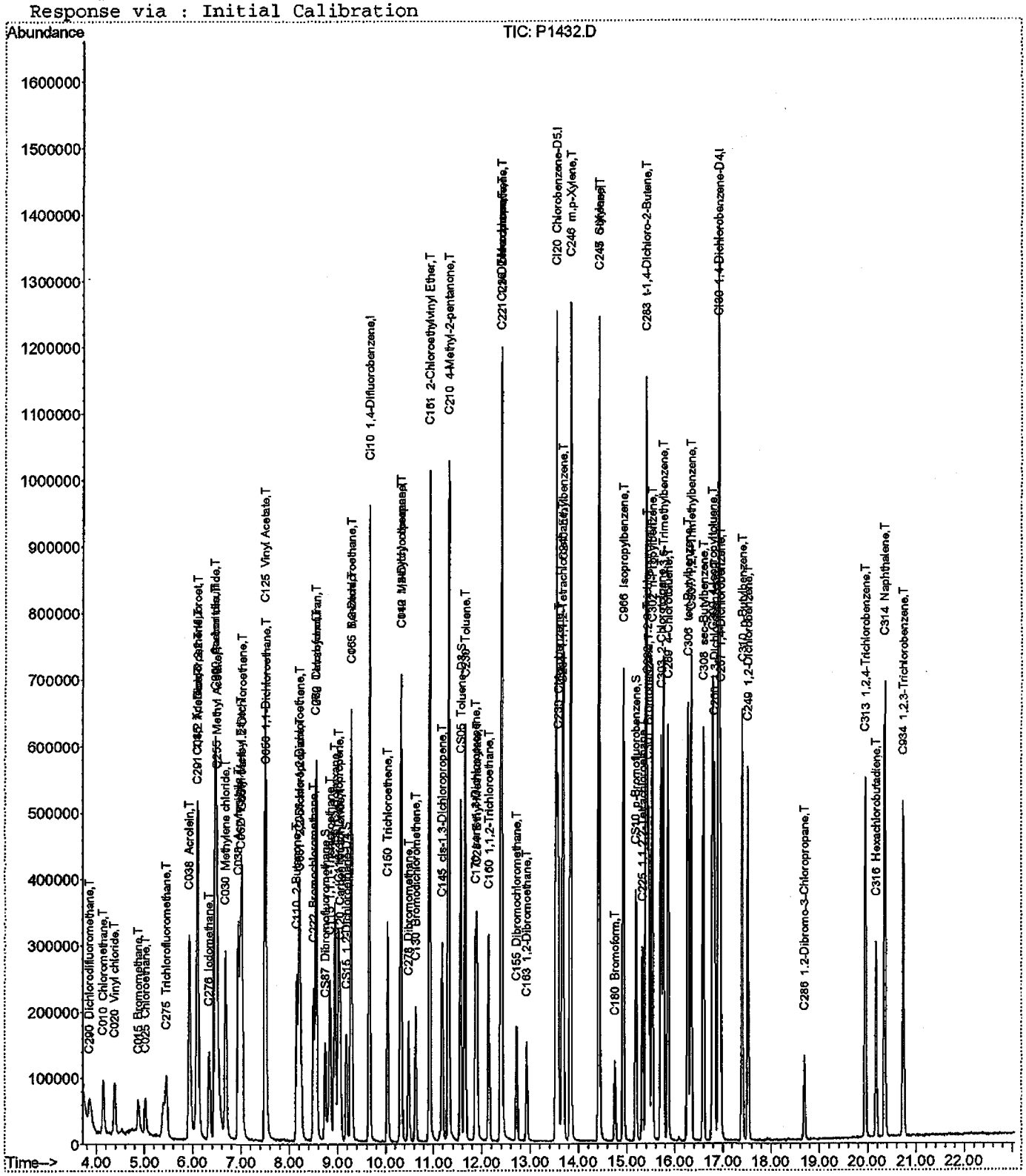
response 20466

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	56.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\092608\P1432.D Vial: 3
Acq On : 26 Sep 2008 13:59 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:55 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1432.D Vial: 3
Acq On : 26 Sep 2008 13:59 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:05 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\MSDCHEM\1\DATA\092608\P1433.D (26 Sep 2008 14:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	944994	125.00	ng	0.00 100.63%
43) CI20	Chlorobenzene-D5	13.54	117	878597	125.00	ng	0.00 99.32%
62) CI30	1,4-Dichlorobenzene-	16.91	152	463767	125.00	ng	0.00 98.22%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	113509	49.37	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	39.50%#	
31) CS15	1,2-Dichloroethane-D	9.18	65	143022	50.06	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	40.05%#	
44) CS05	Toluene-D8	11.57	98	422394	49.20	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	39.36%#	
61) CS10	p-Bromofluorobenzene	15.19	174	134659	48.81	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	39.05%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	3.86	85	121125	51.29	ng	99
3) C010	Chloromethane	4.14	50	133125	47.77	ng	96
4) C020	Vinyl chloride	4.38	62	121643	50.38	ng	98
5) C015	Bromomethane	4.87	94	44196	46.05	ng	99
6) C025	Chloroethane	5.01	64	68527	47.95	ng	95
7) C275	Trichlorofluorometha	5.45	101	212217m	50.09	ng	94
8) C045	1,1-Dichloroethene	6.10	96	133952	52.96	ng	93
9) C030	Methylene chloride	6.68	84	165411	45.20	ng	99
10) C040	Carbon disulfide	6.46	76	423949	52.20	ng	100
11) C036	Acrolein	5.93	56	483536	971.39	ng	96
12) C038	Acrylonitrile	6.94	53	370160	258.65	ng	97
13) C035	Acetone	6.10	43	267626	256.20	ng	96
14) C300	Acetonitrile	6.45	41	1129146	2037.56	ng	99
15) C276	Iodomethane	6.33	142	220447	50.79	ng	97
16) C291	1,1,2 Trichloro-1,2,	6.08	101	125917	53.01	ng	90
17) C962	T-butyl Methyl Ether	6.99	73	418246	50.82	ng	96
18) C057	trans-1,2-Dichloroet	7.02	96	146235	52.71	ng	96
19) C255	Methyl Acetate	6.49	43	243757	50.92	ng	95
20) C050	1,1-Dichloroethane	7.51	63	265294	53.08	ng	99
21) C125	Vinyl Acetate	7.48	43	1398475	261.75	ng	96
22) C051	2,2-Dichloropropane	8.23	77	210984	52.40	ng	93
23) C056	cis-1,2-Dichloroethe	8.20	96	155885	51.60	ng	98
24) C272	Tetrahydrofuran	8.55	42	299671	259.48	ng	93
25) C222	Bromochloromethane	8.50	128	71467	50.41	ng	90
26) C060	Chloroform	8.55	83	240586	52.04	ng	99
27) C115	1,1,1-Trichloroethan	8.84	97	215618	51.62	ng	96
28) C120	Carbon tetrachloride	9.05	117	165762	50.64	ng	98
29) C116	1,1-Dichloropropene	9.02	75	178327	52.84	ng	95
32) C165	Benzene	9.28	78	537333	52.42	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1432.D Vial: 3
Acq On : 26 Sep 2008 13:59 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:05 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA

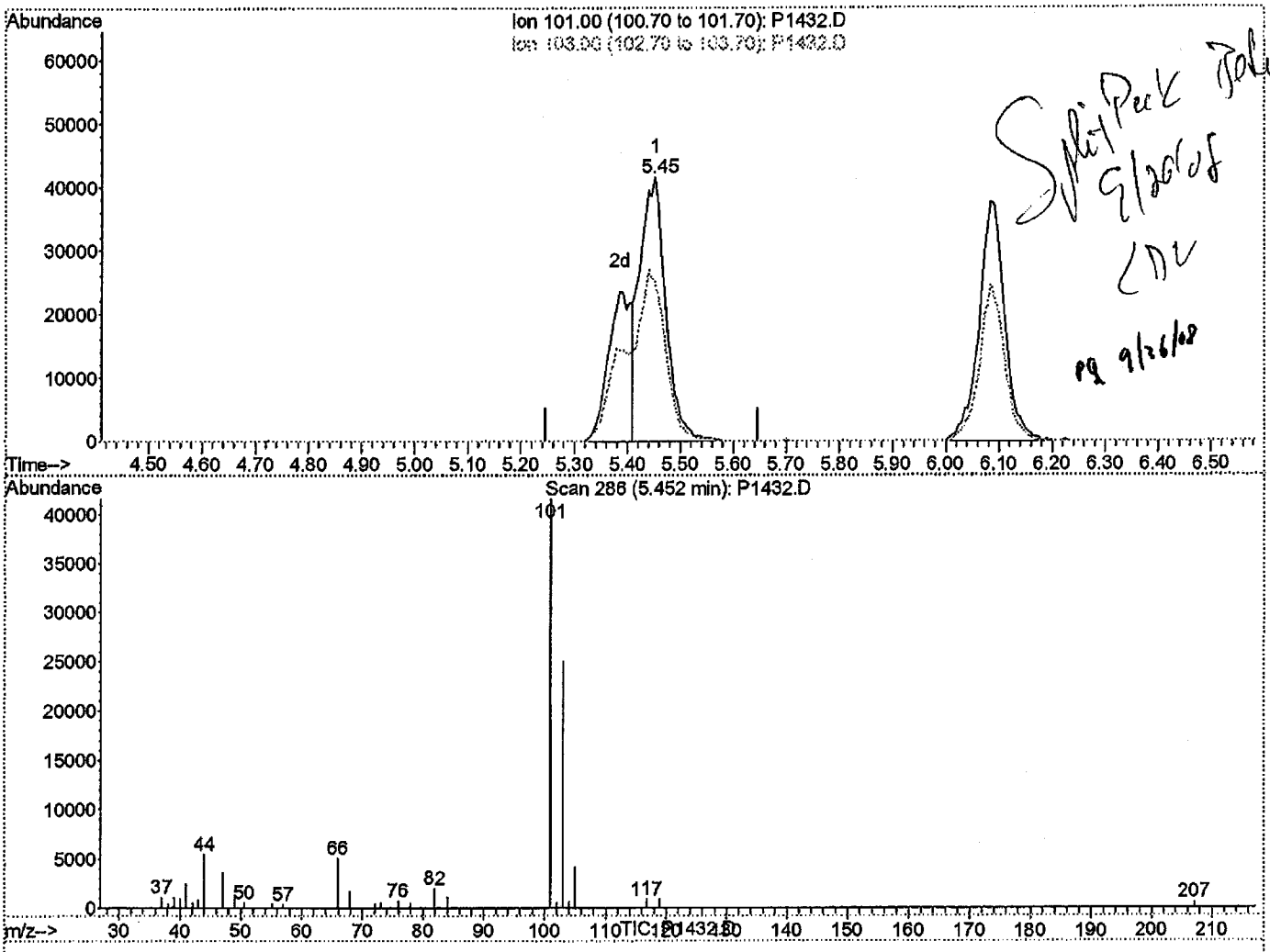
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	203910	51.81	ng		91
34)	C110	2-Butanone	8.15	43	426403	248.37	ng		91
35)	C256	Cyclohexane	8.94	56	256429	52.46	ng		90
36)	C150	Trichloroethene	10.03	95	139667	51.66	ng		94
37)	C140	1,2-Dichloropropane	10.32	63	146138	52.17	ng		90
38)	C278	Dibromomethane	10.48	93	91458	51.33	ng		90
39)	C130	Bromodichloromethane	10.63	83	162018	49.02	ng		96
40)	C161	2-Chloroethylvinyl E	10.92	63	527784	260.06	ng	#	89
41)	C012	Methylcycolhexane	10.32	83	194591	53.07	ng		88
42)	C145	cis-1,3-Dichloroprop	11.18	75	208775	50.24	ng		94
45)	C230	Toluene	11.66	92	345885	52.14	ng		96
46)	C170	trans-1,3-Dichloropr	11.87	75	193913	50.22	ng		97
47)	C284	Ethyl Methacrylate	11.90	69	184759	49.95	ng	#	75
48)	C160	1,1,2-Trichloroethan	12.14	83	106641	50.86	ng		90
49)	C210	4-Methyl-2-pentanone	11.31	43	904465	257.60	ng	#	85
50)	C220	Tetrachloroethene	12.41	166	130835	54.19	ng		99
51)	C221	1,3-Dichloropropane	12.39	76	212731	52.33	ng		97
52)	C155	Dibromochloromethane	12.72	129	114834	46.90	ng		97
53)	C163	1,2-Dibromoethane	12.93	107	134352	50.28	ng		100
54)	C215	2-Hexanone	12.40	43	644741	263.65	ng		96
55)	C235	Chlorobenzene	13.58	112	368135	50.98	ng		94
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	125175	51.17	ng		95
57)	C240	Ethylbenzene	13.68	91	634824	52.13	ng		98
58)	C246	m,p-Xylene	13.84	106	477474	105.14	ng		98
59)	C247	o-Xylene	14.42	106	244960	52.73	ng		97
60)	C245	Styrene	14.43	104	405024	53.45	ng		90
63)	C180	Bromoform	14.75	173	73139	45.10	ng		98
64)	C966	Isopropylbenzene	14.92	105	599289	52.66	ng		92
65)	C301	Bromobenzene	15.45	156	155145	52.28	ng	#	87
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	191355	51.65	ng		98
67)	C282	1,2,3-Trichloropropa	15.42	110	53273	52.23	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	193004	256.62	ng	#	52
69)	C302	n-Propylbenzene	15.53	91	734436	52.62	ng		92
70)	C303	2-Chlorotoluene	15.71	126	152945	52.20	ng		100
71)	C289	4-Chlorotoluene	15.86	126	154682	51.86	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	510175	52.75	ng	#	46
73)	C306	tert-Butylbenzene	16.27	134	102637	52.71	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	516309	52.12	ng		92
75)	C308	sec-Butylbenzene	16.59	105	567097	52.82	ng		94
76)	C260	1,3-Dichlorobenzene	16.82	146	299258	52.53	ng		96
77)	C309	4-Isopropyltoluene	16.78	119	516693	52.55	ng		98
78)	C267	1,4-Dichlorobenzene	16.94	146	306115	51.55	ng		96
79)	C249	1,2-Dichlorobenzene	17.53	146	306875	52.44	ng		95
80)	C310	n-Butylbenzene	17.41	91	480312	53.37	ng		92
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	40942	47.49	ng	#	79
82)	C313	1,2,4-Trichlorobenze	19.95	180	221567	52.01	ng		98
83)	C316	Hexachlorobutadiene	20.17	225	77014	51.78	ng		94
84)	C314	Naphthalene	20.36	128	723109	51.70	ng		97
85)	C934	1,2,3-Trichlorobenze	20.73	180	218952	51.83	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1432.D Vial: 3
Acq On : 26 Sep 2008 13:59 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration



Split Peak Value
9/26/08
CDV
pg 9/26/08

(7) C275 Trichlorofluoromethane (T)

5.45min 32.96ng

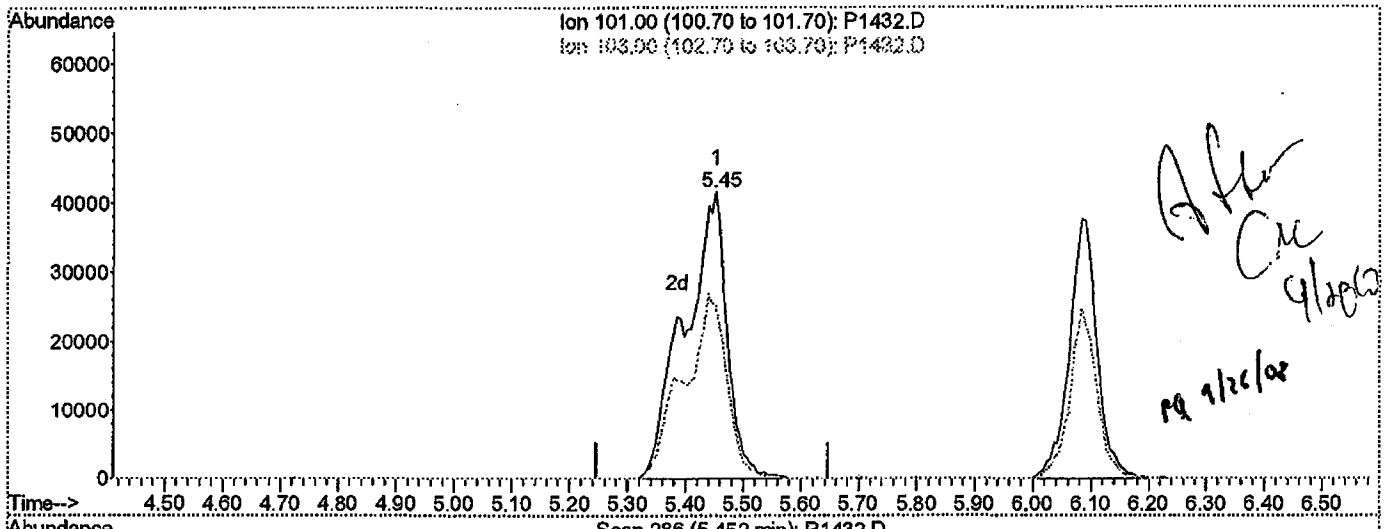
response 139646

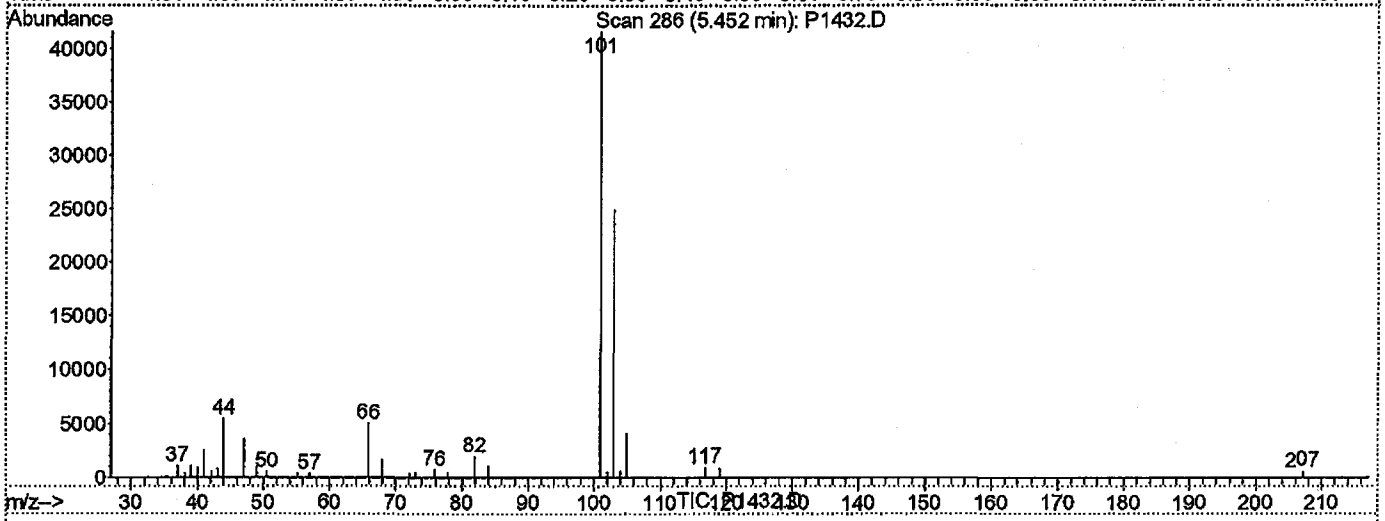
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1432.D Vial: 3
Acq On : 26 Sep 2008 13:59 Operator: LH
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:55 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 50.09ng m

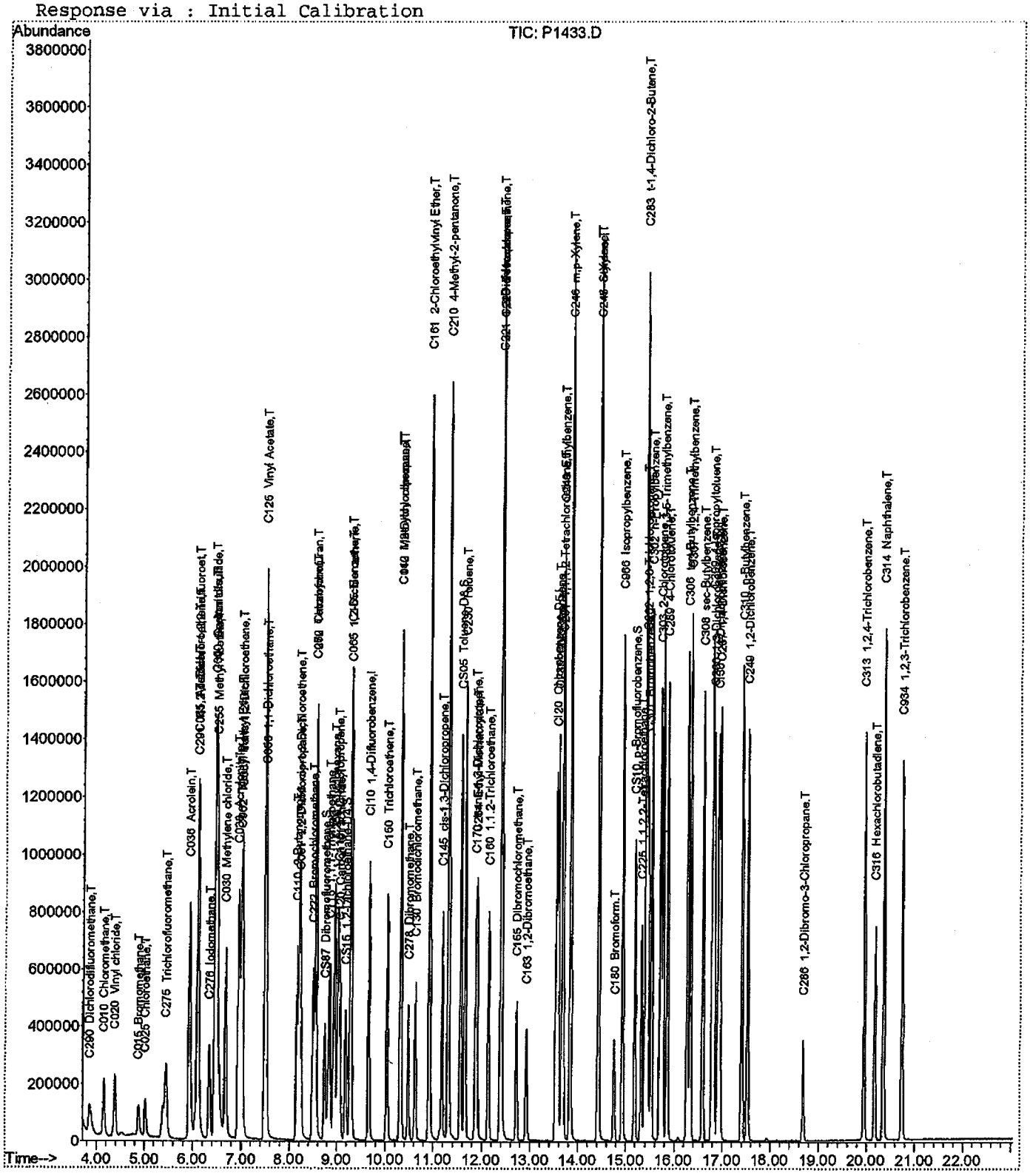
response 212217

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\092608\P1433.D Vial: 4
Acq On : 26 Sep 2008 14:27 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:55 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1433.D Vial: 4
Acq On : 26 Sep 2008 14:27 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:14 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\MSDCHEM\1\DATA\092608\P1433.D (26 Sep 2008 14:27)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	939571	125.00	ng		0.00 100.05%
43) CI20	Chlorobenzene-D5	13.54	117	884656	125.00	ng		0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	16.91	152	472180	125.00	ng		0.00 100.00%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	303619	132.81	ng		0.00
Spiked Amount	125.000	Range 70 - 130		Recovery =	106.25%			
31) CS15	1,2-Dichloroethane-D	9.18	65	372336	131.07	ng		0.00
Spiked Amount	125.000	Range 66 - 137		Recovery =	104.86%			
44) CS05	Toluene-D8	11.57	98	1162496	134.48	ng		0.00
Spiked Amount	125.000	Range 71 - 126		Recovery =	107.58%			
61) CS10	p-Bromofluorobenzene	15.19	174	363471	130.84	ng		0.00
Spiked Amount	125.000	Range 73 - 120		Recovery =	104.67%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.86	85	310926	132.42	ng		98
3) C010	Chloromethane	4.15	50	348310	125.72	ng		97
4) C020	Vinyl chloride	4.38	62	312435	130.14	ng		99
5) C015	Bromomethane	4.87	94	109888	115.17	ng		93
6) C025	Chloroethane	5.01	64	173268	121.94	ng		98
7) C275	Trichlorofluorometha	5.45	101	554223m	131.56	ng		98
8) C045	1,1-Dichloroethene	6.10	96	335816	133.53	ng		96
9) C030	Methylene chloride	6.68	84	398351	109.48	ng		99
10) C040	Carbon disulfide	6.46	76	1063797	131.73	ng		99
11) C036	Acrolein	5.93	56	1264802	2555.56	ng		96
12) C038	Acrylonitrile	6.93	53	933516	656.07	ng		98
13) C035	Acetone	6.10	43	669301	644.43	ng		95
14) C300	Acetonitrile	6.45	41	2873809	5215.77	ng		99
15) C276	Iodomethane	6.34	142	567357	131.46	ng		95
16) C291	1,1,2 Trichloro-1,2,	6.09	101	318441	134.83	ng		91
17) C962	T-butyl Methyl Ether	6.99	73	1068910	130.64	ng		98
18) C057	trans-1,2-Dichloroet	7.02	96	357228	129.52	ng		96
19) C255	Methyl Acetate	6.49	43	604207	126.94	ng		95
20) C050	1,1-Dichloroethane	7.51	63	645531	129.90	ng		99
21) C125	Vinyl Acetate	7.48	43	3601397	677.96	ng		96
22) C051	2,2-Dichloropropane	8.23	77	531264	132.70	ng		94
23) C056	cis-1,2-Dichloroethe	8.20	96	387309	128.94	ng		95
24) C272	Tetrahydrofuran	8.55	42	732420	637.85	ng		95
25) C222	Bromochloromethane	8.49	128	184414	130.83	ng	#	92
26) C060	Chloroform	8.54	83	590585	128.49	ng		99
27) C115	1,1,1-Trichloroethan	8.84	97	553442	133.25	ng		98
28) C120	Carbon tetrachloride	9.05	117	435664	133.86	ng		97
29) C116	1,1-Dichloropropene	9.02	75	441295	131.51	ng		94
32) C165	Benzene	9.29	78	1336926	131.17	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1433.D Vial: 4
Acq On : 26 Sep 2008 14:27 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:14 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA

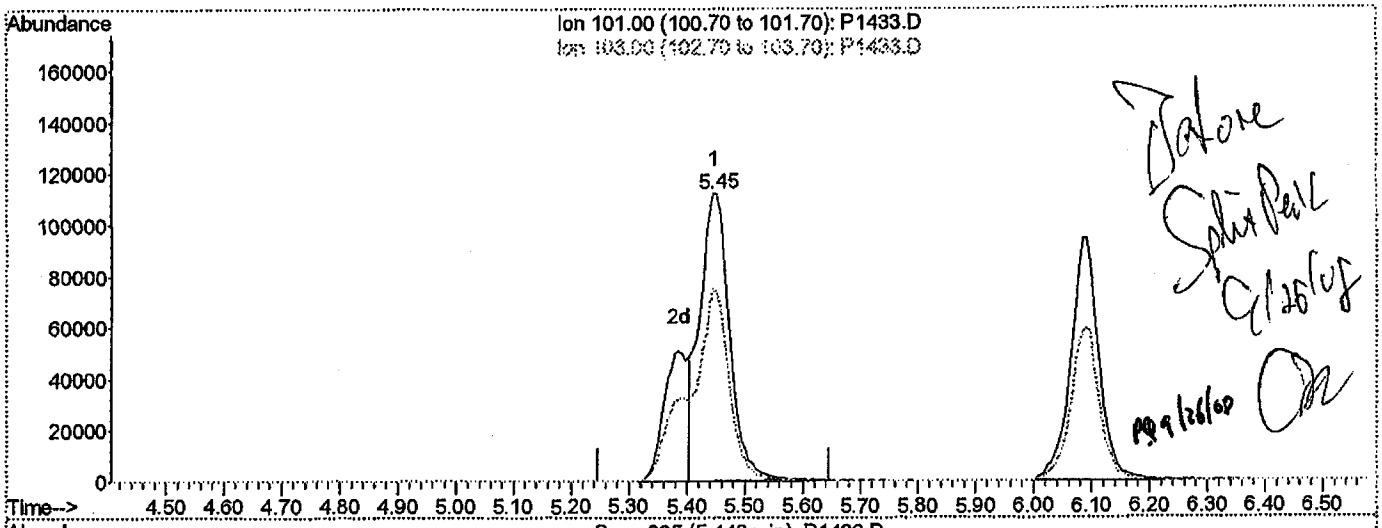
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	508788	130.01	ng		94
34)	C110	2-Butanone	8.15	43	1115592	653.55	ng		93
35)	C256	Cyclohexane	8.94	56	651526	134.05	ng		91
36)	C150	Trichloroethene	10.03	95	356729	132.71	ng		91
37)	C140	1,2-Dichloropropane	10.32	63	366409	131.55	ng		94
38)	C278	Dibromomethane	10.48	93	233306	131.69	ng		93
39)	C130	Bromodichloromethane	10.63	83	436015	132.69	ng		97
40)	C161	2-Chloroethylvinyl E	10.92	63	1353916	670.97	ng	#	88
41)	C012	Methylcycolhexane	10.32	83	488987	134.14	ng		88
42)	C145	cis-1,3-Dichloroprop	11.18	75	553239	133.91	ng		94
45)	C230	Toluene	11.66	92	869480	130.18	ng		93
46)	C170	trans-1,3-Dichloropr	11.87	75	516086	132.75	ng		100
47)	C284	Ethyl Methacrylate	11.90	69	486495	130.61	ng	#	74
48)	C160	1,1,2-Trichloroethan	12.14	83	273515	129.56	ng		87
49)	C210	4-Methyl-2-pentanone	11.31	43	2297590	649.89	ng	#	86
50)	C220	Tetrachloroethene	12.41	166	325635	133.96	ng		95
51)	C221	1,3-Dichloropropane	12.38	76	532731	130.14	ng		97
52)	C155	Dibromochloromethane	12.72	129	322874	130.97	ng		97
53)	C163	1,2-Dibromoethane	12.93	107	349583	129.94	ng		95
54)	C215	2-Hexanone	12.39	43	1639524	665.86	ng		98
55)	C235	Chlorobenzene	13.58	112	950520	130.72	ng		93
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	326100	132.38	ng		96
57)	C240	Ethylbenzene	13.68	91	1605170	130.92	ng		95
58)	C246	m,p-Xylene	13.84	106	1196884	261.74	ng		99
59)	C247	o-Xylene	14.42	106	616734	131.86	ng		96
60)	C245	Styrene	14.43	104	1008904	132.24	ng		90
63)	C180	Bromoform	14.75	173	216066	130.87	ng		96
64)	C966	Isopropylbenzene	14.92	105	1522229	131.37	ng		90
65)	C301	Bromobenzene	15.45	156	392877	130.04	ng	#	86
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	496477	131.63	ng		97
67)	C282	1,2,3-Trichloropropa	15.42	110	133917	128.97	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	529686	691.72	ng	#	48
69)	C302	n-Propylbenzene	15.53	91	1875426	131.98	ng		91
70)	C303	2-Chlorotoluene	15.71	126	394669	132.30	ng		100
71)	C289	4-Chlorotoluene	15.86	126	402300	132.47	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	1293190	131.34	ng	#	43
73)	C306	tert-Butylbenzene	16.27	134	262867	132.60	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	1327469	131.62	ng		93
75)	C308	sec-Butylbenzene	16.59	105	1452007	132.82	ng		96
76)	C260	1,3-Dichlorobenzene	16.82	146	749925	129.29	ng		98
77)	C309	4-Isopropyltoluene	16.78	119	1320314	131.89	ng		97
78)	C267	1,4-Dichlorobenzene	16.94	146	776531	128.44	ng		99
79)	C249	1,2-Dichlorobenzene	17.53	146	775917	130.23	ng		97
80)	C310	n-Butylbenzene	17.41	91	1213257	132.40	ng		91
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	114246	130.17	ng		89
82)	C313	1,2,4-Trichlorobenze	19.95	180	574292	132.41	ng		98
83)	C316	Hexachlorobutadiene	20.17	225	197086	130.16	ng		97
84)	C314	Naphthalene	20.35	128	1880738	132.06	ng		96
85)	C934	1,2,3-Trichlorobenze	20.73	180	568390	132.15	ng		98

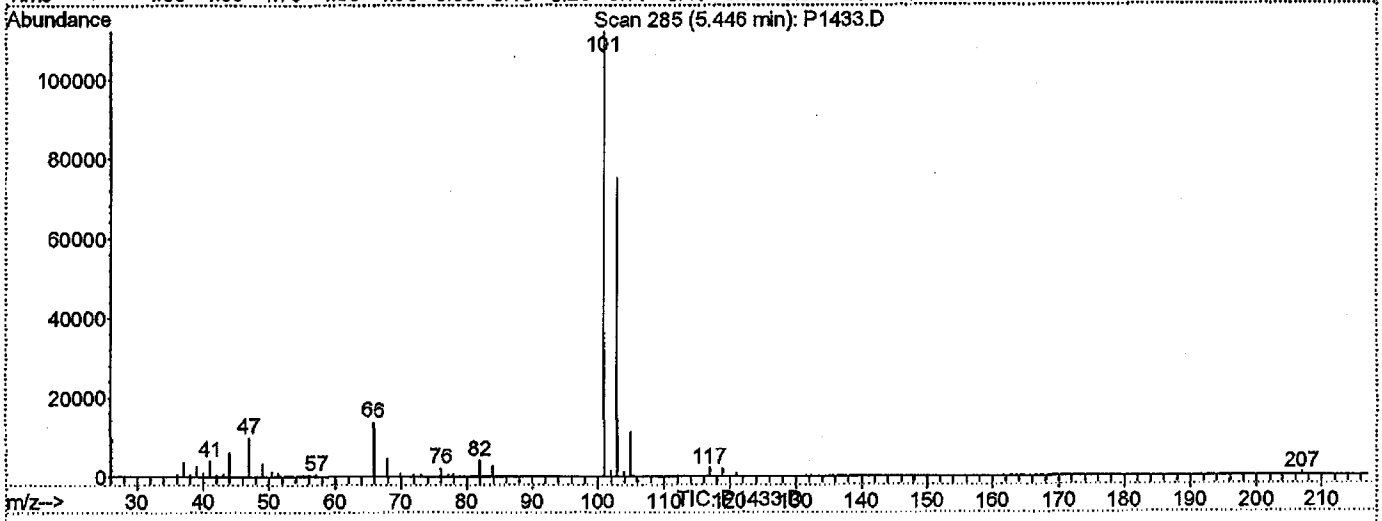
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1433.D Vial: 4
Acq On : 26 Sep 2008 14:27 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 94.38ng

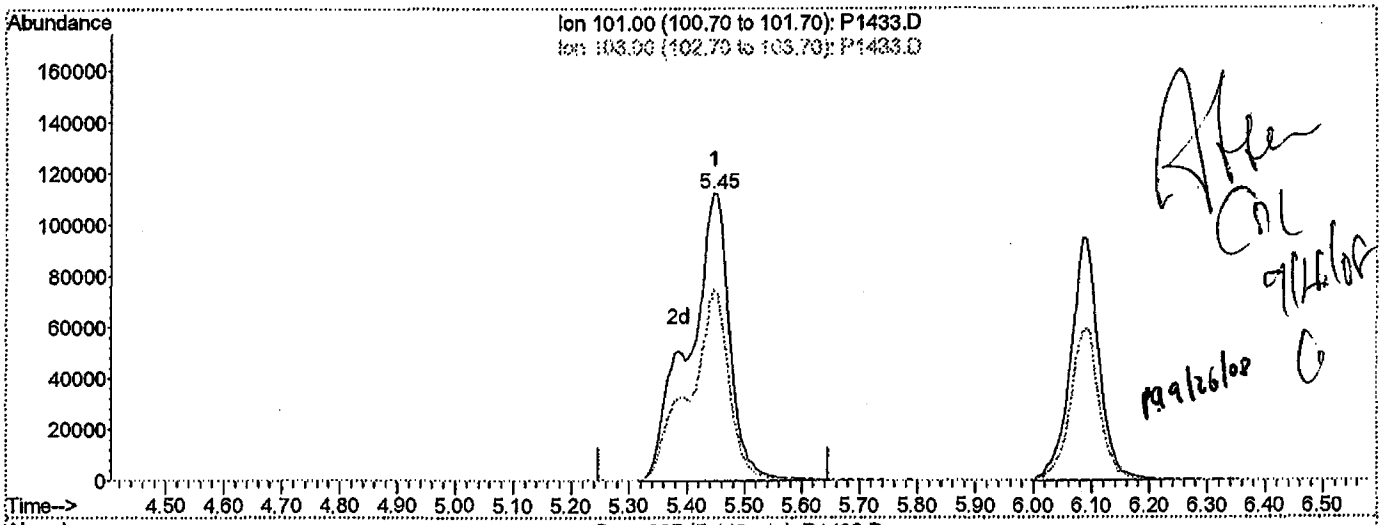
response 397589

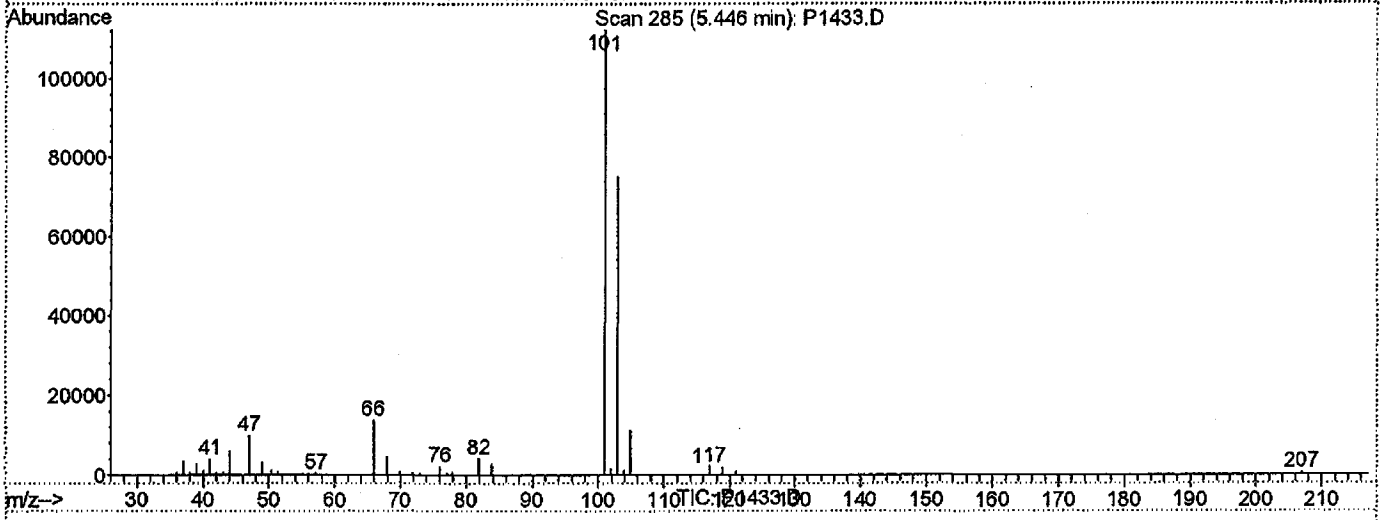
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	66.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1433.D Vial: 4
Acq On : 26 Sep 2008 14:27 Operator: LH
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:55 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 131.56ng m

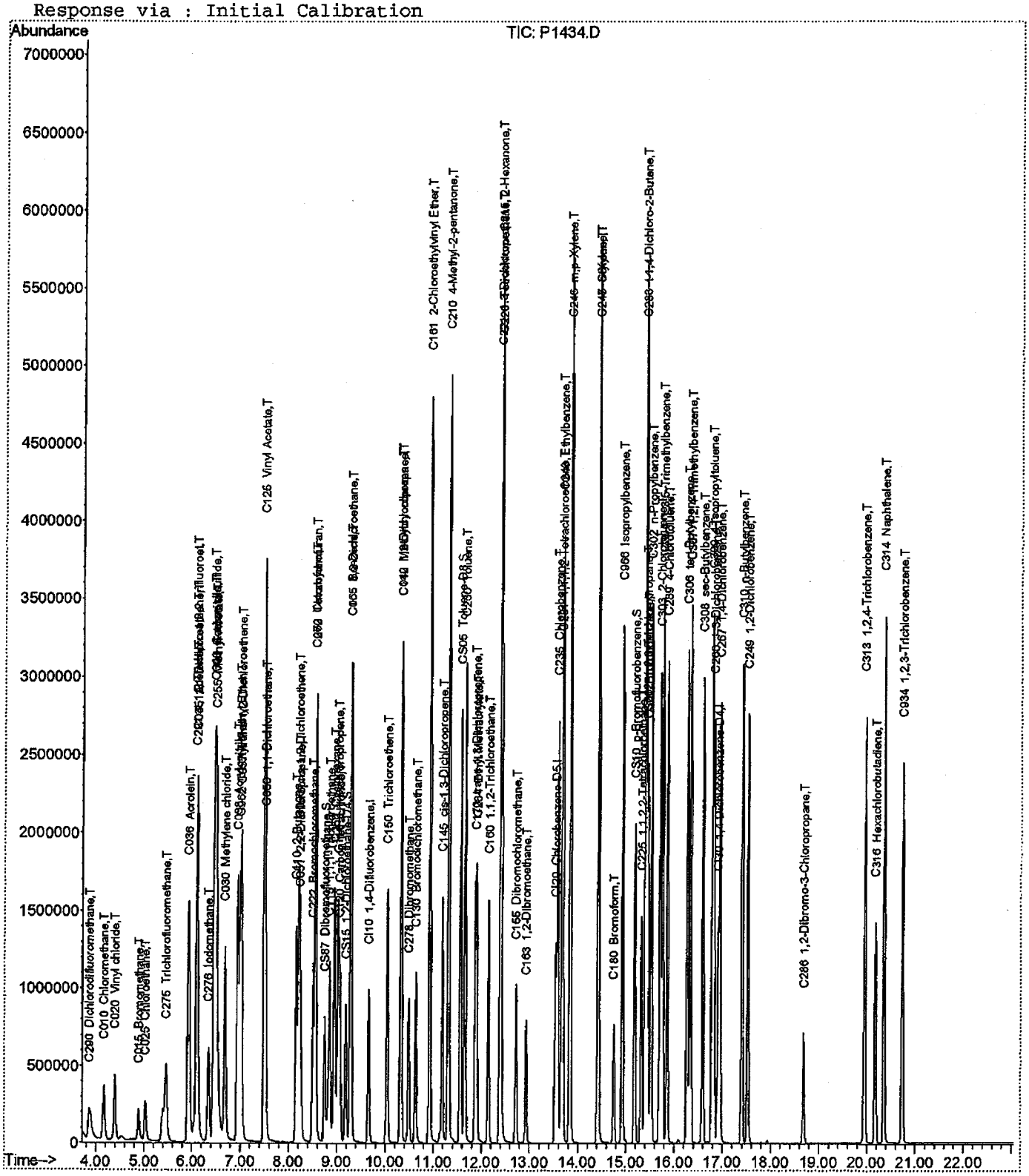
response 554223

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	66.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\092608\P1434.D Vial: 5
Acq On : 26 Sep 2008 14:54 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:55 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1434.D Vial: 5
Acq On : 26 Sep 2008 14:54 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:24 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\MSDCHEM\1\DATA\092608\P1433.D (26 Sep 2008 14:27)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	953041	125.00	ng		0.00 101.49%
43) CI20	Chlorobenzene-D5	13.54	117	886033	125.00	ng		0.00 100.16%
62) CI30	1,4-Dichlorobenzene-	16.91	152	466303	125.00	ng		0.00 98.76%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	609910	263.01	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	210.41%#		
31) CS15	1,2-Dichloroethane-D	9.18	65	741163	257.21	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	205.77%#		
44) CS05	Toluene-D8	11.57	98	2282921	263.68	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	210.94%#		
61) CS10	p-Bromofluorobenzene	15.19	174	721475	259.32	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	207.46%#		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.87	85	602516	252.98	ng		97
3) C010	Chloromethane	4.17	50	685174	243.80	ng		98
4) C020	Vinyl chloride	4.39	62	608948	250.06	ng		99
5) C015	Bromomethane	4.89	94	218816	226.09	ng		94
6) C025	Chloroethane	5.02	64	342492	237.63	ng		96
7) C275	Trichlorofluorometha	5.46	101	1085822m	254.11	ng		99
8) C045	1,1-Dichloroethene	6.11	96	636064	249.34	ng		96
9) C030	Methylene chloride	6.68	84	762137	206.51	ng		99
10) C040	Carbon disulfide	6.47	76	1969982	240.50	ng		99
11) C036	Acrolein	5.93	56	2488663	4957.34	ng		96
12) C038	Acrylonitrile	6.94	53	1823033	1263.11	ng		98
13) C035	Acetone	6.10	43	1287560	1222.18	ng		93
14) C300	Acetonitrile	6.46	41	5467746	9783.33	ng		100
15) C276	Iodomethane	6.34	142	1076005	245.80	ng		96
16) C291	1,1,2 Trichloro-1,2,	6.09	101	592978	247.53	ng		92
17) C962	T-butyl Methyl Ether	6.99	73	2058636	248.05	ng		98
18) C057	trans-1,2-Dichloroet	7.02	96	689108	246.31	ng		93
19) C255	Methyl Acetate	6.49	43	1161401	240.55	ng		96
20) C050	1,1-Dichloroethane	7.52	63	1224248	242.87	ng		99
21) C125	Vinyl Acetate	7.49	43	6806227	1263.15	ng		96
22) C051	2,2-Dichloropropane	8.23	77	1009611	248.61	ng		93
23) C056	cis-1,2-Dichloroethe	8.20	96	738027	242.22	ng		96
24) C272	Tetrahydrofuran	8.55	42	1424907	1223.39	ng		96
25) C222	Bromochloromethane	8.50	128	359728	251.61	ng	#	89
26) C060	Chloroform	8.55	83	1126784	241.69	ng		99
27) C115	1,1,1-Trichloroethan	8.84	97	1070430	254.08	ng		97
28) C120	Carbon tetrachloride	9.05	117	854761	258.91	ng		99
29) C116	1,1-Dichloropropene	9.02	75	852020	250.32	ng		95
32) C165	Benzene	9.28	78	2548877	246.54	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1434.D Vial: 5
Acq On : 26 Sep 2008 14:54 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:24 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA

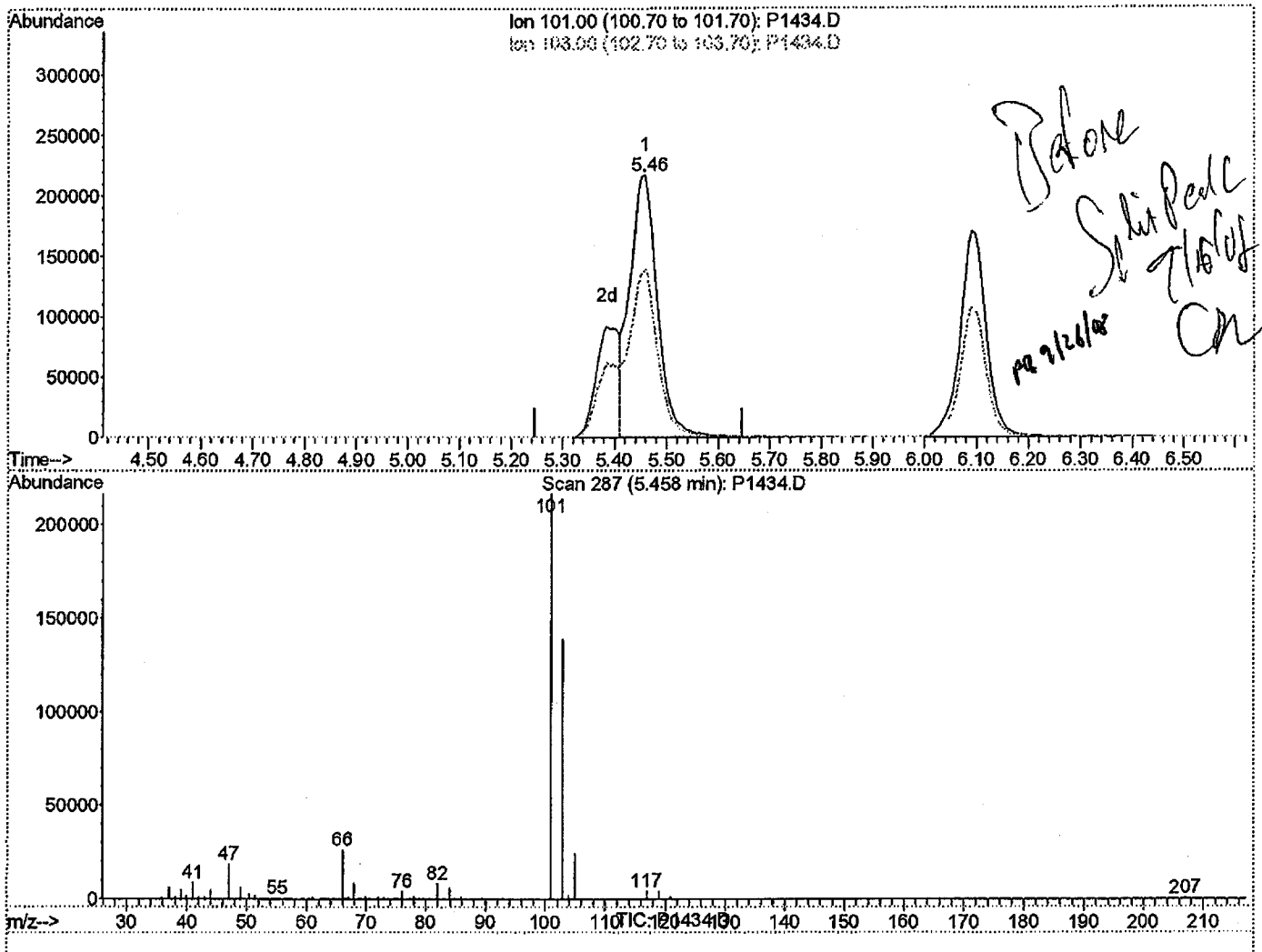
	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	988719	249.08 ng		94
34)	C110	2-Butanone	8.15	43	2186948	1263.08 ng		94
35)	C256	Cyclohexane	8.94	56	1217688	247.00 ng		89
36)	C150	Trichloroethene	10.04	95	685435	251.39 ng		90
37)	C140	1,2-Dichloropropane	10.32	63	700735	248.02 ng		93
38)	C278	Dibromomethane	10.48	93	455113	253.26 ng		91
39)	C130	Bromodichloromethane	10.63	83	868962	260.70 ng		98
40)	C161	2-Chloroethylvinyl E	10.92	63	2548484	1245.13 ng	#	87
41)	C012	Methylcycolhexane	10.32	83	900110	243.42 ng		87
42)	C145	cis-1,3-Dichloroprop	11.18	75	1086586	259.28 ng		93
45)	C230	Toluene	11.66	92	1662000	248.45 ng		95
46)	C170	trans-1,3-Dichloropr	11.87	75	1036641	266.24 ng		98
47)	C284	Ethyl Methacrylate	11.90	69	957105	256.56 ng	#	74
48)	C160	1,1,2-Trichloroethan	12.14	83	532592	251.90 ng		88
49)	C210	4-Methyl-2-pentanone	11.31	43	4323393	1221.00 ng	#	84
50)	C220	Tetrachloroethene	12.41	166	601073	246.88 ng		95
51)	C221	1,3-Dichloropropane	12.38	76	1017164	248.10 ng		97
52)	C155	Dibromochloromethane	12.72	129	678632	274.86 ng		98
53)	C163	1,2-Dibromoethane	12.93	107	691747	256.72 ng		94
54)	C215	2-Hexanone	12.40	43	3068433	1244.24 ng		95
55)	C235	Chlorobenzene	13.58	112	1839006	252.53 ng		93
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	638544	258.82 ng		96
57)	C240	Ethylbenzene	13.68	91	3033674	247.05 ng		97
58)	C246	m,p-Xylene	13.84	106	2258507	493.13 ng		97
59)	C247	o-Xylene	14.42	106	1157748	247.14 ng		96
60)	C245	Styrene	14.43	104	1922899	251.65 ng		90
63)	C180	Bromoform	14.75	173	462882	283.90 ng		98
64)	C966	Isopropylbenzene	14.92	105	2908726	254.19 ng		93
65)	C301	Bromobenzene	15.45	156	761149	255.12 ng	#	86
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	960779	257.93 ng		98
67)	C282	1,2,3-Trichloropropa	15.43	110	254622	248.30 ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	1033098	1366.14 ng	#	47
69)	C302	n-Propylbenzene	15.53	91	3574889	254.74 ng		91
70)	C303	2-Chlorotoluene	15.71	126	754505	256.10 ng		100
71)	C289	4-Chlorotoluene	15.86	126	765947	255.40 ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	2472493	254.28 ng	#	45
73)	C306	tert-Butylbenzene	16.27	134	504003	257.45 ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	2515670	252.58 ng		94
75)	C308	sec-Butylbenzene	16.59	105	2776006	257.13 ng		95
76)	C260	1,3-Dichlorobenzene	16.82	146	1432196	250.02 ng		97
77)	C309	4-Isopropyltoluene	16.79	119	2517449	254.64 ng		98
78)	C267	1,4-Dichlorobenzene	16.94	146	1492022	249.89 ng		97
79)	C249	1,2-Dichlorobenzene	17.52	146	1495890	254.23 ng		96
80)	C310	n-Butylbenzene	17.41	91	2305802	254.80 ng		90
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	237398	273.89 ng		82
82)	C313	1,2,4-Trichlorobenze	19.95	180	1095735	255.82 ng		99
83)	C316	Hexachlorobutadiene	20.17	225	373119	249.52 ng		97
84)	C314	Naphthalene	20.35	128	3647152	259.33 ng		98
85)	C934	1,2,3-Trichlorobenze	20.73	180	1082831	254.92 ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1434.D Vial: 5
Acq On : 26 Sep 2008 14:54 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.46min 185.93ng

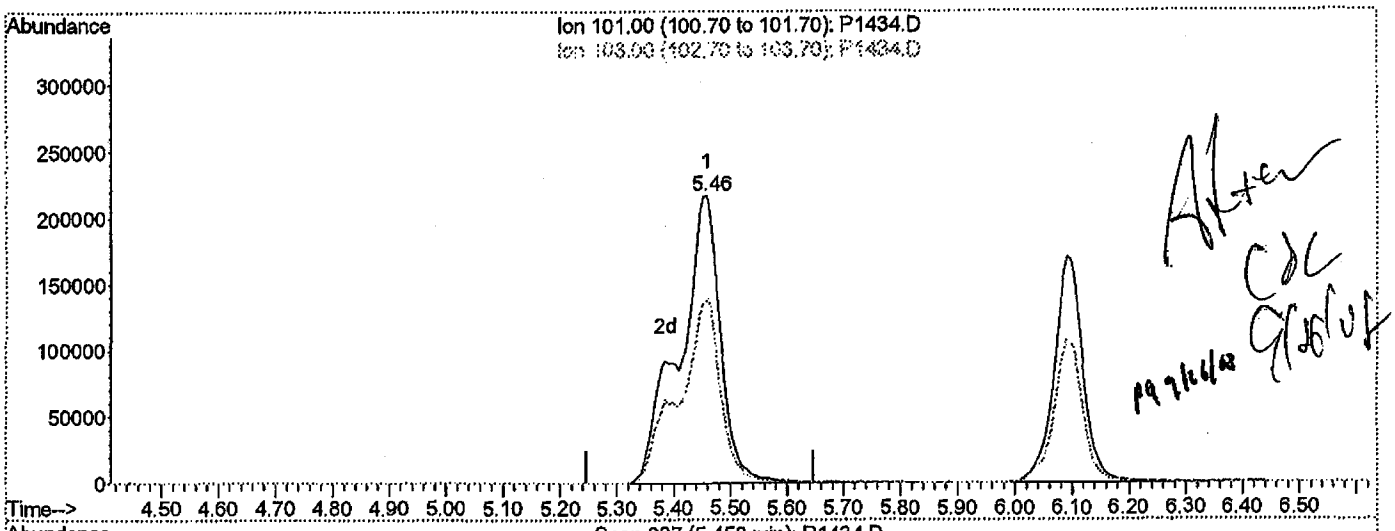
response 794513

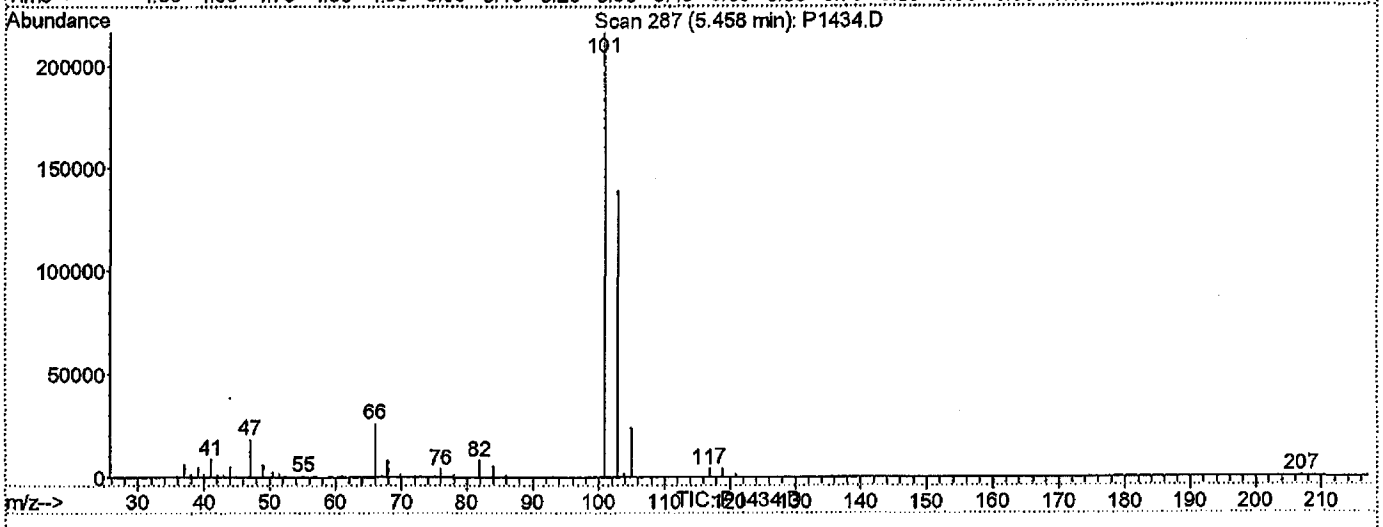
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	64.10
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1434.D Vial: 5
Acq On : 26 Sep 2008 14:54 Operator: LH
Sample : VSTD050 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:55 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 254.11ng m

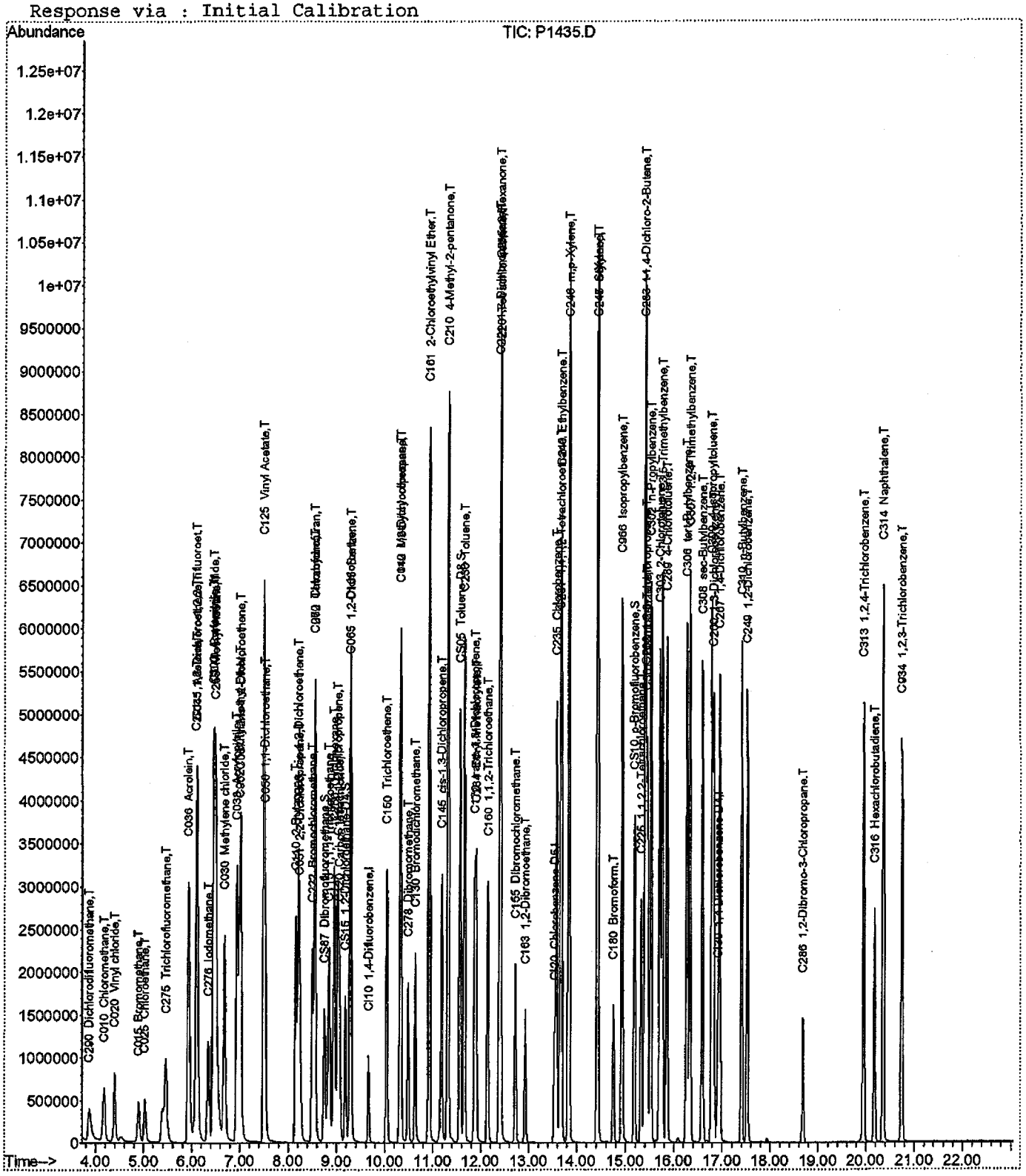
response 1085822

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	64.10
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\092608\P1435.D Vial: 6
Acq On : 26 Sep 2008 15:22 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:56 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1435.D Vial: 6
Acq On : 26 Sep 2008 15:22 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:33 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\MSDCHEM\1\DATA\092608\P1433.D (26 Sep 2008 14:27)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	974170	125.00	ng	0.00 103.74%
43) CI20 Chlorobenzene-D5	13.54	117	909737	125.00	ng	0.00 102.84%
62) CI30 1,4-Dichlorobenzene-	16.91	152	487912	125.00	ng	0.00 103.33%
System Monitoring Compounds						
30) CS87 Dibromofluoromethane	8.74	111	1182327	498.80	ng	0.00
Spiked Amount 125.000 Range 70 - 130 Recovery = 399.04%#						
31) CS15 1,2-Dichloroethane-D	9.18	65	1456881	494.62	ng	0.00
Spiked Amount 125.000 Range 66 - 137 Recovery = 395.70%#						
44) CS05 Toluene-D8	11.57	98	4208568	473.44	ng	0.00
Spiked Amount 125.000 Range 71 - 126 Recovery = 378.75%#						
61) CS10 p-Bromofluorobenzene	15.19	174	1350328	472.70	ng	0.00
Spiked Amount 125.000 Range 73 - 120 Recovery = 378.16%#						
Target Compounds						Qvalue
2) C290 Dichlorodifluorometh	3.87	85	1151308	472.92	ng	97
3) C010 Chloromethane	4.17	50	1357079	472.41	ng	99
4) C020 Vinyl chloride	4.39	62	1195629	480.33	ng	98
5) C015 Bromomethane	4.89	94	525301	530.99	ng	98
6) C025 Chloroethane	5.03	64	705620	478.96	ng	99
7) C275 Trichlorofluorometha	5.46	101	2122272m	485.88	ng	100
8) C045 1,1-Dichloroethene	6.11	96	1229842	471.64	ng	98
9) C030 Methylene chloride	6.68	84	1507905	399.71	ng	98
10) C040 Carbon disulfide	6.47	76	3850035	459.82	ng	99
11) C036 Acrolein	5.93	56	5009316	9761.97	ng	97
12) C038 Acrylonitrile	6.93	53	3559459	2412.71	ng	98
13) C035 Acetone	6.10	43	2484077	2306.81	ng	95
14) C300 Acetonitrile	6.45	41	10325156	18073.90	ng	99
15) C276 Iodomethane	6.35	142	2158841	482.46	ng	96
16) C291 1,1,2 Trichloro-1,2,	6.09	101	1153354	471.01	ng	91
17) C962 T-butyl Methyl Ether	6.99	73	4072265	480.03	ng	98
18) C057 trans-1,2-Dichloroet	7.02	96	1334185	466.54	ng	94
19) C255 Methyl Acetate	6.49	43	2335905	473.32	ng	96
20) C050 1,1-Dichloroethane	7.52	63	2406574	467.06	ng	99
21) C125 Vinyl Acetate	7.48	43	12332714	2239.16	ng	97
22) C051 2,2-Dichloropropane	8.23	77	1972858	475.27	ng	95
23) C056 cis-1,2-Dichloroethe	8.20	96	1451460	466.04	ng	96
24) C272 Tetrahydrofuran	8.55	42	2672513	2244.79	ng	98
25) C222 Bromochloromethane	8.50	128	713906	488.50	ng	# 89
26) C060 Chloroform	8.55	83	2205952	462.90	ng	100
27) C115 1,1,1-Trichloroethan	8.84	97	2141656	497.32	ng	96
28) C120 Carbon tetrachloride	9.05	117	1742636	516.40	ng	100
29) C116 1,1-Dichloropropene	9.02	75	1674608	481.31	ng	94
32) C165 Benzene	9.28	78	4939351	467.39	ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1435.D Vial: 6
Acq On : 26 Sep 2008 15:22 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54:33 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Initial Calibration
DataAcq Meth : VOA

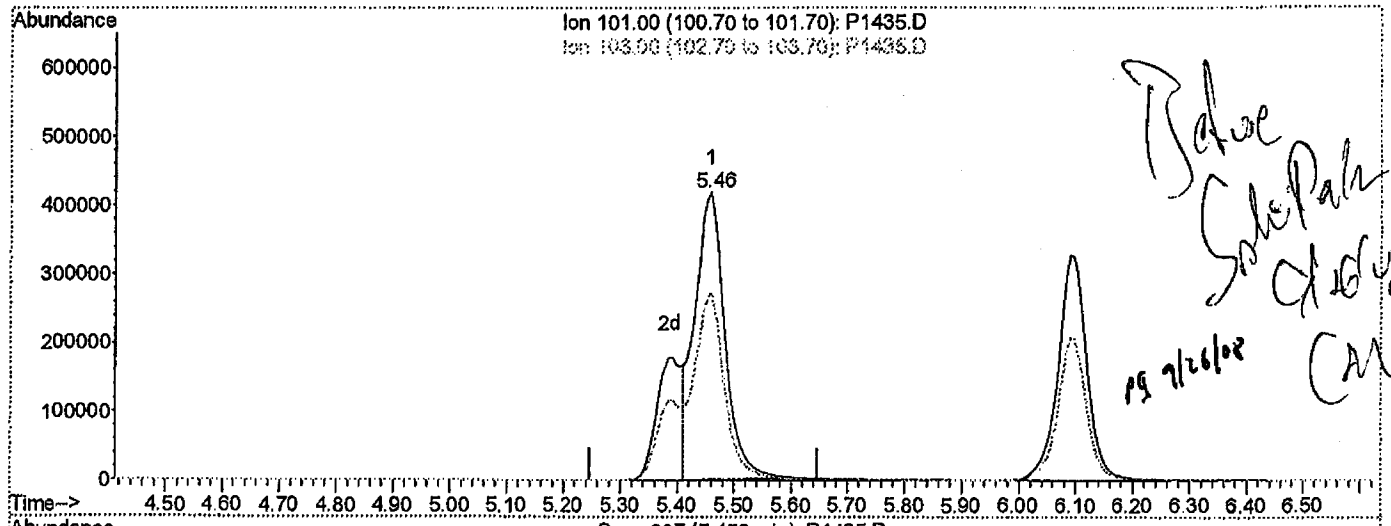
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	1930833	475.87	ng		95
34)	C110	2-Butanone	8.15	43	4293735	2426.08	ng		93
35)	C256	Cyclohexane	8.94	56	2409445	478.14	ng		90
36)	C150	Trichloroethene	10.04	95	1348939	484.00	ng		90
37)	C140	1,2-Dichloropropane	10.32	63	1353167	468.56	ng		95
38)	C278	Dibromomethane	10.48	93	905344	492.87	ng		92
39)	C130	Bromodichloromethane	10.63	83	1768348	519.03	ng		96
40)	C161	2-Chloroethylvinyl E	10.92	63	4659214	2227.00	ng	#	86
41)	C012	Methylcycolhexane	10.32	83	1751278	463.34	ng		87
42)	C145	cis-1,3-Dichloroprop	11.18	75	2168540	506.24	ng		91
45)	C230	Toluene	11.66	92	3226434	469.74	ng		94
46)	C170	trans-1,3-Dichloropr	11.87	75	2045645	511.70	ng		99
47)	C284	Ethyl Methacrylate	11.90	69	1858492	485.21	ng	#	73
48)	C160	1,1,2-Trichloroethan	12.14	83	1046259	481.95	ng		85
49)	C210	4-Methyl-2-pentanone	11.31	43	7945733	2185.54	ng	#	82
50)	C220	Tetrachloroethene	12.41	166	1115515	446.24	ng		95
51)	C221	1,3-Dichloropropane	12.38	76	1885423	447.91	ng		96
52)	C155	Dibromochloromethane	12.72	129	1403582	553.66	ng		100
53)	C163	1,2-Dibromoethane	12.93	107	1376593	497.57	ng		94
54)	C215	2-Hexanone	12.39	43	5383513	2126.12	ng		94
55)	C235	Chlorobenzene	13.58	112	3563262	476.54	ng		93
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	1251751	494.15	ng		95
57)	C240	Ethylbenzene	13.68	91	5815154	461.22	ng		96
58)	C246	m,p-Xylene	13.84	106	4255528	904.96	ng		96
59)	C247	o-Xylene	14.42	106	2182114	453.67	ng		94
60)	C245	Styrene	14.43	104	3574061	455.54	ng		90
63)	C180	Bromoform	14.75	173	995795	583.69	ng		97
64)	C966	Isopropylbenzene	14.92	105	5597536	467.50	ng		92
65)	C301	Bromobenzene	15.45	156	1485676	475.90	ng	#	86
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	1919423	492.47	ng		99
67)	C282	1,2,3-Trichloropropa	15.43	110	498305	464.41	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	1947957	2461.83	ng	#	46
69)	C302	n-Propylbenzene	15.53	91	6921100	471.35	ng		91
70)	C303	2-Chlorotoluene	15.71	126	1469710	476.77	ng		100
71)	C289	4-Chlorotoluene	15.86	126	1498324	477.48	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	4808597	472.63	ng	#	41
73)	C306	tert-Butylbenzene	16.27	134	967738	472.43	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	4883884	468.63	ng		94
75)	C308	sec-Butylbenzene	16.59	105	5407216	478.67	ng		95
76)	C260	1,3-Dichlorobenzene	16.82	146	2772983	462.65	ng		98
77)	C309	4-Isopropyltoluene	16.79	119	4876764	471.45	ng		97
78)	C267	1,4-Dichlorobenzene	16.94	146	2913177	466.30	ng		98
79)	C249	1,2-Dichlorobenzene	17.52	146	2912871	473.13	ng		96
80)	C310	n-Butylbenzene	17.41	91	4483532	473.51	ng		91
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	493749	544.42	ng		85
82)	C313	1,2,4-Trichlorobenze	19.95	180	2122903	473.67	ng		99
83)	C316	Hexachlorobutadiene	20.17	225	732751	468.32	ng		100
84)	C314	Naphthalene	20.35	128	7149892	485.87	ng		97
85)	C934	1,2,3-Trichlorobenze	20.73	180	2108391	474.38	ng		100

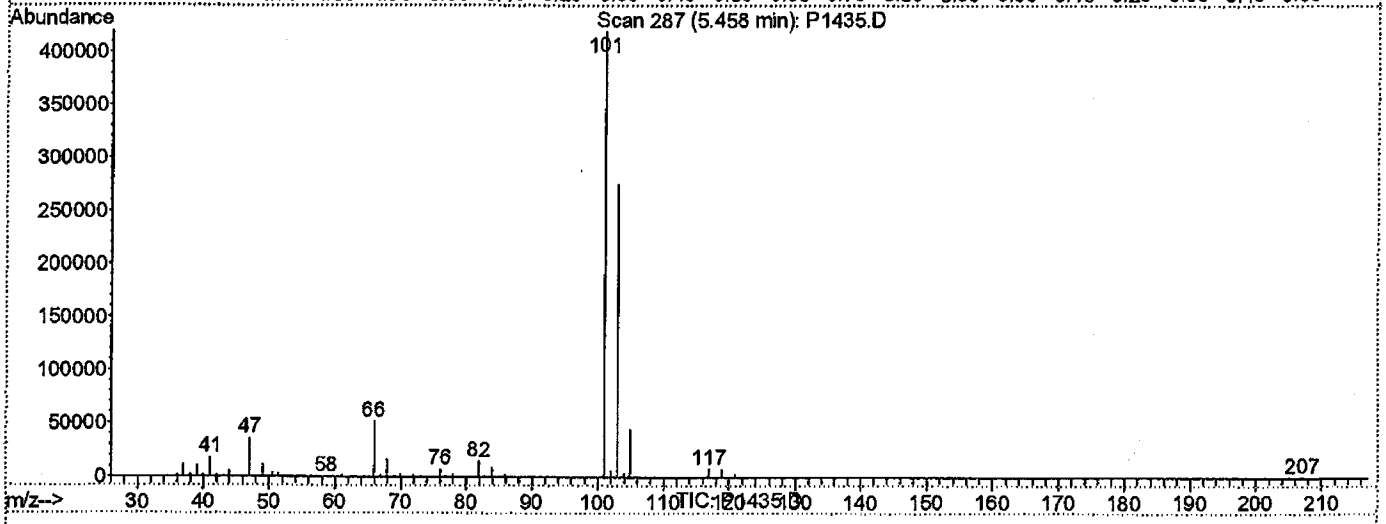
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1435.D Vial: 6
Acq On : 26 Sep 2008 15:22 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:54 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 351.69ng

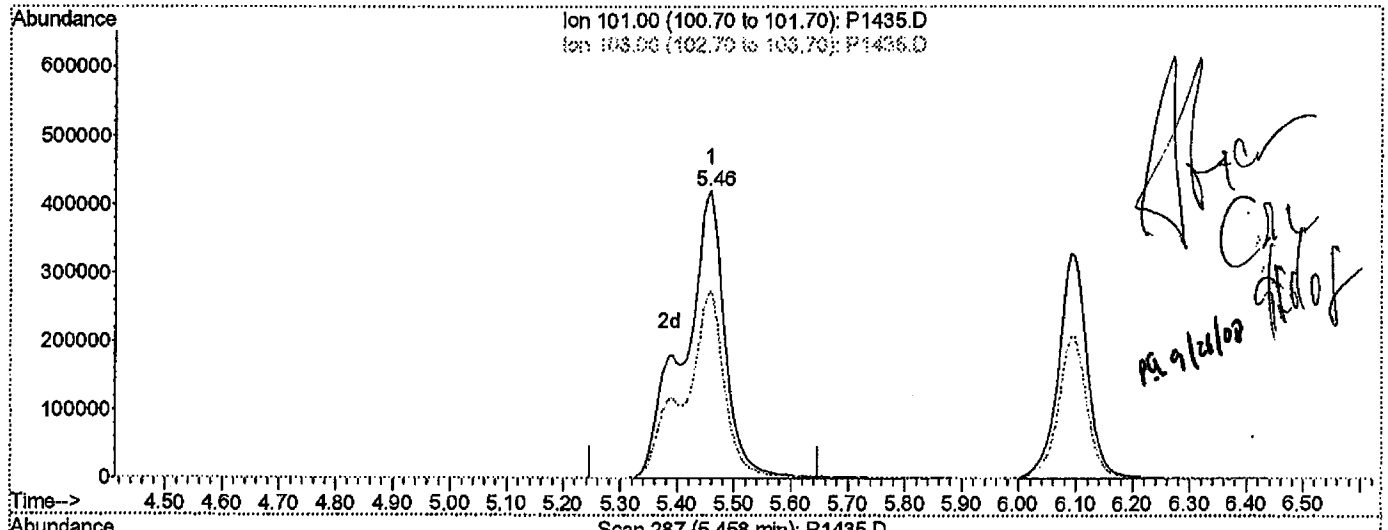
response 1536126

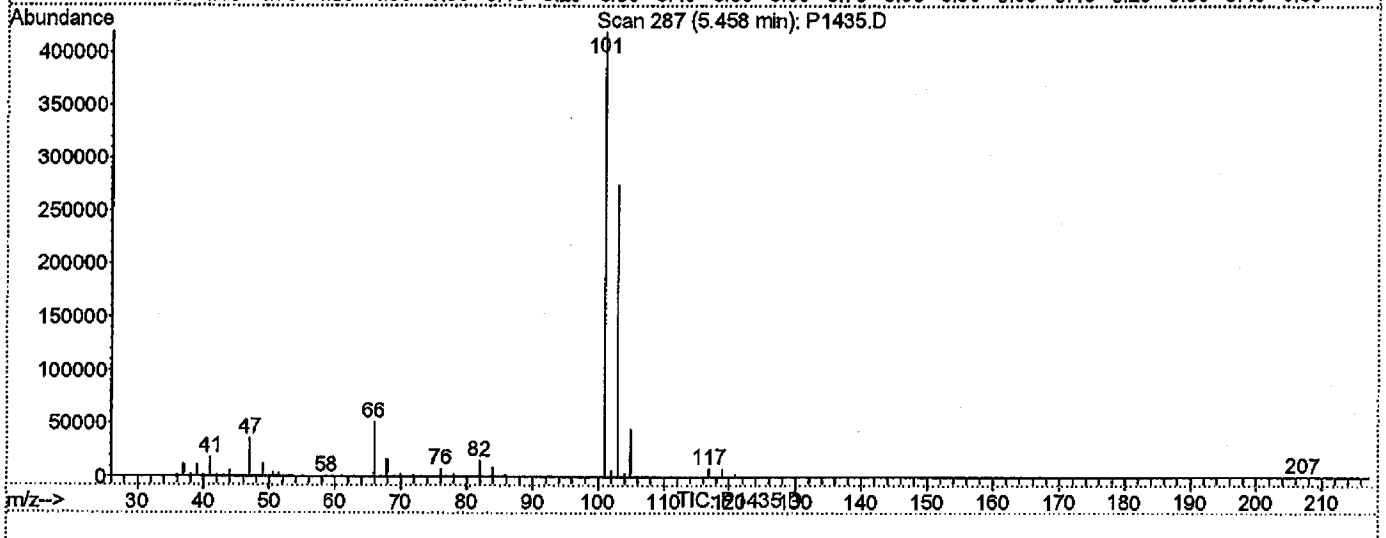
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1435.D Vial: 6
Acq On : 26 Sep 2008 15:22 Operator: LH
Sample : VSTD100 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 16:56 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 16:53:05 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.46min 485.88ng m

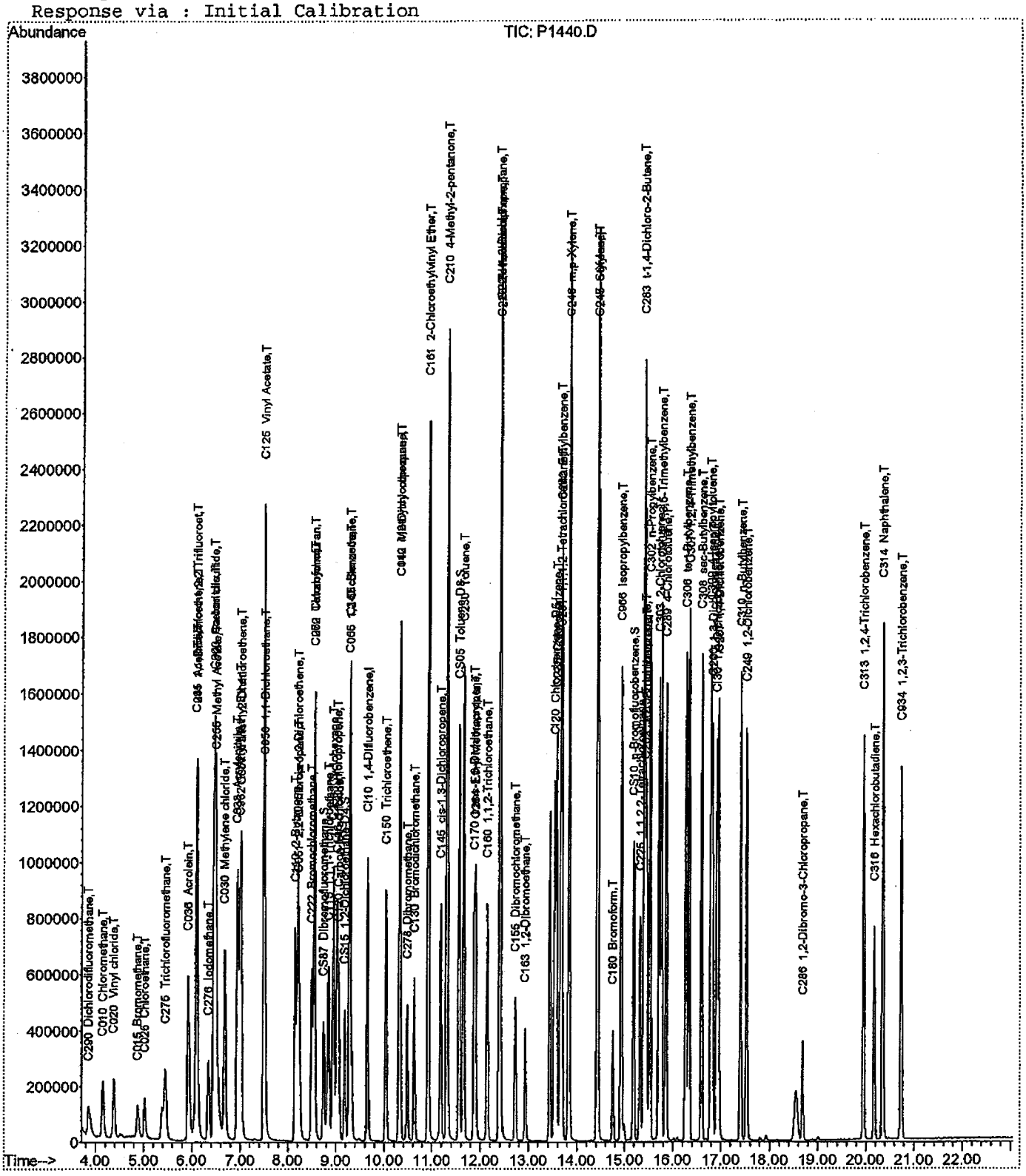
response 2122272

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	65.55
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\092608\P1440.D Vial: 3
Acq On : 26 Sep 2008 18:37 Operator: CDC
Sample : MSB/SSCALCHK Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 19:08 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 18:32:21 2008
Response via : Initial Calibration



Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1440.D Vial: 3
Acq On : 26 Sep 2008 18:37 Operator: CDC
Sample : MSB/SSCALCHK Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 19:07:54 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 18:32:21 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : C:\MSDCHEM\1\DATA\092608\P1438.D (26 Sep 2008 17:38)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	974794	125.00	ng		0.00 93.47%
43) CI20	Chlorobenzene-D5	13.54	117	906502	125.00	ng		0.00 94.65%
62) CI30	1,4-Dichlorobenzene-	16.91	152	483041	125.00	ng		0.00 95.88%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	8.74	111	321286	135.46	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	108.37%		
31) CS15	1,2-Dichloroethane-D	9.18	65	381599	129.47	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	103.58%		
44) CS05	Toluene-D8	11.56	98	1223077	138.08	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	110.46%		
61) CS10	p-Bromofluorobenzene	15.19	174	376841	132.39	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	105.91%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	3.86	85	320550	131.59	ng		98
3) C010	Chloromethane	4.15	50	348907	121.38	ng		99
4) C020	Vinyl chloride	4.38	62	322547	129.50	ng		99
5) C015	Bromomethane	4.87	94	119442	120.66	ng		98
6) C025	Chloroethane	5.02	64	187230	127.01	ng		99
7) C275	Trichlorofluorometha	5.45	101	543419m	124.33	ng		98
8) C045	1,1-Dichloroethene	6.10	96	349133	133.81	ng		96
9) C030	Methylene chloride	6.68	84	406544	127.61	ng		99
10) C040	Carbon disulfide	6.46	76	1155079	137.87	ng		99
11) C036	Acrolein	5.93	56	907310	1767.00	ng		98
12) C038	Acrylonitrile	6.93	53	1019691	690.74	ng		99
13) C035	Acetone	6.10	43	750706	696.69	ng		95
14) C300	Acetonitrile	6.45	41	2982682	5217.76	ng		99
15) C276	Iodomethane	6.33	142	483815	108.05	ng		96
16) C291	1,1,2 Trichloro-1,2,	6.09	101	347419	141.79	ng		91
17) C962	T-butyl Methyl Ether	6.99	73	1163700	137.09	ng		97
18) C057	trans-1,2-Dichloroet	7.02	96	375511	131.23	ng		97
19) C255	Methyl Acetate	6.49	43	472727	95.73	ng		96
20) C050	1,1-Dichloroethane	7.51	63	664228	128.83	ng		98
21) C125	Vinyl Acetate	7.48	43	4166254	755.95	ng		96
22) C051	2,2-Dichloropropane	8.23	77	542770	130.67	ng		92
23) C056	cis-1,2-Dichloroethe	8.20	96	400623	128.55	ng		95
24) C272	Tetrahydrofuran	8.55	42	781230	655.78	ng		96
25) C222	Bromochloromethane	8.49	128	192408	131.57	ng	#	89
26) C060	Chloroform	8.55	83	613176	128.59	ng		100
27) C115	1,1,1-Trichloroethan	8.84	97	566358	131.43	ng		98
28) C120	Carbon tetrachloride	9.05	117	454516	134.60	ng		99
29) C116	1,1-Dichloropropene	9.02	75	457567	131.43	ng		94
32) C165	Benzene	9.28	78	1396550	132.06	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\MSDCHEM\1\DATA\092608\P1440.D Vial: 3
Acq On : 26 Sep 2008 18:37 Operator: CDC
Sample : MSB/SSCALCHK Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 19:07:54 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 18:32:21 2008
Response via : Initial Calibration
DataAcq Meth : VOA

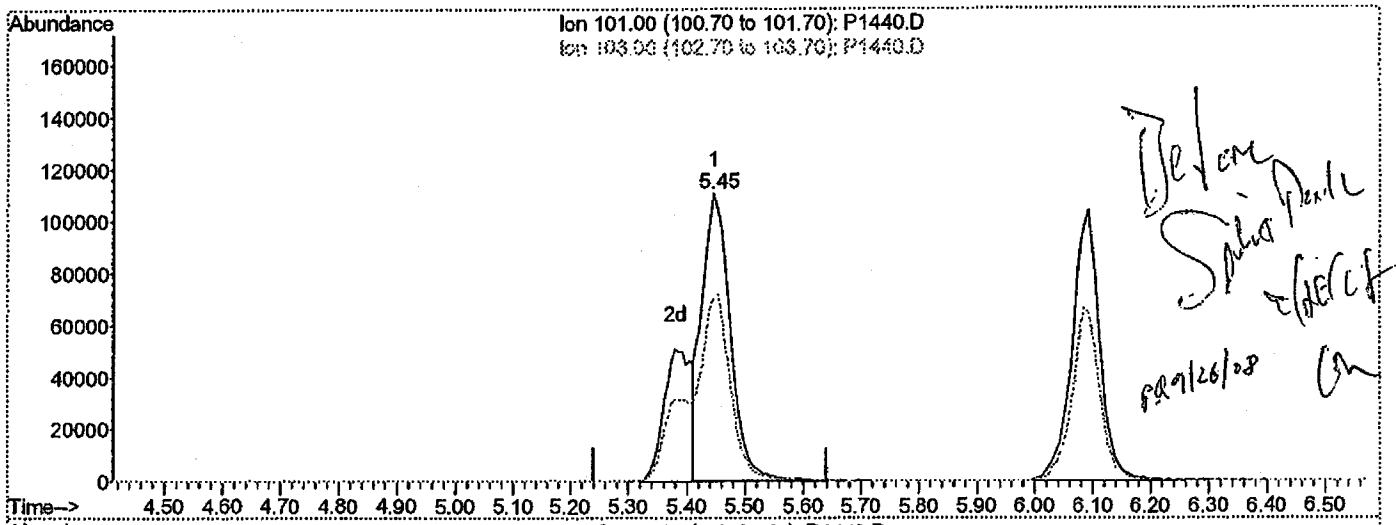
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	519453	127.94	ng		93
34)	C110	2-Butanone	8.15	43	1232012	695.68	ng		92
35)	C256	Cyclohexane	8.94	56	709641	140.73	ng		89
36)	C150	Trichloroethene	10.03	95	371346	133.15	ng		92
37)	C140	1,2-Dichloropropane	10.32	63	380171	131.56	ng		94
38)	C278	Dibromomethane	10.48	93	243247	132.34	ng		92
39)	C130	Bromodichloromethane	10.63	83	461473	135.36	ng		97
40)	C161	2-Chloroethylvinyl E	10.92	63	1362116	650.65	ng	#	88
41)	C012	Methylcycolhexane	10.32	83	530167	140.18	ng		87
42)	C145	cis-1,3-Dichloroprop	11.18	75	582293	135.85	ng		91
45)	C230	Toluene	11.65	92	903241	131.97	ng		93
46)	C170	trans-1,3-Dichloropr	11.87	75	537542	134.94	ng		100
47)	C284	Ethyl Methacrylate	11.90	69	524580	137.44	ng	#	75
48)	C160	1,1,2-Trichloroethan	12.14	83	283934	131.26	ng		87
49)	C210	4-Methyl-2-pentanone	11.31	43	2503782	691.14	ng	#	84
50)	C220	Tetrachloroethene	12.41	166	333367	133.83	ng		97
51)	C221	1,3-Dichloropropane	12.38	76	550637	131.28	ng		97
52)	C155	Dibromochloromethane	12.72	129	345907	136.94	ng		99
53)	C163	1,2-Dibromoethane	12.93	107	363892	132.00	ng		94
54)	C215	2-Hexanone	12.39	43	1791285	709.96	ng		97
55)	C235	Chlorobenzene	13.58	112	987386	132.52	ng		91
56)	C281	1,1,1,2-Tetrachloroe	13.66	131	338285	134.02	ng		92
57)	C240	Ethylbenzene	13.68	91	1661383	132.24	ng		96
58)	C246	m,p-Xylene	13.84	106	1240470	264.73	ng		99
59)	C247	o-Xylene	14.42	106	639790	133.49	ng		96
60)	C245	Styrene	14.43	104	1071691	137.08	ng		93
63)	C180	Bromoform	14.75	173	238784	128.49	ng		97
64)	C966	Isopropylbenzene	14.92	105	1453882	122.65	ng		92
65)	C301	Bromobenzene	15.45	156	409321	132.44	ng	#	85
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	531213	137.67	ng		99
67)	C282	1,2,3-Trichloropropa	15.43	110	127991	120.49	ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	505481	645.27	ng	#	47
69)	C302	n-Propylbenzene	15.53	91	1916037	131.80	ng		92
70)	C303	2-Chlorotoluene	15.71	126	407694	133.59	ng		100
71)	C289	4-Chlorotoluene	15.86	126	410594	132.17	ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	1341828	133.22	ng	#	42
73)	C306	tert-Butylbenzene	16.27	134	271903	134.08	ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	1386262	134.36	ng		95
75)	C308	sec-Butylbenzene	16.59	105	1601373	143.19	ng		96
76)	C260	1,3-Dichlorobenzene	16.82	146	780370	131.51	ng		97
77)	C309	4-Isopropyltoluene	16.78	119	1332499	130.11	ng		98
78)	C267	1,4-Dichlorobenzene	16.94	146	807675	130.58	ng		98
79)	C249	1,2-Dichlorobenzene	17.52	146	809042	132.74	ng		97
80)	C310	n-Butylbenzene	17.41	91	1246935	133.02	ng		91
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	117611	130.99	ng		91
82)	C313	1,2,4-Trichlorobenze	19.95	180	591921	133.40	ng		100
83)	C316	Hexachlorobutadiene	20.17	225	201869	130.32	ng		98
84)	C314	Naphthalene	20.36	128	1946615	133.62	ng		96
85)	C934	1,2,3-Trichlorobenze	20.73	180	571744	129.94	ng		98

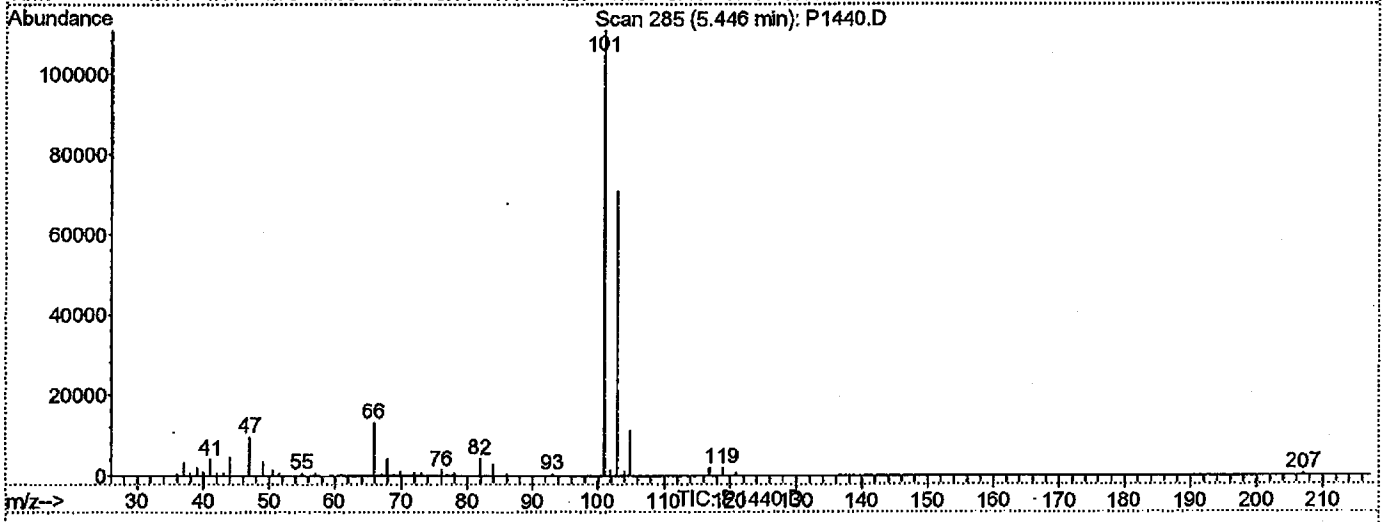
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1440.D Vial: 3
Acq On : 26 Sep 2008 18:37 Operator: CDC
Sample : MSB/SSCALCHK Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 19:07 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 18:32:21 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 85.10ng

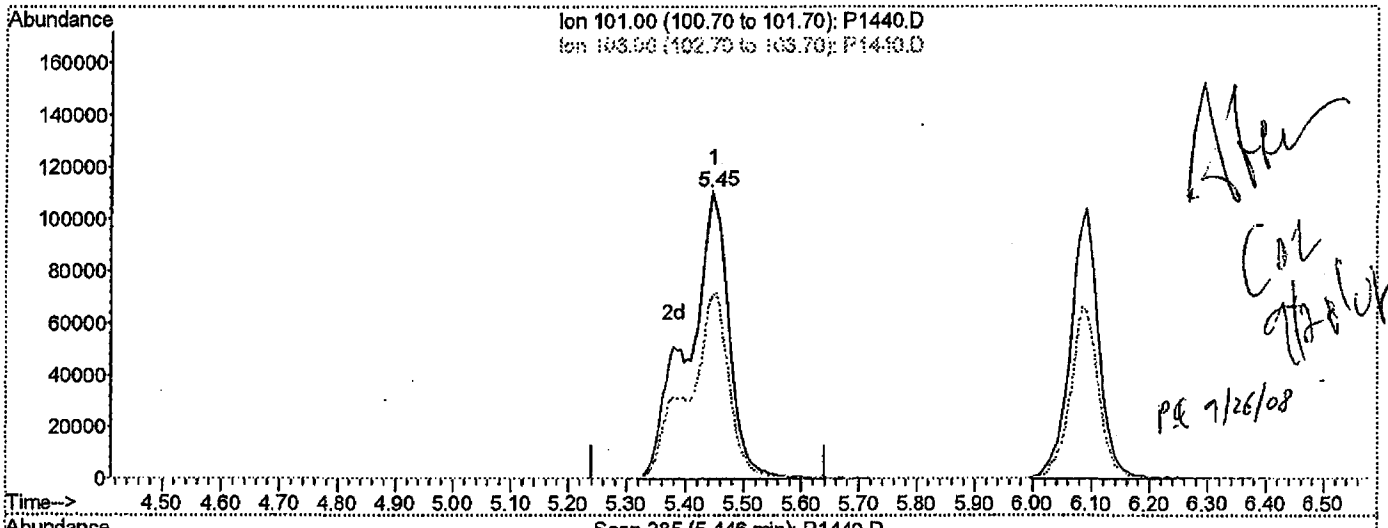
response 371951

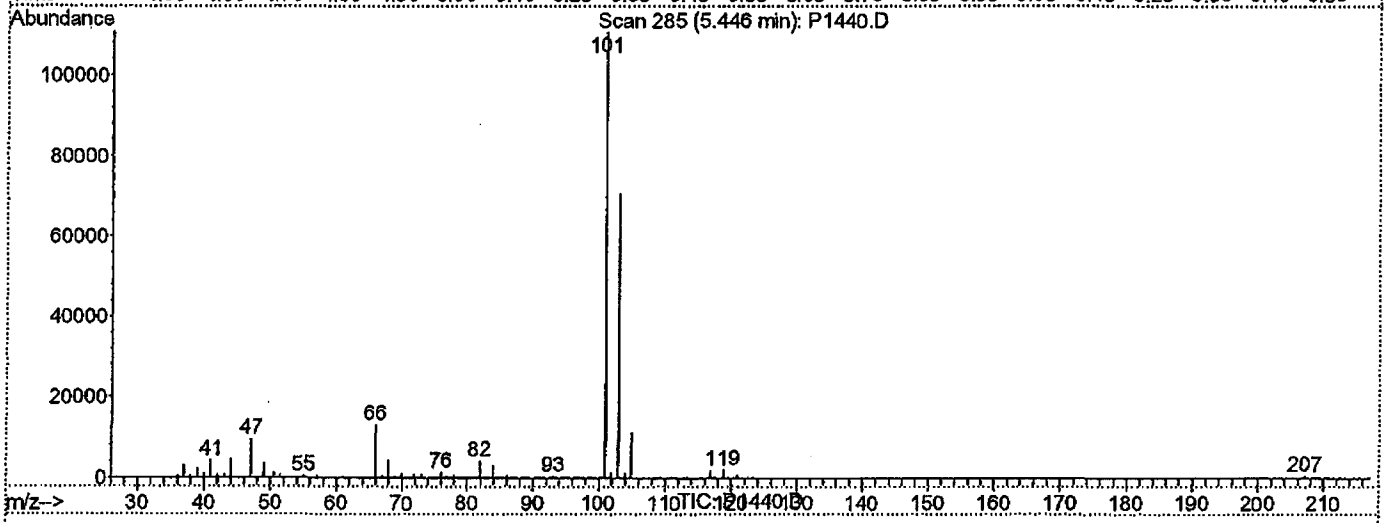
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\092608\P1440.D Vial: 3
Acq On : 26 Sep 2008 18:37 Operator: CDC
Sample : MSB/SSCALCHK Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 19:08 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Sep 26 18:32:21 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 124.33ng m

response 543419

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.75
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000712-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973S Calibration Dates(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Calibration Times: 00:15 02:15

GC Column: ZB-624 ID: 0.18(mm)

Lab File ID: RRF1 = S8272.RR RRF5 = S8273.RR RRF10 = S8274.RR
RRF25 = S8275.RR RRF50 = S8276.RR RRF100 = S8277.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.453	0.419	0.384	0.409	0.380	0.374	0.4030	7.400
Bromomethane	0.180	0.162	0.136	0.131	0.130	0.142	0.1470	13.500
Vinyl chloride	0.452	0.423	0.377	0.412	0.366	0.399	0.4050	7.800
Chloroethane	0.133	0.113	0.106	0.111	0.103	0.108	0.1120	9.700
Methylene chloride	0.929	0.464	0.391	0.376	0.366	0.347	0.4790	46.800
Acetone	0.063	0.055	0.056	0.056	0.054	0.053	0.0560	6.600
Carbon Disulfide	1.012	0.914	0.827	0.901	0.814	0.883	0.8920	8.000
1,1-Dichloroethene	0.337	0.351	0.319	0.340	0.330	0.324	0.3330	3.500
1,1-Dichloroethane	0.690	0.685	0.623	0.653	0.656	0.633	0.6570	4.100
cis-1,2-Dichloroethene	0.385	0.401	0.372	0.383	0.386	0.375	0.3840	2.600
trans-1,2-Dichloroethene	0.379	0.390	0.355	0.371	0.367	0.353	0.3690	3.800
Chloroform	0.656	0.639	0.609	0.623	0.612	0.602	0.6240	3.300
1,2-Dichloroethane	0.466	0.454	0.434	0.437	0.430	0.422	0.4400	3.600
2-Butanone	0.071	0.075	0.080	0.080	0.076	0.076	0.0760	4.500
1,1,1-Trichloroethane	0.556	0.577	0.536	0.571	0.567	0.565	0.5620	2.600
Carbon Tetrachloride	0.440	0.461	0.444	0.476	0.465	0.473	0.4600	3.300
Bromodichloromethane	0.383	0.409	0.395	0.419	0.425	0.431	0.4100	4.500
1,2-Dichloropropane	0.355	0.358	0.337	0.346	0.341	0.339	0.3460	2.500
cis-1,3-Dichloropropene	0.431	0.485	0.478	0.512	0.518	0.524	0.4910	7.100
Trichloroethene	0.393	0.391	0.355	0.375	0.367	0.370	0.3750	3.900
Dibromochloromethane	0.409	0.452	0.456	0.497	0.501	0.508	0.4700	8.100
1,1,2-Trichloroethane	0.396	0.387	0.370	0.378	0.368	0.359	0.3760	3.500
Benzene	1.558	1.568	1.435	1.484	1.445	1.415	1.4840	4.400
trans-1,3-Dichloropropene	0.705	0.742	0.754	0.816	0.829	0.833	0.7800	6.800
Bromoform	0.189	0.234	0.240	0.266	0.280	0.294	0.2500	15.200
4-Methyl-2-pentanone	0.268	0.291	0.329	0.333	0.306	0.304	0.3050	7.900
2-Hexanone	0.152	0.183	0.212	0.220	0.204	0.208	0.1970	12.800
Tetrachloroethene	0.774	0.766	0.693	0.726	0.705	0.693	0.7260	5.000
1,1,2,2-Tetrachloroethane	0.557	0.596	0.599	0.605	0.582	0.581	0.5870	3.000
Toluene	1.841	1.893	1.752	1.828	1.787	1.730	1.8050	3.400
Chlorobenzene	1.953	1.854	1.727	1.774	1.748	1.703	1.7930	5.200
Ethylbenzene	3.160	3.437	3.237	3.444	3.348	3.282	3.3180	3.400
Styrene	1.450	1.820	1.764	1.888	1.864	1.853	1.7730	9.200
Total Xylenes	0.956	1.107	1.075	1.141	1.128	1.113	1.0870	6.200
1,1,2-Trichloro-1,2,2-trifl	0.336	0.337	0.297	0.322	0.269	0.300	0.3100	8.400
1,2,4-Trichlorobenzene	0.692	0.723	0.716	0.846	0.897	0.913	0.7980	12.400
1,2-Dibromo-3-chloropropane	0.000	0.077	0.085	0.090	0.092	0.096	0.0880	8.200

METHOD 8260 - AQUEOUS (15% RSD)
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000712-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973S Calibration Dates(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Calibration Times: 00:15 02:15

GC Column: ZB-624 ID: 0.18(mm)

Lab File ID: RRF1 = S8272.RR RRF5 = S8273.RR RRF10 = S8274.RR
RRF25 = S8275.RR RRF50 = S8276.RR RRF100 = S8277.RR

COMPOUND	RRF1	RRF5	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2-Dibromoethane	0.376	0.420	0.407	0.425	0.416	0.415	0.4100	4.300
1,2-Dichlorobenzene	1.506	1.513	1.427	1.462	1.448	1.412	1.4610	2.800
1,3-Dichlorobenzene	1.807	1.751	1.604	1.627	1.559	1.509	1.6430	7.000
1,4-Dichlorobenzene	1.972	1.730	1.590	1.620	1.588	1.561	1.6770	9.300
Cyclohexane	0.632	0.668	0.597	0.653	0.547	0.600	0.6160	7.200
Dichlorodifluoromethane	0.380	0.355	0.304	0.347	0.295	0.343	0.3370	9.600
Methyl acetate	0.302	0.256	0.270	0.275	0.255	0.248	0.2680	7.200
Trichlorofluoromethane	0.564	0.541	0.487	0.536	0.460	0.523	0.5180	7.400
Methyl-t-Butyl Ether (MTBE)	0.631	0.660	0.688	0.713	0.692	0.692	0.6790	4.300
Isopropylbenzene	3.080	3.820	3.616	3.923	3.855	3.832	3.6880	8.500
Methylcyclohexane	0.581	0.630	0.574	0.636	0.530	0.613	0.5940	6.800
Toluene-D8	3.026	2.382	2.305	2.721	2.563	2.484	2.5800	10.200
p-Bromofluorobenzene	0.831	0.620	0.613	0.767	0.711	0.704	0.7080	11.900
1,2-Dichloroethane-D4	0.474	0.332	0.346	0.393	0.364	0.361	0.3780	13.500

Comments:

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : A8I0000712-SIXPT.M
Title : 8260 5ML WATER
Last Update : Fri Sep 26 09:10:52 2008
Response Via : Initial Calibration

A8I...712

Calibration Files
1 =S8272.D 2 =S8273.D 3 =S8274.D
4 =S8275.D 5 =S8276.D 6 =S8277.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.380	0.355	0.303	0.347	0.295	0.343	0.337	9.59
3)	T	C010	Chloromethane	0.453	0.419	0.384	0.409	0.380	0.374	0.403	7.46
4)	T	C020	Vinyl chlorid	0.452	0.423	0.377	0.412	0.366	0.399	0.405	7.79
5)	T	C015	Bromomethane	0.180	0.162	0.136	0.131	0.130	0.142	0.147	13.48
6)	T	C025	Chloroethane	0.133	0.113	0.105	0.110	0.103	0.108	0.112	9.70
7)	T	C275	Trichlorofluo	0.564	0.541	0.487	0.536	0.460	0.523	0.518	7.35
8)	T	C045	1,1-Dichloroe	0.337	0.351	0.319	0.340	0.330	0.324	0.333	3.51
9)	T	C030	Methylene chl	0.929	0.464	0.391	0.376	0.366	0.347	-----	
									L	M= 0.342 R=1.000	
										B= 0.029	
10)	T	C040	Carbon disulf	1.012	0.914	0.827	0.901	0.814	0.883	0.892	8.00
11)	T	C036	Acrolein	0.041	0.039	0.040	0.039	0.037	0.036	0.038	4.54
12)	T	C038	Acrylonitrile	0.083	0.080	0.083	0.082	0.078	0.076	0.080	3.56
13)	T	C035	Acetone	0.063	0.055	0.056	0.056	0.054	0.053	0.056	6.62
14)	T	C300	Acetonitrile	0.030	0.026	0.026	0.026	0.024	0.023	0.026	9.00
15)	T	C276	Iodomethane	0.194	0.242	0.306	0.409	0.404	0.437	-----	
									L	M= 0.442 R=0.999	
										B= -0.038	
16)	T	C291	1,1,2-Trichlo	0.335	0.337	0.297	0.322	0.269	0.300	0.310	8.42
17)	T	C962	T-butyl Methy	0.631	0.660	0.688	0.713	0.692	0.692	0.679	4.27
18)	T	C057	trans-1,2-Dic	0.379	0.390	0.355	0.371	0.367	0.353	0.369	3.84
19)	T	C255	Methyl Acetat	0.302	0.256	0.270	0.275	0.255	0.248	0.268	7.23
20)	T	C050	1,1-Dichloroe	0.690	0.685	0.623	0.653	0.656	0.633	0.657	4.06
21)	T	C125	Vinyl Acetate	0.342	0.373	0.396	0.404	0.388	0.382	0.381	5.78
22)	T	C051	2,2-Dichlorop	0.445	0.469	0.425	0.465	0.481	0.465	0.458	4.39
23)	T	C056	cis-1,2-Dichl	0.385	0.401	0.372	0.383	0.386	0.375	0.384	2.63
24)	T	C272	Tetrahydrofur	0.044	0.045	0.049	0.051	0.048	0.048	0.047	5.73
25)	T	C222	Bromochlorome	0.147	0.155	0.148	0.150	0.151	0.146	0.150	2.18
26)	S	CS87	Dibromofluoro	0.361	0.283	0.280	0.326	0.306	0.302	0.309	9.81
27)	T	C060	Chloroform	0.656	0.639	0.609	0.623	0.612	0.602	0.624	3.30
28)	T	C115	1,1,1-Trichlo	0.556	0.577	0.536	0.571	0.567	0.565	0.562	2.61
29)	T	C120	Carbon tetrac	0.440	0.461	0.444	0.476	0.465	0.473	0.460	3.28
30)	T	C116	1,1-Dichlorop	0.463	0.503	0.459	0.497	0.482	0.481	0.481	3.67
31)	S	CS15	1,2-Dichloroe	0.474	0.332	0.346	0.393	0.364	0.361	0.378	13.53
32)	T	C165	Benzene	1.558	1.568	1.435	1.484	1.445	1.415	1.484	4.39
33)	T	C065	1,2-Dichloroe	0.465	0.454	0.434	0.437	0.430	0.422	0.440	3.65
34)	T	C110	2-Butanone	0.071	0.075	0.080	0.080	0.076	0.076	0.076	4.57
35)	T	C256	Cyclohexane	0.632	0.668	0.597	0.653	0.547	0.600	0.616	7.17
36)	T	C150	Trichloroethe	0.393	0.391	0.355	0.375	0.367	0.370	0.375	3.91
37)	T	C140	1,2-Dichlorop	0.355	0.358	0.337	0.346	0.341	0.339	0.346	2.50
38)	T	C278	Dibromomethan	0.171	0.163	0.160	0.168	0.163	0.161	0.164	2.62
39)	T	C130	Bromodichloro	0.383	0.409	0.395	0.419	0.425	0.431	0.410	4.49
40)	T	C161	2-Chloroethyl	0.132	0.147	0.156	0.156	0.146	0.137	0.146	6.79
41)	T	C012	Methylcyclohe	0.581	0.630	0.574	0.636	0.530	0.613	0.594	6.78
42)	T	C145	cis-1,3-Dichl	0.431	0.485	0.478	0.511	0.518	0.524	0.491	7.08
43)	I	CI20	Chlorobenzene-D	ISTD							
44)	S	CS05	Toluene-D8	3.026	2.382	2.305	2.721	2.563	2.484	2.580	10.16
45)	T	C230	Toluene	1.841	1.893	1.752	1.828	1.787	1.730	1.805	3.35
46)	T	C170	trans-1,3-Dic	0.705	0.742	0.754	0.816	0.829	0.833	0.780	6.85
47)	T	C284	Ethyl Methacr	0.386	0.486	0.534	0.596	0.572	0.604	-----	
									L	M= 0.605 R=0.999	
										B= -0.021	
48)	T	C160	1,1,2-Trichlo	0.396	0.387	0.370	0.378	0.368	0.359	0.376	3.55
49)	T	C210	4-Methyl-2-pe	0.268	0.291	0.329	0.333	0.306	0.304	0.305	7.94

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : A8I0000712-SIXPT.M
Title : 8260 5ML WATER
Last Update : Fri Sep 26 09:10:52 2008
Response Via : Initial Calibration

Calibration Files
1 =S8272.D 2 =S8273.D 3 =S8274.D
4 =S8275.D 5 =S8276.D 6 =S8277.D

50)	T	C220	Tetrachloroet	0.774	0.766	0.693	0.726	0.704	0.693	0.726	4.99
51)	T	C221	1,3-Dichlorop	0.858	0.842	0.832	0.839	0.822	0.810	0.834	2.01
52)	T	C155	Dibromochloro	0.409	0.452	0.456	0.497	0.501	0.508	0.470	8.12
53)	T	C163	1,2-Dibromoet	0.376	0.420	0.407	0.425	0.416	0.415	0.410	4.29
54)	T	C215	2-Hexanone	0.152	0.183	0.212	0.220	0.204	0.208	0.196	12.77
55)	T	C235	Chlorobenzene	1.953	1.854	1.727	1.774	1.748	1.703	1.793	5.24
56)	T	C281	1,1,1,2-Tetra	0.560	0.580	0.536	0.587	0.577	0.565	0.567	3.23
57)	T	C240	Ethylbenzene	3.160	3.437	3.237	3.444	3.347	3.282	3.318	3.40
58)	T	C246	m,p-Xylene	1.153	1.276	1.182	1.227	1.183	1.151	1.195	4.03
59)	T	C247	o-Xylene	0.956	1.107	1.075	1.141	1.128	1.113	1.087	6.24
60)	T	C245	Styrene	1.450	1.820	1.764	1.888	1.864	1.853	1.773	9.25
61)	T	C180	Bromoform	0.189	0.234	0.240	0.266	0.280	0.294	-----	
								L	M= 0.297 R=0.999		
									B= -0.021		
62)	S	CS10	p-Bromofluoro	0.831	0.620	0.613	0.767	0.711	0.704	0.708	11.94
63)	I	CI30	1,4-Dichloroben	----------	----------	----------	ISTD	----------	----------	----------	
64)	T	C966	Isopropylbenz	3.080	3.820	3.616	3.923	3.855	3.832	3.688	8.54
65)	T	C301	Bromobenzene	0.861	0.840	0.822	0.833	0.818	0.821	0.833	1.93
66)	T	C225	1,1,2,2-Tetra	0.557	0.596	0.599	0.605	0.582	0.581	0.587	2.95
67)	T	C282	1,2,3-Trichlo	0.145	0.189	0.196	0.184	0.176	0.171	0.177	10.27
68)	T	C283	t-1,4-Dichlor	0.107	0.118	0.120	0.118	0.113	0.110	0.114	4.41
69)	T	C302	n-Propylbenze	4.137	5.114	4.860	5.034	4.895	4.755	4.799	7.26
70)	T	C303	2-Chlorotolue	0.785	0.897	0.835	0.861	0.849	0.847	0.846	4.33
71)	T	C289	4-Chlorotolue	0.820	0.929	0.857	0.896	0.878	0.863	0.874	4.23
72)	T	C304	1,3,5-Trimeth	2.675	3.287	3.099	3.267	3.240	3.200	3.128	7.41
73)	T	C306	tert-Butylben	0.503	0.647	0.630	0.691	0.667	0.670	0.635	10.65
74)	T	C307	1,2,4-Trimeth	2.554	3.186	3.071	3.225	3.165	3.126	3.055	8.21
75)	T	C308	sec-Butylbenz	2.862	3.665	3.446	3.752	3.688	3.704	3.519	9.64
76)	T	C260	1,3-Dichlorob	1.807	1.751	1.604	1.627	1.559	1.508	1.643	6.97
77)	T	C309	4-Isopropylto	2.421	3.244	3.173	3.384	3.322	3.310	3.142	11.47
78)	T	C267	1,4-Dichlorob	1.972	1.730	1.590	1.620	1.588	1.561	1.677	9.31
79)	T	C249	1,2-Dichlorob	1.506	1.513	1.427	1.462	1.448	1.412	1.461	2.81
80)	T	C310	n-Butylbenzen	2.116	2.693	2.695	3.027	3.031	3.072	2.772	13.15
81)	T	C286	1,2-Dibromo-3	0.135	0.077	0.085	0.090	0.092	0.096	-----	
								L	M= 0.096 R=0.999		
									B= -0.004		
82)	T	C313	1,2,4-Trichlo	0.692	0.723	0.716	0.846	0.897	0.913	0.798	12.38
83)	T	C316	Hexachlorobut	0.513	0.441	0.422	0.459	0.475	0.485	0.466	6.95
84)	T	C314	Naphthalene	0.830	1.000	1.212	1.486	1.620	1.655	-----	
								L	M= 1.685 R=0.999		
									B= -0.144		
85)	T	C934	1,2,3-Trichlo	0.544	0.599	0.644	0.723	0.751	0.755	0.669	13.04

Total Average %RSD 6.48

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000712-SIXPT.M Fri Sep 26 09:11:33 2008 HP5973S

Date: 10/06/2008 ICC Profile Page: 1
Time: 15:21:57 Rept: AN0287R

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D
Fraction: MV

No of Points: 6 Default Min. RRF: 0.3000 QC Approver: LH
CCC Conc: 125.00 QC Date: 03/31/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
2	123-91-1	1,4-Dioxane	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	250.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	25.0000	50.0000	125.0000	125.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000	0.0000
150	75-00-3	Chloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
201	110-54-3	Hexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5	Heptane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6	1,1-Dimethoxyethane	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9	Propylene Oxide	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8	1,2-Dibromo-3-chloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4	1,2-Dibromoethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3	Dibromomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1	1,2-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1	1,3-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7	1,4-Dichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8	Dichlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3	1,1-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2	1,2-Dichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4	1,1-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9	Tetrahydrofuran	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2	cis-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5	trans-1,2-Dichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5	1,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9	1,3-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7	2,2-Dichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6	1,1-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5	cis-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6	trans-1,3-Dichloropropene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4	Ethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3	Hexachlorobutadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6	2-Hexanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8	Isopropylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6	p-Cymene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2	Methylene chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1	4-Methyl-2-pentanone	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3	Naphthalene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1	n-Propylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5	Styrene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6	1,1,1,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5	1,1,2,2-Tetrachloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4	Tetrachloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3	Toluene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6	1,2,3-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1	1,2,4-Trichlorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6	1,1,1-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5	1,1,2-Trichloroethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6	Trichloroethene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4	Trichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4	1,2,3-Trichloropropane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6	1,2,4-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8	1,3,5-Trimethylbenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4	Vinyl chloride	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7	Total Xylenes	15.0000	75.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2	1,2-Dichloroethane-D4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5	Toluene-D8	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4	p-Bromofluorobenzene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1	1,2-Dichlorobenzene-d4	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

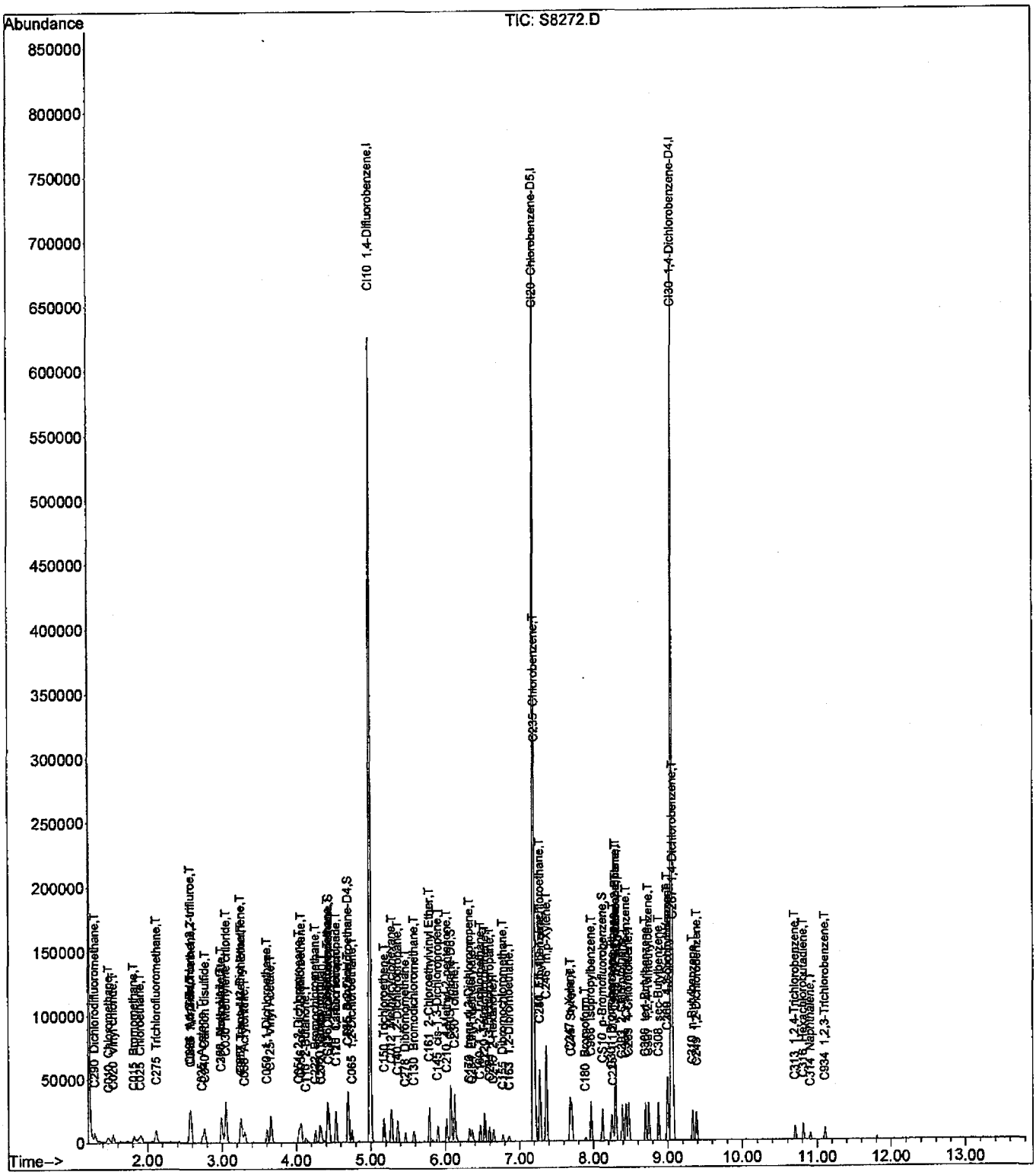
ICC Profile Code: A00276 METHOD 8260 low 5ML PURGE 6PT 15% D (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
670	SU106-46-7	1,4-Dichlorobenzene-D4	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
680	3114-55-4	Chlorobenzene-D5	125.0000	125.0000	125.0000	125.0000	125.0000	125.0000
690	540-36-3	1,4-Difluorobenzene	125.0000	125.0000	125.0000	125.0000	125.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	125.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	50.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000	0.0000
982	141-78-6	Ethyl acetate	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	25.0000	50.0000	125.0000	250.0000	500.0000

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8272.D Vial: 6
Acq On : 26 Sep 2008 00:15 Operator: ND
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:40:13 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8272.D Vial: 6
Acq On : 26 Sep 2008 00:15 Operator: ND
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:13 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	361145	125.00	ng	0.00 98.59%
43) CI20	Chlorobenzene-D5	7.19	82	189378	125.00	ng	0.00 99.79%
63) CI30	1,4-Dichlorobenzene-	9.06	152	147819	125.00	ng	0.00 97.57%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	5214	4.72	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	3.78%#	
31) CS15	1,2-Dichloroethane-D	4.69	65	6849	4.79	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	3.83%#	
44) CS05	Toluene-D8	6.07	98	22925	5.16	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	4.13%#	
62) CS10	p-Bromofluorobenzene	8.12	174	6298	5.76	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	4.61%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	5494	3.96	ng	# 100
3) C010	Chloromethane	1.48	50	6541	4.16	ng	98
4) C020	Vinyl chloride	1.54	62	6534	4.42	ng	91
5) C015	Bromomethane	1.82	94	2595	5.44	ng	79
6) C025	Chloroethane	1.90	64	1926	5.11	ng	91
7) C275	Trichlorofluorometha	2.11	101	8142	3.99	ng	95
8) C045	1,1-Dichloroethene	2.59	96	4870	4.21	ng	92
9) C030	Methylene chloride	3.05	84	13425	8.80	ng	88
10) C040	Carbon disulfide	2.77	76	14622	4.09	ng	95
11) C036	Acrolein	2.57	56	11720	93.94	ng	97
12) C038	Acrylonitrile	3.31	53	6028	21.42	ng	97
13) C035	Acetone	2.73	43	4568	18.18	ng	82
14) C300	Acetonitrile	2.99	41	17468	168.41	ng	97
15) C276	Iodomethane	2.74	142	1801	N.D.		
16) C291	1,1,2-Trichloro-1,2,	2.58	101	4846	3.99	ng	89
17) C962	T-butyl Methyl Ether	3.26	73	9121	3.96	ng	98
18) C057	trans-1,2-Dichloroet	3.25	96	5481	4.34	ng	96
19) C255	Methyl Acetate	2.99	43	4356	5.04	ng	94
20) C050	1,1-Dichloroethane	3.60	63	9964	4.12	ng	96
21) C125	Vinyl Acetate	3.66	43	24691	14.86	ng	94
22) C051	2,2-Dichloropropane	4.04	77	6434	3.86	ng	100
23) C056	cis-1,2-Dichloroethe	4.07	96	5566	4.23	ng	95
24) C272	Tetrahydrofuran	4.33	42	3155	17.24	ng	76
25) C222	Bromochloromethane	4.26	128	2127	4.17	ng	86
27) C060	Chloroform	4.32	83	9481	4.09	ng	97
28) C115	1,1,1-Trichloroethan	4.41	97	8025	3.82	ng	96
29) C120	Carbon tetrachloride	4.53	117	6352	3.75	ng	96
30) C116	1,1-Dichloropropene	4.54	75	6693	3.89	ng	97
32) C165	Benzene	4.70	78	22508	4.30	ng	95
33) C065	1,2-Dichloroethane	4.75	62	6724	3.86	ng	96
34) C110	2-Butanone	4.13	43	5103	16.01	ng	93
35) C256	Cyclohexane	4.43	56	9126	3.86	ng	96
36) C150	Trichloroethene	5.18	95	5675	4.30	ng	92
37) C140	1,2-Dichloropropane	5.36	63	5127	4.06	ng	86
38) C278	Dibromomethane	5.47	93	2471	4.21	ng	86

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8272.D Vial: 6
Acq On : 26 Sep 2008 00:15 Operator: ND
Sample : VSTD001 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:13 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

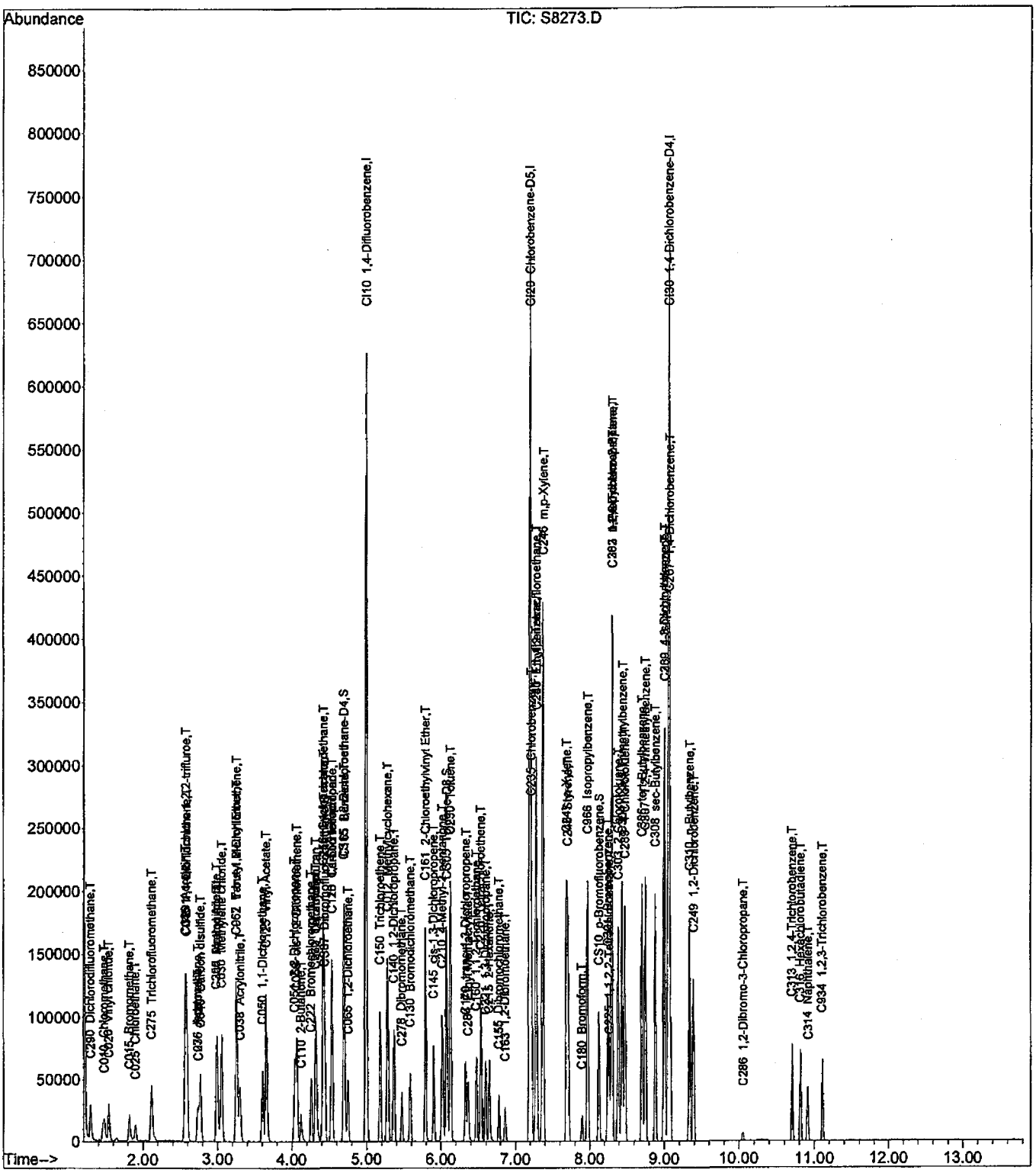
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	5528	3.62	ng		92
40) C161	2-Chloroethylvinyl E	5.79	63	9499	19.85	ng		89
41) C012	Methylcyclohexane	5.28	83	8395	3.92	ng		93
42) C145	cis-1,3-Dichloroprop	5.90	75	6226	3.63	ng		93
45) C230	Toluene	6.13	92	13943	4.45	ng		96
46) C170	trans-1,3-Dichloropr	6.32	75	5339	3.89	ng		100
47) C284	Ethyl Methacrylate	6.36	69	2922	3.25	ng	#	88
48) C160	1,1,2-Trichloroethan	6.47	83	2996	4.73	ng		97
49) C210	4-Methyl-2-pentanone	6.02	43	10143	15.63	ng		93
50) C220	Tetrachloroethene	6.53	166	5864	5.12	ng		85
51) C221	1,3-Dichloropropane	6.60	76	6502	4.60	ng		95
52) C155	Dibromochloromethane	6.77	129	3100	3.91	ng		78
53) C163	1,2-Dibromoethane	6.86	107	2847	4.21	ng		79
54) C215	2-Hexanone	6.65	43	5756	13.44	ng		94
55) C235	Chlorobenzene	7.21	112	14791	4.74	ng		91
56) C281	1,1,1,2-Tetrachloroe	7.29	131	4243	4.38	ng		93
57) C240	Ethylbenzene	7.28	91	23940	4.09	ng		98
58) C246	m,p-Xylene	7.37	106	17462	8.33	ng		89
59) C247	o-Xylene	7.69	106	7242	3.83	ng		95
60) C245	Styrene	7.71	104	10985	3.53	ng		98
61) C180	Bromoform	7.89	173	1429	3.73	ng		87
64) C966	Isopropylbenzene	7.97	105	18213	3.58	ng		100
65) C301	Bromobenzene	8.25	156	5088	4.68	ng		82
66) C225	1,1,2,2-Tetrachloroe	8.27	83	3295	4.07	ng		86
67) C282	1,2,3-Trichloropropa	8.30	110	856	3.42	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	3175	15.64	ng	#	41
69) C302	n-Propylbenzene	8.30	91	24460	3.46	ng		90
70) C303	2-Chlorotoluene	8.39	126	4639	3.88	ng		100
71) C289	4-Chlorotoluene	8.48	126	4850	3.82	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	15814	3.60	ng		95
73) C306	tert-Butylbenzene	8.70	134	2976	3.42	ng	#	77
74) C307	1,2,4-Trimethylbenze	8.75	105	15102	3.51	ng		92
75) C308	sec-Butylbenzene	8.88	105	16922	3.37	ng		97
76) C260	1,3-Dichlorobenzene	9.00	146	10684	4.73	ng		90
77) C309	4-Isopropyltoluene	8.99	119	14316	3.29	ng		89
78) C267	1,4-Dichlorobenzene	9.08	146	11658	5.03	ng		90
79) C249	1,2-Dichlorobenzene	9.39	146	8903	4.46	ng		90
80) C310	n-Butylbenzene	9.34	91	12513	3.02	ng		92
81) C286	1,2-Dibromo-3-Chlo	10.05	75	128	N.D.			
82) C313	1,2,4-Trichlorobenze	10.71	180	4094	4.17	ng		86
83) C316	Hexachlorobutadiene	10.82	225	3032	5.16	ng		96
84) C314	Naphthalene	10.91	128	4905	3.06	ng		92
85) C934	1,2,3-Trichlorobenze	11.11	180	3217	3.81	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8273.D Vial: 7
Acq On : 26 Sep 2008 00:39 Operator: ND
Sample : VSTD005 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:40:21 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8273.D Vial: 7
Acq On : 26 Sep 2008 00:39 Operator: ND
Sample : VSTD005 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:21 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	365287	125.00	ng	0.00 99.72%
43) CI20	Chlorobenzene-D5	7.19	82	190026	125.00	ng	0.00 100.13%
63) CI30	1,4-Dichlorobenzene-	9.06	152	149730	125.00	ng	0.00 98.84%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	20648	18.47	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	14.78%#	
31) CS15	1,2-Dichloroethane-D	4.69	65	24256	16.79	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	13.43%#	
44) CS05	Toluene-D8	6.07	98	90519	20.32	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	16.26%#	
62) CS10	p-Bromofluorobenzene	8.12	174	23550	21.46	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	17.17%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	25925	18.47	ng	# 100
3) C010	Chloromethane	1.47	50	30610	19.25	ng	94
4) C020	Vinyl chloride	1.54	62	30929	20.71	ng	87
5) C015	Bromomethane	1.82	94	11804	24.48	ng	99
6) C025	Chloroethane	1.90	64	8266	21.70	ng	83
7) C275	Trichlorofluorometha	2.11	101	39512	19.15	ng	96
8) C045	1,1-Dichloroethene	2.59	96	25645	21.92	ng	98
9) C030	Methylene chloride	3.05	84	33898	21.97	ng	87
10) C040	Carbon disulfide	2.77	76	66778	18.45	ng	98
11) C036	Acrolein	2.56	56	56514	447.83	ng	95
12) C038	Acrylonitrile	3.30	53	29168	102.49	ng	93
13) C035	Acetone	2.73	43	19980	78.63	ng	92
14) C300	Acetonitrile	2.99	41	75020	715.05	ng	100
15) C276	Iodomethane	2.74	142	17670	15.21	ng	98
16) C291	1,1,2-Trichloro-1,2,	2.58	101	24588	20.04	ng	93
17) C962	T-butyl Methyl Ether	3.26	73	48237	20.72	ng	95
18) C057	trans-1,2-Dichloroet	3.25	96	28481	22.27	ng	98
19) C255	Methyl Acetate	2.98	43	18691	21.37	ng	95
20) C050	1,1-Dichloroethane	3.60	63	50015	20.46	ng	97
21) C125	Vinyl Acetate	3.65	43	136249	81.09	ng	95
22) C051	2,2-Dichloropropane	4.04	77	34265	20.32	ng	100
23) C056	cis-1,2-Dichloroethe	4.07	96	29268	21.97	ng	94
24) C272	Tetrahydrofuran	4.32	42	16382	88.50	ng	86
25) C222	Bromochloromethane	4.26	128	11318	21.96	ng	88
27) C060	Chloroform	4.32	83	46673	19.89	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	42142	19.85	ng	99
29) C120	Carbon tetrachloride	4.53	117	33697	19.65	ng	96
30) C116	1,1-Dichloropropene	4.54	75	36775	21.14	ng	99
32) C165	Benzene	4.70	78	114562	21.63	ng	98
33) C065	1,2-Dichloroethane	4.75	62	33141	18.80	ng	99
34) C110	2-Butanone	4.12	43	27327	84.78	ng	96
35) C256	Cyclohexane	4.43	56	48814	20.41	ng	99
36) C150	Trichloroethene	5.18	95	28584	21.39	ng	88
37) C140	1,2-Dichloropropane	5.36	63	26124	20.47	ng	99
38) C278	Dibromomethane	5.47	93	11909	20.04	ng	86

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8273.D Vial: 7
Acq On : 26 Sep 2008 00:39 Operator: ND
Sample : VSTD005 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:21 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

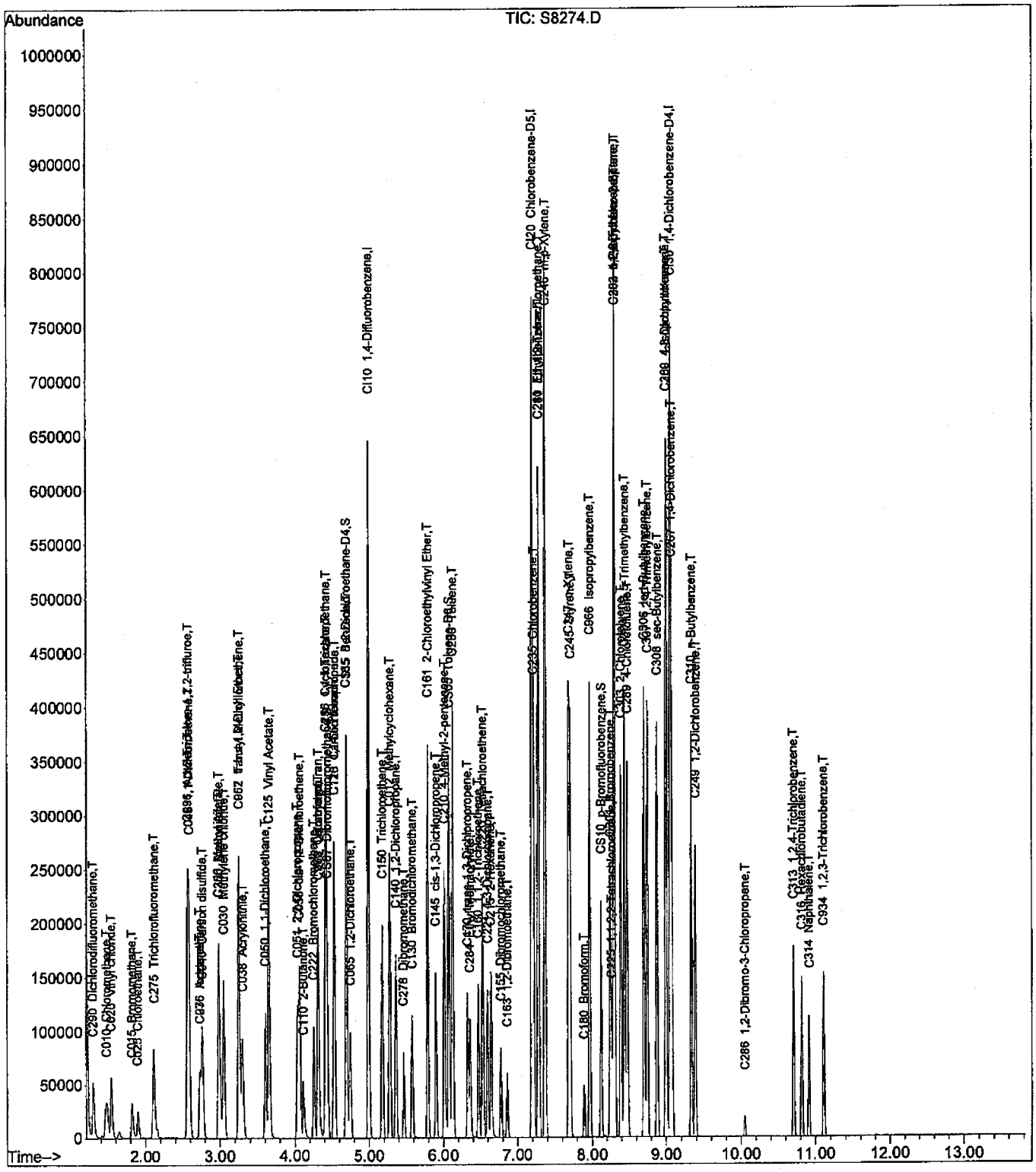
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	29894	19.37	ng		97
40) C161	2-Chloroethylvinyl E	5.79	63	53754	111.06	ng		93
41) C012	Methylcyclohexane	5.28	83	46015	21.25	ng		96
42) C145	cis-1,3-Dichloroprop	5.90	75	35447	20.46	ng		95
45) C230	Toluene	6.13	92	71937	22.89	ng		96
46) C170	trans-1,3-Dichloropr	6.33	75	28182	20.49	ng		97
47) C284	Ethyl Methacrylate	6.36	69	18457	20.48	ng		86
48) C160	1,1,2-Trichloroethan	6.48	83	14712	23.13	ng		97
49) C210	4-Methyl-2-pentanone	6.01	43	55335	84.97	ng		91
50) C220	Tetrachloroethene	6.54	166	29123	25.32	ng		99
51) C221	1,3-Dichloropropane	6.60	76	31989	22.54	ng		100
52) C155	Dibromochloromethane	6.77	129	17171	21.60	ng		97
53) C163	1,2-Dibromoethane	6.86	107	15952	23.49	ng		98
54) C215	2-Hexanone	6.65	43	34748	80.86	ng		90
55) C235	Chlorobenzene	7.22	112	70462	22.51	ng		97
56) C281	1,1,1,2-Tetrachloroe	7.29	131	22025	22.65	ng		99
57) C240	Ethylbenzene	7.28	91	130635	22.26	ng		96
58) C246	m,p-Xylene	7.37	106	96998	46.09	ng		86
59) C247	o-Xylene	7.69	106	42078	22.17	ng		84
60) C245	Styrene	7.71	104	69170	22.17	ng		97
61) C180	Bromoform	7.90	173	8907	23.15	ng		99
64) C966	Isopropylbenzene	7.97	105	114385	22.22	ng		97
65) C301	Bromobenzene	8.25	156	25153	22.85	ng		90
66) C225	1,1,2,2-Tetrachloroe	8.27	83	17847	21.75	ng		95
67) C282	1,2,3-Trichloropropa	8.30	110	5667	22.33	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	17662	85.87	ng	#	42
69) C302	n-Propylbenzene	8.30	91	153147	21.40	ng		93
70) C303	2-Chlorotoluene	8.39	126	26860	22.16	ng		100
71) C289	4-Chlorotoluene	8.48	126	27824	21.65	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	98444	22.15	ng		96
73) C306	tert-Butylbenzene	8.70	134	19368	21.99	ng	#	79
74) C307	1,2,4-Trimethylbenze	8.75	105	95417	21.89	ng		95
75) C308	sec-Butylbenzene	8.88	105	109754	21.55	ng		94
76) C260	1,3-Dichlorobenzene	9.00	146	52432	22.94	ng		95
77) C309	4-Isopropyltoluene	8.99	119	97147	22.04	ng		95
78) C267	1,4-Dichlorobenzene	9.07	146	51799	22.05	ng		93
79) C249	1,2-Dichlorobenzene	9.39	146	45306	22.38	ng		94
80) C310	n-Butylbenzene	9.34	91	80638	19.22	ng		91
81) C286	1,2-Dibromo-3-Chloro	10.05	75	2316	17.68	ng	#	64
82) C313	1,2,4-Trichlorobenze	10.70	180	21654	21.78	ng		99
83) C316	Hexachlorobutadiene	10.81	225	13213	22.21	ng		97
84) C314	Naphthalene	10.92	128	29934	18.42	ng		97
85) C934	1,2,3-Trichlorobenze	11.11	180	17946	20.97	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8274.D Vial: 8
Acq On : 26 Sep 2008 1:03 Operator: ND
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:40:29 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8274.D Vial: 8
Acq On : 26 Sep 2008 1:03 Operator: ND
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:29 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	376591	125.00	ng	0.00 102.80%
43) CI20	Chlorobenzene-D5	7.19	82	198267	125.00	ng	0.00 104.47%
63) CI30	1,4-Dichlorobenzene-	9.06	152	155207	125.00	ng	0.00 102.45%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	42107	36.53	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	29.22%#	
31) CS15	1,2-Dichloroethane-D	4.69	65	52051	34.95	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	27.96%#	
44) CS05	Toluene-D8	6.07	98	182830	39.33	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	31.46%#	
62) CS10	p-Bromofluorobenzene	8.12	174	48586	42.43	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	33.94%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	45717	31.59	ng	# 100
3) C010	Chloromethane	1.47	50	57867	35.30	ng	98
4) C020	Vinyl chloride	1.54	62	56749	36.85	ng	87
5) C015	Bromomethane	1.82	94	20515	41.26	ng	78
6) C025	Chloroethane	1.90	64	15887	40.46	ng	87
7) C275	Trichlorofluorometha	2.11	101	73356	34.49	ng	97
8) C045	1,1-Dichloroethene	2.59	96	47979	39.77	ng	92
9) C030	Methylene chloride	3.05	84	58950	37.06	ng	90
10) C040	Carbon disulfide	2.77	76	124585	33.39	ng	98
11) C036	Acrolein	2.56	56	119961	922.06	ng	94
12) C038	Acrylonitrile	3.30	53	62233	212.12	ng	94
13) C035	Acetone	2.73	43	41896	159.94	ng	95
14) C300	Acetonitrile	2.98	41	155069	1433.67	ng	98
15) C276	Iodomethane	2.74	142	46060	38.45	ng	97
16) C291	1,1,2-Trichloro-1,2,	2.57	101	44761	35.38	ng	92
17) C962	T-butyl Methyl Ether	3.25	73	103621	43.18	ng	94
18) C057	trans-1,2-Dichloroet	3.25	96	53405	40.51	ng	99
19) C255	Methyl Acetate	2.98	43	40649	45.09	ng	91
20) C050	1,1-Dichloroethane	3.60	63	93897	37.26	ng	100
21) C125	Vinyl Acetate	3.65	43	298424	172.27	ng	94
22) C051	2,2-Dichloropropane	4.04	77	63968	36.80	ng	96
23) C056	cis-1,2-Dichloroethe	4.07	96	55996	40.77	ng	99
24) C272	Tetrahydrofuran	4.31	42	36740	192.53	ng	83
25) C222	Bromochloromethane	4.26	128	22333	42.03	ng	98
27) C060	Chloroform	4.32	83	91793	37.94	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	80686	36.87	ng	96
29) C120	Carbon tetrachloride	4.53	117	66883	37.84	ng	95
30) C116	1,1-Dichloropropene	4.54	75	69191	38.59	ng	98
32) C165	Benzene	4.70	78	216149	39.59	ng	99
33) C065	1,2-Dichloroethane	4.75	62	65427	36.00	ng	98
34) C110	2-Butanone	4.12	43	59928	180.34	ng	91
35) C256	Cyclohexane	4.43	56	89868	36.45	ng	99
36) C150	Trichloroethene	5.18	95	53435	38.78	ng	93
37) C140	1,2-Dichloropropane	5.36	63	50803	38.62	ng	99
38) C278	Dibromomethane	5.47	93	24079	39.31	ng	86

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8274.D Vial: 8
Acq On : 26 Sep 2008 1:03 Operator: ND
Sample : VSTD010 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:29 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

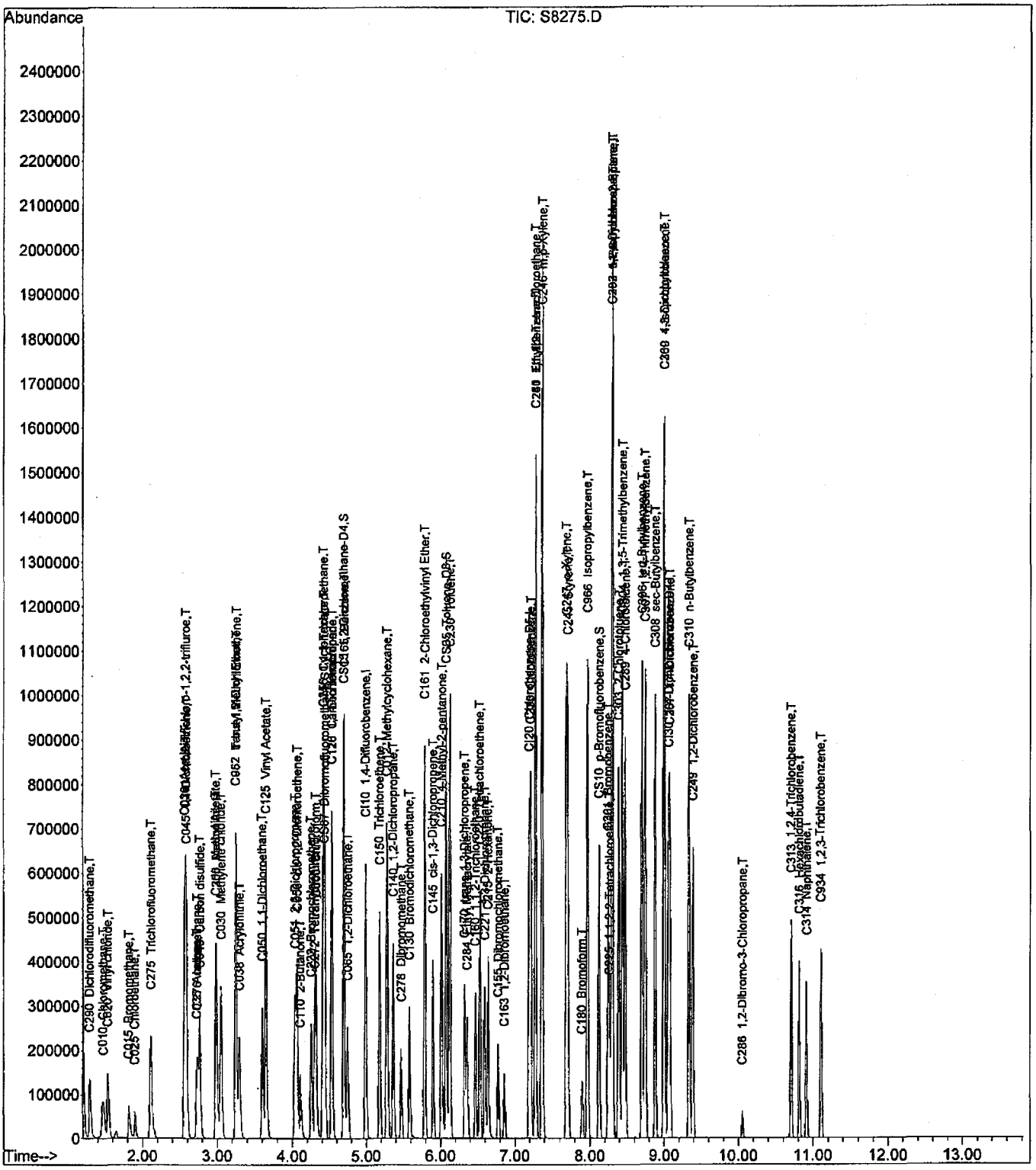
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	59553	37.43	ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	117596	235.68	ng		93
41) C012	Methylcyclohexane	5.28	83	86524	38.75	ng		98
42) C145	cis-1,3-Dichloroprop	5.90	75	71976	40.30	ng		97
45) C230	Toluene	6.12	92	138968	42.37	ng		93
46) C170	trans-1,3-Dichloropr	6.33	75	59827	41.68	ng		99
47) C284	Ethyl Methacrylate	6.36	69	42360	45.05	ng		89
48) C160	1,1,2-Trichloroethan	6.47	83	29318	44.18	ng		95
49) C210	4-Methyl-2-pentanone	6.01	43	130455	191.99	ng		88
50) C220	Tetrachloroethene	6.53	166	54949	45.79	ng		98
51) C221	1,3-Dichloropropane	6.60	76	65946	44.53	ng		97
52) C155	Dibromochloromethane	6.77	129	36159	43.60	ng		99
53) C163	1,2-Dibromoethane	6.86	107	32302	45.59	ng		99
54) C215	2-Hexanone	6.64	43	83942	187.21	ng		90
55) C235	Chlorobenzene	7.22	112	136948	41.93	ng		95
56) C281	1,1,1,2-Tetrachloroe	7.29	131	42494	41.88	ng		97
57) C240	Ethylbenzene	7.28	91	256748	41.92	ng		96
58) C246	m,p-Xylene	7.37	106	187537	85.42	ng		87
59) C247	o-Xylene	7.69	106	85271	43.07	ng		89
60) C245	Styrene	7.71	104	139896	42.97	ng		93
61) C180	Bromoform	7.90	173	19007	47.35	ng		98
64) C966	Isopropylbenzene	7.97	105	224515	42.07	ng		96
65) C301	Bromobenzene	8.25	156	51003	44.69	ng		86
66) C225	1,1,2,2-Tetrachloroe	8.27	83	37192	43.73	ng		92
67) C282	1,2,3-Trichloropropa	8.30	110	12199	46.36	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	37227	174.60	ng	#	48
69) C302	n-Propylbenzene	8.30	91	301710	40.68	ng		92
70) C303	2-Chlorotoluene	8.39	126	51858	41.27	ng		100
71) C289	4-Chlorotoluene	8.48	126	53187	39.93	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	192373	41.76	ng		96
73) C306	tert-Butylbenzene	8.70	134	39139	42.88	ng	#	84
74) C307	1,2,4-Trimethylbenze	8.75	105	190640	42.18	ng		95
75) C308	sec-Butylbenzene	8.88	105	213946	40.53	ng		95
76) C260	1,3-Dichlorobenzene	9.00	146	99556	42.02	ng		96
77) C309	4-Isopropyltoluene	8.99	119	197010	43.12	ng		95
78) C267	1,4-Dichlorobenzene	9.07	146	98715	40.54	ng		95
79) C249	1,2-Dichlorobenzene	9.39	146	88586	42.22	ng		97
80) C310	n-Butylbenzene	9.34	91	167337	38.48	ng		92
81) C286	1,2-Dibromo-3-Chloro	10.05	75	5299	39.03	ng	#	69
82) C313	1,2,4-Trichlorobenze	10.70	180	44435	43.11	ng		99
83) C316	Hexachlorobutadiene	10.81	225	26180	42.45	ng		97
84) C314	Naphthalene	10.91	128	75254	44.68	ng		98
85) C934	1,2,3-Trichlorobenze	11.11	180	39960	45.05	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8275.D Vial: 9
Acq On : 26 Sep 2008 1:27 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:40:36 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8275.D Vial: 9
Acq On : 26 Sep 2008 1:27 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:36 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	366317	125.00	ng	0.00 100.00%
43) CI20	Chlorobenzene-D5	7.19	82	189784	125.00	ng	0.00 100.00%
63) CI30	1,4-Dichlorobenzene-	9.06	152	151493	125.00	ng	0.00 100.00%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	119424	106.52	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	85.22%	
31) CS15	1,2-Dichloroethane-D	4.69	65	143970	99.37	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	79.50%	
44) CS05	Toluene-D8	6.07	98	516393	116.06	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	92.85%	
62) CS10	p-Bromofluorobenzene	8.12	174	145643	132.86	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	106.29%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.29	85	127031	90.24	ng	# 100
3) C010	Chloromethane	1.48	50	149831	93.96	ng	99
4) C020	Vinyl chloride	1.54	62	150759	100.64	ng	86
5) C015	Bromomethane	1.82	94	47868	98.98	ng	88
6) C025	Chloroethane	1.90	64	40473	105.96	ng	90
7) C275	Trichlorofluorometha	2.11	101	196486	94.98	ng	97
8) C045	1,1-Dichloroethene	2.59	96	124434	106.04	ng	91
9) C030	Methylene chloride	3.05	84	137863	89.09	ng	89
10) C040	Carbon disulfide	2.77	76	330079	90.94	ng	99
11) C036	Acrolein	2.56	56	284948	2251.64	ng	96
12) C038	Acrylonitrile	3.30	53	149899	525.25	ng	93
13) C035	Acetone	2.72	43	102193	401.06	ng	92
14) C300	Acetonitrile	2.98	41	376998	3583.24	ng	98
15) C276	Iodomethane	2.74	142	149687	128.45	ng	99
16) C291	1,1,2-Trichloro-1,2,	2.58	101	117875	95.80	ng	93
17) C962	T-butyl Methyl Ether	3.25	73	261286	111.95	ng	94
18) C057	trans-1,2-Dichloroet	3.25	96	135747	105.86	ng	99
19) C255	Methyl Acetate	2.98	43	100785	114.93	ng	92
20) C050	1,1-Dichloroethane	3.60	63	239344	97.64	ng	99
21) C125	Vinyl Acetate	3.65	43	740807	439.65	ng	94
22) C051	2,2-Dichloropropane	4.04	77	170333	100.73	ng	96
23) C056	cis-1,2-Dichloroethe	4.07	96	140408	105.11	ng	97
24) C272	Tetrahydrofuran	4.30	42	93542	503.93	ng	88
25) C222	Bromochloromethane	4.26	128	55089	106.57	ng	94
27) C060	Chloroform	4.32	83	228308	97.01	ng	100
28) C115	1,1,1-Trichloroethan	4.41	97	209230	98.29	ng	96
29) C120	Carbon tetrachloride	4.53	117	174416	101.43	ng	99
30) C116	1,1-Dichloropropene	4.54	75	182232	104.48	ng	98
32) C165	Benzene	4.70	78	543565	102.35	ng	98
33) C065	1,2-Dichloroethane	4.75	62	160077	90.54	ng	99
34) C110	2-Butanone	4.11	43	146977	454.71	ng	91
35) C256	Cyclohexane	4.43	56	239325	99.78	ng	99
36) C150	Trichloroethene	5.18	95	137503	102.60	ng	84
37) C140	1,2-Dichloropropane	5.36	63	126688	99.00	ng	99
38) C278	Dibromomethane	5.47	93	61503	103.22	ng	86

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8275.D Vial: 9
Acq On : 26 Sep 2008 1:27 Operator: ND
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:36 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

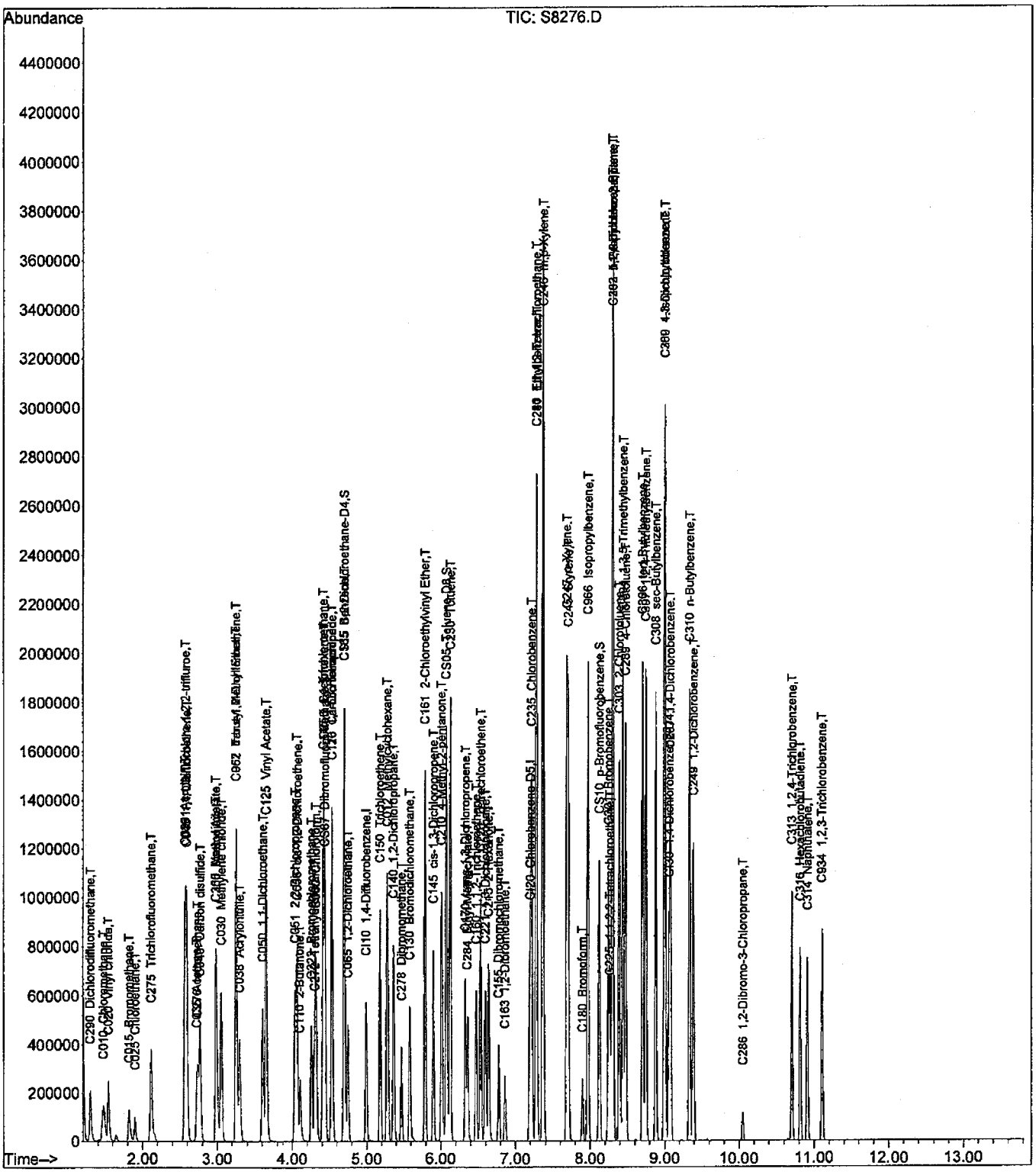
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	153568	99.24	ng		97
40) C161	2-Chloroethylvinyl E	5.79	63	285873	589.00	ng		93
41) C012	Methylcyclohexane	5.28	83	233088	107.32	ng		98
42) C145	cis-1,3-Dichloroprop	5.90	75	187353	107.83	ng		96
45) C230	Toluene	6.13	92	346946	110.52	ng		92
46) C170	trans-1,3-Dichloropr	6.33	75	154864	112.72	ng		97
47) C284	Ethyl Methacrylate	6.36	69	113156	125.73	ng		87
48) C160	1,1,2-Trichloroethan	6.47	83	71754	112.97	ng		98
49) C210	4-Methyl-2-pentanone	6.01	43	315951	485.77	ng		87
50) C220	Tetrachloroethene	6.54	166	137740	119.92	ng		99
51) C221	1,3-Dichloropropane	6.60	76	159144	112.27	ng		97
52) C155	Dibromochloromethane	6.78	129	94267	118.74	ng		99
53) C163	1,2-Dibromoethane	6.86	107	80627	118.88	ng		99
54) C215	2-Hexanone	6.64	43	208715	486.30	ng		85
55) C235	Chlorobenzene	7.22	112	336647	107.67	ng		95
56) C281	1,1,1,2-Tetrachloroe	7.29	131	111451	114.74	ng		98
57) C240	Ethylbenzene	7.28	91	653528	111.48	ng		96
58) C246	m,p-Xylene	7.37	106	465775	221.62	ng		88
59) C247	o-Xylene	7.69	106	216601	114.28	ng		85
60) C245	Styrene	7.70	104	358283	114.98	ng		95
61) C180	Bromoform	7.90	173	50446	131.28	ng		100
64) C966	Isopropylbenzene	7.97	105	594327	114.10	ng		94
65) C301	Bromobenzene	8.25	156	126254	113.35	ng		87
66) C225	1,1,2,2-Tetrachloroe	8.27	83	91654	110.40	ng		98
67) C282	1,2,3-Trichloropropa	8.30	110	27866	108.50	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	89543	430.27	ng	#	53
69) C302	n-Propylbenzene	8.30	91	762575	105.33	ng		92
70) C303	2-Chlorotoluene	8.39	126	130362	106.28	ng		100
71) C289	4-Chlorotoluene	8.48	126	135723	104.40	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	494875	110.06	ng		94
73) C306	tert-Butylbenzene	8.70	134	104668	117.47	ng	#	80
74) C307	1,2,4-Trimethylbenze	8.75	105	488527	110.75	ng		94
75) C308	sec-Butylbenzene	8.88	105	568350	110.30	ng		94
76) C260	1,3-Dichlorobenzene	9.00	146	246434	106.56	ng		97
77) C309	4-Isopropyltoluene	8.99	119	512646	114.95	ng		95
78) C267	1,4-Dichlorobenzene	9.08	146	245482	103.28	ng		95
79) C249	1,2-Dichlorobenzene	9.39	146	221447	108.13	ng		96
80) C310	n-Butylbenzene	9.34	91	458534	108.01	ng		93
81) C286	1,2-Dibromo-3-Chloro	10.05	75	13670	103.15	ng	#	70
82) C313	1,2,4-Trichlorobenze	10.70	180	128151	127.38	ng		95
83) C316	Hexachlorobutadiene	10.81	225	69555	115.54	ng		92
84) C314	Naphthalene	10.91	128	225183	136.96	ng		97
85) C934	1,2,3-Trichlorobenze	11.11	180	109593	126.58	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8276.D Vial: 10
Acq On : 26 Sep 2008 1:51 Operator: ND
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:40:44 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8276.D Vial: 10
Acq On : 26 Sep 2008 1:51 Operator: ND
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:44 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	345194	125.00	ng	0.00 94.23%
43) CI20	Chlorobenzene-D5	7.19	82	179324	125.00	ng	0.00 94.49%
63) CI30	1,4-Dichlorobenzene-	9.06	152	144131	125.00	ng	0.00 95.14%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	211226	199.92	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	159.94%#		
31) CS15	1,2-Dichloroethane-D	4.69	65	251516	184.22	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	147.38%#		
44) CS05	Toluene-D8	6.07	98	919220	218.65	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	174.92%#		
62) CS10	p-Bromofluorobenzene	8.12	174	254852	246.05	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	196.84%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	203521	153.42	ng	# 100
3) C010	Chloromethane	1.48	50	262007	174.37	ng	98
4) C020	Vinyl chloride	1.54	62	252695	179.02	ng	87
5) C015	Bromomethane	1.82	94	90046	197.59	ng	86
6) C025	Chloroethane	1.90	64	71149	197.66	ng	87
7) C275	Trichlorofluorometha	2.11	101	317750	163.00	ng	99
8) C045	1,1-Dichloroethene	2.59	96	227799	206.00	ng	94
9) C030	Methylene chloride	3.06	84	252544	173.19	ng	86
10) C040	Carbon disulfide	2.77	76	561863	164.27	ng	100
11) C036	Acrolein	2.56	56	514842	4317.19	ng	94
12) C038	Acrylonitrile	3.30	53	268681	999.07	ng	93
13) C035	Acetone	2.72	43	185826	773.90	ng	94
14) C300	Acetonitrile	2.98	41	674516	6803.36	ng	98
15) C276	Iodomethane	2.74	142	278659	253.76	ng	96
16) C291	1,1,2-Trichloro-1,2,	2.58	101	185997	160.41	ng	94
17) C962	T-butyl Methyl Ether	3.25	73	477577	217.13	ng	95
18) C057	trans-1,2-Dichloroet	3.25	96	253275	209.61	ng	96
19) C255	Methyl Acetate	2.98	43	176323	213.37	ng	# 91
20) C050	1,1-Dichloroethane	3.61	63	452864	196.05	ng	99
21) C125	Vinyl Acetate	3.65	43	1337974	842.64	ng	94
22) C051	2,2-Dichloropropane	4.04	77	332128	208.43	ng	95
23) C056	cis-1,2-Dichloroethe	4.07	96	266437	211.66	ng	97
24) C272	Tetrahydrofuran	4.30	42	166228	950.30	ng	80
25) C222	Bromochloromethane	4.26	128	104076	213.66	ng	95
27) C060	Chloroform	4.32	83	422212	190.38	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	391625	195.23	ng	98
29) C120	Carbon tetrachloride	4.53	117	321133	198.19	ng	99
30) C116	1,1-Dichloropropene	4.54	75	332711	202.43	ng	99
32) C165	Benzene	4.70	78	997446	199.30	ng	100
33) C065	1,2-Dichloroethane	4.75	62	297036	178.28	ng	98
34) C110	2-Butanone	4.11	43	263718	865.79	ng	88
35) C256	Cyclohexane	4.43	56	377665	167.10	ng	99
36) C150	Trichloroethene	5.18	95	253513	200.73	ng	90
37) C140	1,2-Dichloropropane	5.36	63	235211	195.05	ng	100
38) C278	Dibromomethane	5.47	93	112443	200.26	ng	92

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8276.D Vial: 10
Acq On : 26 Sep 2008 1:51 Operator: ND
Sample : VSTD050 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:44 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

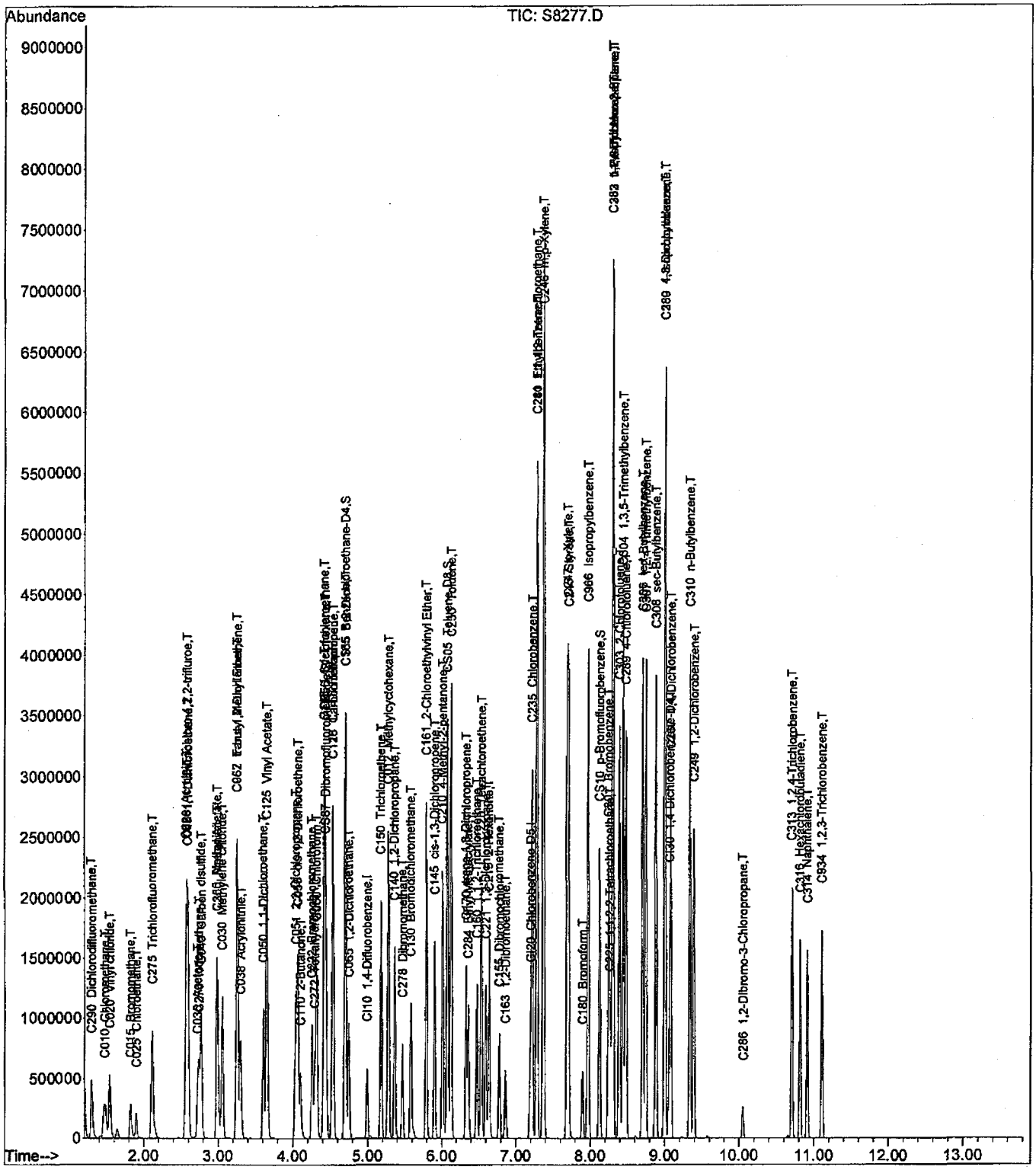
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	293178	201.05	ng		98
40) C161	2-Chloroethylvinyl E	5.79	63	504774	1103.65	ng		92
41) C012	Methylcyclohexane	5.28	83	365677	178.67	ng		99
42) C145	cis-1,3-Dichloroprop	5.90	75	357911	218.61	ng		99
45) C230	Toluene	6.13	92	640786	216.02	ng		95
46) C170	trans-1,3-Dichloropr	6.33	75	297388	229.08	ng		99
47) C284	Ethyl Methacrylate	6.36	69	205105	241.20	ng		87
48) C160	1,1,2-Trichloroethan	6.48	83	131985	219.91	ng		97
49) C210	4-Methyl-2-pentanone	6.01	43	548788	892.97	ng		88
50) C220	Tetrachloroethene	6.54	166	252654	232.79	ng		99
51) C221	1,3-Dichloropropane	6.60	76	294645	219.98	ng		99
52) C155	Dibromochloromethane	6.78	129	179603	239.44	ng		100
53) C163	1,2-Dibromoethane	6.86	107	149077	232.63	ng		98
54) C215	2-Hexanone	6.64	43	366357	903.39	ng		86
55) C235	Chlorobenzene	7.22	112	626879	212.19	ng		96
56) C281	1,1,1,2-Tetrachloroe	7.29	131	206799	225.32	ng		95
57) C240	Ethylbenzene	7.28	91	1200570	216.74	ng		95
58) C246	m,p-Xylene	7.37	106	848856	427.46	ng		87
59) C247	o-Xylene	7.69	106	404376	225.80	ng		86
60) C245	Styrene	7.70	104	668512	227.05	ng		93
61) C180	Bromoform	7.90	173	100294	276.24	ng		97
64) C966	Isopropylbenzene	7.97	105	1111161	224.22	ng		95
65) C301	Bromobenzene	8.25	156	235853	222.56	ng		85
66) C225	1,1,2,2-Tetrachloroe	8.27	83	167649	212.25	ng		99
67) C282	1,2,3-Trichloropropa	8.30	110	50753	207.71	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	163123	823.86	ng	#	52
69) C302	n-Propylbenzene	8.30	91	1410942	204.84	ng		92
70) C303	2-Chlorotoluene	8.39	126	244859	209.83	ng		100
71) C289	4-Chlorotoluene	8.48	126	252952	204.51	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	933844	218.29	ng		96
73) C306	tert-Butylbenzene	8.70	134	192296	226.85	ng	#	75
74) C307	1,2,4-Trimethylbenze	8.75	105	912479	217.42	ng		96
75) C308	sec-Butylbenzene	8.88	105	1063042	216.84	ng		94
76) C260	1,3-Dichlorobenzene	9.00	146	449307	204.21	ng		96
77) C309	4-Isopropyltoluene	8.99	119	957603	225.69	ng		95
78) C267	1,4-Dichlorobenzene	9.08	146	457670	202.38	ng		97
79) C249	1,2-Dichlorobenzene	9.39	146	417350	214.19	ng		95
80) C310	n-Butylbenzene	9.34	91	873710	216.33	ng		95
81) C286	1,2-Dibromo-3-Chloro	10.05	75	26542	210.51	ng		82
82) C313	1,2,4-Trichlorobenze	10.70	180	258610	270.19	ng		98
83) C316	Hexachlorobutadiene	10.81	225	136940	239.10	ng		94
84) C314	Naphthalene	10.91	128	467110	298.62	ng		96
85) C934	1,2,3-Trichlorobenze	11.11	180	216423	262.73	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8277.D Vial: 11
Acq On : 26 Sep 2008 2:15 Operator: ND
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 26 08:40:53 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8277.D Vial: 11
Acq On : 26 Sep 2008 2:15 Operator: ND
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:53 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	354803	125.00	ng	0.00 96.86%
43) CI20	Chlorobenzene-D5	7.19	82	190133	125.00	ng	0.00 100.18%
63) CI30	1,4-Dichlorobenzene-	9.06	152	152584	125.00	ng	0.00 100.72%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	428221	394.33	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	315.46%#	
31) CS15	1,2-Dichloroethane-D	4.69	65	512398	365.14	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	292.11%#	
44) CS05	Toluene-D8	6.07	98	1888976	423.78	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	339.02%#	
62) CS10	p-Bromofluorobenzene	8.12	174	535122	487.27	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	389.82%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	486169	356.56	ng	# 100
3) C010	Chloromethane	1.47	50	530887	343.74	ng	100
4) C020	Vinyl chloride	1.54	62	566684	390.59	ng	85
5) C015	Bromomethane	1.82	94	201957	431.16	ng	85
6) C025	Chloroethane	1.90	64	153902	415.99	ng	90
7) C275	Trichlorofluorometha	2.11	101	741786	370.22	ng	98
8) C045	1,1-Dichloroethene	2.59	96	459785	404.53	ng	93
9) C030	Methylene chloride	3.06	84	491967	328.25	ng	85
10) C040	Carbon disulfide	2.77	76	1252852	356.37	ng	100
11) C036	Acrolein	2.56	56	1014373	8275.63	ng	95
12) C038	Acrylonitrile	3.30	53	540790	1956.42	ng	93
13) C035	Acetone	2.72	43	375174	1520.15	ng	94
14) C300	Acetonitrile	2.98	41	1330118	13052.60	ng	98
15) C276	Iodomethane	2.74	142	620266	549.55	ng	97
16) C291	1,1,2-Trichloro-1,2,	2.58	101	425559	357.07	ng	93
17) C962	T-butyl Methyl Ether	3.25	73	982248	434.49	ng	95
18) C057	trans-1,2-Dichloroet	3.25	96	501482	403.78	ng	98
19) C255	Methyl Acetate	2.98	43	352386	414.87	ng	# 89
20) C050	1,1-Dichloroethane	3.60	63	898386	378.39	ng	99
21) C125	Vinyl Acetate	3.65	43	2714036	1662.97	ng	93
22) C051	2,2-Dichloropropane	4.04	77	659898	402.90	ng	98
23) C056	cis-1,2-Dichloroethe	4.07	96	532364	411.45	ng	99
24) C272	Tetrahydrofuran	4.29	42	342240	1903.54	ng	82
25) C222	Bromochloromethane	4.26	128	206681	412.81	ng	95
27) C060	Chloroform	4.32	83	854546	374.90	ng	100
28) C115	1,1,1-Trichloroethan	4.41	97	801848	388.91	ng	97
29) C120	Carbon tetrachloride	4.53	117	671885	403.43	ng	99
30) C116	1,1-Dichloropropene	4.54	75	682412	403.95	ng	98
32) C165	Benzene	4.70	78	2008809	390.51	ng	99
33) C065	1,2-Dichloroethane	4.75	62	599056	349.82	ng	98
34) C110	2-Butanone	4.10	43	537507	1716.86	ng	88
35) C256	Cyclohexane	4.43	56	851528	366.55	ng	98
36) C150	Trichloroethene	5.18	95	525513	404.84	ng	87
37) C140	1,2-Dichloropropane	5.36	63	480549	387.71	ng	100
38) C278	Dibromomethane	5.47	93	228551	396.02	ng	92

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\092508\S8277.D Vial: 11
Acq On : 26 Sep 2008 2:15 Operator: ND
Sample : VSTD100 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 26 08:40:53 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 08:39:51 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092508\S8275.D (26 Sep 2008 1:27)

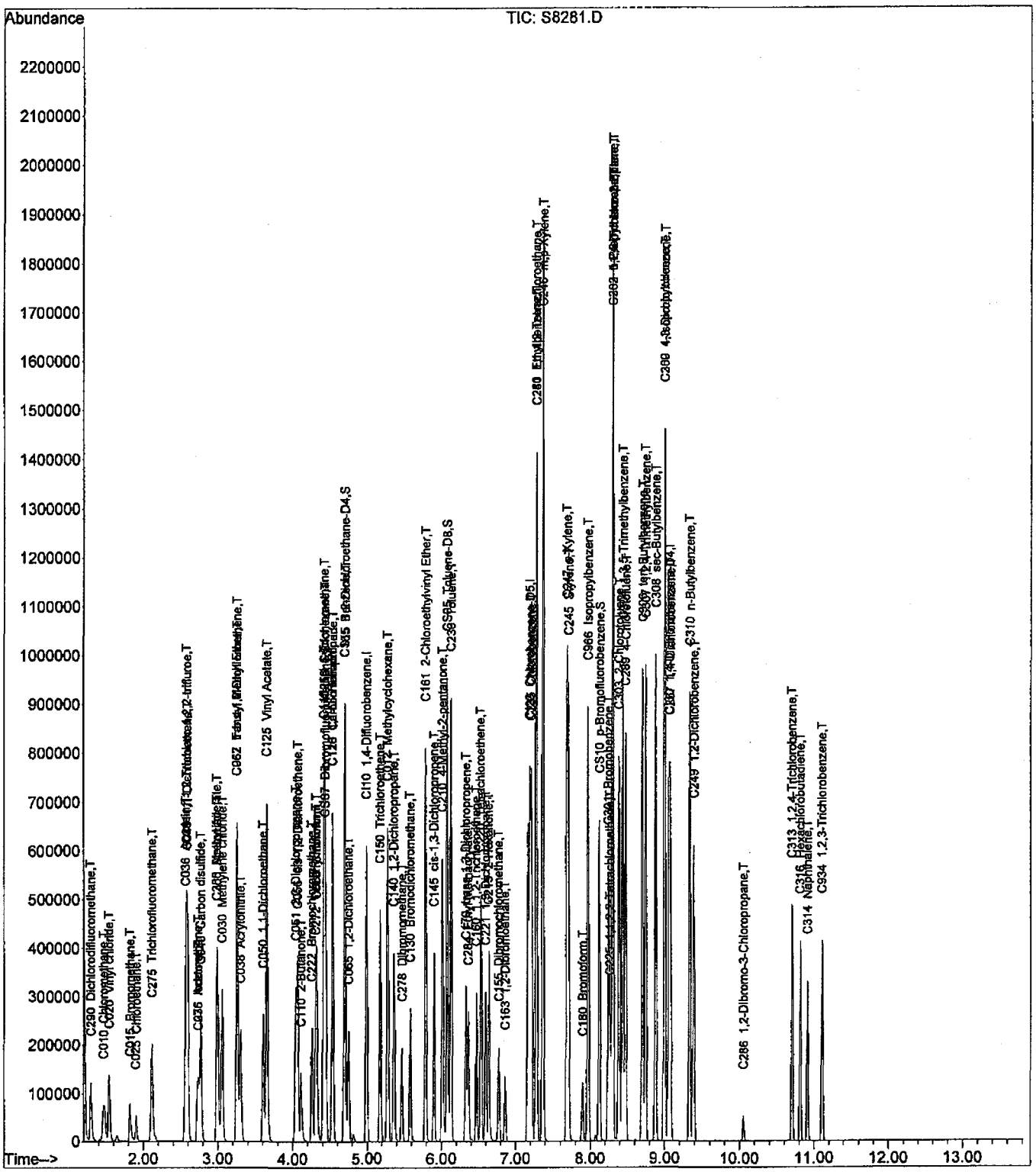
Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39)	C130	Bromodichloromethane	5.58	83	611386	407.90	ng		97
40)	C161	2-Chloroethylvinyl E	5.79	63	974724	2073.45	ng		92
41)	C012	Methylcyclohexane	5.28	83	869593	413.37	ng		99
42)	C145	cis-1,3-Dichloroprop	5.90	75	743095	441.58	ng		99
45)	C230	Toluene	6.13	92	1315447	418.25	ng		94
46)	C170	trans-1,3-Dichloropr	6.33	75	633152	459.99	ng		100
47)	C284	Ethyl Methacrylate	6.36	69	459181	509.28	ng		86
48)	C160	1,1,2-Trichloroethan	6.48	83	273240	429.39	ng		98
49)	C210	4-Methyl-2-pentanone	6.01	43	1155571	1773.41	ng		87
50)	C220	Tetrachloroethene	6.54	166	527205	458.14	ng		98
51)	C221	1,3-Dichloropropane	6.60	76	616074	433.81	ng		99
52)	C155	Dibromochloromethane	6.78	129	386001	485.34	ng		98
53)	C163	1,2-Dibromoethane	6.86	107	315648	464.55	ng		98
54)	C215	2-Hexanone	6.64	43	791523	1840.84	ng		84
55)	C235	Chlorobenzene	7.22	112	1295040	413.44	ng		95
56)	C281	1,1,1,2-Tetrachloroe	7.29	131	429863	441.73	ng		99
57)	C240	Ethylbenzene	7.28	91	2495973	424.99	ng		95
58)	C246	m,p-Xylene	7.37	106	1751159	831.70	ng		85
59)	C247	o-Xylene	7.69	106	846358	445.74	ng		85
60)	C245	Styrene	7.71	104	1409327	451.45	ng		97
61)	C180	Bromoform	7.90	173	223784	581.32	ng		96
64)	C966	Isopropylbenzene	7.97	105	2338574	445.75	ng		96
65)	C301	Bromobenzene	8.25	156	501360	446.89	ng		86
66)	C225	1,1,2,2-Tetrachloroe	8.27	83	354429	423.86	ng		99
67)	C282	1,2,3-Trichloropropa	8.30	110	104517	404.05	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.31	51	335748	1601.78	ng	#	54
69)	C302	n-Propylbenzene	8.30	91	2902369	398.02	ng		91
70)	C303	2-Chlorotoluene	8.39	126	516881	418.39	ng		100
71)	C289	4-Chlorotoluene	8.48	126	526790	402.31	ng		100
72)	C304	1,3,5-Trimethylbenze	8.44	105	1953205	431.27	ng		94
73)	C306	tert-Butylbenzene	8.70	134	408660	455.38	ng	#	72
74)	C307	1,2,4-Trimethylbenze	8.75	105	1907860	429.42	ng		97
75)	C308	sec-Butylbenzene	8.88	105	2260847	435.62	ng		94
76)	C260	1,3-Dichlorobenzene	9.01	146	920691	395.27	ng		97
77)	C309	4-Isopropyltoluene	8.99	119	2020161	449.74	ng		94
78)	C267	1,4-Dichlorobenzene	9.08	146	952851	398.00	ng		96
79)	C249	1,2-Dichlorobenzene	9.39	146	861954	417.87	ng		95
80)	C310	n-Butylbenzene	9.34	91	1875094	438.55	ng		92
81)	C286	1,2-Dibromo-3-Chloro	10.05	75	58622	439.18	ng		80
82)	C313	1,2,4-Trichlorobenze	10.71	180	557025	549.72	ng		99
83)	C316	Hexachlorobutadiene	10.82	225	295782	487.83	ng		91
84)	C314	Naphthalene	10.92	128	1010031	609.92	ng		97
85)	C934	1,2,3-Trichlorobenze	11.11	180	460622	528.20	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\092608\S8281.D Vial: 3
Acq On : 26 Sep 2008 10:13 Operator: DHC
Sample : MSB (FULL)/SSCAL Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Sep 29 16:23:20 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 29 16:22:50 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\092608\S8281.D Vial: 3
Acq On : 26 Sep 2008 10:13 Operator: DHC
Sample : MSB (FULL)/SSCAL Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 29 16:23:20 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 29 16:22:50 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092608\S8280.D (26 Sep 2008 9:40)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	365645	125.00	ng	0.00 97.47%
43) CI20	Chlorobenzene-D5	7.19	82	195823	125.00	ng	0.00 97.42%
63) CI30	1,4-Dichlorobenzene-	9.06	152	153751	125.00	ng	0.00 96.20%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	120771	133.41	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	106.73%	
31) CS15	1,2-Dichloroethane-D	4.69	65	142638	128.88	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	103.10%	
44) CS05	Toluene-D8	6.07	98	516450	127.77	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	102.22%	
62) CS10	p-Bromofluorobenzene	8.12	174	145139	130.94	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	104.75%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	107963	109.48	ng	# 100
3) C010	Chloromethane	1.47	50	129444	109.78	ng	98
4) C020	Vinyl chloride	1.54	62	135908	114.76	ng	85
5) C015	Bromomethane	1.82	94	48906	113.89	ng	86
6) C025	Chloroethane	1.90	64	35336	107.55	ng	91
7) C275	Trichlorofluorometha	2.11	101	168601	111.17	ng	99
8) C045	1,1-Dichloroethene	2.59	96	110120	112.92	ng	98
9) C030	Methylene chloride	3.06	84	125984	115.73	ng	86
10) C040	Carbon disulfide	2.77	76	310261	118.93	ng	98
11) C036	Acrolein	2.56	56	172371	1530.71	ng	96
12) C038	Acrylonitrile	3.30	53	148154	630.71	ng	93
13) C035	Acetone	2.73	43	98671	602.24	ng	92
14) C300	Acetonitrile	2.98	41	365913	4835.32	ng	98
15) C276	Iodomethane	2.74	142	100399	88.73	ng	98
16) C291	1,1,2-Trichloro-1,2,	2.58	101	108062	119.15	ng	93
17) C962	T-butyl Methyl Ether	3.25	73	261687	131.67	ng	95
18) C057	trans-1,2-Dichloroet	3.25	96	123900	114.76	ng	99
19) C255	Methyl Acetate	2.98	43	67360	86.03	ng	93
20) C050	1,1-Dichloroethane	3.61	63	217273	113.11	ng	100
21) C125	Vinyl Acetate	3.65	43	794003	712.57	ng	94
22) C051	2,2-Dichloropropane	4.04	77	166816	124.42	ng	99
23) C056	cis-1,2-Dichloroethe	4.07	96	129731	115.60	ng	98
24) C272	Tetrahydrofuran	4.30	42	88329	636.24	ng	82
25) C222	Bromochloromethane	4.26	128	52159	119.25	ng	93
27) C060	Chloroform	4.32	83	208344	114.22	ng	99
28) C115	1,1,1-Trichloroethan	4.41	97	190171	115.70	ng	98
29) C120	Carbon tetrachloride	4.53	117	159705	118.70	ng	98
30) C116	1,1-Dichloropropene	4.54	75	166527	118.35	ng	96
32) C165	Benzene	4.70	78	494564	113.92	ng	99
33) C065	1,2-Dichloroethane	4.75	62	144978	112.52	ng	98
34) C110	2-Butanone	4.11	43	142306	638.14	ng	91
35) C256	Cyclohexane	4.43	56	225291	125.00	ng	99
36) C150	Trichloroethene	5.18	95	125493	114.32	ng	88
37) C140	1,2-Dichloropropane	5.36	63	115452	114.13	ng	99
38) C278	Dibromomethane	5.47	93	57062	118.74	ng	94

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\092608\S8281.D Vial: 3
Acq On : 26 Sep 2008 10:13 Operator: DHC
Sample : MSB (FULL)/SSCAL Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Sep 29 16:23:20 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Sep 29 16:22:50 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\092608\S8280.D (26 Sep 2008 9:40)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	142948	119.10	ng		96
40) C161	2-Chloroethylvinyl E	5.79	63	265064	621.74	ng		92
41) C012	Methylcyclohexane	5.28	83	215643	124.11	ng		99
42) C145	cis-1,3-Dichloroprop	5.90	75	177836	123.76	ng		100
45) C230	Toluene	6.13	92	319385	112.95	ng		94
46) C170	trans-1,3-Dichloropr	6.33	75	143197	117.23	ng		96
47) C284	Ethyl Methacrylate	6.36	69	109589	120.49	ng		86
48) C160	1,1,2-Trichloroethan	6.47	83	65693	111.44	ng		98
49) C210	4-Methyl-2-pentanone	6.01	43	304151	636.26	ng		87
50) C220	Tetrachloroethene	6.53	166	125468	110.30	ng		98
51) C221	1,3-Dichloropropane	6.60	76	145305	111.27	ng		99
52) C155	Dibromochloromethane	6.78	129	85566	116.13	ng		99
53) C163	1,2-Dibromoethane	6.86	107	73739	114.88	ng		96
54) C215	2-Hexanone	6.64	43	200557	651.56	ng		88
55) C235	Chlorobenzene	7.22	112	316168	112.56	ng		97
56) C281	1,1,1,2-Tetrachloroe	7.29	131	101869	114.60	ng		98
57) C240	Ethylbenzene	7.28	91	604469	116.29	ng		95
58) C246	m,p-Xylene	7.37	106	424337	226.58	ng		85
59) C247	o-Xylene	7.69	106	200444	117.74	ng		85
60) C245	Styrene	7.71	104	336141	121.01	ng		94
61) C180	Bromoform	7.90	173	47307	109.75	ng		99
64) C966	Isopropylbenzene	7.97	105	500231	110.28	ng		96
65) C301	Bromobenzene	8.25	156	119674	116.87	ng		87
66) C225	1,1,2,2-Tetrachloroe	8.27	83	86728	120.20	ng		99
67) C282	1,2,3-Trichloropropa	8.30	110	23426	107.63	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	78914	560.58	ng	#	49
69) C302	n-Propylbenzene	8.30	91	695511	117.83	ng		92
70) C303	2-Chlorotoluene	8.39	126	122403	117.68	ng		100
71) C289	4-Chlorotoluene	8.48	126	125478	116.75	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	463378	120.44	ng		95
73) C306	tert-Butylbenzene	8.70	134	94913	121.58	ng	#	69
74) C307	1,2,4-Trimethylbenze	8.75	105	462867	123.20	ng		95
75) C308	sec-Butylbenzene	8.88	105	565299	130.58	ng		94
76) C260	1,3-Dichlorobenzene	9.00	146	228621	113.16	ng		96
77) C309	4-Isopropyltoluene	8.99	119	464354	120.14	ng		95
78) C267	1,4-Dichlorobenzene	9.08	146	235398	114.13	ng		97
79) C249	1,2-Dichlorobenzene	9.39	146	211682	117.78	ng		96
80) C310	n-Butylbenzene	9.34	91	430437	126.23	ng		94
81) C286	1,2-Dibromo-3-Chloro	10.05	75	12338	108.90	ng	#	74
82) C313	1,2,4-Trichlorobenze	10.71	180	124513	126.88	ng		97
83) C316	Hexachlorobutadiene	10.81	225	70907	123.77	ng		98
84) C314	Naphthalene	10.92	128	218809	115.54	ng		98
85) C934	1,2,3-Trichlorobenze	11.11	180	104571	127.02	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002585-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: G0123.RR Calibration Date: 10/08/2008 Time: 18:55

Intrument ID: HP5973G Init. Calib. Date(s): 10/08/2008 10/08/2008

Heated Purge (Y/N): N Init. Calib. Times: 16:56 19:41

GC Column: ZB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Acetone	0.1310	0.1230	0.0100	6.100	100.00
Benzene	1.5880	1.5884	0.0100	0.000	100.00
Bromodichloromethane	0.4610	0.4533	0.0100	1.700	100.00
Bromoform	0.4950	0.4976	0.1000	-0.500	100.00
Bromomethane	0.1350	0.1196	0.0100	11.400	100.00
2-Butanone	0.1850	0.1838	0.0100	0.700	100.00
Methyl acetate	0.6760	0.6415	0.0100	5.100	100.00
Cyclohexane	0.7550	0.7703	0.0100	-2.000	100.00
Methylcyclohexane	0.6890	0.7013	0.0100	-1.800	100.00
Carbon Disulfide	1.1710	1.1581	0.0100	1.100	100.00
Carbon Tetrachloride	0.4520	0.4566	0.0100	-1.000	100.00
Chlorobenzene	2.4440	2.4306	0.3000	0.600	100.00
Chloroethane	0.2050	0.1897	0.0100	7.500	100.00
Chloroform	0.6380	0.6180	0.0100	3.100	20.00
Chloromethane	0.5230	0.4939	0.1000	5.600	100.00
Dibromochloromethane	0.8340	0.8439	0.0100	-1.200	100.00
1,2-Dibromo-3-chloropropane	0.1340	0.1312	0.0100	2.100	100.00
1,2-Dibromoethane	0.7440	0.7279	0.0100	2.200	100.00
1,2-Dichlorobenzene	1.7790	1.7661	0.0100	0.700	100.00
1,3-Dichlorobenzene	1.9050	1.9258	0.0100	-1.100	100.00
1,4-Dichlorobenzene	1.9390	1.9228	0.0100	0.800	100.00
Dichlorodifluoromethane	0.2610	0.2707	0.0100	-3.700	100.00
1,1-Dichloroethane	0.7660	0.7696	0.1000	-0.500	100.00
1,2-Dichloroethane	0.5210	0.5311	0.0100	-1.900	100.00
1,1-Dichloroethene	0.3850	0.3702	0.0100	3.800	20.00
cis-1,2-Dichloroethene	0.4450	0.4471	0.0100	-0.500	100.00
trans-1,2-Dichloroethene	0.4320	0.4232	0.0100	2.000	100.00
1,2-Dichloropropane	0.4140	0.4171	0.0100	-0.800	20.00
cis-1,3-Dichloropropene	0.6010	0.6017	0.0100	-0.100	100.00
trans-1,3-Dichloropropene	1.3050	1.3250	0.0100	-1.500	100.00
Ethylbenzene	3.9710	3.9625	0.0100	0.200	20.00
2-Hexanone	0.6580	0.6378	0.0100	3.100	100.00
Isopropylbenzene	3.9370	3.9846	0.0100	-1.200	100.00
Methylene chloride	0.5270	0.4406	0.0100	16.400	100.00
4-Methyl-2-pentanone	1.0290	1.0215	0.0100	0.700	100.00
Styrene	2.5630	2.5555	0.0100	0.300	100.00
1,1,2,2-Tetrachloroethane	0.9310	0.9052	0.3000	2.800	100.00
Tetrachloroethene	0.9000	0.9395	0.0100	-4.400	100.00
Toluene	2.3480	2.3843	0.0100	-1.500	20.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002585-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: G0123.RR Calibration Date: 10/08/2008 Time: 18:55

Intrument ID: HP5973G Init. Calib. Date(s): 10/08/2008 10/08/2008

Heated Purge (Y/N): N Init. Calib. Times: 16:56 19:41

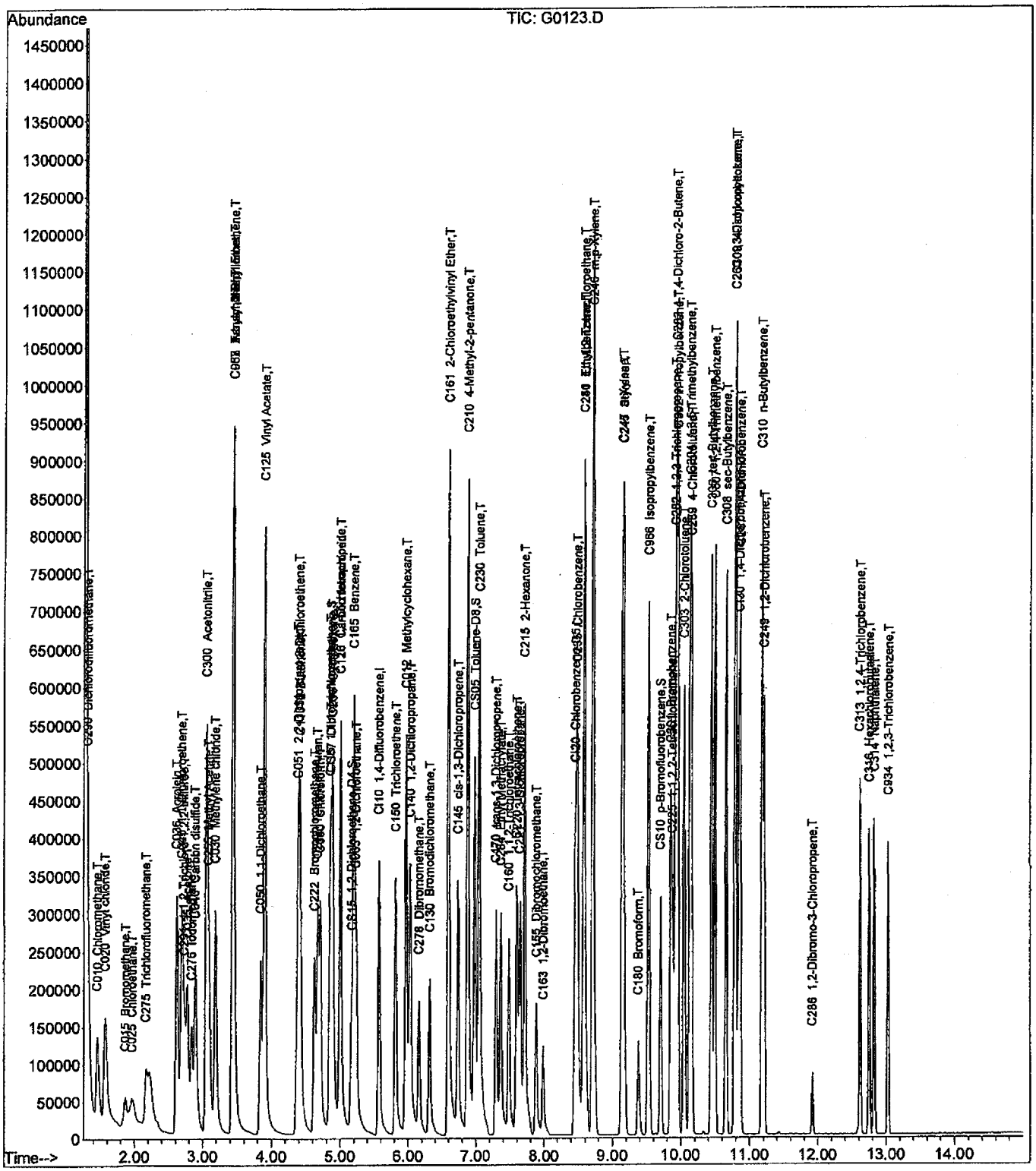
GC Column: ZB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,2,4-Trichlorobenzene	0.9920	1.0080	0.0100	-1.600	100.00
1,1,1-Trichloroethane	0.5420	0.5371	0.0100	0.900	100.00
1,1,2-Trichloroethane	0.6260	0.6390	0.0100	-2.100	100.00
Trichloroethene	0.3740	0.3713	0.0100	0.700	100.00
Trichlorofluoromethane	0.5030	0.4970	0.0100	1.200	100.00
Vinyl chloride	0.5050	0.4900	0.0100	3.000	20.00
Total Xylenes	1.5930	1.5739	0.0100	1.200	100.00
Methyl-t-Butyl Ether (MTBE)	1.2260	1.2027	0.0100	1.900	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3280	0.3318	0.0100	-1.200	100.00
1,2-Dichloroethane-D4	0.3020	0.2940	0.0100	2.600	100.00
Toluene-D8	2.6300	2.7776	0.0100	-5.600	100.00
p-Bromofluorobenzene	0.6950	0.7108	0.0100	-2.300	100.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 19:31:46 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:46 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 13:24)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	384685	125.00	ng	0.00 104.85%
43) CI20	Chlorobenzene-D5	8.46	82	151757	125.00	ng	0.00 98.07%
63) CI30	1,4-Dichlorobenzene-	10.84	152	146906	125.00	ng	0.00 101.64%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.85	111	104759	141.98	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	113.58%	
31) CS15	1,2-Dichloroethane-D	5.17	65	113104	146.65	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	117.32%	
44) CS05	Toluene-D8	6.98	98	421513	133.01	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	106.41%	
62) CS10	p-Bromofluorobenzene	9.70	174	107869	133.04	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	106.43%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.31	85	104139m	210.43	ng	# 100
3) C010	Chloromethane	1.46	50	189990	132.45	ng	98
4) C020	Vinyl chloride	1.57	62	188487	124.64	ng	88
5) C015	Bromomethane	1.87	94	45999	124.88	ng	88
6) C025	Chloroethane	1.97	64	72990	118.71	ng	91
7) C275	Trichlorofluorometha	2.17	101	191189	116.03	ng	97
8) C045	1,1-Dichloroethene	2.69	96	142422	132.61	ng	96
9) C030	Methylene chloride	3.18	84	169489	96.55	ng	97
10) C040	Carbon disulfide	2.89	76	445498	162.24	ng	99
11) C036	Acrolein	2.62	56	397540	2390.47	ng	96
12) C038	Acrylonitrile	3.43	53	299949	633.51	ng	93
13) C035	Acetone	2.78	43	236568	613.98	ng	97
14) C300	Acetonitrile	3.06	41	842658	4815.62	ng	99
15) C276	Iodomethane	2.84	142	234070	127.24	ng	86
16) C291	1,1,2-Trichloro-1,2,	2.73	101	127652	157.09	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	462642	141.71	ng	87
18) C057	trans-1,2-Dichloroet	3.44	96	162809	126.59	ng	98
19) C255	Methyl Acetate	3.09	43	246772	134.71	ng	99
20) C050	1,1-Dichloroethane	3.84	63	296058	145.27	ng	97
21) C125	Vinyl Acetate	3.90	43	1514098	727.51	ng	100
22) C051	2,2-Dichloropropane	4.38	77	203316	184.95	ng	99
23) C056	cis-1,2-Dichloroethe	4.40	96	172005	130.29	ng	92
24) C272	Tetrahydrofuran	4.67	42	248263	672.02	ng	98
25) C222	Bromochloromethane	4.63	128	81662	121.85	ng	96
27) C060	Chloroform	4.71	83	237722	140.04	ng	98
28) C115	1,1,1-Trichloroethan	4.85	97	206601	156.59	ng	97
29) C120	Carbon tetrachloride	5.00	117	175666	178.31	ng	95
30) C116	1,1-Dichloropropene	5.00	75	191219	153.38	ng	96
32) C165	Benzene	5.20	78	611022	133.46	ng	99
33) C065	1,2-Dichloroethane	5.23	62	204317	146.61	ng	94
34) C110	2-Butanone	4.42	43	353620	664.37	ng	97
35) C256	Cyclohexane	4.88	56	296317	164.57	ng	91
36) C150	Trichloroethene	5.82	95	142832	138.77	ng	93
37) C140	1,2-Dichloropropane	6.03	63	160470	141.60	ng	99
38) C278	Dibromomethane	6.16	93	80389	135.83	ng	95

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:46 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 13:24)

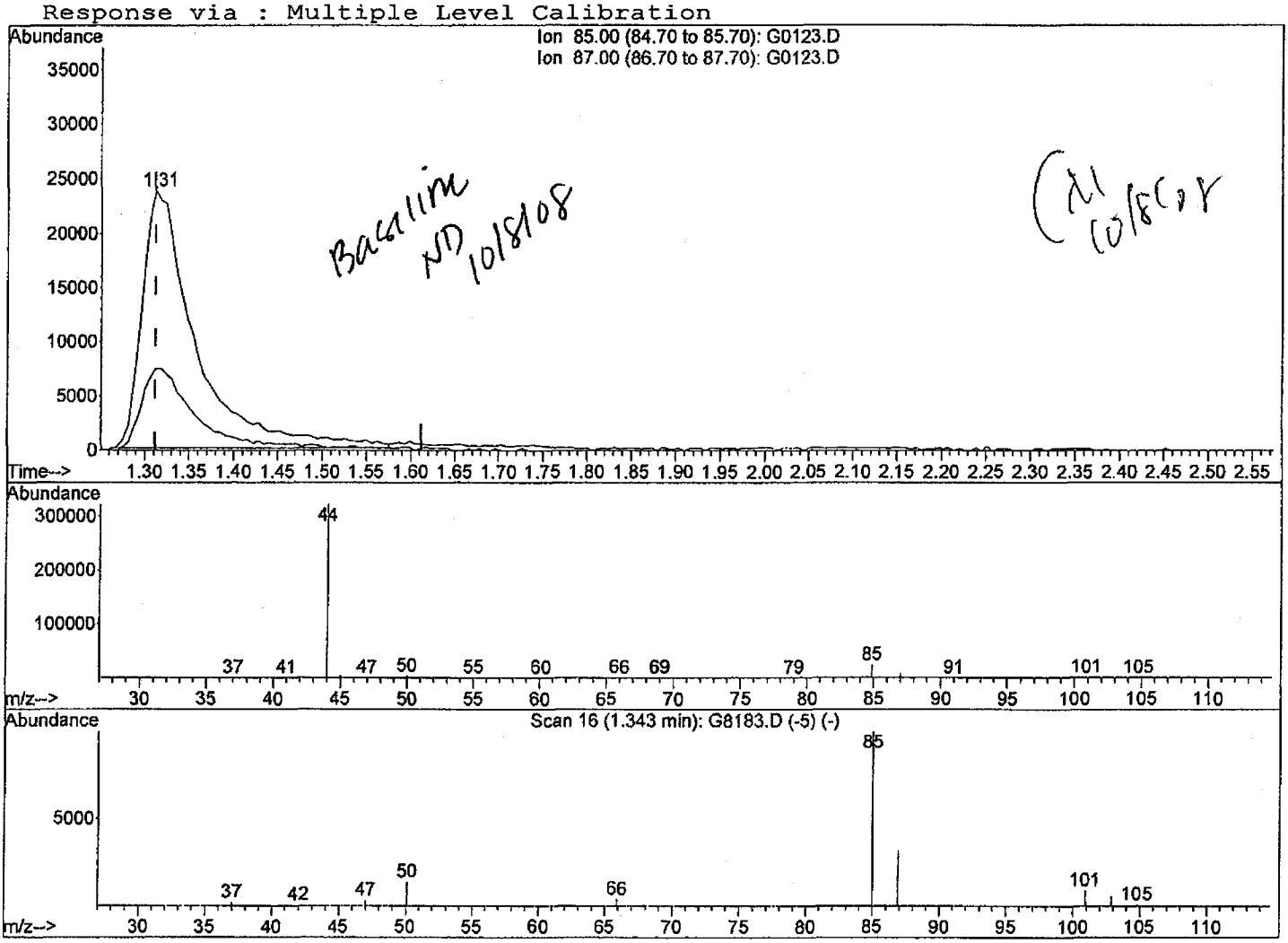
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	174374	169.74	ng		99
40) C161	2-Chloroethylvinyl E	6.59	63	481943	692.63	ng		99
41) C012	Methylcyclohexane	5.97	83	269782	161.49	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	231473	160.83	ng		97
45) C230	Toluene	7.05	92	361831	121.79	ng		93
46) C170	trans-1,3-Dichloropr	7.29	75	201076	161.89	ng		92
47) C284	Ethyl Methacrylate	7.37	69	176706	142.48	ng	#	93
48) C160	1,1,2-Trichloroethan	7.48	83	96967	130.75	ng		98
49) C210	4-Methyl-2-pentanone	6.88	43	775110	637.25	ng		98
50) C220	Tetrachloroethene	7.60	166	142578	128.66	ng		99
51) C221	1,3-Dichloropropane	7.65	76	206256	129.49	ng		100
52) C155	Dibromochloromethane	7.88	129	128063	159.48	ng		99
53) C163	1,2-Dibromoethane	7.99	107	110471	124.47	ng		100
54) C215	2-Hexanone	7.71	43	483990	636.27	ng		98
55) C235	Chlorobenzene	8.49	112	368854	117.64	ng		97
56) C281	1,1,1,2-Tetrachloroe	8.58	131	130885	144.66	ng		97
57) C240	Ethylbenzene	8.59	91	601339	126.36	ng		97
58) C246	m,p-Xylene	8.71	106	483935	239.20	ng		95
59) C247	o-Xylene	9.13	106	238852	120.13	ng		95
60) C245	Styrene	9.16	104	387817	123.38	ng		93
61) C180	Bromoform	9.38	173	75510	199.64	ng		98
64) C966	Isopropylbenzene	9.52	105	585357	136.59	ng		99
65) C301	Bromobenzene	9.85	156	150025	129.62	ng		96
66) C225	1,1,2,2-Tetrachloroe	9.88	83	132973	133.43	ng		98
67) C282	1,2,3-Trichloropropa	9.91	110	40589	123.59	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	108274	784.92	ng	#	65
69) C302	n-Propylbenzene	9.95	91	701585	136.50	ng		99
70) C303	2-Chlorotoluene	10.04	126	142089	122.90	ng		100
71) C289	4-Chlorotoluene	10.15	126	146310	120.51	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	474733	134.03	ng		99
73) C306	tert-Butylbenzene	10.44	134	109379	129.30	ng		98
74) C307	1,2,4-Trimethylbenze	10.49	105	477517	135.18	ng		100
75) C308	sec-Butylbenzene	10.66	105	569460	135.59	ng		98
76) C260	1,3-Dichlorobenzene	10.78	146	282907	120.23	ng		98
77) C309	4-Isopropyltoluene	10.79	119	510385	126.41	ng		98
78) C267	1,4-Dichlorobenzene	10.87	146	282473	118.06	ng		99
79) C249	1,2-Dichlorobenzene	11.21	146	259457	118.35	ng		99
80) C310	n-Butylbenzene	11.18	91	458216	138.56	ng		99
81) C286	1,2-Dibromo-3-Chloro	11.92	75	19273	216.09	ng		98
82) C313	1,2,4-Trichlorobenze	12.61	180	148088	143.89	ng		98
83) C316	Hexachlorobutadiene	12.75	225	75697	192.94	ng		100
84) C314	Naphthalene	12.82	128	323596	125.32	ng		98
85) C934	1,2,3-Trichlorobenze	13.03	180	124874	142.66	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:22 2008

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Multiple Level Calibration



TIC: G0123.D

(2) C290 Dichlorodifluoromethane (T)

1.31min (+0.000) 201.42ng

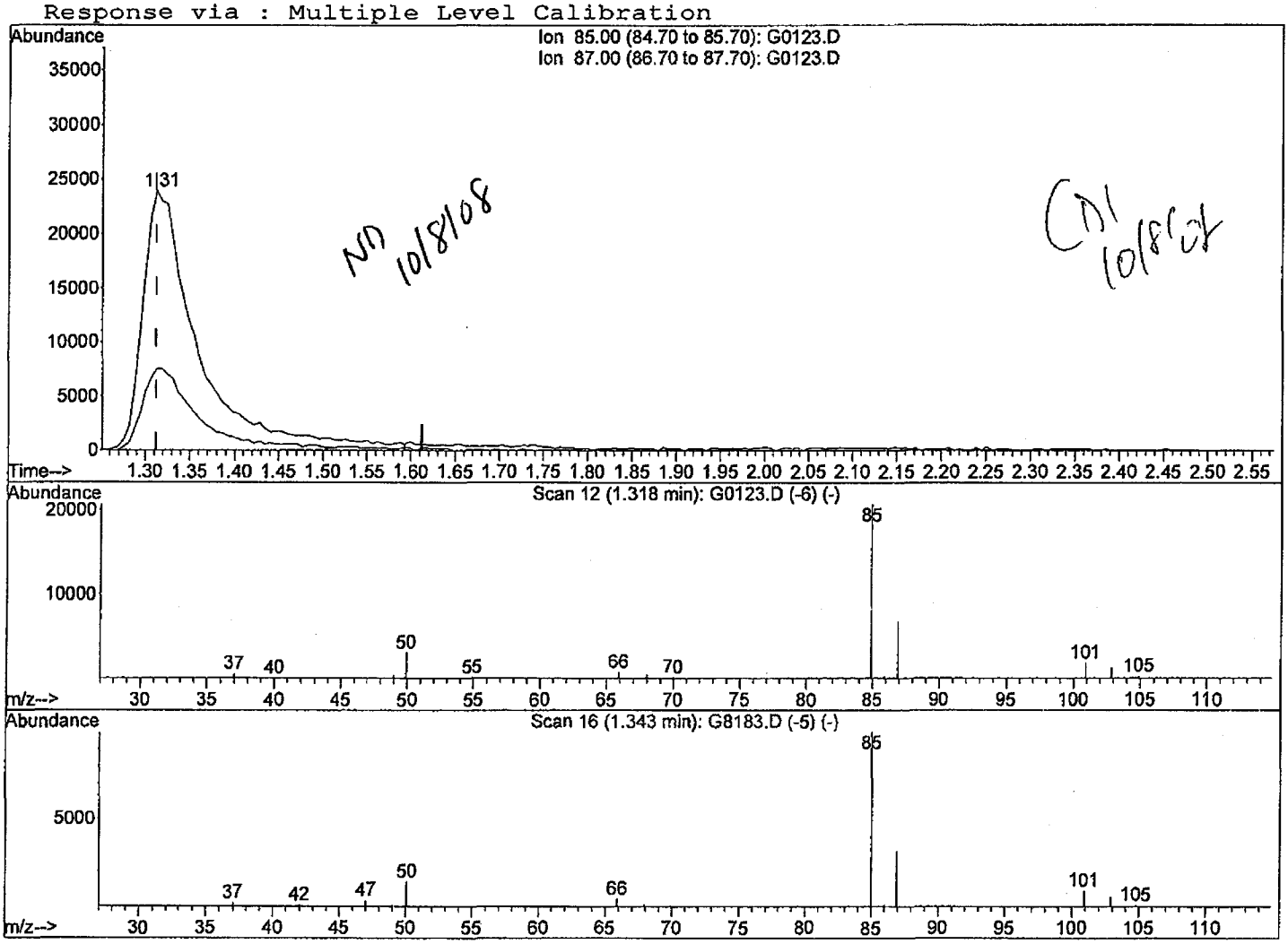
response 99678

Ion	Exp%	Act%
85.00	100	100
87.00	0.00	31.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\G\Data\100808\G0123.D Vial: 6
Acq On : 8 Oct 2008 18:55 Operator: ND
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 19:31:22 2008

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Multiple Level Calibration



TIC: G0123.D

(2) C290 Dichlorodifluoromethane (T)

1.31min (+0.000) 210.43ng m

response 104139

Ion	Exp%	Act%
85.00	100	100
87.00	0.00	31.44#
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002590-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: J1776.RR Calibration Date: 10/03/2008 Time: 17:49

Intrument ID: HP5973J Init. Calib. Date(s): 10/03/2008 10/03/2008

Heated Purge (Y/N): N Init. Calib. Times: 13:43 16:30

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.2540	0.2344	0.1000	7.700	100.00
Bromomethane	0.1480	0.1289	0.0100	12.900	100.00
Vinyl chloride	0.2850	0.2612	0.0100	8.400	20.00
Chloroethane	0.1330	0.1176	0.0100	11.600	100.00
Methylene chloride	0.3290	0.2401	0.0100	27.000	100.00
Acetone	0.0710	0.0595	0.0100	16.200	100.00
Carbon Disulfide	0.7690	0.6350	0.0100	17.400	100.00
1,1-Dichloroethene	0.2310	0.2006	0.0100	13.200	20.00
1,1-Dichloroethane	0.4890	0.4187	0.1000	14.400	100.00
cis-1,2-Dichloroethene	0.3760	0.3573	0.0100	5.000	100.00
trans-1,2-Dichloroethene	0.2760	0.2327	0.0100	15.700	100.00
Chloroform	0.6250	0.5770	0.0100	7.700	20.00
1,2-Dichloroethane	0.4960	0.4505	0.0100	9.200	100.00
2-Butanone	0.1380	0.1280	0.0100	7.200	100.00
1,1,1-Trichloroethane	0.5670	0.5236	0.0100	7.600	100.00
Carbon Tetrachloride	0.4370	0.4057	0.0100	7.200	100.00
Bromodichloromethane	0.6250	0.5770	0.0100	7.700	100.00
1,2-Dichloropropane	0.3510	0.3346	0.0100	4.700	20.00
cis-1,3-Dichloropropene	0.5470	0.5365	0.0100	1.900	100.00
Trichloroethene	0.3650	0.3392	0.0100	7.100	100.00
Dibromochloromethane	0.3280	0.3238	0.0100	1.300	100.00
1,1,2-Trichloroethane	0.2840	0.2723	0.0100	4.100	100.00
Benzene	1.5360	1.4093	0.0100	8.200	100.00
trans-1,3-Dichloropropene	0.5440	0.5390	0.0100	0.900	100.00
Bromoform	0.3530	0.3453	0.1000	2.200	100.00
4-Methyl-2-pentanone	0.3080	0.3011	0.0100	2.200	100.00
2-Hexanone	0.2210	0.2150	0.0100	2.700	100.00
Tetrachloroethene	0.4120	0.3878	0.0100	5.900	100.00
1,1,2,2-Tetrachloroethane	0.8390	0.8334	0.3000	0.700	100.00
Toluene	1.0580	0.9883	0.0100	6.600	20.00
Chlorobenzene	1.1320	1.0661	0.3000	5.800	100.00
Ethylbenzene	2.0040	1.8808	0.0100	6.100	20.00
Styrene	1.2770	1.2552	0.0100	1.700	100.00
Total Xylenes	0.8060	0.7735	0.0100	4.000	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.2590	0.2194	0.0100	15.300	100.00
1,2,4-Trichlorobenzene	1.0510	1.0459	0.0100	0.500	100.00
1,2-Dibromo-3-chloropropane	0.1360	0.1319	0.0100	3.000	100.00
1,2-Dibromoethane	0.3590	0.3426	0.0100	4.600	100.00
1,2-Dichlorobenzene	1.6750	1.5859	0.0100	5.300	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002590-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: J1776.RR Calibration Date: 10/03/2008 Time: 17:49

Intrument ID: HP5973J Init. Calib. Date(s): 10/03/2008 10/03/2008

Heated Purge (Y/N): N Init. Calib. Times: 13:43 16:30

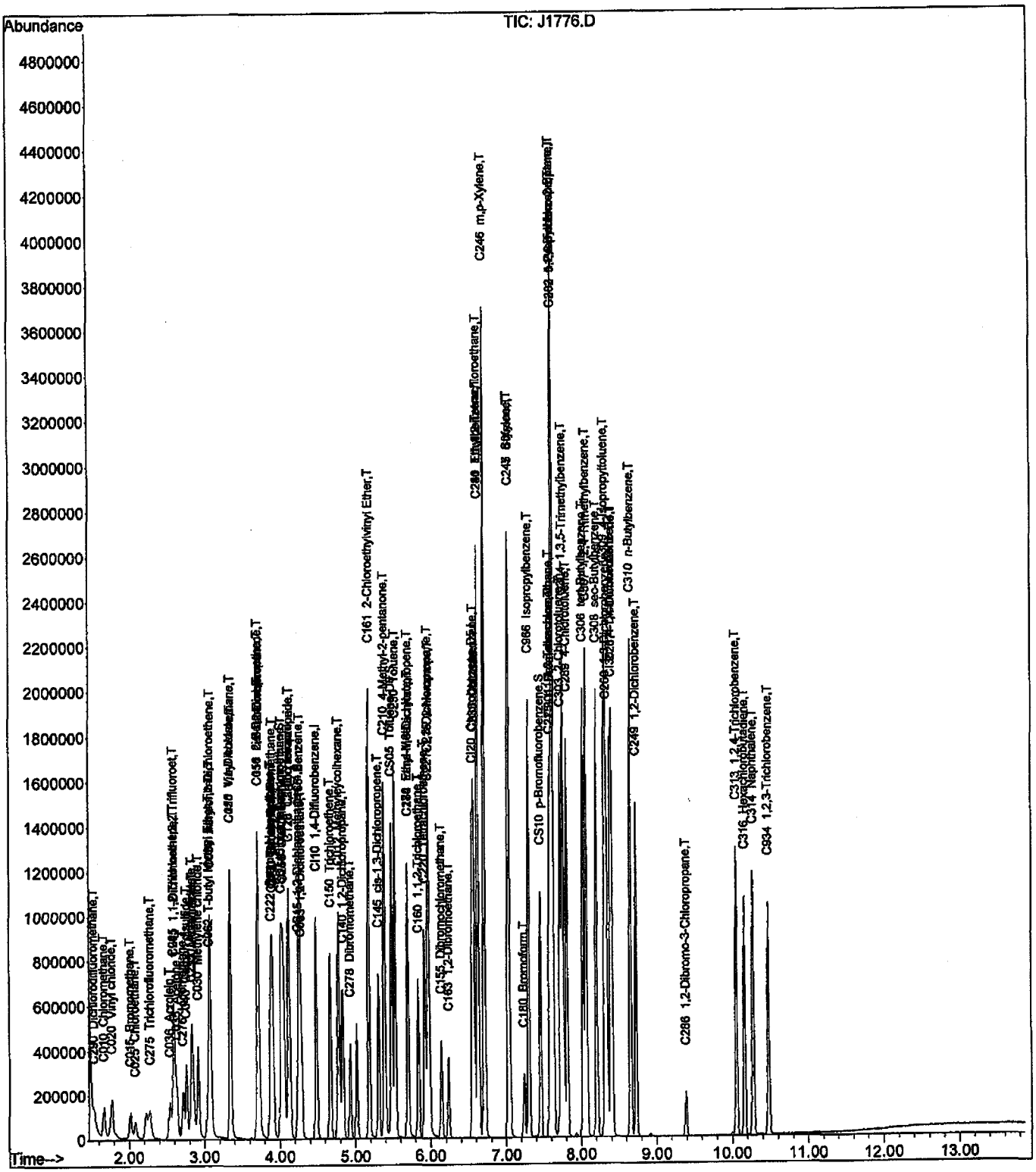
GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.7460	1.6747	0.0100	4.100	100.00
1,4-Dichlorobenzene	1.8160	1.7099	0.0100	5.800	100.00
Cyclohexane	0.5920	0.5382	0.0100	9.100	100.00
Dichlorodifluoromethane	0.2490	0.2240	0.0100	10.000	100.00
Methyl acetate	0.3040	0.2465	0.0100	18.900	100.00
Trichlorofluoromethane	0.4460	0.3902	0.0100	12.500	100.00
Methyl-t-Butyl Ether (MTBE)	0.8750	0.7451	0.0100	14.800	100.00
Isopropylbenzene	3.7810	3.5763	0.0100	5.400	100.00
Methylcyclohexane	0.6720	0.6306	0.0100	6.200	100.00
Toluene-D8	1.1590	1.2739	0.0100	-9.900	100.00
p-Bromofluorobenzene	0.3810	0.4117	0.0100	-8.000	100.00
1,2-Dichloroethane-D4	0.3410	0.3621	0.0100	-6.200	100.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1776.D Vial: 11
Acq On : 3 Oct 2008 17:49 Operator: LH/MF
Sample : VSTD025 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 18:17:09 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1776.D Vial: 11
Acq On : 3 Oct 2008 17:49 Operator: LH/MF
Sample : VSTD025 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 18:17:09 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.48	114	746219	125.00	ng		0.00 109.18%
43) CI20	Chlorobenzene-D5	6.55	117	684629	125.00	ng		0.00 107.17%
62) CI30	1,4-Dichlorobenzene-	8.39	152	379545	125.00	ng		0.00 107.77%
System Monitoring Compounds								
30) CS87	Dibromofluoromethane	4.01	111	202513	135.73	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	108.58%			
31) CS15	1,2-Dichloroethane-D	4.24	65	270212	132.73	ng		0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	106.18%			
44) CS05	Toluene-D8	5.48	98	872154	137.43	ng		0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	109.94%			
61) CS10	p-Bromofluorobenzene	7.46	174	281854	135.00	ng		0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	108.00%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.53	85	167133	112.30	ng		99
3) C010	Chloromethane	1.66	50	174928	115.44	ng		96
4) C020	Vinyl chloride	1.77	62	194890	114.39	ng		97
5) C015	Bromomethane	2.02	94	96205	108.64	ng		96
6) C025	Chloroethane	2.08	64	87778	110.46	ng		99
7) C275	Trichlorofluorometha	2.27	101	291143m	109.36	ng		99
8) C045	1,1-Dichloroethene	2.58	96	149706	108.49	ng		88
9) C030	Methylene chloride	2.91	84	179136	108.45	ng		89
10) C040	Carbon disulfide	2.75	76	473825	103.21	ng		100
11) C036	Acrolein	2.53	56	153266	1380.06	ng		98
12) C038	Acrylonitrile	3.08	53	261267	532.39	ng		98
13) C035	Acetone	2.63	43	221909	524.53	ng		91
14) C300	Acetonitrile	2.83	41	619840	4059.78	ng		100
15) C276	Iodomethane	2.71	142	235622	106.29	ng		96
16) C291	1,1,2 Trichloro-1,2,	2.60	101	163696	105.91	ng		95
17) C962	T-butyl Methyl Ether	3.05	73	556024	106.45	ng		98
18) C057	trans-1,2-Dichloroet	3.07	96	173621	105.51	ng		97
19) C255	Methyl Acetate	2.82	43	183922	109.35	ng		100
20) C050	1,1-Dichloroethane	3.35	63	312414	106.95	ng		97
21) C125	Vinyl Acetate	3.34	43	1306624	552.35	ng		96
22) C051	2,2-Dichloropropane	3.71	77	365158	120.89	ng	#	38
23) C056	cis-1,2-Dichloroethe	3.71	96	266596	118.65	ng		95
24) C272	Tetrahydrofuran	3.89	42	315890	603.60	ng		97
25) C222	Bromochloromethane	3.88	128	126155	118.83	ng		97
26) C060	Chloroform	3.91	83	430600	115.35	ng		98
27) C115	1,1,1-Trichloroethan	4.02	97	390727	115.44	ng		92
28) C120	Carbon tetrachloride	4.13	117	302728	115.92	ng		98
29) C116	1,1-Dichloropropene	4.11	75	340425	116.56	ng		97
32) C165	Benzene	4.26	78	1051661	114.72	ng		100
33) C065	1,2-Dichloroethane	4.28	62	336141	113.60	ng		98
34) C110	2-Butanone	3.71	43	477396	579.49	ng		94
35) C256	Cyclohexane	4.05	56	401632	113.55	ng	#	79
36) C150	Trichloroethene	4.67	95	253145	116.25	ng		93
37) C140	1,2-Dichloropropane	4.83	63	249652	119.23	ng		100
38) C278	Dibromomethane	4.93	93	144646	117.22	ng		97

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1776.D Vial: 11
Acq On : 3 Oct 2008 17:49 Operator: LH/MF
Sample : VSTD025 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 18:17:09 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDChem\1\DATA\100308\J1771.D (3 Oct 2008 15:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	430600	115.35	ng		97
40) C161	2-Chloroethylvinyl E	5.18	63	816182	612.04	ng	#	87
41) C012	Methylcycolhexane	4.78	83	470559	117.22	ng	#	82
42) C145	cis-1,3-Dichloroprop	5.30	75	400365	122.68	ng		96
45) C230	Toluene	5.53	92	676600	116.81	ng		97
46) C170	trans-1,3-Dichloropr	5.69	75	368995	123.90	ng		92
47) C284	Ethyl Methacrylate	5.70	69	334178	122.57	ng	#	72
48) C160	1,1,2-Trichloroethan	5.84	83	186394	119.99	ng		93
49) C210	4-Methyl-2-pentanone	5.38	43	1030851	610.68	ng	#	84
50) C220	Tetrachloroethene	5.92	166	265482	117.62	ng		100
51) C221	1,3-Dichloropropane	5.96	76	400783	118.59	ng		99
52) C155	Dibromochloromethane	6.14	129	221694	114.33	ng		97
53) C163	1,2-Dibromoethane	6.24	107	234551	119.18	ng		99
54) C215	2-Hexanone	5.97	43	736093	608.79	ng	#	85
55) C235	Chlorobenzene	6.58	112	729865	117.76	ng		96
56) C281	1,1,1,2-Tetrachloroe	6.63	131	233568	121.07	ng	#	82
57) C240	Ethylbenzene	6.63	91	1287637	117.32	ng		98
58) C246	m,p-Xylene	6.71	106	1060789	235.82	ng		96
59) C247	o-Xylene	7.03	106	529592	119.96	ng		96
60) C245	Styrene	7.04	104	859326	122.82	ng		93
63) C180	Bromoform	7.23	173	131053	111.22	ng		98
64) C966	Isopropylbenzene	7.30	105	1357362	118.24	ng		97
65) C301	Bromobenzene	7.59	156	318305	117.92	ng	#	72
66) C225	1,1,2,2-Tetrachloroe	7.58	83	316300	124.12	ng		98
67) C282	1,2,3-Trichloropropa	7.62	110	103323	116.24	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	413573	721.61	ng	#	70
69) C302	n-Propylbenzene	7.63	91	1681024	121.87	ng		99
70) C303	2-Chlorotoluene	7.73	126	326101	119.38	ng		100
71) C289	4-Chlorotoluene	7.81	126	346613	121.11	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	1221864	118.56	ng		99
73) C306	tert-Butylbenzene	8.03	134	242693	120.14	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	1238476	117.66	ng		99
75) C308	sec-Butylbenzene	8.20	105	1455315	120.84	ng		97
76) C260	1,3-Dichlorobenzene	8.34	146	635620	119.90	ng		100
77) C309	4-Isopropyltoluene	8.31	119	1291474	120.64	ng		95
78) C267	1,4-Dichlorobenzene	8.41	146	648986	117.67	ng		94
79) C249	1,2-Dichlorobenzene	8.73	146	601914	118.32	ng		98
80) C310	n-Butylbenzene	8.66	91	1197593	123.02	ng		98
81) C286	1,2-Dibromo-3-Chloro	9.39	75	50059	121.41	ng	#	81
82) C313	1,2,4-Trichlorobenze	10.05	180	396984	124.42	ng		99
83) C316	Hexachlorobutadiene	10.16	225	208199	117.22	ng		96
84) C314	Naphthalene	10.27	128	916062	125.30	ng		100
85) C934	1,2,3-Trichlorobenze	10.48	180	322720	121.15	ng		99

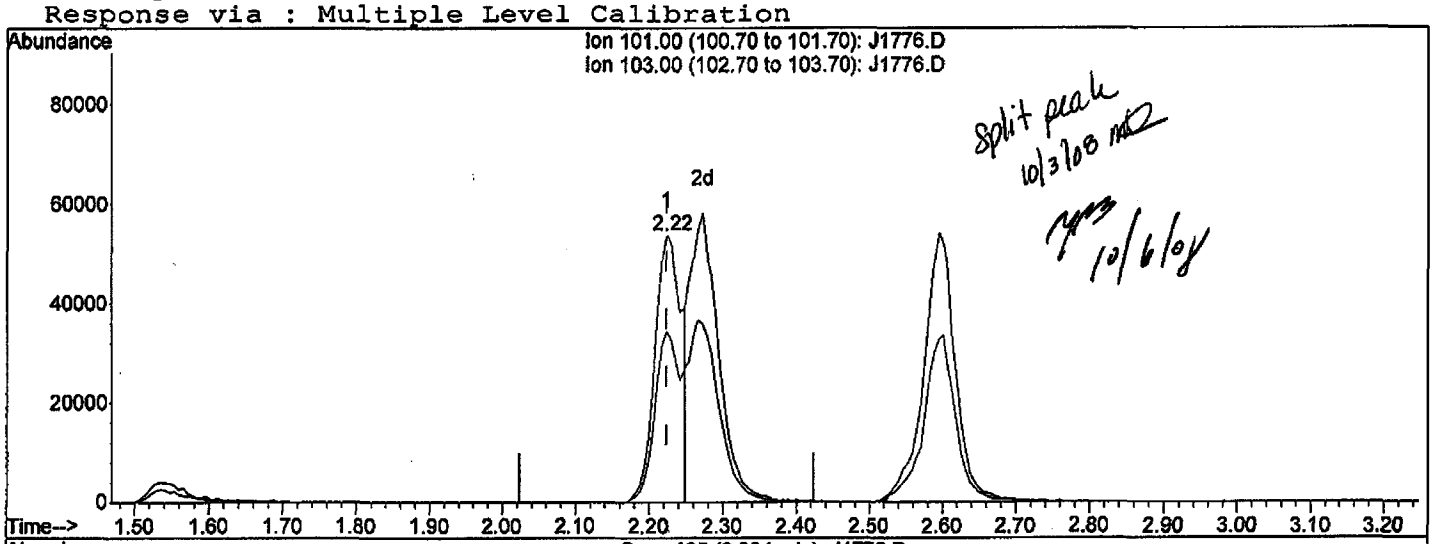
(#) = qualifier out of range (m) = manual integration (+) = signals summed

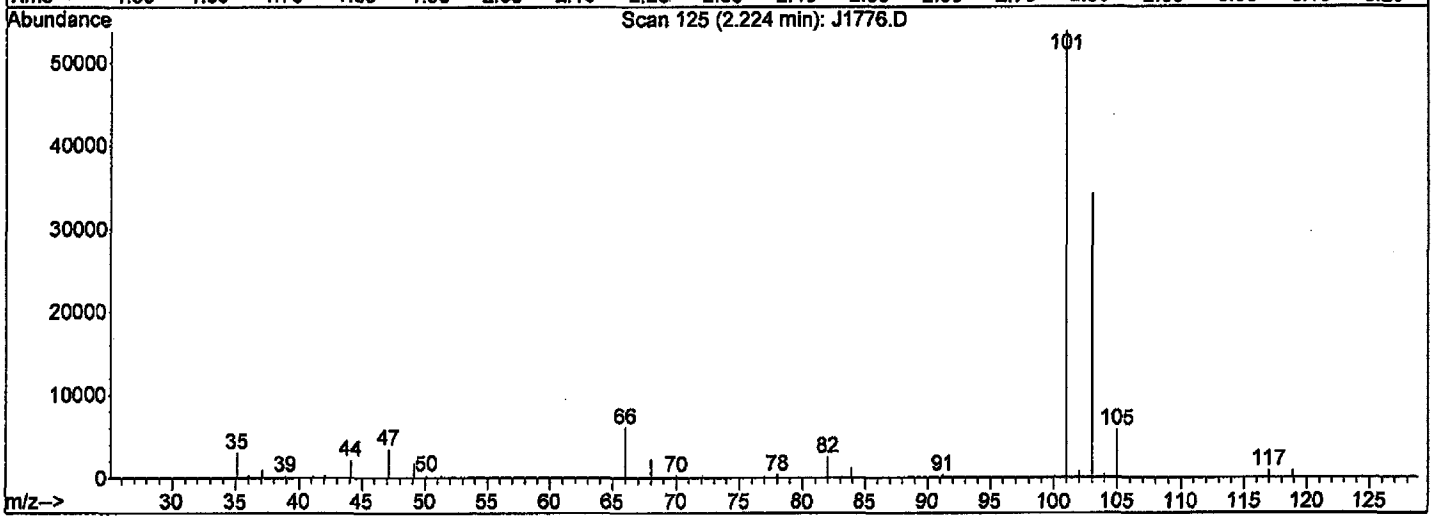
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\100308\J1776.D
Acq On : 3 Oct 2008 17:49
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 18:16:46 2008

Vial: 11
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response via : Multiple Level Calibration





TIC: J1776.D

(7) C275 Trichlorofluoromethane (T)

2.22min (0.000) 50.09ng

response 133346

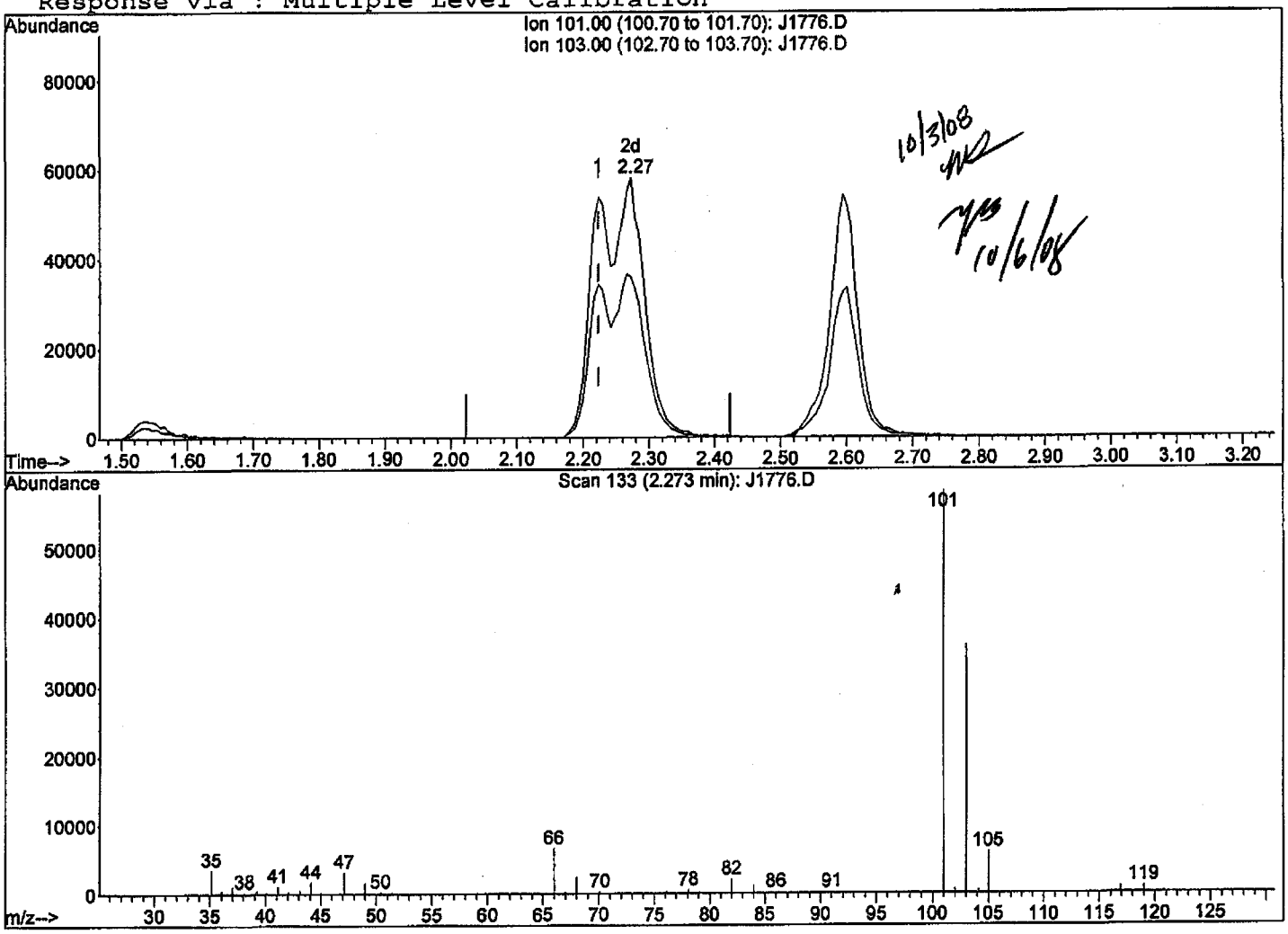
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	63.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\100308\J1776.D
Acq On : 3 Oct 2008 17:49
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 18:16:46 2008

Vial: 11
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response via : Multiple Level Calibration



TIC: J1776.D

(7) C275 Trichlorofluoromethane (T)

2.27min (+0.049) 109.36ng m

response 291143

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	61.72
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002510-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: P1670.RR Calibration Date: 10/02/2008 Time: 22:38

Intrument ID: HP5973P Init. Calib. Date(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Init. Calib. Times: 13:31 15:22

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.3690	0.3422	0.1000	7.300	100.00
Bromomethane	0.1270	0.1617	0.0100	-27.300	100.00
Vinyl chloride	0.3190	0.3217	0.0100	-0.900	20.00
Chloroethane	0.1890	0.2201	0.0100	-16.400	100.00
Methylene chloride	0.4840	0.4232	0.0100	12.600	100.00
Acetone	0.1380	0.1627	0.0100	-17.900	100.00
Carbon Disulfide	1.0740	1.1159	0.0100	-3.900	100.00
1,1-Dichloroethene	0.3350	0.3692	0.0100	-10.200	20.00
1,1-Dichloroethane	0.6610	0.7050	0.1000	-6.600	100.00
cis-1,2-Dichloroethene	0.4000	0.4169	0.0100	-4.200	100.00
trans-1,2-Dichloroethene	0.3670	0.3929	0.0100	-7.000	100.00
Chloroform	0.6110	0.7201	0.0100	-17.800	20.00
1,2-Dichloroethane	0.5210	0.6362	0.0100	-22.100	100.00
2-Butanone	0.2270	0.2350	0.0100	-3.500	100.00
1,1,1-Trichloroethane	0.5530	0.6957	0.0100	-25.800	100.00
Carbon Tetrachloride	0.4330	0.5524	0.0100	-27.600	100.00
Bromodichloromethane	0.4370	0.5017	0.0100	-14.800	100.00
1,2-Dichloropropane	0.3710	0.3661	0.0100	1.300	20.00
cis-1,3-Dichloropropene	0.5500	0.5620	0.0100	-2.200	100.00
Trichloroethene	0.3580	0.3861	0.0100	-7.800	100.00
Dibromochloromethane	0.3480	0.3924	0.0100	-12.800	100.00
1,1,2-Trichloroethane	0.2980	0.3050	0.0100	-2.300	100.00
Benzene	1.3560	1.3769	0.0100	-1.500	100.00
trans-1,3-Dichloropropene	0.5490	0.5896	0.0100	-7.400	100.00
Bromoform	0.4370	0.4338	0.1000	0.700	100.00
4-Methyl-2-pentanone	0.5000	0.5163	0.0100	-3.300	100.00
2-Hexanone	0.3480	0.3748	0.0100	-7.700	100.00
Tetrachloroethene	0.3430	0.3935	0.0100	-14.700	100.00
1,1,2,2-Tetrachloroethane	0.9990	0.9691	0.3000	3.000	100.00
Toluene	0.9440	0.9482	0.0100	-0.400	20.00
Chlorobenzene	1.0270	1.0752	0.3000	-4.700	100.00
Ethylbenzene	1.7320	1.8564	0.0100	-7.200	20.00
Styrene	1.0780	1.1317	0.0100	-5.000	100.00
Total Xylenes	0.6610	0.6928	0.0100	-4.800	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3140	0.3727	0.0100	-18.700	100.00
1,2,4-Trichlorobenzene	1.1480	1.2149	0.0100	-5.800	100.00
1,2-Dibromo-3-chloropropane	0.2320	0.2499	0.0100	-7.700	100.00
1,2-Dibromoethane	0.3800	0.4039	0.0100	-6.300	100.00
1,2-Dichlorobenzene	1.5770	1.6338	0.0100	-3.600	100.00

METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002510-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: P1670.RR Calibration Date: 10/02/2008 Time: 22:38

Intrument ID: HP5973P Init. Calib. Date(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Init. Calib. Times: 13:31 15:22

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.5360	1.6059	0.0100	-4.600	100.00
1,4-Dichlorobenzene	1.6010	1.6682	0.0100	-4.200	100.00
Cyclohexane	0.6470	0.6443	0.0100	0.400	100.00
Dichlorodifluoromethane	0.3110	0.3546	0.0100	-14.000	100.00
Methyl acetate	0.6330	0.6692	0.0100	-5.700	100.00
Trichlorofluoromethane	0.5600	0.7102	0.0100	-26.800	100.00
Methyl-t-Butyl Ether (MTBE)	1.0880	1.2320	0.0100	-13.200	100.00
Isopropylbenzene	3.0670	3.1364	0.0100	-2.300	100.00
Methylcyclohexane	0.4850	0.4848	0.0100	0.000	100.00
==========	==========	==========	==========	==========	==========
Toluene-D8	1.2210	1.2868	0.0100	-5.400	100.00
p-Bromofluorobenzene	0.3930	0.4213	0.0100	-7.200	100.00
1,2-Dichloroethane-D4	0.3780	0.4544	0.0100	-20.200	100.00

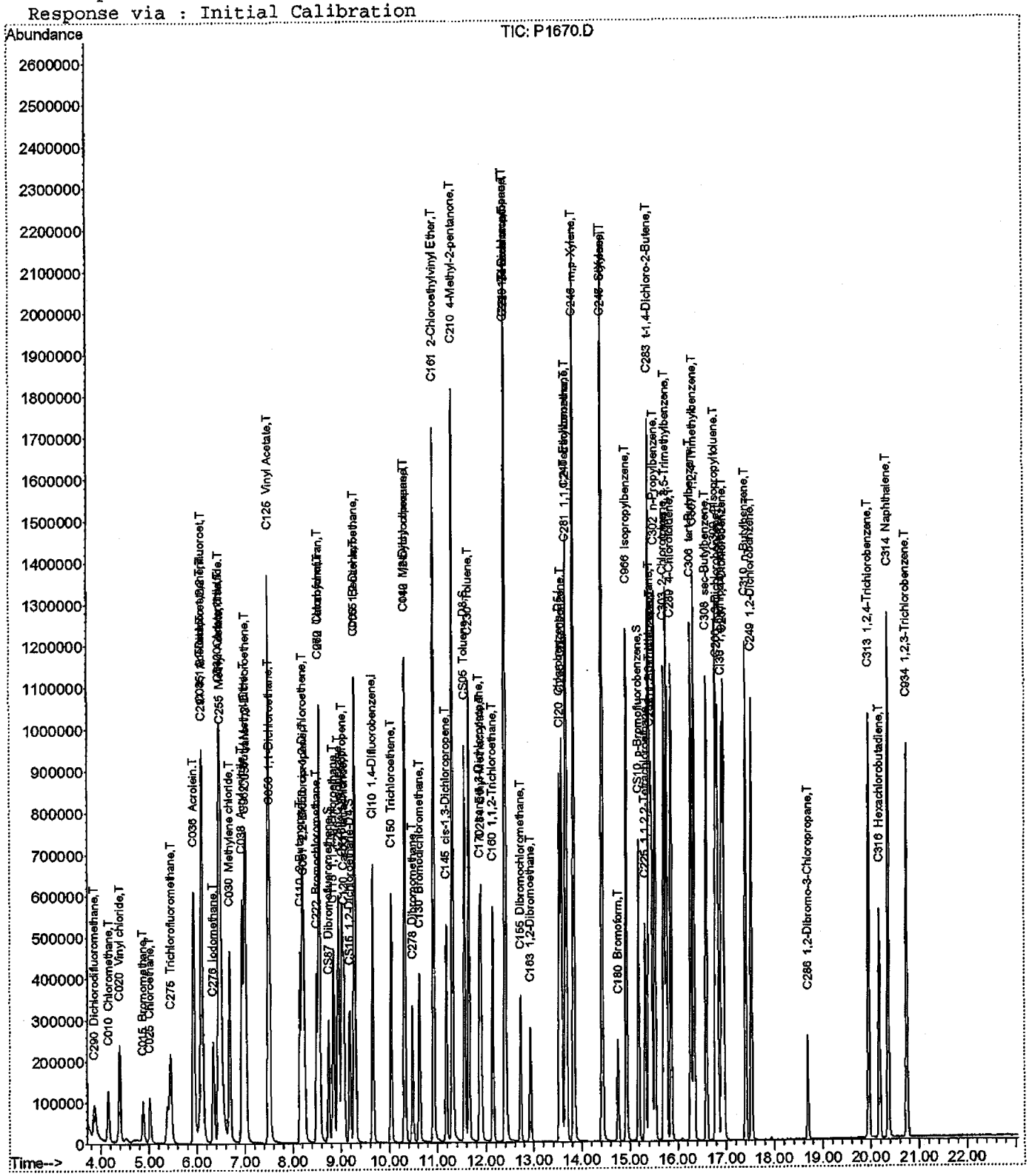
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1670.D
Acq On : 2 Oct 2008 22:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 2 23:12 2008

Vial: 1
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Oct 02 20:32:09 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1670.D
Acq On : 2 Oct 2008 22:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 02 23:13:24 2008

Vial: 1
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Oct 02 20:32:09 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1643.D (2 Oct 2008 9:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.65	114	629951	125.00	ng	0.00 94.77%
43) CI20	Chlorobenzene-D5	13.54	117	596865	125.00	ng	0.00 96.24%
62) CI30	1,4-Dichlorobenzene-	16.91	152	337083	125.00	ng	0.00 98.49%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	216197	141.05	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	112.84%	
31) CS15	1,2-Dichloroethane-D	9.18	65	286261	150.29	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	120.23%	
44) CS05	Toluene-D8	11.56	98	768065	131.69	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	105.35%	
61) CS10	p-Bromofluorobenzene	15.19	174	251468	134.17	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	107.34%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	3.86	85	223364	141.89	ng	90
3) C010	Chloromethane	4.16	50	215558	116.04	ng	96
4) C020	Vinyl chloride	4.38	62	202676	125.91	ng	100
5) C015	Bromomethane	4.87	94	101866	159.23	ng	95
6) C025	Chloroethane	5.01	64	138651	145.54	ng	94
7) C275	Trichlorofluorometha	5.45	101	447384m	158.39	ng	97
8) C045	1,1-Dichloroethene	6.10	96	232593	137.94	ng	97
9) C030	Methylene chloride	6.68	84	266617	129.63	ng	96
10) C040	Carbon disulfide	6.47	76	702979	129.84	ng	100
11) C036	Acrolein	5.93	56	875975	2639.85	ng	96
12) C038	Acrylonitrile	6.93	53	610514	639.95	ng	99
13) C035	Acetone	6.10	43	512576	736.09	ng	99
14) C300	Acetonitrile	6.45	41	1890515	5117.56	ng	99
15) C276	Iodomethane	6.33	142	404387	139.75	ng	98
16) C291	1,1,2 Trichloro-1,2,	6.08	101	234795	148.28	ng	90
17) C962	T-butyl Methyl Ether	6.99	73	776074	141.47	ng	99
18) C057	trans-1,2-Dichloroet	7.02	96	247484	133.83	ng	94
19) C255	Methyl Acetate	6.49	43	421550	132.09	ng	95
20) C050	1,1-Dichloroethane	7.51	63	444132	133.30	ng	97
21) C125	Vinyl Acetate	7.48	43	2417971	678.90	ng	96
22) C051	2,2-Dichloropropane	8.23	77	409575	152.58	ng	98
23) C056	cis-1,2-Dichloroethe	8.20	96	262629	130.40	ng	97
24) C272	Tetrahydrofuran	8.55	42	476301	618.68	ng	96
25) C222	Bromochloromethane	8.49	128	127205	134.60	ng	# 87
26) C060	Chloroform	8.54	83	453650	147.21	ng	100
27) C115	1,1,1-Trichloroethan	8.83	97	438253	157.38	ng	94
28) C120	Carbon tetrachloride	9.05	117	348006	159.48	ng	97
29) C116	1,1-Dichloropropene	9.01	75	309130	137.40	ng	95
32) C165	Benzene	9.28	78	867364	126.92	ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1670.D
Acq On : 2 Oct 2008 22:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 02 23:13:24 2008

Vial: 1
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Oct 02 20:32:09 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	400796	152.76 ng		98
34)	C110	2-Butanone	8.15	43	740042	646.63 ng		93
35)	C256	Cyclohexane	8.94	56	405855	124.55 ng		90
36)	C150	Trichloroethene	10.03	95	243208	134.95 ng		93
37)	C140	1,2-Dichloropropane	10.32	63	230631	123.50 ng		95
38)	C278	Dibromomethane	10.48	93	158625	133.54 ng		91
39)	C130	Bromodichloromethane	10.62	83	316064	143.46 ng		97
40)	C161	2-Chloroethylvinyl E	10.92	63	859232	635.11 ng	#	90
41)	C012	Methylcycolhexane	10.32	83	305406	124.95 ng		89
42)	C145	cis-1,3-Dichloroprop	11.18	75	354026	127.81 ng		93
45)	C230	Toluene	11.65	92	565970	125.59 ng		99
46)	C170	trans-1,3-Dichloropr	11.87	75	351920	134.17 ng		100
47)	C284	Ethyl Methacrylate	11.90	69	312425	124.32 ng	#	70
48)	C160	1,1,2-Trichloroethan	12.14	83	182061	127.83 ng	#	82
49)	C210	4-Methyl-2-pentanone	11.31	43	1540878	646.00 ng	#	85
50)	C220	Tetrachloroethene	12.41	166	234885	143.22 ng		98
51)	C221	1,3-Dichloropropane	12.38	76	363166	131.50 ng		99
52)	C155	Dibromochloromethane	12.72	129	234223	140.82 ng		100
53)	C163	1,2-Dibromoethane	12.93	107	241086	132.82 ng		92
54)	C215	2-Hexanone	12.39	43	1118558	673.32 ng		98
55)	C235	Chlorobenzene	13.58	112	641750	130.82 ng		94
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	239601	144.17 ng		97
57)	C240	Ethylbenzene	13.68	91	1108039	133.95 ng		98
58)	C246	m,p-Xylene	13.84	106	808883	262.18 ng		95
59)	C247	o-Xylene	14.42	106	413507	131.03 ng		97
60)	C245	Styrene	14.43	104	675468	131.22 ng		89
63)	C180	Bromoform	14.75	173	146232	113.87 ng		96
64)	C966	Isopropylbenzene	14.93	105	1057239	127.81 ng		93
65)	C301	Bromobenzene	15.45	156	286934	133.04 ng	#	83
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	326665	121.32 ng		98
67)	C282	1,2,3-Trichloropropa	15.43	110	105806	142.73 ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	297126	543.53 ng	#	52
69)	C302	n-Propylbenzene	15.53	91	1309125	129.05 ng		91
70)	C303	2-Chlorotoluene	15.71	126	273794	128.56 ng		100
71)	C289	4-Chlorotoluene	15.86	126	281792	129.98 ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	940047	133.74 ng	#	47
73)	C306	tert-Butylbenzene	16.27	134	178592	126.20 ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	962530	133.69 ng		97
75)	C308	sec-Butylbenzene	16.60	105	1007456	129.09 ng		96
76)	C260	1,3-Dichlorobenzene	16.82	146	541324	130.73 ng		98
77)	C309	4-Isopropyltoluene	16.79	119	938420	131.31 ng		98
78)	C267	1,4-Dichlorobenzene	16.94	146	562313	130.28 ng		98
79)	C249	1,2-Dichlorobenzene	17.53	146	550723	129.48 ng		96
80)	C310	n-Butylbenzene	17.41	91	852039	130.25 ng		92
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	84253	134.47 ng		90
82)	C313	1,2,4-Trichlorobenze	19.96	180	409514	132.26 ng		99
83)	C316	Hexachlorobutadiene	20.17	225	148688	137.55 ng		95
84)	C314	Naphthalene	20.36	128	1313548	129.20 ng		100
85)	C934	1,2,3-Trichlorobenze	20.74	180	408816	133.14 ng		98

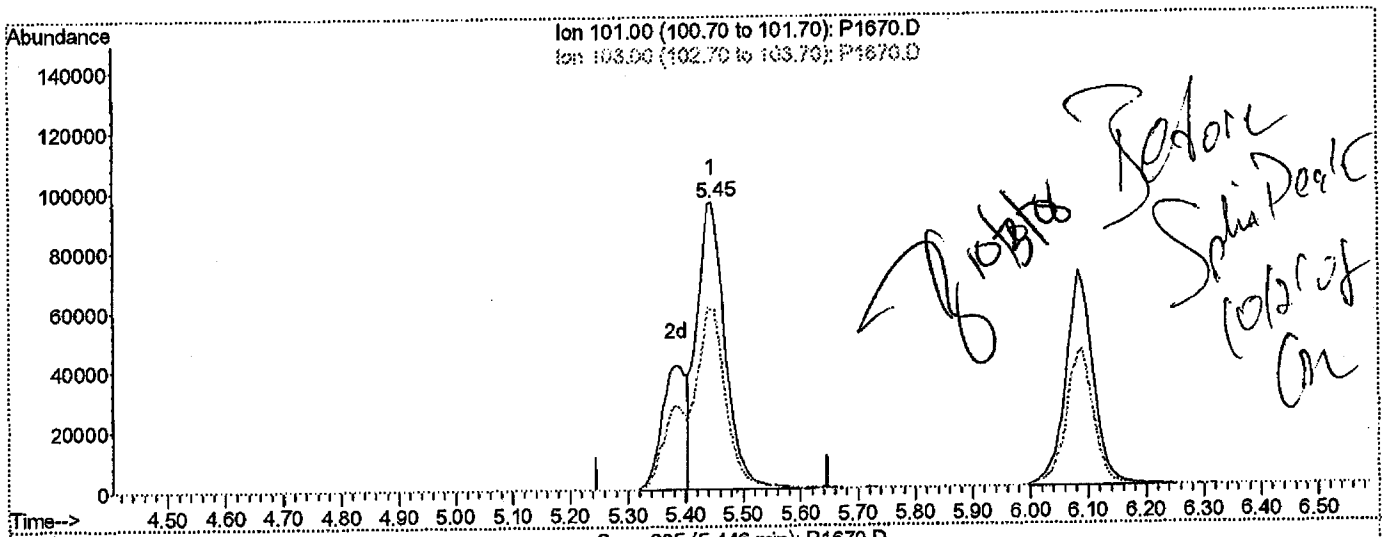
(#) = qualifier out of range (m) = manual integration

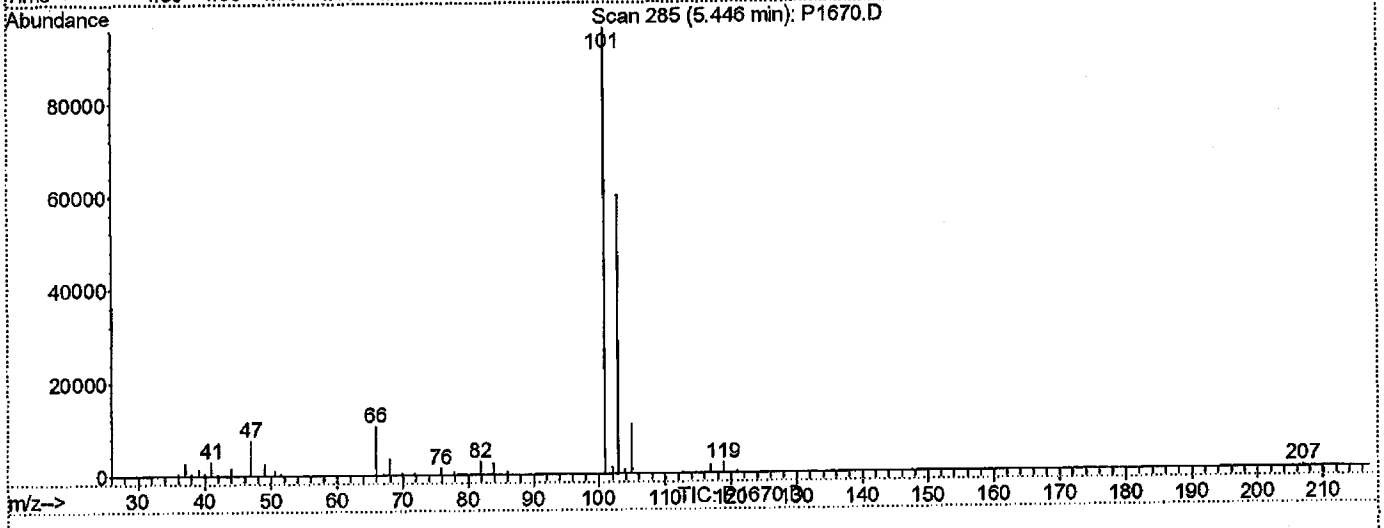
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\100208\P1670.D
Acq On : 2 Oct 2008 22:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 2 23:11 2008

Vial: 1
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Oct 02 20:32:09 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 114.58ng

response 323640

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.44
0.00	0.00	0.00
0.00	0.00	0.00

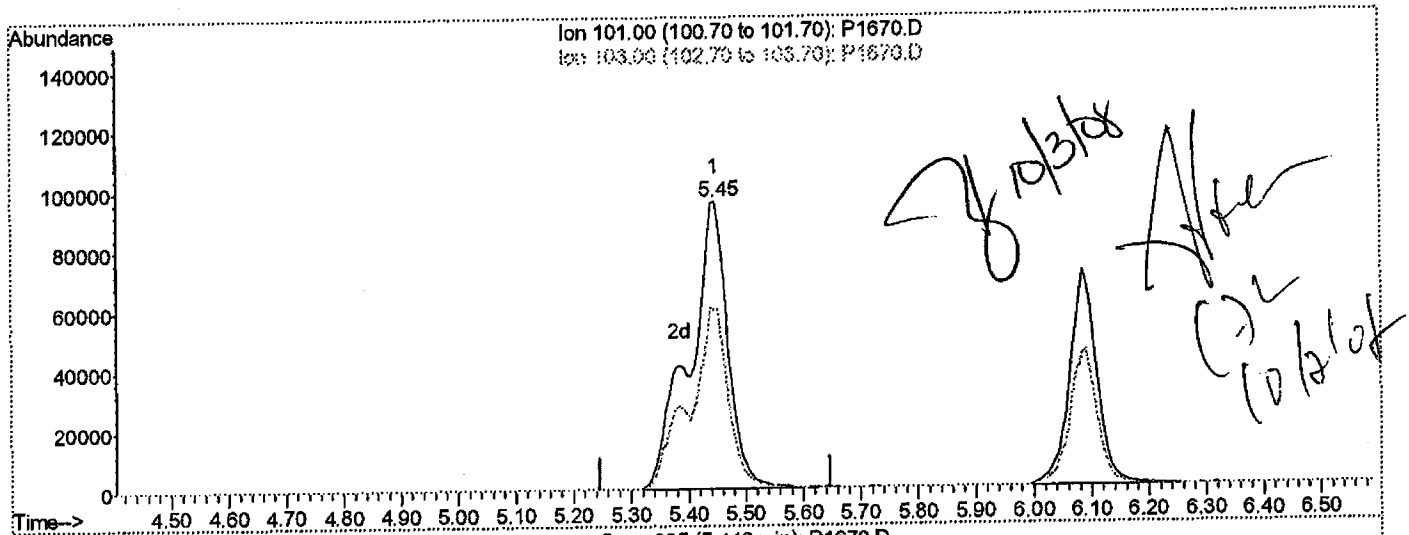
Quantitation Report (Qedit)

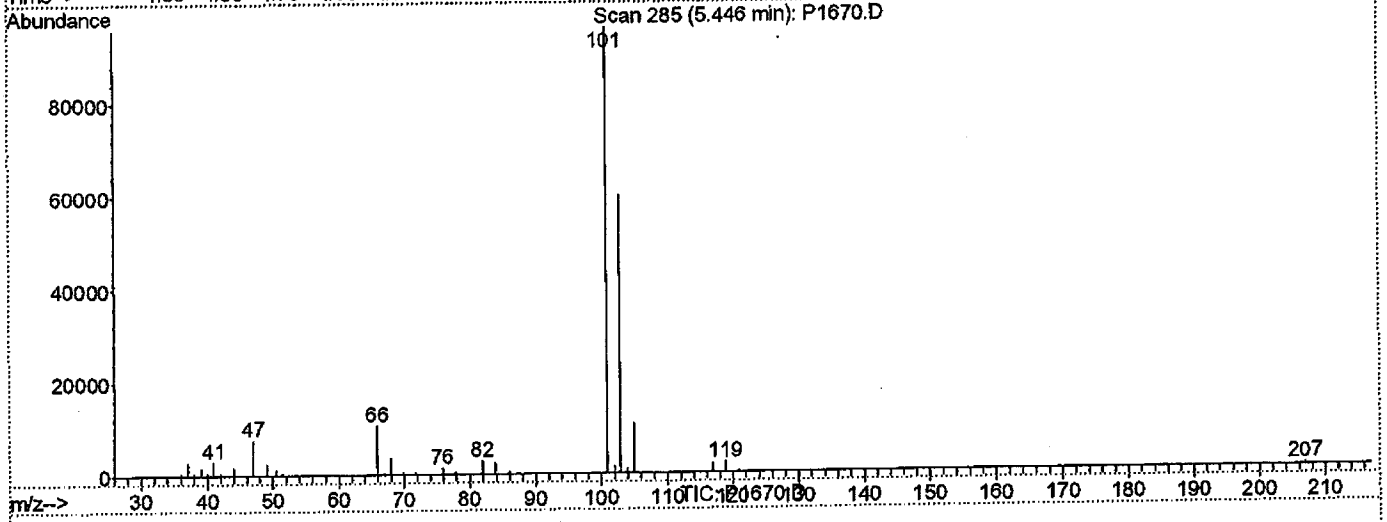
Data File : H:\GCMS_VOA\P\100208\P1670.D
Acq On : 2 Oct 2008 22:38
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 2 23:12 2008

Vial: 1
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Oct 02 20:32:09 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 158.39ng m

response 447384

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.44
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002575-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: S8698.RR Calibration Date: 10/08/2008 Time: 08:37

Intrument ID: HP5973S Init. Calib. Date(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Init. Calib. Times: 00:15 02:15

GC Column: ZB-624 ID: 0.18 (mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.4030	0.3619	0.1000	10.200	100.00
Bromomethane	0.1470	0.1023	0.0100	30.400	100.00
Vinyl chloride	0.4050	0.3441	0.0100	15.000	20.00
Chloroethane	0.1120	0.1079	0.0100	3.700	100.00
Methylene chloride	0.4790	0.3530	0.0100	26.300	100.00
Acetone	0.0560	0.0548	0.0100	2.100	100.00
Carbon Disulfide	0.8920	0.8287	0.0100	7.100	100.00
1,1-Dichloroethene	0.3330	0.3086	0.0100	7.300	20.00
1,1-Dichloroethane	0.6570	0.6345	0.1000	3.400	100.00
cis-1,2-Dichloroethene	0.3840	0.3777	0.0100	1.600	100.00
trans-1,2-Dichloroethene	0.3690	0.3585	0.0100	2.800	100.00
Chloroform	0.6240	0.6404	0.0100	-2.600	20.00
1,2-Dichloroethane	0.4400	0.4641	0.0100	-5.500	100.00
2-Butanone	0.0760	0.0751	0.0100	1.200	100.00
1,1,1-Trichloroethane	0.5620	0.5956	0.0100	-6.000	100.00
Carbon Tetrachloride	0.4600	0.4982	0.0100	-8.300	100.00
Bromodichloromethane	0.4100	0.4380	0.0100	-6.800	100.00
1,2-Dichloropropane	0.3460	0.3284	0.0100	5.100	20.00
cis-1,3-Dichloropropene	0.4910	0.4927	0.0100	-0.400	100.00
Trichloroethene	0.3750	0.3725	0.0100	0.700	100.00
Dibromochloromethane	0.4700	0.4808	0.0100	-2.300	100.00
1,1,2-Trichloroethane	0.3760	0.3419	0.0100	9.100	100.00
Benzene	1.4840	1.4225	0.0100	4.100	100.00
trans-1,3-Dichloropropene	0.7800	0.7572	0.0100	2.900	100.00
Bromoform	0.2500	0.2538	0.1000	-1.500	100.00
4-Methyl-2-pentanone	0.3050	0.2980	0.0100	2.300	100.00
2-Hexanone	0.1970	0.1969	0.0100	0.100	100.00
Tetrachloroethene	0.7260	0.6854	0.0100	5.600	100.00
1,1,2,2-Tetrachloroethane	0.5870	0.5225	0.3000	11.000	100.00
Toluene	1.8050	1.6869	0.0100	6.500	20.00
Chlorobenzene	1.7930	1.6641	0.3000	7.200	100.00
Ethylbenzene	3.3180	3.1894	0.0100	3.900	20.00
Styrene	1.7730	1.7553	0.0100	1.000	100.00
Total Xylenes	1.0870	1.0508	0.0100	3.300	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3100	0.3077	0.0100	0.700	100.00
1,2,4-Trichlorobenzene	0.7980	0.7199	0.0100	9.800	100.00
1,2-Dibromo-3-chloropropane	0.0880	0.0782	0.0100	11.100	100.00
1,2-Dibromoethane	0.4100	0.3874	0.0100	5.500	100.00
1,2-Dichlorobenzene	1.4610	1.3559	0.0100	7.200	100.00

METHOD 8260 - AQUEOUS (15% RSD)
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002575-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: S8698.RR Calibration Date: 10/08/2008 Time: 08:37

Intrument ID: HP5973S Init. Calib. Date(s): 09/26/2008 09/26/2008

Heated Purge (Y/N): N Init. Calib. Times: 00:15 02:15

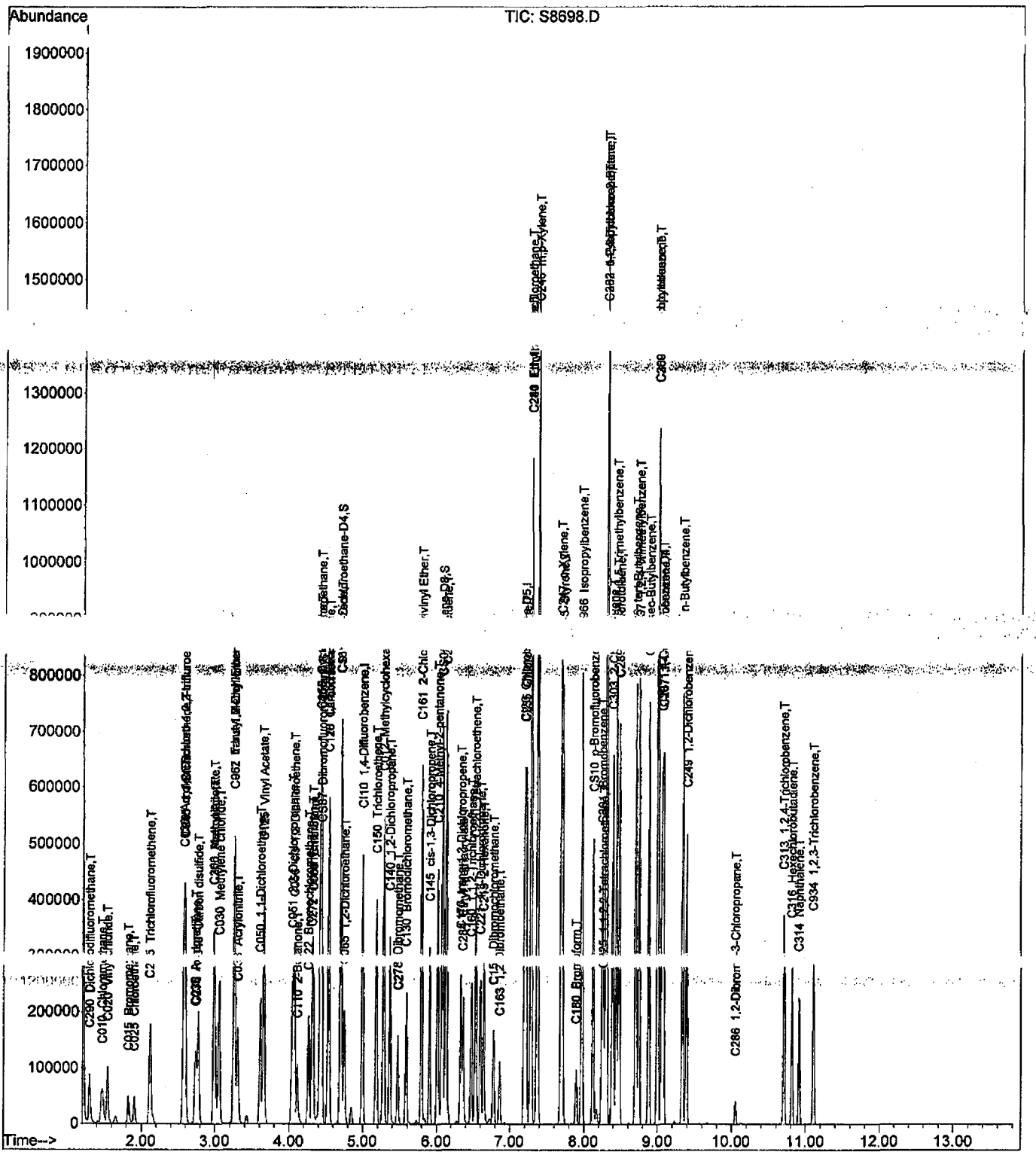
GC Column: ZB-624 ID: 0.18 (mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,3-Dichlorobenzene	1.6430	1.4673	0.0100	10.700	100.00
1,4-Dichlorobenzene	1.6770	1.4889	0.0100	11.200	100.00
Cyclohexane	0.6160	0.6157	0.0100	0.000	100.00
Dichlorodifluoromethane	0.3370	0.2775	0.0100	17.600	100.00
Methyl acetate	0.2680	0.3292	0.0100	-22.800	100.00
Trichlorofluoromethane	0.5180	0.5458	0.0100	-5.400	100.00
Methyl-t-Butyl Ether (MTBE)	0.6790	0.6637	0.0100	2.200	100.00
Isopropylbenzene	3.6880	3.4246	0.0100	7.100	100.00
Methylcyclohexane	0.5940	0.6101	0.0100	-2.700	100.00
Toluene-D8	2.5800	2.4554	0.0100	4.800	100.00
p-Bromofluorobenzene	0.7080	0.7228	0.0100	-2.100	100.00
1,2-Dichloroethane-D4	0.3780	0.3852	0.0100	-1.900	100.00

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8698.D Vial: 2
Acq On : 8 Oct 2008 8:37 Operator: DHC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 08:53:47 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 08:09:42 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8698.D Vial: 2
Acq On : 8 Oct 2008 8:37 Operator: DHC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 08:53:47 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 08:09:42 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100708\S8669.D (7 Oct 2008 9:51)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	280783	125.00	ng	0.00 97.87%
43) CI20	Chlorobenzene-D5	7.19	82	153318	125.00	ng	0.00 99.46%
63) CI30	1,4-Dichlorobenzene-	9.06	152	128768	125.00	ng	0.00 102.09%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	89670	129.00	NG	0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	103.20%		
31) CS15	1,2-Dichloroethane-D	4.69	65	108167	127.28	ng	0.00
Spiked Amount	125.000 Range	66 - 137		Recovery =	101.82%		
44) CS05	Toluene-D8	6.07	98	376462	118.96	ng	0.00
Spiked Amount	125.000 Range	71 - 126		Recovery =	95.17%		
62) CS10	p-Bromofluorobenzene	8.12	174	110817	127.69	ng	0.00
Spiked Amount	125.000 Range	73 - 120		Recovery =	102.15%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	77926	102.90	ng	# 100
3) C010	Chloromethane	1.47	50	101605	112.22	ng	99
4) C020	Vinyl chloride	1.54	62	96611	106.23	ng	84
5) C015	Bromomethane	1.82	94	28717	87.09	ng	86
6) C025	Chloroethane	1.90	64	30299	120.09	ng	86
7) C275	Trichlorofluorometha	2.12	101	153248	131.59	ng	97
8) C045	1,1-Dichloroethene	2.59	96	86648	115.71	ng	95
9) C030	Methylene chloride	3.06	84	99123	118.82	ng	91
10) C040	Carbon disulfide	2.77	76	232698	116.16	ng	99
11) C036	Acrolein	2.57	56	158003	1827.19	ng	95
12) C038	Acrylonitrile	3.30	53	108559	601.83	ng	93
13) C035	Acetone	2.73	43	76924	611.41	ng	97
14) C300	Acetonitrile	2.98	41	276621	4760.16	ng	99
15) C276	Iodomethane	2.74	142	96627	108.39	ng	92
16) C291	1,1,2-Trichloro-1,2,	2.58	101	86386	124.04	ng	93
17) C962	T-butyl Methyl Ether	3.26	73	186360	122.11	ng	94
18) C057	trans-1,2-Dichloroet	3.25	96	100657	121.41	ng	98
19) C255	Methyl Acetate	2.98	43	92431	153.73	ng	95
20) C050	1,1-Dichloroethane	3.61	63	178150	120.77	ng	99
21) C125	Vinyl Acetate	3.65	43	473481	553.34	ng	96
22) C051	2,2-Dichloropropane	4.04	77	135550	131.66	ng	95
23) C056	cis-1,2-Dichloroethe	4.07	96	106049	123.05	ng	98
24) C272	Tetrahydrofuran	4.30	42	68216	639.87	ng	85
25) C222	Bromochloromethane	4.26	128	41868	124.65	ng	94
27) C060	Chloroform	4.32	83	179813	128.37	ng	97
28) C115	1,1,1-Trichloroethan	4.42	97	167221	132.49	ng	98
29) C120	Carbon tetrachloride	4.53	117	139875	135.39	ng	98
30) C116	1,1-Dichloropropene	4.54	75	133709	123.74	ng	99
32) C165	Benzene	4.70	78	399426	119.81	ng	99
33) C065	1,2-Dichloroethane	4.75	62	130317	131.71	ng	96
34) C110	2-Butanone	4.11	43	105477	615.94	ng	90
35) C256	Cyclohexane	4.43	56	172883	124.91	ng	98
36) C150	Trichloroethene	5.18	95	104605	124.09	ng	87
37) C140	1,2-Dichloropropane	5.36	63	92219	118.72	ng	99
38) C278	Dibromomethane	5.47	93	45838	124.21	ng	90

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8698.D Vial: 2
Acq On : 8 Oct 2008 8:37 Operator: DHC
Sample : VSTD025 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 08:53:47 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 08:09:42 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100708\S8669.D (7 Oct 2008 9:51)

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39)	C130	Bromodichloromethane	5.58	83	122969	133.42	ng		99
40)	C161	2-Chloroethylvinyl E	5.79	63	205654	628.18	ng		95
41)	C012	Methylcyclohexane	5.28	83	171301	128.38	ng		96
42)	C145	cis-1,3-Dichloroprop	5.90	75	138343	125.37	ng		99
45)	C230	Toluene	6.13	92	258631	116.82	ng		93
46)	C170	trans-1,3-Dichloropr	6.33	75	116095	121.39	ng		99
47)	C284	Ethyl Methacrylate	6.36	69	78324	110.42	ng	#	90
48)	C160	1,1,2-Trichloroethan	6.48	83	52413	113.57	ng		96
49)	C210	4-Methyl-2-pentanone	6.01	43	228460	610.41	ng		88
50)	C220	Tetrachloroethene	6.53	166	105084	117.99	ng		95
51)	C221	1,3-Dichloropropane	6.60	76	117231	114.65	ng		99
52)	C155	Dibromochloromethane	6.77	129	73721	127.79	ng		97
53)	C163	1,2-Dibromoethane	6.86	107	59388	118.17	ng		99
54)	C215	2-Hexanone	6.64	43	150922	626.23	ng		89
55)	C235	Chlorobenzene	7.22	112	255138	116.01	ng		96
56)	C281	1,1,1,2-Tetrachloroe	7.29	131	87486	125.70	ng		98
57)	C240	Ethylbenzene	7.28	91	488999	120.16	ng		95
58)	C246	m,p-Xylene	7.37	106	347466	236.97	ng		83
59)	C247	o-Xylene	7.69	106	161109	120.88	ng		83
60)	C245	Styrene	7.71	104	269117	123.74	ng		92
61)	C180	Bromoform	7.89	173	38908	114.89	ng		99
64)	C966	Isopropylbenzene	7.97	105	440975	116.08	ng		94
65)	C301	Bromobenzene	8.25	156	94699	110.42	ng	#	85
66)	C225	1,1,2,2-Tetrachloroe	8.27	83	67287	111.35	ng		99
67)	C282	1,2,3-Trichloropropa	8.30	110	22188	121.72	ng		100
68)	C283	t-1,4-Dichloro-2-But	8.30	51	71896	609.81	ng	#	43
69)	C302	n-Propylbenzene	8.30	91	572337	115.77	ng		91
70)	C303	2-Chlorotoluene	8.39	126	100862	115.79	ng		100
71)	C289	4-Chlorotoluene	8.48	126	103416	114.89	ng		100
72)	C304	1,3,5-Trimethylbenze	8.44	105	374200	116.13	ng		93
73)	C306	tert-Butylbenzene	8.70	134	74057	113.27	ng	#	75
74)	C307	1,2,4-Trimethylbenze	8.75	105	368722	117.18	ng		95
75)	C308	sec-Butylbenzene	8.88	105	409583	112.97	ng		96
76)	C260	1,3-Dichlorobenzene	9.00	146	188945	111.67	ng		95
77)	C309	4-Isopropyltoluene	8.99	119	375636	116.04	ng		94
78)	C267	1,4-Dichlorobenzene	9.08	146	191722	110.99	ng		96
79)	C249	1,2-Dichlorobenzene	9.39	146	174600	115.99	ng		93
80)	C310	n-Butylbenzene	9.34	91	337176	118.06	ng		92
81)	C286	1,2-Dibromo-3-Chloro	10.05	75	10065	106.19	ng	#	76
82)	C313	1,2,4-Trichlorobenze	10.71	180	92696	112.79	ng		98
83)	C316	Hexachlorobutadiene	10.81	225	49652	103.49	ng		99
84)	C314	Naphthalene	10.92	128	144470	93.18	ng		95
85)	C934	1,2,3-Trichlorobenze	11.11	180	74149	107.54	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

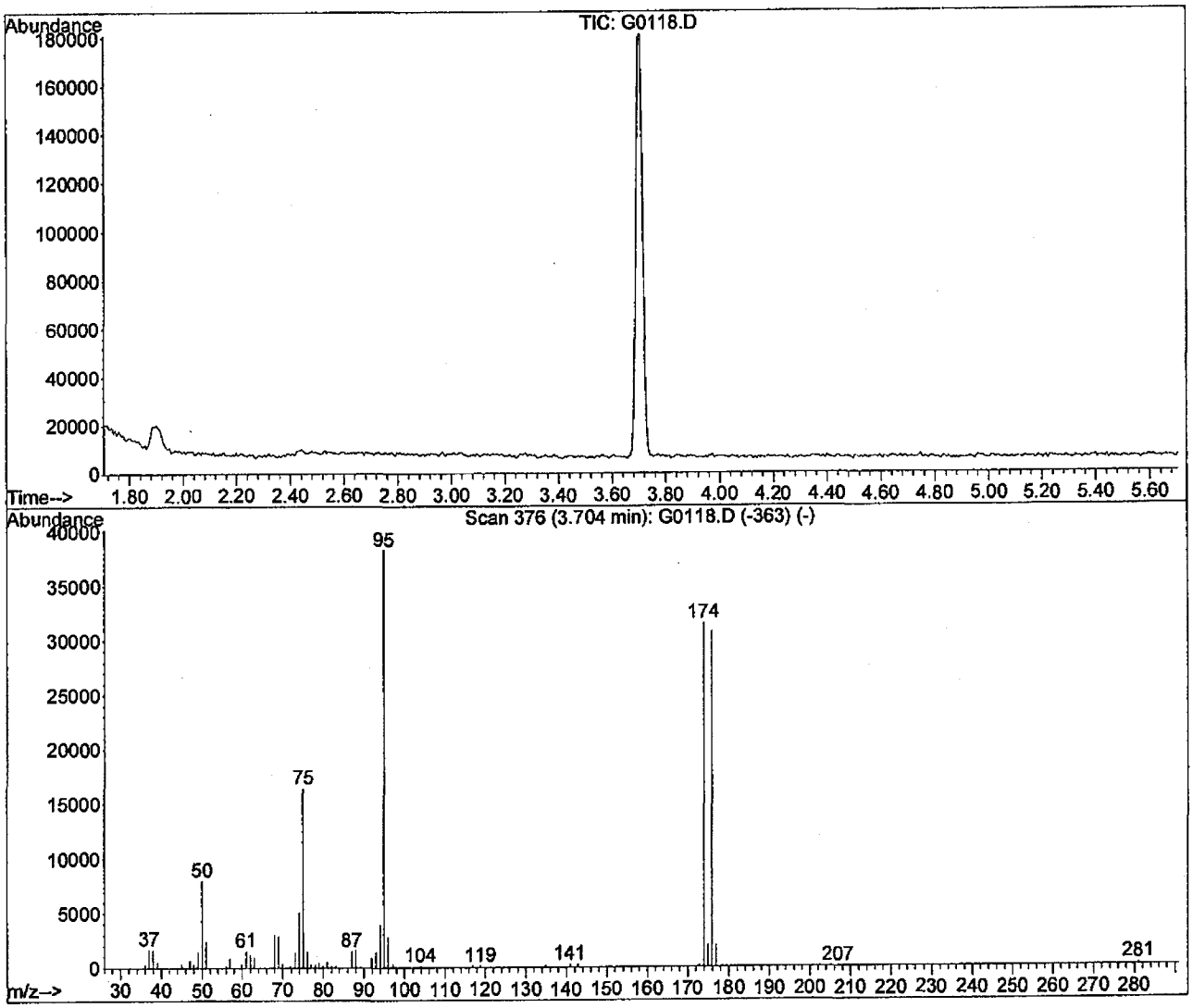
Raw QC Data

BFB

Data File : D:\MSDChem\G\Data\100808\G0118.D
Acq On : 8 Oct 2008 16:56
Sample : 1008BFBG1
Misc :
MS Integration Params: NA

Vial: 1
Operator: ND
Inst : HP5973G
Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 15:50:58 2008
Response via : Initial Calibration



Spectrum Information: Scan 376

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.9	7991	PASS
75	95	30	60	42.8	16392	PASS
95	95	100	100	100.0	38309	PASS
96	95	5	9	7.4	2822	PASS
173	174	0.00	2	0.6	191	PASS
174	95	50	100	82.2	31488	PASS
175	174	5	9	6.4	2020	PASS
176	174	95	101	97.7	30768	PASS
177	176	5	9	6.4	1975	PASS

Scan 376 (3.704 min): G0118.D (-363)
1008BFBG1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	353	49.00	1479	68.00	2998	80.00	162
37.00	1684	50.00	7991	69.00	2964	80.90	526
38.00	1661	51.00	2463	70.00	424	82.00	197
39.00	590	55.00	32	71.80	198	83.00	186
40.00	95	56.00	192	73.00	1403	87.00	1511
41.00	41	57.00	882	74.00	5072	88.00	1566
43.00	58	59.90	356	75.00	16392	90.95	30
44.05	99	61.00	1539	76.00	1459	91.90	890
45.00	393	62.00	1252	76.90	291	93.00	1424
47.00	733	62.90	967	78.00	279	94.00	3940
47.90	365	66.95	89	78.90	411	95.00	38309

Scan 376 (3.704 min): G0118.D (-363)
1008BFBG1
Modified:subtracted

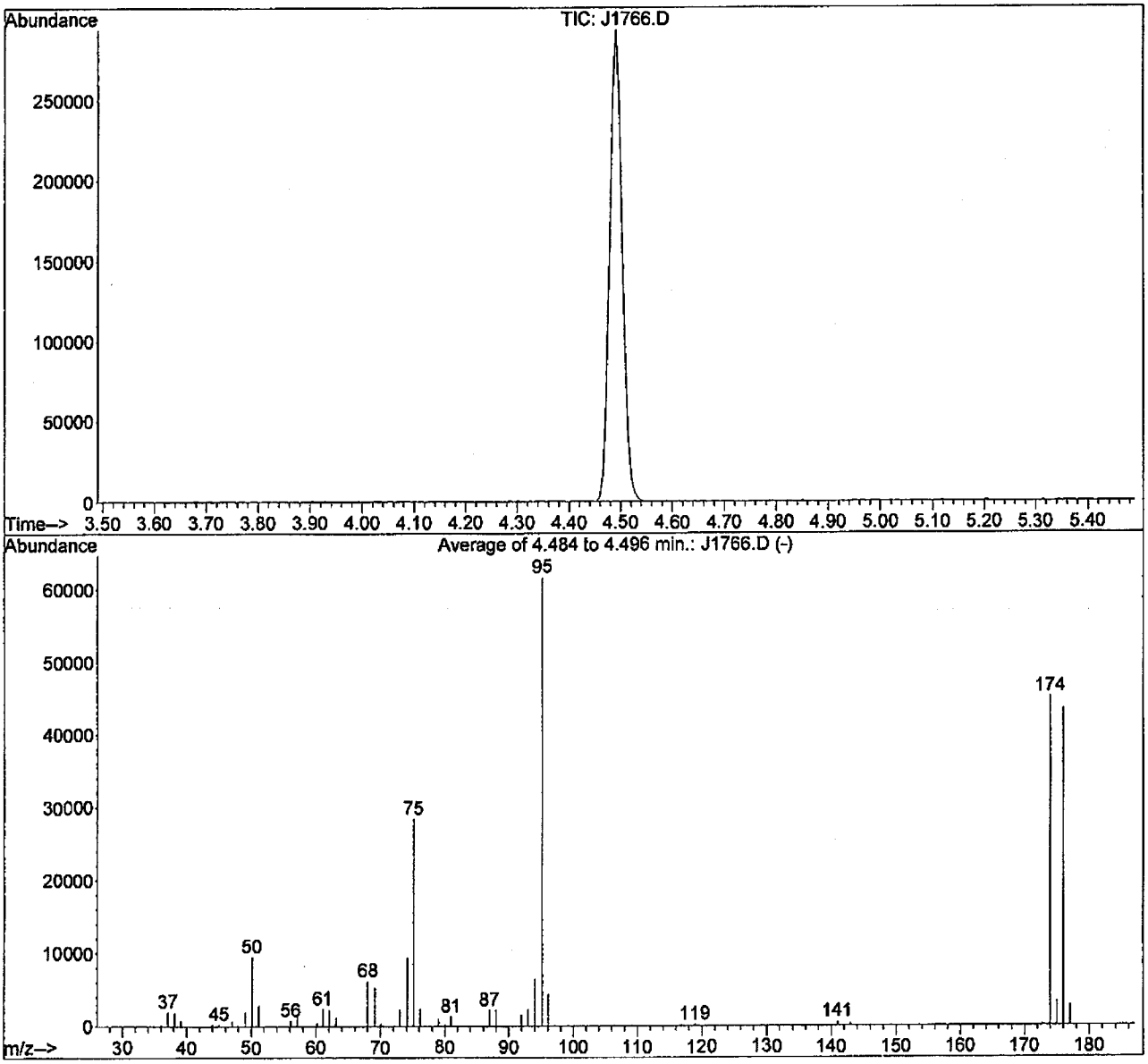
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	2822	175.90	30768				
97.10	282	176.90	1975				
103.90	157	207.00	17				
116.90	154	281.00	194				
118.80	155						
134.90	155						
140.90	275						
142.80	256						
172.80	191						
174.00	31488						
174.90	2020						

BFB Tune Evaluation

Data File : C:\MSDChem\1\DATA\100308\J1766.D
Acq On : 3 Oct 2008 13:43
Sample : 1003BFBJ1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 412 (4.49 min)
Average of 3 scans: 411,412,413 minus background scan 392 (4.37 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	9509	PASS
75	95	30	60	46.3	28485	PASS
95	95	100	100	100.0	61565	PASS
96	95	5	9	7.0	4332	PASS
173	174	0	2	0.5	242	PASS
174	95	50	100	73.3	45157	PASS
175	174	5	9	7.6	3411	PASS
176	174	95	101	96.5	43568	PASS
177	176	5	9	6.4	2769	PASS

J1766.D A8I0000734.M Fri Oct 03 15:56:37 2008

Average of 4.484 to 4.496 min.: J1766.D
1003BFBJ1
Modified: subtracted

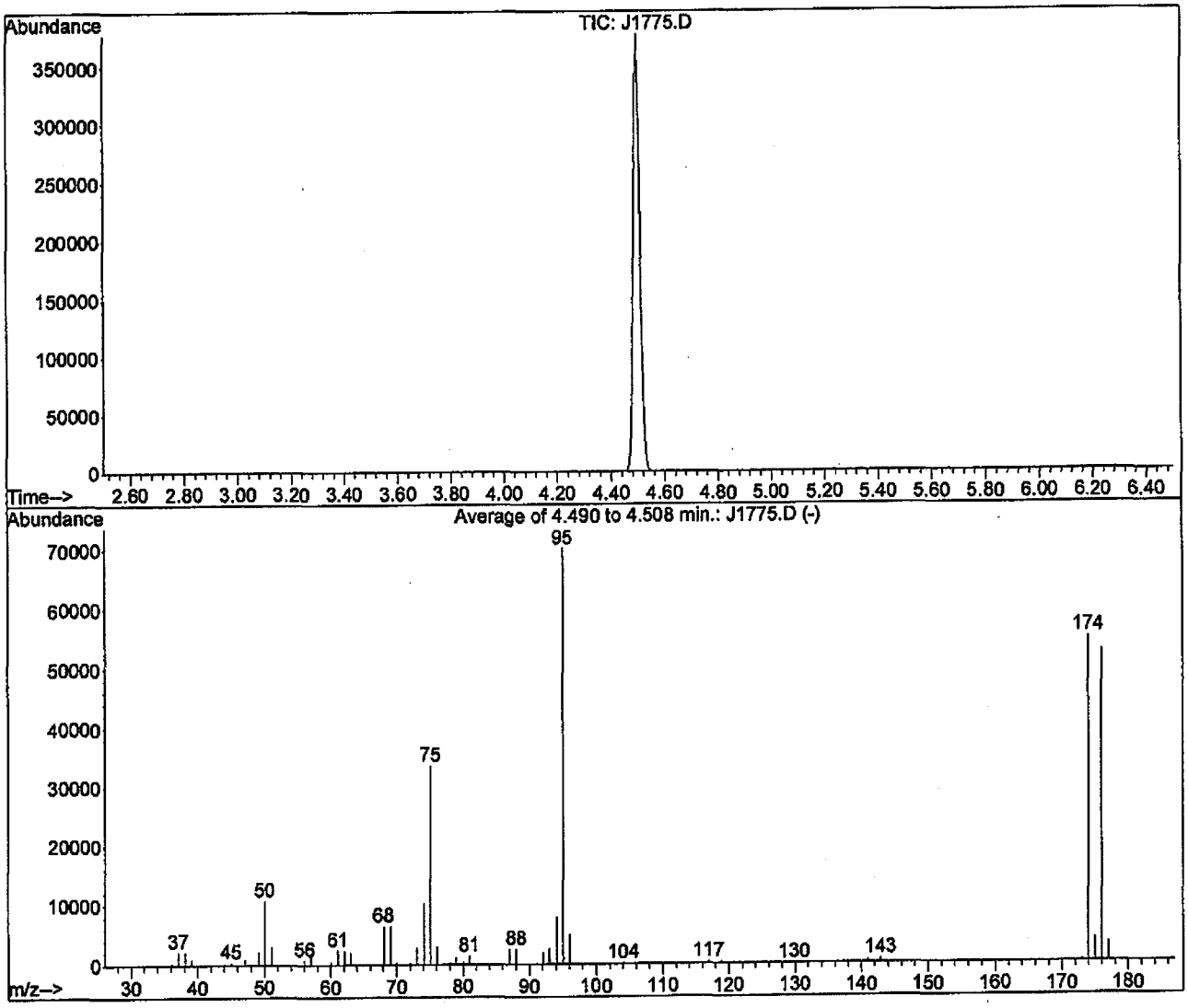
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	1985	62.05	2231	80.95	1360	175.00	3411
38.10	1912	63.00	658	87.00	2290	176.00	43568
39.10	778	63.15	1163	88.00	2229	177.00	2769
47.10	681	68.05	6201	92.00	1571		
49.10	1990	69.10	5325	93.00	2312		
50.10	9509	70.05	344	94.05	6444		
51.15	2848	73.00	2330	95.10	61565		
56.10	771	74.10	9368	96.10	4332		
57.15	1316	75.10	28485	140.95	547		
60.15	470	76.10	2399	143.00	403		
61.05	2386	79.00	1071	174.00	45157		

BFB

Data File : C:\MSDCHEM\1\DATA\100308\J1775.D
Acq On : 3 Oct 2008 17:24
Sample : 1003BFBJ2
Misc :
MS Integration Params: NA

Vial: 10
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 17:01:35 2008
Response via : Initial Calibration



Spectrum Information: Average of 4.490 to 4.508 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	10819	PASS
75	95	30	60	47.8	33594	PASS
95	95	100	100	100.0	70218	PASS
96	95	5	9	7.1	5007	PASS
173	174	0.00	2	0.8	418	PASS
174	95	50	100	78.1	54840	PASS
175	174	5	9	7.3	3981	PASS
176	174	95	101	95.8	52532	PASS
177	176	5	9	6.2	3234	PASS

Average of 4.490 to 4.508 min.: J1775.D
1003BFBJ2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	335	56.05	816	74.10	10364	88.05	2589
37.10	2245	57.00	1527	75.10	33594	91.10	75
38.10	2166	60.05	488	76.05	3048	92.05	1955
39.10	919	61.10	2483	76.80	95	93.05	2697
44.05	272	62.10	2396	77.15	295	94.10	7986
45.05	458	63.05	2033	78.00	284	95.10	70218
47.05	931	68.05	6505	78.95	1110	96.05	5007
48.00	178	69.10	6489	80.05	449	104.10	198
49.10	2187	70.05	415	80.95	1431	105.90	77
50.10	10819	72.05	305	81.90	81	116.95	345
51.10	3199	73.05	2862	86.95	2574	118.90	316

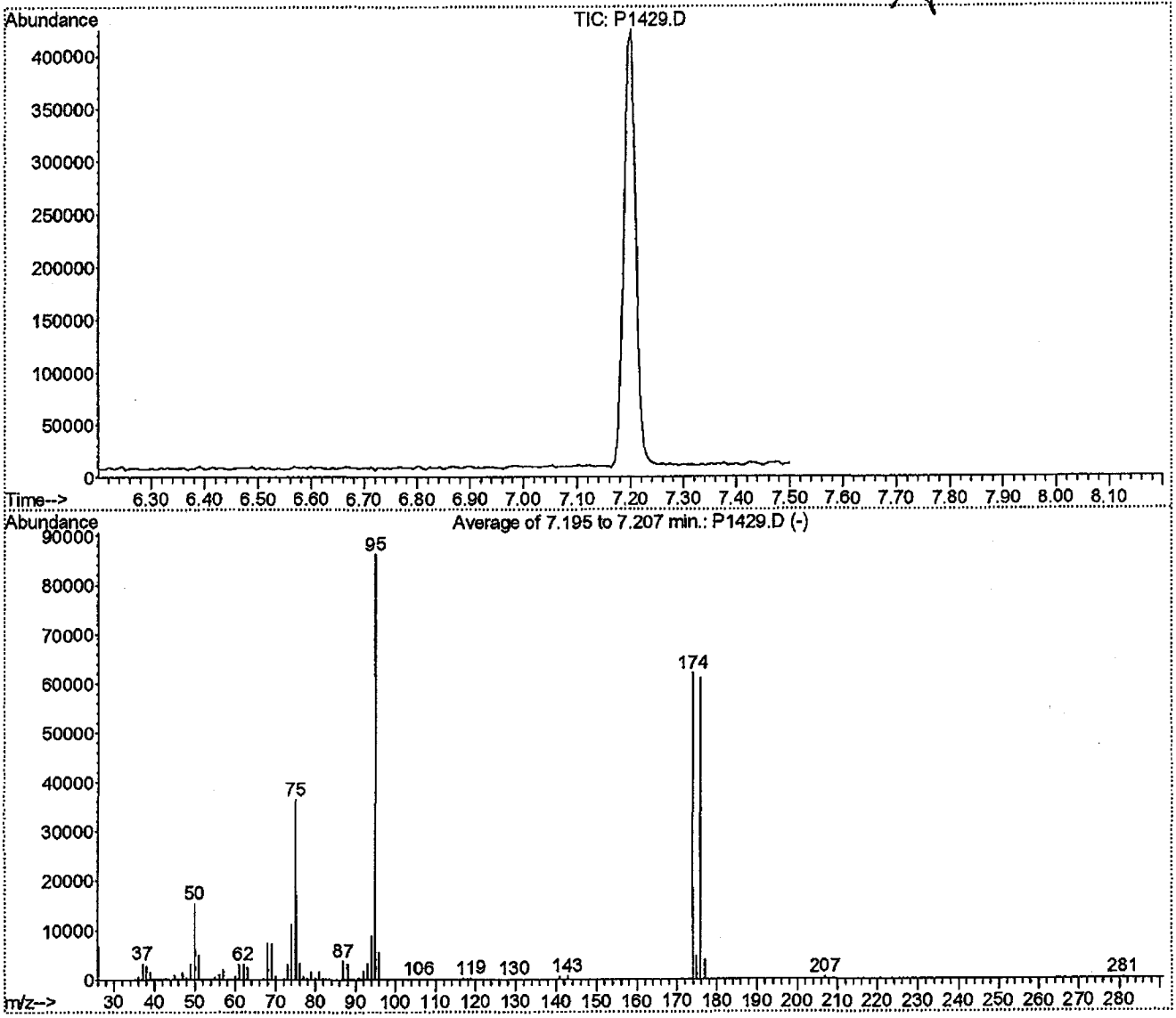
Average of 4.490 to 4.508 min.: J1775.D
1003BFBJ2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.90	94						
141.00	592						
142.90	677						
173.00	418						
174.00	54840						
175.00	3981						
176.00	52532						
177.00	3234						

BFB Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\092608\P1429.D Vial: 1
Acq On : 26 Sep 2008 12:34 Operator: LH
Sample : 0926BFBP1 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML

87T-2841



Peak Apex is scan: 620 (7.20 min)
Average of 3 scans: 619,620,621 minus background scan 600 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	17.8	15336	PASS
75	95	30	60	42.2	36445	PASS
95	95	100	100	100.0	86272	PASS
96	95	5	9	6.4	5500	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	72.0	62154	PASS
175	174	5	9	7.5	4680	PASS
176	174	95	101	98.2	61032	PASS
177	176	5	9	6.5	3997	PASS

P1429.D A8I0000718.M Fri Sep 26 16:58:39 2008 HP5973P

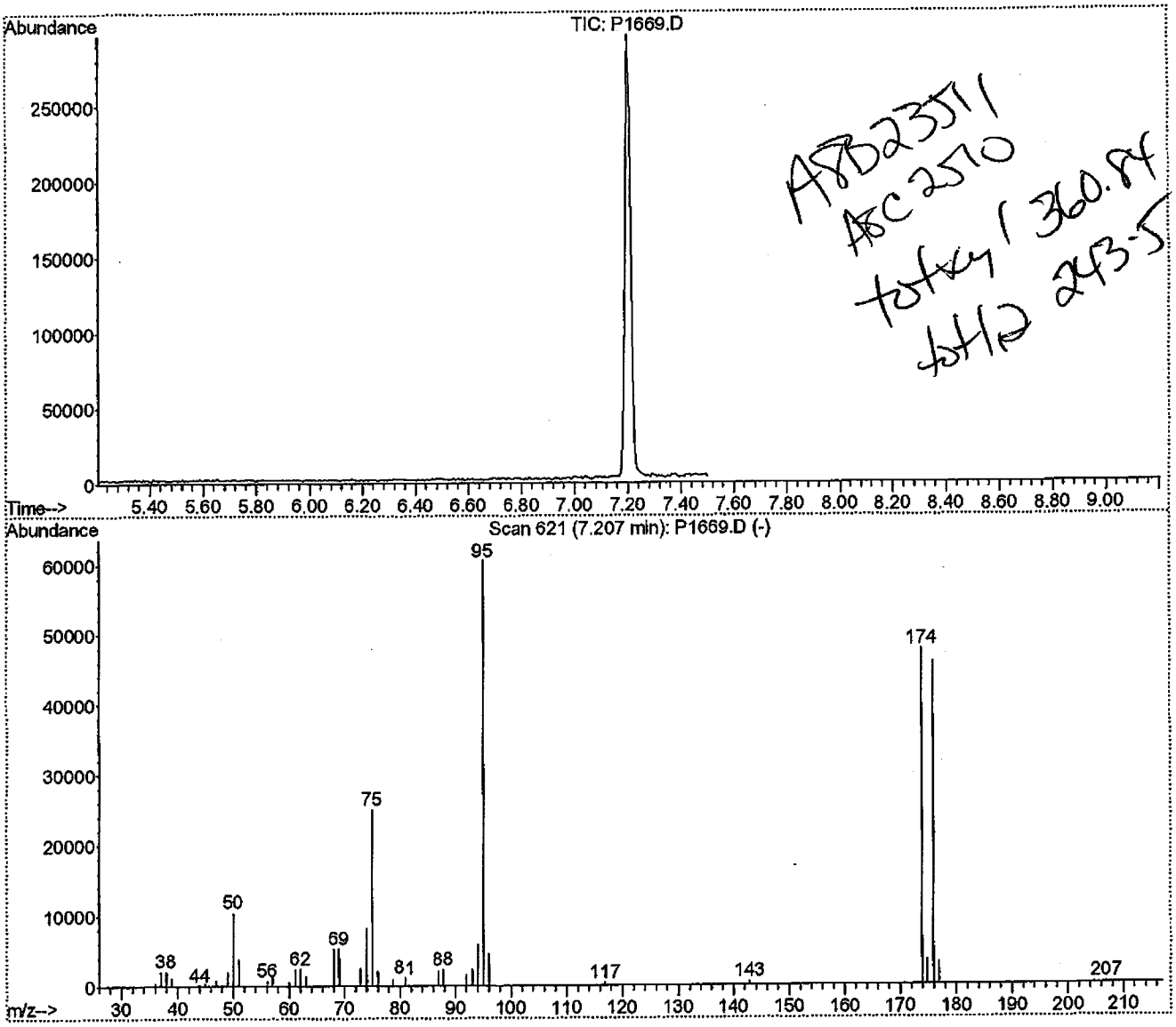
Average of 7.195 to 7.207 min.: P1429.D
0926BFBP1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	549	56.00	1070	75.00	36445	95.00	86272
37.05	3212	57.00	2094	76.00	3326	96.00	5500
38.00	2741	60.05	658	76.95	612	140.90	516
39.00	1321	61.00	3066	78.90	1498	142.90	666
45.00	951	62.00	3075	80.90	1487	173.95	62154
47.00	1395	63.00	2506	86.95	3792	174.95	4680
47.95	502	68.00	7424	87.95	3152	175.90	61032
49.00	3069	69.00	7276	90.85	481	176.95	3997
50.00	15336	69.95	669	91.95	1830	207.00	438
51.00	4924	73.00	3070	93.00	3258		
55.00	484	74.00	11180	94.00	8907		

BFB

Data File : H:\GCMS_VOA\P\100208\P1669.D
Acq On : 2 Oct 2008 22:14
Sample : 1002BFBP2
Misc :
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML

Vial: 27
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00



A8D2351
A8C2510
toluene 360.84
bthz 243.5

Spectrum Information: Scan 621

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.3	10443	PASS
75	95	30	60	41.4	25040	PASS
95	95	100	100	100.0	60512	PASS
96	95	5	9	7.4	4485	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.9	47736	PASS
175	174	5	9	7.4	3512	PASS
176	174	95	101	96.3	45952	PASS
177	176	5	9	6.8	3138	PASS

P1669.D A8I0000718.M Thu Oct 02 22:23:10 2008 HP5973P

Scan 621 (7.207 min): P1669.D
1002BFBP2
Modified:subtracted

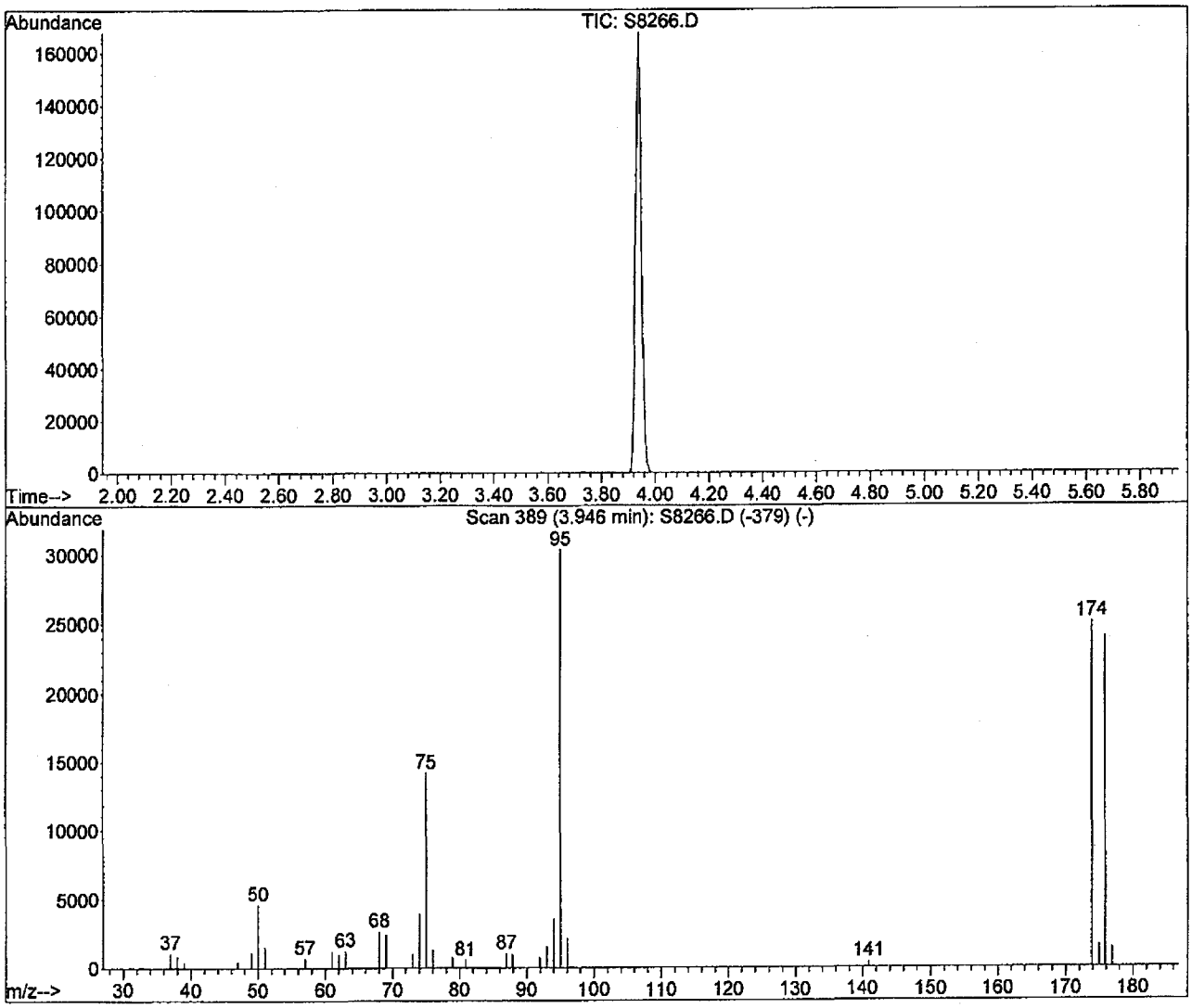
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	404	57.00	1583	78.80	841	173.90	47736
37.00	2025	60.00	571	80.90	1095	174.90	3512
38.00	2078	61.00	2376	86.90	2069	175.90	45952
39.00	1105	62.00	2419	87.80	2284	176.90	3138
44.00	50	63.00	1377	92.00	1552	207.00	209
45.00	412	68.00	5250	93.00	2381		
47.00	793	69.00	5308	94.00	5851		
49.00	1995	72.90	2448	95.00	60512		
50.00	10443	74.00	8177	96.00	4485		
51.00	3819	75.00	25040	116.90	373		
56.10	717	76.00	2082	142.90	503		

BFB

Data File : D:\MSDCHEM\S\DATA\092508\S8266.D
Acq On : 25 Sep 2008 19:55
Sample : 0925BFBS1
Misc :
MS Integration Params: NA

Vial: 1
Operator: ND
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Sep 26 09:10:52 2008
Response via : Initial Calibration



Spectrum Information: Scan 389

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.1	4600	PASS
75	95	30	60	46.7	14219	PASS
95	95	100	100	100.0	30424	PASS
96	95	5	9	7.0	2133	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.4	25072	PASS
175	174	5	9	6.3	1578	PASS
176	174	95	101	95.7	24000	PASS
177	176	5	9	5.8	1388	PASS

Scan 389 (3.946 min): S8266.D (-379)
0925BFBS1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	1076	68.00	2624	93.00	1524		
38.00	862	69.00	2459	94.00	3562		
39.00	412	73.00	985	95.00	30424		
47.00	459	74.00	3931	96.00	2133		
49.00	1127	75.00	14219	140.90	408		
50.00	4600	76.00	1330	173.90	25072		
51.00	1494	78.90	788	175.00	1578		
57.00	704	80.90	584	175.90	24000		
61.00	1183	87.00	1051	176.90	1388		
62.00	999	87.90	948				
63.00	1247	91.90	800				

BFB

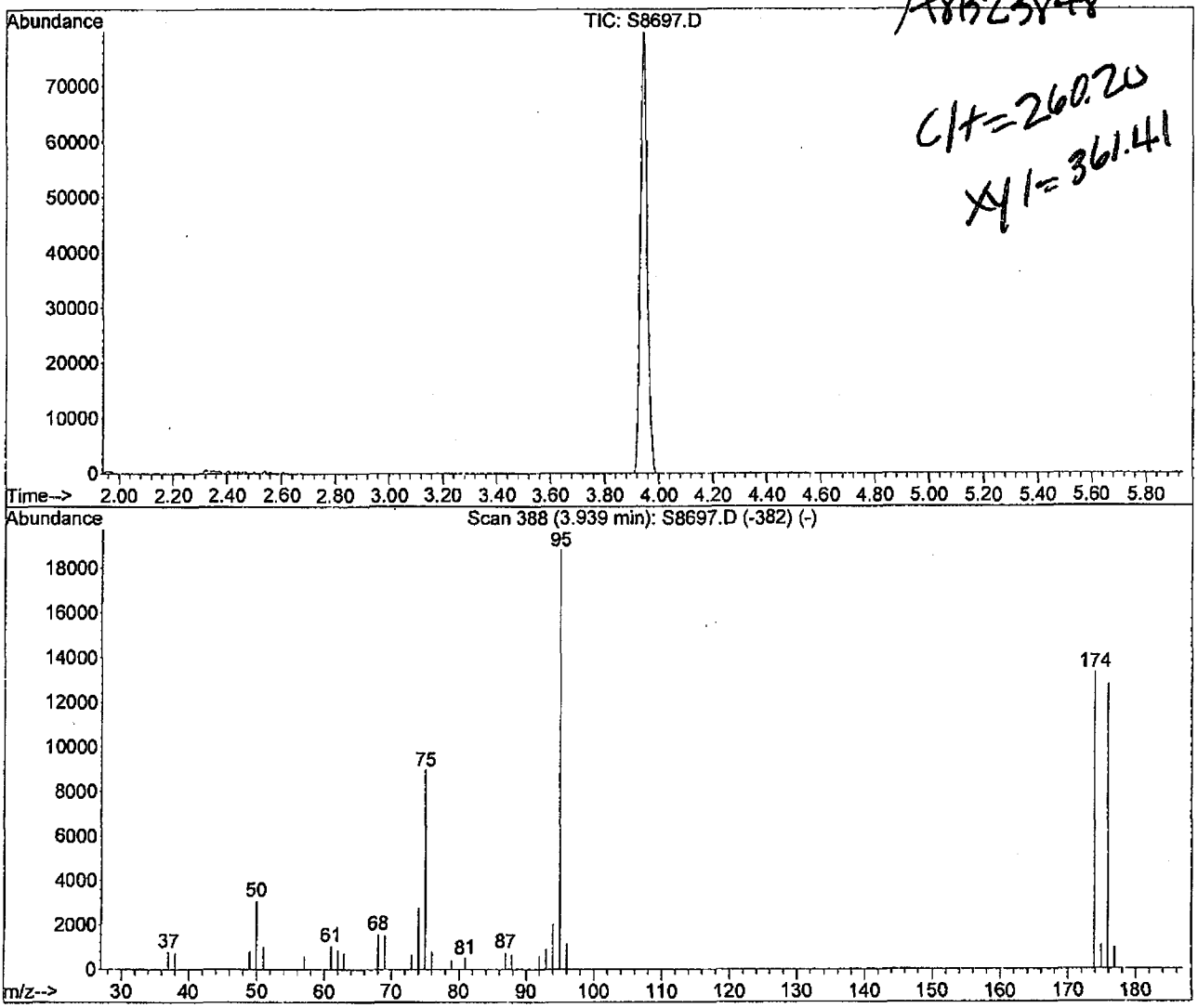
Data File : D:\MSDChem\S\Data\100808\S8697.D
Acq On : 8 Oct 2008 8:15
Sample : 1008BFBS1
Misc :
MS Integration Params: NA

Vial: 1
Operator: DHC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 08:09:42 2008
Response via : Initial Calibration

A8B23848

C/t=260.20
Y/l=361.41



Spectrum Information: Scan 388

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.4	3075	PASS
75	95	30	60	47.6	8941	PASS
95	95	100	100	100.0	18800	PASS
96	95	5	9	6.0	1136	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.7	13289	PASS
175	174	5	9	8.1	1072	PASS
176	174	95	101	95.9	12747	PASS
177	176	5	9	7.5	959	PASS

Scan 388 (3.939 min): S8697.D (-382)
1008BFBS1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	797	73.00	631	95.00	18800		
38.00	749	74.00	2756	96.00	1136		
49.00	811	75.00	8941	173.90	13289		
49.90	3075	76.00	798	174.90	1072		
51.00	1019	78.90	421	175.90	12747		
57.00	573	80.90	509	176.90	959		
61.00	1047	86.90	761				
62.00	865	87.90	681				
62.90	703	92.00	583				
68.00	1575	93.00	888				
69.00	1520	94.00	2008				

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2390502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0131.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS **618/3787**
ANALYSIS DATA SHEET

Client No.

VBLK66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2390502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0131.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

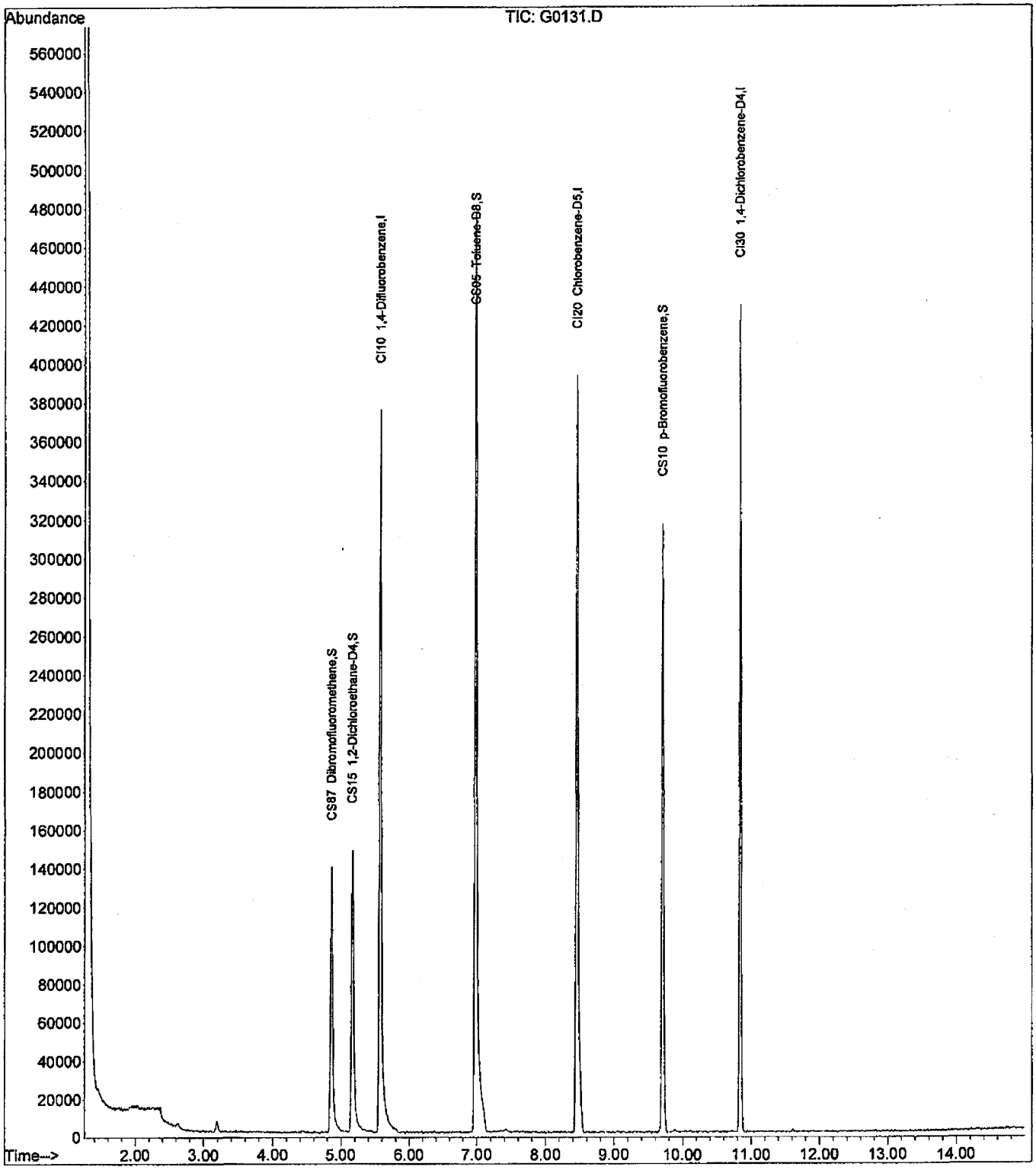
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\100808\G0131.D Vial: 14
Acq On : 8 Oct 2008 22:11 Operator: ND
Sample : VBLK66 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 22:27:05 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 22:26:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\100808\G0131.D Vial: 14
Acq On : 8 Oct 2008 22:11 Operator: ND
Sample : VBLK66 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 22:27:05 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 22:26:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Clean MJS 10/8/08 NOTIC NO ADD

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	403702	125.00	ng	0.00 104.94%
43) CI20	Chlorobenzene-D5	8.46	82	155198	125.00	ng	0.00 102.27%
63) CI30	1,4-Dichlorobenzene-	10.84	152	127325	125.00	ng	0.00 86.67%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.86	111	110663	126.12	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	100.90%	
31) CS15	1,2-Dichloroethane-D	5.17	65	122664	125.78	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	100.62%	
44) CS05	Toluene-D8	6.98	98	425105	130.18	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	104.14%	
62) CS10	p-Bromofluorobenzene	9.71	174	108533	125.70	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	100.56%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.45	50	421	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	1.87	94	138	Below Cal	83
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	2.69	96	61	N.D.	
9) C030	Methylene chloride	3.19	84	4279	Below Cal #	79
10) C040	Carbon disulfide	2.90	76	459	N.D.	
11) C036	Acrolein	2.63	56	2260	N.D.	
12) C038	Acrylonitrile	3.45	53	57	N.D.	
13) C035	Acetone	2.78	43	214	N.D.	
14) C300	Acetonitrile	3.10	41	226	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	3.12	43	461	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	3.91	43	166	N.D.	
22) C051	2,2-Dichloropropan	4.31	77	55	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	4.68	42	60	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	4.70	83	175	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	4.43	43	189	N.D.	
35) C256	Cyclohexane	4.90	56	63	N.D.	
36) C150	Trichloroethene	5.70	95	171	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

@ 10.14.08

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\G\Data\100808\G0131.D Vial: 14
Acq On : 8 Oct 2008 22:11 Operator: ND
Sample : VBLK66 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 22:27:05 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 22:26:54 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylviny1	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	7.05	92	178	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	7.36	69	494	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.87	43	152	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	7.73	43	443	N.D.	
55) C235	Chlorobenzene	0.00	112	0	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	8.59	91	59	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	9.71	105	57	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	9.94	91	236	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	10.66	105	65	N.D.	
75) C308	sec-Butylbenzene	10.66	105	65	N.D.	
76) C260	1,3-Dichlorobenzen	10.86	146	55	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	10.86	146	55	N.D.	
79) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
80) C310	n-Butylbenzene	11.18	91	80	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
83) C316	Hexachlorobutadien	0.00	225	0	N.D.	
84) C314	Naphthalene	12.82	128	442	N.D.	
85) C934	1,2,3-Trichloroben	13.02	180	64	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2363802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1780.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2363802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1780.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

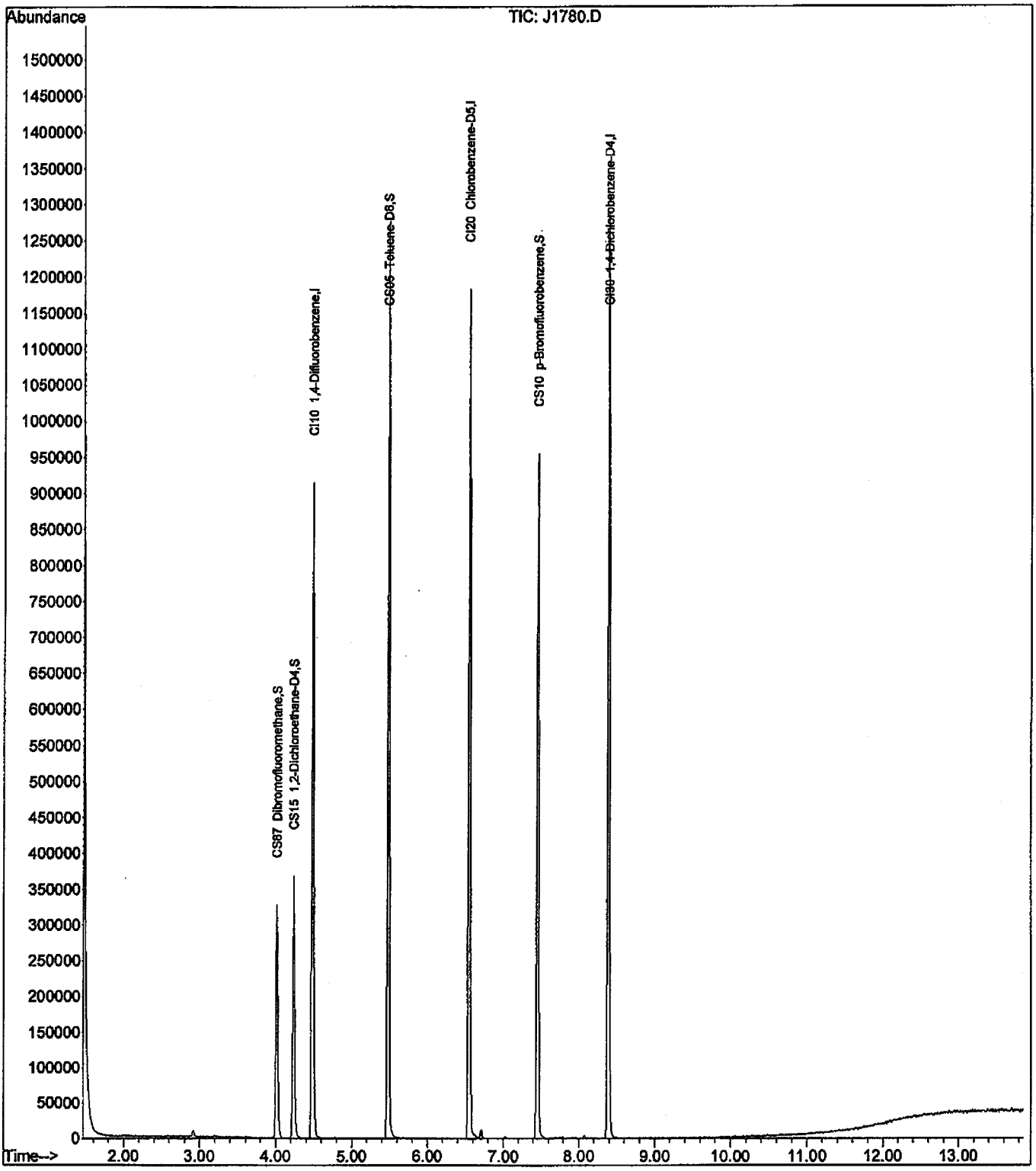
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1780.D Vial: 15
Acq On : 3 Oct 2008 19:48 Operator: LH/MF
Sample : VBLK71 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 20:07:20 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1780.D Vial: 15
Acq On : 3 Oct 2008 19:48 Operator: LH/MF
Sample : VBLK71 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 20:07:20 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

STE 10/3/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.49	114	697501	125.00	ng	0.00 93.47%
43) CI20	Chlorobenzene-D5	6.55	117	643291	125.00	ng	0.00 93.96%
62) CI30	1,4-Dichlorobenzene-	8.39	152	346416	125.00	ng	0.00 91.27%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	4.02	111	184242	132.11	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	105.69%	
31) CS15	1,2-Dichloroethane-D	4.24	65	244426	128.45	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	102.76%	
44) CS05	Toluene-D8	5.48	98	807934	135.49	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	108.39%	
61) CS10	p-Bromofluorobenzene	7.46	174	257800	131.41	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	105.13%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	1.64	50	187	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	2.91	84	4040	Below Cal	# 78
10) C040	Carbon disulfide	2.77	76	678	N.D.	
11) C036	Acrolein	0.00	56	0	N.D. d	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.63	43	602	N.D.	
14) C300	Acetonitrile	2.83	41	112	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	2.83	43	83	Below Cal	# 48
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	3.89	42	98	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	3.91	83	352	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	4.25	78	4447	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	3.72	43	101	N.D.	
35) C256	Cyclohexane	4.06	56	181	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

10.14.08

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1780.D Vial: 15
Acq On : 3 Oct 2008 19:48 Operator: LH/MF
Sample : VBLK71 Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 20:07:20 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethа	3.91	83	352	N.D.		
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		
41) C012	Methylcycolhexane	4.78	83	402	N.D.		
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
45) C230	Toluene	5.53	92	1914	N.D.		
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
49) C210	4-Methyl-2-pentano	5.48	43	2670	N.D.		
50) C220	Tetrachloroethene	0.00	166	0	N.D.		
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
52) C155	Dibromochloromethа	0.00	129	0	N.D.		
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215	2-Hexanone	0.00	43	0	N.D.		
55) C235	Chlorobenzene	0.00	112	0	N.D.		
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
57) C240	Ethylbenzene	6.63	91	2620	N.D.		
58) C246	m,p-Xylene	6.72	106	3639	N.D.		
59) C247	o-Xylene	7.03	106	954	N.D.		
60) C245	Styrene	7.05	104	87	N.D.		
63) C180	Bromoform	0.00	173	0	N.D.		
64) C966	Isopropylbenzene	7.30	105	218	N.D.		
65) C301	Bromobenzene	0.00	156	0	N.D.		
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
67) C282	1,2,3-Trichloropro	7.45	110	83	N.D.		
68) C283	t-1,4-Dichloro-2-B	0.00	53	0	N.D.		
69) C302	n-Propylbenzene	7.63	91	767	N.D.		
70) C303	2-Chlorotoluene	0.00	126	0	N.D.		
71) C289	4-Chlorotoluene	0.00	126	0	N.D.		
72) C304	1,3,5-Trimethylben	7.76	105	1338	N.D.		
73) C306	tert-Butylbenzene	0.00	134	0	N.D.		
74) C307	1,2,4-Trimethylben	8.08	105	2307	N.D.		
75) C308	sec-Butylbenzene	8.20	105	409	N.D.		
76) C260	1,3-Dichlorobenzen	8.34	146	79	N.D.		
77) C309	4-Isopropyltoluene	8.30	119	321	N.D.		
78) C267	1,4-Dichlorobenzen	8.41	146	888	N.D.		
79) C249	1,2-Dichlorobenzen	8.73	146	99	N.D.		
80) C310	n-Butylbenzene	8.65	91	626	N.D.		
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
82) C313	1,2,4-Trichloroben	10.06	180	606	N.D.		
83) C316	Hexachlorobutadien	10.16	225	359	N.D.		
84) C314	Naphthalene	10.28	128	1432	N.D.		
85) C934	1,2,3-Trichloroben	10.48	180	941	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Tentatively Identified Compound (LSC) summary

Data File : C:\MSDCHEM\1\DATA\100308\J1780.D Vial: 155
Acq On : 3 Oct 2008 19:48 Operator: LH/MFF
Sample : VBLK71 Inst : HP5973JJ
Misc : Multiplr: 1.000
MS Integration Params: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Library : C:\DATABASE\NIST02.L

No Library Search Compounds Detected
****

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2351102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1674.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2351102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1674.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

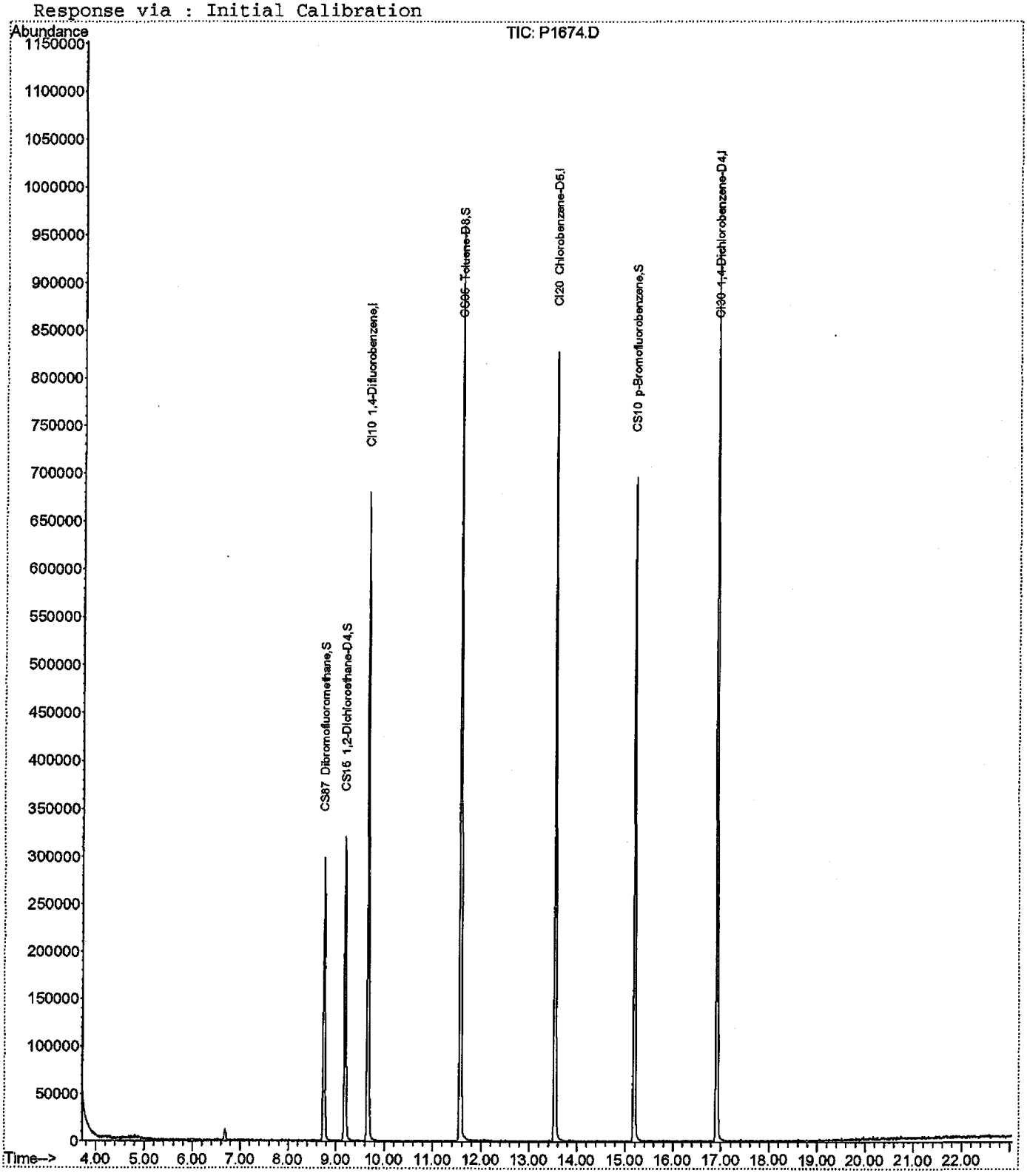
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1674.D Vial: 5
Acq On : 3 Oct 2008 00:54 Operator: CDC
Sample : VBLK04 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 1:16 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1674.D
Acq On : 3 Oct 2008 00:54
Sample : VBLK04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 01:18:40 2008

Vial: 5
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

NO QAQC Notes 10/3/08 CM

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	640210	125.00 ng	0.00 101.63%
43) CI20	Chlorobenzene-D5	13.54	117	586920	125.00 ng	0.00 98.33%
62) CI30	1,4-Dichlorobenzene-	16.91	152	315152	125.00 ng	0.00 93.49%
System Monitoring Compounds						
30) CS87	Dibromofluoromethane	8.74	111	226192	145.20 ng	0.00
Spiked Amount	125.000	Range 70 - 130		Recovery = 116.16%		
31) CS15	1,2-Dichloroethane-D	9.18	65	302556	156.30 ng	0.00
Spiked Amount	125.000	Range 66 - 137		Recovery = 125.04%		
44) CS05	Toluene-D8	11.57	98	769429	134.16 ng	0.00
Spiked Amount	125.000	Range 71 - 126		Recovery = 107.33%		
61) CS10	p-Bromofluorobenzene	15.19	174	244314	132.56 ng	0.00
Spiked Amount	125.000	Range 73 - 120		Recovery = 106.05%		
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluorometha	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	6.68	84	7337	Below Cal	92
10) C040	Carbon disulfide	6.47	76	769	N.D.	
11) C036	Acrolein	5.99	56	3260	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	6.12	43	579	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Ether	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloroet	0.00	96	0	N.D.	
19) C255	Methyl Acetate	6.52	43	1573	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	8.55	83	677	N.D.	
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
28) C120	Carbon tetrachloride	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.	
32) C165	Benzene	9.28	78	124	N.D.	

(#) = qualifier out of range (m) = manual integration

10/14/08

Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1674.D Vial: 5
Acq On : 3 Oct 2008 00:54 Operator: CDC
Sample : VBLK04 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 01:18:40 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
33)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34)	C110	2-Butanone	0.00	43	0	N.D.	
35)	C256	Cyclohexane	0.00	56	0	N.D.	
36)	C150	Trichloroethene	0.00	95	0	N.D.	
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
38)	C278	Dibromomethane	0.00	93	0	N.D.	
39)	C130	Bromodichloromethane	0.00	83	0	N.D.	
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.	
41)	C012	Methylcycolhexane	0.00	83	0	N.D.	
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
45)	C230	Toluene	11.66	92	666	N.D.	
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
47)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.	
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.	
50)	C220	Tetrachloroethene	12.42	166	115	N.D.	
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.	
52)	C155	Dibromochloromethane	0.00	129	0	N.D.	
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54)	C215	2-Hexanone	0.00	43	0	N.D.	
55)	C235	Chlorobenzene	0.00	112	0	N.D.	
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.	
57)	C240	Ethylbenzene	13.70	91	706	N.D.	
58)	C246	m,p-Xylene	13.85	106	138	N.D.	
59)	C247	o-Xylene	0.00	106	0	N.D.	
60)	C245	Styrene	0.00	104	0	N.D.	
63)	C180	Bromoform	0.00	173	0	N.D.	
64)	C966	Isopropylbenzene	14.94	105	293	N.D.	
65)	C301	Bromobenzene	0.00	156	0	N.D.	
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.	
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.	
69)	C302	n-Propylbenzene	15.54	91	1369	N.D.	
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
72)	C304	1,3,5-Trimethylbenze	15.76	105	151	N.D.	
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
74)	C307	1,2,4-Trimethylbenze	16.35	105	407	N.D.	
75)	C308	sec-Butylbenzene	16.60	105	1084	N.D.	
76)	C260	1,3-Dichlorobenzene	16.83	146	263	N.D.	
77)	C309	4-Isopropyltoluene	16.79	119	943	N.D.	
78)	C267	1,4-Dichlorobenzene	16.95	146	381	N.D.	
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
80)	C310	n-Butylbenzene	17.42	91	1139	N.D.	
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
82)	C313	1,2,4-Trichlorobenze	19.96	180	800	N.D.	
83)	C316	Hexachlorobutadiene	20.17	225	811	N.D.	
84)	C314	Naphthalene	20.36	128	1363	N.D.	
85)	C934	1,2,3-Trichlorobenze	20.74	180	639	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2384802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8702.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	5.0	U
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	5.0	U
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	5.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	5.0	U
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

VBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2384802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8702.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

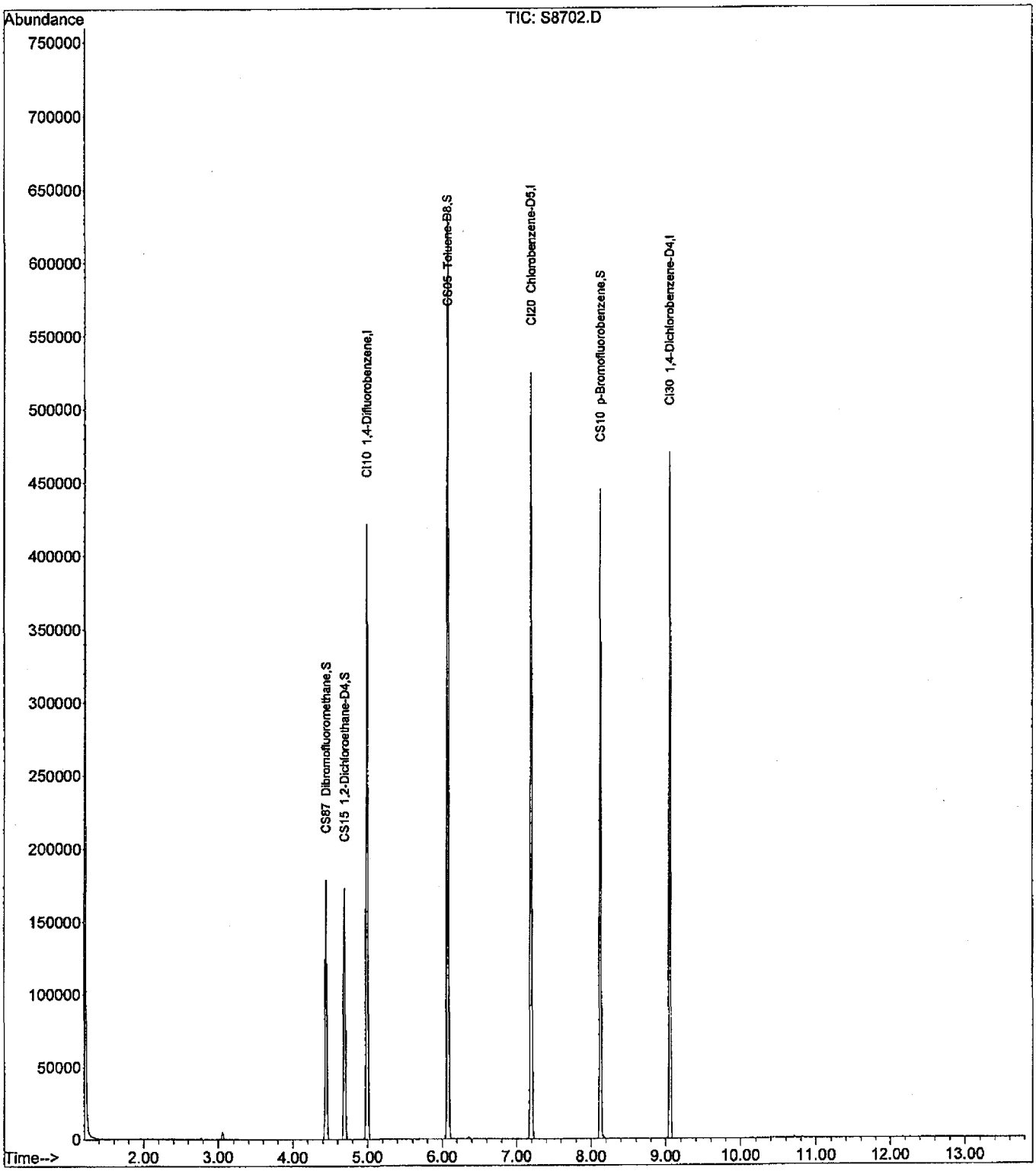
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	15	U

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8702.D Vial: 6
Acq On : 8 Oct 2008 10:21 Operator: DHC
Sample : VBLK69 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 11:05:57 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 11:05:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8702.D Vial: 6
Acq On : 8 Oct 2008 10:21 Operator: DHC
Sample : VBLK69 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 11:05:57 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator) Clean
Title : 8260 5ML WATER NO TIC DHC
Last Update : Wed Oct 08 11:05:31 2008 NO ADD 10/8/08
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.99	114	245231	125.00	ng	0.00 87.34%
43) CI20	Chlorobenzene-D5	7.19	82	133453	125.00	ng	0.00 87.04%
63) CI30	1,4-Dichlorobenzene-	9.06	152	98373	125.00	ng	0.00 76.40%

System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	83643	137.77	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	110.22%	
31) CS15	1,2-Dichloroethane-D	4.69	65	101782	137.13	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	109.70%	
44) CS05	Toluene-D8	6.07	98	332544	120.72	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	96.58%	
62) CS10	p-Bromofluorobenzene	8.12	174	93260	123.46	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	98.77%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	0.00	62	0	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	0.00	64	0	N.D.	
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.06	84	1986	Below Cal	82
10) C040	Carbon disulfide	2.77	76	1172	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	0.00	43	0	N.D.	
14) C300	Acetonitrile	0.00	41	0	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	0.00	43	0	N.D.	
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24) C272	Tetrahydrofuran	0.00	42	0	N.D.	
25) C222	Bromochloromethane	0.00	128	0	N.D.	
27) C060	Chloroform	0.00	83	0	N.D.	
28) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
29) C120	Carbon tetrachlori	0.00	117	0	N.D.	
30) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
32) C165	Benzene	0.00	78	0	N.D.	
33) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
34) C110	2-Butanone	0.00	43	0	N.D.	
35) C256	Cyclohexane	0.00	56	0	N.D.	
36) C150	Trichloroethene	0.00	95	0	N.D.	
37) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
38) C278	Dibromomethane	0.00	93	0	N.D.	

@ 10-14-08

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8702.D Vial: 6
Acq On : 8 Oct 2008 10:21 Operator: DHC
Sample : VBLK69 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 11:05:57 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 11:05:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
39) C130	Bromodichlorometha	0.00	83	0	N.D.	
40) C161	2-Chloroethylvinyl	0.00	63	0	N.D.	
41) C012	Methylcyclohexane	0.00	83	0	N.D.	
42) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
45) C230	Toluene	0.00	92	0	N.D.	
46) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
47) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
48) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
49) C210	4-Methyl-2-pentano	6.07	43	1161	N.D.	
50) C220	Tetrachloroethene	0.00	166	0	N.D.	
51) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
52) C155	Dibromochlorometha	0.00	129	0	N.D.	
53) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
54) C215	2-Hexanone	0.00	43	0	N.D.	
55) C235	Chlorobenzene	7.22	112	158	N.D.	
56) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
57) C240	Ethylbenzene	7.19	91	131	N.D.	
58) C246	m,p-Xylene	0.00	106	0	N.D.	
59) C247	o-Xylene	0.00	106	0	N.D.	
60) C245	Styrene	0.00	104	0	N.D.	
61) C180	Bromoform	0.00	173	0	N.D.	
64) C966	Isopropylbenzene	0.00	105	0	N.D.	
65) C301	Bromobenzene	0.00	156	0	N.D.	
66) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
67) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
68) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
69) C302	n-Propylbenzene	8.48	91	153	N.D.	
70) C303	2-Chlorotoluene	0.00	126	0	N.D.	
71) C289	4-Chlorotoluene	0.00	126	0	N.D.	
72) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
73) C306	tert-Butylbenzene	0.00	134	0	N.D.	
74) C307	1,2,4-Trimethylben	0.00	105	0	N.D.	
75) C308	sec-Butylbenzene	0.00	105	0	N.D.	
76) C260	1,3-Dichlorobenzen	9.07	146	523	N.D.	
77) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
78) C267	1,4-Dichlorobenzen	9.07	146	523	N.D.	
79) C249	1,2-Dichlorobenzen	9.38	146	300	N.D.	
80) C310	n-Butylbenzene	0.00	91	0	N.D.	
81) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
82) C313	1,2,4-Trichloroben	10.71	180	531	N.D.	
83) C316	Hexachlorobutadien	10.82	225	159	N.D.	
84) C314	Naphthalene	0.00	128	0	N.D.	
85) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2390501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0127.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	120	
71-43-2	Benzene	25	
75-27-4	Bromodichloromethane	25	
75-25-2	Bromoform	25	
74-83-9	Bromomethane	28	
78-93-3	2-Butanone	130	
75-15-0	Carbon Disulfide	28	
56-23-5	Carbon Tetrachloride	26	
108-90-7	Chlorobenzene	25	
75-00-3	Chloroethane	26	
67-66-3	Chloroform	24	
74-87-3	Chloromethane	20	
110-82-7	Cyclohexane	28	
106-93-4	1,2-Dibromoethane	24	
124-48-1	Dibromochloromethane	25	
96-12-8	1,2-Dibromo-3-chloropropane	23	
95-50-1	1,2-Dichlorobenzene	25	
541-73-1	1,3-Dichlorobenzene	25	
106-46-7	1,4-Dichlorobenzene	25	
75-71-8	Dichlorodifluoromethane	20	
75-34-3	1,1-Dichloroethane	25	
107-06-2	1,2-Dichloroethane	25	
75-35-4	1,1-Dichloroethene	24	
156-59-2	cis-1,2-Dichloroethene	25	
156-60-5	trans-1,2-Dichloroethene	25	
78-87-5	1,2-Dichloropropane	25	
10061-01-5	cis-1,3-Dichloropropene	25	
10061-02-6	trans-1,3-Dichloropropene	25	
100-41-4	Ethylbenzene	25	
591-78-6	2-Hexanone	130	
98-82-8	Isopropylbenzene	23	
79-20-9	Methyl acetate	17	
108-87-2	Methylcyclohexane	28	
75-09-2	Methylene chloride	24	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB66

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2390501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G0127.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

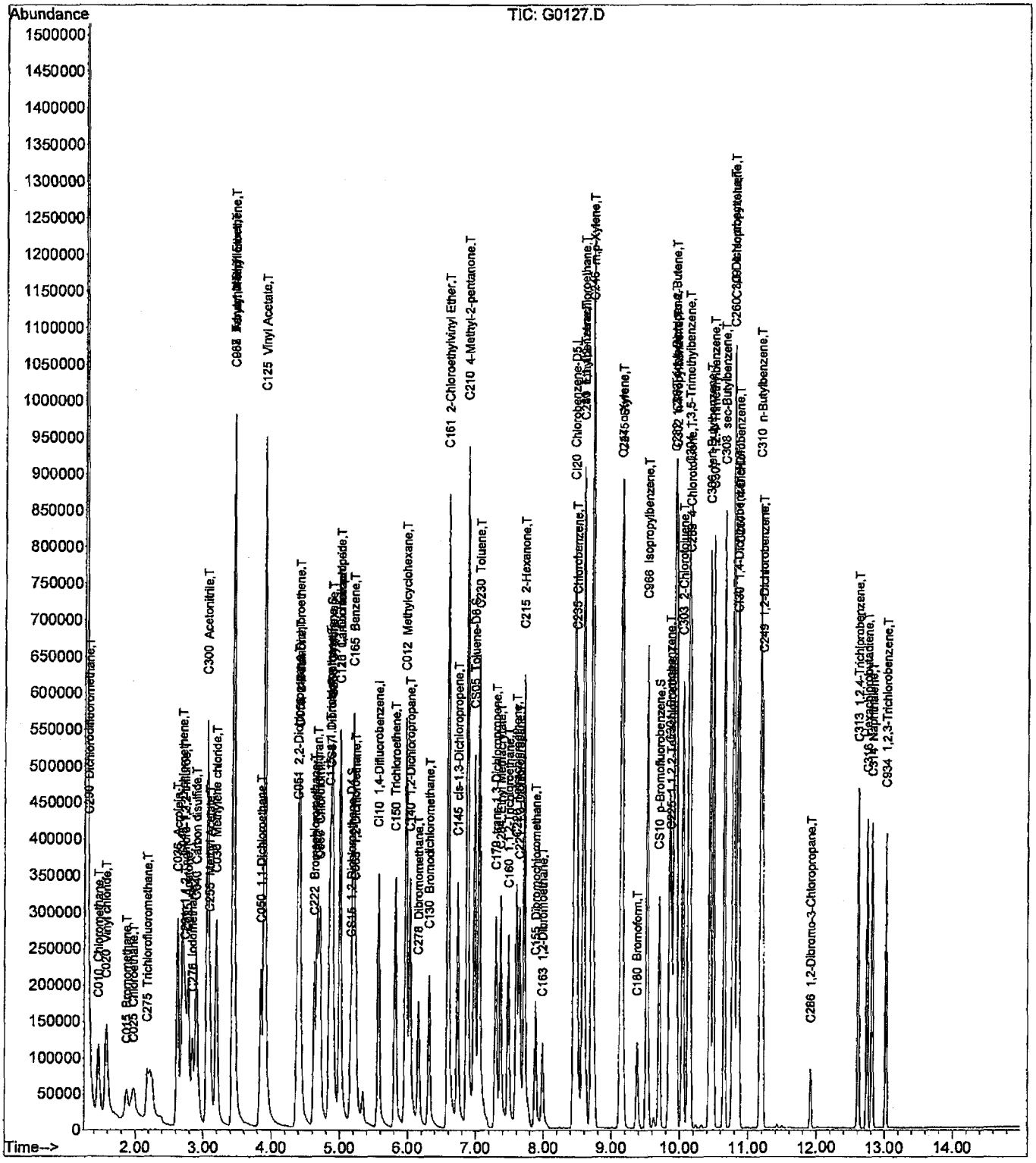
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	130	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	27	
100-42-5	Styrene	25	
79-34-5	1,1,2,2-Tetrachloroethane	25	
127-18-4	Tetrachloroethene	26	
108-88-3	Toluene	25	
120-82-1	1,2,4-Trichlorobenzene	26	
71-55-6	1,1,1-Trichloroethane	25	
79-00-5	1,1,2-Trichloroethane	25	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28	
75-69-4	Trichlorofluoromethane	23	
79-01-6	Trichloroethene	26	
75-01-4	Vinyl chloride	22	
1330-20-7	Total Xylenes	76	

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0127.D Vial: 10
Acq On : 8 Oct 2008 20:30 Operator: ND
Sample : SSCAL Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 08 20:51:32 2008 Results File: A8I0000...THPT.RES
Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0127.D Vial: 10
Acq On : 8 Oct 2008 20:30 Operator: ND
Sample : SSCAL Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 20:51:32 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.57	114	369499	125.00	ng	0.00 96.05%
43) CI20	Chlorobenzene-D5	8.46	82	149108	125.00	ng	0.00 98.25%
63) CI30	1,4-Dichlorobenzene-	10.84	152	147030	125.00	ng	0.00 100.08%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.86	111	105018	130.76	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	104.61%	
31) CS15	1,2-Dichloroethane-D	5.17	65	112979	126.57	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	101.26%	
44) CS05	Toluene-D8	6.98	98	416964	132.90	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	106.32%	
62) CS10	p-Bromofluorobenzene	9.70	174	109770	132.32	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	105.86%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.32	85	76933	99.60	ng	# 100
3) C010	Chloromethane	1.46	50	157243	101.63	ng	96
4) C020	Vinyl chloride	1.57	62	168450	112.86	ng	85
5) C015	Bromomethane	1.87	94	50376	140.35	ng	86
6) C025	Chloroethane	1.98	64	80618	132.86	ng	91
7) C275	Trichlorofluorometha	2.18	101	173476	116.57	ng	100
8) C045	1,1-Dichloroethene	2.70	96	139530	122.56	ng	97
9) C030	Methylene chloride	3.19	84	160808	122.02	ng	98
10) C040	Carbon disulfide	2.90	76	492096	142.21	ng	98
11) C036	Acrolein	2.62	56	353316	2100.73	ng	96
12) C038	Acrylonitrile	3.44	53	309698	639.75	ng	92
13) C035	Acetone	2.78	43	241150	621.05	ng	100
14) C300	Acetonitrile	3.06	41	850745	5072.86	ng	99
15) C276	Iodomethane	2.84	142	193628	105.24	ng	87
16) C291	1,1,2-Trichloro-1,2,	2.74	101	134912	139.24	ng	97
17) C962	T-butyl Methyl Ether	3.44	73	489568	135.04	ng	87
18) C057	trans-1,2-Dichloroet	3.44	96	158281	124.07	ng	94
19) C255	Methyl Acetate	3.10	43	166021	83.06	ng	99
20) C050	1,1-Dichloroethane	3.85	63	281100	124.09	ng	99
21) C125	Vinyl Acetate	3.90	43	1764027	764.82	ng	99
22) C051	2,2-Dichloropropane	4.38	77	199616	125.74	ng	99
23) C056	cis-1,2-Dichloroethe	4.40	96	163282	124.21	ng	95
24) C272	Tetrahydrofuran	4.67	42	253689	656.09	ng	99
25) C222	Bromochloromethane	4.63	128	79136	124.77	ng	95
27) C060	Chloroform	4.71	83	230458	122.22	ng	99
28) C115	1,1,1-Trichloroethan	4.85	97	202931	126.71	ng	98
29) C120	Carbon tetrachloride	5.00	117	172276	129.07	ng	97
30) C116	1,1-Dichloropropene	5.01	75	187211	130.42	ng	95
32) C165	Benzene	5.20	78	589850	125.64	ng	98
33) C065	1,2-Dichloroethane	5.23	62	190601	123.83	ng	95
34) C110	2-Butanone	4.42	43	358485	657.15	ng	100
35) C256	Cyclohexane	4.89	56	318197	142.66	ng	91
36) C150	Trichloroethene	5.82	95	141311	127.86	ng	96
37) C140	1,2-Dichloropropane	6.03	63	152853	124.82	ng	99
38) C278	Dibromomethane	6.16	93	77198	122.49	ng	95

@ 10.14.08

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\100808\G0127.D Vial: 10
Acq On : 8 Oct 2008 20:30 Operator: ND
Sample : SSCAL Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 08 20:51:32 2008 Results File: A8I0000...THPT.RES

Quant Method : D:\MSDCHEM\G.....000745-SIXTHPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Oct 08 20:05:28 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\G\Data\100808\G0123.D (8 Oct 2008 18:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	6.32	83	168746	123.94	ng		96
40) C161	2-Chloroethylvinyl E	6.59	63	468180	621.31	ng		99
41) C012	Methylcyclohexane	5.97	83	284221	139.61	ng		96
42) C145	cis-1,3-Dichloroprop	6.74	75	226032	127.14	ng		100
45) C230	Toluene	7.05	92	352597	125.87	ng		91
46) C170	trans-1,3-Dichloropr	7.29	75	194717	125.09	ng		93
47) C284	Ethyl Methacrylate	7.37	69	184530	130.29	ng	#	93
48) C160	1,1,2-Trichloroethan	7.48	83	92301	123.58	ng		99
49) C210	4-Methyl-2-pentanone	6.88	43	821298	669.15	ng		99
50) C220	Tetrachloroethene	7.60	166	142305	132.62	ng		97
51) C221	1,3-Dichloropropane	7.65	76	198711	125.46	ng		98
52) C155	Dibromochloromethane	7.88	129	124685	125.36	ng		95
53) C163	1,2-Dibromoethane	7.99	107	107987	121.76	ng		99
54) C215	2-Hexanone	7.71	43	517132	658.91	ng		97
55) C235	Chlorobenzene	8.49	112	364583	125.05	ng		97
56) C281	1,1,1,2-Tetrachloroe	8.58	131	128945	126.98	ng		94
57) C240	Ethylbenzene	8.59	91	599465	126.56	ng		96
58) C246	m,p-Xylene	8.71	106	485140	255.87	ng		96
59) C247	o-Xylene	9.13	106	240551	126.60	ng		97
60) C245	Styrene	9.16	104	387143	126.62	ng		96
61) C180	Bromoform	9.38	173	74574	126.25	ng		96
64) C966	Isopropylbenzene	9.52	105	539368	116.46	ng		100
65) C301	Bromobenzene	9.85	156	147428	124.17	ng		99
66) C225	1,1,2,2-Tetrachloroe	9.88	83	136062	124.30	ng		99
67) C282	1,2,3-Trichloropropa	9.91	110	36624	110.93	ng		100
68) C283	t-1,4-Dichloro-2-But	9.93	51	102483	600.63	ng	#	62
69) C302	n-Propylbenzene	9.95	91	698371	124.94	ng		99
70) C303	2-Chlorotoluene	10.05	126	143901	127.23	ng		100
71) C289	4-Chlorotoluene	10.15	126	146183	126.16	ng		100
72) C304	1,3,5-Trimethylbenze	10.13	105	487050	126.83	ng		100
73) C306	tert-Butylbenzene	10.44	134	113478	129.16	ng		96
74) C307	1,2,4-Trimethylbenze	10.49	105	488414	126.89	ng		99
75) C308	sec-Butylbenzene	10.66	105	626928	138.60	ng		98
76) C260	1,3-Dichlorobenzene	10.78	146	280316	125.07	ng		98
77) C309	4-Isopropyltoluene	10.80	119	508582	124.68	ng		97
78) C267	1,4-Dichlorobenzene	10.87	146	287450	126.05	ng		99
79) C249	1,2-Dichlorobenzene	11.21	146	262781	125.61	ng		100
80) C310	n-Butylbenzene	11.18	91	466237	129.64	ng		98
81) C286	1,2-Dibromo-3-Chloro	11.91	75	18428	117.08	ng		92
82) C313	1,2,4-Trichlorobenze	12.61	180	150268	128.79	ng		98
83) C316	Hexachlorobutadiene	12.75	225	75898	128.81	ng		96
84) C314	Naphthalene	12.82	128	332665	127.11	ng		98
85) C934	1,2,3-Trichlorobenze	13.03	180	127667	127.01	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2363801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1777.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	110	
71-43-2	Benzene	24	
75-27-4	Bromodichloromethane	24	
75-25-2	Bromoform	24	
74-83-9	Bromomethane	23	
78-93-3	2-Butanone	120	
75-15-0	Carbon Disulfide	20	
56-23-5	Carbon Tetrachloride	25	
108-90-7	Chlorobenzene	24	
75-00-3	Chloroethane	24	
67-66-3	Chloroform	24	
74-87-3	Chloromethane	26	
110-82-7	Cyclohexane	23	
106-93-4	1,2-Dibromoethane	25	
124-48-1	Dibromochloromethane	24	
96-12-8	1,2-Dibromo-3-chloropropane	25	
95-50-1	1,2-Dichlorobenzene	25	
541-73-1	1,3-Dichlorobenzene	25	
106-46-7	1,4-Dichlorobenzene	24	
75-71-8	Dichlorodifluoromethane	32	
75-34-3	1,1-Dichloroethane	22	
107-06-2	1,2-Dichloroethane	24	
75-35-4	1,1-Dichloroethene	23	
156-59-2	cis-1,2-Dichloroethene	25	
156-60-5	trans-1,2-Dichloroethene	22	
78-87-5	1,2-Dichloropropane	24	
10061-01-5	cis-1,3-Dichloropropene	26	
10061-02-6	trans-1,3-Dichloropropene	26	
100-41-4	Ethylbenzene	24	
591-78-6	2-Hexanone	130	
98-82-8	Isopropylbenzene	22	
79-20-9	Methyl acetate	16	
108-87-2	Methylcyclohexane	24	
75-09-2	Methylene chloride	22	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB71

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2363801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: J1777.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

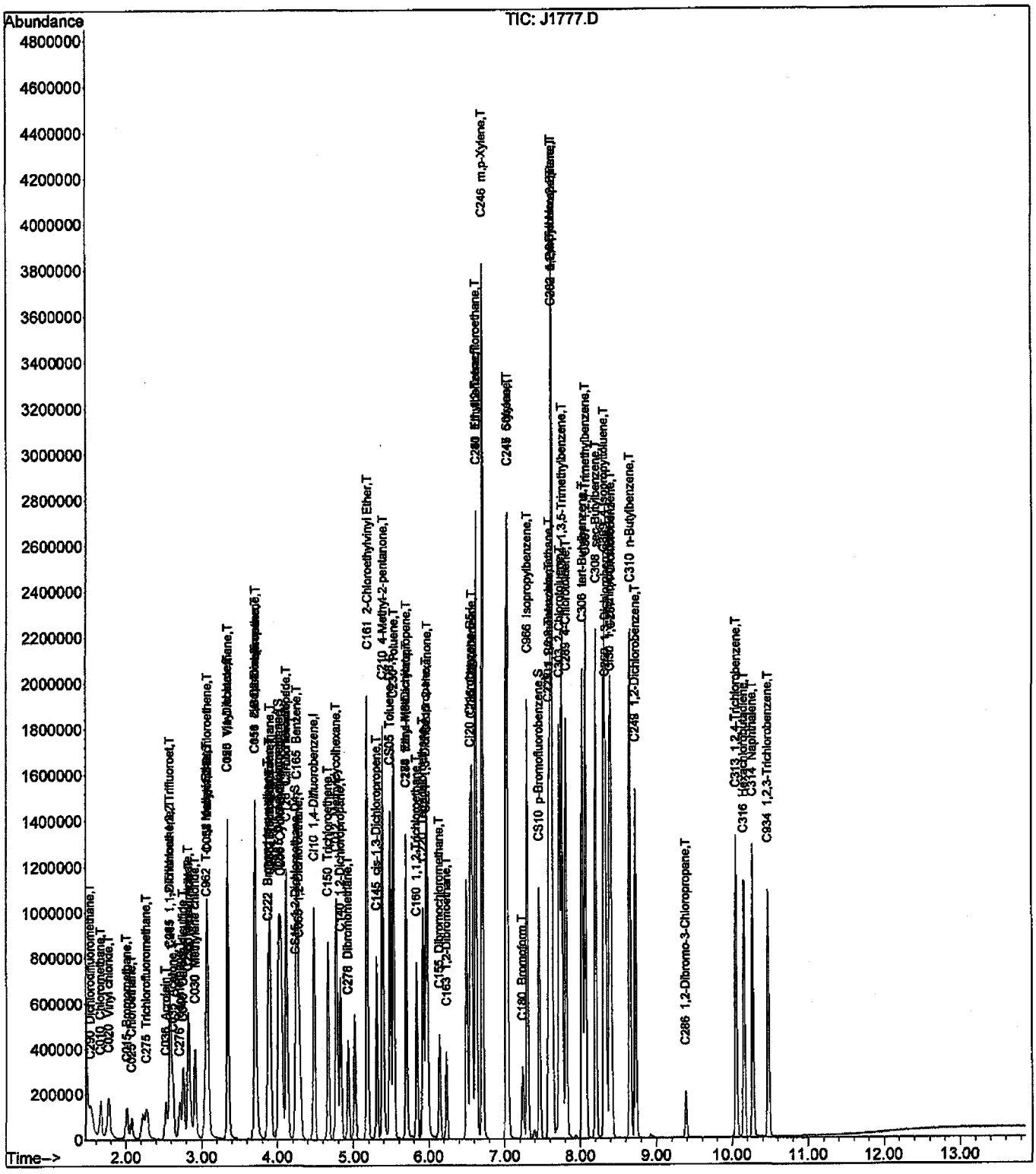
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	130	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	23	
100-42-5	Styrene	25	
79-34-5	1,1,2,2-Tetrachloroethane	26	
127-18-4	Tetrachloroethene	24	
108-88-3	Toluene	24	
120-82-1	1,2,4-Trichlorobenzene	26	
71-55-6	1,1,1-Trichloroethane	24	
79-00-5	1,1,2-Trichloroethane	25	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21	
75-69-4	Trichlorofluoromethane	23	
79-01-6	Trichloroethene	24	
75-01-4	Vinyl chloride	26	
1330-20-7	Total Xylenes	73	

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 03 19:11:43 2008 Results File: A8I0000734.RES
Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:11:43 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.48	114	747435	125.00	ng		0.00 100.16%
43)	CI20	Chlorobenzene-D5	6.55	117	691848	125.00	ng		0.00 101.05%
62)	CI30	1,4-Dichlorobenzene-	8.39	152	379341	125.00	ng		0.00 99.95%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	4.01	111	205672	137.62	ng		0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery =	110.10%		
31)	CS15	1,2-Dichloroethane-D	4.23	65	272707	133.74	ng		0.00
	Spiked Amount	125.000	Range	66 - 137		Recovery =	106.99%		
44)	CS05	Toluene-D8	5.48	98	879270	137.11	ng		0.00
	Spiked Amount	125.000	Range	71 - 126		Recovery =	109.69%		
61)	CS10	p-Bromofluorobenzene	7.45	174	284556	134.87	ng		0.00
	Spiked Amount	125.000	Range	73 - 120		Recovery =	107.90%		
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	1.53	85	241022	161.69	ng		98
3)	C010	Chloromethane	1.66	50	200553	132.13	ng		99
4)	C020	Vinyl chloride	1.77	62	220736	129.35	ng		99
5)	C015	Bromomethane	2.01	94	103312	116.48	ng		98
6)	C025	Chloroethane	2.07	64	95078	119.45	ng		99
7)	C275	Trichlorofluorometha	2.27	101	304364m	114.14	ng		99
8)	C045	1,1-Dichloroethene	2.58	96	157362	113.85	ng	#	84
9)	C030	Methylene chloride	2.91	84	183460	111.06	ng	#	87
10)	C040	Carbon disulfide	2.75	76	473061	102.87	ng		99
11)	C036	Acrolein	2.53	56	153015	1375.56	ng		96
12)	C038	Acrylonitrile	3.07	53	275413	560.30	ng		97
13)	C035	Acetone	2.63	43	228945	540.29	ng		94
14)	C300	Acetonitrile	2.83	41	644325	4213.29	ng		100
15)	C276	Iodomethane	2.71	142	190980	86.01	ng		94
16)	C291	1,1,2 Trichloro-1,2,	2.59	101	163413	105.55	ng		95
17)	C962	T-butyl Methyl Ether	3.05	73	595127	113.75	ng		97
18)	C057	trans-1,2-Dichloroet	3.07	96	180679	109.62	ng		95
19)	C255	Methyl Acetate	2.82	43	135183	78.67	ng		99
20)	C050	1,1-Dichloroethane	3.34	63	317262	108.43	ng		97
21)	C125	Vinyl Acetate	3.34	43	1439176	607.40	ng		96
22)	C051	2,2-Dichloropropane	3.71	77	373724	123.53	ng	#	39
23)	C056	cis-1,2-Dichloroethe	3.71	96	277417	123.26	ng		97
24)	C272	Tetrahydrofuran	3.89	42	328887	627.41	ng		96
25)	C222	Bromochloromethane	3.87	128	129525	121.80	ng		97
26)	C060	Chloroform	3.91	83	448224	119.87	ng		96
27)	C115	1,1,1-Trichloroethan	4.02	97	407605	120.23	ng		93
28)	C120	Carbon tetrachloride	4.12	117	322738	123.38	ng		98
29)	C116	1,1-Dichloropropene	4.11	75	353198	120.73	ng		98
32)	C165	Benzene	4.25	78	1082241	117.86	ng		98
33)	C065	1,2-Dichloroethane	4.28	62	351367	118.55	ng		99
34)	C110	2-Butanone	3.71	43	509389	617.32	ng		96
35)	C256	Cyclohexane	4.05	56	411497	116.15	ng	#	77
36)	C150	Trichloroethene	4.66	95	267372	122.59	ng		96
37)	C140	1,2-Dichloropropane	4.83	63	257469	122.77	ng		99
38)	C278	Dibromomethane	4.92	93	152357	123.26	ng		94

@ 10.14.08

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D Vial: 12
Acq On : 3 Oct 2008 18:37 Operator: LH/MF
Sample : MSB/SSCAL Inst : HP5973J
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:11:43 2008 Results File: A8I0000734.RES

Quant Method : C:\MSDCHEM\1...\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Initial Calibration
DataAcq Meth : VOA.M
IS QA File : C:\MSDCHEM\1\DATA\100308\J1776.D (3 Oct 2008 17:49)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	3.91	83	448224	119.87	ng		95
40) C161	2-Chloroethylvinyl E	5.18	63	801607	600.14	ng	#	87
41) C012	Methylcycolhexane	4.77	83	482160	119.92	ng	#	83
42) C145	cis-1,3-Dichloroprop	5.30	75	419380	128.30	ng		95
45) C230	Toluene	5.53	92	698278	119.29	ng		99
46) C170	trans-1,3-Dichloropr	5.69	75	384420	127.73	ng		91
47) C284	Ethyl Methacrylate	5.70	69	345941	125.56	ng	#	72
48) C160	1,1,2-Trichloroethan	5.83	83	198927	126.73	ng		96
49) C210	4-Methyl-2-pentanone	5.38	43	1110902	651.24	ng	#	83
50) C220	Tetrachloroethene	5.92	166	277936	121.86	ng		99
51) C221	1,3-Dichloropropane	5.95	76	418581	122.56	ng		100
52) C155	Dibromochloromethane	6.14	129	231155	117.69	ng		98
53) C163	1,2-Dibromoethane	6.24	107	250154	125.78	ng		100
54) C215	2-Hexanone	5.97	43	797525	652.71	ng	#	87
55) C235	Chlorobenzene	6.57	112	760483	121.42	ng		94
56) C281	1,1,1,2-Tetrachloroe	6.63	131	246514	126.45	ng		87
57) C240	Ethylbenzene	6.63	91	1332212	120.11	ng		98
58) C246	m,p-Xylene	6.71	106	1105395	243.17	ng		96
59) C247	o-Xylene	7.03	106	545038	122.17	ng		95
60) C245	Styrene	7.04	104	897574	126.95	ng		94
63) C180	Bromoform	7.23	173	140706	118.32	ng		97
64) C966	Isopropylbenzene	7.30	105	1293252	112.72	ng		99
65) C301	Bromobenzene	7.59	156	332668	123.31	ng	#	73
66) C225	1,1,2,2-Tetrachloroe	7.58	83	337773	132.62	ng		97
67) C282	1,2,3-Trichloropropa	7.62	110	97198	109.41	ng		100
68) C283	t-1,4-Dichloro-2-But	7.61	53	376354	657.02	ng	#	67
69) C302	n-Propylbenzene	7.63	91	1711901	124.18	ng		99
70) C303	2-Chlorotoluene	7.72	126	344787	126.29	ng		100
71) C289	4-Chlorotoluene	7.81	126	354377	123.89	ng		100
72) C304	1,3,5-Trimethylbenze	7.76	105	1259482	122.27	ng		98
73) C306	tert-Butylbenzene	8.03	134	252816	125.22	ng		100
74) C307	1,2,4-Trimethylbenze	8.07	105	1294368	123.04	ng		100
75) C308	sec-Butylbenzene	8.20	105	1624444	134.95	ng		96
76) C260	1,3-Dichlorobenzene	8.34	146	653120	123.27	ng		99
77) C309	4-Isopropyltoluene	8.31	119	1307911	122.25	ng		96
78) C267	1,4-Dichlorobenzene	8.41	146	671399	121.80	ng		95
79) C249	1,2-Dichlorobenzene	8.73	146	626766	123.27	ng		98
80) C310	n-Butylbenzene	8.66	91	1227293	126.14	ng		98
81) C286	1,2-Dibromo-3-Chloro	9.39	75	51283	124.44	ng	#	76
82) C313	1,2,4-Trichlorobenze	10.06	180	414549	130.00	ng		99
83) C316	Hexachlorobutadiene	10.16	225	224135	126.26	ng		100
84) C314	Naphthalene	10.27	128	963861	131.90	ng		100
85) C934	1,2,3-Trichlorobenze	10.47	180	342358	128.59	ng		98

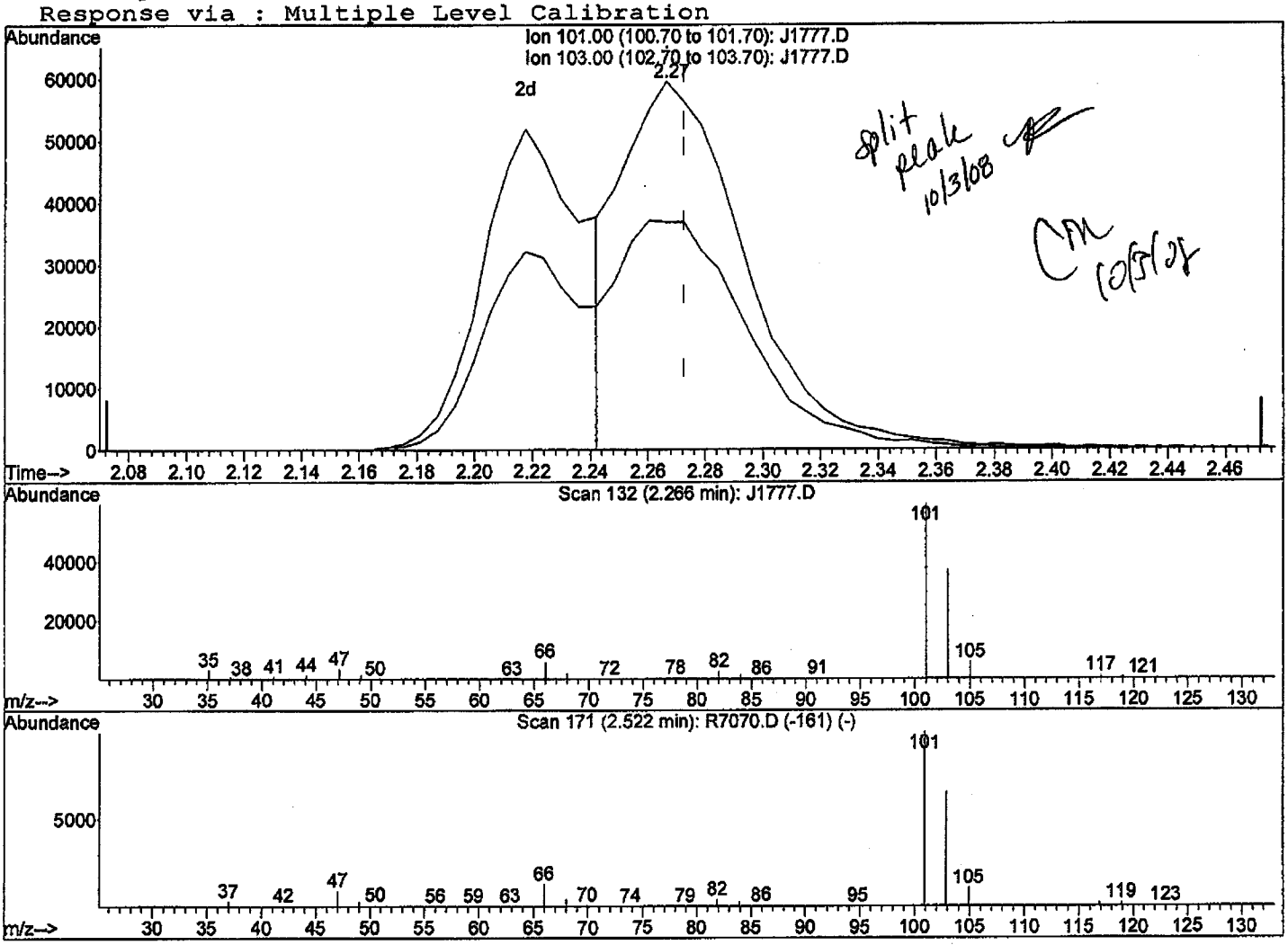
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D
Acq On : 3 Oct 2008 18:37
Sample : MSB/SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:06:21 2008

Vial: 12
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Multiple Level Calibration



TIC: J1777.D

(7) C275 Trichlorofluoromethane (T)

2.27min (-0.006) 67.21ng

response 179214

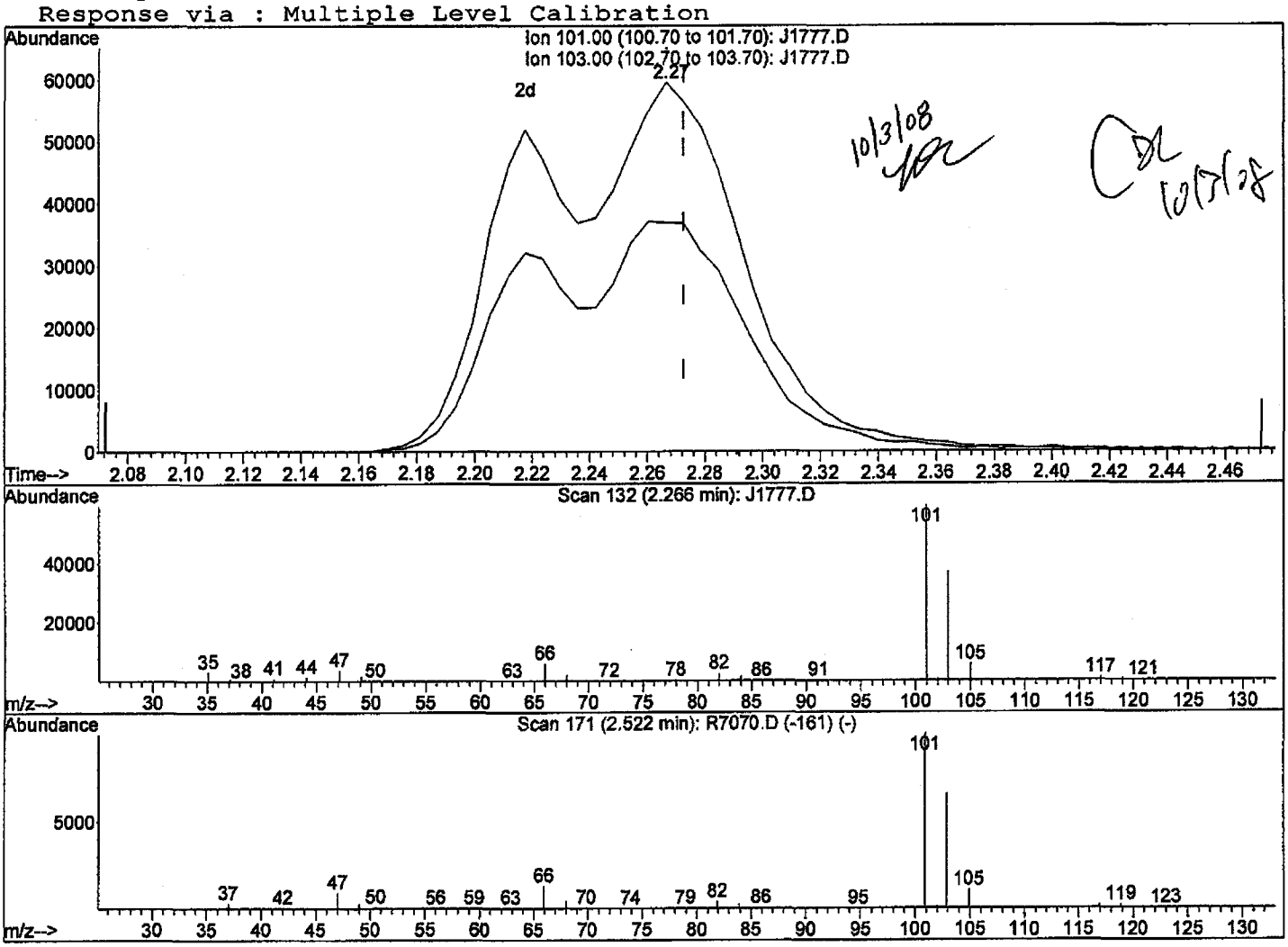
Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\100308\J1777.D
Acq On : 3 Oct 2008 18:37
Sample : MSB/SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 19:06:21 2008

Vial: 12
Operator: LH/MF
Inst : HP5973J
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...260\A8I0000734.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Fri Oct 03 18:19:58 2008
Response via : Multiple Level Calibration



TIC: J1777.D

(7) C275 Trichlorofluoromethane (T)

2.27min (-0.006) 114.14ng m

response 304364

Ion	Exp%	Act%
101.00	100	100
103.00	63.00	62.04
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2351101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1672.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/02/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	150	
71-43-2	Benzene	23	
75-27-4	Bromodichloromethane	27	
75-25-2	Bromoform	22	
74-83-9	Bromomethane	30	
78-93-3	2-Butanone	130	
75-15-0	Carbon Disulfide	25	
56-23-5	Carbon Tetrachloride	29	
108-90-7	Chlorobenzene	24	
75-00-3	Chloroethane	27	
67-66-3	Chloroform	27	
74-87-3	Chloromethane	21	
110-82-7	Cyclohexane	24	
106-93-4	1,2-Dibromoethane	25	
124-48-1	Dibromochloromethane	26	
96-12-8	1,2-Dibromo-3-chloropropane	24	
95-50-1	1,2-Dichlorobenzene	24	
541-73-1	1,3-Dichlorobenzene	24	
106-46-7	1,4-Dichlorobenzene	24	
75-71-8	Dichlorodifluoromethane	24	
75-34-3	1,1-Dichloroethane	24	
107-06-2	1,2-Dichloroethane	28	
75-35-4	1,1-Dichloroethene	25	
156-59-2	cis-1,2-Dichloroethene	24	
156-60-5	trans-1,2-Dichloroethene	25	
78-87-5	1,2-Dichloropropane	23	
10061-01-5	cis-1,3-Dichloropropene	24	
10061-02-6	trans-1,3-Dichloropropene	25	
100-41-4	Ethylbenzene	25	
591-78-6	2-Hexanone	130	
98-82-8	Isopropylbenzene	22	
79-20-9	Methyl acetate	18	
108-87-2	Methylcyclohexane	25	
75-09-2	Methylene chloride	23	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MSB04

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2351101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1672.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/02/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

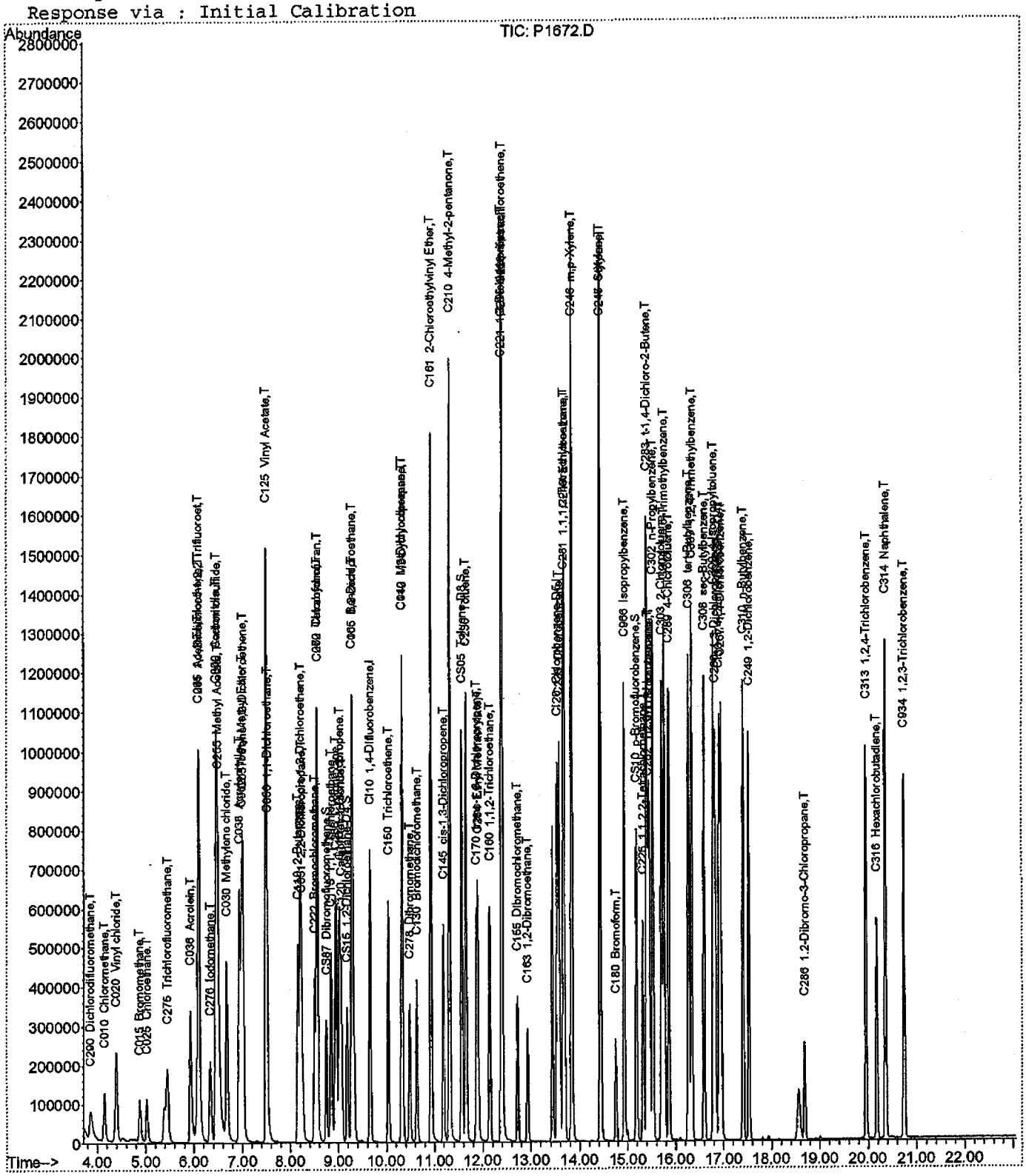
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	130	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	28	
100-42-5	Styrene	24	
79-34-5	1,1,2,2-Tetrachloroethane	24	
127-18-4	Tetrachloroethene	26	
108-88-3	Toluene	24	
120-82-1	1,2,4-Trichlorobenzene	25	
71-55-6	1,1,1-Trichloroethane	29	
79-00-5	1,1,2-Trichloroethane	24	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	28	
75-69-4	Trichlorofluoromethane	27	
79-01-6	Trichloroethene	26	
75-01-4	Vinyl chloride	25	
1330-20-7	Total Xylenes	72	

Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\100208\P1672.D Vial: 3
Acq On : 2 Oct 2008 23:58 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 1:00 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1672.D
Acq On : 2 Oct 2008 23:58
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 01:01:47 2008

Vial: 3
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	9.66	114	701898	125.00	ng		0.00 111.42%
43)	CI20	Chlorobenzene-D5	13.54	117	664765	125.00	ng		0.00 111.38%
62)	CI30	1,4-Dichlorobenzene-	16.91	152	368643	125.00	ng		0.00 109.36%
	System Monitoring Compounds								
30)	CS87	Dibromofluoromethane	8.74	111	236483	138.47	ng		0.00
	Spiked Amount	125.000	Range	70 - 130		Recovery	=	110.78%	
31)	CS15	1,2-Dichloroethane-D	9.18	65	309496	145.84	ng		0.00
	Spiked Amount	125.000	Range	66 - 137		Recovery	=	116.67%	
44)	CS05	Toluene-D8	11.57	98	847600	130.49	ng		0.00
	Spiked Amount	125.000	Range	71 - 126		Recovery	=	104.39%	
61)	CS10	p-Bromofluorobenzene	15.19	174	276689	132.55	ng		0.00
	Spiked Amount	125.000	Range	73 - 120		Recovery	=	106.04%	
	Target Compounds								Qvalue
2)	C290	Dichlorodifluorometh	3.86	85	212503	121.15	ng		98
3)	C010	Chloromethane	4.15	50	217046	104.86	ng		97
4)	C020	Vinyl chloride	4.38	62	221632	123.58	ng		97
5)	C015	Bromomethane	4.87	94	105141	147.51	ng		99
6)	C025	Chloroethane	5.02	64	141595	133.40	ng		100
7)	C275	Trichlorofluorometha	5.45	101	421946m	134.08	ng		97
8)	C045	1,1-Dichloroethene	6.10	96	236235	125.74	ng		93
9)	C030	Methylene chloride	6.68	84	270184	117.10	ng		97
10)	C040	Carbon disulfide	6.46	76	750336	124.38	ng		98
11)	C036	Acrolein	5.93	56	505328	1366.76	ng		98
12)	C038	Acrylonitrile	6.93	53	678357	638.18	ng		99
13)	C035	Acetone	6.10	43	573755	739.49	ng		100
14)	C300	Acetonitrile	6.45	41	2009568	4882.23	ng		100
15)	C276	Iodomethane	6.34	142	342318	106.18	ng		99
16)	C291	1,1,2 Trichloro-1,2,	6.09	101	251925	142.79	ng		91
17)	C962	T-butyl Methyl Ether	6.99	73	854625	139.82	ng		99
18)	C057	trans-1,2-Dichloroet	7.02	96	255383	123.94	ng		95
19)	C255	Methyl Acetate	6.49	43	328412	92.36	ng		95
20)	C050	1,1-Dichloroethane	7.52	63	455133	122.60	ng		98
21)	C125	Vinyl Acetate	7.48	43	2773100	698.80	ng		96
22)	C051	2,2-Dichloropropane	8.23	77	395325	132.18	ng		100
23)	C056	cis-1,2-Dichloroethe	8.20	96	268292	119.56	ng		96
24)	C272	Tetrahydrofuran	8.55	42	516975	602.68	ng		96
25)	C222	Bromochloromethane	8.50	128	131171	124.57	ng	#	84
26)	C060	Chloroform	8.54	83	458574	133.56	ng		96
27)	C115	1,1,1-Trichloroethan	8.84	97	447160	144.12	ng		96
28)	C120	Carbon tetrachloride	9.05	117	355177	146.08	ng		100
29)	C116	1,1-Dichloropropene	9.02	75	317115	126.50	ng		93
32)	C165	Benzene	9.28	78	892642	117.23	ng		99

(#) = qualifier out of range (m) = manual integration

10-14-08

Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1672.D
Acq On : 2 Oct 2008 23:58
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 01:01:47 2008

Vial: 3
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Initial Calibration
DataAcq Meth : VOA

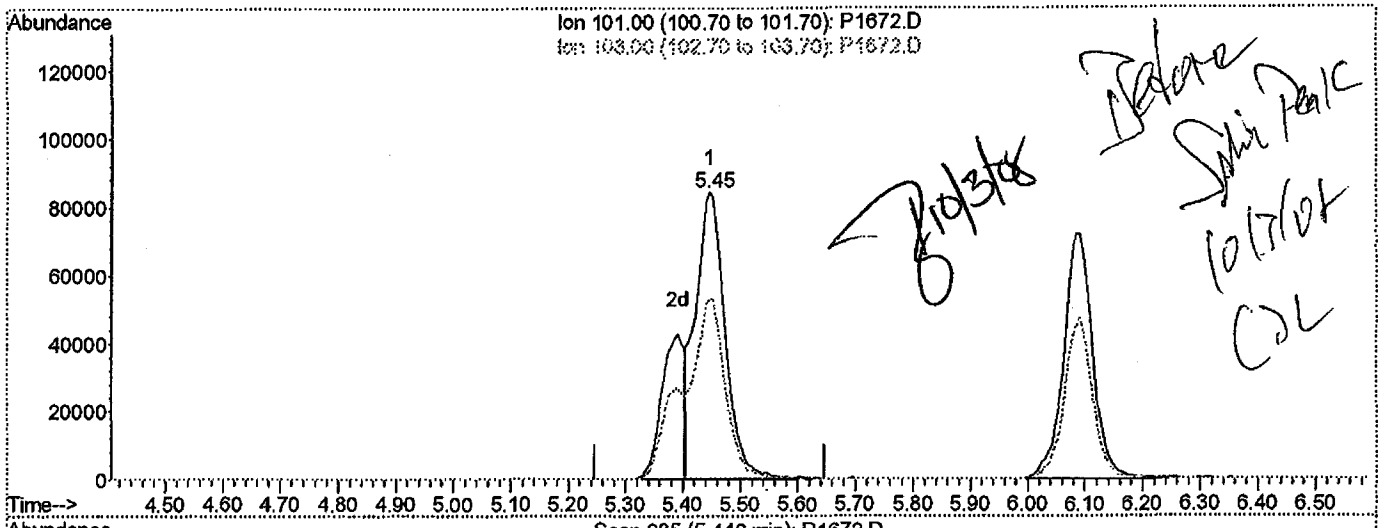
	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.27	62	404909	138.50 ng		96
34)	C110	2-Butanone	8.15	43	833300	653.48 ng		93
35)	C256	Cyclohexane	8.94	56	445486	122.70 ng		90
36)	C150	Trichloroethene	10.04	95	256608	127.79 ng		91
37)	C140	1,2-Dichloropropane	10.32	63	241171	115.90 ng		95
38)	C278	Dibromomethane	10.48	93	167369	126.46 ng		91
39)	C130	Bromodichloromethane	10.63	83	327516	133.42 ng		95
40)	C161	2-Chloroethylvinyl E	10.92	63	896194	594.53 ng	#	90
41)	C012	Methylcycolhexane	10.32	83	338749	124.39 ng		88
42)	C145	cis-1,3-Dichloroprop	11.18	75	365241	118.34 ng		91
45)	C230	Toluene	11.66	92	592831	118.12 ng		96
46)	C170	trans-1,3-Dichloropr	11.87	75	360035	123.25 ng		97
47)	C284	Ethyl Methacrylate	11.90	69	340984	121.83 ng	#	72
48)	C160	1,1,2-Trichloroethan	12.14	83	188962	119.12 ng		88
49)	C210	4-Methyl-2-pentanone	11.31	43	1712287	644.54 ng	#	87
50)	C220	Tetrachloroethene	12.41	166	240978	131.92 ng		96
51)	C221	1,3-Dichloropropane	12.38	76	370964	120.60 ng		98
52)	C155	Dibromochloromethane	12.72	129	239855	129.48 ng		99
53)	C163	1,2-Dibromoethane	12.93	107	252328	124.81 ng		94
54)	C215	2-Hexanone	12.40	43	1241139	670.80 ng		98
55)	C235	Chlorobenzene	13.58	112	660263	120.84 ng		94
56)	C281	1,1,1,2-Tetrachloroe	13.67	131	240105	129.71 ng		94
57)	C240	Ethylbenzene	13.68	91	1144153	124.19 ng		100
58)	C246	m,p-Xylene	13.84	106	829848	241.50 ng		95
59)	C247	o-Xylene	14.42	106	419438	119.34 ng		96
60)	C245	Styrene	14.43	104	696935	121.56 ng		84
63)	C180	Bromoform	14.75	173	152874	109.25 ng		99
64)	C966	Isopropylbenzene	14.93	105	1001474	110.70 ng		92
65)	C301	Bromobenzene	15.45	156	291403	123.54 ng	#	85
66)	C225	1,1,2,2-Tetrachloroe	15.32	83	348126	118.22 ng		99
67)	C282	1,2,3-Trichloropropa	15.43	110	95132	117.35 ng		100
68)	C283	t-1,4-Dichloro-2-But	15.40	89	271020	453.33 ng	#	52
69)	C302	n-Propylbenzene	15.53	91	1319178	118.91 ng		93
70)	C303	2-Chlorotoluene	15.71	126	279060	119.82 ng		100
71)	C289	4-Chlorotoluene	15.86	126	286774	120.95 ng		100
72)	C304	1,3,5-Trimethylbenze	15.76	105	947285	123.23 ng	#	51
73)	C306	tert-Butylbenzene	16.27	134	182046	117.62 ng		100
74)	C307	1,2,4-Trimethylbenze	16.34	105	977619	124.16 ng		97
75)	C308	sec-Butylbenzene	16.60	105	1087102	127.37 ng		93
76)	C260	1,3-Dichlorobenzene	16.82	146	544754	120.29 ng		99
77)	C309	4-Isopropyltoluene	16.79	119	922729	118.06 ng		98
78)	C267	1,4-Dichlorobenzene	16.95	146	572789	121.35 ng		97
79)	C249	1,2-Dichlorobenzene	17.53	146	567209	121.94 ng		98
80)	C310	n-Butylbenzene	17.41	91	851390	119.01 ng		93
81)	C286	1,2-Dibromo-3-Chloro	18.68	75	84260	122.97 ng		95
82)	C313	1,2,4-Trichlorobenze	19.96	180	417799	123.38 ng		97
83)	C316	Hexachlorobutadiene	20.18	225	151459	128.12 ng		95
84)	C314	Naphthalene	20.36	128	1315265	118.30 ng		99
85)	C934	1,2,3-Trichlorobenze	20.74	180	410523	122.25 ng		97

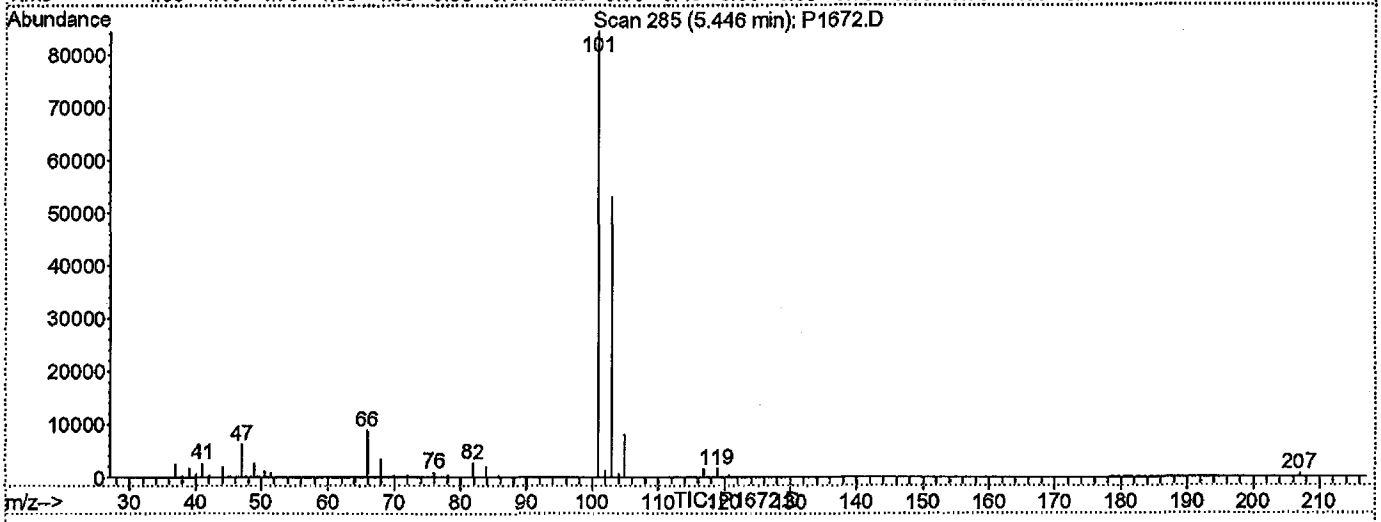
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\100208\P1672.D Vial: 3
Acq On : 2 Oct 2008 23:58 Operator: CDC
Sample : MSB Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 1:00 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 95.11ng

response 299305

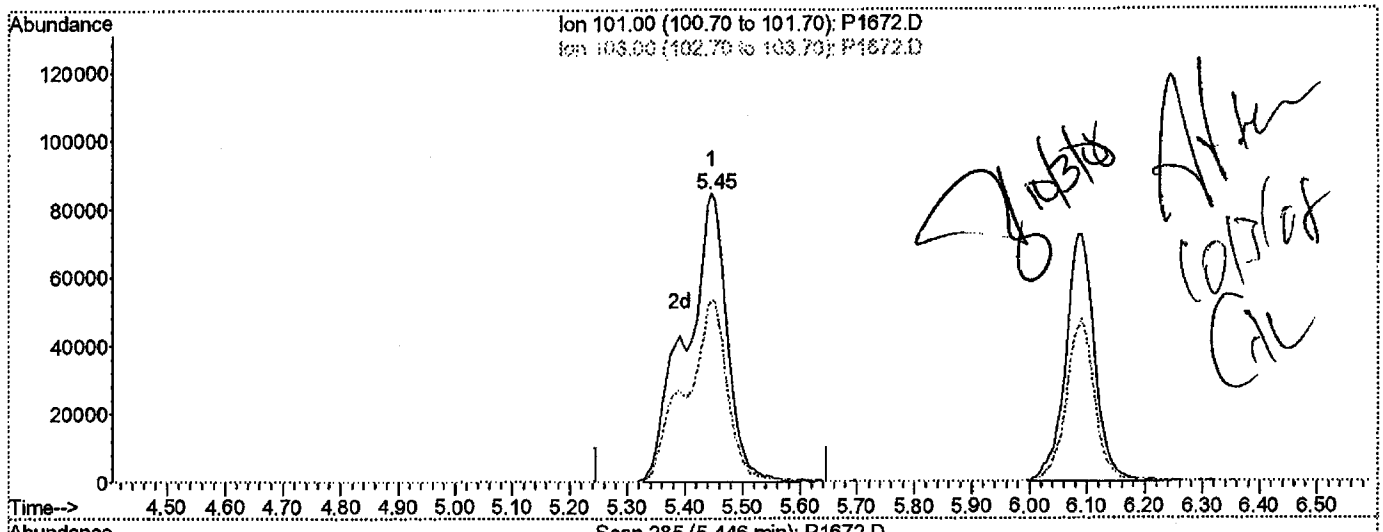
Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.98
0.00	0.00	0.00
0.00	0.00	0.00

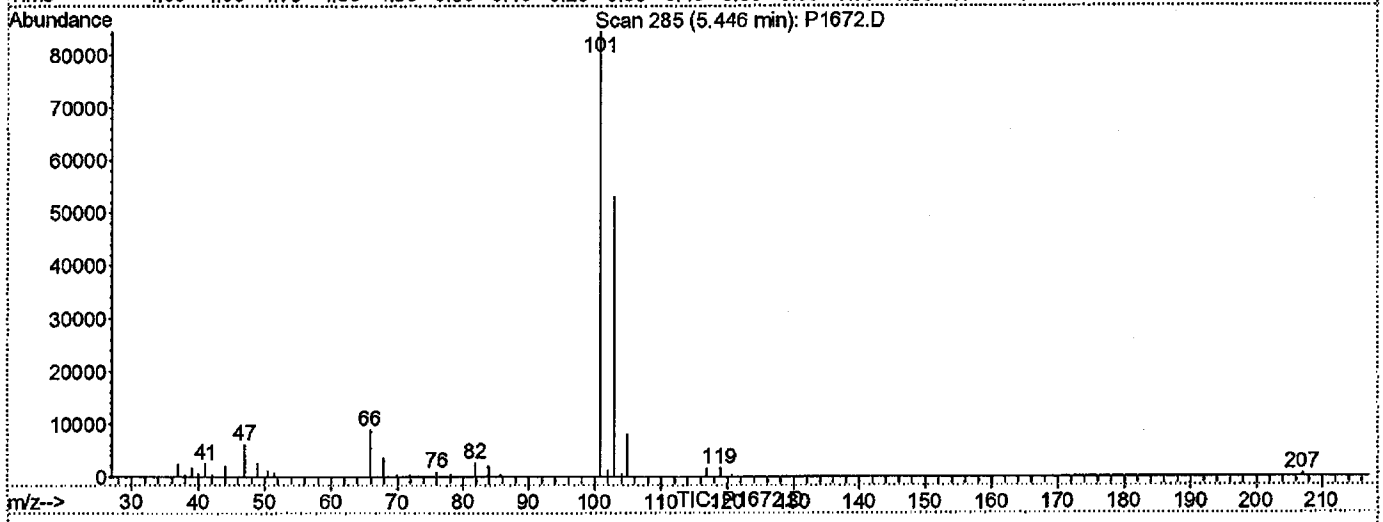
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\100208\P1672.D
Acq On : 2 Oct 2008 23:58
Sample : MSB
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 3 1:00 2008

Vial: 3
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 01:00:55 2008
Response via : Multiple Level Calibration





(7) C275 Trichlorofluoromethane (T)

5.45min 134.08ng m

response 421946

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.98
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2384801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8699.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	150	
71-43-2	Benzene	25	
75-27-4	Bromodichloromethane	28	
75-25-2	Bromoform	24	
74-83-9	Bromomethane	20	
78-93-3	2-Butanone	150	
75-15-0	Carbon Disulfide	29	
56-23-5	Carbon Tetrachloride	29	
108-90-7	Chlorobenzene	24	
75-00-3	Chloroethane	26	
67-66-3	Chloroform	27	
74-87-3	Chloromethane	23	
110-82-7	Cyclohexane	30	
106-93-4	1,2-Dibromoethane	25	
124-48-1	Dibromochloromethane	26	
96-12-8	1,2-Dibromo-3-chloropropane	23	
95-50-1	1,2-Dichlorobenzene	25	
541-73-1	1,3-Dichlorobenzene	24	
106-46-7	1,4-Dichlorobenzene	24	
75-71-8	Dichlorodifluoromethane	23	
75-34-3	1,1-Dichloroethane	26	
107-06-2	1,2-Dichloroethane	28	
75-35-4	1,1-Dichloroethene	26	
156-59-2	cis-1,2-Dichloroethene	26	
156-60-5	trans-1,2-Dichloroethene	26	
78-87-5	1,2-Dichloropropane	25	
10061-01-5	cis-1,3-Dichloropropene	27	
10061-02-6	trans-1,3-Dichloropropene	25	
100-41-4	Ethylbenzene	24	
591-78-6	2-Hexanone	150	
98-82-8	Isopropylbenzene	22	
79-20-9	Methyl acetate	20	
108-87-2	Methylcyclohexane	28	
75-09-2	Methylene chloride	26	

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MSB69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2384801

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S8699.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/08/2008

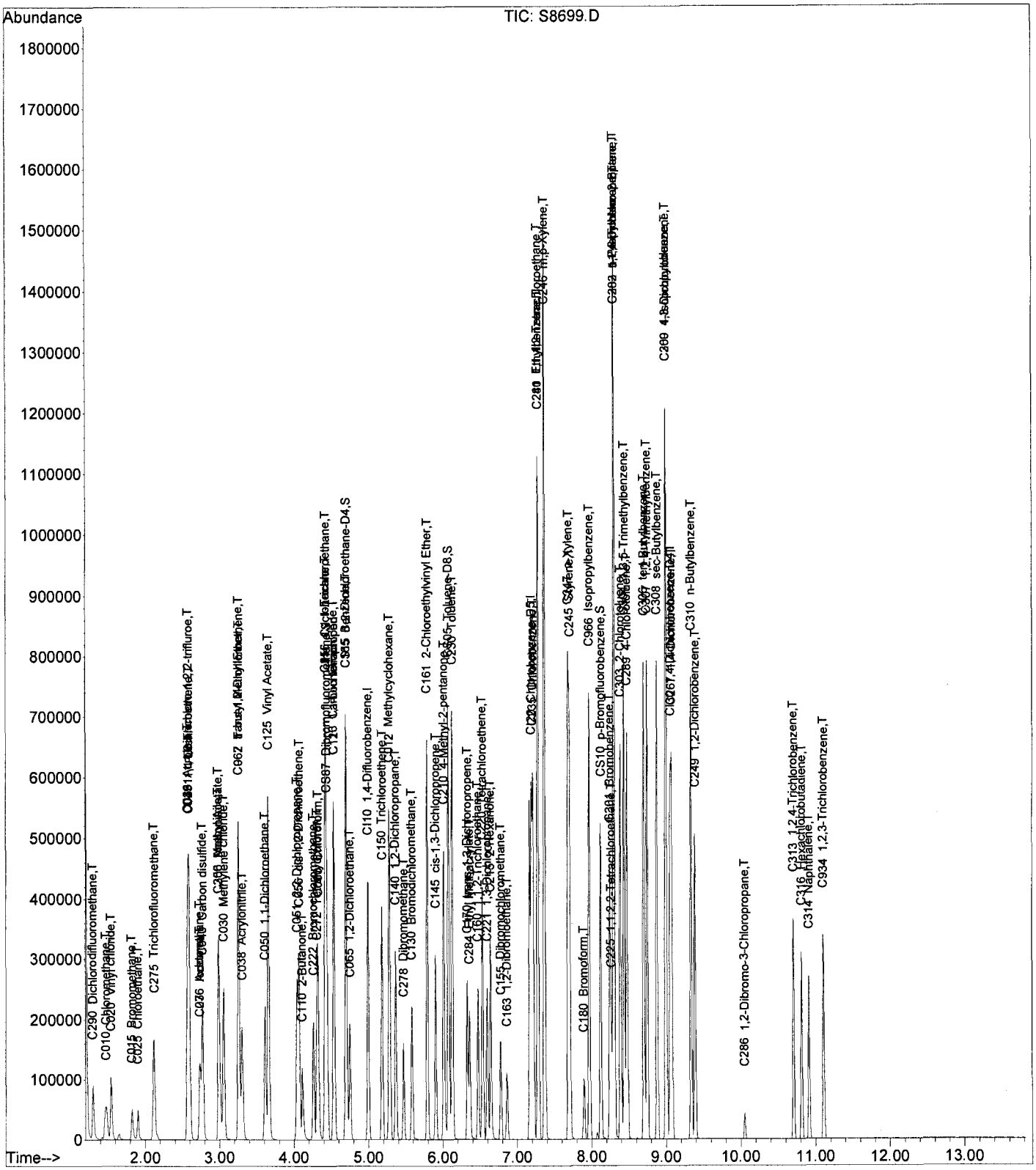
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	140	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	30	
100-42-5	Styrene	25	
79-34-5	1,1,2,2-Tetrachloroethane	25	
127-18-4	Tetrachloroethene	24	
108-88-3	Toluene	24	
120-82-1	1,2,4-Trichlorobenzene	26	
71-55-6	1,1,1-Trichloroethane	28	
79-00-5	1,1,2-Trichloroethane	24	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	30	
75-69-4	Trichlorofluoromethane	26	
79-01-6	Trichloroethene	26	
75-01-4	Vinyl chloride	23	
1330-20-7	Total Xylenes	72	

Data File : D:\MSDChem\S\Data\100808\S8699.D Vial: 3
Acq On : 8 Oct 2008 9:09 Operator: DHC
Sample : MSB (FULL) Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Oct 13 10:53:20 2008 Results File: A8I0000...IXPT.RES
Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Oct 13 10:53:09 2008
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\100808\S8699.D Vial: 3
Acq On : 8 Oct 2008 9:09 Operator: DHC
Sample : MSB (FULL) Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 13 10:53:20 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Oct 13 10:53:09 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

SXB MP 10/13/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	5.00	114	255501	125.00	ng	0.00 91.00%
43) CI20	Chlorobenzene-D5	7.19	82	145393	125.00	ng	0.00 94.83%
63) CI30	1,4-Dichlorobenzene-	9.06	152	119112	125.00	ng	0.00 92.50%
System Monitoring Compounds							
26) CS87	Dibromofluoromethane	4.44	111	90347	142.83	NG	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	114.26%	
31) CS15	1,2-Dichloroethane-D	4.69	65	111722	144.47	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	115.58%	
44) CS05	Toluene-D8	6.07	98	378274	126.04	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	100.83%	
62) CS10	p-Bromofluorobenzene	8.12	174	111574	135.57	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	108.46%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.30	85	78274	113.59	ng	# 100
3) C010	Chloromethane	1.48	50	93553	113.55	ng	98
4) C020	Vinyl chloride	1.54	62	96488	116.59	ng	87
5) C015	Bromomethane	1.82	94	30578	101.91	ng	82
6) C025	Chloroethane	1.90	64	30318	132.06	ng	91
7) C275	Trichlorofluorometha	2.12	101	138220	130.43	ng	99
8) C045	1,1-Dichloroethene	2.59	96	88331	129.63	ng	99
9) C030	Methylene chloride	3.06	84	96374	127.65	ng	89
10) C040	Carbon disulfide	2.77	76	265158	145.46	ng	98
11) C036	Acrolein	2.57	56	177480	2255.52	ng	97
12) C038	Acrylonitrile	3.30	53	116693	710.93	ng	92
13) C035	Acetone	2.73	43	84368	736.93	ng	96
14) C300	Acetonitrile	2.99	41	302032	5711.73	ng	99
15) C276	Iodomethane	2.74	142	86044	106.31	ng	93
16) C291	1,1,2-Trichloro-1,2,	2.58	101	94515	149.14	ng	94
17) C962	T-butyl Methyl Ether	3.26	73	212440	152.97	ng	95
18) C057	trans-1,2-Dichloroet	3.25	96	98750	130.89	ng	98
19) C255	Methyl Acetate	2.98	43	56308	102.91	ng	93
20) C050	1,1-Dichloroethane	3.61	63	171428	127.72	ng	97
21) C125	Vinyl Acetate	3.65	43	642650	825.36	ng	95
22) C051	2,2-Dichloropropane	4.04	77	133457	142.45	ng	96
23) C056	cis-1,2-Dichloroethe	4.07	96	101410	129.31	ng	98
24) C272	Tetrahydrofuran	4.30	42	74098	763.82	ng	83
25) C222	Bromochloromethane	4.26	128	40981	134.08	ng	98
27) C060	Chloroform	4.32	83	171444	134.51	ng	97
28) C115	1,1,1-Trichloroethan	4.42	97	163602	142.44	ng	97
29) C120	Carbon tetrachloride	4.53	117	138140	146.94	ng	96
30) C116	1,1-Dichloropropene	4.54	75	129067	131.27	ng	97
32) C165	Benzene	4.70	78	378616	124.80	ng	100
33) C065	1,2-Dichloroethane	4.75	62	125057	138.90	ng	96
34) C110	2-Butanone	4.11	43	118719	761.86	ng	88
35) C256	Cyclohexane	4.43	56	186693	148.24	ng	99
36) C150	Trichloroethene	5.18	95	101790	132.70	ng	86
37) C140	1,2-Dichloropropane	5.36	63	88873	125.73	ng	100
38) C278	Dibromomethane	5.47	93	45336	135.01	ng	92

@ 10.14.08

Data File : D:\MSDChem\S\Data\100808\S8699.D Vial: 3
Acq On : 8 Oct 2008 9:09 Operator: DHC
Sample : MSB (FULL) Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 13 10:53:20 2008 Results File: A8I0000...IXPT.RES

Quant Method : D:\MSDCHEM\S.....I0000712-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Mon Oct 13 10:53:09 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\100808\S8698.D (8 Oct 2008 8:37)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C130	Bromodichloromethane	5.58	83	117513	140.12	ng		97
40) C161	2-Chloroethylvinyl E	5.79	63	209280	702.51	ng		94
41) C012	Methylcyclohexane	5.28	83	172073	141.72	ng		96
42) C145	cis-1,3-Dichloroprop	5.90	75	134012	133.46	ng		97
45) C230	Toluene	6.13	92	247151	117.72	ng		96
46) C170	trans-1,3-Dichloropr	6.33	75	112158	123.67	ng		100
47) C284	Ethyl Methacrylate	6.36	69	82615	122.26	ng		90
48) C160	1,1,2-Trichloroethan	6.47	83	53053	121.22	ng		99
49) C210	4-Methyl-2-pentanone	6.01	43	248428	699.94	ng		88
50) C220	Tetrachloroethene	6.54	166	101757	120.48	ng		99
51) C221	1,3-Dichloropropane	6.60	76	115395	119.01	ng		99
52) C155	Dibromochloromethane	6.78	129	71341	130.41	ng		100
53) C163	1,2-Dibromoethane	6.86	107	59547	124.95	ng		99
54) C215	2-Hexanone	6.64	43	167399	732.46	ng		89
55) C235	Chlorobenzene	7.22	112	245053	117.50	ng		96
56) C281	1,1,1,2-Tetrachloroe	7.29	131	82494	124.99	ng		97
57) C240	Ethylbenzene	7.28	91	474586	122.97	ng		95
58) C246	m,p-Xylene	7.37	106	333170	239.60	ng		85
59) C247	o-Xylene	7.69	106	153969	121.81	ng		84
60) C245	Styrene	7.70	104	260186	126.15	ng		91
61) C180	Bromoform	7.90	173	38623	119.90	ng		94
64) C966	Isopropylbenzene	7.97	105	391727	111.48	ng		94
65) C301	Bromobenzene	8.25	156	94399	119.00	ng		87
66) C225	1,1,2,2-Tetrachloroe	8.27	83	69407	124.17	ng		99
67) C282	1,2,3-Trichloropropa	8.30	110	20180	119.67	ng		100
68) C283	t-1,4-Dichloro-2-But	8.30	51	67087	615.15	ng	#	47
69) C302	n-Propylbenzene	8.30	91	549288	120.11	ng		91
70) C303	2-Chlorotoluene	8.39	126	97146	120.56	ng		100
71) C289	4-Chlorotoluene	8.48	126	100571	120.79	ng		100
72) C304	1,3,5-Trimethylbenze	8.44	105	368108	123.51	ng		94
73) C306	tert-Butylbenzene	8.70	134	73975	122.32	ng	#	77
74) C307	1,2,4-Trimethylbenze	8.75	105	366562	125.94	ng		94
75) C308	sec-Butylbenzene	8.88	105	443007	132.10	ng		95
76) C260	1,3-Dichlorobenzene	9.00	146	185545	118.55	ng		96
77) C309	4-Isopropyltoluene	8.99	119	365528	122.07	ng		93
78) C267	1,4-Dichlorobenzene	9.08	146	189788	118.78	ng		96
79) C249	1,2-Dichlorobenzene	9.39	146	172901	124.17	ng		94
80) C310	n-Butylbenzene	9.34	91	340179	128.77	ng		93
81) C286	1,2-Dibromo-3-Chloro	10.05	75	10195	115.84	ng	#	71
82) C313	1,2,4-Trichlorobenze	10.71	180	96936	127.51	ng		99
83) C316	Hexachlorobutadiene	10.81	225	53094	119.63	ng		94
84) C314	Naphthalene	10.92	128	166900	113.91	ng		96
85) C934	1,2,3-Trichlorobenze	11.11	180	84642	132.71	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1680.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	57	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	29	
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	0.26	J
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	33	
156-59-2	cis-1,2-Dichloroethene	2.4	J
156-60-5	trans-1,2-Dichloroethene	0.41	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	0.62	J
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	0.61	J
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1680.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

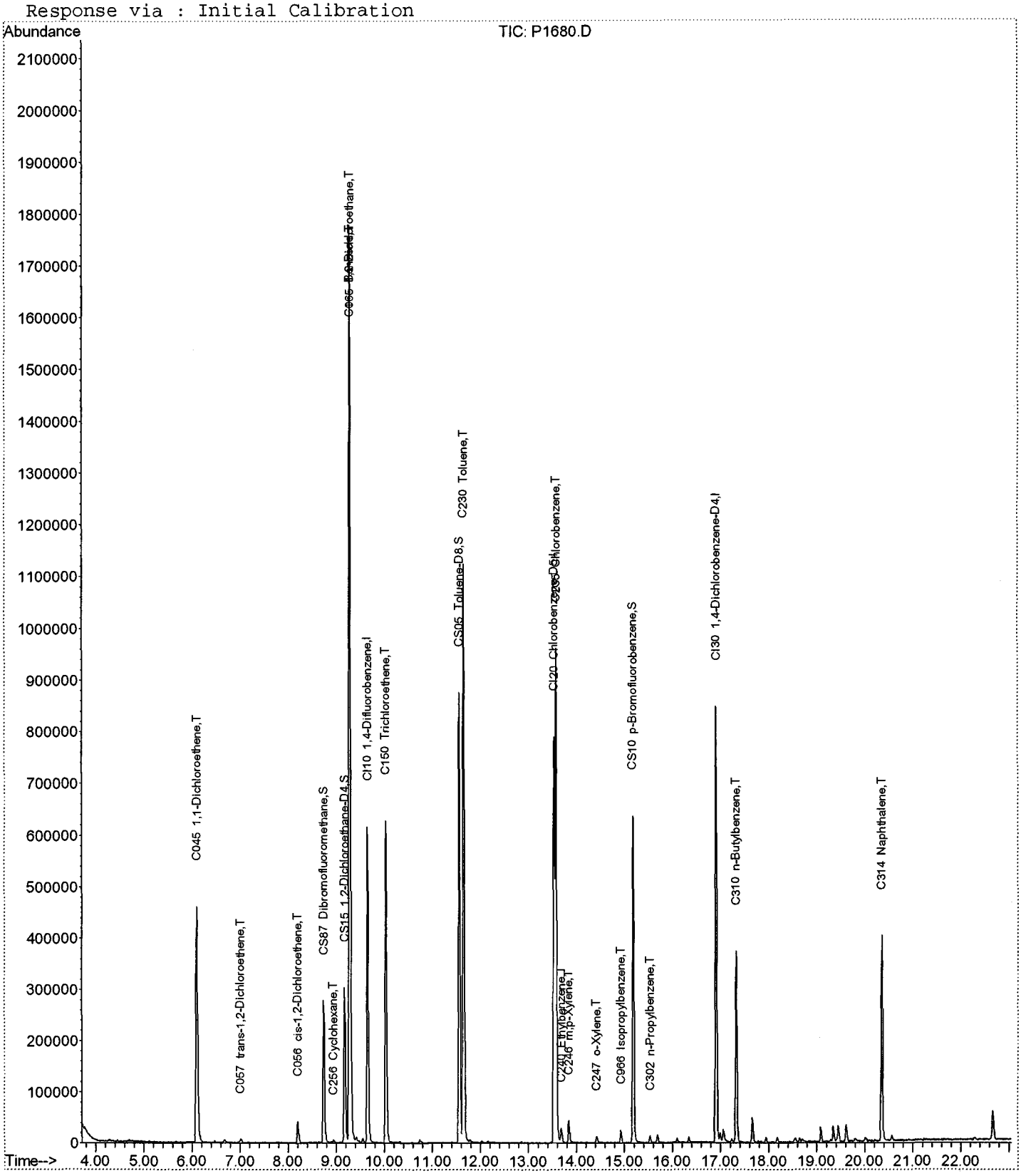
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	29	
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	31	
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	1.4	J

Data File : H:\GCMS_VOA\P\100208\P1680.D
Acq On : 3 Oct 2008 3:54
Sample : A8B65302MS
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:35 2008

Vial: 6
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration



Quantitation Report **665/3787**

Data File : H:\GCMS_VOA\P\100208\P1680.D Vial: 6
Acq On : 3 Oct 2008 3:54 Operator: CDC
Sample : A8B65302MS Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:23 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

SDE 10/3/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	572386	125.00	ng	0.00 90.86%
43) CI20	Chlorobenzene-D5	13.54	117	529551	125.00	ng	0.00 88.72%
62) CI30	1,4-Dichlorobenzene-	16.91	152	290569	125.00	ng	0.00 86.20%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	204314	146.70	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	117.36%		
31) CS15	1,2-Dichloroethane-D	9.18	65	272266	157.32	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	125.86%		
44) CS05	Toluene-D8	11.57	98	694629	134.24	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	107.39%		
61) CS10	p-Bromofluorobenzene	15.19	174	224315	134.90	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	107.92%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	4.14	50	123	N.D.		
4) C020	Vinyl chloride	4.36	62	954	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	6.10	96	253786	165.64	ng	95
9) C030	Methylene chloride	6.69	84	254	Below Cal	#	54
10) C040	Carbon disulfide	6.48	76	2049	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.11	43	1741	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	6.99	73	3089	N.D.		
18) C057	trans-1,2-Dichloroet	7.02	96	3472	2.07	ng	91
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	7.52	63	1465	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	8.20	96	22046	12.05	ng	90
24) C272	Tetrahydrofuran	8.57	42	874	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.28	78	1778864	286.48	ng	99

(#) = qualifier out of range (m) = manual integration

10.14.08

Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1680.D
Acq On : 3 Oct 2008 3:54
Sample : A8B65302MS
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:23 2008

Vial: 6
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.28	62	16190	6.79	ng	#	1
34)	C110	2-Butanone	0.00	43	0	N.D.			
35)	C256	Cyclohexane	8.96	56	3840	1.30	ng	#	72
36)	C150	Trichloroethene	10.04	95	254042	155.13	ng		89
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
38)	C278	Dibromomethane	0.00	93	0	N.D.			
39)	C130	Bromodichloromethane	0.00	83	0	N.D.			
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
41)	C012	Methylcycolhexane	10.32	83	1552	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	11.66	92	582689	145.74	ng		95
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	11.79	69	840	N.D.			
48)	C160	1,1,2-Trichloroethan	0.00	83	0	N.D.			
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	0.00	43	0	N.D.			
55)	C235	Chlorobenzene	13.59	112	641343	147.35	ng		93
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	13.70	91	22937	3.13	ng		94
58)	C246	m,p-Xylene	13.85	106	15238	5.57	ng		99
59)	C247	o-Xylene	14.43	106	4048	1.45	ng	#	87
60)	C245	Styrene	14.46	104	1676	N.D.			
63)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	14.93	105	21799	3.06	ng		88
65)	C301	Bromobenzene	0.00	156	0	N.D.			
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.			
69)	C302	n-Propylbenzene	15.54	91	15801	1.81	ng		80
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.			
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.			
72)	C304	1,3,5-Trimethylbenze	15.76	105	1422	N.D.			
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.			
74)	C307	1,2,4-Trimethylbenze	16.34	105	8080	N.D.			
75)	C308	sec-Butylbenzene	16.60	105	1292	N.D.			
76)	C260	1,3-Dichlorobenzene	16.94	146	255	N.D.			
77)	C309	4-Isopropyltoluene	16.79	119	752	N.D.			
78)	C267	1,4-Dichlorobenzene	16.94	146	255	N.D.			
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.			
80)	C310	n-Butylbenzene	17.33	91	40906	7.25	ng	#	54
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.			
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.			
84)	C314	Naphthalene	20.36	128	419645	47.88	ng		99
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.			

(#) = qualifier out of range (m) = manual integration

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1681.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	20	U
71-43-2	Benzene	57	
75-27-4	Bromodichloromethane	5.0	U
75-25-2	Bromoform	5.0	U
74-83-9	Bromomethane	5.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	10	U
56-23-5	Carbon Tetrachloride	5.0	U
108-90-7	Chlorobenzene	29	
75-00-3	Chloroethane	5.0	U
67-66-3	Chloroform	5.0	U
74-87-3	Chloromethane	5.0	U
110-82-7	Cyclohexane	0.27	J
106-93-4	1,2-Dibromoethane	5.0	U
124-48-1	Dibromochloromethane	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
75-71-8	Dichlorodifluoromethane	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
75-35-4	1,1-Dichloroethene	32	
156-59-2	cis-1,2-Dichloroethene	2.4	J
156-60-5	trans-1,2-Dichloroethene	0.35	J
78-87-5	1,2-Dichloropropane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
100-41-4	Ethylbenzene	0.63	J
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	0.58	J
79-20-9	Methyl acetate	10	U
108-87-2	Methylcyclohexane	10	U
75-09-2	Methylene chloride	5.0	U

METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: P1681.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/03/2008

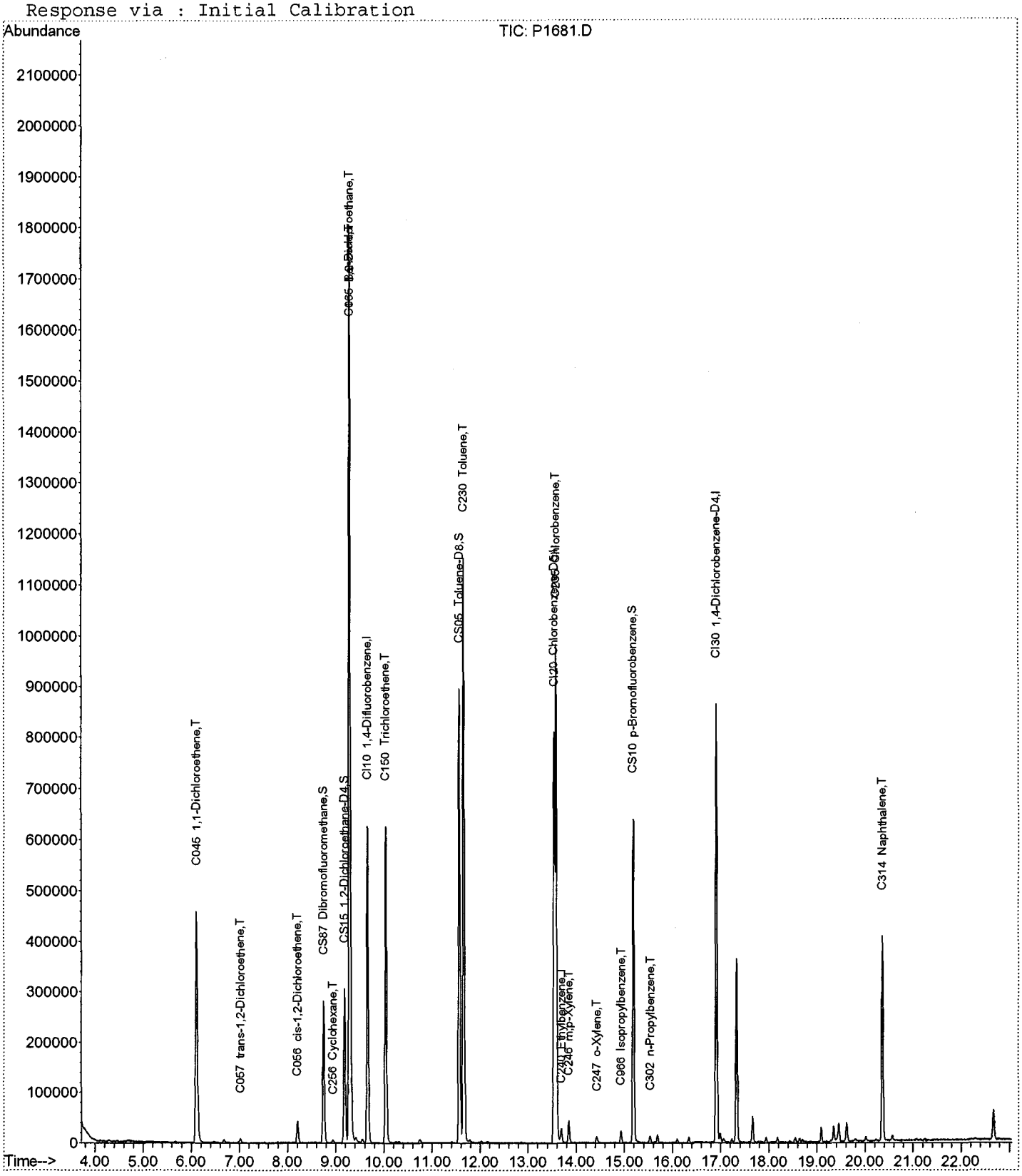
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0	U
100-42-5	Styrene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
108-88-3	Toluene	28	
120-82-1	1,2,4-Trichlorobenzene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
79-01-6	Trichloroethene	31	
75-01-4	Vinyl chloride	5.0	U
1330-20-7	Total Xylenes	1.4	J

Data File : H:\GCMS_VOA\P\100208\P1681.D Vial: 7
Acq On : 3 Oct 2008 4:22 Operator: CDC
Sample : A8B65302SD Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 3 9:35 2008 Quant Results File: A8I0000718.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1681.D Vial: 7
Acq On : 3 Oct 2008 4:22 Operator: CDC
Sample : A8B65302SD Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:28 2008 Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\100208\P1670.D (2 Oct 2008 22:38)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	9.66	114	584082	125.00	ng	0.01 92.72%
43) CI20	Chlorobenzene-D5	13.54	117	548887	125.00	ng	0.00 91.96%
62) CI30	1,4-Dichlorobenzene-	16.91	152	295159	125.00	ng	0.00 87.56%
System Monitoring Compounds							
30) CS87	Dibromofluoromethane	8.74	111	208136	146.45	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	117.16%		
31) CS15	1,2-Dichloroethane-D	9.18	65	276209	156.40	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery =	125.12%		
44) CS05	Toluene-D8	11.57	98	706457	131.72	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery =	105.38%		
61) CS10	p-Bromofluorobenzene	15.19	174	225749	130.98	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery =	104.78%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	4.38	62	1287	N.D.		
5) C015	Bromomethane	4.80	94	169	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluorometha	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	6.11	96	253252	161.98	ng	96
9) C030	Methylene chloride	6.68	84	1027	Below Cal	#	59
10) C040	Carbon disulfide	6.47	76	1519	N.D.		
11) C036	Acrolein	6.01	56	111	N.D.		
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C035	Acetone	6.13	43	3287	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2 Trichloro-1,2,	6.12	101	133	N.D.		
17) C962	T-butyl Methyl Ether	6.99	73	3135	N.D.		
18) C057	trans-1,2-Dichloroet	7.03	96	3012	1.76 ng	#	86
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	7.53	63	1770	N.D.		
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	8.21	96	22416	12.00 ng	#	83
24) C272	Tetrahydrofuran	8.57	42	1508	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	0.00	83	0	N.D.		
27) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120	Carbon tetrachloride	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165	Benzene	9.28	78	1796044	283.46 ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\100208\P1681.D
Acq On : 3 Oct 2008 4:22
Sample : A8B65302SD
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 03 09:37:28 2008

Vial: 7
Operator: CDC
Inst : HP5973 P
Multiplr: 1.00
Quant Results File: A8I0000718.RES

Quant Method : C:\MSDCHEM\1...\A8I0000718.M (RTE Integrator)
Title : 8260 5ML
Last Update : Fri Oct 03 09:36:31 2008
Response via : Initial Calibration
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
33)	C065	1,2-Dichloroethane	9.29	62	16078	6.61	ng	#	1
34)	C110	2-Butanone	8.20	43	181	N.D.			
35)	C256	Cyclohexane	8.94	56	4078	1.35	ng	#	59
36)	C150	Trichloroethene	10.04	95	258967	154.97	ng		97
37)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
38)	C278	Dibromomethane	0.00	93	0	N.D.			
39)	C130	Bromodichloromethane	0.00	83	0	N.D.			
40)	C161	2-Chloroethylvinyl E	0.00	63	0	N.D.			
41)	C012	Methylcycolhexane	10.32	83	1609	N.D.			
42)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
45)	C230	Toluene	11.66	92	586655	141.56	ng		95
46)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
47)	C284	Ethyl Methacrylate	11.80	69	313	N.D.			
48)	C160	1,1,2-Trichloroethan	12.02	83	118	N.D.			
49)	C210	4-Methyl-2-pentanone	0.00	43	0	N.D.			
50)	C220	Tetrachloroethene	0.00	166	0	N.D.			
51)	C221	1,3-Dichloropropane	0.00	76	0	N.D.			
52)	C155	Dibromochloromethane	0.00	129	0	N.D.			
53)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
54)	C215	2-Hexanone	0.00	43	0	N.D.			
55)	C235	Chlorobenzene	13.59	112	654864	145.16	ng		93
56)	C281	1,1,1,2-Tetrachloroe	0.00	131	0	N.D.			
57)	C240	Ethylbenzene	13.68	91	23930	3.15	ng		95
58)	C246	m,p-Xylene	13.84	106	15403	5.43	ng		94
59)	C247	o-Xylene	14.43	106	4507	1.55	ng	#	58
60)	C245	Styrene	14.44	104	1409	N.D.			
63)	C180	Bromoform	0.00	173	0	N.D.			
64)	C966	Isopropylbenzene	14.93	105	21147	2.92	ng		97
65)	C301	Bromobenzene	0.00	156	0	N.D.			
66)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
67)	C282	1,2,3-Trichloropropa	0.00	110	0	N.D.			
68)	C283	t-1,4-Dichloro-2-But	0.00	89	0	N.D.			
69)	C302	n-Propylbenzene	15.54	91	16706	1.88	ng		92
70)	C303	2-Chlorotoluene	0.00	126	0	N.D.			
71)	C289	4-Chlorotoluene	0.00	126	0	N.D.			
72)	C304	1,3,5-Trimethylbenze	15.76	105	1355	N.D.			
73)	C306	tert-Butylbenzene	0.00	134	0	N.D.			
74)	C307	1,2,4-Trimethylbenze	16.34	105	8828	N.D.			
75)	C308	sec-Butylbenzene	16.60	105	1301	N.D.			
76)	C260	1,3-Dichlorobenzene	16.93	146	121	N.D.			
77)	C309	4-Isopropyltoluene	16.79	119	640	N.D.			
78)	C267	1,4-Dichlorobenzene	16.96	146	128	N.D.			
79)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.			
80)	C310	n-Butylbenzene	17.39	91	1283	N.D.			
81)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.			
82)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.			
83)	C316	Hexachlorobutadiene	0.00	225	0	N.D.			
84)	C314	Naphthalene	20.36	128	422561	47.47	ng		100
85)	C934	1,2,3-Trichlorobenze	0.00	180	0	N.D.			

(#) = qualifier out of range (m) = manual integration

GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-009

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/7/08	1109	DHC	G 08 08	A8C162 04 DL	C162	5ml	7	20
⊥	1150	⊥	G0109	A8C152 03 DL	C152	⊥	⊥	2
10/7/08	(NC)	DHC	G0110	1007BFBG2	QC	1ml	7	—
			G0111	VSTD001 (NC)		5ml		—
			G0112	VSTD001				—
			G0113	VSTD005				—
			G0114	VSTD010				—
			G0115	VSTD025				—
			G0116	VSTD050				—
			G0117	VSTD100		⊥	⊥	—
				~~1008 BFBS1~~				
				~~VSTD025~~				
				MSB (CE II)				
				ADD025				
				~~IBLK~~				
				~~VBLK~~				
10/8/08	1656	ND	G0118	1008BFBG1	QC	1ml	7	—
	—		G0119	VSTD001 (NA)		5ml		—
	1746		G0120	VSTD001				—
	1809		G0121	VSTD005				—
	1832		G0122	VSTD010				—
	1855		G0123	VSTD025				—
	1918		G0124	VSTD050				—
	1941	⊥	G0125	VSTD100		⊥	⊥	—
	2007		G0126	IBLK		5mL	7	7
	2030		G0127	SSCAL				
	2053		G0128	ADD025			⊥	
	2116		G0129	MSBML 10/1			3.99	
	2139		G0130	VBLK ML 10/1			4.17	
	2211		G0131	VBLK66			7	⊥
	2234		G0132	A8B794 01DL	B794			20
	2257		G0133	07DL	⊥		⊥	2
	2320		G0134	A8B867 14ML	B867		4.08	1
	2344		G0135	IBLK	IBLK		7	1
10/9/08	0006		G0136	A8B801 01	B801			1
	0029		G0137	07DL	⊥			5
	0053		G0138	A8B803 01	B803			
	0116	⊥	G0139	02	⊥	⊥	⊥	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-009

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
⊥	ISS6F/6F			
WS1AI4				PASS
WS6AN10, WS12AM5, WS13BR2, 80900333-17	ISS6GT/BK			(NC) 001-010 low throughout. Source cleaned by CDC. 8260 (A8I ...)
				Not used – DHC
WS1AI4				PASS
WS6AN10, WS12AM5, WS13BS-1	ISS10GT/BK			(A8I ..0745) 8260
	ISS10AT/BK			
WS19BE-7, WS19BE-4				
WS5AL-7, WS5AM-5				ADD (A8I .. 0669)
WS3AJ-6	1 BD			
	1 BD		~7	
	1 BD			

GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-008

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/1/08	2226	MF	J1747	AB8773@2DL	B773	25mL	—	20
10/2/08	1026	MF	J1748	1002BFBJ1	QC	1uL	—	—
	1051		J1749	VSTD 00.2		25mL		
	1120		J1750	LFB				
	1140		J1751	VBLK69 not used				
	1201		J1752	VBLK 70				
	1221		J1753	AB B958 01	B958			1
	1242		J1754	02				1
	1302		J1755	03				1
	1322		J1756	04				1
	1342		J1757	05				1
	1402		J1758	06				1
1413	1423		J1759	07				1
1442	1502		J1760	08				1
15 12	1522		J1761	09				1
15 37	1547		J1762	10				1
16 04	1614		J1763	11				1
16 14	1624		J1764	12				1
	1634		J1765	13				1
10/3/08	1343	LH/MF	J1766	1003BFBJ1	QC	1uL		
	—		J1767	VSTD 001 not used	JCAL	5mL		
	1432		J1768	VSTD 001				
	—		J1769	VSTD 005 not used				
	1519		J1770	VSTD 010				
	1543		J1771	VSTD 025				
	1607		J1772	VSTD 050				
	1630		J1773	VSTD 100				
	—		J1774	1BLK	—	—	—	—
10/3/08	1724	CDV/MF	J1775	1003BFBJ2	QC	1uL	—	1
	1749		J1776	VSTD025		5mL		
	1837		J1777	MSB/SSCAL				
	1901		J1778	MSB IMC 10/03				
	1924		J1779	VBLK IMC 10/03				
	1948		J1780	VBLK 71				
			J1781	AB B76301	B763			1
			J1782	02				1
			J1783	03				1
			J1784	04				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
—	ISS46	Y		autoclave 12 hr
WS1 AI-5	—		—	Pass
WS12 AM-9, WS13 BQ-3, WS5 AL-4			—	AB I...0713 Sim 25mL
WS19 BC-7			—	
			—	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
WS1 AI-5	ISS10GV/6J		—	
WS6 AN-15, WS12 AM-4, WS13 BR-3				AB I...0734 8260 5mL
WS1 AI-5	ISS10GV/6J			
WS6 AN-15, WS12 AM-4, WS13 BR-3				AB I...0734 8260 5mL
WS19 BD-10, WS19 BE-2				

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-008

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/1/08	2226	MF	J1747	AB877302DL	B773	25mL	—	20
10/2/08	1026	MF	J1748	1002BFBJ1	QC	1uL	—	—
	1051		J1749	VSTD00.2		25mL		
	1120		J1750	LFB				
	1140		J1751	VBLK109 not used				
	1201		J1752	VBLK70				
	1226		J1753	AB B958 01	B958			
	1250		J1754	02				
	1314		J1755	03				
	1341		J1756	04				
	1407		J1757	05				
	1432		J1758	06				
1457	1457		J1759	07				
1502	1502		J1760	08				
1528	1527		J1761	09				
1553	1554		J1762	10				
1619	1619		J1763	11				
1644	1644		J1764	12				
	1714		J1765	13				
10/3/08	1343	LH/MF	J1766	1003BFBJ1	QC	1uL		
	—		J1767	VSTD001 not used	ICAL	5mL		
	1432		J1768	VSTD001				
	—		J1769	VSTD005 not used				
	1519		J1770	VSTD010				
	1543		J1771	VSTD025				
	1607		J1772	VSTD050				
	1630		J1773	VSTD100				
	—		J1774	IBLK	—	—	—	—
10/3/08	1724	MF/MF	J1775	1003BFBJ2	QC	1uL	—	—
	1749		J1776	VSTD025		5mL		
	1837		J1777	MSB/SSCAL				
	1901		J1778	MSD mL 10/03				
	1924		J1779	VBLK mL 10/03				
	1948		J1780	VBLK71				
	2030		J1781	AB B76301	B763			
	2054		J1782	02				
	2118		J1783	03				
	2141		J1784	04				

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-09

STD #	IS/SS MIX #	Rerun?	pH <2	Comments
—	ISS46	Y		autosep 12 hr
WS1 AI-5			—	load
WS12 AM-9, WS13 BQ-3, WS5 AL-4			—	ABI...0713 SIM 25mL
WS19 BC-7			—	
			—	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
WS1 AI-5	ISS10GV/65		—	
WS6 AN-15, WS12 AM-4, WS13 BE-3				
				ABI...0734 8260 5mL
WS1 AI-5	ISS10GV/65			
WS6 AN-15, WS12 AM-4, WS13 BE-3				ABI...0734 8260 5mL
WS19 BD-10, WS19 BE-2				
			—	
			✓	
			✓	
			✓	
			✓	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-008

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/3/08	2205	CDC/mc	J1785	AB376305	B763	5mL	T	1
	2229		J1786	06				1
	2252		J1787	07				1
	2316		J1788	08				1
	2339		J1789	09				1
10/4/08	0003		J1790	10				1
	0027		J1791	11				1
	0051		J1792	AB368301 F	B683			40
	0114		J1793	02	⊥			1
	~~0248~~ 0238		J1794	AB372701	B727			1
	~~0312~~ 0302		J1795	02	⊥			1
	~~0336~~ 0325		J1796	03	⊥			1
	~~0359~~ 0349		J1797	AB371301	B713			1
	~~0423~~ 0413		J1798	02	⊥			1
	0336		J1799	03				1
	0359		J1800	04				1
	0423		J1801	05	⊥		⊥	1
	0447		J1802	AB365403 ML	B654			5
	0511		J1803	14 ML DL	⊥			5
	0535		J1804	IBLK	—		T	—
	0559		J1805	I BLK	—			—
	0622		J1806	I BLK	—			—
⊥	0646	⊥	J1807	I BLK	—			—
⊥	0710	⊥	J1808	I BLK	—	⊥	⊥	—

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	IS/SS 10BV/15T		✓	
	⊥		✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			7	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			T	le prep not needed
			⊥	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/25/08	0326	CDL	P1421	A8R711 05	8811	5mL	1	1
	0344		P1422	06				1
	0421		P1423	07				1
	0449		P1424	08				1
	0517		P1425	09				1
	0544		P1426	10				1
	0612		P1427	11				1
	0640		P1428	12				1
	0707		P1429	13				1
9/26/08	1214	LH	P1430	0926B5B1	A8J1	5mL	1	1
	—		P1431	VSTD021				
	1331		P1432	VSTD001				
	1359		P1433	VSTD010				
	1427		P1434	VSTD025				
	1454		P1435	VSTD050				
	1522		P1436	VSTD100				
	—		P1437	0926B5MB1	RC	1mL	1	1
9/26/08	1713	CDL	P1438	LSTD025		5mL		
	1738		P1439	ADD025				
	1809		P1440	MSB / SSCALCHK				
	1837		P1441	V5LK88				
	1904		P1442	L5LK89				
	1932		P1443	A8R68901 FOAM	R689			25
			P1444	02				1
			P1445	03				1
			P1446	04				1
			P1447	05				1
			P1448	06				1
			P1449	07 FOAM				25
			P1450	08				1
			P1451	09				1
			P1452	10				1
			P1453	11				1
			P1454	12				1
			P1455	A8J43701	J3437			1
			P1456	CLMS				1
			P1457	CLBS				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	IS1006F/AV		X	
			X	
			X	
			X	
			X	
			—	
			X	
			X	
			X	
WS1AI-1	IS1006P/BE		—	PASS
WS6AN-12 WS12AM-6 WS13BP-4			—	8260 (A8E...071B)
WS1AI-1	—		—	PASS
WS6AN-12 WS12AM-6 WS13BP-4	IS1006P/BE		—	8260 (A8E-071B)
WS5AL-1 WS5AM-3			—	420 (A8E-743)
WS19TD-5 WS19TC-16			—	
			—	
			—	
WS3AK-2				

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/2/08	1312	LH	P1648	A8B582_08 (E)	B582	5mL	7	5
	1346		P1649	A8B48 04 TRIP	B48			10
	1408		P1650	A8B420 11	B420			10
	1436		P1651	12	〃			10
	1503		P1652	A8B724 01	B724			1
	1531		P1653	02				1
	1559		P1654	03				1
	1627		P1655	04				1
	1655		P1656	05				1
	1722		P1657	06				1
	1750		P1658	07				1
	1818		P1659	08				1
	1841		P1660	09 (B)				10
	1914		P1661	10 (E)				5
	1942		P1662	11				1
	2010		P1663	12				1
	2037		P1664	13				1
	2105		P1665	14				1
	2133		P1666	15				1
	—		P1667	16				1
〃	—	〃	P1668	17	〃	〃	〃	1
10/3/08	2214	CW	P1669	ICCalSTD2	BC	1mL		
	2238		P1670	ISTD005		5mL		
	2331		P1671	ADD005				
〃	2358		P1672	MSS				
10/4/08	0026		P1673	VBLK03 CW				
	0054		P1674	LBLK04				1
	0135		P1675	A8B724 15 B	B724			1
	0203		P1676	16	〃			1
	0231		P1677	17	〃			1
	0259		P1678	A8B658 01	B658			1
	0327		P1679	02				1
	0355		P1680	CCal1				1
	0422		P1681	CCal0				1
	0450		P1682	03				1
	0518		P1683	04				1
	0545		P1684	A8B658 04 Foam	B658			10
	0613	〃	P1685	〃 05 Foam	〃	〃	〃	8

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-02

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISSLOAP/BH		✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
			—	not run - H leak
〃	〃		—	〃 CAL 10/4/08
WSTAT-1	—		—	PASS
WSGAN-14 WSNAM-6 WSTBR-1	ISSLOGP/BH		—	Calc (ABE-0718)
WSSAM-6 WSSAL-6			—	ADD (ABE-0411)
WSTBE-6 WSSTD-10			—	
			—	NA
			✓	
			✓	
			✓	
			✓	
			✓	
			✓	
WSTAK-6			✓	
			✓	
			✓	
			✓	
			✓	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
9/25/08	0440	ND	S8255	A8B323 02	B323	5uL	7	1
	0504		S8256	01				1
	0528		S8257	A8B313 10	B313			1
	0552		S8258	A8B405 01	B405			10
	0617		S8259	03 (F)				4
	0641		S8260	05				1
	0705		S8261	07				1
	0729		S8262	09				1
	0753		S8263	11				1
	0817		S8264	01 MS				10
	0842		S8265	01 SD				10
9/25/08	1955	ND	S8266	0925BFBS1	QC	1uL	7	7
			S8267	VSTD025 (NA)		5uL		
			S8268	VSTD025 (NA)				
			S8269	ADD025				
			S8270	IBLK				
			S8271	VSTD001				
09/26/08	0016		S8272	VSTD001				
	0039		S8273	VSTD005				
	0103		S8274	VSTD010				
	0127		S8275	VSTD025				
	0151		S8276	VSTD050				
	0215		S8277	VSTD100				
			S8278	IBLK				
9/26/08	0919	JHC	S 8279	0926BFBS1	QC	1uL		
	0940		S 8280	VSTD025		5uL		
	1013		S 8281	MSD (FULL)				
	1037		S 8282	ADD025				
	1101		S 8283	IBLK				
	1125		S 8284	VBLK55				
	1155		S 8285	A8B477 01	B477			1
	1219		S 8286	02				1
	1243		S 8287	03				1
	1308		S 8288	04				1
	1332		S 8289	A8B532 01	B532			1
	1356		S 8290	02				1
	1420		S 8291	03				1
	1444		S 8292	04				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	IS10GQ/AY		X	
			X	
		Y	X	SURROG
			X	
			X	
			X	
			X	
			X	
WS19BC-9, WS19BD-8			—	
WS1AH-4			—	PASS
	IS10GQ/BF		—	(NA) gases low
			—	(NA) chloroform out
			—	NOT USING ADD
WS6AN-13, WS12AM-8, WS13BP-8			—	
			—	8260
			—	(A8I...712
WS1AH4			—	
WS6AN13 WS12AM8 WS13BP8	IS10GQ/BF		—	PASS
WS19BD8, WS19BC9	IS10GQ/BF		—	8260 (A8I...712)
WS5AL5, WS5AM4, WS115153, WS114153			—	ADD (A8I...585)
			—	
			—	
			/	
			/	
			/	
			/	
			/	
			/	
			/	
			/	

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/7/08	1118	JHC	S 8672	IBLK	QC	—	—	—
	1142		S 8673	VBLK68	1	5ml		—
	1226		S 8674	A8B706 02 DL	B706			10
	1250		S 8675	A8B789 10	B789			1
	1314		S 8676	11				1
	1338		S 8677	12				1
	1403		S 8678	06				1
	1427		S 8679	07				1
	1451		S 8680	08				1
	1515		S 8681	09				1
	1539		S 8682	A8B868 06 ML DL	B868		4.24	20
	1603		S 8683	11			4.00	2000
	1627		S 8684	13 ML			4.19	5
	1652		S 8685	14			4.00	1
	1716		S 8686	A8B706 01 DL	B706			1000
	1740		S 8687	A8B763 10 DL (HS)	B763			20
	1804		S 8688	A8B784 01 (F)	B784			50
	1828		S 8689	A8B762 01	B762			1
	1853		S 8690	02				1
	1917		S 8691	03				1
	1941		S 8692	04				4
	2005		S 8693	05				1
	2029		S 8694	06				1
	2053		S 8695	07				1
	2118		S 8696	08				1
10/8/08	0815	JHC	S 8697	IDO8BF@SI	QC	1ml	—	—
	0837		S 8698	VSTD025		5ml		—
	0909		S 8699	MSD (FULL)				—
	0933		S 8700	ADD025				—
	0957		S 8701	IBLK				—
	1021		S 8702	VBLK69				—
	1045		S 8703	MSB ML 9/26	(8810)		4.21	1
	1110		S 8704	VBLK ML 9/26	1		4.09	1
	1134		S 8705	MSB ML 10/1	(8795)		3.78	1
	1158		S 8706	VBLK ML 10/1	1		4.25	1
	1222		S 8707	A8C231 01	C231			1
	1246		S 8708	A8C126 01	C126			1
	1311		S 8709	A8C214 01 DF=10 ZLD	C214			10

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	IS10GQ/BF			
WS1AI4				PASS
WS6AN10, WS6AN5, WS12AM15, WS13AM5, WS19BE4, WS19BF7	IS10GQ/BF			8260 (A8I..712)
WS5AL7, WS5AM5, WS115-15-3, WS114-15-3				ADD (A8I..585)
WS3AJ-6	/B01			
WS3AJ-6	/B02			

(HS) due to Dis. vol.

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
10/8/08	1335	JMC	S 8710	Z-1964 (CON) TCLP	CJH	5ml	T	10
	1359		S 8711	AB B794 01	B794			1
	1423		S 8712	02				1
	1447		S 8713	03				1
	1512		S 8714	04				1
	1536		S 8715	05				1
	1600		S 8716	06				1
	1624		S 8717	07				1
	1648		S 8718	09				1
	1713		S 8719	AB B801 01	B801			1
	1737		S 8720	02				1
	1801		S 8721	03				1
	1825		S 8722	AB B795 07 ML DL	B795		4.02	1
	1849		S 8723	AB B810 01 ML	B810		5.13	2
	1914		S 8724	02			5.10	2
	1938		S 8725	04			5.49	2
	2002		S 8726	05			4.46	2

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GC/MS VOLATILE INJECTION LOG

Logbook # A08-04-16

STD #	IS/SS MIX #	ReRun	pH <2	Comments
	ISSWGQ/8F		—	
		Y	X	DL x20
			X	
			X	
			X	
			X	
			X	
		Y	X	DL x2
			X	
		Y	X	C.O.
			X	
			X	
	/B02		—	
	/B01	1	—	
			—	
			—	
			—	

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8270 Semivolatiles

QC Summary

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

	Client Sample ID	Lab Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	EB-092208	A8B65303	42		64		72		30		88		54				0
2	EB-092308	A8B72702	37		64		65		29		74		54				0
3	EB-092408	A8B79406	36		65		75		27		92		51				0
4	FD-092408	A8B79404	38		68		75		29		97		40				0
5	MW-1	A8B65301	41		72		77		24		88		47				0
6	MW-2	A8B65302	38		70		73		23		85		42				0
7	MW-2	A8B65302MS	37		76		76		23		85		41				0
8	MW-2	A8B65302SD	37		73		73		23		84		40				0
9	MW-3	A8B79407	33		62		68		26		93		53				0
10	MW-4	A8B79402	39		63		73		30		77		43				0
11	MW-5	A8B72701	44		61		66		35		80		44				0
12	MW-6	A8B79403	39		66		76		30		94		41				0
13	MW-8	A8B79405	35		61		68		27		92		38				0
14	MW-9	A8B79401	40		66		80		30		97		48				0
15	SBLK56	A8B2301502	41		61		66		33		80		56				0
16	SBLK60	A8B2292802	33		59		66		21		84		55				0
17	SBLK69	A8B2324803	34		58		66		26		93		52				0
18	SMBS69	A8B2324801	38		61		74		28		90		48				0
19	SMSB56	A8B2301501	39		67		71		32		84		57				0
20	SMSB60	A8B2292801	28		69		64		18		80		46				0
21	SMSBD69	A8B2324802	33		56		66		27		77		50				0

			QC LIMITS
2FP	=	2-Fluorophenol	(20-120)
FBP	=	2-Fluorobiphenyl	(48-120)
NBZ	=	Nitrobenzene-D5	(46-120)
PHL	=	Phenol-D5	(16-120)
TBP	=	2,4,6-Tribromophenol	(52-132)
TPH	=	p-Terphenyl-d14	(24-136)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2301502

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: SBLK56

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	100	37.0	37	17 - 120
2-Chlorophenol	100	69.8	70	47 - 120
N-Nitroso-Di-n-propyl(1)	100	91.5	92	51 - 120
4-Chloro-3-methylphenol	100	93.7	94	64 - 120
Acenaphthene	100	82.6	83	60 - 120
4-Nitrophenol	100	33.8	34	16 - 120
2,4-Dinitrotoluene	100	98.5	98	58 - 125
Pentachlorophenol	100	100	101	39 - 136
Pyrene	100	89.0	89	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2292802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: SBLK60

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
Phenol	100	23.5	24		17 - 120
2-Chlorophenol	100	50.5	50		47 - 120
N-Nitroso-Di-n-propyl(1)	100	60.0	60		51 - 120
4-Chloro-3-methylphenol	100	58.8	59	*	64 - 120
Acenaphthene	100	70.5	70		60 - 120
4-Nitrophenol	100	30.2	30		16 - 120
2,4-Dinitrotoluene	100	85.0	85		58 - 125
Pentachlorophenol	100	69.8	70		39 - 136
Pyrene	100	62.8	63		58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 1 out of 9 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B2324803

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: SBLK69

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
Phenol	100	31.8	32		17 - 120
2-Chlorophenol	100	64.6	65		47 - 120
N-Nitroso-Di-n-propyl(1)	100	82.1	82		51 - 120
4-Chloro-3-methylphenol	100	87.3	87		64 - 120
Acenaphthene	100	73.4	73		60 - 120
4-Nitrophenol	100	43.7	44		16 - 120
2,4-Dinitrotoluene	100	93.7	94		58 - 125
Pentachlorophenol	100	118	118		39 - 136
Pyrene	100	69.6	70		58 - 136

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	100	29.6	30		6		39	17 - 120
2-Chlorophenol	100	57.0	57		13		33	47 - 120
N-Nitroso-Di-n-propylami	100	74.9	75		9		38	51 - 120
4-Chloro-3-methylphenol	100	81.2	81		7		25	64 - 120
Acenaphthene	100	66.2	66		10		23	60 - 120
4-Nitrophenol	100	37.3	37		17		30	16 - 120
2,4-Dinitrotoluene	100	80.4	80		16		20	58 - 125
Pentachlorophenol	100	88.5	88		29	*	27	39 - 136
Pyrene	100	71.1	71		1		25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 9 outside limits
Spike recovery: 0 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Lab Samp ID: A8B65302

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix Spike - Client Sample No.: MW-2

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC	#	QC LIMITS REC.
Phenol	105	0	24.5	23		17 - 120
2-Chlorophenol	105	0	62.4	59		47 - 120
N-Nitroso-Di-n-propyl(1)	105	0	71.3	68		51 - 120
4-Chloro-3-methylphenol	105	0	85.5	81		64 - 120
Acenaphthene	105	0.54	88.2	83		60 - 120
4-Nitrophenol	105	0	5.2	5	*	16 - 120
2,4-Dinitrotoluene	105	0	99.4	94		58 - 125
Pentachlorophenol	105	0	31.2	30	*	39 - 136
Pyrene	105	0.49	65.1	61		58 - 136

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	104	24.7	24		4		39	17 - 120
2-Chlorophenol	104	60.4	58		2		33	47 - 120
N-Nitroso-Di-n-propyl(1)	104	66.8	64		6		38	51 - 120
4-Chloro-3-methylphenol	104	79.5	76		6		25	64 - 120
Acenaphthene	104	83.6	80		4		23	60 - 120
4-Nitrophenol	104	5.3	5	*	0		30	16 - 120
2,4-Dinitrotoluene	104	98.2	94		0		20	58 - 125
Pentachlorophenol	104	28.6	28	*	7		27	39 - 136
Pyrene	104	62.5	60		2		25	58 - 136

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 4 out of 18 outside limits

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: U30747.RR Lab Sample ID: A8B2301502

Instrument ID: HP5973U Date Extracted: 09/26/2008

Matrix: (soil/water) WATER Date Analyzed: 09/29/2008

Level: (low/med) LOW Time Analyzed: 18:38

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB-092308	A8B72702	U30785.RR	09/30/2008
2	MW-5	A8B72701	U30784.RR	09/30/2008
3	SMSB56	A8B2301501	U30746.RR	09/29/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26806.RR Lab Sample ID: A8B2292802

Instrument ID: HP5973X Date Extracted: 09/25/2008

Matrix: (soil/water) WATER Date Analyzed: 09/26/2008

Level: (low/med) LOW Time Analyzed: 12:38

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB-092208	A8B65303	X26879.RR	10/01/2008
2	MW-1	A8B65301	X26824.RR	09/26/2008
3	MW-2	A8B65302	X26825.RR	09/26/2008
4	MW-2	A8B65302MS	X26826.RR	09/26/2008
5	MW-2	A8B65302SD	X26827.RR	09/26/2008
6	SMSB60	A8B2292801	X26805.RR	09/26/2008

Comments: _____

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.: SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26938.RR Lab Sample ID: A8B2324803

Instrument ID: HP5973X Date Extracted: 09/30/2008

Matrix: (soil/water) WATER Date Analyzed: 10/02/2008

Level: (low/med) LOW Time Analyzed: 19:57

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	EB-092408	A8B79406	X26924.RR	10/02/2008
2	FD-092408	A8B79404	X26922.RR	10/02/2008
3	MW-3	A8B79407	X26925.RR	10/02/2008
4	MW-4	A8B79402	X26920.RR	10/02/2008
5	MW-6	A8B79403	X26921.RR	10/02/2008
6	MW-8	A8B79405	X26923.RR	10/02/2008
7	MW-9	A8B79401	X26919.RR	10/02/2008
8	SMBS69	A8B2324801	X26937.RR	10/02/2008
9	SMSBD69	A8B2324802	X26915.RR	10/02/2008

Comments: _____

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002325

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: U29776 DFTPP Injection Date: 08/11/2008

Instrument ID: HP5973U DFTPP Injection Time: 08:40

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	42.2		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	43.3		
70	Less than 2.0% of mass 69	0.3	(0.7)	1
127	40.0 - 60.0% of mass 198	54.0		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.8		
275	10.0 - 30.0% of mass 198	25.5		
365	Greater than 1.00% of mass 198	4.0		
441	Present, but less than mass 443	11.3		
442	40.0 - 110.0% of mass 198	74.9		
443	17.0 - 23.0% of mass 442	13.9	(18.6)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000600-1	U29777.RR	08/11/2008	08:57
2	SSTD020	A8I0000600-1	U29778.RR	08/11/2008	09:20
3	SSTD050	A8I0000600-1	U29779.RR	08/11/2008	09:43
4	SSTD080	A8I0000600-1	U29780.RR	08/11/2008	10:06
5	SSTD120	A8I0000600-1	U29781.RR	08/11/2008	10:30
6	SSTD160	A8I0000600-1	U29782.RR	08/11/2008	10:53

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002778

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: U30609 DFTPP Injection Date: 09/22/2008

Instrument ID: HP5973U DFTPP Injection Time: 08:58

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	47.5		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	46.7		
70	Less than 2.0% of mass 69	0.2	(0.5)	1
127	40.0 - 60.0% of mass 198	57.5		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.0		
275	10.0 - 30.0% of mass 198	27.0		
365	Greater than 1.00% of mass 198	5.4		
441	Present, but less than mass 443	12.4		
442	40.0 - 110.0% of mass 198	81.9		
443	17.0 - 23.0% of mass 442	15.3	(18.7)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000697-1	U30610.RR	09/22/2008	09:15
2	SSTD020	A8I0000697-1	U30611.RR	09/22/2008	09:38
3	SSTD050	A8I0000697-1	U30612.RR	09/22/2008	10:09
4	SSTD080	A8I0000697-1	U30613.RR	09/22/2008	10:32
5	SSTD120	A8I0000697-1	U30614.RR	09/22/2008	10:55
6	SSTD160	A8I0000697-1	U30615.RR	09/22/2008	11:18

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002872

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: U30735 DFTPP Injection Date: 09/29/2008

Instrument ID: HP5973U DFTPP Injection Time: 14:09

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	46.4		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	44.7		
70	Less than 2.0% of mass 69	0.3	(0.6)	1
127	40.0 - 60.0% of mass 198	57.1		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.9		
275	10.0 - 30.0% of mass 198	26.6		
365	Greater than 1.00% of mass 198	5.3		
441	Present, but less than mass 443	11.0		
442	40.0 - 110.0% of mass 198	72.3		
443	17.0 - 23.0% of mass 442	13.0	(18.0)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002468-1	U30736.RR	09/29/2008	14:24
2	SSTD050	A8C0002468-2	U30737.RR	09/29/2008	14:47
3	SMSB56	A8B2301501	U30746.RR	09/29/2008	18:15
4	SBLK56	A8B2301502	U30747.RR	09/29/2008	18:38

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002898

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: U30781 DFTPP Injection Date: 09/30/2008

Instrument ID: HP5973U DFTPP Injection Time: 10:17

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	44.2		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	41.1		
70	Less than 2.0% of mass 69	0.2	(0.6)	1
127	40.0 - 60.0% of mass 198	54.3		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.4		
275	10.0 - 30.0% of mass 198	26.1		
365	Greater than 1.00% of mass 198	4.8		
441	Present, but less than mass 443	11.3		
442	40.0 - 110.0% of mass 198	74.7		
443	17.0 - 23.0% of mass 442	14.3	(19.1)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002490-1	U30782.RR	09/30/2008	10:32
2	SSTD050	A8C0002490-2	U30783.RR	09/30/2008	10:55
3	MW-5	A8B72701	U30784.RR	09/30/2008	11:18
4	EB-092308	A8B72702	U30785.RR	09/30/2008	11:42

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002785

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26650 DFTPP Injection Date: 09/22/2008

Instrument ID: HP5973X DFTPP Injection Time: 09:50

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	40.4		
68	Less than 2.0% of mass 69	0.2	(0.6)	1
69	Present	40.0		
70	Less than 2.0% of mass 69	0.2	(0.6)	1
127	40.0 - 60.0% of mass 198	45.5		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.4		
275	10.0 - 30.0% of mass 198	26.4		
365	Greater than 1.00% of mass 198	1.3		
441	Present, but less than mass 443	9.7		
442	40.0 - 110.0% of mass 198	90.3		
443	17.0 - 23.0% of mass 442	16.2	(17.9)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000700-1	X26658.RR	09/22/2008	12:52
2	SSTD020	A8I0000700-1	X26659.RR	09/22/2008	13:15
3	SSTD050	A8I0000700-1	X26660.RR	09/22/2008	13:38
4	SSTD080	A8I0000700-1	X26661.RR	09/22/2008	14:00
5	SSTD120	A8I0000700-1	X26662.RR	09/22/2008	14:23
6	SSTD160	A8I0000700-1	X26663.RR	09/22/2008	14:46
7	SSTD010	A8I0000701-1	X26664.RR	09/22/2008	15:09
8	SSTD020	A8I0000701-1	X26665.RR	09/22/2008	15:32
9	SSTD050	A8I0000701-1	X26666.RR	09/22/2008	15:54
10	SSTD080	A8I0000701-1	X26667.RR	09/22/2008	16:17
11	SSTD120	A8I0000701-1	X26668.RR	09/22/2008	16:40
12	SSTD160	A8I0000701-1	X26669.RR	09/22/2008	17:03
13	SSTD010	A8I0000702-1	X26670.RR	09/22/2008	17:26
14	SSTD020	A8I0000702-1	X26671.RR	09/22/2008	17:49
15	SSTD050	A8I0000702-1	X26672.RR	09/22/2008	18:11
16	SSTD080	A8I0000702-1	X26673.RR	09/22/2008	18:34
17	SSTD120	A8I0000702-1	X26674.RR	09/22/2008	18:56
18	SSTD160	A8I0000702-1	X26675.RR	09/22/2008	19:19

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002795

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26682 DFTPP Injection Date: 09/23/2008

Instrument ID: HP5973X DFTPP Injection Time: 17:53

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	44.4		
68	Less than 2.0% of mass 69	0.3	(0.7)	1
69	Present	42.4		
70	Less than 2.0% of mass 69	0.3	(0.6)	1
127	40.0 - 60.0% of mass 198	45.6		
197	Less than 1.0% of mass 198	0.6		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.0		
275	10.0 - 30.0% of mass 198	19.5		
365	Greater than 1.00% of mass 198	1.5		
441	Present, but less than mass 443	9.8		
442	40.0 - 110.0% of mass 198	78.9		
443	17.0 - 23.0% of mass 442	13.6	(17.2)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD160	A8I0000705-1	X26684.RR	09/23/2008	19:20
2	SSTD005	A8I0000705-1	X26685.RR	09/23/2008	19:42
3	SSTD120	A8I0000705-1	X26686.RR	09/23/2008	20:05
4	SSTD020	A8I0000705-1	X26687.RR	09/23/2008	20:28
5	SSTD080	A8I0000705-1	X26688.RR	09/23/2008	20:51
6	SSTD050	A8I0000705-1	X26689.RR	09/23/2008	21:13

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002867

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26796 DFTPP Injection Date: 09/26/2008

Instrument ID: HP5973X DFTPP Injection Time: 08:57

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	44.1		
68	Less than 2.0% of mass 69	0.3	(0.7)	1
69	Present	43.5		
70	Less than 2.0% of mass 69	0.2	(0.5)	1
127	40.0 - 60.0% of mass 198	45.3		
197	Less than 1.0% of mass 198	0.4		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	5.2		
275	10.0 - 30.0% of mass 198	26.4		
365	Greater than 1.00% of mass 198	3.3		
441	Present, but less than mass 443	10.1		
442	40.0 - 110.0% of mass 198	87.3		
443	17.0 - 23.0% of mass 442	16.1	(18.4)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002463-1	X26797.RR	09/26/2008	09:14
2	SSTD050	A8C0002463-2	X26798.RR	09/26/2008	09:36
3	SSTD050	A8C0002463-3	X26799.RR	09/26/2008	09:59
4	SSTD050	A8C0002463-4	X26800.RR	09/26/2008	10:22
5	SMSB60	A8B2292801	X26805.RR	09/26/2008	12:16
6	SBLK60	A8B2292802	X26806.RR	09/26/2008	12:38
7	MW-1	A8B65301	X26824.RR	09/26/2008	19:28
8	MW-2	A8B65302	X26825.RR	09/26/2008	19:51
9	MW-2	A8B65302MS	X26826.RR	09/26/2008	20:14
10	MW-2	A8B65302SD	X26827.RR	09/26/2008	20:37

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002879

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26836 DFTPP Injection Date: 09/30/2008

Instrument ID: HP5973X DFTPP Injection Time: 09:13

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	40.2		
68	Less than 2.0% of mass 69	0.5	(1.3)	1
69	Present	42.0		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	40.0 - 60.0% of mass 198	43.6		
197	Less than 1.0% of mass 198	0.2		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.7		
275	10.0 - 30.0% of mass 198	22.6		
365	Greater than 1.00% of mass 198	2.9		
441	Present, but less than mass 443	8.2		
442	40.0 - 110.0% of mass 198	59.2		
443	17.0 - 23.0% of mass 442	11.4	(19.2)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000720-1	X26837.RR	09/30/2008	09:36
2	SSTD020	A8I0000720-1	X26838.RR	09/30/2008	09:59
3	SSTD050	A8I0000720-1	X26839.RR	09/30/2008	10:22
4	SSTD080	A8I0000720-1	X26840.RR	09/30/2008	10:45
5	SSTD120	A8I0000720-1	X26841.RR	09/30/2008	11:07
6	SSTD160	A8I0000720-1	X26842.RR	09/30/2008	11:30
7	SSTD005	A8I0000722-1	X26843.RR	09/30/2008	11:53
8	SSTD020	A8I0000722-1	X26844.RR	09/30/2008	12:16
9	SSTD050	A8I0000722-1	X26845.RR	09/30/2008	12:39
10	SSTD080	A8I0000722-1	X26846.RR	09/30/2008	13:02
11	SSTD120	A8I0000722-1	X26847.RR	09/30/2008	13:25
12	SSTD160	A8I0000722-1	X26848.RR	09/30/2008	13:47
13	SSTD010	A8I0000723-1	X26849.RR	09/30/2008	14:10
14	SSTD020	A8I0000723-1	X26850.RR	09/30/2008	14:33
15	SSTD050	A8I0000723-1	X26851.RR	09/30/2008	14:56
16	SSTD080	A8I0000723-1	X26852.RR	09/30/2008	15:19
17	SSTD120	A8I0000723-1	X26853.RR	09/30/2008	15:41
18	SSTD160	A8I0000723-1	X26854.RR	09/30/2008	16:04
19	SSTD010	A8I0000724-1	X26855.RR	09/30/2008	16:27
20	SSTD020	A8I0000724-1	X26856.RR	09/30/2008	16:50
21	SSTD050	A8I0000724-1	X26857.RR	09/30/2008	17:13
22	SSTD080	A8I0000724-1	X26858.RR	09/30/2008	17:36

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002879

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26836 DFTPP Injection Date: 09/30/2008

Instrument ID: HP5973X DFTPP Injection Time: 09:13

23	SSTD120	A8I0000724-1	X26859.RR	09/30/2008	17:58
24	SSTD160	A8I0000724-1	X26860.RR	09/30/2008	18:21

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002886

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: W26862 DFTPP Injection Date: 09/30/2008

Instrument ID: HP5973X DFTPP Injection Time: 20:46

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	42.2		
68	Less than 2.0% of mass 69	0.6	(1.4)	1
69	Present	43.7		
70	Less than 2.0% of mass 69	0.3	(0.7)	1
127	40.0 - 60.0% of mass 198	45.8		
197	Less than 1.0% of mass 198	0.1		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.0		
275	10.0 - 30.0% of mass 198	23.0		
365	Greater than 1.00% of mass 198	2.6		
441	Present, but less than mass 443	8.4		
442	40.0 - 110.0% of mass 198	58.2		
443	17.0 - 23.0% of mass 442	12.0	(20.6)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002479-1	X26863.RR	09/30/2008	21:04
2	SSTD050	A8C0002479-2	X26864.RR	09/30/2008	21:27
3	EB-092208	A8B65303	X26879.RR	10/01/2008	03:38

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002892

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26892 DFTPP Injection Date: 10/01/2008

Instrument ID: HP5973X DFTPP Injection Time: 10:36

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	38.8		
68	Less than 2.0% of mass 69	0.5	(1.2)	1
69	Present	42.1		
70	Less than 2.0% of mass 69	0.2	(0.5)	1
127	40.0 - 60.0% of mass 198	43.6		
197	Less than 1.0% of mass 198	0.2		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.9		
275	10.0 - 30.0% of mass 198	22.1		
365	Greater than 1.00% of mass 198	2.8		
441	Present, but less than mass 443	7.3		
442	40.0 - 110.0% of mass 198	59.9		
443	17.0 - 23.0% of mass 442	12.8	(21.3)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000731-1	X26893.RR	10/01/2008	10:53
2	SSTD020	A8I0000731-1	X26894.RR	10/01/2008	11:17
3	SSTD050	A8I0000731-1	X26895.RR	10/01/2008	11:41
4	SSTD080	A8I0000731-1	X26896.RR	10/01/2008	12:05
5	SSTD120	A8I0000731-1	X26897.RR	10/01/2008	12:28
6	SSTD160	A8I0000731-1	X26898.RR	10/01/2008	12:52

ROCHESTER GAS & ELECTRIC
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Laboratories Contract: EEMC MSPA Tune ID: A8T0002908

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID: X26908 DFTPP Injection Date: 10/02/2008

Instrument ID: HP5973X DFTPP Injection Time: 08:31

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	38.1		
68	Less than 2.0% of mass 69	0.5	(1.1)	1
69	Present	41.1		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	40.0 - 60.0% of mass 198	42.5		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	7.6		
275	10.0 - 30.0% of mass 198	23.8		
365	Greater than 1.00% of mass 198	3.2		
441	Present, but less than mass 443	10.1		
442	40.0 - 110.0% of mass 198	65.9		
443	17.0 - 23.0% of mass 442	13.8	(20.9)	2

1-Value is % mass 69 2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0002500-1	X26909.RR	10/02/2008	08:50
2	SSTD050	A8C0002500-2	X26910.RR	10/02/2008	09:13
3	SMSBD69	A8B2324802	X26915.RR	10/02/2008	11:09
4	MW-9	A8B79401	X26919.RR	10/02/2008	12:43
5	MW-4	A8B79402	X26920.RR	10/02/2008	13:06
6	MW-6	A8B79403	X26921.RR	10/02/2008	13:29
7	FD-092408	A8B79404	X26922.RR	10/02/2008	13:51
8	MW-8	A8B79405	X26923.RR	10/02/2008	14:14
9	EB-092408	A8B79406	X26924.RR	10/02/2008	14:37
10	MW-3	A8B79407	X26925.RR	10/02/2008	15:00
11	SMBS69	A8B2324801	X26937.RR	10/02/2008	19:34
12	SBLK69	A8B2324803	X26938.RR	10/02/2008	19:57

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002468

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30736.RR Date Analyzed: 09/29/2008

Instrument ID: HP5973U Time Analyzed: 14:24

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		294453		9.43		696924		13.66		144044		5.40	
	UPPER LIMIT		588906		9.93		1393848		14.16		288088		5.90	
	LOWER LIMIT		147227		8.93		348462		13.16		72022		4.90	
	CLIENT SAMPLE	Lab Sample ID												
1	SBLK56	A8B2301502	305037		9.43		852404		13.65		143699		5.40	
2	SMSB56	A8B2301501	327253		9.43		852015		13.66		133060		5.40	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002468

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30736.RR Date Analyzed: 09/29/2008

Instrument ID: HP5973U Time Analyzed: 14:24

		IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	555221		7.15		633269		11.17		741720		14.86	
	UPPER LIMIT	1110442		7.65		1266538		11.67		1483440		15.36	
	LOWER LIMIT	277611		6.65		316635		10.67		370860		14.36	
	CLIENT SAMPLE	Lab Sample ID											
1	SBLK56	A8B2301502		529166		7.15		632741		11.17		613037	14.86
2	SMSB56	A8B2301501		537179		7.15		679644		11.17		713751	14.86

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002490

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30782.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973U Time Analyzed: 10:32

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		355783		9.42		844377		13.65		169997		5.39	
	UPPER LIMIT		711566		9.92		1688754		14.15		339994		5.89	
	LOWER LIMIT		177892		8.92		422189		13.15		84999		4.89	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092308	A8B72702	274352		9.42		804308		13.65		136073		5.39	
2	MW-5	A8B72701	315326		9.42		968044		13.65		145799		5.39	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002490

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): U30782.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973U Time Analyzed: 10:32

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		669919		7.15		759901		11.16		941122		14.86	
	UPPER LIMIT		1339838		7.65		1519802		11.66		1882244		15.36	
	LOWER LIMIT		334960		6.65		379951		10.66		470561		14.36	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092308	A8B72702	494207		7.14		544529		11.16		619773		14.85	
2	MW-5	A8B72701	535407		7.14		646842		11.16		759351		14.85	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002463

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26797.RR Date Analyzed: 09/26/2008

Instrument ID: HP5973X Time Analyzed: 09:14

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		317525		9.46		894846		13.49		208545		5.90	
	UPPER LIMIT		635050		9.96		1789692		13.99		417090		6.40	
	LOWER LIMIT		158763		8.96		447423		12.99		104273		5.40	
	CLIENT SAMPLE	Lab Sample ID												
1	MW-1	A8B65301	281419		9.46		1166395		13.49		181803		5.90	
2	MW-2	A8B65302	325898		9.46		1340815		13.49		201097		5.90	
3	MW-2	A8B65302MS	294418		9.46		1377299		13.50		181763		5.90	
4	MW-2	A8B65302SD	254622		9.46		1267234		13.50		161663		5.90	
5	SBLK60	A8B2292802	323952		9.45		812610		13.48		184974		5.89	
6	SMSB60	A8B2292801	305186		9.45		1148700		13.49		189633		5.89	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC_MSPA Labsampid: A8C0002463

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26797.RR Date Analyzed: 09/26/2008

Instrument ID: HP5973X Time Analyzed: 09:14

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		714016		7.40		644756		11.08		996465		14.69	
	UPPER LIMIT		1428032		7.90		1289512		11.58		1992930		15.19	
	LOWER LIMIT		357008		6.90		322378		10.58		498233		14.19	
	CLIENT SAMPLE	Lab Sample ID												
1	MW-1	A8B65301	576827		7.40		543864		11.08		1118652		14.70	
2	MW-2	A8B65302	652760		7.40		643256		11.08		1289167		14.70	
3	MW-2	A8B65302MS	583314		7.40		656168		11.08		1266229		14.70	
4	MW-2	A8B65302SD	526987		7.40		566974		11.08		1169274		14.70	
5	SBLK60	A8B2292802	624765		7.39		531072		11.07		664317		14.69	
6	SMSB60	A8B2292801	643644		7.40		646545		11.07		980046		14.69	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002479

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26863.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973X Time Analyzed: 21:04

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		541162		9.45		1344308		13.50		266365		5.87	
	UPPER LIMIT		1082324		9.95		2688616		14.00		532730		6.37	
	LOWER LIMIT		270581		8.95		672154		13.00		133183		5.37	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092208	A8B65303	460553		9.44		1470038		13.49		218125		5.86	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002479

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26863.RR Date Analyzed: 09/30/2008

Instrument ID: HP5973X Time Analyzed: 21:04

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		939149		7.38		1002351		11.08		1696208		14.71	
	UPPER LIMIT		1878298		7.88		2004702		11.58		3392416		15.21	
	LOWER LIMIT		469575		6.88		501176		10.58		848104		14.21	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092208	A8B65303	749791		7.37		834691		11.07		1453310		14.70	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002500

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26909.RR Date Analyzed: 10/02/2008

Instrument ID: HP5973X Time Analyzed: 08:50

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		344134		9.46		866428		13.50		172655		5.88	
	UPPER LIMIT		688268		9.96		1732856		14.00		345310		6.38	
	LOWER LIMIT		172067		8.96		433214		13.00		86328		5.38	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092408	A8B79406	381760		9.46		1132964		13.50		179718		5.88	
2	FD-092408	A8B79404	393003		9.46		1146710		13.50		179100		5.88	
3	MW-3	A8B79407	383373		9.46		1201252		13.50		177863		5.89	
4	MW-4	A8B79402	391770		9.46		1157862		13.50		180987		5.88	
5	MW-6	A8B79403	400380		9.46		1149898		13.50		181040		5.88	
6	MW-8	A8B79405	386119		9.46		1148550		13.50		176172		5.88	
7	MW-9	A8B79401	387982		9.46		1129019		13.50		182274		5.88	
8	SBLK69	A8B2324803	378153		9.46		1233336		13.50		187208		5.88	
9	SMBS69	A8B2324801	388866		9.47		1434201		13.51		171722		5.88	
10	SMSBD69	A8B2324802	254911		9.46		684894		13.50		107468		5.87	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA Labsampid: A8C0002500

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab File ID (Standard): X26909.RR Date Analyzed: 10/02/2008

Instrument ID: HP5973X Time Analyzed: 08:50

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		602368		7.39		628987		11.09		1174858		14.71	
	UPPER LIMIT		1204736		7.89		1257974		11.59		2349716		15.21	
	LOWER LIMIT		301184		6.89		314494		10.59		587429		14.21	
	CLIENT SAMPLE	Lab Sample ID												
1	EB-092408	A8B79406	612064		7.39		674347		11.09		1100580		14.71	
2	FD-092408	A8B79404	631405		7.39		701089		11.08		1112523		14.71	
3	MW-3	A8B79407	613053		7.39		694982		11.09		1190389		14.71	
4	MW-4	A8B79402	629946		7.39		708341		11.09		1129057		14.71	
5	MW-6	A8B79403	625136		7.39		708171		11.09		1115312		14.71	
6	MW-8	A8B79405	620754		7.39		690694		11.08		1095202		14.71	
7	MW-9	A8B79401	607152		7.39		666356		11.09		1116858		14.71	
8	SBLK69	A8B2324803	639499		7.39		673352		11.08		1238484		14.71	
9	SMBS69	A8B2324801	607037		7.39		712180		11.09		1347971		14.72	
10	SMSBD69	A8B2324802	389019		7.39		460369		11.08		601307		14.70	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Laboratory: A
)ject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	I
raction: MB																
:hester Gas & Electri	NY3A9052	47	2,2'-Oxybis(1-Chloropropane)	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	17.63663	N		J	
:hester Gas & Electri	NY3A9052	47	2,2'-Oxybis(1-Chloropropane)	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.42400	N		J	
:hester Gas & Electri	NY3A9052	47	2,4,5-Trichlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	36.81490	N		J	
:hester Gas & Electri	NY3A9052	47	2,4,5-Trichlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.98800	N		J	
:hester Gas & Electri	NY3A9052	47	2,4,6-Trichlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	11.13659	N		J	
:hester Gas & Electri	NY3A9052	47	2,4,6-Trichlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.99400	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dichlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.84975	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dichlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.78700	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dimethylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	45.59644	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dimethylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.96100	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dinitrophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	59.06137	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dinitrophenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	2.22367	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dinitrotoluene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	26.13436	N		J	
:hester Gas & Electri	NY3A9052	47	2,4-Dinitrotoluene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.44700	N		J	
:hester Gas & Electri	NY3A9052	47	2,6-Dinitrotoluene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	41.30373	N		J	
:hester Gas & Electri	NY3A9052	47	2,6-Dinitrotoluene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.50900	N		J	
:hester Gas & Electri	NY3A9052	47	2-Chloronaphthalene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	11.32611	N		J	
:hester Gas & Electri	NY3A9052	47	2-Chloronaphthalene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.08400	N		J	
:hester Gas & Electri	NY3A9052	47	2-Chlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.59328	N		J	
:hester Gas & Electri	NY3A9052	47	2-Chlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.50539	N		J	
:hester Gas & Electri	NY3A9052	47	2-Methylnaphthalene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.04484	N		J	
:hester Gas & Electri	NY3A9052	47	2-Methylnaphthalene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.08200	N		J	
:hester Gas & Electri	NY3A9052	47	2-Methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	5.19098	N		J	
:hester Gas & Electri	NY3A9052	47	2-Methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.22800	N		J	
:hester Gas & Electri	NY3A9052	47	2-Nitroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	54.14509	N		J	
:hester Gas & Electri	NY3A9052	47	2-Nitroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	0.49848	N		J	
:hester Gas & Electri	NY3A9052	47	2-Nitrophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	7.71638	N		J	
:hester Gas & Electri	NY3A9052	47	2-Nitrophenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.60314	N		J	
:hester Gas & Electri	NY3A9052	47	3,3'-Dichlorobenzidine	CDL	SW8463	8270	CTA34229	S	UG/KG	1600.0000	170.00000	148.00000	N		J	
:hester Gas & Electri	NY3A9052	47	3,3'-Dichlorobenzidine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.37496	N		J	
:hester Gas & Electri	NY3A9052	47	3-Nitroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	38.81322	N		J	
:hester Gas & Electri	NY3A9052	47	3-Nitroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	1.54900	N		J	
:hester Gas & Electri	NY3A9052	47	4,6-Dinitro-2-methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	58.29008	N		J	
:hester Gas & Electri	NY3A9052	47	4,6-Dinitro-2-methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	2.27400	N		J	
:hester Gas & Electri	NY3A9052	47	4-Bromophenyl phenyl ether	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	53.70538	N		J	
:hester Gas & Electri	NY3A9052	47	4-Bromophenyl phenyl ether	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.90016	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
ject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
hester Gas & Electri	NY3A9052	47	4-Chloro-3-methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	6.94446	N		J	
hester Gas & Electri	NY3A9052	47	4-Chloro-3-methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.59591	N		J	
hester Gas & Electri	NY3A9052	47	4-Chloroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	49.54531	N		J	
hester Gas & Electri	NY3A9052	47	4-Chloroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.33100	N		J	
hester Gas & Electri	NY3A9052	47	4-Chlorophenyl phenyl ether	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.59842	N		J	
hester Gas & Electri	NY3A9052	47	4-Chlorophenyl phenyl ether	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.16700	N		J	
hester Gas & Electri	NY3A9052	47	4-Methylphenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	9.40323	N		J	
hester Gas & Electri	NY3A9052	47	4-Methylphenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.35327	N		J	
hester Gas & Electri	NY3A9052	47	4-Nitroaniline	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	18.85580	N		J	
hester Gas & Electri	NY3A9052	47	4-Nitroaniline	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	0.45500	N		J	
hester Gas & Electri	NY3A9052	47	4-Nitrophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	330.00000	40.91715	N		J	
hester Gas & Electri	NY3A9052	47	4-Nitrophenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	1.52500	N		J	
hester Gas & Electri	NY3A9052	47	Acenaphthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.98418	N		J	
hester Gas & Electri	NY3A9052	47	Acenaphthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11200	N		J	
hester Gas & Electri	NY3A9052	47	Acenaphthylene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.38072	N		J	
hester Gas & Electri	NY3A9052	47	Acenaphthylene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.04700	N		J	
hester Gas & Electri	NY3A9052	47	Acetophenone	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.66305	N		J	
hester Gas & Electri	NY3A9052	47	Acetophenone	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	1.02200	N		J	
hester Gas & Electri	NY3A9052	47	Anthracene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.32194	N		J	
hester Gas & Electri	NY3A9052	47	Anthracene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.05595	N		J	
hester Gas & Electri	NY3A9052	47	Atrazine	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	7.51146	N		J	
hester Gas & Electri	NY3A9052	47	Atrazine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	1.08716	N		J	
hester Gas & Electri	NY3A9052	47	Benzaldehyde	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	18.51196	N		J	
hester Gas & Electri	NY3A9052	47	Benzaldehyde	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.26778	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(a)anthracene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.91388	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(a)anthracene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06400	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(a)pyrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.06861	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(a)pyrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.09115	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(b)fluoranthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.27501	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(b)fluoranthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06300	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(ghi)perylene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.02566	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(ghi)perylene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.07800	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(k)fluoranthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.85814	N		J	
hester Gas & Electri	NY3A9052	47	Benzo(k)fluoranthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06600	N		J	
hester Gas & Electri	NY3A9052	47	Biphenyl	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	10.51428	N		J	
hester Gas & Electri	NY3A9052	47	Biphenyl	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06537	N		J	
hester Gas & Electri	NY3A9052	47	Bis(2-chloroethoxy) methane	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	9.18259	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethoxy) methane	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.37559	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethyl) ether	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	14.57441	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-chloroethyl) ether	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.18000	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-ethylhexyl) phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	54.38616	N		J	
chester Gas & Electri	NY3A9052	47	Bis(2-ethylhexyl) phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	4.76000	N		J	
chester Gas & Electri	NY3A9052	47	Butyl benzyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	45.32835	N		J	
chester Gas & Electri	NY3A9052	47	Butyl benzyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	1.74000	N		J	
chester Gas & Electri	NY3A9052	47	Caprolactam	CDL	SW8463	8270	CTA34229	S	UG/KG	1700.0000	170.00000	73.02415	N		J	
chester Gas & Electri	NY3A9052	47	Caprolactam	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	5.00000	4.59000	N		J	
chester Gas & Electri	NY3A9052	47	Carbazole	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.95306	N		J	
chester Gas & Electri	NY3A9052	47	Carbazole	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.08900	N		J	
chester Gas & Electri	NY3A9052	47	Chrysene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.68779	N		J	
chester Gas & Electri	NY3A9052	47	Chrysene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.27300	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-butyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	58.34917	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-butyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.29921	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-octyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.94792	N		J	
chester Gas & Electri	NY3A9052	47	Di-n-octyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.24100	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzo(a,h)anthracene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.98543	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzo(a,h)anthracene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.20000	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzofuran	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.75662	N		J	
chester Gas & Electri	NY3A9052	47	Dibenzofuran	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.09800	N		J	
chester Gas & Electri	NY3A9052	47	Diethyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	5.09952	N		J	
chester Gas & Electri	NY3A9052	47	Diethyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11000	N		J	
chester Gas & Electri	NY3A9052	47	Dimethyl phthalate	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.40366	N		J	
chester Gas & Electri	NY3A9052	47	Dimethyl phthalate	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.30000	N		J	
chester Gas & Electri	NY3A9052	47	Fluoranthene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.44588	N		J	
chester Gas & Electri	NY3A9052	47	Fluoranthene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.09806	N		J	
chester Gas & Electri	NY3A9052	47	Fluorene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.88915	N		J	
chester Gas & Electri	NY3A9052	47	Fluorene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.07400	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobenzene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.38584	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobenzene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.44536	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobutadiene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.63759	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorobutadiene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	2.59500	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorocyclopentadiene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	51.03698	N		J	
chester Gas & Electri	NY3A9052	47	Hexachlorocyclopentadiene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	2.50000	N		J	
chester Gas & Electri	NY3A9052	47	Hexachloroethane	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	13.06357	N		J	
chester Gas & Electri	NY3A9052	47	Hexachloroethane	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	2.82400	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
oject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E I	J	T
chester Gas & Electri	NY3A9052	47	Indeno(1,2,3-cd)pyrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	4.66924	N		J	
chester Gas & Electri	NY3A9052	47	Indeno(1,2,3-cd)pyrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.15300	N		J	
chester Gas & Electri	NY3A9052	47	Isophorone	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	8.43613	N		J	
chester Gas & Electri	NY3A9052	47	Isophorone	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.32027	N		J	
chester Gas & Electri	NY3A9052	47	N-Nitroso-Di-n-propylamine	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	13.36969	N		J	
chester Gas & Electri	NY3A9052	47	N-Nitroso-Di-n-propylamine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.45200	N		J	
chester Gas & Electri	NY3A9052	47	N-nitrosodiphenylamine	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	9.22816	N		J	
chester Gas & Electri	NY3A9052	47	N-nitrosodiphenylamine	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.26000	N		J	
chester Gas & Electri	NY3A9052	47	Naphthalene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	2.80953	N		J	
chester Gas & Electri	NY3A9052	47	Naphthalene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11600	N		J	
chester Gas & Electri	NY3A9052	47	Nitrobenzene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	7.48254	N		J	
chester Gas & Electri	NY3A9052	47	Nitrobenzene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.53800	N		J	
chester Gas & Electri	NY3A9052	47	Pentachlorophenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	330.00000	57.89626	N		J	
chester Gas & Electri	NY3A9052	47	Pentachlorophenol	CDL	SW8463	8270	CTA34230	W	UG/L	50.0000	10.00000	5.14000	N		J	
chester Gas & Electri	NY3A9052	47	Phenanthrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	3.54216	N		J	
chester Gas & Electri	NY3A9052	47	Phenanthrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.11300	N		J	
chester Gas & Electri	NY3A9052	47	Phenol	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	17.76801	N		J	
chester Gas & Electri	NY3A9052	47	Phenol	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.44600	N		J	
chester Gas & Electri	NY3A9052	47	Pyrene	CDL	SW8463	8270	CTA34229	S	UG/KG	330.0000	170.00000	1.09282	N		J	
chester Gas & Electri	NY3A9052	47	Pyrene	CDL	SW8463	8270	CTA34230	W	UG/L	10.0000	5.00000	0.06820	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: X26879.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: X26879.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.2	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65303

Sample wt/vol: 1010.0 (g/mL) ML Lab File ID: X26879.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

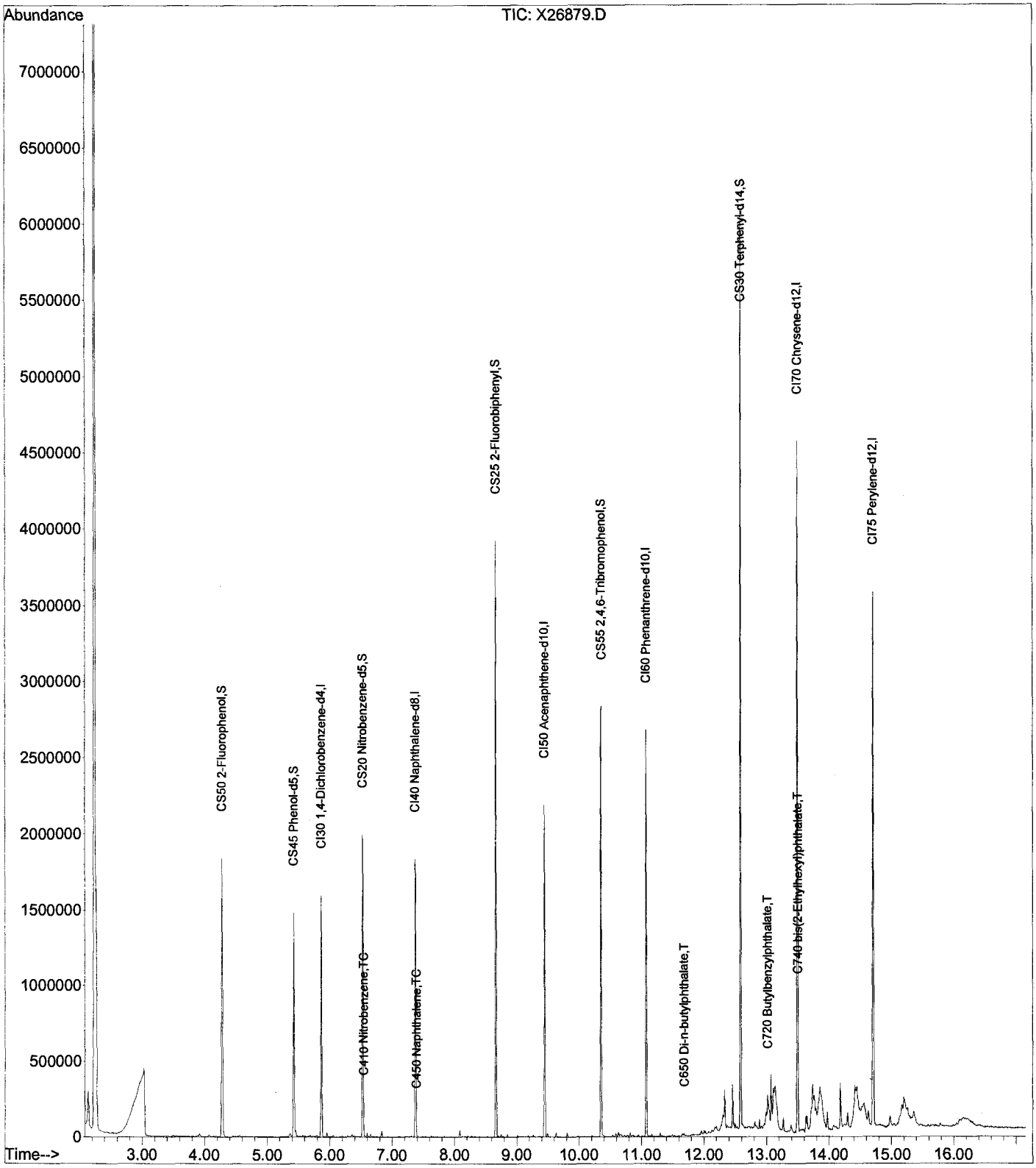
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26879.D
Acq On : 1 Oct 2008 3:38
Sample : A8B65303 AW80017325
Misc :
MS Integration Params: rteint.p

Vial: 14
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 01 14:31:36 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 08:31:32 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26879.D Vial: 14
Acq On : 1 Oct 2008 3:38 Operator: JLG
Sample : A8B65303 AW80017325 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 01 14:31:36 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 08:31:32 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26863.D (30 Sep 2008 21:04)

SS AD 10-1-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	218125	40.00	ng	0.00 81.89%
20) CI40 Naphthalene-d8	7.37	136	749791	40.00	ng	0.00 79.84%
35) CI50 Acenaphthene-d10	9.44	164	460553	40.00	ng	0.00 85.10%
56) CI60 Phenanthrene-d10	11.07	188	834691	40.00	ng	0.00 83.27%
68) CI70 Chrysene-d12	13.49	240	1470038	40.00	ng	0.00 109.35%
78) CI75 Perylene-d12	14.70	264	1453310	40.00	ng	-0.01 85.68%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.28	112	524552	62.40	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 41.60%			
5) CS45 Phenol-d5	5.43	99	477645	44.60	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 29.73%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.53	82	680883	71.99	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 71.99%			
39) CS25 2-Fluorobiphenyl	8.66	172	1062084	64.37	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 64.37%			
59) CS55 2,4,6-Tribromophenol	10.35	330	275338	131.36	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 87.57%			
71) CS30 Terphenyl-d14	12.59	244	1471743	53.72	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 53.72%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	5.56	93	1666	N.D.	
7) C315 Phenol	5.44	94	1385	N.D.	
8) C330 2-Chlorophenol	5.61	128	1176	N.D.	
9) C320 aniline	5.48	93	2225	N.D.	
10) C335 1,3-Dichlorobenzene	5.79	146	1631	N.D.	
11) C340 1,4-Dichlorobenzene	5.79	146	1631	N.D.	
13) C350 1,2-Dichlorobenzene	6.06	146	1455	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D. d	
15) C360 bis(2-chloroisoprop	6.21	45	2229	N.D.	
16) C355 2-Methylphenol	6.17	108	610	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D. d	
18) C370 N-Nitroso-di-n-prop	6.36	70	896	N.D.	
19) C365 4-Methylphenol	6.36	108	1037	N.D.	
22) C410 Nitrobenzene	6.55	77	2131	0.22 ng	81
23) C415 Isophorone	6.65	82	2034	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D. d	
25) C420 2-Nitrophenol	6.93	139	383	N.D.	
26) C425 2,4-Dimethylphenol	6.99	107	306	N.D.	
27) C435 bis(2-Chloroethoxy)	7.12	93	993	N.D.	
28) C440 2,4-Dichlorophenol	7.21	162	166	N.D.	

AD 10-15-08

Data File : D:\DATA\093008\X26879.D
Acq On : 1 Oct 2008 3:38
Sample : A8B65303 AW80017325
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 01 14:31:36 2008

Vial: 14
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 08:31:32 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26863.D (30 Sep 2008 21:04)

55 PS 10-1-08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	7.31	180	1165	N.D.	
30) C450 Naphthalene	7.40	128	4328	0.22 ng	97
31) C455 4-Chloroaniline	7.40	127	405	N.D.	
32) C460 Hexachlorobutadiene	7.55	225	402	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	8.22	142	1618	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	8.74	162	1878	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D.	
42) C540 Acenaphthylene	9.28	152	867	N.D.	
43) C535 Dimethylphthalate	9.17	163	178	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
45) C550 Acenaphthene	9.48	153	728	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.69	168	550	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	10.09	166	501	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	9.99	149	202	N.D.	
54) C620 1,2-diphenylhydrazi	10.28	77	1091	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	10.24	169	194	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.10	178	2675	N.D.	
64) C645 Anthracene	11.15	178	185	N.D.	
65) C647 carbazole	11.07	167	161	N.D.	
66) C650 Di-n-butylphthalate	11.68	149	7332	0.26 ng	95
67) C655 Fluoranthene	12.23	202	692	N.D.	
69) C715 Pyrene	12.43	202	234	N.D.	
70) C710 benzidine	12.33	184	218	N.D.	
72) C720 Butylbenzylphthalate	13.01	149	4643	0.25 ng	93
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	
74) C730 Benzo[a]anthracene	13.49	228	3953	N.D.	
75) C735 Chrysene	13.49	228	3953	N.D.	
76) C740 bis(2-Ethylhexyl)phth	13.51	149	24091	0.88 ng	94
77) C760 Di-n-octylphthalate	14.07	149	2996	N.D.	
79) C765 Benzo[b]fluoranthen	14.37	252	163	N.D.	
80) C770 Benzo[k]fluoranthen	14.37	252	163	N.D.	
81) C775 Benzo[a]pyrene	14.66	252	174	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.70	276	563	N.D.	
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.	
84) C790 Benzo[g,h,i]perylen	16.00	276	515	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26879.D Vial: 14
Acq On : 1 Oct 2008 3:38 Operator: JLG
Sample : A8B65303 AW80017325 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 01 14:32:42 2008 Results File: A8I0722.RES

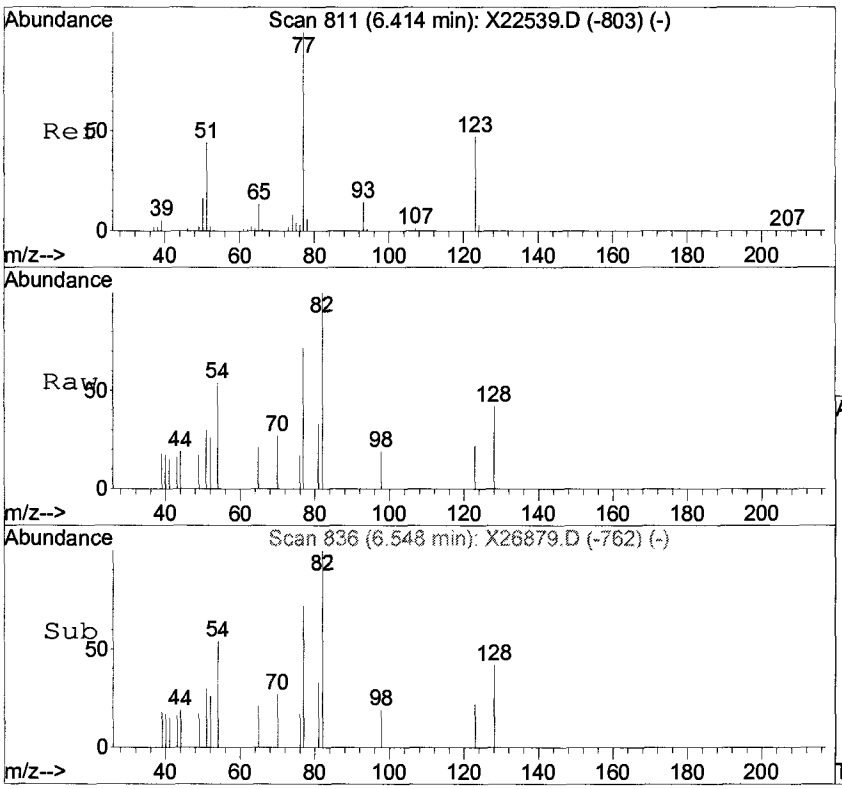
SS AS 10-1-08

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Wed Oct 01 14:32:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	218125	40.00	ng	0.00 93.74%
4) CI40 Naphthalene-d8	7.37	136	749791	40.00	ng	0.00 89.08%
7) CI50 Acenaphthene-d8	9.44	164	460553	40.00	ng	0.00 101.78%
10) CI60 Phenanthrene-d10	11.07	188	834691	40.00	ng	0.00 101.68%
12) CI70 Chrysene-d12	13.49	240	1470038	40.00	ng	0.00 149.85%
13) CI75 Perylene-d12	14.70	264	1453310	40.00	ng	0.00 119.58%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.35	77	1668	N.D.	
3) E145 Acetophenone	6.36	105	2082	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	8.41	216	573	N.D.	
8) C811 1,1'-Biphenyl	8.78	154	2959	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

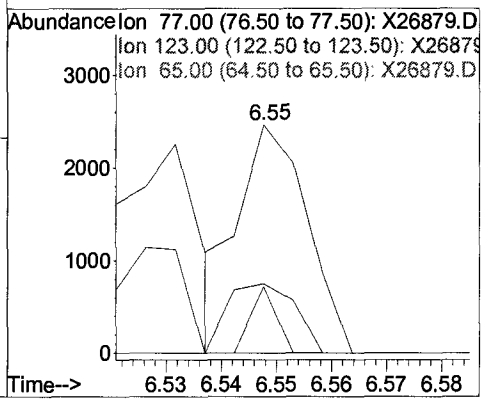
(#) = qualifier out of range (m) = manual integration (+) = signals summed

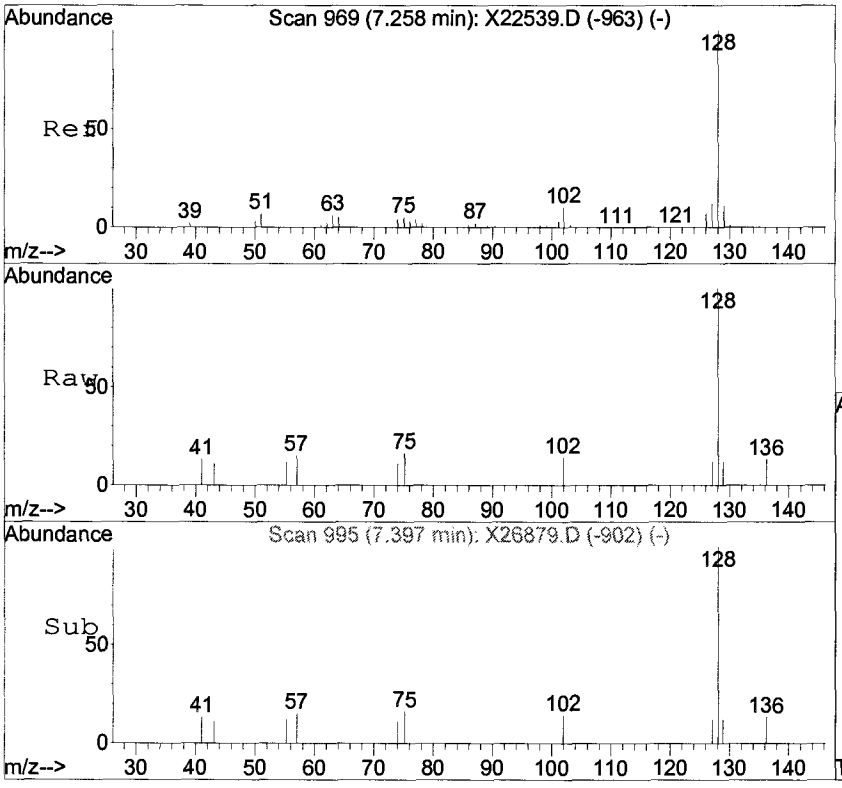


#22
C410 Nitrobenzene
Concen: 0.22 ng
RT: 6.55 min Scan# 836
Delta R.T. -0.01 min
Lab File: X26879.D
Acq: 1 Oct 2008 3:38

Tgt Ion: 77 Resp: 2131

Ion	Ratio	Lower	Upper
77	100		
123	30.5	18.5	58.5
65	29.2	0.0	35.2

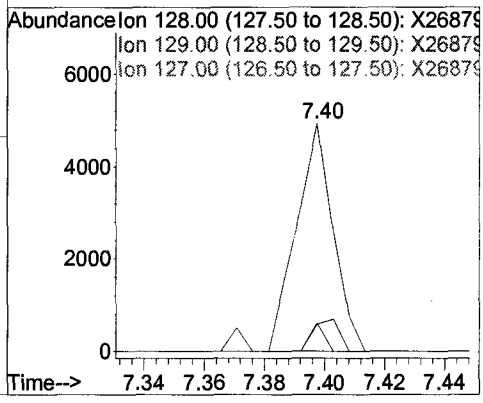


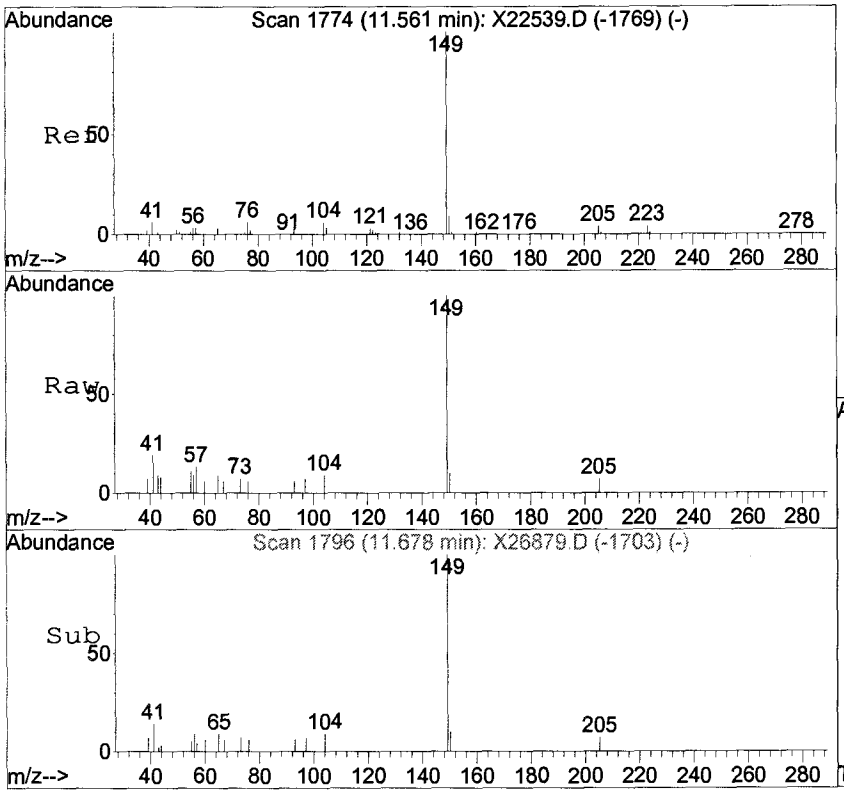


#30
C450 Naphthalene
Concen: 0.22 ng
RT: 7.40 min Scan# 995
Delta R.T. -0.01 min
Lab File: X26879.D
Acq: 1 Oct 2008 3:38

Tgt Ion:128 Resp: 4328

Ion	Ratio	Lower	Upper
128	100		
129	12.2	0.0	31.0
127	11.8	0.0	32.6

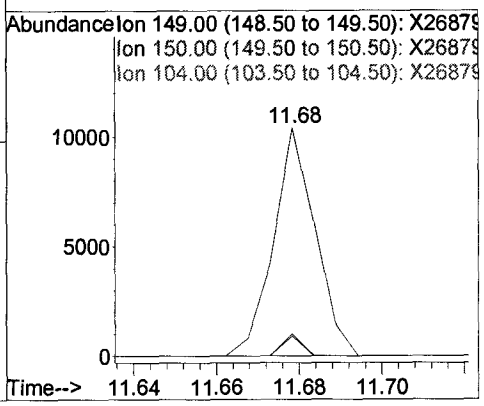


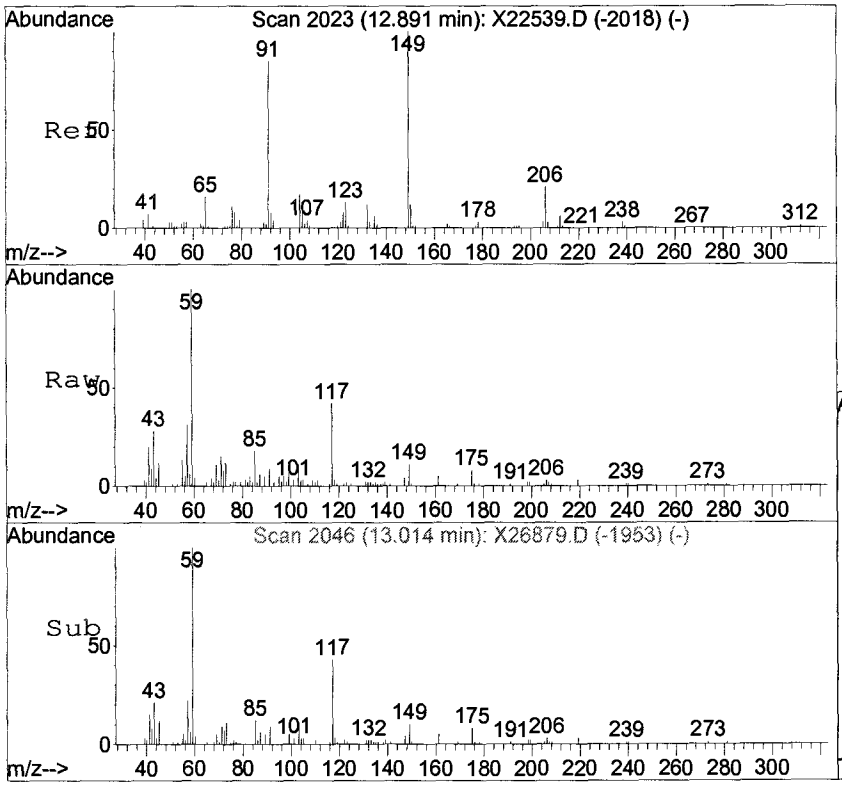


#66
C650 Di-n-butylphthalate
Concen: 0.26 ng
RT: 11.68 min Scan# 1796
Delta R.T. -0.01 min
Lab File: X26879.D
Acq: 1 Oct 2008 3:38

Tgt Ion:149 Resp: 7332

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	29.0
104	8.8	0.0	25.3

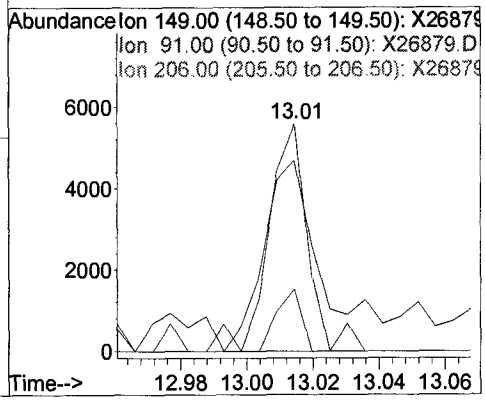


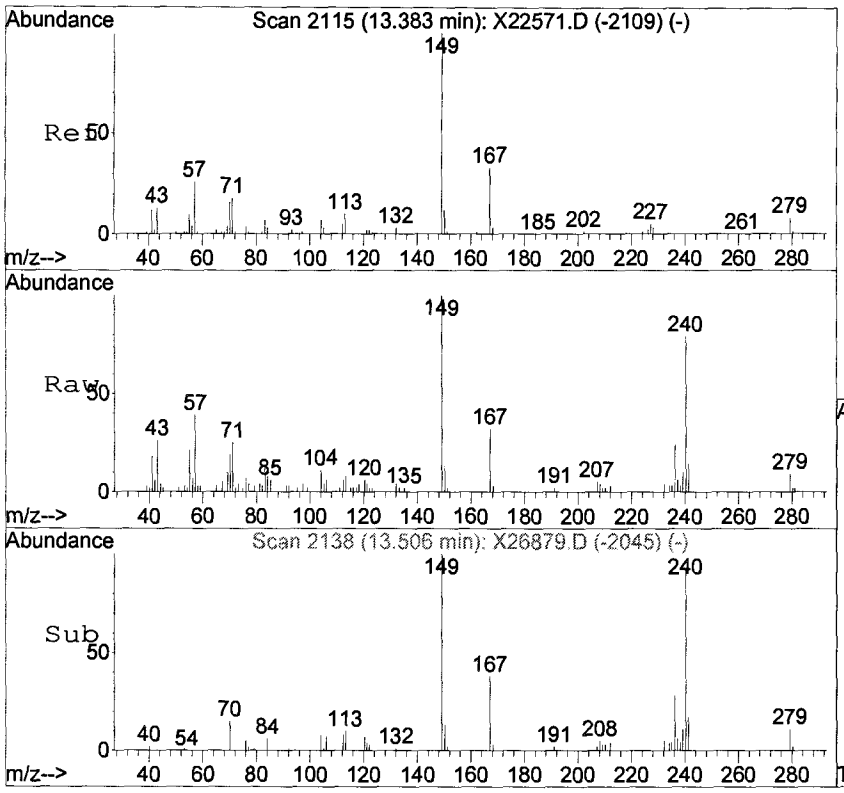


#72
C720 Butylbenzylphthalate
Concen: 0.25 ng
RT: 13.01 min Scan# 2046
Delta R.T. -0.01 min
Lab File: X26879.D
Acq: 1 Oct 2008 3:38

Tgt Ion:149 Resp: 4643

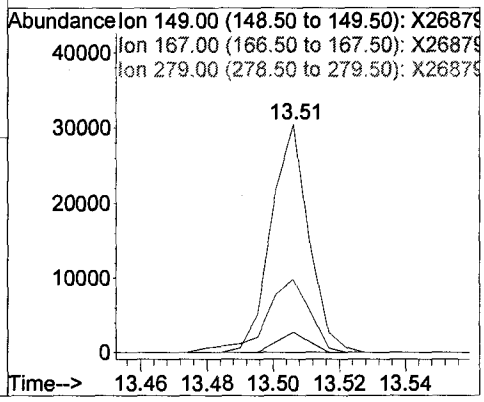
Ion	Ratio	Lower	Upper
149	100		
91	71.9	57.1	97.1
206	27.2	2.9	42.9





#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.88 ng
RT: 13.51 min Scan# 2138
Delta R.T. -0.01 min
Lab File: X26879.D
Acq: 1 Oct 2008 3:38

Tgt Ion:149	Resp:	24091	
Ion	Ratio	Lower	Upper
149	100		
167	32.3	16.2	56.2
279	9.0	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U30785.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
208-96-8	Acenaphthylene	9	U
98-86-2	Acetophenone	9	U
120-12-7	Anthracene	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
56-55-3	Benzo(a)anthracene	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
191-24-2	Benzo(ghi)perylene	9	U
50-32-8	Benzo(a)pyrene	9	U
92-52-4	Biphenyl	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
85-68-7	Butyl benzyl phthalate	9	U
106-47-8	4-Chloroaniline	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-58-7	2-Chloronaphthalene	9	U
95-57-8	2-Chlorophenol	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
105-60-2	Caprolactam	47	U
86-74-8	Carbazole	9	U
218-01-9	Chrysene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
132-64-9	Dibenzofuran	9	U
84-74-2	Di-n-butyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
120-83-2	2,4-Dichlorophenol	9	U
84-66-2	Diethyl phthalate	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U30785.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	9	U
131-11-3	Dimethyl phthalate	9	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
51-28-5	2,4-Dinitrophenol	47	U
121-14-2	2,4-Dinitrotoluene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
117-84-0	Di-n-octyl phthalate	9	U
206-44-0	Fluoranthene	9	U
86-73-7	Fluorene	9	U
118-74-1	Hexachlorobenzene	9	U
87-68-3	Hexachlorobutadiene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
67-72-1	Hexachloroethane	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
78-59-1	Isophorone	9	U
91-57-6	2-Methylnaphthalene	9	U
95-48-7	2-Methylphenol	9	U
106-44-5	4-Methylphenol	9	U
91-20-3	Naphthalene	9	U
88-74-4	2-Nitroaniline	47	U
99-09-2	3-Nitroaniline	47	U
100-01-6	4-Nitroaniline	47	U
98-95-3	Nitrobenzene	9	U
88-75-5	2-Nitrophenol	9	U
100-02-7	4-Nitrophenol	47	U
86-30-6	N-nitrosodiphenylamine	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
87-86-5	Pentachlorophenol	47	U
85-01-8	Phenanthrene	9	U
108-95-2	Phenol	9	U
129-00-0	Pyrene	9	U
95-95-4	2,4,5-Trichlorophenol	9	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72702

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U30785.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

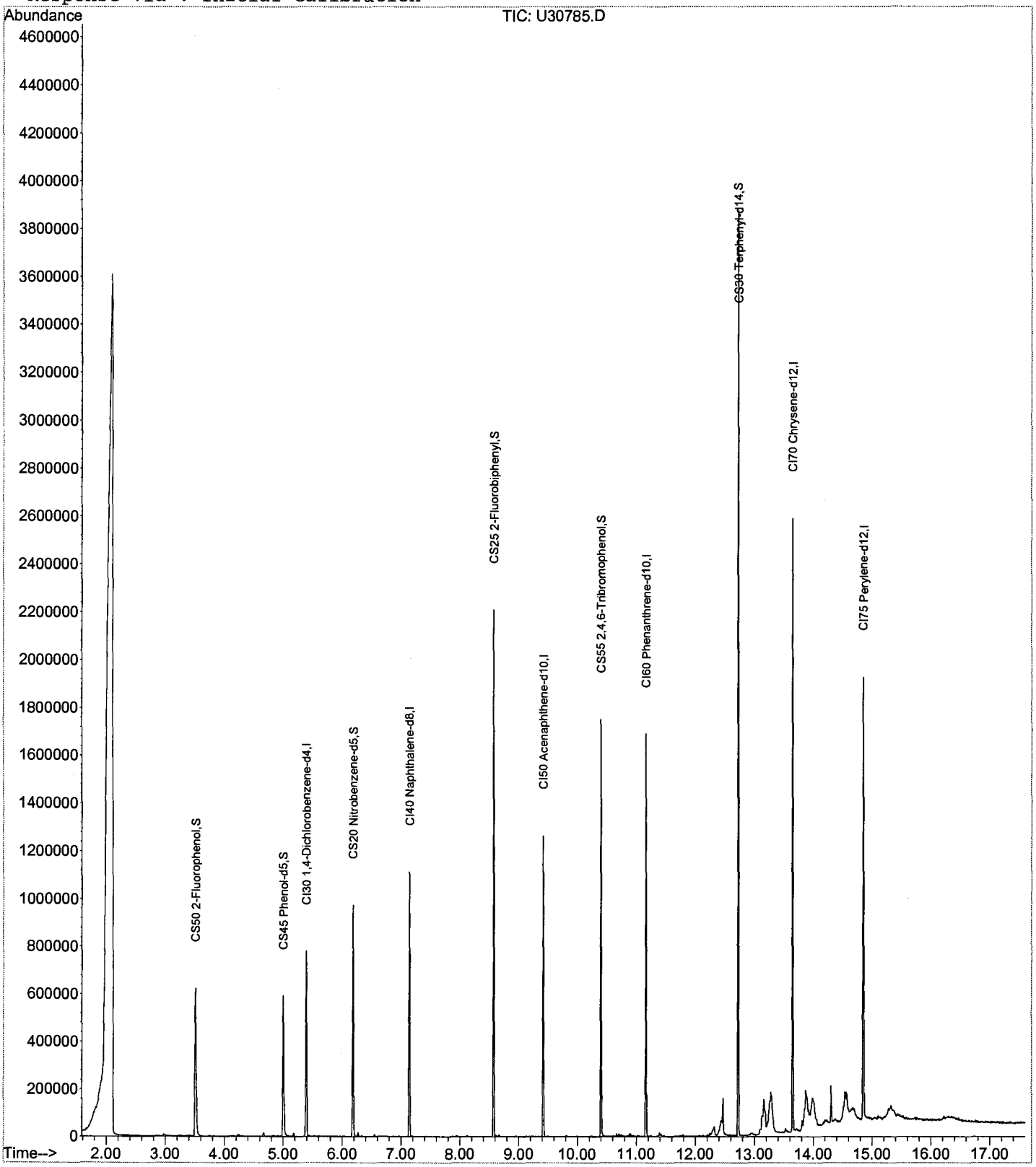
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	9	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\U30785.D Vial: 5
Acq On : 30 Sep 2008 11:42 Operator: MD
Sample : A8B72702 AW80017488 Inst : HP5973U
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 1 14:40 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 14:23:33 2008
Response via : Initial Calibration



Quantitation Report

732/3787

Data File : D:\DATA\093008\U30785.D
Acq On : 30 Sep 2008 11:42
Sample : A8B72702 AW80017488
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 12:08:10 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 10:50:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\093008\U30782.D (30 Sep 2008 10:32)

SSMD 10/01/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.39	152	136073	40.00	ng	0.00 80.04%
20) CI40 Naphthalene-d8	7.14	136	494207	40.00	ng	0.00 73.77%
35) CI50 Acenaphthene-d10	9.42	164	274352	40.00	ng	0.00 77.11%
56) CI60 Phenanthrene-d10	11.16	188	544529	40.00	ng	0.00 71.66%
68) CI70 Chrysene-d12	13.65	240	804308	40.00	ng	0.00 95.25%
78) CI75 Perylene-d12	14.85	264	619773	40.00	ng	0.00 65.85%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.51	112	263493	55.12	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 36.75%			
5) CS45 Phenol-d5	5.00	99	246257	43.10	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 28.73%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.18	82	352707	65.05	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 65.05%			
39) CS25 2-Fluorobiphenyl	8.58	172	643764	63.75	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 63.75%			
59) CS55 2,4,6-Tribromophenol	10.40	330	149523	111.55	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 74.37%			
71) CS30 Terphenyl-d14	12.73	244	912891	54.15	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 54.15%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.	
7) C315 Phenol	0.00	94	0	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	0.00	82	0	N.D.	

(#) = qualifier out of range (m) = manual integration

@ 10/15/08

Quantitation Report

Data File : D:\DATA\093008\U30785.D
Acq On : 30 Sep 2008 11:42
Sample : A8B72702 AW80017488
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 12:08:10 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 10:50:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

MM 10/10/07

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
24)	C430 benzoic acid	0.00	122	0	N.D.	
25)	C420 2-Nitrophenol	0.00	139	0	N.D.	
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
30)	C450 Naphthalene	7.17	128	512	N.D.	
31)	C455 4-Chloroaniline	0.00	127	0	N.D.	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	8.67	162	1249	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D.	
42)	C540 Acenaphthylene	0.00	152	0	N.D.	
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45)	C550 Acenaphthene	0.00	153	0	N.D.	
46)	C545 3-Nitroaniline	0.00	138	0	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	0.00	168	0	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D.	
51)	C590 Fluorene	0.00	166	0	N.D.	
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	9.81	149	1195	N.D.	
54)	C620 1,2 diphenylhydrazine	10.40	77	1542	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D.	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D. d	
63)	C640 Phenanthrene	11.19	178	1002	N.D.	
64)	C645 Anthracene	0.00	178	0	N.D.	
65)	C647 carbazole	0.00	167	0	N.D.	
66)	C650 Di-n-butylphthalate	0.00	149	0	N.D. d	
67)	C655 Fluoranthene	12.37	202	217	N.D.	
69)	C715 Pyrene	12.47	202	220	N.D.	
70)	C710 benzidine	0.00	184	0	N.D.	
72)	C720 Butylbenzylphthalate	13.17	149	1623	Below Cal #	82
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.	
74)	C730 Benzo[a]anthracene	13.65	228	1931	N.D.	
75)	C735 Chrysene	13.65	228	1931	N.D.	
76)	C740 bis(2-Ethylhexyl)phth	13.65	149	3395	N.D.	
77)	C760 Di-n-octylphthalate	14.17	149	1332	Below Cal	74
79)	C765 Benzo[b]fluoranthene	14.55	252	193	N.D.	
80)	C770 Benzo[k]fluoranthene	14.55	252	193	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\093008\U30785.D
Acq On : 30 Sep 2008 11:42
Sample : A8B72702 AW80017488
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 12:08:10 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 10:50:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.85	252	2430	N.D.	
82)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.	
83)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.	
84)	C790 Benzo[g,h,i]perylene	16.15	276	176	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\093008\U30785.D
Acq On : 30 Sep 2008 11:42
Sample : A8B72702 AW80017488
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 01 14:45:18 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.39	152	136089	40.00	ng	-0.46 92.81%
4) CI40 Naphthalene-d8	7.14	136	494207	40.00	ng	-0.38 87.76%
7) CI50 Acenaphthene-d10	9.42	164	274352	40.00	ng	-0.37 89.52%
10) CI60 Phenanthrene-d10	11.16	188	544529	40.00	ng	-0.33 83.63%
12) CI70 Chrysene-d12	13.65	240	804308	40.00	ng	-0.34 121.22%
13) CI75 Perylene-d12	14.85	264	619773	40.00	ng	-0.45 116.43%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.00	77	266	N.D.	
3) E145 Acetophenone	5.47	105	234	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorobe	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.70	154	744	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26924.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26924.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79406

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26924.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

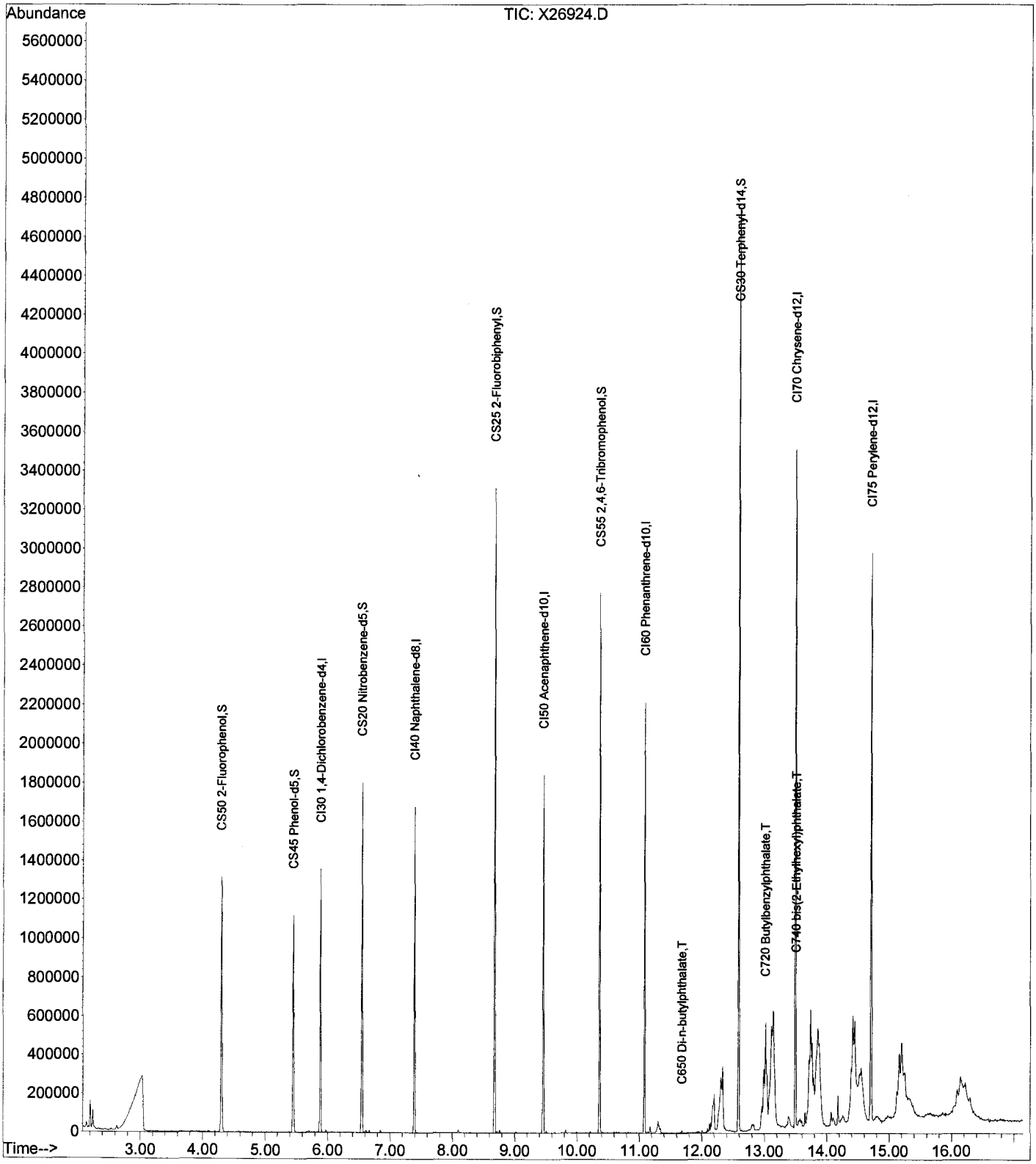
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Data File : D:\DATA\100208\X26924.D
Acq On : 2 Oct 2008 14:37
Sample : A8B79406 AW80017848
Misc :
MS Integration Params: rteint.p

Vial: 17
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 03 08:36:12 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26924.D Vial: 17
Acq On : 2 Oct 2008 14:37 Operator: AJ
Sample : A8B79406 AW80017848 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:36:12 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	179718	40.00	ng	0.00 104.09%
20) CI40 Naphthalene-d8	7.39	136	612064	40.00	ng	0.00 101.61%
35) CI50 Acenaphthene-d10	9.46	164	381760	40.00	ng	0.00 110.93%
56) CI60 Phenanthrene-d10	11.09	188	674347	40.00	ng	0.00 107.21%
68) CI70 Chrysene-d12	13.50	240	1132964	40.00	ng	0.00 130.76%
78) CI75 Perylene-d12	14.71	264	1100580	40.00	ng	0.00 93.68%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	378623	54.67	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 36.45%			
5) CS45 Phenol-d5	5.45	99	356916	40.45	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.97%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	578374	74.91	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 74.91%			
39) CS25 2-Fluorobiphenyl	8.68	172	884171	64.65	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 64.65%			
59) CS55 2,4,6-Tribromophenol	10.36	330	233560	137.80	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 91.87%			
71) CS30 Terphenyl-d14	12.59	244	1082337	51.26	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.26%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	5.46	94	440	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	6.07	108	379	N.D.	
15) C360 bis(2-chloroisoprop	6.31	45	202	N.D.	
16) C355 2-Methylphenol	6.07	108	379	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	0.00	82	0	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

10.15.08

Data File : D:\DATA\100208\X26924.D Vial: 17
Acq On : 2 Oct 2008 14:37 Operator: AJ
Sample : A8B79406 AW80017848 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:36:12 2008 Results File: A8I0720.RES

SS AD 10.3.08

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30) C450 Naphthalene	7.41	128	532	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.		
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	8.77	162	1427	N.D.		
41) C530 2-Nitroaniline	0.00	65	0	N.D.		
42) C540 Acenaphthylene	0.00	152	0	N.D.		
43) C535 Dimethylphthalate	8.77	163	564	N.D.		
44) C542 2,6-Dinitrotoluene	9.23	165	196	N.D.		
45) C550 Acenaphthene	0.00	153	0	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	0.00	168	0	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	0.00	166	0	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	10.01	149	163	N.D.		
54) C620 1,2-diphenylhydrazi	10.36	77	1702	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	11.11	178	1336	N.D.		
64) C645 Anthracene	11.11	178	1336	N.D.		
65) C647 carbazole	12.00	167	749	N.D.		
66) C650 Di-n-butylphthalate	11.68	149	6295	0.27	ng	88
67) C655 Fluoranthene	12.23	202	222	N.D.		
69) C715 Pyrene	12.34	202	519	N.D.		
70) C710 benzidine	12.34	184	161	N.D.		
72) C720 Butylbenzylphthalate	13.02	149	11477	0.81	ng	94
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.		
74) C730 Benzo[a]anthracene	13.50	228	2842	N.D.		
75) C735 Chrysene	13.50	228	2842	N.D.		
76) C740 bis(2-Ethylhexyl)phth	13.51	149	4501	0.21	ng	77
77) C760 Di-n-octylphthalate	14.07	149	4803	N.D.		
79) C765 Benzo[b]fluoranthen	0.00	252	0	N.D.		
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D.		
81) C775 Benzo[a]pyrene	14.71	252	3620	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	15.71	276	519	N.D.		
83) C785 Dibenz[a,h]anthrace	15.72	278	418	N.D.		
84) C790 Benzo[g,h,i]perylen	16.00	276	302	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26924.D Vial: 17
Acq On : 2 Oct 2008 14:37 Operator: AJ
Sample : A8B79406 AW80017848 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:57 2008 Results File: A8I0722.RES

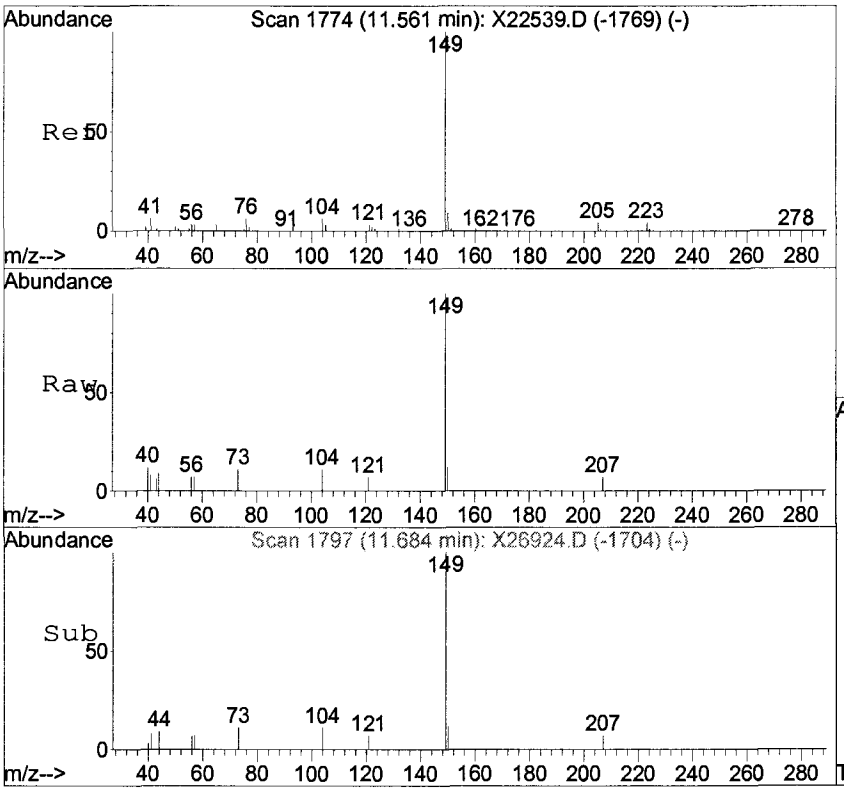
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS AJ 10.6.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	179718	40.00	ng	0.00 77.23%
4) CI40 Naphthalene-d8	7.39	136	612064	40.00	ng	0.00 72.72%
7) CI50 Acenaphthene-d8	9.46	164	381760	40.00	ng	0.00 84.37%
10) CI60 Phenanthrene-d10	11.09	188	674347	40.00	ng	0.00 82.15%
12) CI70 Chrysene-d12	13.50	240	1132964	40.00	ng	0.00 115.49%
13) CI75 Perylene-d12	14.71	264	1100580	40.00	ng	0.00 90.56%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.45	77	731	N.D.	
3) E145 Acetophenone	6.22	105	200	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	1163	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

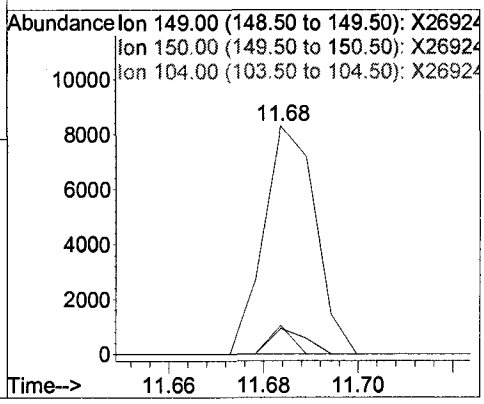
(#) = qualifier out of range (m) = manual integration (+) = signals summed

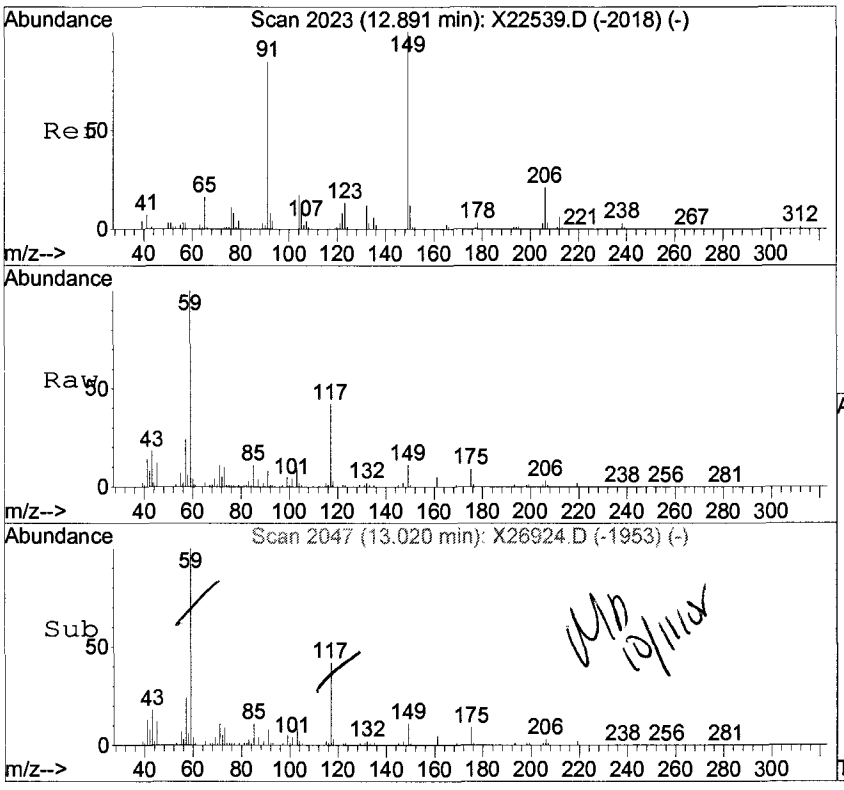


#66
C650 Di-n-butylphthalate
Concen: 0.27 ng
RT: 11.68 min Scan# 1797
Delta R.T. -0.01 min
Lab File: X26924.D
Acq: 2 Oct 2008 14:37

Tgt Ion:149 Resp: 6295

Ion	Ratio	Lower	Upper
149	100		
150	12.4	0.0	29.0
104	11.2	0.0	25.3

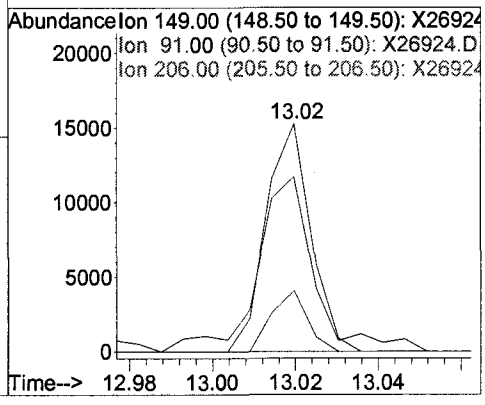


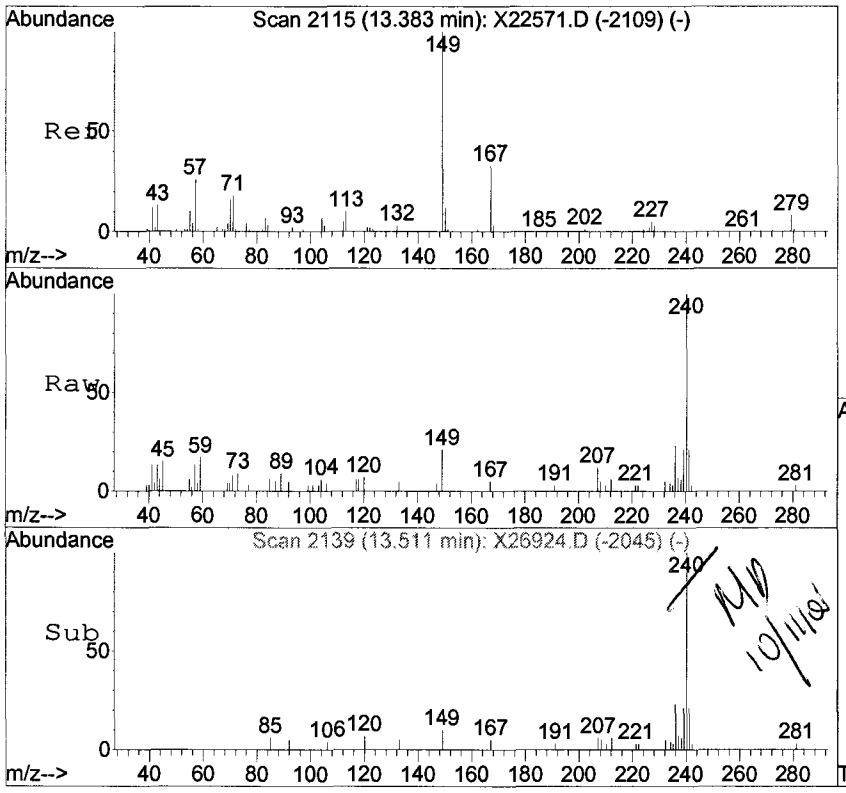


#72
C720 Butylbenzylphthalate
Concen: 0.81 ng
RT: 13.02 min Scan# 2047
Delta R.T. -0.00 min
Lab File: X26924.D
Acq: 2 Oct 2008 14:37

Tgt Ion:149 Resp: 11477

Ion	Ratio	Lower	Upper
149	100		
91	72.8	57.1	97.1
206	26.7	2.9	42.9

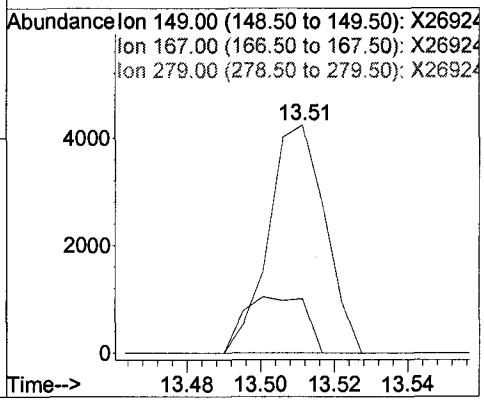




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.21 ng
RT: 13.51 min Scan# 2139
Delta R.T. -0.00 min
Lab File: X26924.D
Acq: 2 Oct 2008 14:37

Tgt Ion:149 Resp: 4501

Ion	Ratio	Lower	Upper
149	100		
167	23.7	16.2	56.2
279	0.0	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26922.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26922.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79404

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26922.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

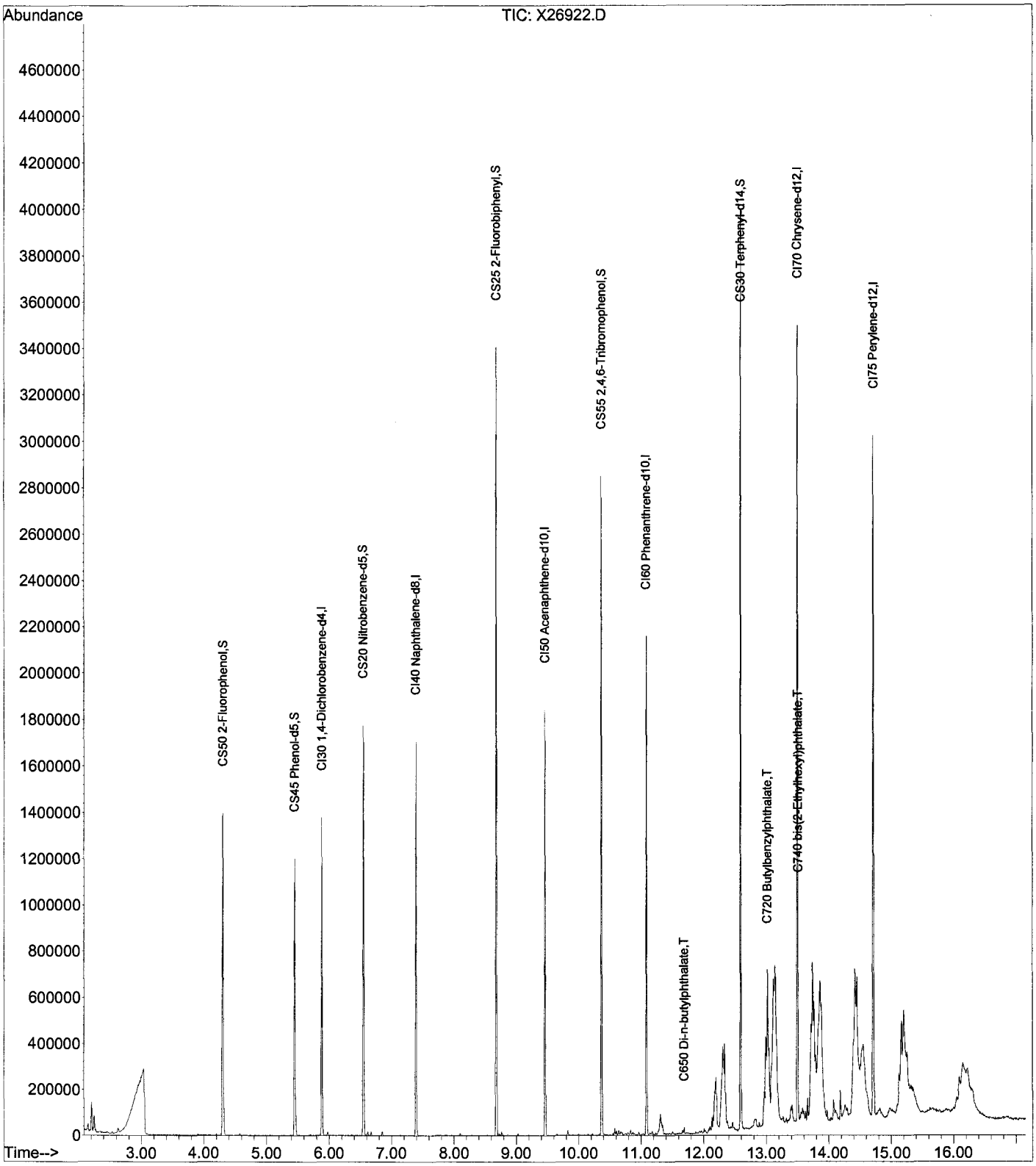
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (QT Review)

Data File : D:\DATA\100208\X26922.D
Acq On : 2 Oct 2008 13:51
Sample : A8B79404 AW80017846
Misc :
MS Integration Params: rteint.p

Vial: 15
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 03 08:31:42 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) 749/3787

Data File : D:\DATA\100208\X26922.D Vial: 15
Acq On : 2 Oct 2008 13:51 Operator: AJ
Sample : A8B79404 AW80017846 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:31:42 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS RD 10.3.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	179100	40.00	ng	0.00 103.73%
20) CI40 Naphthalene-d8	7.39	136	631405	40.00	ng	0.00 104.82%
35) CI50 Acenaphthene-d10	9.46	164	393003	40.00	ng	0.00 114.20%
56) CI60 Phenanthrene-d10	11.08	188	701089	40.00	ng	0.00 111.46%
68) CI70 Chrysene-d12	13.50	240	1146710	40.00	ng	0.00 132.35%
78) CI75 Perylene-d12	14.71	264	1112523	40.00	ng	0.00 94.69%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	398000	57.66	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 38.44%			
5) CS45 Phenol-d5	5.45	99	382085	43.45	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 28.97%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	601001	75.46	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 75.46%			
39) CS25 2-Fluorobiphenyl	8.68	172	952052	67.62	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 67.62%			
59) CS55 2,4,6-Tribromophenol	10.37	330	255698	144.97	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 96.65%			
71) CS30 Terphenyl-d14	12.59	244	852408	39.89	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 39.89%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	5.46	94	342	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D. d	
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	6.55	117	173	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	6.55	108	160	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	6.65	82	474	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D. d	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	7.40	93	179	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

@ 10.15.08

Data File : D:\DATA\100208\X26922.D Vial: 15
Acq On : 2 Oct 2008 13:51 Operator: AJ
Sample : A8B79404 AW80017846 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:31:42 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.3.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30) C450 Naphthalene	7.42	128	1217	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.		
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	8.76	162	1413	N.D.		
41) C530 2-Nitroaniline	0.00	65	0	N.D.		
42) C540 Acenaphthylene	9.29	152	830	N.D.		
43) C535 Dimethylphthalate	8.77	163	1278	N.D.		
44) C542 2,6-Dinitrotoluene	9.03	165	194	N.D.		
45) C550 Acenaphthene	9.49	153	161	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	0.00	168	0	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	0.00	166	0	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	10.01	149	1543	N.D.		
54) C620 1,2-diphenylhydrazi	10.30	77	241	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	11.11	178	1663	N.D.		
64) C645 Anthracene	11.15	178	203	N.D.		
65) C647 carbazole	12.01	167	1328	N.D.		
66) C650 Di-n-butylphthalate	11.69	149	7122	0.30	ng	89
67) C655 Fluoranthene	12.24	202	2787	N.D.		
69) C715 Pyrene	12.44	202	2992	N.D.		
70) C710 benzidine	12.34	184	522	N.D.		
72) C720 Butylbenzylphthalate	13.02	149	12036	0.84	ng	83
73) C725 3,3'-Dichlorobenzid	13.36	252	181	N.D.		
74) C730 Benzo[a]anthracene	13.50	228	2935	N.D.		
75) C735 Chrysene	13.53	228	194	N.D.		
76) C740 bis(2-Ethylhexyl)phth	13.51	149	5407	0.25	ng	91
77) C760 Di-n-octylphthalate	14.07	149	5556	N.D.		
79) C765 Benzo[b]fluoranthen	14.37	252	647	N.D.		
80) C770 Benzo[k]fluoranthen	14.40	252	172	N.D.		
81) C775 Benzo[a]pyrene	14.71	252	4933	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	15.72	276	1104	N.D.		
83) C785 Dibenz[a,h]anthrace	15.72	278	933	N.D.		
84) C790 Benzo[g,h,i]perylen	16.00	276	690	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26922.D Vial: 15
Acq On : 2 Oct 2008 13:51 Operator: AJ
Sample : A8B79404 AW80017846 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:54 2008 Results File: A8I0722.RES

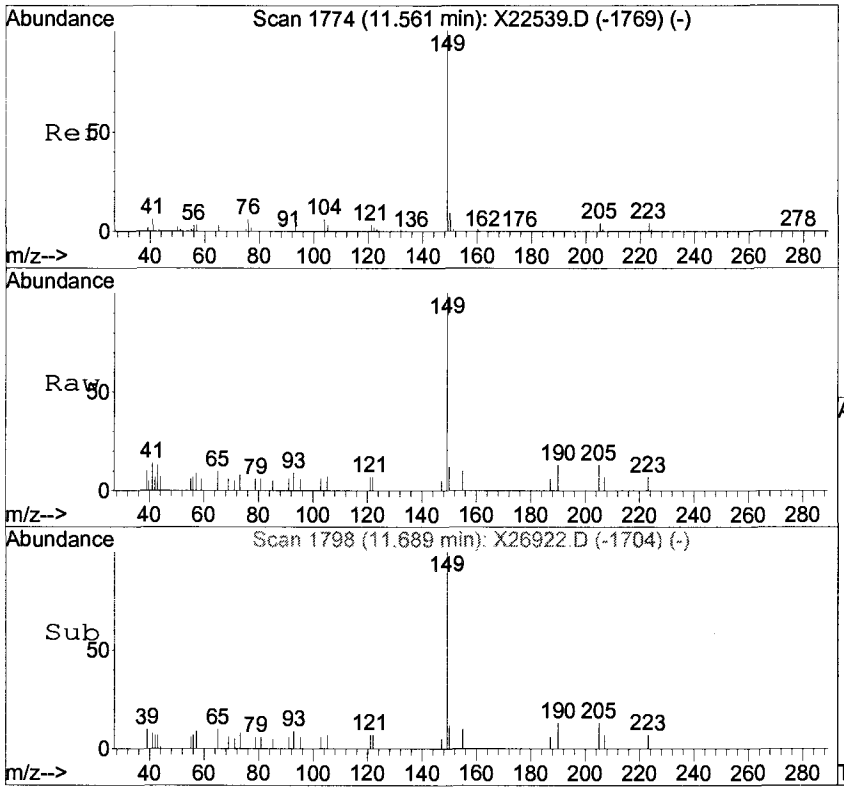
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS RD 10-6-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	179100	40.00	ng	0.00 76.97%
4) CI40 Naphthalene-d8	7.39	136	631405	40.00	ng	0.00 75.01%
7) CI50 Acenaphthene-d8	9.46	164	393003	40.00	ng	0.00 86.85%
10) CI60 Phenanthrene-d10	11.08	188	701089	40.00	ng	0.00 85.40%
12) CI70 Chrysene-d12	13.50	240	1146710	40.00	ng	0.00 116.89%
13) CI75 Perylene-d12	14.71	264	1112523	40.00	ng	0.00 91.54%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.37	77	367	N.D.	
3) E145 Acetophenone	6.38	105	407	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	1460	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

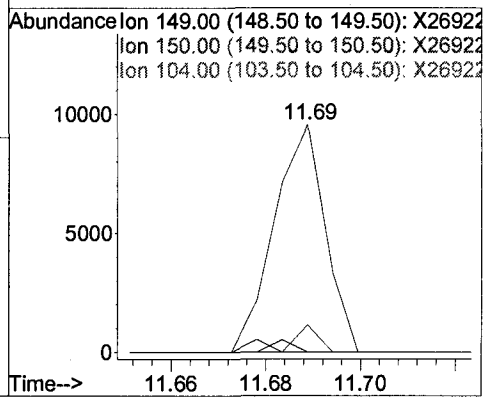
(#) = qualifier out of range (m) = manual integration (+) = signals summed

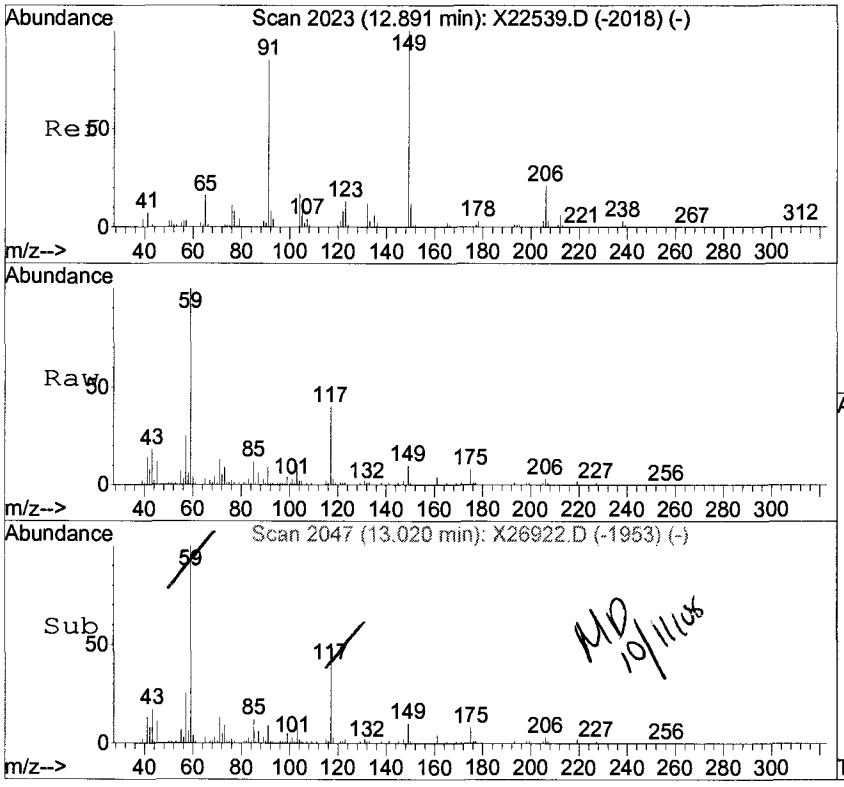


#66
C650 Di-n-butylphthalate
Concen: 0.30 ng
RT: 11.69 min Scan# 1798
Delta R.T. -0.00 min
Lab File: X26922.D
Acq: 2 Oct 2008 13:51

Tgt Ion:149 Resp: 7122

Ion	Ratio	Lower	Upper
149	100		
150	11.8	0.0	29.0
104	0.0	0.0	25.3

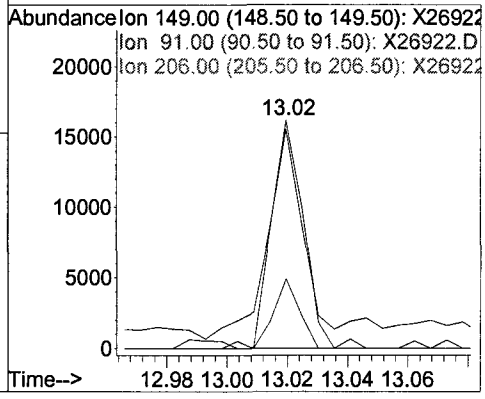


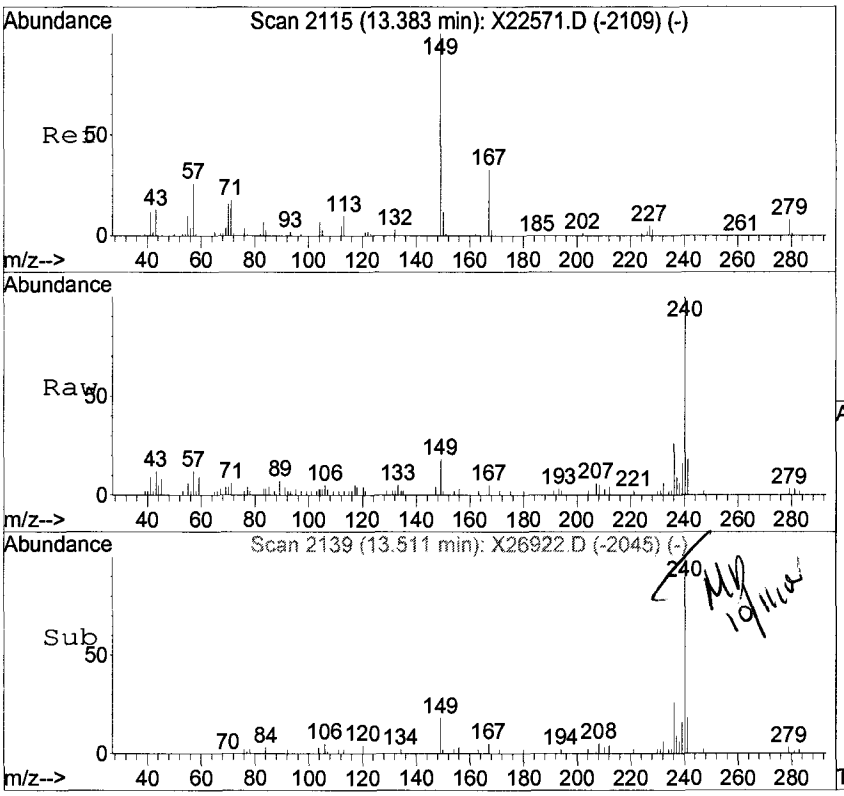


#72
C720 Butylbenzylphthalate
Concen: 0.84 ng
RT: 13.02 min Scan# 2047
Delta R.T. -0.00 min
Lab File: X26922.D
Acq: 2 Oct 2008 13:51

Tgt Ion:149 Resp: 12036

Ion	Ratio	Lower	Upper
149	100		
91	92.0	57.1	97.1
206	30.4	2.9	42.9

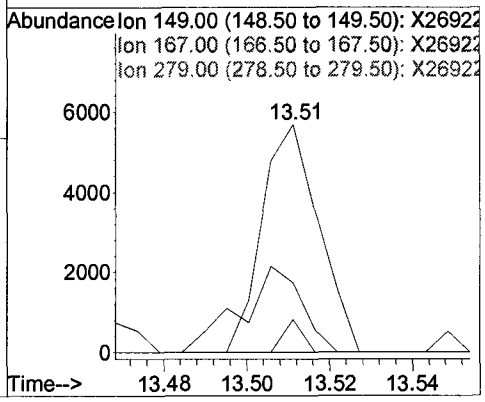




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.25 ng
RT: 13.51 min Scan# 2139
Delta R.T. -0.00 min
Lab File: X26922.D
Acq: 2 Oct 2008 13:51

Tgt Ion:149 Resp: 5407

Ion	Ratio	Lower	Upper
149	100		
167	30.5	16.2	56.2
279	14.3	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26824.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	50	U
208-96-8	Acenaphthylene	50	U
98-86-2	Acetophenone	50	U
120-12-7	Anthracene	50	U
1912-24-9	Atrazine	50	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	50	U
205-99-2	Benzo(b)fluoranthene	50	U
207-08-9	Benzo(k)fluoranthene	50	U
191-24-2	Benzo(ghi)perylene	50	U
50-32-8	Benzo(a)pyrene	50	U
92-52-4	Biphenyl	50	U
111-91-1	Bis(2-chloroethoxy) methane	50	U
111-44-4	Bis(2-chloroethyl) ether	50	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	50	U
117-81-7	Bis(2-ethylhexyl) phthalate	50	U
101-55-3	4-Bromophenyl phenyl ether	50	U
85-68-7	Butyl benzyl phthalate	50	U
106-47-8	4-Chloroaniline	50	U
59-50-7	4-Chloro-3-methylphenol	50	U
91-58-7	2-Chloronaphthalene	50	U
95-57-8	2-Chlorophenol	50	U
7005-72-3	4-Chlorophenyl phenyl ether	50	U
105-60-2	Caprolactam	250	U
86-74-8	Carbazole	50	U
218-01-9	Chrysene	50	U
53-70-3	Dibenzo(a,h)anthracene	50	U
132-64-9	Dibenzofuran	50	U
84-74-2	Di-n-butyl phthalate	1	BJ
91-94-1	3,3'-Dichlorobenzidine	50	U
120-83-2	2,4-Dichlorophenol	50	U
84-66-2	Diethyl phthalate	50	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26824.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	50	U
131-11-3	Dimethyl phthalate	50	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
51-28-5	2,4-Dinitrophenol	250	U
121-14-2	2,4-Dinitrotoluene	50	U
606-20-2	2,6-Dinitrotoluene	50	U
117-84-0	Di-n-octyl phthalate	50	U
206-44-0	Fluoranthene	50	U
86-73-7	Fluorene	50	U
118-74-1	Hexachlorobenzene	50	U
87-68-3	Hexachlorobutadiene	50	U
77-47-4	Hexachlorocyclopentadiene	50	U
67-72-1	Hexachloroethane	50	U
193-39-5	Indeno(1,2,3-cd)pyrene	50	U
78-59-1	Isophorone	50	U
91-57-6	2-Methylnaphthalene	50	U
95-48-7	2-Methylphenol	50	U
106-44-5	4-Methylphenol	50	U
91-20-3	Naphthalene	50	U
88-74-4	2-Nitroaniline	250	U
99-09-2	3-Nitroaniline	250	U
100-01-6	4-Nitroaniline	250	U
98-95-3	Nitrobenzene	50	U
88-75-5	2-Nitrophenol	50	U
100-02-7	4-Nitrophenol	250	U
86-30-6	N-nitrosodiphenylamine	50	U
621-64-7	N-Nitroso-Di-n-propylamine	50	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	50	U
108-95-2	Phenol	50	U
129-00-0	Pyrene	50	U
95-95-4	2,4,5-Trichlorophenol	50	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65301

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26824.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: 6.0

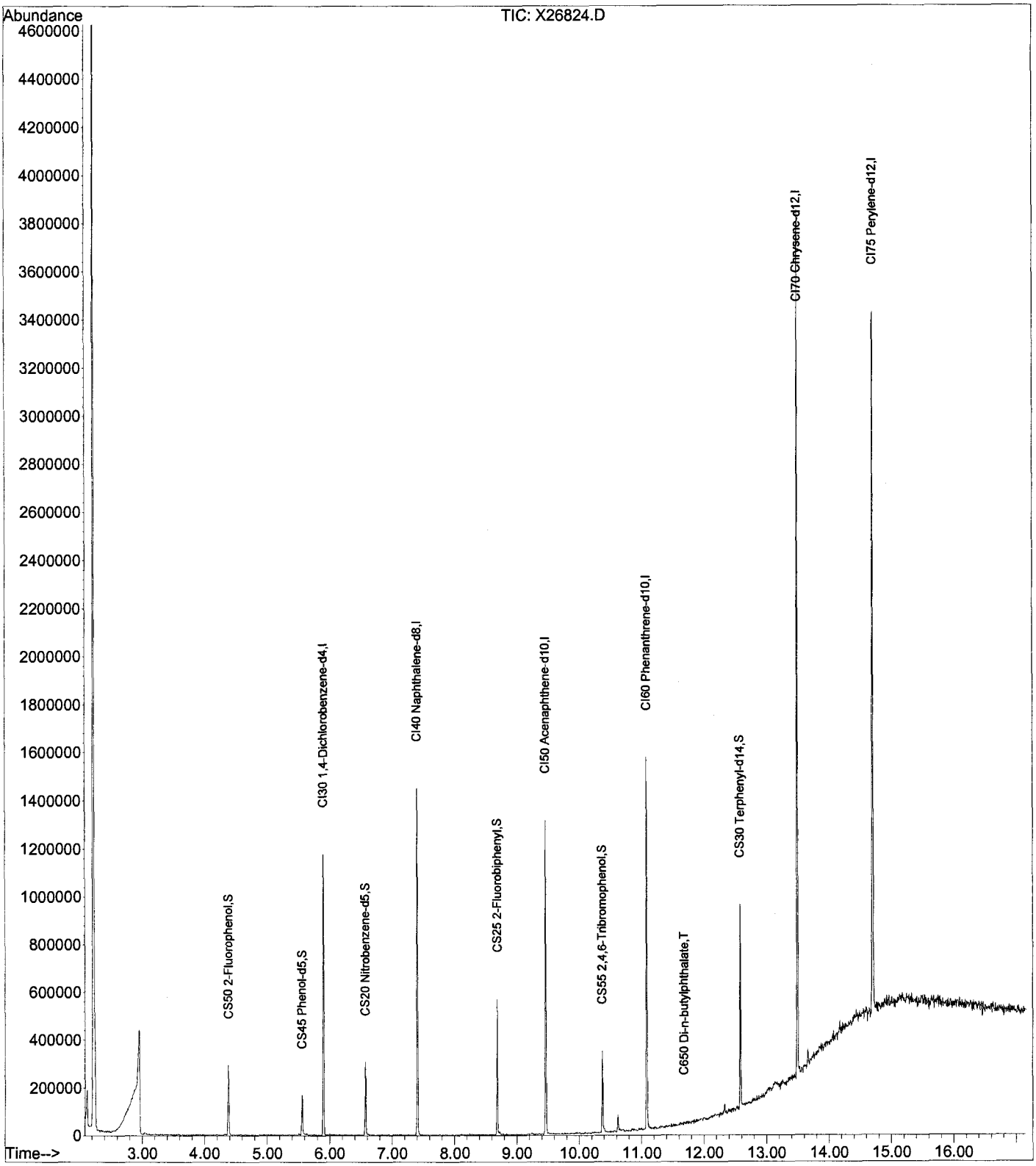
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	50	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26824.D
Acq On : 26 Sep 2008 19:28
Sample : A8B5301 DF5 AW80017321
Misc :
MS Integration Params: rteint.p

Vial: 29
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 14:10:11 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26824.D Vial: 29
Acq On : 26 Sep 2008 19:28 Operator: AJ
Sample : A8B5301 DF5 AW80017321 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 14:10:11 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

SS AD 9.30.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	181803	40.00	ng	0.00 87.18%
20) CI40 Naphthalene-d8	7.40	136	576827	40.00	ng	0.00 80.79%
35) CI50 Acenaphthene-d10	9.46	164	281419	40.00	ng	0.00 88.63%
56) CI60 Phenanthrene-d10	11.08	188	543864	40.00	ng	0.00 84.35%
68) CI70 Chrysene-d12	13.49	240	1166395	40.00	ng	0.00 130.35%
78) CI75 Perylene-d12	14.70	264	1118652	40.00	ng	0.01 112.26%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.38	112	76708	12.18	ng	0.03
Spiked Amount 150.000	Range 21 - 110		Recovery =	8.12%#		
5) CS45 Phenol-d5	5.55	99	60047	7.13	ng	0.03
Spiked Amount 150.000	Range 10 - 110		Recovery =	4.75%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	5.96	152	183	0.04	ng	-0.12
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.04%#		
21) CS20 Nitrobenzene-d5	6.57	82	94517	15.49	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	15.49%#		
39) CS25 2-Fluorobiphenyl	8.69	172	158064	14.52	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	14.52%#		
59) CS55 2,4,6-Tribromophenol	10.37	330	35138	26.53	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	17.69%		
71) CS30 Terphenyl-d14	12.58	244	223023	9.38	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	9.38%#		

Target Compounds				Qvalue
2) C705 n-nitrosodidimethyl	2.52	74	711	N.D.
4) C325 bis(2-Chloroethyl)e	5.61	93	164	N.D.
7) C315 Phenol	0.00	94	0	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	5.54	93	401	N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	0.00	108	0	N.D.
15) C360 bis(2-chloroisoprop	6.25	45	174	N.D.
16) C355 2-Methylphenol	0.00	108	0	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D.
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.
19) C365 4-Methylphenol	0.00	108	0	N.D.
22) C410 Nitrobenzene	6.57	77	474	N.D.
23) C415 Isophorone	6.65	82	820	N.D.
24) C430 benzoic acid	0.00	122	0	N.D. d
25) C420 2-Nitrophenol	0.00	139	0	N.D.
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.
27) C435 bis(2-Chloroethoxy)	7.34	93	164	N.D.
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.

10.15.08

Data File : D:\DATA\092608\X26824.D Vial: 29
Acq On : 26 Sep 2008 19:28 Operator: AJ
Sample : A8B5301 DF5 AW80017321 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 14:10:11 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

SS RD 9.30.08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.42	128	930	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	8.17	107	191	N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	
41) C530 2-Nitroaniline	8.81	65	165	N.D.	
42) C540 Acenaphthylene	0.00	152	0	N.D.	
43) C535 Dimethylphthalate	9.20	163	211	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
45) C550 Acenaphthene	0.00	153	0	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	0.00	168	0	N.D.	
49) C570 2,4-Dinitrotoluene	9.54	165	359	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D. d	
51) C590 Fluorene	0.00	166	0	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	10.01	149	975	N.D.	
54) C620 1,2-diphenylhydrazi	10.29	77	552	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D. d	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.10	178	614	N.D.	
64) C645 Anthracene	11.10	178	614	N.D.	
65) C647 carbazole	11.38	167	727	N.D.	
66) C650 Di-n-butylphthalate	11.68	149	3511	0.21 ng	78
67) C655 Fluoranthene	12.32	202	239	N.D.	
69) C715 Pyrene	12.32	202	239	N.D.	
70) C710 benzidine	12.28	184	213	N.D.	
72) C720 Butylbenzylphthalat	0.00	149	0	N.D. d	
73) C725 3,3'-Dichlorobenzid	13.45	252	717	N.D.	
74) C730 Benzo[a]anthracene	13.49	228	4249	N.D.	
75) C735 Chrysene	13.71	228	163	N.D.	
76) C740 bis(2-Ethylhexyl)ph	13.51	149	405	N.D.	
77) C760 Di-n-octylphthalate	0.00	149	0	N.D. d	
79) C765 Benzo[b]fluoranthen	14.39	252	1093	N.D.	
80) C770 Benzo[k]fluoranthen	14.39	252	1093	N.D.	
81) C775 Benzo[a]pyrene	14.57	252	777	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.70	276	1780	N.D.	
83) C785 Dibenz[a,h]anthrace	15.72	278	1197	N.D.	
84) C790 Benzo[g,h,i]perylen	15.99	276	1384	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

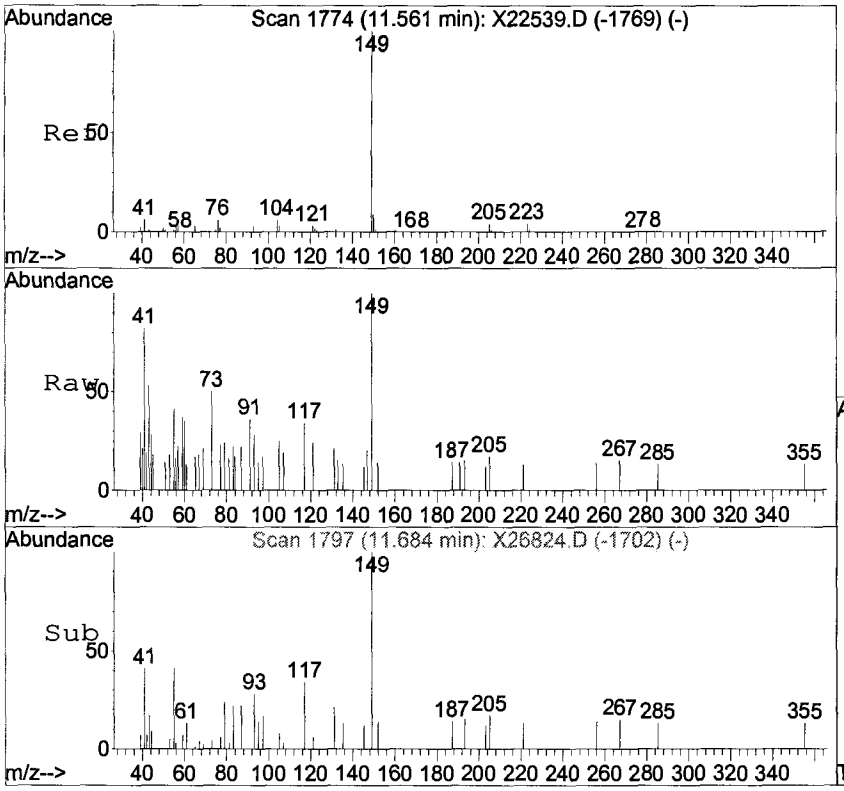
Data File : D:\DATA\092608\X26824.D Vial: 29
Acq On : 26 Sep 2008 19:28 Operator: AJ
Sample : A8B5301 DF5 AW80017321 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 14:17:56 2008 Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 14:17:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

SS AS 9.30.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	181803	40.00	ng	0.00 82.66%
4) CI40 Naphthalene-d8	7.40	136	576827	40.00	ng	0.00 69.48%
7) CI50 Acenaphthene-d8	9.46	164	281419	40.00	ng	0.00 70.79%
10) CI60 Phenanthrene-d10	11.08	188	543864	40.00	ng	0.00 69.38%
12) CI70 Chrysene-d12	13.49	240	1166395	40.00	ng	0.00 147.12%
13) CI75 Perylene-d12	14.70	264	1118652	40.00	ng	0.01 140.80%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.32	77	211	N.D.		
3) E145 Acetophenone	6.34	105	163	N.D.		
~~5) E655 Caprolactam~~	~~8.67~~	~~113~~	~~202~~	~~2.57~~	~~ng~~	~~# 3~~
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.80	154	195	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	11.47	200	185	N.D.		

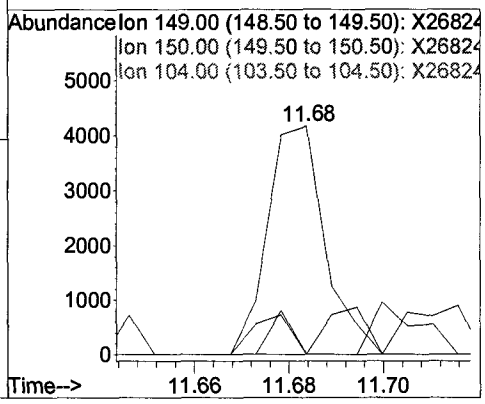
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#66
C650 Di-n-butylphthalate
Concen: 0.21 ng
RT: 11.68 min Scan# 1797
Delta R.T. 0.01 min
Lab File: X26824.D
Acq: 26 Sep 2008 19:28

Tgt Ion:149 Resp: 3511

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	29.0
104	0.0	0.0	25.3



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26825.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	0.5	J
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	0.6	J
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	0.5	J
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	53	U
86-74-8	Carbazole	0.9	J
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.6	J
84-74-2	Di-n-butyl phthalate	0.4	BJ
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26825.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
51-28-5	2,4-Dinitrophenol	53	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	1	J
86-73-7	Fluorene	0.8	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	7	J
88-74-4	2-Nitroaniline	53	U
99-09-2	3-Nitroaniline	53	U
100-01-6	4-Nitroaniline	53	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	53	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	3	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	0.5	J
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26825.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

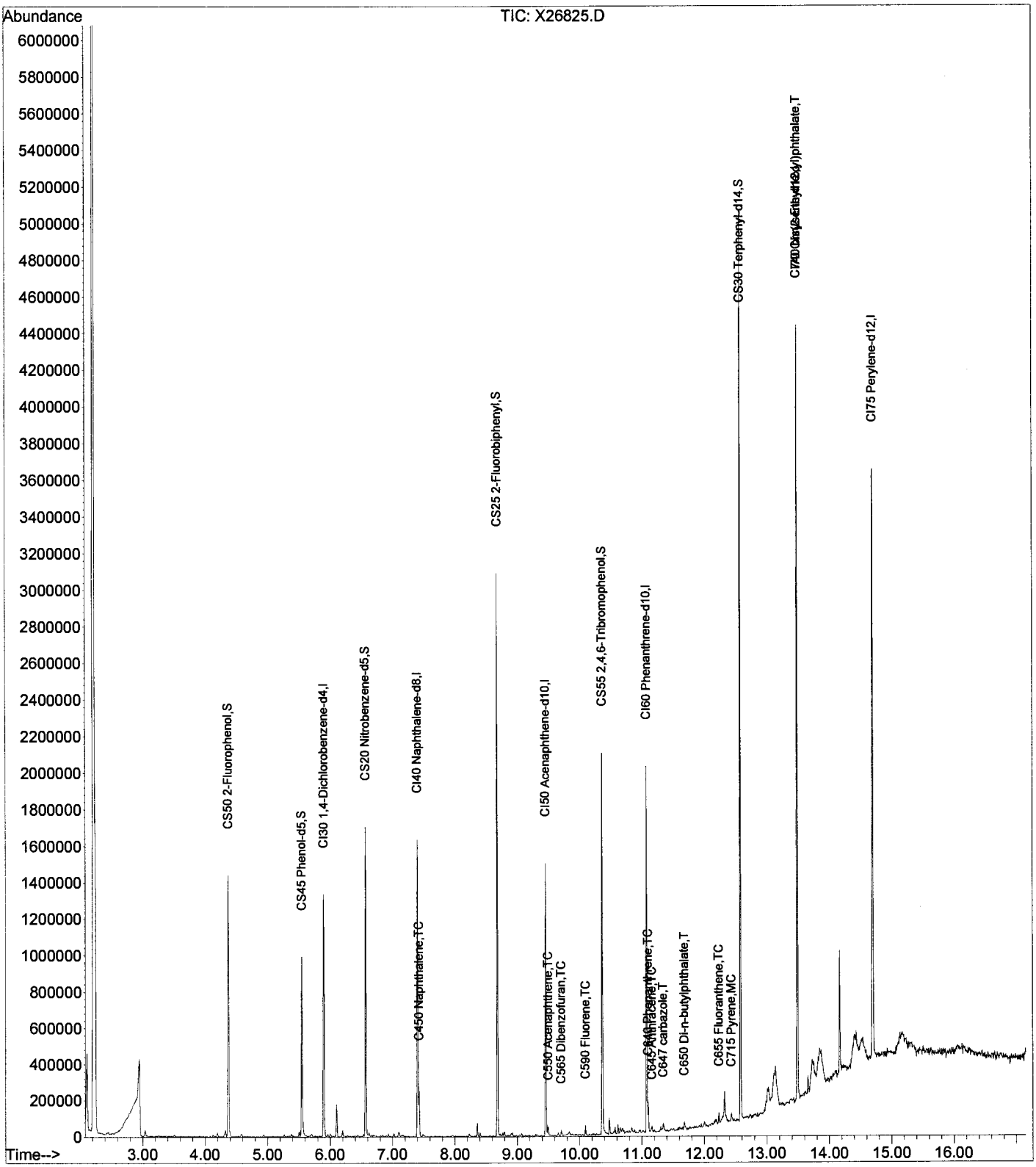
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26825.D
Acq On : 26 Sep 2008 19:51
Sample : A8B5302 AW80017322
Misc :
MS Integration Params: rteint.p

Vial: 30
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 14:12:34 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26825.D Vial: 30
Acq On : 26 Sep 2008 19:51 Operator: AJ
Sample : A8B5302 AW80017322 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 14:12:34 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

SS AD 9.30.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	201097	40.00	ng	0.00 96.43%
20) CI40 Naphthalene-d8	7.40	136	652760	40.00	ng	0.00 91.42%
35) CI50 Acenaphthene-d10	9.46	164	325898	40.00	ng	0.00 102.64%
56) CI60 Phenanthrene-d10	11.08	188	643256	40.00	ng	0.00 99.77%
68) CI70 Chrysene-d12	13.49	240	1340815	40.00	ng	0.00 149.84%
78) CI75 Perylene-d12	14.70	264	1289167	40.00	ng	0.01 129.37%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.37	112	402496	57.79	ng	0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 38.53%			
5) CS45 Phenol-d5	5.55	99	326574	35.06	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 23.37%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	5.96	152	374	0.08	ng	-0.12
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.08%#			
21) CS20 Nitrobenzene-d5	6.57	82	503846	72.97	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 72.97%			
39) CS25 2-Fluorobiphenyl	8.69	172	882531	69.98	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 69.98%			
59) CS55 2,4,6-Tribromophenol	10.37	330	198913	126.97	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 84.65%			
71) CS30 Terphenyl-d14	12.58	244	1146497	41.95	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 41.95%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)e	5.61	93	359	N.D.	
7) C315 Phenol	0.00	94	0	N.D. d	
8) C330 2-Chlorophenol	5.68	128	567	N.D.	
9) C320 aniline	5.54	93	465	N.D.	
10) C335 1,3-Dichlorobenzene	5.83	146	760	N.D.	
11) C340 1,4-Dichlorobenzene	5.92	146	818	N.D.	
13) C350 1,2-Dichlorobenzene	6.09	146	640	N.D.	
14) C345 Benzyl alcohol	6.11	108	432	N.D.	
15) C360 bis(2-chloroisoprop	6.24	45	708	N.D.	
16) C355 2-Methylphenol	6.27	108	217	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D. d	
18) C370 N-Nitroso-di-n-prop	6.40	70	165	N.D.	
19) C365 4-Methylphenol	6.57	108	162	N.D.	
22) C410 Nitrobenzene	6.59	77	647	N.D.	
23) C415 Isophorone	6.69	82	1267	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D. d	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	7.09	107	242	N.D.	
27) C435 bis(2-Chloroethoxy)	7.08	93	188	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

@ 10.15.08

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26825.D
Acq On : 26 Sep 2008 19:51
Sample : A8B5302 AW80017322
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 14:12:34 2008

Vial: 30
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

SS AD 9.30.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	7.33	180	191	N.D.		
30) C450 Naphthalene	7.42	128	107788	6.31	ng	97
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	8.15	107	164	N.D.		
34) C470 2-Methylnaphthalene	8.25	142	1783	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	8.77	162	1694	N.D.		
41) C530 2-Nitroaniline	8.96	65	165	N.D.		
42) C540 Acenaphthylene	9.29	152	1975	N.D.		
43) C535 Dimethylphthalate	8.77	163	1019	N.D.		
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45) C550 Acenaphthene	9.49	153	4769	0.52	ng	92
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	d	
48) C565 Dibenzofuran	9.71	168	8267	0.53	ng	73
49) C570 2,4-Dinitrotoluene	9.99	165	580	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.	d	
51) C590 Fluorene	10.10	166	10404	0.81	ng	91
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	10.01	149	542	N.D.		
54) C620 1,2-diphenylhydrazi	10.27	77	758	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.	d	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	d	
58) C615 n-Nitrosodiphenylam	10.29	169	170	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	10.99	284	164	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	11.10	178	48896	2.75	ng	97
64) C645 Anthracene	11.15	178	9830	0.54	ng	73
65) C647 carbazole	11.34	167	15443	0.90	ng	90
66) C650 Di-n-butylphthalate	11.68	149	8478	0.42	ng	95
67) C655 Fluoranthene	12.23	202	18874	0.91	ng	90
69) C715 Pyrene	12.43	202	16563	0.47	ng	78
70) C710 benzidine	12.32	184	667	N.D.		
72) C720 Butylbenzylphthalat	12.86	149	1387	N.D.		
73) C725 3,3'-Dichlorobenzid	13.48	252	162	N.D.		
74) C730 Benzo[a]anthracene	13.49	228	6490	N.D.		
75) C735 Chrysene	13.49	228	6490	N.D.		
76) C740 bis(2-Ethylhexyl)phth	13.50	149	13616	0.61	ng	94
77) C760 Di-n-octylphthalate	0.00	149	0	N.D.	d	
79) C765 Benzo[b]fluoranthen	14.37	252	4397	N.D.		
80) C770 Benzo[k]fluoranthen	14.37	252	4397	N.D.		
81) C775 Benzo[a]pyrene	14.64	252	2825	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	15.70	276	3326	N.D.		
83) C785 Dibenz[a,h]anthrace	15.70	278	917	N.D.		
84) C790 Benzo[g,h,i]perylen	16.01	276	661	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26825.D
Acq On : 26 Sep 2008 19:51
Sample : A8B5302 AW80017322
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 14:19:35 2008

Vial: 30
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0700.RES

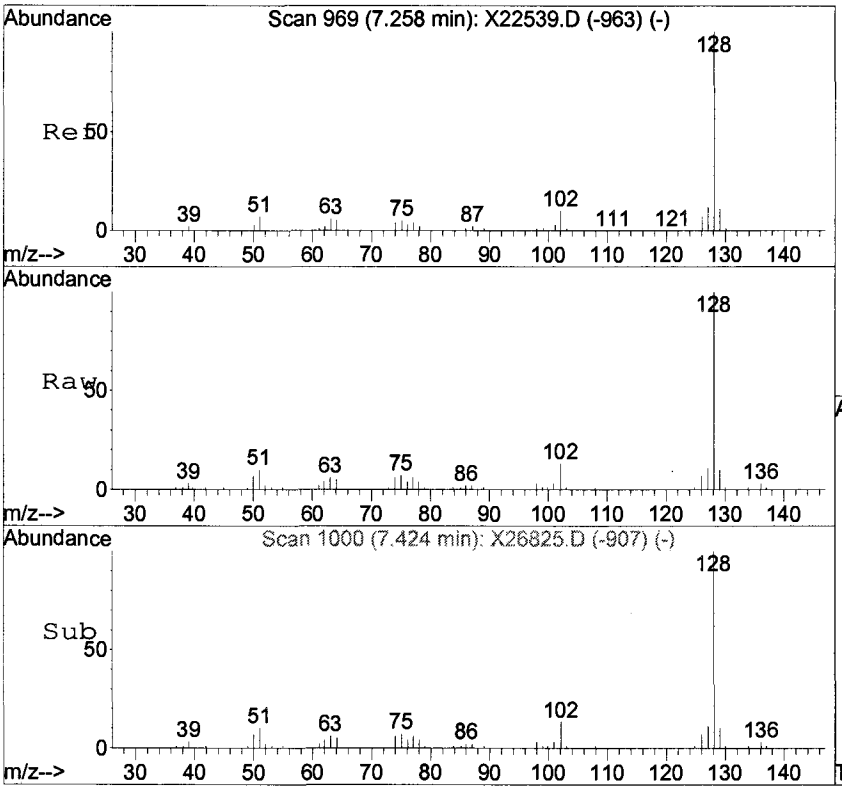
SS AJ 9.30.08

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 14:17:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	201097	40.00	ng	0.00 91.43%
4) CI40 Naphthalene-d8	7.40	136	652760	40.00	ng	0.00 78.62%
7) CI50 Acenaphthene-d8	9.46	164	325898	40.00	ng	0.00 81.97%
10) CI60 Phenanthrene-d10	11.08	188	643256	40.00	ng	0.00 82.06%
12) CI70 Chrysene-d12	13.49	240	1340815	40.00	ng	0.00 169.12%
13) CI75 Perylene-d12	14.70	264	1289544	40.00	ng	0.01 162.31%

Target Compounds						Qvalue
2) E600 Benzaldehyde	5.38	77	1088	N.D.		
3) E145 Acetophenone	6.40	105	1119	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.	d	
6) E195 1,2,4,5-Tetrachloro	8.44	216	191	N.D.		
8) C811 1,1'-Bipheny1	8.80	154	6519	0.44	ng	# 50
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	10.55	200	185	N.D.		

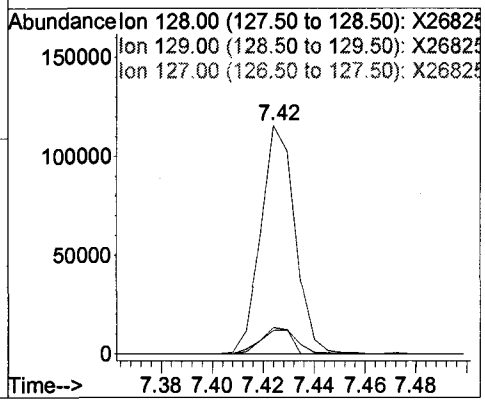
(#) = qualifier out of range (m) = manual integration (+) = signals summed

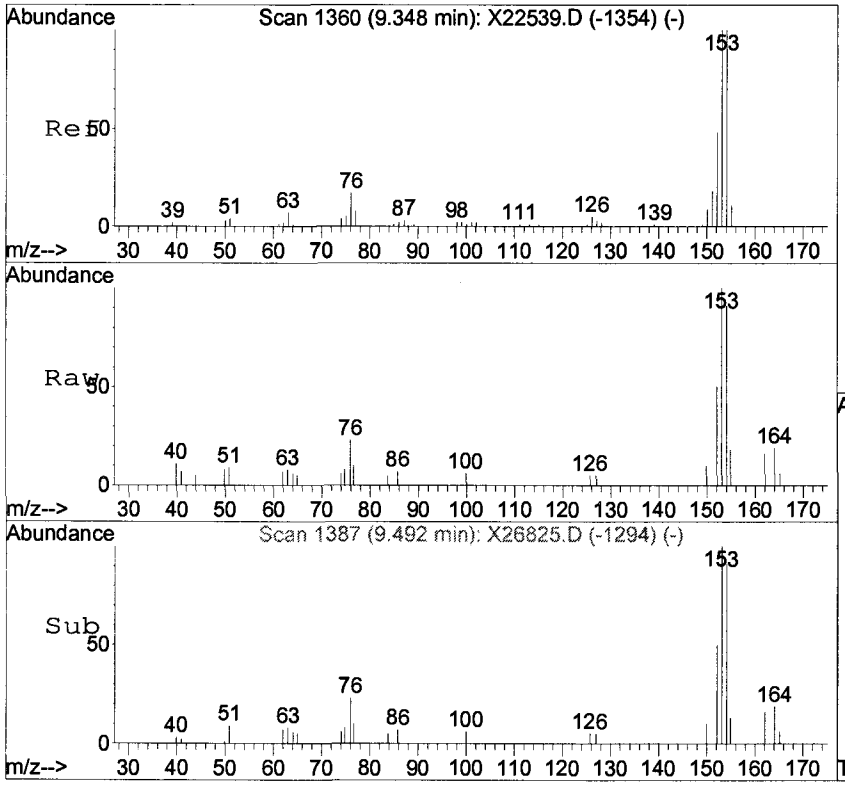


#30
C450 Naphthalene
Concen: 6.31 ng
RT: 7.42 min Scan# 1000
Delta R.T. -0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:128 Resp: 107788

Ion	Ratio	Lower	Upper
128	100		
129	10.1	0.0	31.0
127	11.4	0.0	32.6

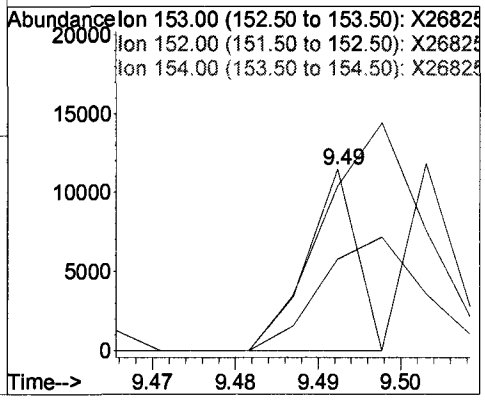


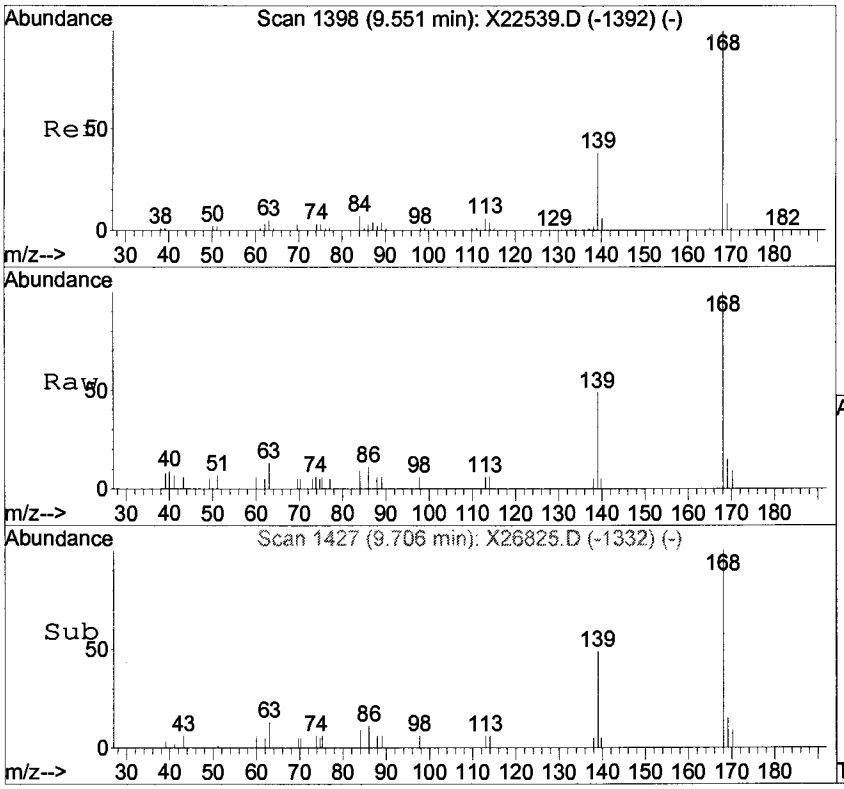


#45
C550 Acenaphthene
Concen: 0.52 ng
RT: 9.49 min Scan# 1387
Delta R.T. -0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:153 Resp: 4769

Ion	Ratio	Lower	Upper
153	100		
152	50.1	24.0	64.0
154	90.6	78.2	118.2

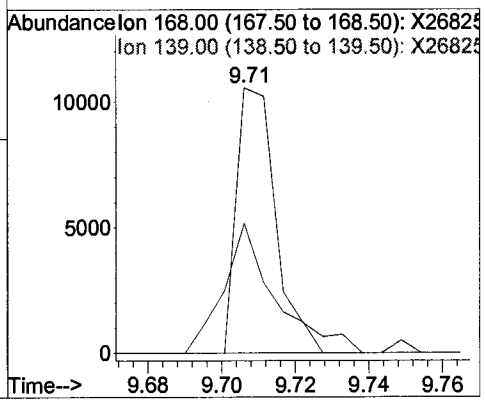


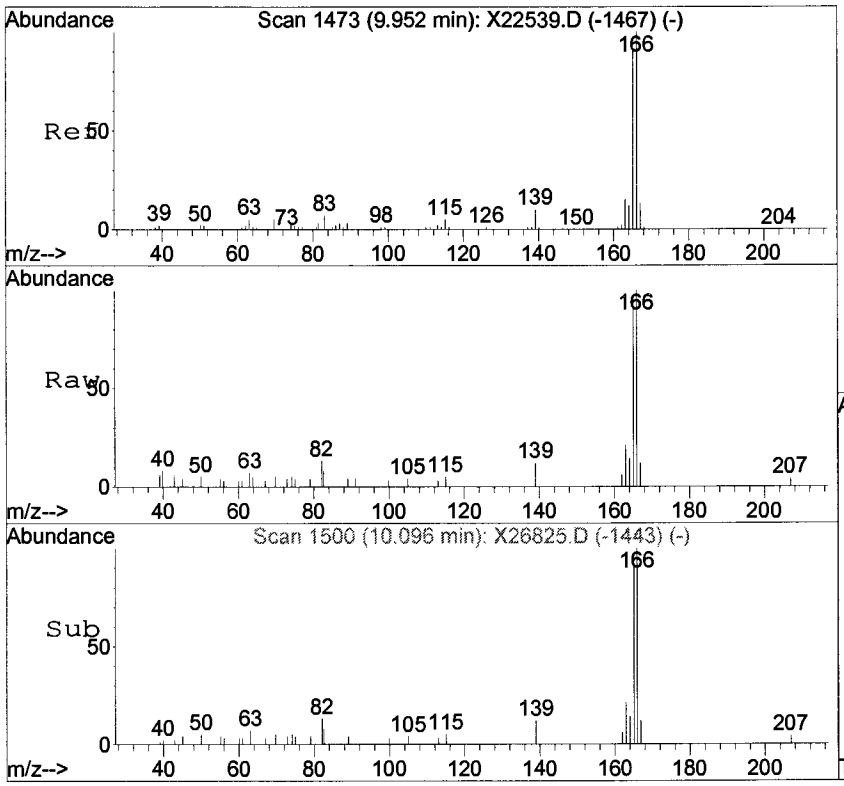


#48
C565 Dibenzofuran
Concen: 0.53 ng
RT: 9.71 min Scan# 1427
Delta R.T. 0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:168 Resp: 8267

Ion	Ratio	Lower	Upper
168	100		
139	48.9	13.4	53.4

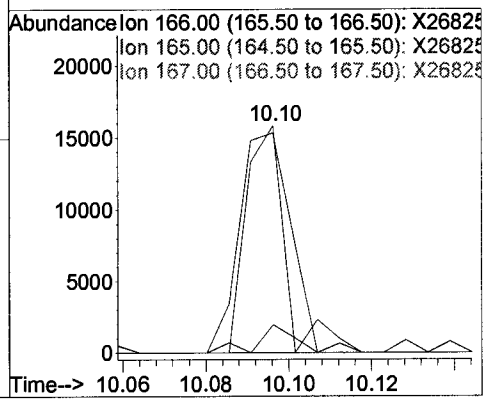


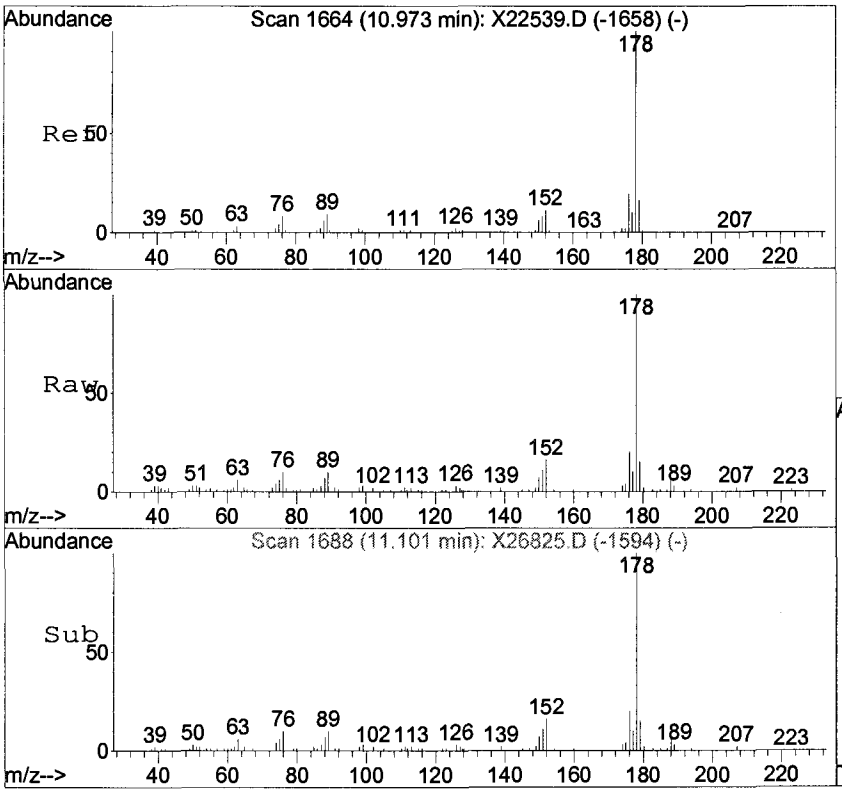


#51
C590 Fluorene
Concen: 0.81 ng
RT: 10.10 min Scan# 1500
Delta R.T. 0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:166 Resp: 10404

Ion	Ratio	Lower	Upper
166	100		
165	96.9	67.6	107.6
167	12.3	0.0	33.3

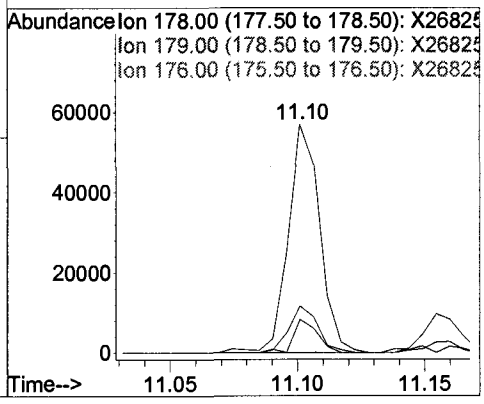


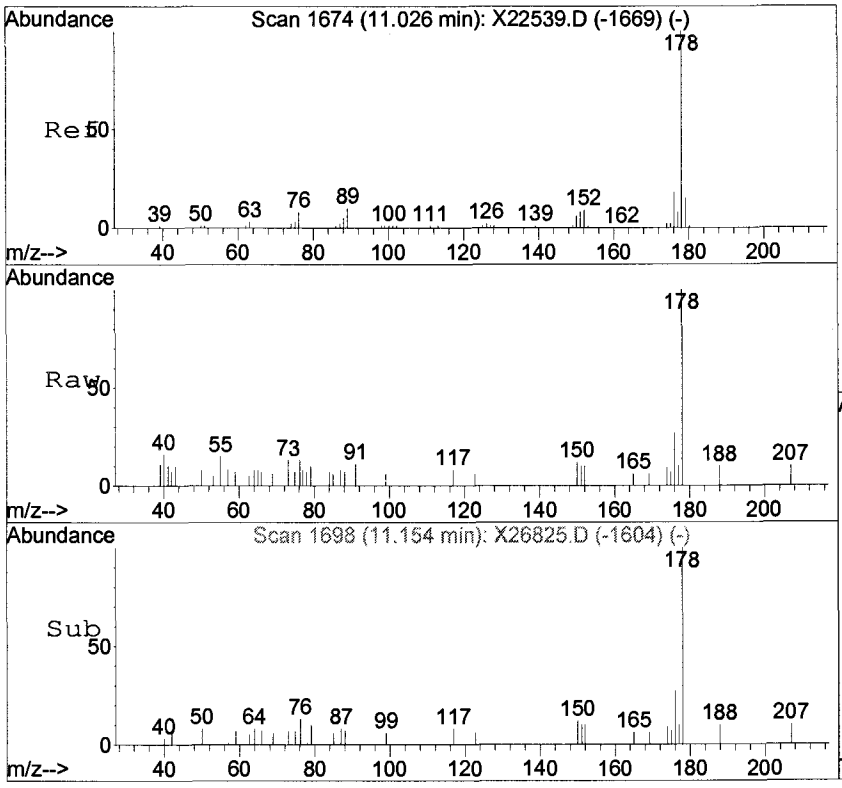


#63
C640 Phenanthrene
Concen: 2.75 ng
RT: 11.10 min Scan# 1688
Delta R.T. 0.00 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:178 Resp: 48896

Ion	Ratio	Lower	Upper
178	100		
179	14.7	0.0	35.2
176	20.5	0.0	38.7

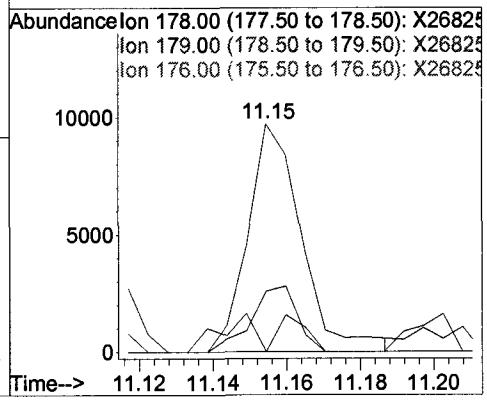


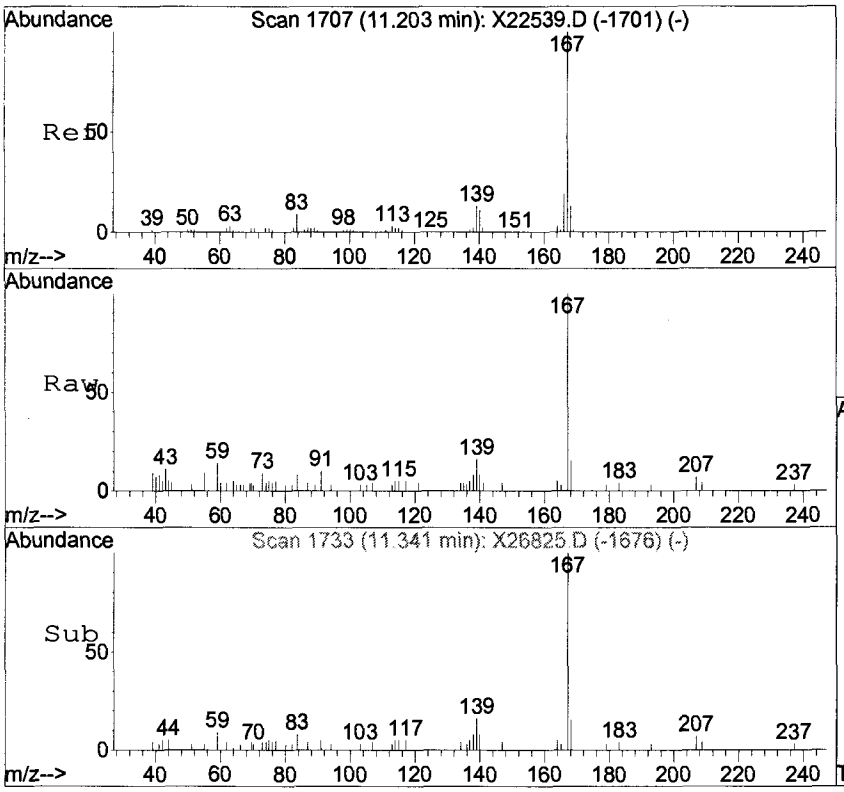


#64
C645 Anthracene
Concen: 0.54 ng
RT: 11.15 min Scan# 1698
Delta R.T. 0.00 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:178 Resp: 9830

Ion	Ratio	Lower	Upper
178	100		
179	0.0	0.0	35.2
176	26.5	0.0	38.0

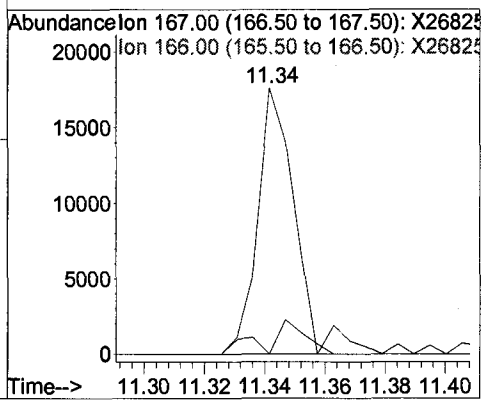


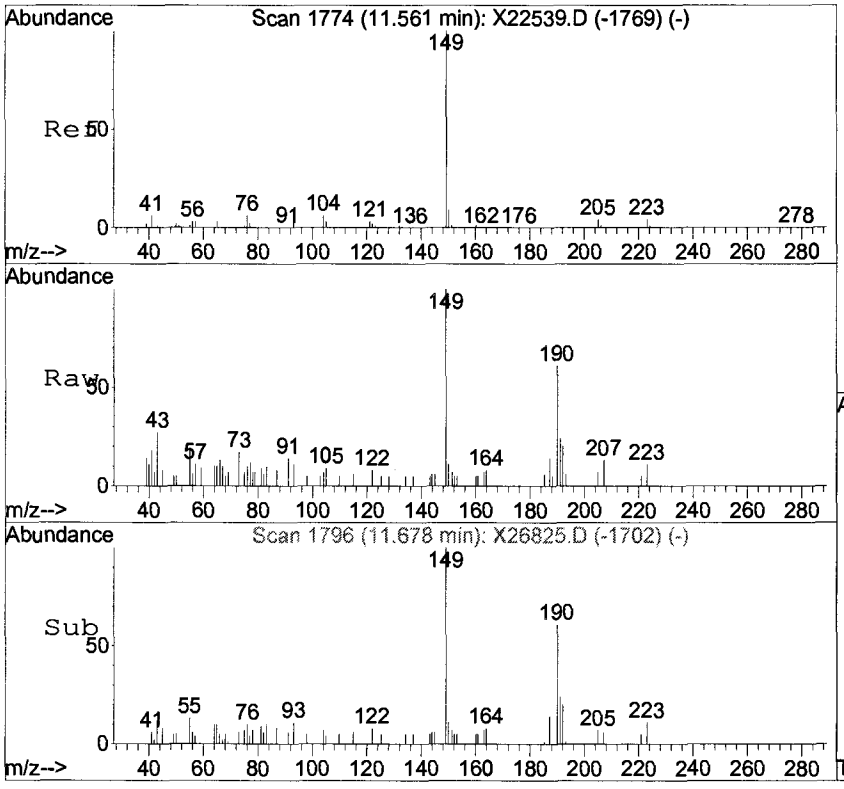


#65
C647 carbazole
Concen: 0.90 ng
RT: 11.34 min Scan# 1733
Delta R.T. 0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:167 Resp: 15443

Ion	Ratio	Lower	Upper
167	100		
166	13.3	0.0	37.5

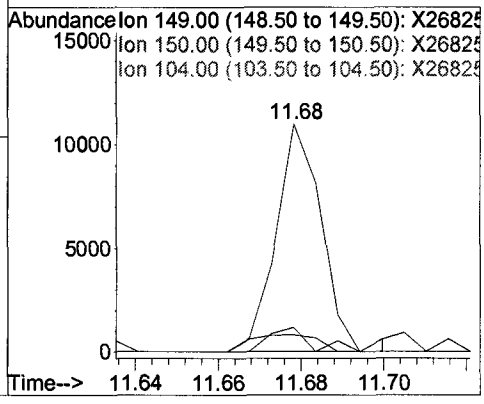


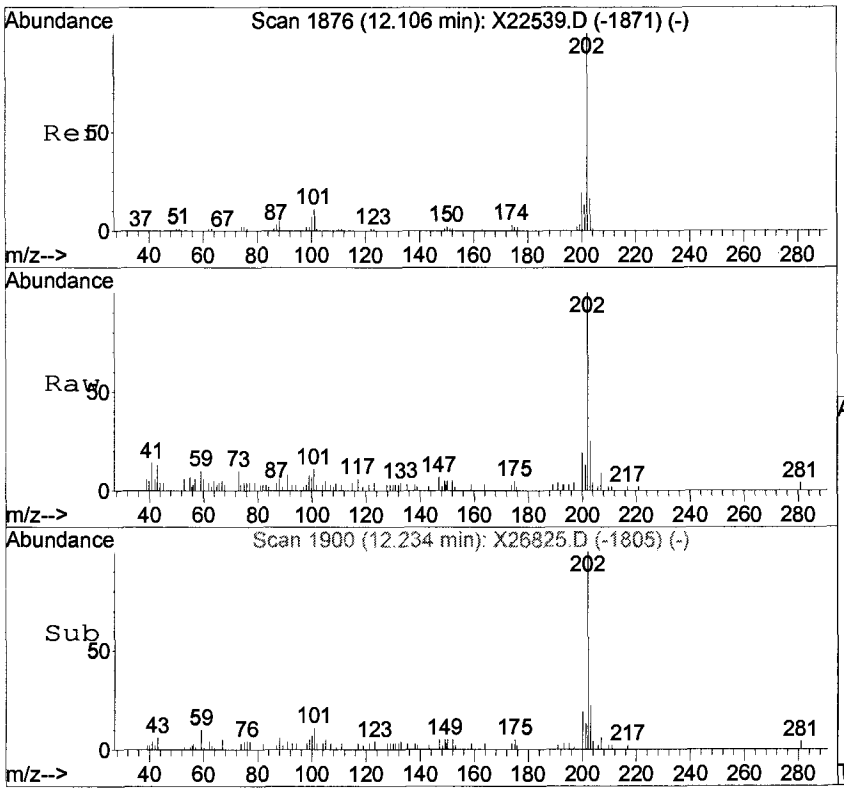


#66
C650 Di-n-butylphthalate
Concen: 0.42 ng
RT: 11.68 min Scan# 1796
Delta R.T. 0.00 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:149 Resp: 8478

Ion	Ratio	Lower	Upper
149	100		
150	10.6	0.0	29.0
104	7.3	0.0	25.3

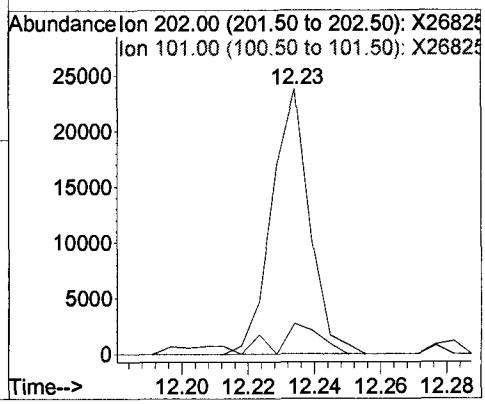


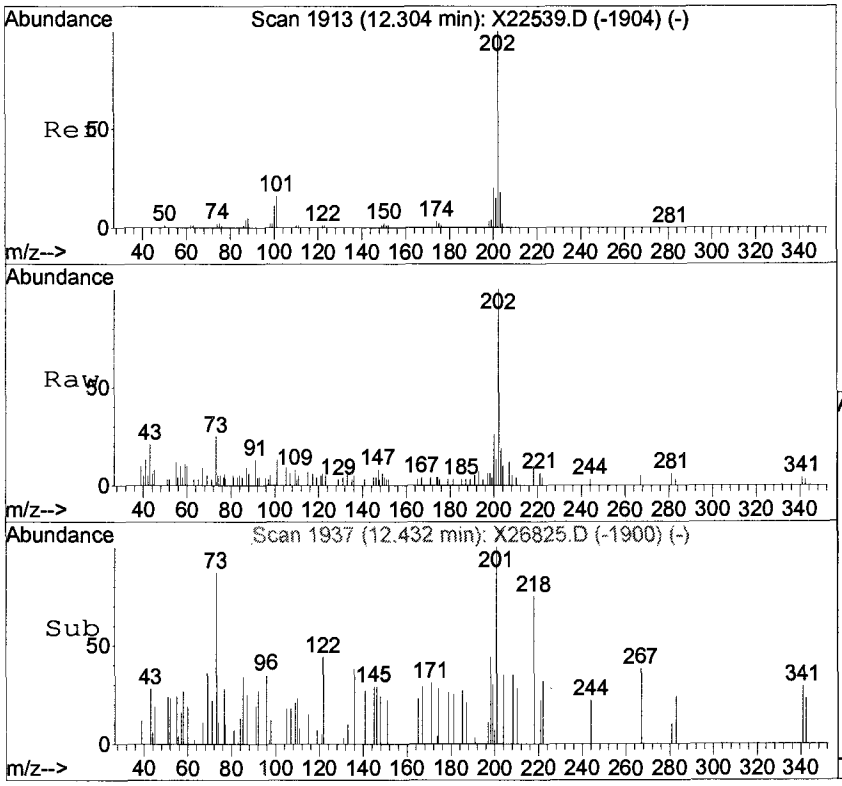


#67
C655 Fluoranthene
Concen: 0.91 ng
RT: 12.23 min Scan# 1900
Delta R.T. 0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:202 Resp: 18874

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	35.8

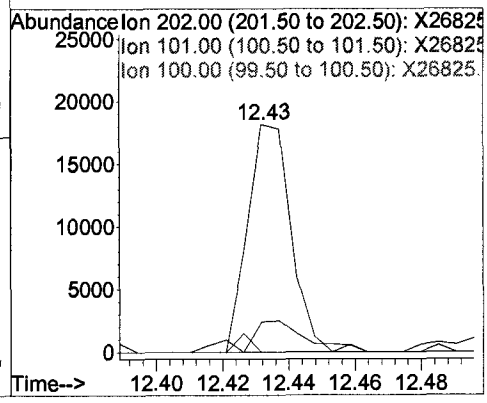


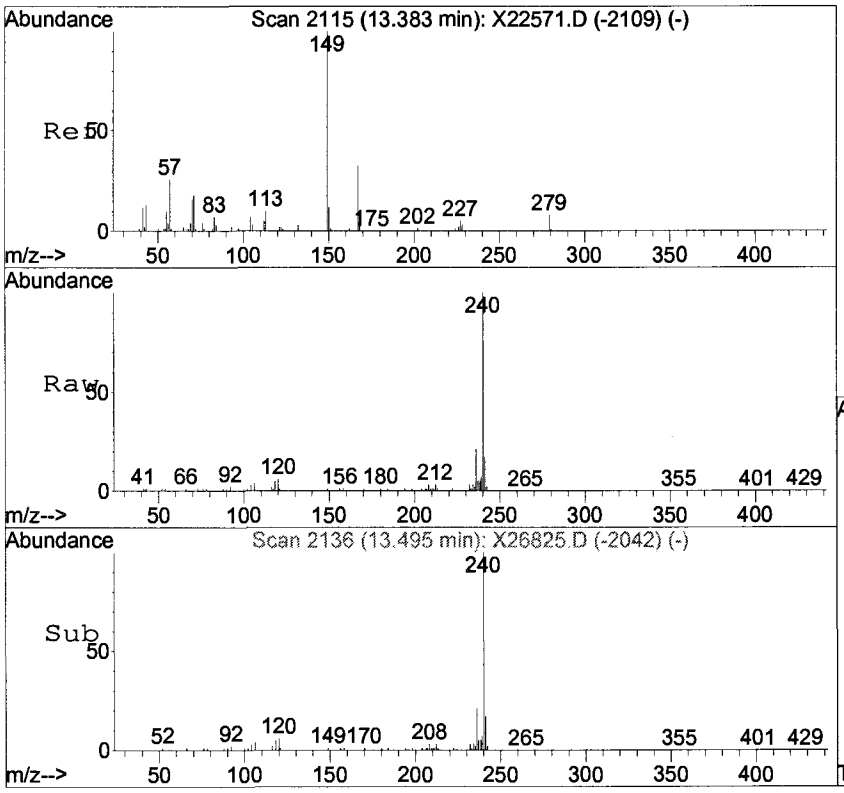


#69
C715 Pyrene
Concen: 0.47 ng
RT: 12.43 min Scan# 1937
Delta R.T. 0.00 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:202 Resp: 16563

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	39.0
100	0.0	0.0	34.4

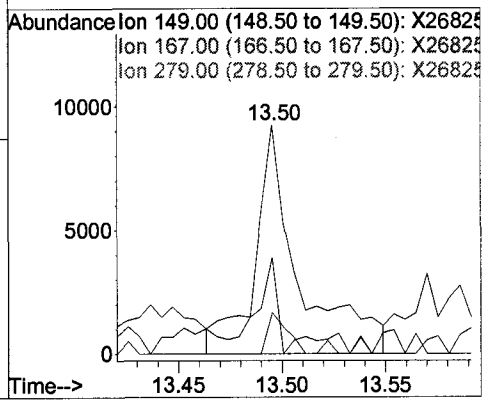


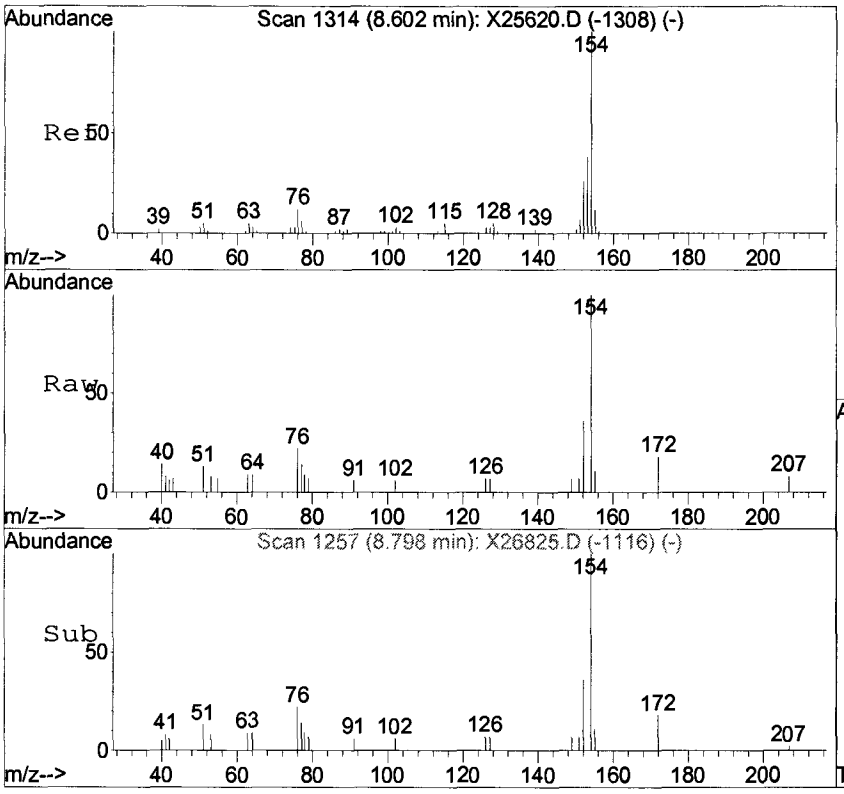


#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.61 ng
RT: 13.50 min Scan# 2136
Delta R.T. 0.00 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:149 Resp: 13616

Ion	Ratio	Lower	Upper
149	100		
167	36.8	16.2	56.2
279	20.2	0.0	31.4

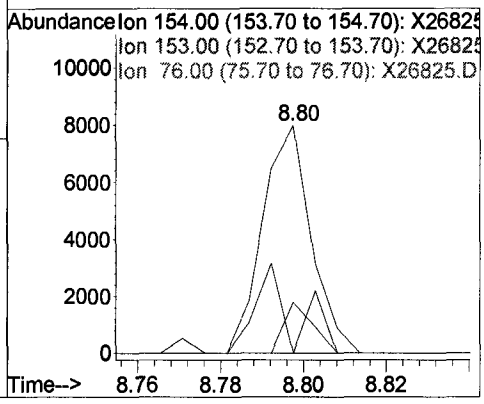




#8
C811 1,1'-Biphenyl
Concen: 0.44 ng
RT: 8.80 min Scan# 1257
Delta R.T. 0.01 min
Lab File: X26825.D
Acq: 26 Sep 2008 19:51

Tgt Ion:154 Resp: 6519

Ion	Ratio	Lower	Upper
154	100		
153	0.0	15.6	55.6#
76	22.4	0.0	33.6



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26925.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	J
208-96-8	Acenaphthylene	7	J
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	0.3	J
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	15	
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	53	U
86-74-8	Carbazole	0.2	J
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	0.3	J
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	0.4	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26925.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
51-28-5	2,4-Dinitrophenol	53	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	1	J
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	7	BJ
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	100	B
88-74-4	2-Nitroaniline	53	U
99-09-2	3-Nitroaniline	53	U
100-01-6	4-Nitroaniline	53	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	53	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	1	J
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79407

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26925.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

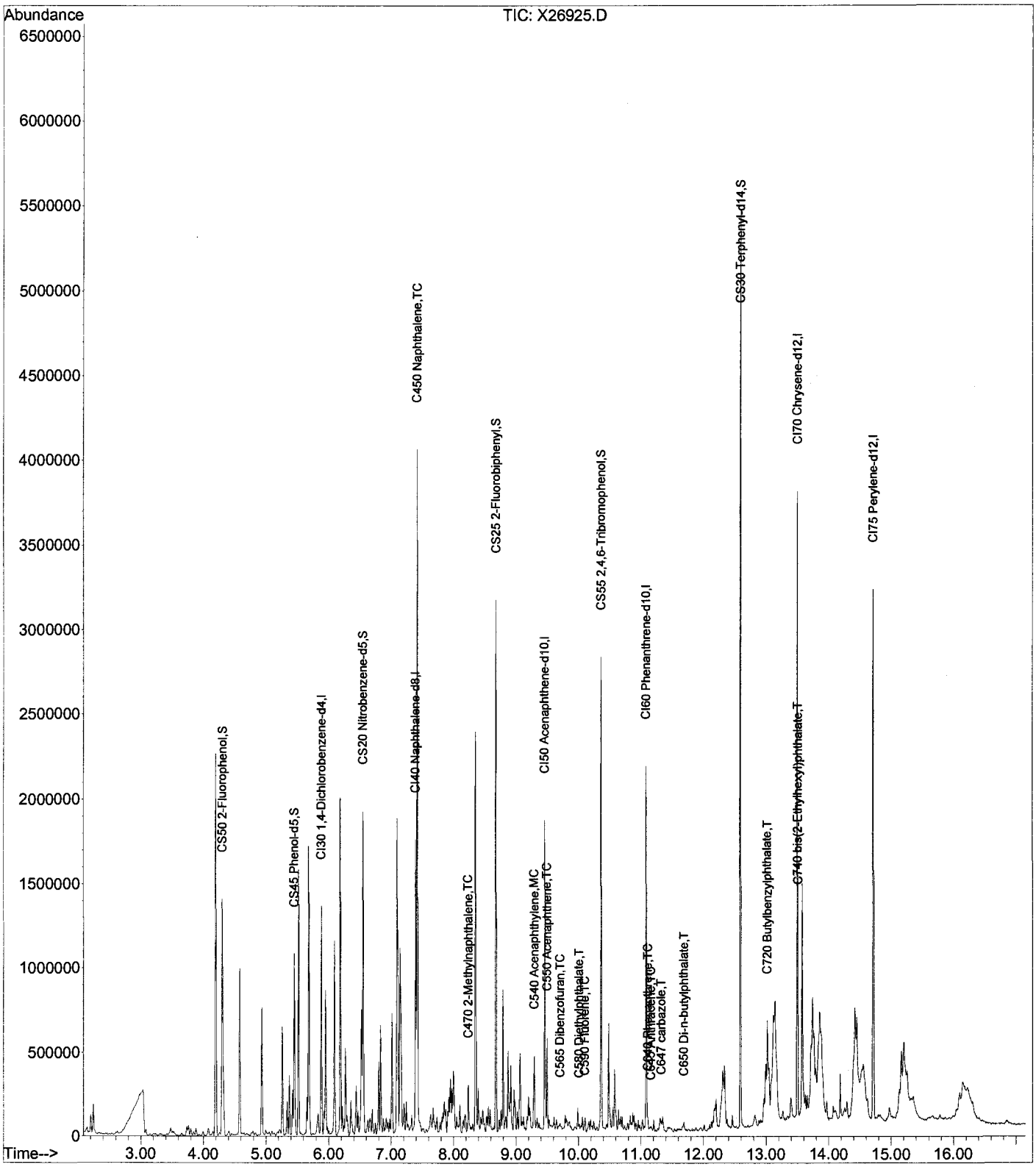
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Data File : D:\DATA\100208\X26925.D
Acq On : 2 Oct 2008 15:00
Sample : A8B79407 AW80017849
Misc :
MS Integration Params: rteint.p

Vial: 18
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 03 08:40:38 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26925.D Vial: 18
Acq On : 2 Oct 2008 15:00 Operator: AJ
Sample : A8B79407 AW80017849 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:40:38 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	177863	40.00	ng	0.00 103.02%
20) CI40 Naphthalene-d8	7.39	136	613053	40.00	ng	0.00 101.77%
35) CI50 Acenaphthene-d10	9.46	164	383373	40.00	ng	0.00 111.40%
56) CI60 Phenanthrene-d10	11.09	188	694982	40.00	ng	0.00 110.49%
68) CI70 Chrysene-d12	13.50	240	1201252	40.00	ng	0.00 138.64%
78) CI75 Perylene-d12	14.71	264	1190389	40.00	ng	0.00 101.32%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	343006	50.04	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.36%			
5) CS45 Phenol-d5	5.45	99	336289	38.51	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 25.67%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	524366	67.81	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.81%			
39) CS25 2-Fluorobiphenyl	8.68	172	848066	61.75	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 61.75%			
59) CS55 2,4,6-Tribromophenol	10.37	330	243845	139.56	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 93.04%			
71) CS30 Terphenyl-d14	12.59	244	1180998	52.76	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 52.76%			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d
4) C325 bis(2-Chloroethyl)e	5.59	93	243	N.D.
7) C315 Phenol	5.46	94	1656	N.D.
8) C330 2-Chlorophenol	0.00	128	0	N.D.
9) C320 aniline	0.00	93	0	N.D. d
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.
11) C340 1,4-Dichlorobenzene	5.91	146	167	N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) C345 Benzyl alcohol	6.07	108	876	N.D.
15) C360 bis(2-chloroisoprop	6.19	45	613	N.D.
16) C355 2-Methylphenol	6.18	108	422	N.D.
17) C375 Hexachloroethane	0.00	117	0	N.D. d
18) C370 N-Nitroso-di-n-prop	6.38	70	530	N.D.
19) C365 4-Methylphenol	6.30	108	346	N.D.
22) C410 Nitrobenzene	0.00	77	0	N.D. d
23) C415 Isophorone	0.00	82	0	N.D. d
24) C430 benzoic acid	0.00	122	0	N.D. d
25) C420 2-Nitrophenol	6.85	139	290	N.D.
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D. d
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D. d
28) C440 2,4-Dichlorophenol	7.36	162	508	N.D.

10.1.08

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26925.D Vial: 18
Acq On : 2 Oct 2008 15:00 Operator: AJ
Sample : A8B79407 AW80017849 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:40:38 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.3.08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.42	128	1568959	97.17 ng	99
31) C455 4-Chloroaniline	0.00	127	0	N.D. d	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D. d	
34) C470 2-Methylnaphthalene	8.24	142	67885	6.34 ng	94
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0	N.D. d	
41) C530 2-Nitroaniline	0.00	65	0	N.D. d	
42) C540 Acenaphthylene	9.29	152	124360	6.99 ng	96
43) C535 Dimethylphthalate	0.00	163	0	N.D. d	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
45) C550 Acenaphthene	9.50	153	90926	8.36 ng	95
46) C545 3-Nitroaniline	9.36	138	252	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.70	168	4405	0.27 ng	94
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D. d	
50) C560 4-Nitrophenol	0.00	109	0	N.D. d	
51) C590 Fluorene	10.10	166	16666	1.22 ng	96
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	10.01	149	5793	0.43 ng	88
54) C620 1,2-diphenylhydrazi	10.28	77	335	N.D.	
55) C595 4-Nitroaniline	10.50	138	345	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	10.25	169	1045	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.11	178	21175	1.11 ng	97
64) C645 Anthracene	11.16	178	6575	0.33 ng	90
65) C647 carbazole	11.33	167	4087	0.21 ng	86
66) C650 Di-n-butylphthalate	11.69	149	8828	0.37 ng	94
67) C655 Fluoranthene	12.23	202	1443	N.D.	
69) C715 Pyrene	12.44	202	1891	N.D.	
70) C710 benzidine	12.34	184	1097	N.D.	
72) C720 Butylbenzylphthalate	13.02	149	10533	0.70 ng	86
73) C725 3,3'-Dichlorobenzid	13.47	252	2627	N.D.	
74) C730 Benzo[a]anthracene	13.50	228	3584	N.D.	
75) C735 Chrysene	13.50	228	3584	N.D.	
76) C740 bis(2-Ethylhexyl)phth	13.51	149	6595	0.29 ng	77
77) C760 Di-n-octylphthalate	14.07	149	4979	N.D.	
79) C765 Benzo[b]fluoranthen	14.40	252	170	N.D.	
80) C770 Benzo[k]fluoranthen	14.40	252	170	N.D.	
81) C775 Benzo[a]pyrene	14.71	252	4862	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.71	276	732	N.D.	
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.	
84) C790 Benzo[g,h,i]perylen	16.00	276	556	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26925.D Vial: 18
Acq On : 2 Oct 2008 15:00 Operator: AJ
Sample : A8B79407 AW80017849 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:27:19 2008 Results File: A8I0722.RES

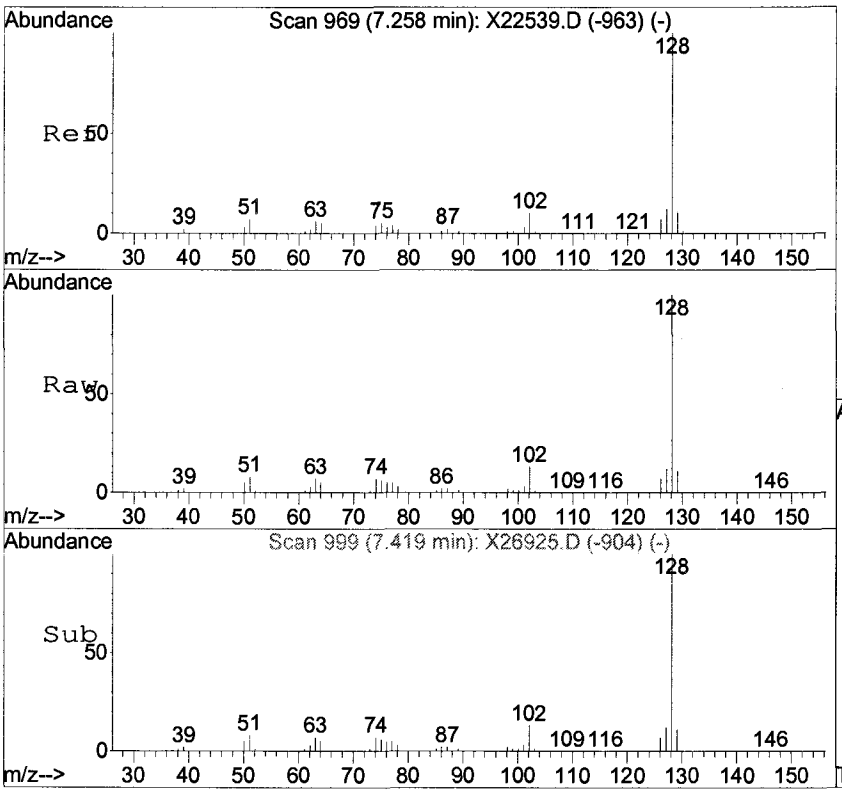
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS AJ 10-6-08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	177863	40.00 ng	0.00 76.43%
4) CI40 Naphthalene-d8	7.39	136	613053	40.00 ng	0.00 72.83%
7) CI50 Acenaphthene-d8	9.46	164	383373	40.00 ng	0.00 84.72%
10) CI60 Phenanthrene-d10	11.09	188	694982	40.00 ng	0.00 84.66%
12) CI70 Chrysene-d12	13.50	240	1201252	40.00 ng	0.00 122.45%
13) CI75 Perylene-d12	14.71	264	1190389	40.00 ng	0.00 97.95%
Target Compounds					Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D. d	
~~3) E145 Acetophenone~~	~~6.36~~	~~105~~	~~86343~~	~~8.41 ng~~	~~# 31~~
5) E655 Caprolactam	0.00	113	0	N.D. d	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	214028	14.26 ng	92
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D. d	

not present MP 10/11/08

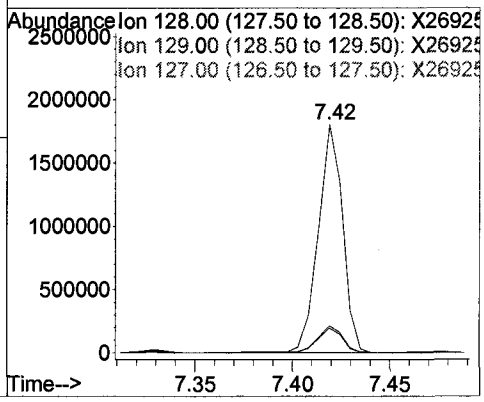
(#) = qualifier out of range (m) = manual integration (+) = signals summed

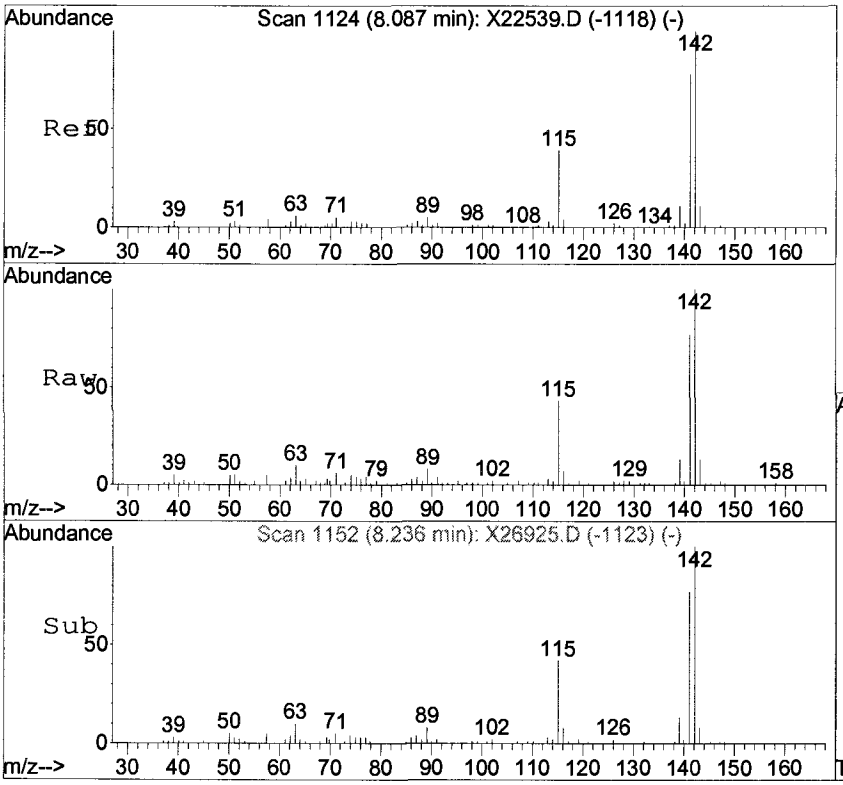


#30
C450 Naphthalene
Concen: 97.17 ng
RT: 7.42 min Scan# 999
Delta R.T. 0.01 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:128 Resp: 1568959

Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	31.0
127	11.9	0.0	32.6

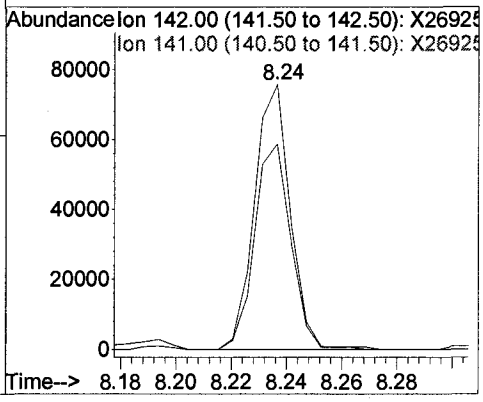


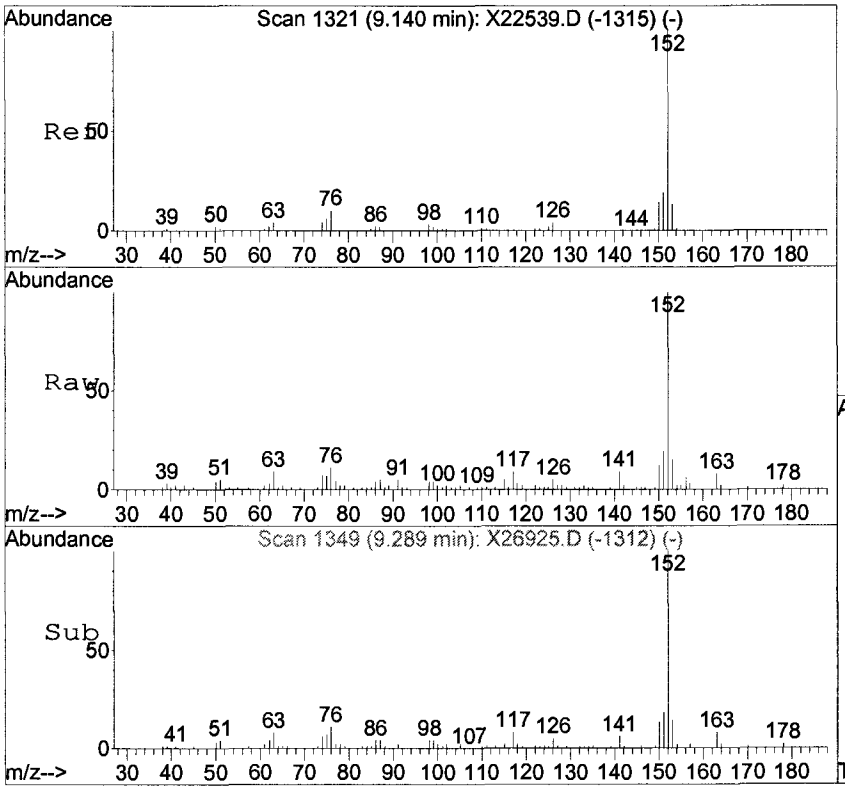


#34
C470 2-Methylnaphthalene
Concen: 6.34 ng
RT: 8.24 min Scan# 1152
Delta R.T. 0.01 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:142 Resp: 67885

Ion	Ratio	Lower	Upper
142	100		
141	77.5	63.2	103.2

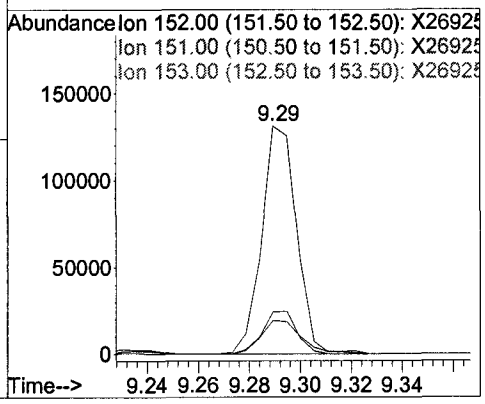


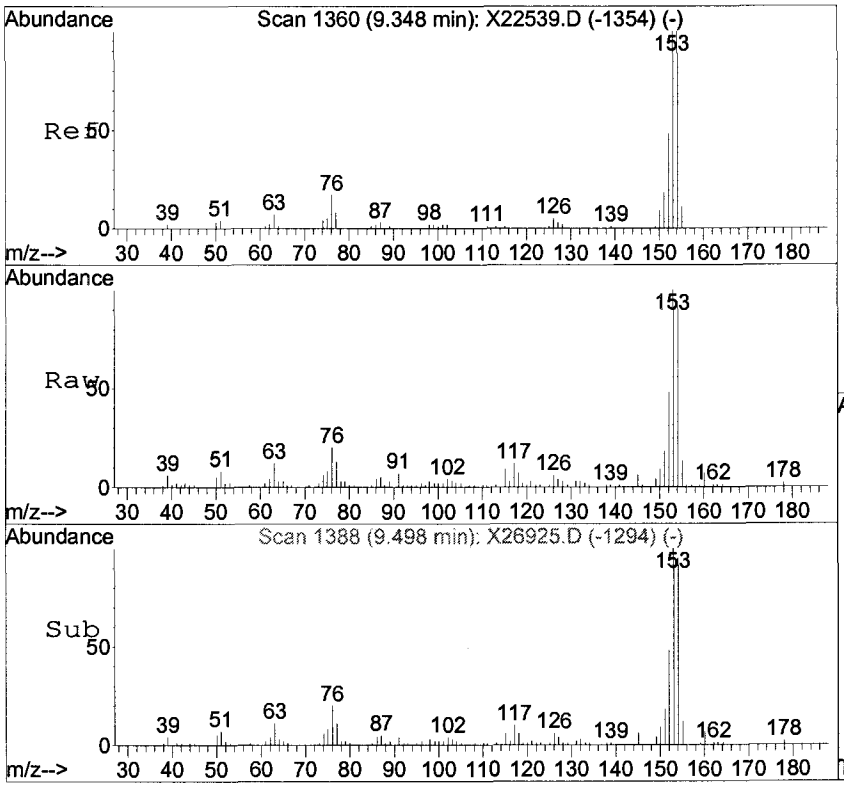


#42
C540 Acenaphthylene
Concen: 6.99 ng
RT: 9.29 min Scan# 1349
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:152 Resp: 124360

Ion	Ratio	Lower	Upper
152	100		
151	18.5	0.0	37.5
153	14.8	0.0	32.4

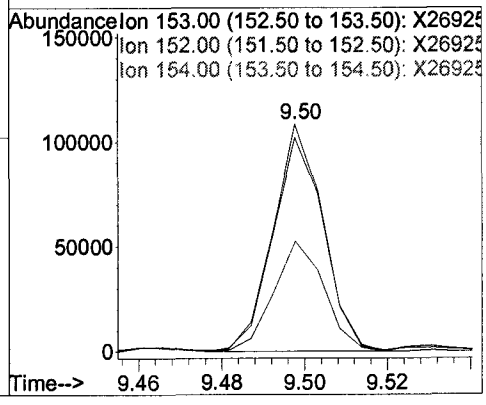


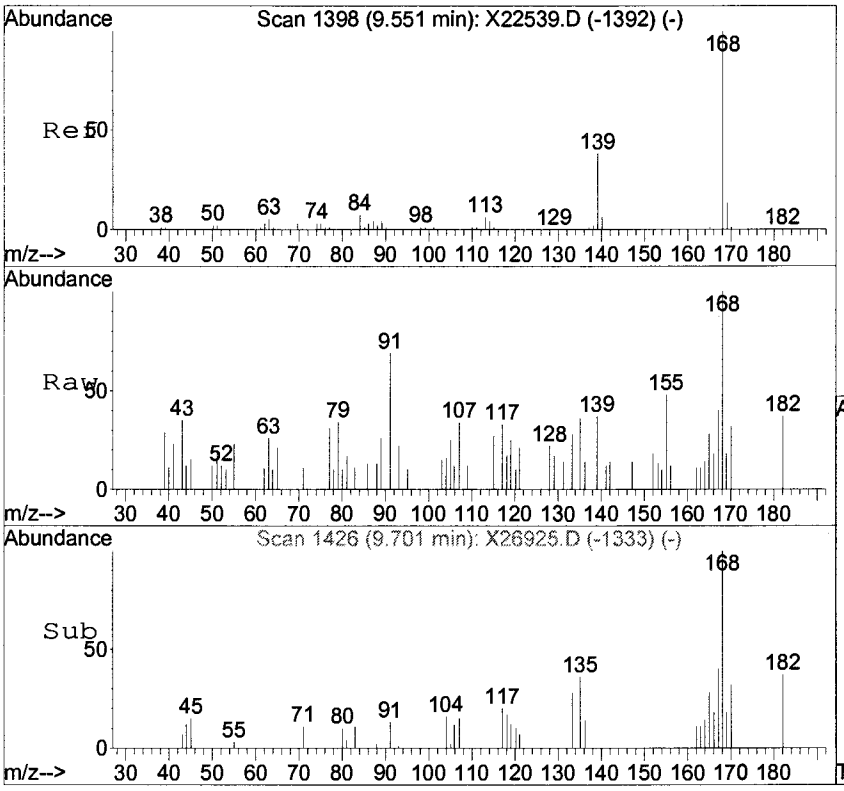


#45
C550 Acenaphthene
Concen: 8.36 ng
RT: 9.50 min Scan# 1388
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:153 Resp: 90926

Ion	Ratio	Lower	Upper
153	100		
152	48.3	24.0	64.0
154	94.1	78.2	118.2

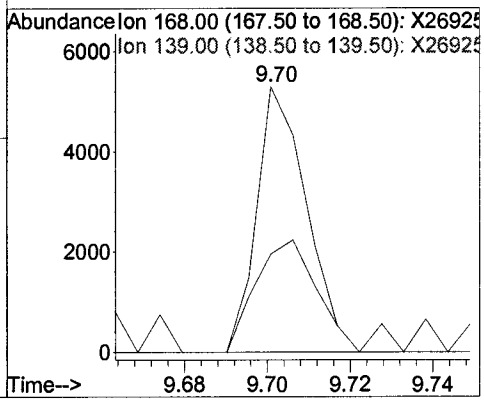


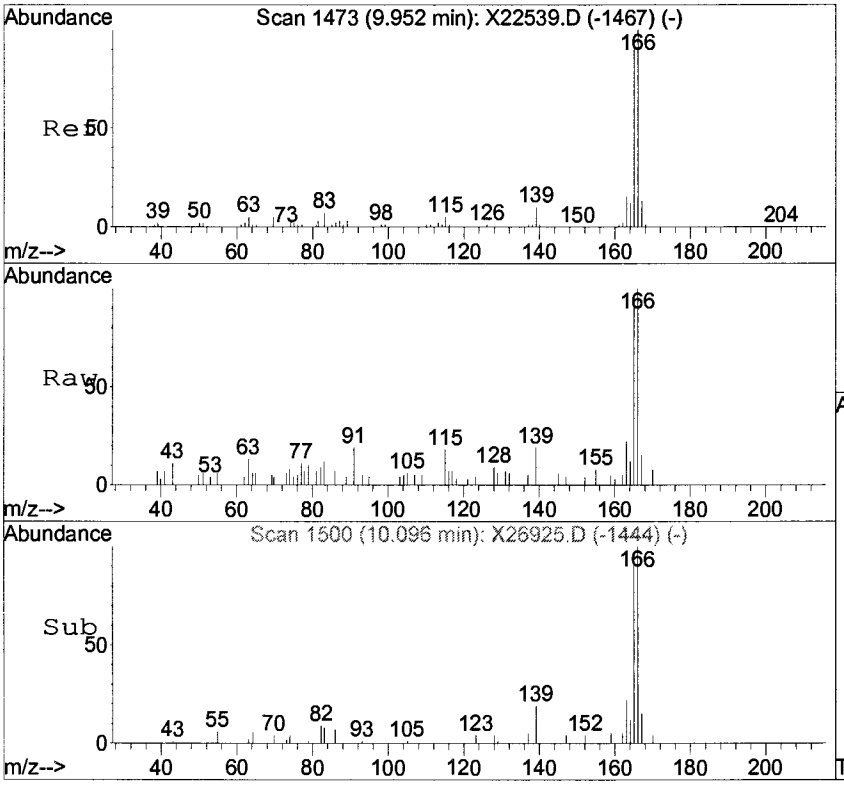


#48
C565 Dibenzofuran
Concen: 0.27 ng
RT: 9.70 min Scan# 1426
Delta R.T. -0.01 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:168 Resp: 4405

Ion	Ratio	Lower	Upper
168	100		
139	36.8	13.4	53.4

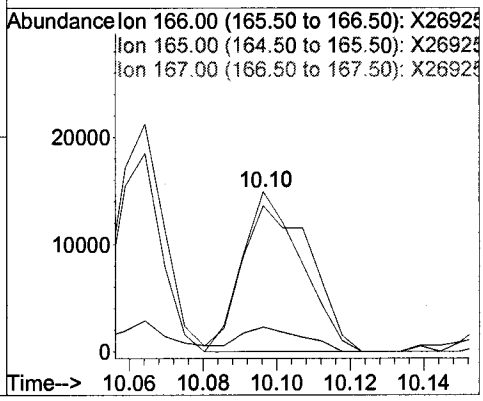


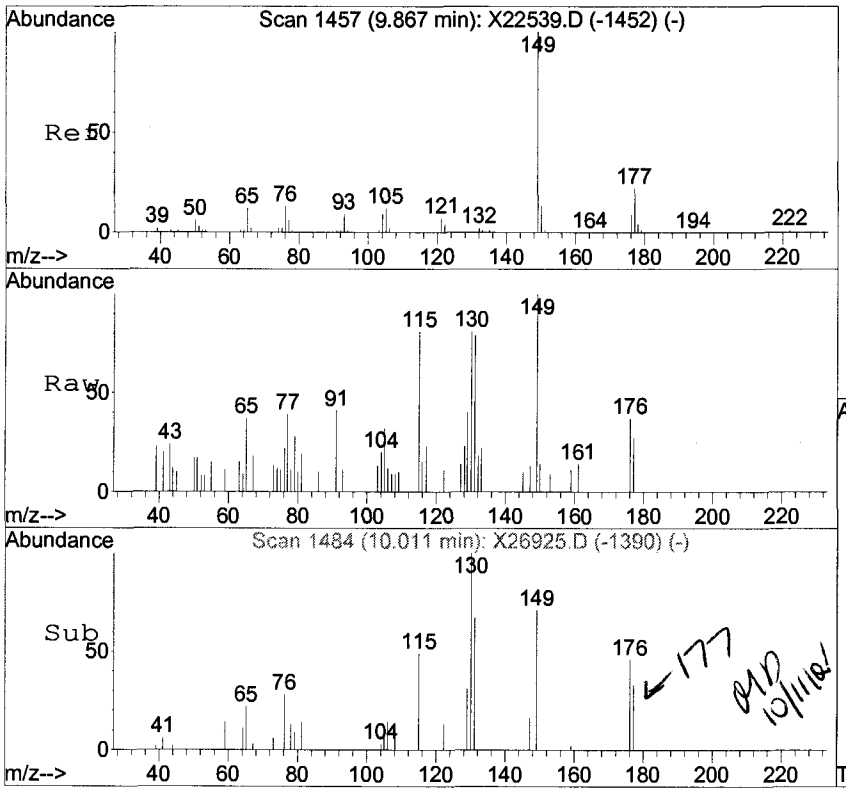


#51
C590 Fluorene
Concen: 1.22 ng
RT: 10.10 min Scan# 1500
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:166 Resp: 16666

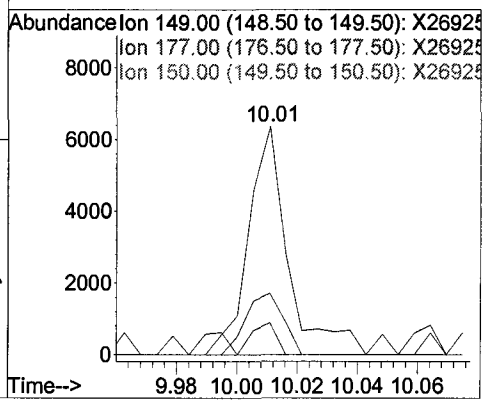
Ion	Ratio	Lower	Upper
166	100		
165	91.3	67.6	107.6
167	15.3	0.0	33.3

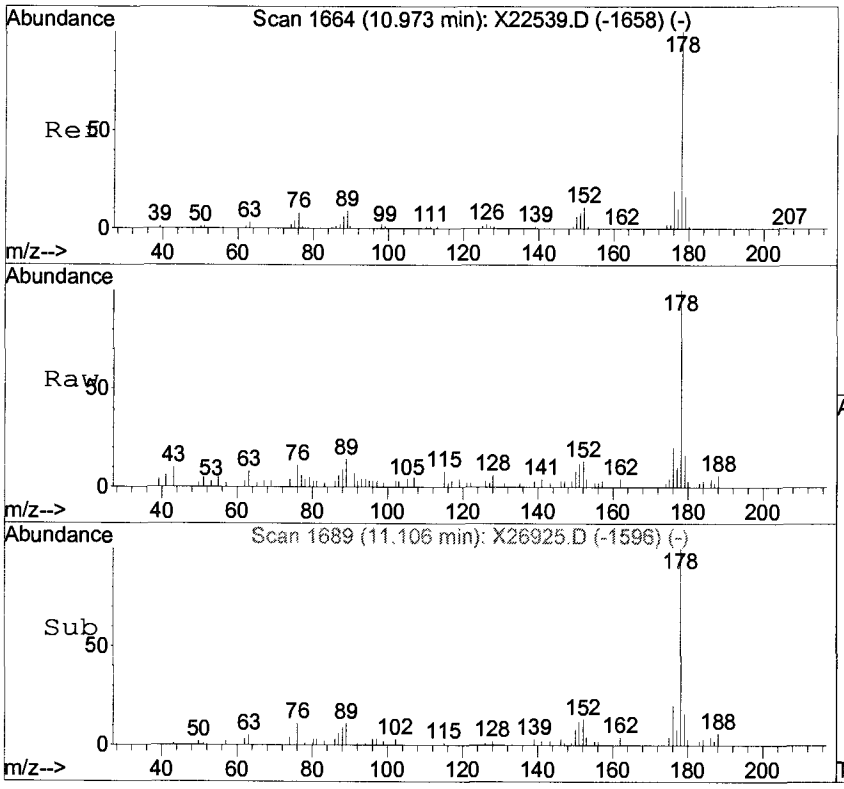




#53
C580 Diethylphthalate
Concen: 0.43 ng
RT: 10.01 min Scan# 1484
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

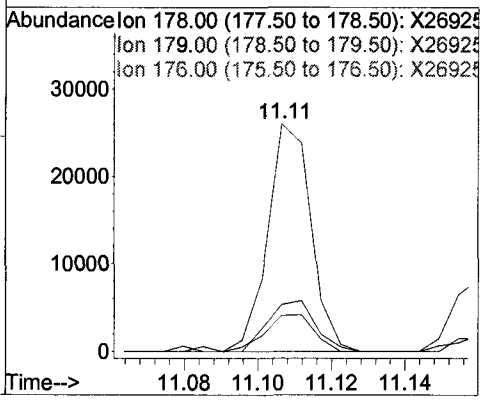
Tgt Ion:149	Resp:	5793	
Ion	Ratio	Lower	Upper
149	100		
177	26.9	2.2	42.2
150	5.1	0.0	31.3

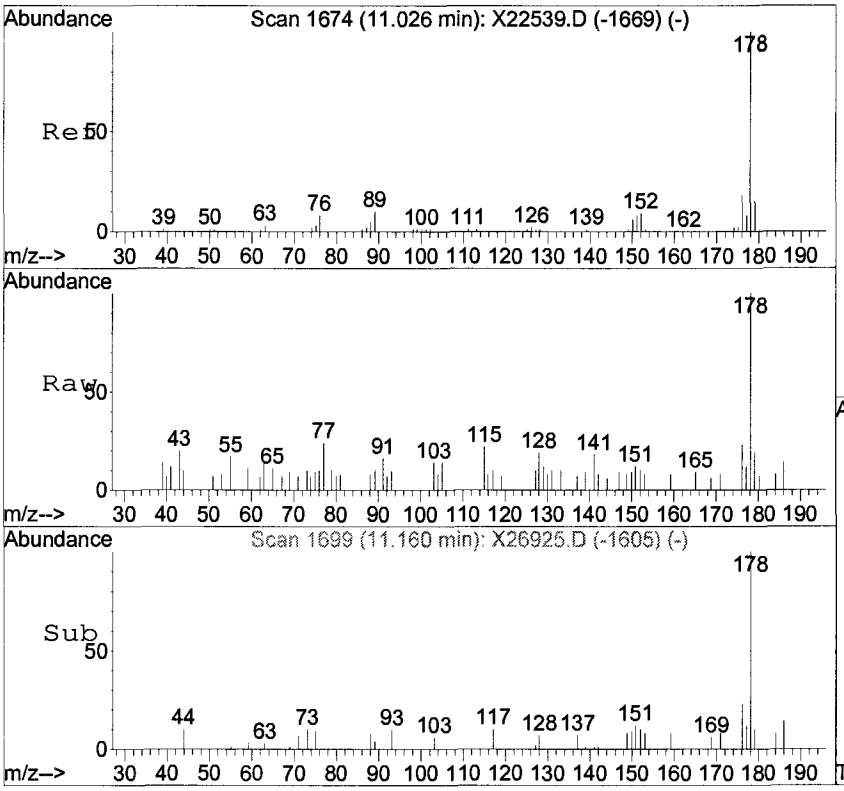




#63
C640 Phenanthrene
Concen: 1.11 ng
RT: 11.11 min Scan# 1689
Delta R.T. -0.01 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:178	Resp:	21175	
Ion	Ratio	Lower	Upper
178	100		
179	15.8	0.0	35.2
176	20.4	0.0	38.7

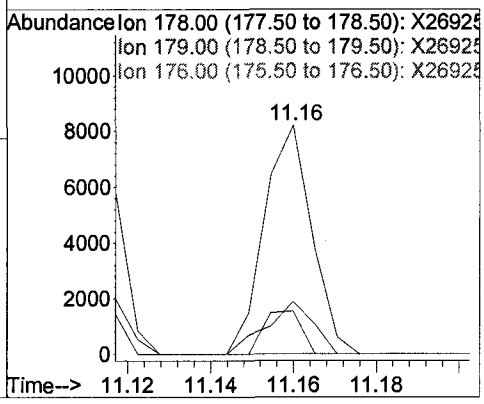


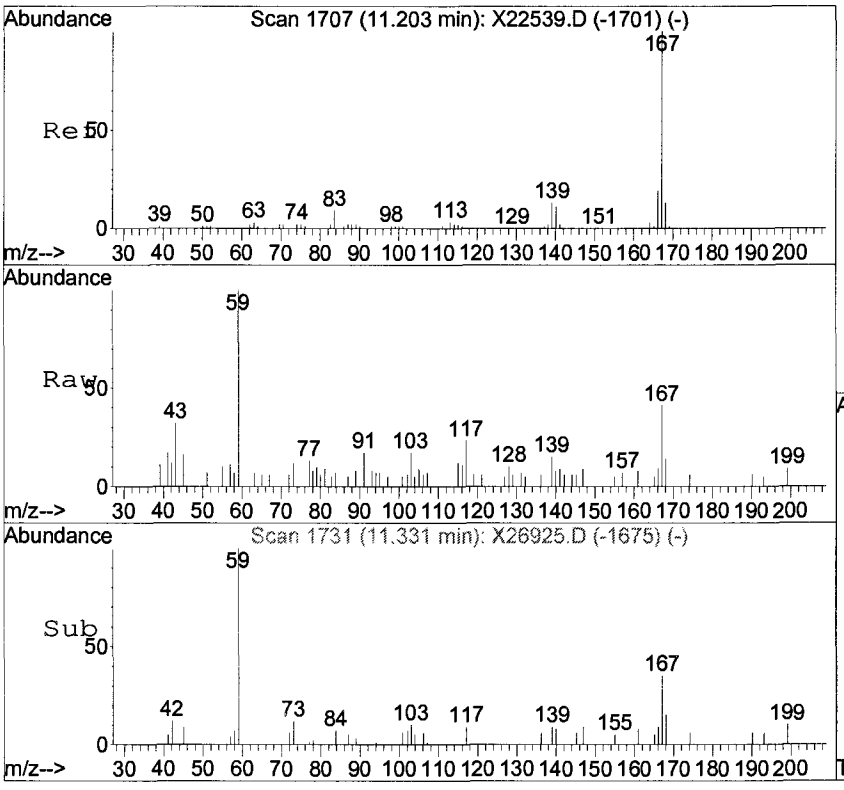


#64
C645 Anthracene
Concen: 0.33 ng
RT: 11.16 min Scan# 1699
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:178 Resp: 6575

Ion	Ratio	Lower	Upper
178	100		
179	18.7	0.0	35.2
176	22.9	0.0	38.0

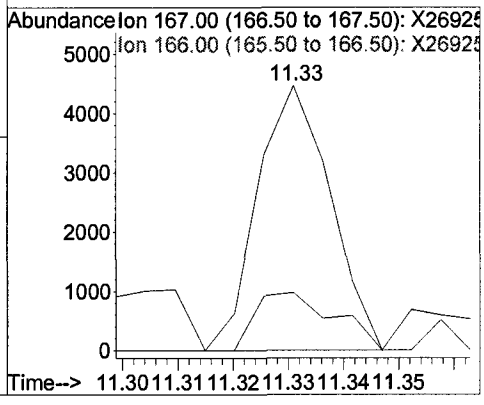


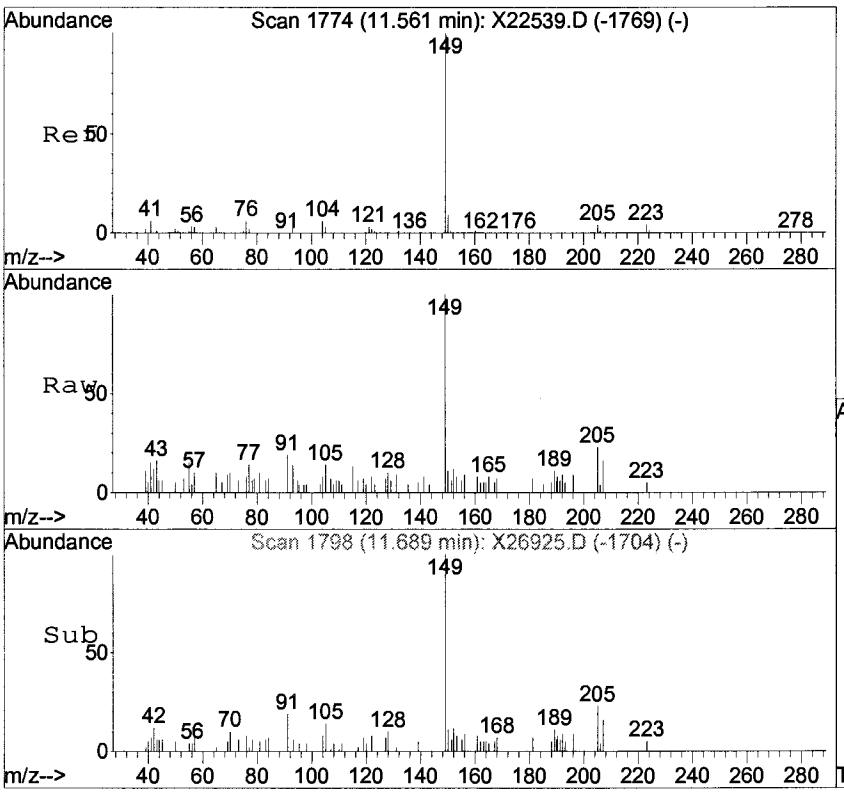


#65
C647 carbazole
Concen: 0.21 ng
RT: 11.33 min Scan# 1731
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:167 Resp: 4087

Ion	Ratio	Lower	Upper
167	100		
166	23.7	0.0	37.5

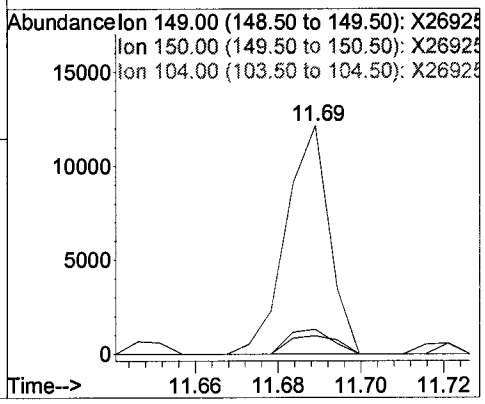


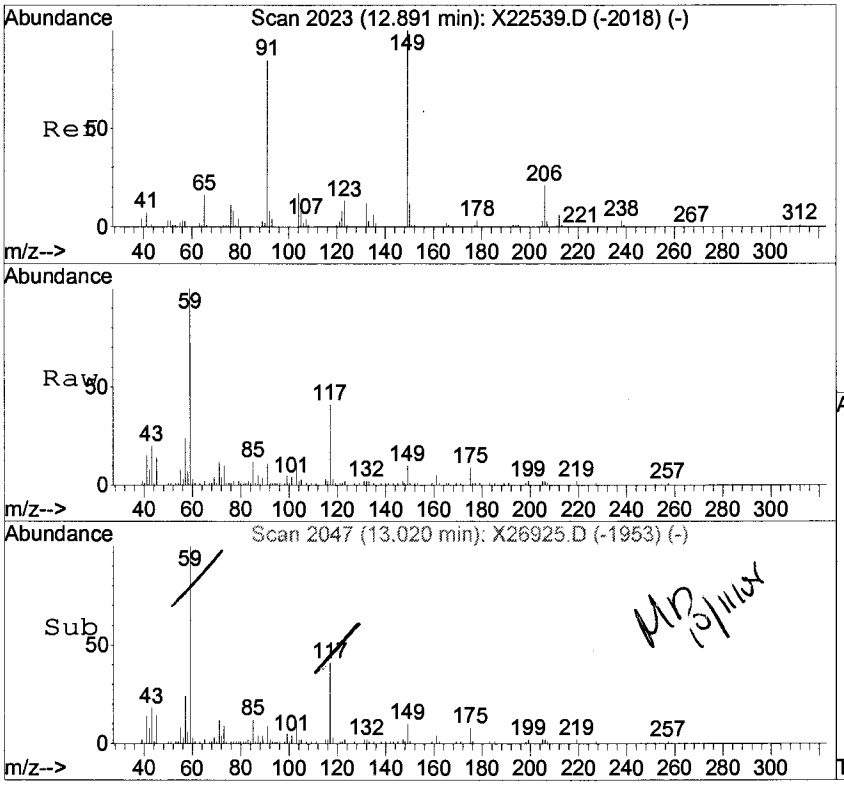


#66
C650 Di-n-butylphthalate
Concen: 0.37 ng
RT: 11.69 min Scan# 1798
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:149 Resp: 8828

Ion	Ratio	Lower	Upper
149	100		
150	10.9	0.0	29.0
104	8.1	0.0	25.3

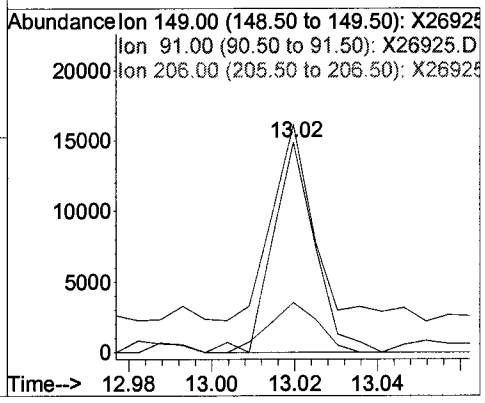


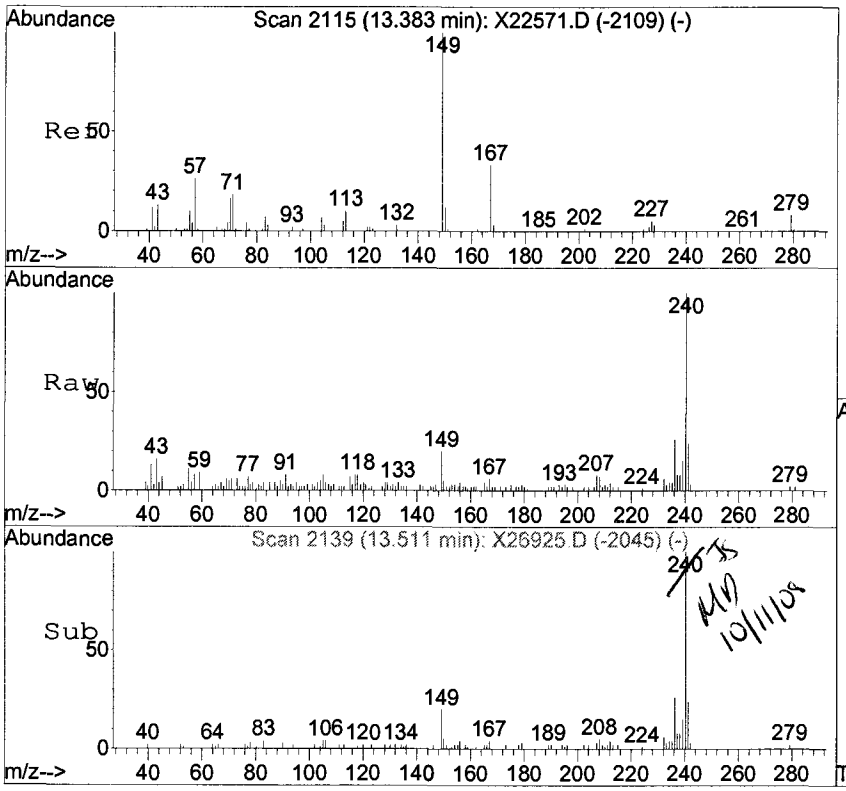


#72
C720 Butylbenzylphthalate
Concen: 0.70 ng
RT: 13.02 min Scan# 2047
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:149 Resp: 10533

Ion	Ratio	Lower	Upper
149	100		
91	92.6	57.1	97.1
206	23.8	2.9	42.9

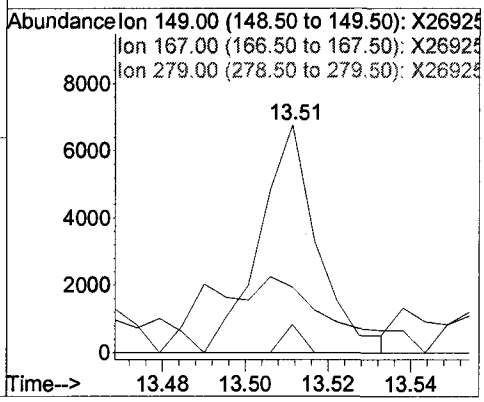


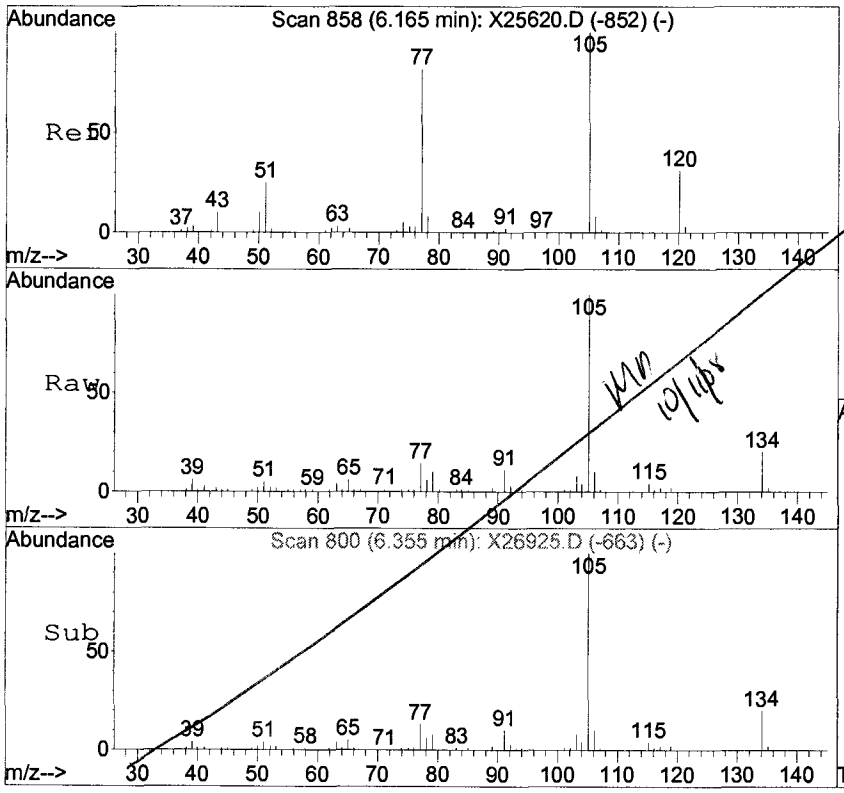


#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.29 ng
RT: 13.51 min Scan# 2139
Delta R.T. -0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:149 Resp: 6595

Ion	Ratio	Lower	Upper
149	100		
167	18.9	16.2	56.2
279	12.3	0.0	31.4

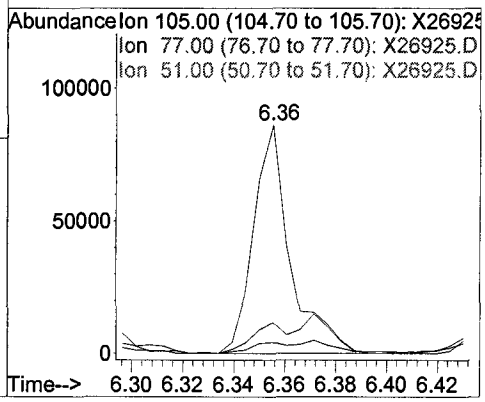


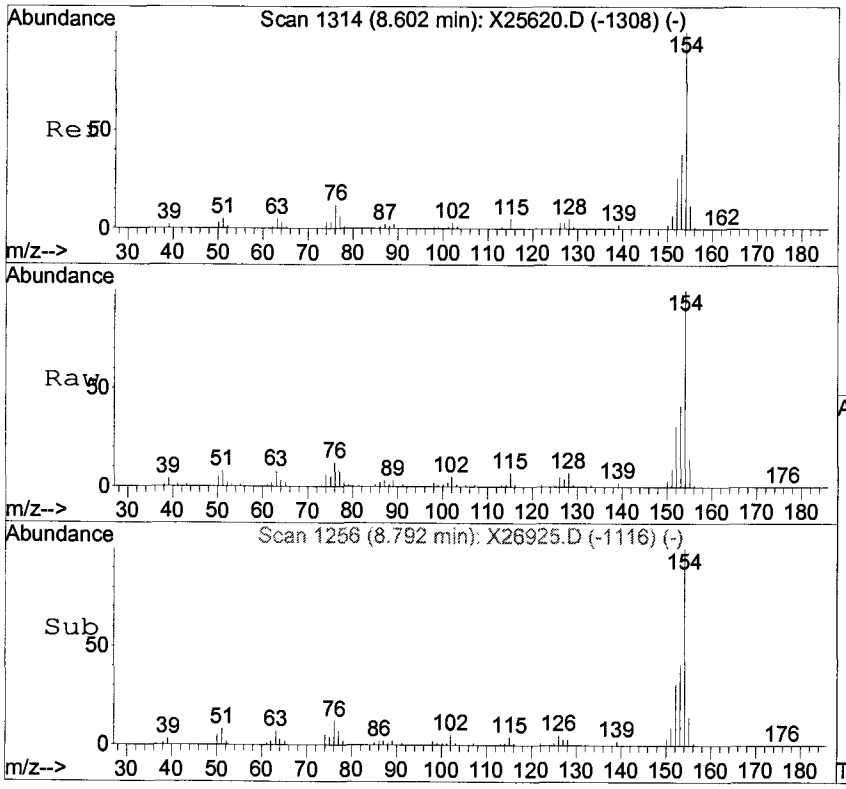


#3
E145 Acetophenone
Concen: 8.41 ng
RT: 6.36 min Scan# 800
Delta R.T. -0.02 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:105 Resp: 86343

Ion	Ratio	Lower	Upper
105	100		
77	12.9	61.3	101.3#
51	4.8	9.4	49.4#

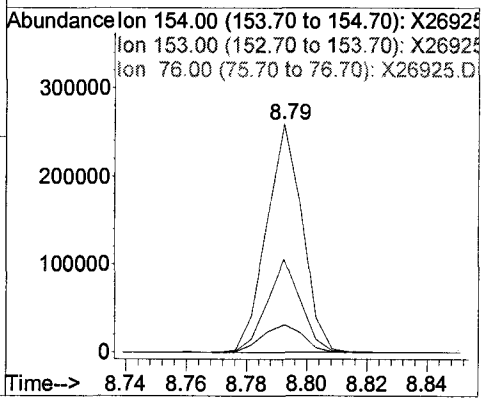




#8
C811 1,1'-Biphenyl
Concen: 14.26 ng
RT: 8.79 min Scan# 1256
Delta R.T. 0.00 min
Lab File: X26925.D
Acq: 2 Oct 2008 15:00

Tgt Ion:154 Resp: 214028

Ion	Ratio	Lower	Upper
154	100		
153	40.8	15.6	55.6
76	12.0	0.0	33.6



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: X26920.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	12	U
208-96-8	Acenaphthylene	12	U
98-86-2	Acetophenone	12	U
120-12-7	Anthracene	12	U
1912-24-9	Atrazine	12	U
100-52-7	Benzaldehyde	12	U
56-55-3	Benzo(a)anthracene	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
191-24-2	Benzo(ghi)perylene	12	U
50-32-8	Benzo(a)pyrene	12	U
92-52-4	Biphenyl	12	U
111-91-1	Bis(2-chloroethoxy) methane	12	U
111-44-4	Bis(2-chloroethyl) ether	12	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	12	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	U
101-55-3	4-Bromophenyl phenyl ether	12	U
85-68-7	Butyl benzyl phthalate	12	U
106-47-8	4-Chloroaniline	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-58-7	2-Chloronaphthalene	12	U
95-57-8	2-Chlorophenol	12	U
7005-72-3	4-Chlorophenyl phenyl ether	12	U
105-60-2	Caprolactam	61	U
86-74-8	Carbazole	12	U
218-01-9	Chrysene	12	U
53-70-3	Dibenzo(a,h)anthracene	12	U
132-64-9	Dibenzofuran	12	U
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	12	U
120-83-2	2,4-Dichlorophenol	12	U
84-66-2	Diethyl phthalate	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: X26920.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	U
131-11-3	Dimethyl phthalate	12	U
534-52-1	4,6-Dinitro-2-methylphenol	61	U
51-28-5	2,4-Dinitrophenol	61	U
121-14-2	2,4-Dinitrotoluene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
117-84-0	Di-n-octyl phthalate	12	U
206-44-0	Fluoranthene	12	U
86-73-7	Fluorene	12	U
118-74-1	Hexachlorobenzene	12	U
87-68-3	Hexachlorobutadiene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
67-72-1	Hexachloroethane	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
78-59-1	Isophorone	12	U
91-57-6	2-Methylnaphthalene	12	U
95-48-7	2-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
91-20-3	Naphthalene	12	U
88-74-4	2-Nitroaniline	61	U
99-09-2	3-Nitroaniline	61	U
100-01-6	4-Nitroaniline	61	U
98-95-3	Nitrobenzene	12	U
88-75-5	2-Nitrophenol	12	U
100-02-7	4-Nitrophenol	61	U
86-30-6	N-nitrosodiphenylamine	12	U
621-64-7	N-Nitroso-Di-n-propylamine	12	U
87-86-5	Pentachlorophenol	61	U
85-01-8	Phenanthrene	12	U
108-95-2	Phenol	12	U
129-00-0	Pyrene	12	U
95-95-4	2,4,5-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79402

Sample wt/vol: 820.00 (g/mL) ML Lab File ID: X26920.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

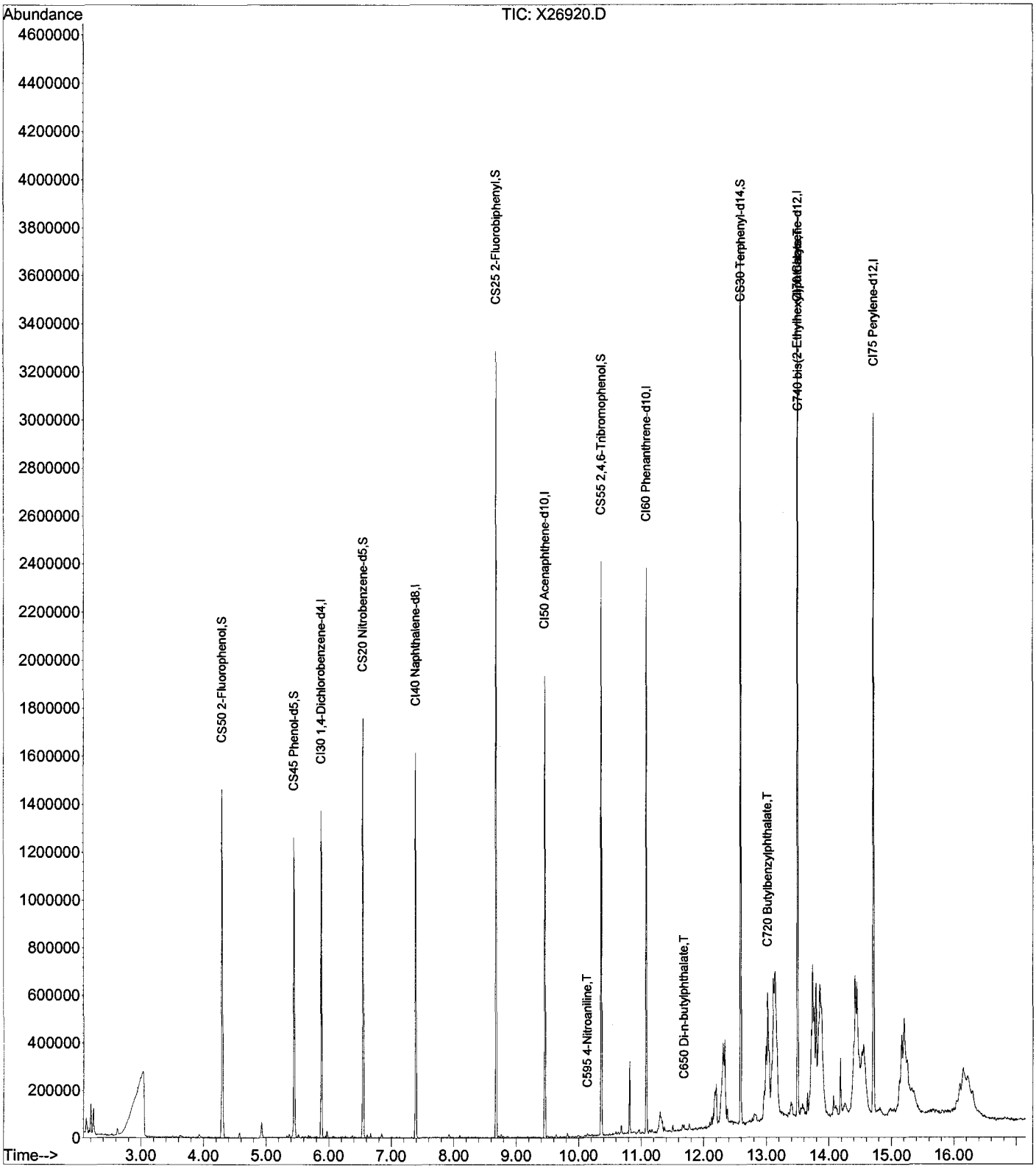
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	12	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26920.D
Acq On : 2 Oct 2008 13:06
Sample : A8B79402 AW80017844
Misc :
MS Integration Params: rteint.p

Vial: 13
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 02 17:10:00 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26920.D Vial: 13
Acq On : 2 Oct 2008 13:06 Operator: AJ
Sample : A8B79402 AW80017844 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 02 17:10:00 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	180987	40.00	ng	0.00 104.83%
20) CI40 Naphthalene-d8	7.39	136	629946	40.00	ng	0.00 104.58%
35) CI50 Acenaphthene-d10	9.46	164	391770	40.00	ng	0.00 113.84%
56) CI60 Phenanthrene-d10	11.09	188	708341	40.00	ng	0.00 112.62%
68) CI70 Chrysene-d12	13.50	240	1157862	40.00	ng	0.00 133.64%
78) CI75 Perylene-d12	14.71	264	1129057	40.00	ng	0.00 96.10%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	408180	58.52	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 39.01%			
5) CS45 Phenol-d5	5.45	99	402175	45.26	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 30.17%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	583613	73.44	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 73.44%			
39) CS25 2-Fluorobiphenyl	8.68	172	883685	62.96	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 62.96%			
59) CS55 2,4,6-Tribromophenol	10.36	330	204963	115.54	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 77.03%			
71) CS30 Terphenyl-d14	12.59	244	934900	43.33	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 43.33%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	5.58	93	1227	N.D.	
7) C315 Phenol	0.00	94	0	N.D. d	
8) C330 2-Chlorophenol	0.00	128	0	N.D. d	
9) C320 aniline	5.50	93	819	N.D.	
10) C335 1,3-Dichlorobenzene	5.80	146	1053	N.D.	
11) C340 1,4-Dichlorobenzene	5.80	146	1053	N.D.	
13) C350 1,2-Dichlorobenzene	6.08	146	588	N.D.	
14) C345 Benzyl alcohol	6.07	108	274	N.D.	
15) C360 bis(2-chloroisoprop	6.34	45	160	N.D.	
16) C355 2-Methylphenol	6.19	108	541	N.D.	
17) C375 Hexachloroethane	6.48	117	385	N.D.	
18) C370 N-Nitroso-di-n-prop	6.38	70	900	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	6.56	77	1353	N.D.	
23) C415 Isophorone	6.86	82	980	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D. d	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	7.01	107	530	N.D.	
27) C435 bis(2-Chloroethoxy)	7.13	93	1174	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

@ 10.15.08

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26920.D Vial: 13
Acq On : 2 Oct 2008 13:06 Operator: AJ
Sample : A8B79402 AW80017844 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 02 17:10:00 2008 Results File: A8I0720.RES

SS AJ 10-3-08

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	7.33	180	679	N.D.	
30) C450 Naphthalene	7.41	128	2700	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	7.56	225	428	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	8.24	142	1643	N.D.	
36) C510 Hexachlorocyclopent	8.42	237	423	N.D.	
37) C515 2,4,6-Trichlorophen	8.62	196	200	N.D.	
38) C520 2,4,5-Trichlorophen	8.62	196	200	N.D.	
40) C525 2-Chloronaphthalene	8.77	162	1408	N.D.	
41) C530 2-Nitroaniline	8.86	65	223	N.D.	
42) C540 Acenaphthylene	9.29	152	1201	N.D.	
43) C535 Dimethylphthalate	9.18	163	377	N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
45) C550 Acenaphthene	9.49	153	890	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.71	168	1052	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D. d	
51) C590 Fluorene	10.10	166	787	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	10.01	149	2300	N.D.	
54) C620 1,2-diphenylhydrazi	10.29	77	1518	N.D.	
55) C595 4-Nitroaniline	10.14	138	719	0.22 ng	# 26
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	10.25	169	399	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D. d	
63) C640 Phenanthrene	11.08	178	449	N.D.	
64) C645 Anthracene	11.16	178	1030	N.D.	
65) C647 carbazole	11.33	167	476	N.D.	
66) C650 Di-n-butylphthalate	11.68	149	7942	0.33 ng	97
67) C655 Fluoranthene	12.23	202	1803	N.D.	
69) C715 Pyrene	12.44	202	1743	N.D.	
70) C710 benzidine	12.34	184	197	N.D.	
72) C720 Butylbenzylphthalate	13.02	149	12904	0.89 ng	94
73) C725 3,3'-Dichlorobenzid	13.68	252	171	N.D.	
74) C730 Benzo[a]anthracene	13.50	228	3087	N.D.	
75) C735 Chrysene	13.52	228	654	N.D.	
76) C740 bis(2-Ethylhexyl)phth	13.51	149	11531	0.53 ng	90
77) C760 Di-n-octylphthalate	14.07	149	5372	N.D.	
79) C765 Benzo[b]fluoranthen	14.37	252	2117	N.D.	
80) C770 Benzo[k]fluoranthen	14.43	252	205	N.D.	
81) C775 Benzo[a]pyrene	14.71	252	4936	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.71	276	1014	N.D.	
83) C785 Dibenz[a,h]anthrace	15.72	278	850	N.D.	
84) C790 Benzo[g,h,i]perylen	16.00	276	1658	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26920.D
Acq On : 2 Oct 2008 13:06
Sample : A8B79402 AW80017844
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:52 2008

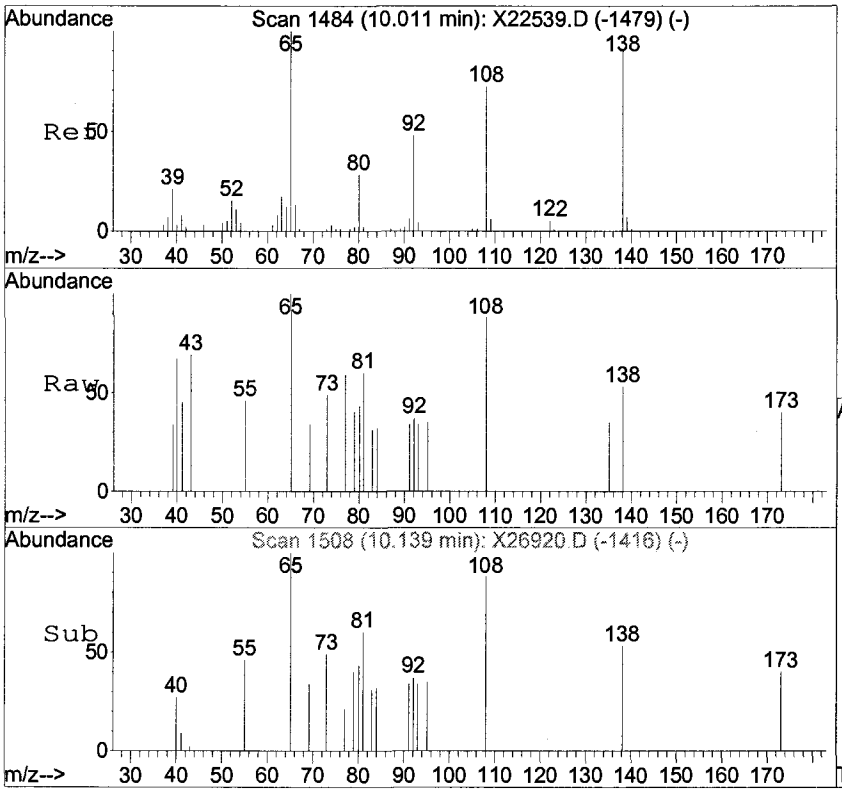
Vial: 13
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	180987	40.00	ng	0.00 77.78%
4) CI40 Naphthalene-d8	7.39	136	629946	40.00	ng	0.00 74.84%
7) CI50 Acenaphthene-d8	9.46	164	391770	40.00	ng	0.00 86.58%
10) CI60 Phenanthrene-d10	11.09	188	708341	40.00	ng	0.00 86.29%
12) CI70 Chrysene-d12	13.50	240	1157862	40.00	ng	0.00 118.03%
13) CI75 Perylene-d12	14.71	264	1129057	40.00	ng	0.00 92.90%

Target Compounds						Qvalue
2) E600 Benzaldehyde	5.37	77	2154	0.29	ng	# 40
3) E145 Acetophenone	6.37	105	2107	0.20	ng	# 68
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	8.42	216	564	N.D.		
8) C811 1,1'-Biphenyl	8.79	154	2616	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

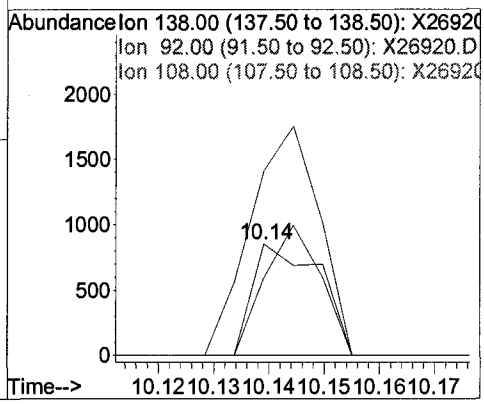
(#) = qualifier out of range (m) = manual integration (+) = signals summed

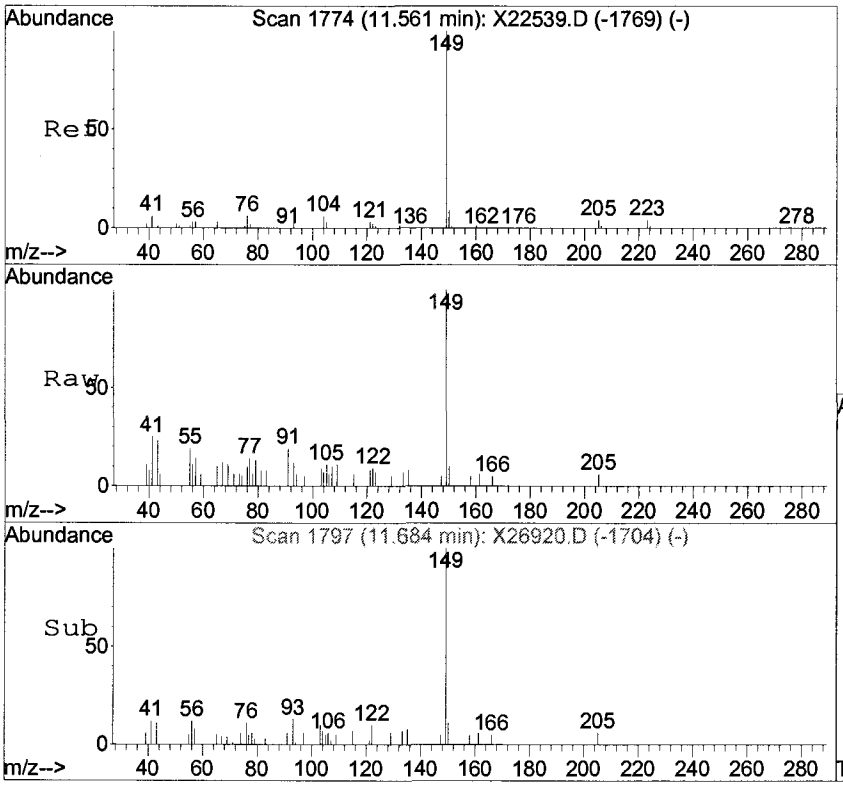


#55
C595 4-Nitroaniline
Concen: 0.22 ng
RT: 10.14 min Scan# 1508
Delta R.T. -0.01 min
Lab File: X26920.D
Acq: 2 Oct 2008 13:06

Tgt Ion:138 Resp: 719

Ion	Ratio	Lower	Upper
138	100		
92	69.8	33.6	73.6
108	165.6	52.5	92.5#

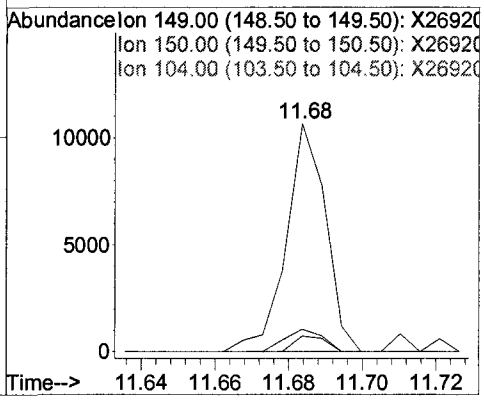


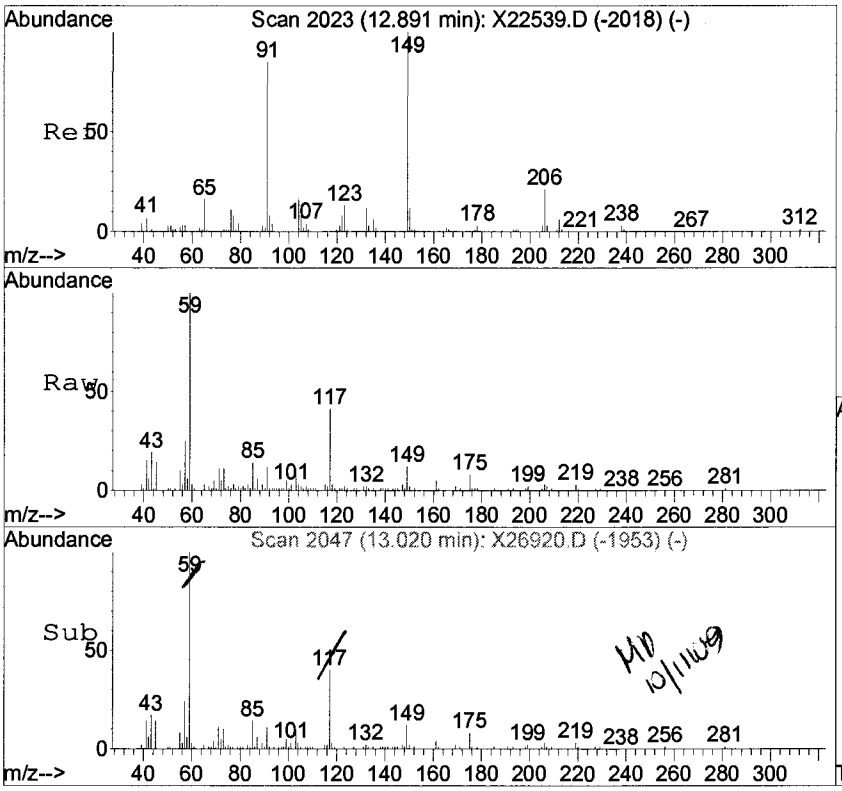


#66
C650 Di-n-butylphthalate
Concen: 0.33 ng
RT: 11.68 min Scan# 1797
Delta R.T. -0.01 min
Lab File: X26920.D
Acq: 2 Oct 2008 13:06

Tgt Ion:149 Resp: 7942

Ion	Ratio	Lower	Upper
149	100		
150	9.9	0.0	29.0
104	6.8	0.0	25.3

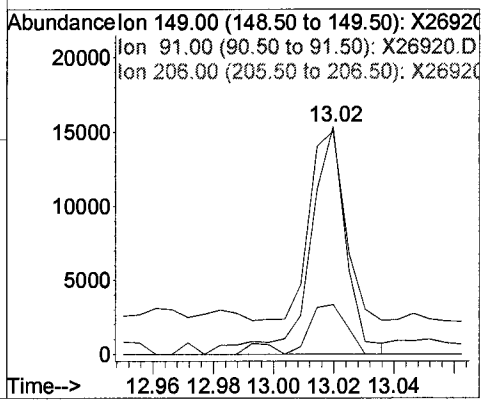


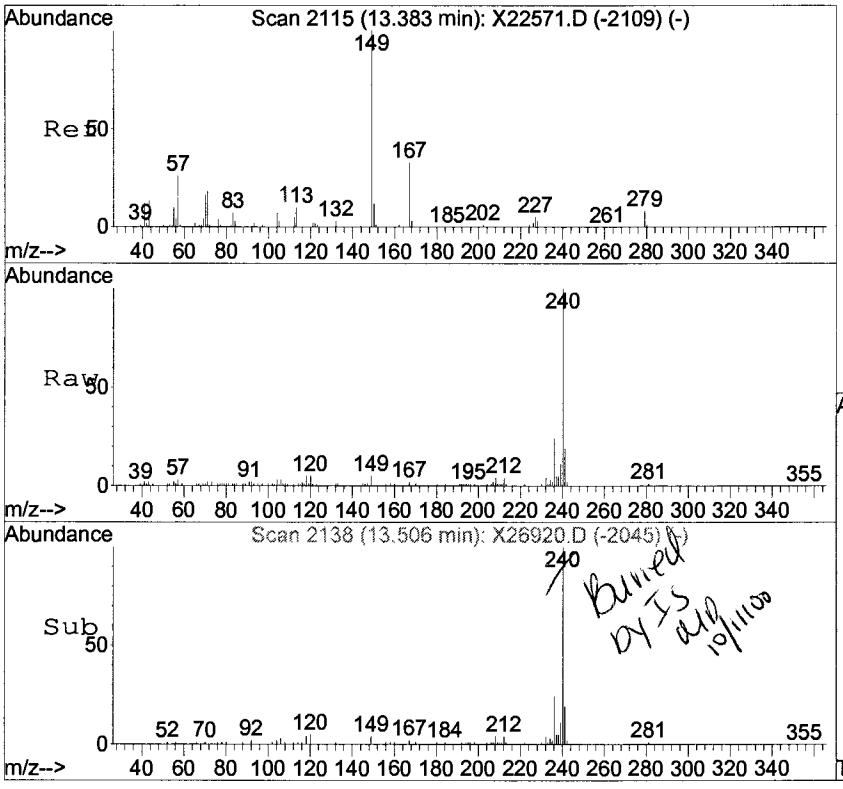


#72
C720 Butylbenzylphthalate
Concen: 0.89 ng
RT: 13.02 min Scan# 2047
Delta R.T. 0.00 min
Lab File: X26920.D
Acq: 2 Oct 2008 13:06

Tgt Ion:149 Resp: 12904

Ion	Ratio	Lower	Upper
149	100		
91	83.2	57.1	97.1
206	21.8	2.9	42.9

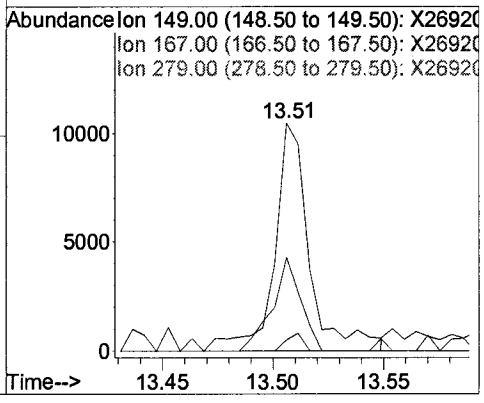




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.53 ng
RT: 13.51 min Scan# 2138
Delta R.T. -0.01 min
Lab File: X26920.D
Acq: 2 Oct 2008 13:06

Tgt Ion:149 Resp: 11531

Ion	Ratio	Lower	Upper
149	100		
167	40.8	16.2	56.2
279	4.9	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 810.00 (g/mL) ML Lab File ID: U30784.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	2	J
208-96-8	Acenaphthylene	12	U
98-86-2	Acetophenone	12	U
120-12-7	Anthracene	0.2	J
1912-24-9	Atrazine	12	U
100-52-7	Benzaldehyde	12	U
56-55-3	Benzo(a)anthracene	12	U
205-99-2	Benzo(b)fluoranthene	12	U
207-08-9	Benzo(k)fluoranthene	12	U
191-24-2	Benzo(ghi)perylene	12	U
50-32-8	Benzo(a)pyrene	12	U
92-52-4	Biphenyl	0.6	J
111-91-1	Bis(2-chloroethoxy) methane	12	U
111-44-4	Bis(2-chloroethyl) ether	12	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	12	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	U
101-55-3	4-Bromophenyl phenyl ether	12	U
85-68-7	Butyl benzyl phthalate	12	U
106-47-8	4-Chloroaniline	12	U
59-50-7	4-Chloro-3-methylphenol	12	U
91-58-7	2-Chloronaphthalene	12	U
95-57-8	2-Chlorophenol	12	U
7005-72-3	4-Chlorophenyl phenyl ether	12	U
105-60-2	Caprolactam	62	U
86-74-8	Carbazole	12	U
218-01-9	Chrysene	12	U
53-70-3	Dibenzo(a,h)anthracene	12	U
132-64-9	Dibenzofuran	12	U
84-74-2	Di-n-butyl phthalate	0.7	J
91-94-1	3,3'-Dichlorobenzidine	12	U
120-83-2	2,4-Dichlorophenol	12	U
84-66-2	Diethyl phthalate	0.6	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 810.00 (g/mL) ML Lab File ID: U30784.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	U
131-11-3	Dimethyl phthalate	12	U
534-52-1	4,6-Dinitro-2-methylphenol	62	U
51-28-5	2,4-Dinitrophenol	62	U
121-14-2	2,4-Dinitrotoluene	12	U
606-20-2	2,6-Dinitrotoluene	12	U
117-84-0	Di-n-octyl phthalate	12	U
206-44-0	Fluoranthene	12	U
86-73-7	Fluorene	0.6	J
118-74-1	Hexachlorobenzene	12	U
87-68-3	Hexachlorobutadiene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
67-72-1	Hexachloroethane	12	U
193-39-5	Indeno(1,2,3-cd)pyrene	12	U
78-59-1	Isophorone	12	U
91-57-6	2-Methylnaphthalene	0.4	J
95-48-7	2-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
91-20-3	Naphthalene	0.9	BJ
88-74-4	2-Nitroaniline	62	U
99-09-2	3-Nitroaniline	62	U
100-01-6	4-Nitroaniline	62	U
98-95-3	Nitrobenzene	12	U
88-75-5	2-Nitrophenol	12	U
100-02-7	4-Nitrophenol	62	U
86-30-6	N-nitrosodiphenylamine	12	U
621-64-7	N-Nitroso-Di-n-propylamine	12	U
87-86-5	Pentachlorophenol	62	U
85-01-8	Phenanthrene	0.7	J
108-95-2	Phenol	12	U
129-00-0	Pyrene	12	U
95-95-4	2,4,5-Trichlorophenol	12	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B72701

Sample wt/vol: 810.00 (g/mL) ML Lab File ID: U30784.RR

Level: (low/med) LOW Date Samp/Recv: 09/23/2008 09/24/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/30/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	12	U

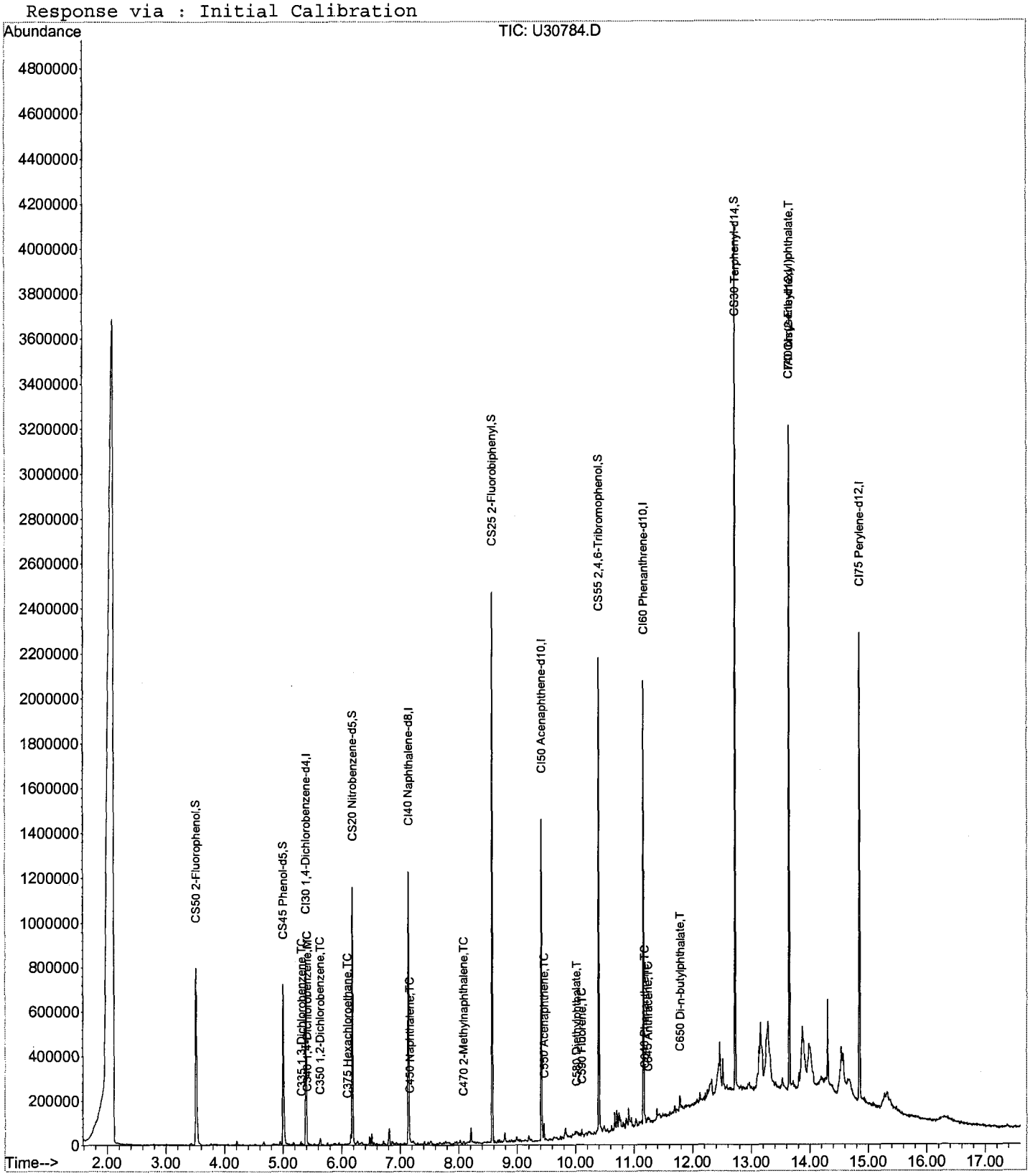
Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\U30784.D
Acq On : 30 Sep 2008 11:18
Sample : A8B72701 AW80017487
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 1 14:40 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 14:23:33 2008
Response via : Initial Calibration



Quantitation Report **804/3787**

Data File : D:\DATA\093008\U30784.D Vial: 4
Acq On : 30 Sep 2008 11:18 Operator: MD
Sample : A8B72701 AW80017487 Inst : HP5973U
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 12:08:07 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 10:50:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\093008\U30782.D (30 Sep 2008 10:32)

SMD 10/01/08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.39	152	145799	40.00	ng		0.00 85.77%
20) CI40 Naphthalene-d8	7.14	136	535407	40.00	ng		0.00 79.92%
35) CI50 Acenaphthene-d10	9.42	164	315326	40.00	ng		0.00 88.63%
56) CI60 Phenanthrene-d10	11.16	188	646842	40.00	ng		0.00 85.12%
68) CI70 Chrysene-d12	13.65	240	968044	40.00	ng		0.00 114.65%
78) CI75 Perylene-d12	14.85	264	759351	40.00	ng		0.00 80.69%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	3.51	112	334959	65.39	ng		0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 43.59%				
5) CS45 Phenol-d5	5.00	99	325154	53.11	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.41%				
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#				
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#				
21) CS20 Nitrobenzene-d5	6.18	82	387669	65.99	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 65.99%				
39) CS25 2-Fluorobiphenyl	8.58	172	713402	61.47	ng		0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 61.47%				
59) CS55 2,4,6-Tribromophenol	10.40	330	191917	120.53	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 80.35%				
71) CS30 Terphenyl-d14	12.73	244	883715	43.55	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 43.55%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.	d		
4) C325 bis(2-Chloroethyl)eth	4.99	93	340	N.D.			
7) C315 Phenol	5.03	94	171	N.D.			
8) C330 2-Chlorophenol	0.00	128	0	N.D.			
9) C320 aniline	4.99	93	340	N.D.			
10) C335 1,3-Dichlorobenzene	5.30	146	2946	0.51	ng		83
11) C340 1,4-Dichlorobenzene	5.42	146	3334m	0.57	ng	#	84
13) C350 1,2-Dichlorobenzene	5.62	146	2447	0.45	ng		91
14) C345 Benzyl alcohol	0.00	108	0	N.D.			
15) C360 bis(2-chloroisopropyl	5.82	45	162	N.D.			
16) C355 2-Methylphenol	0.00	108	0	N.D.			
17) C375 Hexachloroethane	6.09	117	848	0.36	ng	#	48
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.			
19) C365 4-Methylphenol	0.00	108	0	N.D.			
22) C410 Nitrobenzene	6.21	77	545	N.D.			
23) C415 Isophorone	6.61	82	397	N.D.			

MD 10/01/08

(#) = qualifier out of range (m) = manual integration

10-1-08

Quantitation Report

Data File : D:\DATA\093008\U30784.D
Acq On : 30 Sep 2008 11:18
Sample : A8B72701 AW80017487
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 12:08:07 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 10:50:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

MD 10/01/08

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
24)	C430 benzoic acid	0.00	122	0	N.D.	
25)	C420 2-Nitrophenol	0.00	139	0	N.D.	
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.	
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D. d	
30)	C450 Naphthalene	7.17	128	10057	0.72 ng	89
31)	C455 4-Chloroaniline	0.00	127	0	N.D. d	
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D. d	
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
34)	C470 2-Methylnaphthalene	8.09	142	3172	0.36 ng	98
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	8.67	162	1143	N.D.	
41)	C530 2-Nitroaniline	0.00	65	0	N.D. d	
42)	C540 Acenaphthylene	9.24	152	1022	N.D.	
43)	C535 Dimethylphthalate	0.00	163	0	N.D.	
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D. d	
45)	C550 Acenaphthene	9.46	153	16992	1.69 ng	95
46)	C545 3-Nitroaniline	0.00	138	0	N.D. d	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	9.68	168	1609	N.D.	
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50)	C560 4-Nitrophenol	0.00	109	0	N.D. d	
51)	C590 Fluorene	10.11	166	5740	0.51 ng	89
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
53)	C580 Diethylphthalate	10.01	149	5949	0.48 ng	85
54)	C620 1,2 diphenylhydrazine	10.31	77	883	N.D.	
55)	C595 4-Nitroaniline	0.00	138	0	N.D. d	
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	0.00	266	0	N.D. d	
63)	C640 Phenanthrene	11.18	178	9491	0.54 ng	93
64)	C645 Anthracene	11.24	178	3652	0.21 ng	84
65)	C647 carbazole	11.44	167	2993	N.D.	
66)	C650 Di-n-butylphthalate	11.79	149	11106	0.55 ng	92
67)	C655 Fluoranthene	12.39	202	347	N.D.	
69)	C715 Pyrene	12.51	202	937	N.D.	
70)	C710 benzidine	12.52	184	1460	N.D.	
~~72)~~	~~C720 Butylbenzylphthalate~~	~~13.09~~	~~149~~	~~1305~~	~~Below Cal~~	~~95~~
73)	C725 3,3'-Dichlorobenzidin	13.63	252	1204	N.D.	
74)	C730 Benzo[a]anthracene	13.65	228	3575	N.D.	
75)	C735 Chrysene	13.66	228	644	N.D.	
76)	C740 bis(2-Ethylhexyl)phth	13.65	149	7843	0.20 ng	95
~~77)~~	~~C760 Di-n-octylphthalate~~	~~14.31~~	~~149~~	~~2846~~	~~Below Cal~~	~~74~~
79)	C765 Benzo[b]fluoranthene	14.51	252	1268	N.D.	
80)	C770 Benzo[k]fluoranthene	14.51	252	1268	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\093008\U30784.D
Acq On : 30 Sep 2008 11:18
Sample : A8B72701 AW80017487
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 12:08:07 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 10:50:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.71	252	783	N.D.	
82)	C780 Indeno[1,2,3-cd]pyren	15.86	276	162	N.D.	
83)	C785 Dibenz[a,h]anthracene	15.88	278	198	N.D.	
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report **807/3787**

Data File : D:\DATA\093008\U30784.D Vial: 4
Acq On : 30 Sep 2008 11:18 Operator: MD
Sample : A8B72701 AW80017487 Inst : HP5973U
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 01 14:45:17 2008 Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.39	152	145820	40.00	ng		-0.46 99.45%
4) CI40 Naphthalene-d8	7.14	136	535407	40.00	ng		-0.38 95.08%
7) CI50 Acenaphthene-d10	9.42	164	315326	40.00	ng		-0.37 102.89%
10) CI60 Phenanthrene-d10	11.16	188	646842	40.00	ng		-0.33 99.35%
12) CI70 Chrysene-d12	13.65	240	968044	40.00	ng		-0.34 145.90%
13) CI75 Perylene-d12	14.85	264	759351	40.00	ng		-0.45 142.65%
Target Compounds							Qvalue
2) E600 Benzaldehyde	4.95	77	842	N.D.			
3) E145 Acetophenone	5.88	105	1381	N.D.			
5) E655 Caprolactam	8.21	113	213	4.94	ng	#	1
6) E195 1,2,4,5-Tetrachlorobe	0.00	216	0	N.D.			
8) C811 1,1'-Biphenyl	8.70	154	5934	0.45	ng		90
9) E230 2,3,4,6 Tetrachloroph	9.87	232	198	2.20	ng	#	12
11) E510 Atrazine	0.00	200	0	N.D.			

MP 10/01/08

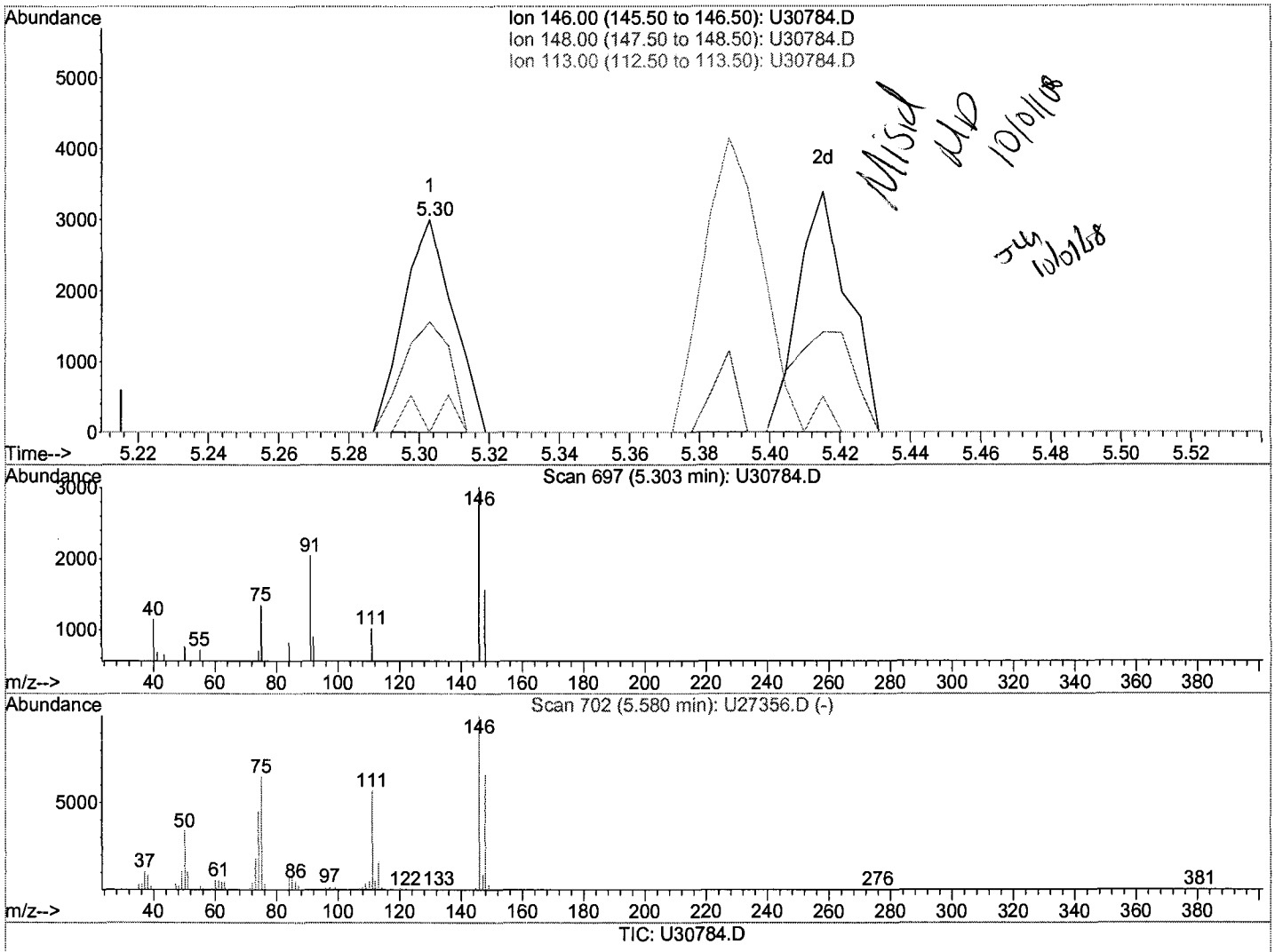
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : D:\DATA\093008\U30784.D
Acq On : 30 Sep 2008 11:18
Sample : A8B72701 AW80017487
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 1 14:39 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 14:23:33 2008
Response via : Multiple Level Calibration



TIC: U30784.D

(11) C340 1,4-Dichlorobenzene (MC)

5.30min 0.50ng

response 2947

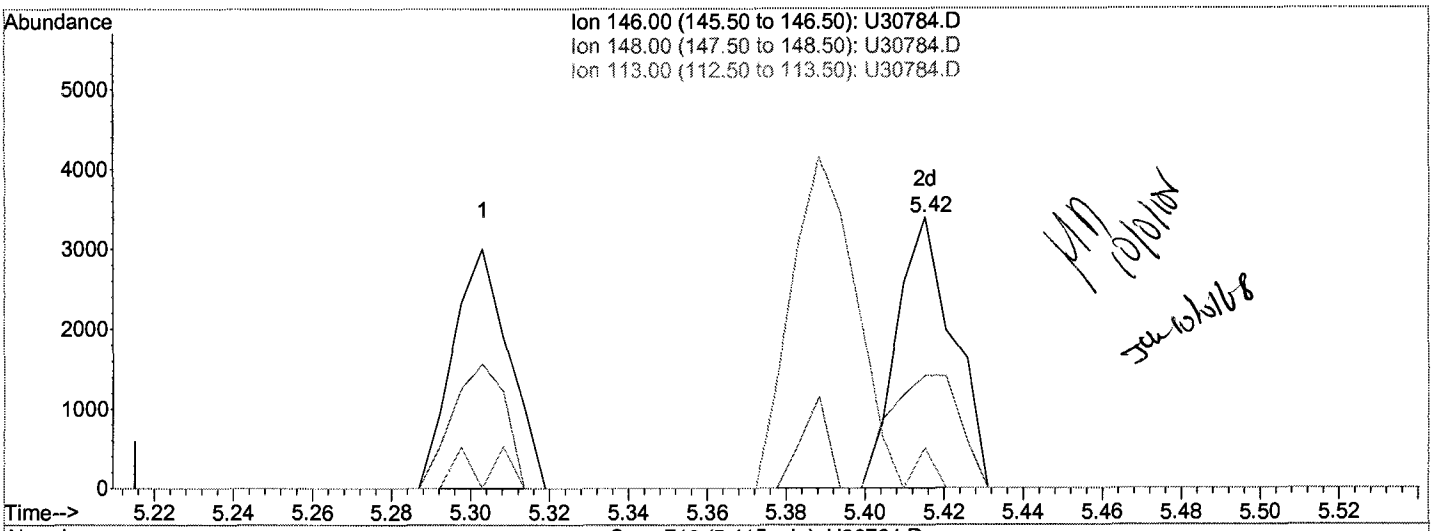
Ion	Exp%	Act%
146.00	100	100
148.00	61.70	51.93
113.00	13.40	0.00
0.00	0.00	0.00

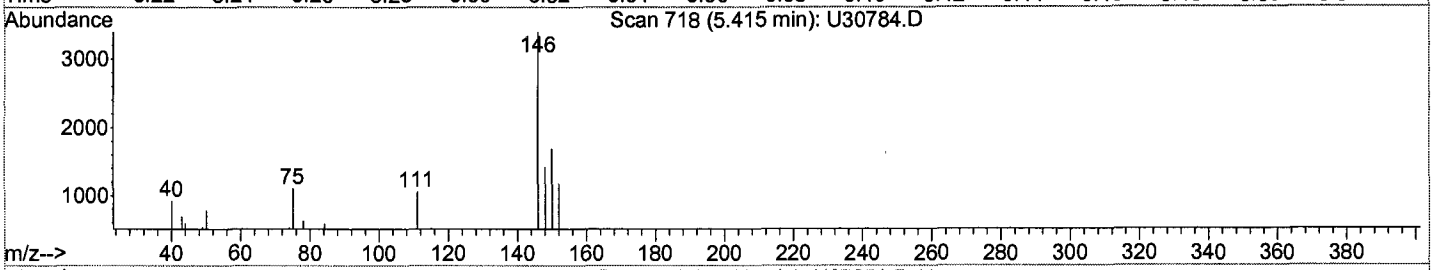
Quantitation Report (Qedit)

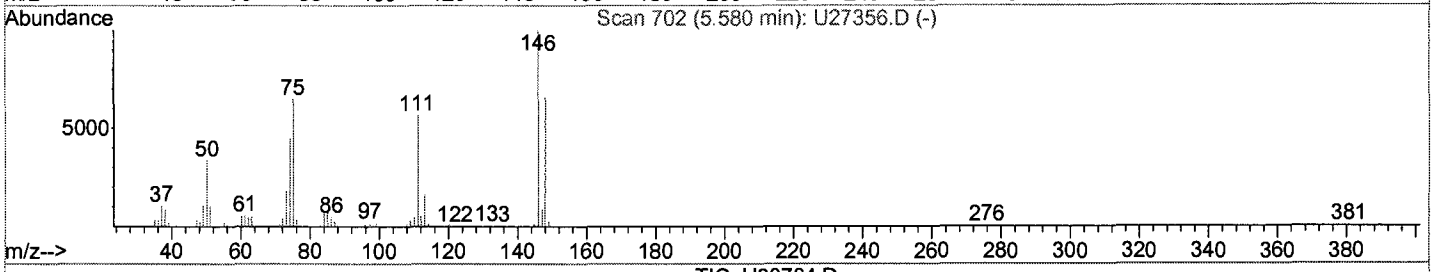
Data File : D:\DATA\093008\U30784.D
Acq On : 30 Sep 2008 11:18
Sample : A8B72701 AW80017487
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 1 14:39 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Oct 01 14:23:33 2008
Response via : Multiple Level Calibration







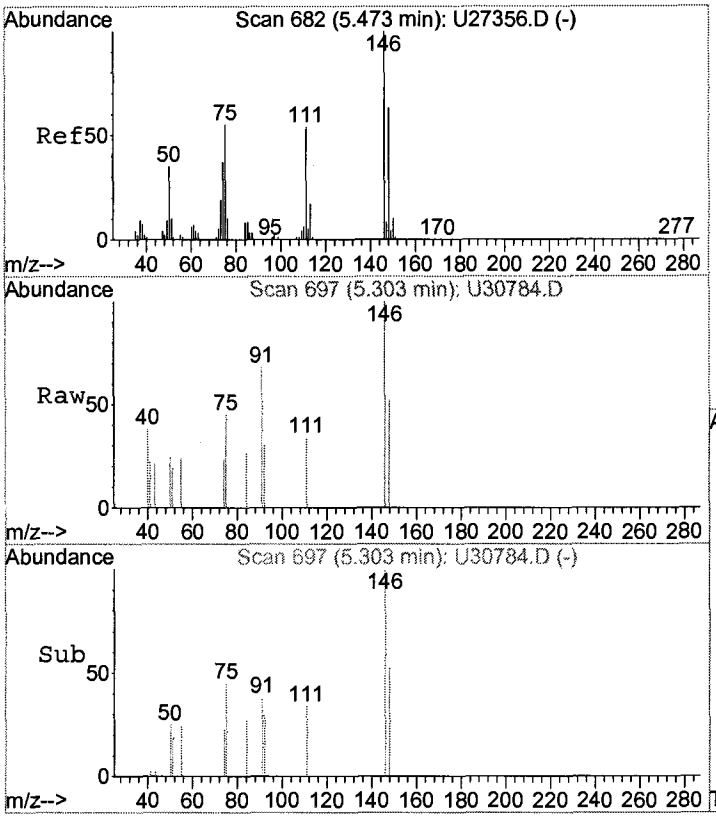
TIC: U30784.D

(11) C340 1,4-Dichlorobenzene (MC)

5.42min 0.57ng m

response 3334

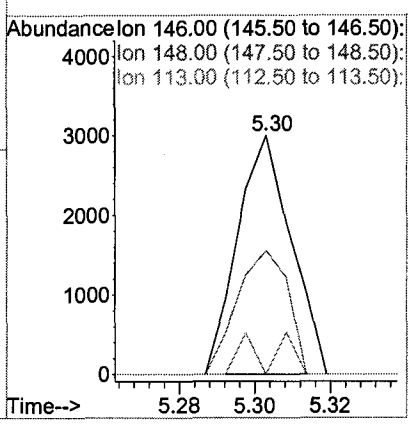
Ion	Exp%	Act%
146.00	100	100
148.00	61.70	41.67#
113.00	13.40	15.00
0.00	0.00	0.00

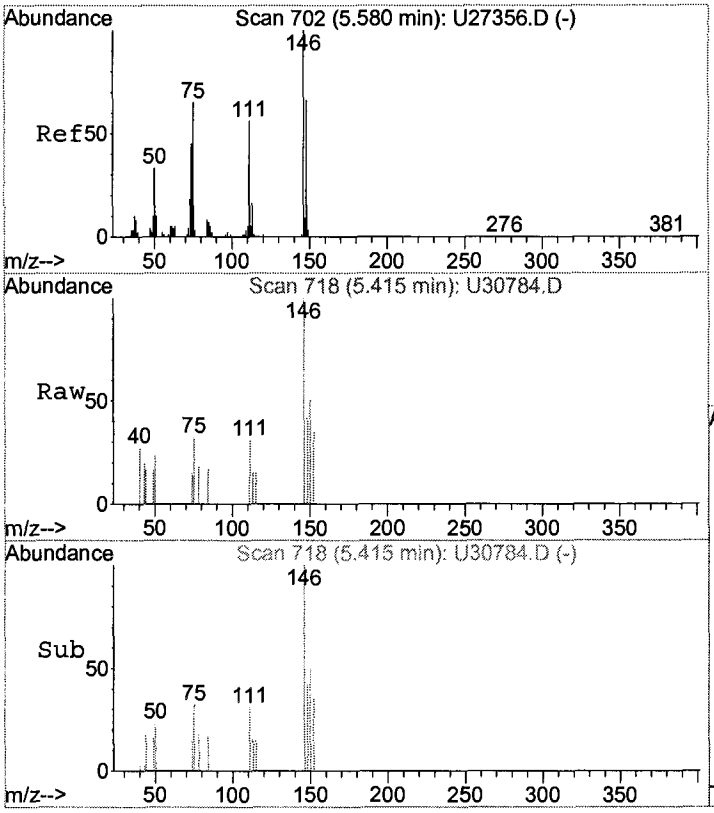


#10
C335 1,3-Dichlorobenzene
Concen: 0.51 ng
RT: 5.30 min Scan# 697
Delta R.T. -0.00 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:146 Resp: 2946

Ion	Ratio	Lower	Upper
146	100		
148	51.9	41.9	81.9
113	0.0	0.0	34.2

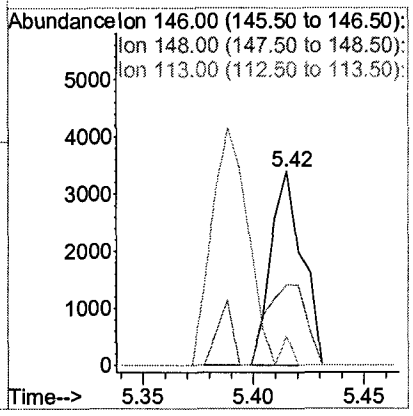


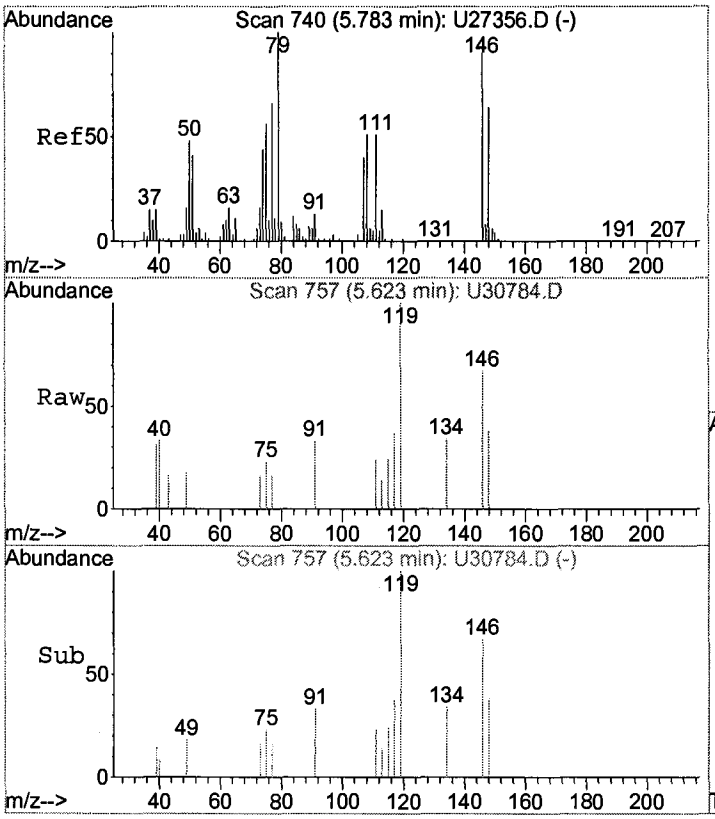


#11
C340 1,4-Dichlorobenzene
Concen: 0.57 ng m
RT: 5.42 min Scan# 718
Delta R.T. -0.00 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:146 Resp: 3334

Ion	Ratio	Lower	Upper
146	100		
148	41.7	41.7	81.7#
113	15.0	0.0	33.4

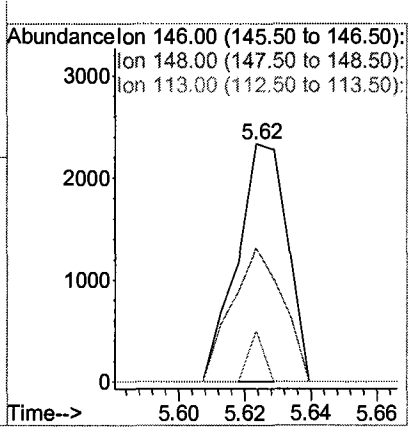


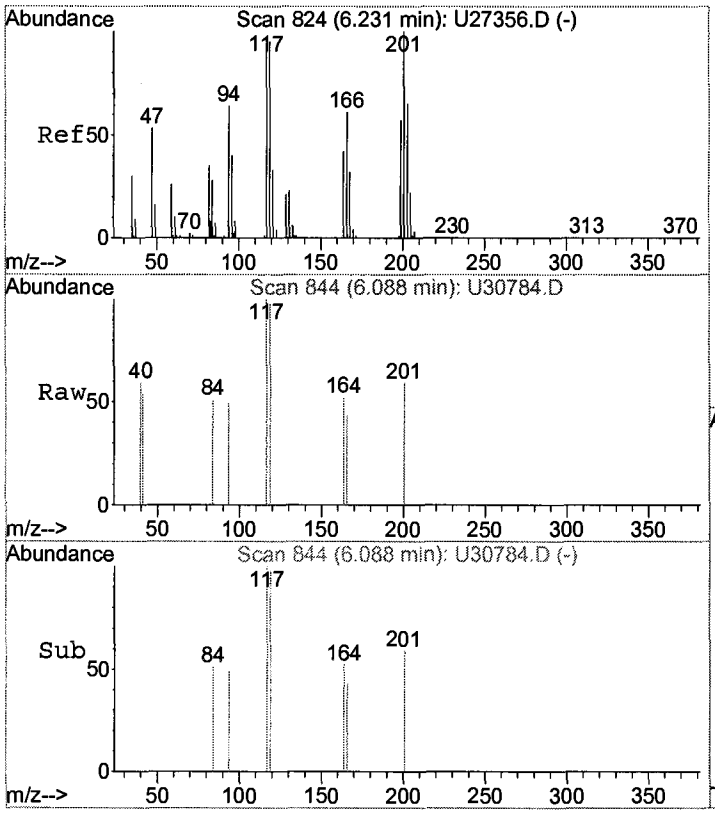


#13
C350 1,2-Dichlorobenzene
Concen: 0.45 ng
RT: 5.62 min Scan# 757
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:146 Resp: 2447

Ion	Ratio	Lower	Upper
146	100		
148	56.3	42.2	82.2
113	21.5	0.0	35.0

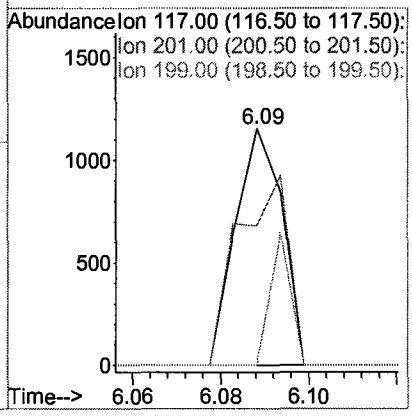


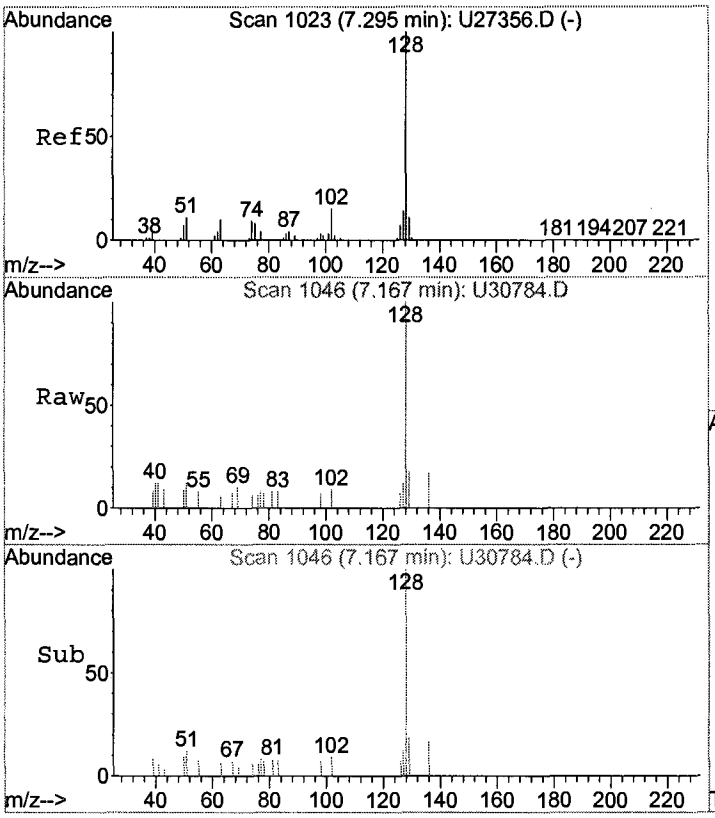


#17
C375 Hexachloroethane
Concen: 0.36 ng
RT: 6.09 min Scan# 844
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:117 Resp: 848

Ion	Ratio	Lower	Upper
117	100		
201	59.1	74.3	114.3#
199	0.0	38.5	78.5#

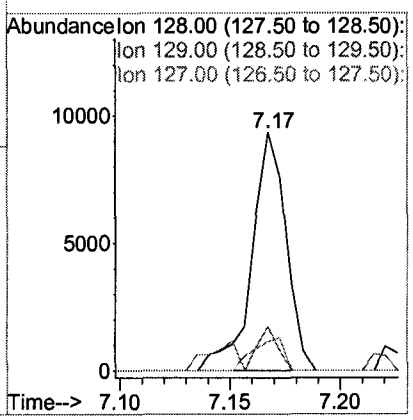


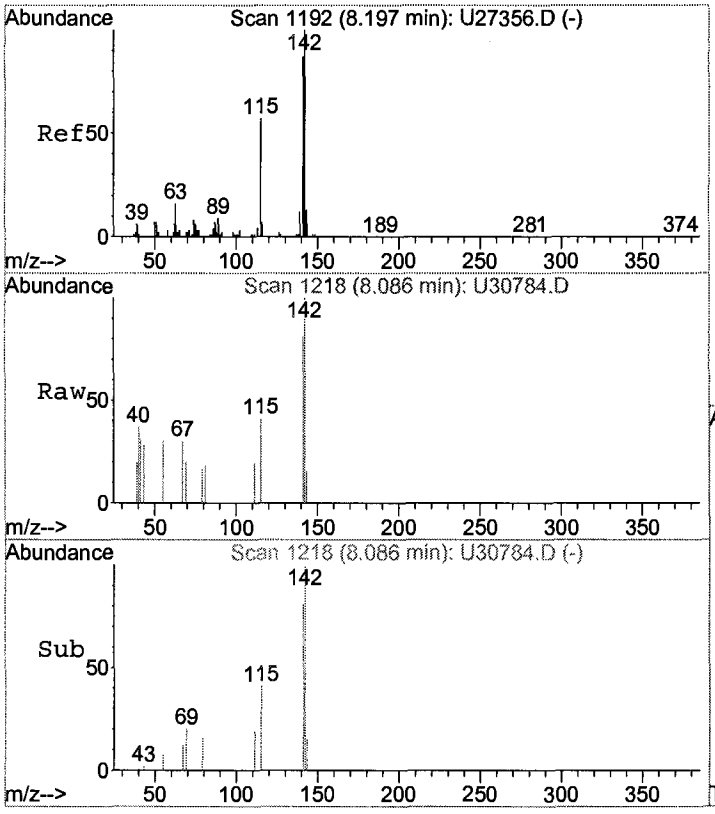


#30
C450 Naphthalene
Concen: 0.72 ng
RT: 7.17 min Scan# 1046
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:128 Resp: 10057

Ion	Ratio	Lower	Upper
128	100		
129	18.4	0.0	30.1
127	12.0	0.0	31.5

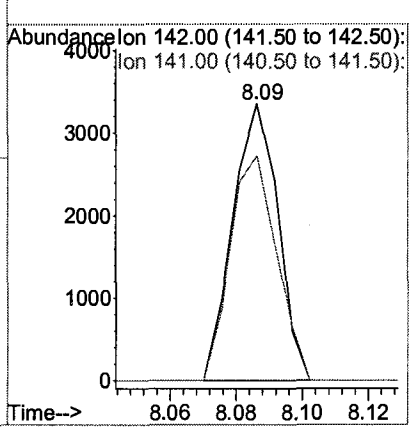


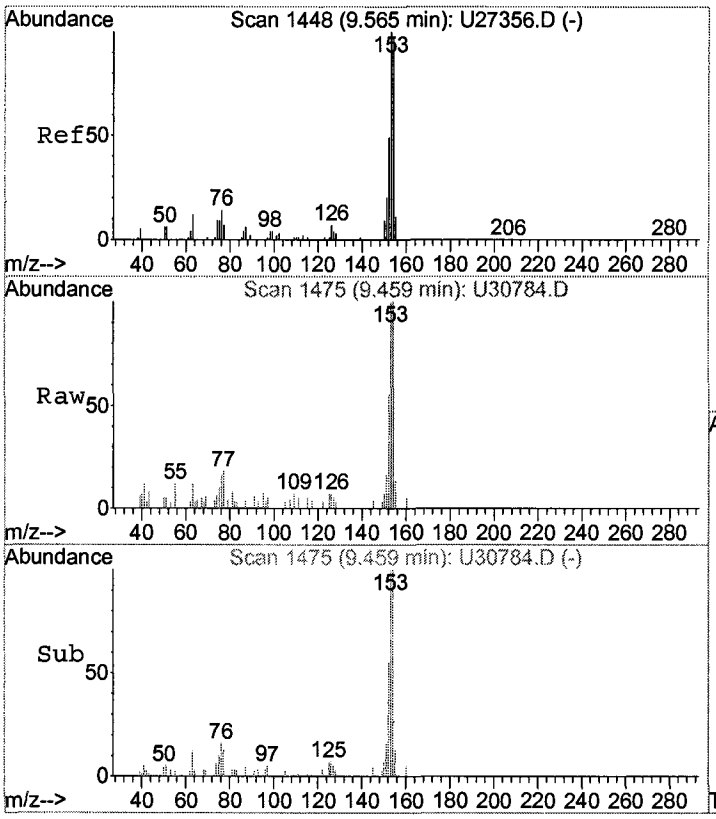


#34
C470 2-Methylnaphthalene
Concen: 0.36 ng
RT: 8.09 min Scan# 1218
Delta R.T. -0.00 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:142 Resp: 3172

Ion	Ratio	Lower	Upper
142	100		
141	81.4	59.8	99.8

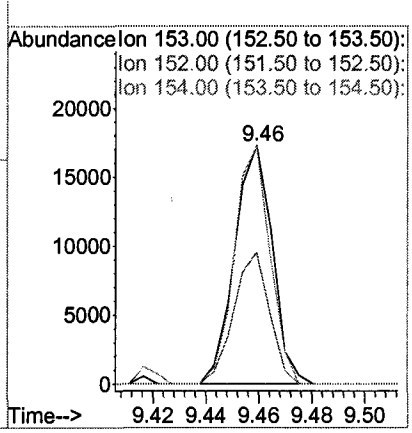


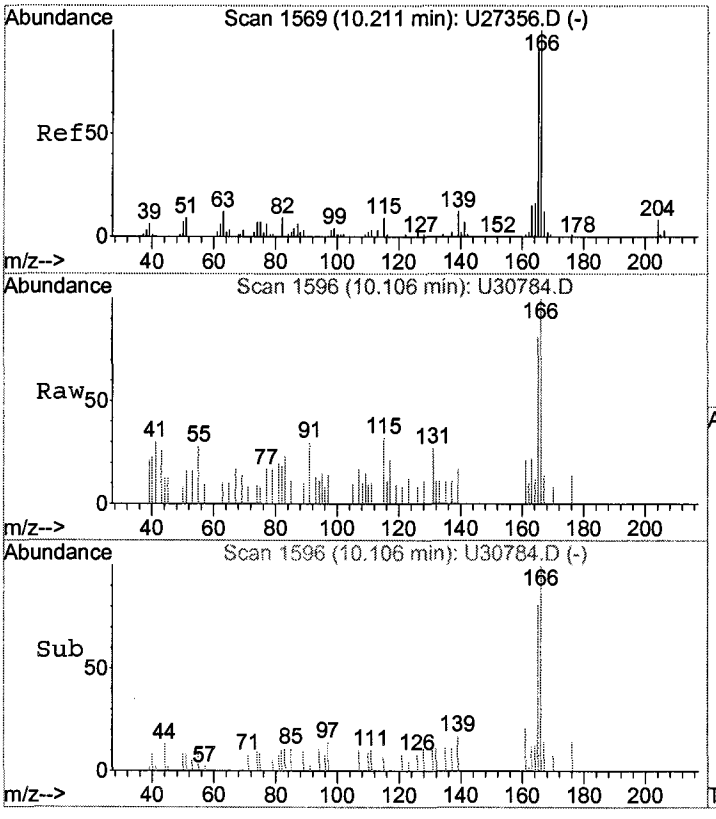


#45
C550 Acenaphthene
Concen: 1.69 ng
RT: 9.46 min Scan# 1475
Delta R.T. -0.00 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:153 Resp: 16992

Ion	Ratio	Lower	Upper
153	100		
152	55.2	27.9	67.9
154	99.7	77.9	117.9

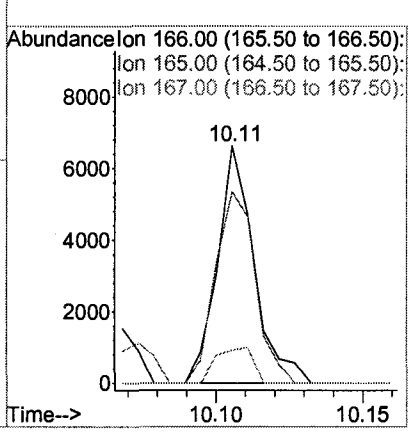


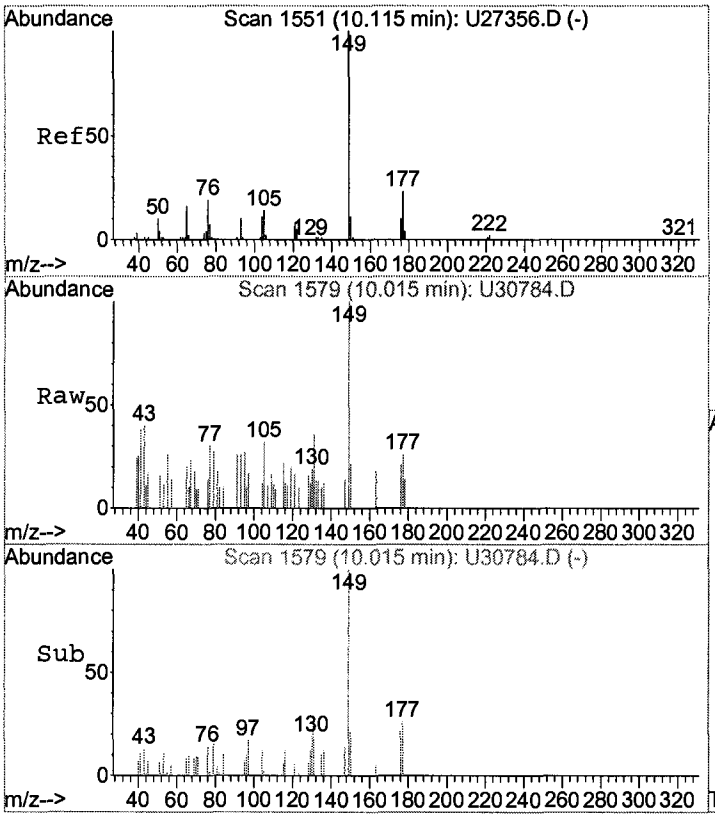


#51
C590 Fluorene
Concen: 0.51 ng
RT: 10.11 min Scan# 1596
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:166 Resp: 5740

Ion	Ratio	Lower	Upper
166	100		
165	80.5	72.0	112.0
167	13.8	0.0	32.5

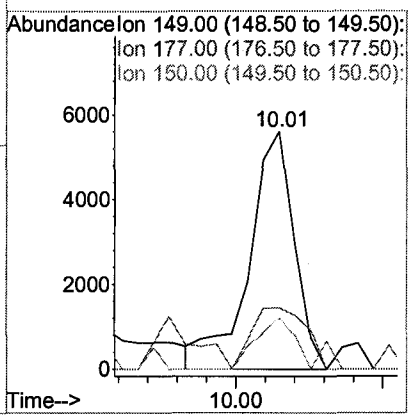


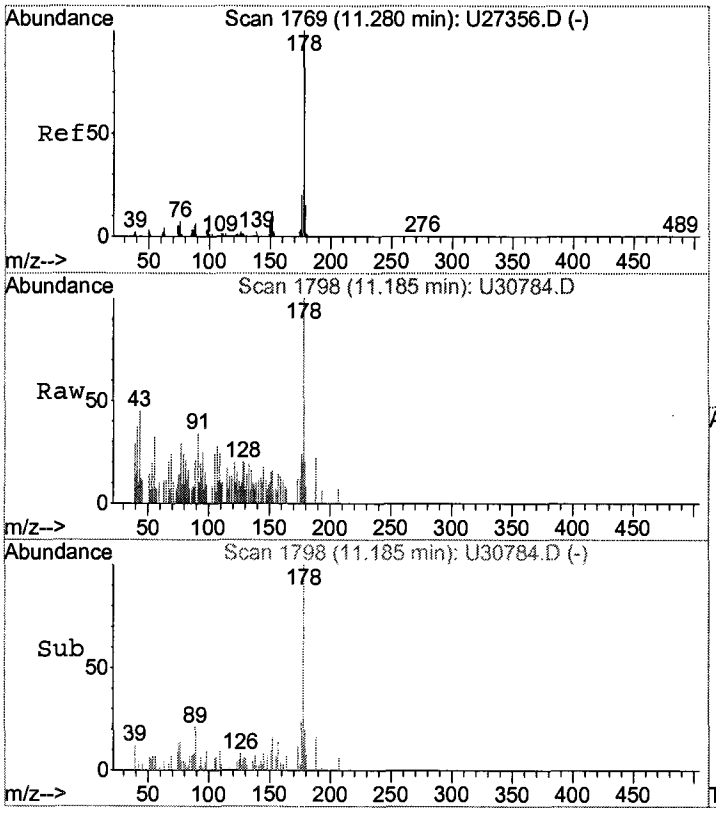


#53
C580 Diethylphthalate
Concen: 0.48 ng
RT: 10.01 min Scan# 1579
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:149 Resp: 5949

Ion	Ratio	Lower	Upper
149	100		
177	25.7	1.2	41.2
150	21.4	0.0	31.9

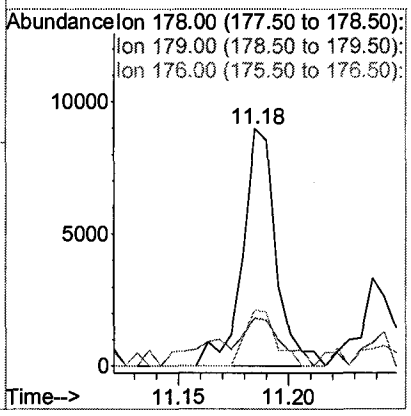


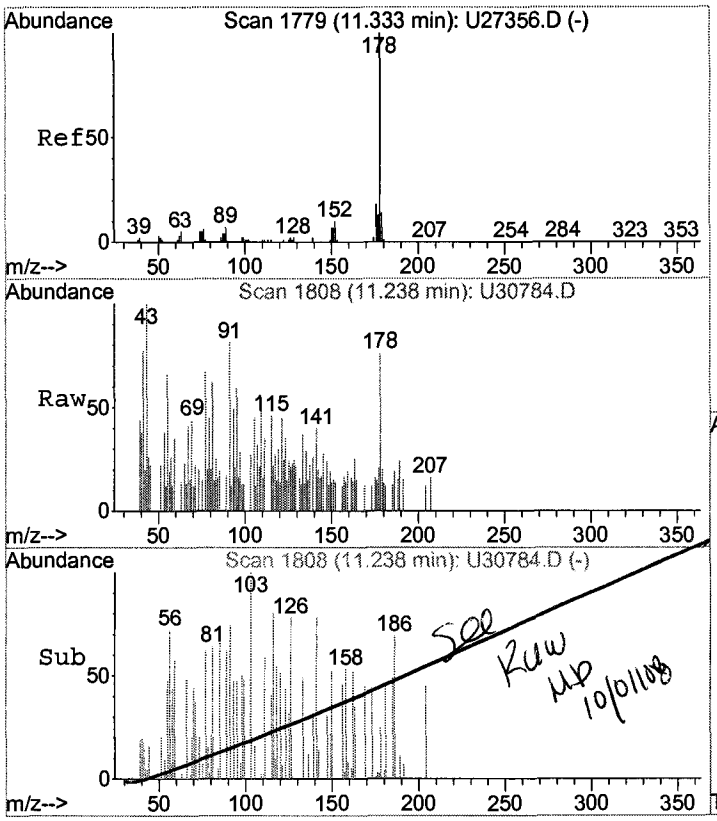


#63
C640 Phenanthrene
Concen: 0.54 ng
RT: 11.18 min Scan# 1798
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:178 Resp: 9491

Ion	Ratio	Lower	Upper
178	100		
179	14.4	0.0	34.3
176	23.7	0.0	38.0

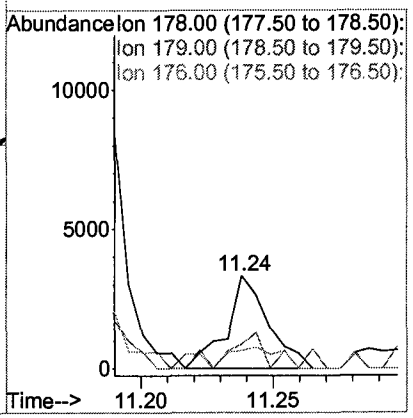


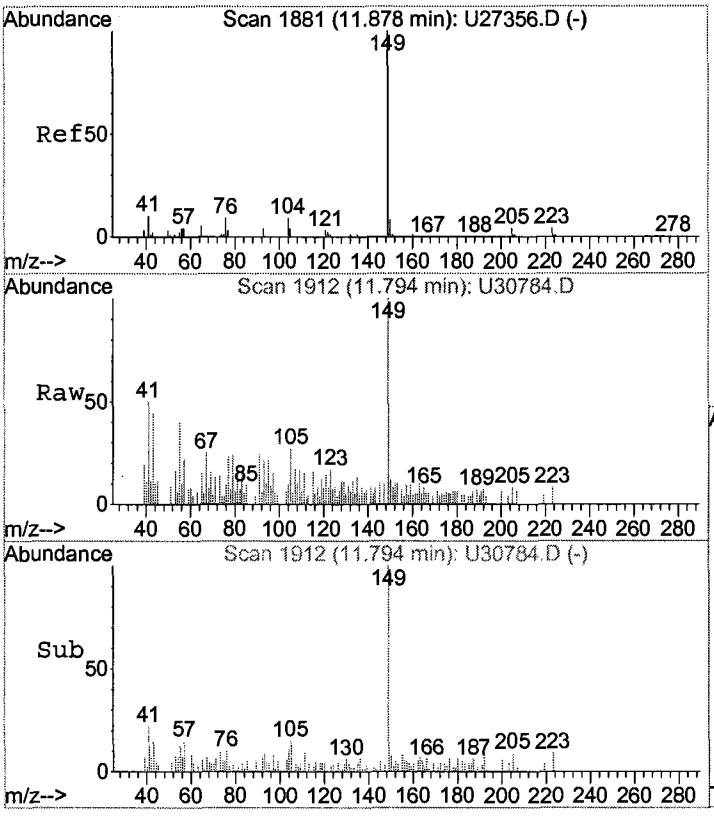


#64
C645 Anthracene
Concen: 0.21 ng
RT: 11.24 min Scan# 1808
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:178 Resp: 3652

Ion	Ratio	Lower	Upper
178	100		
179	26.3	0.0	34.5
176	19.3	0.0	37.1

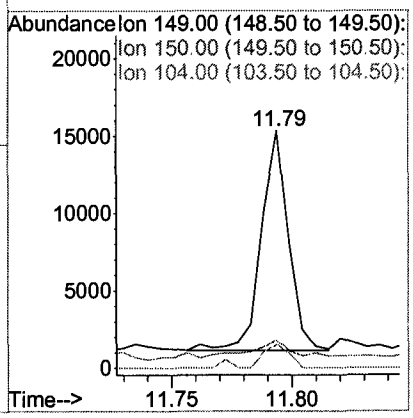


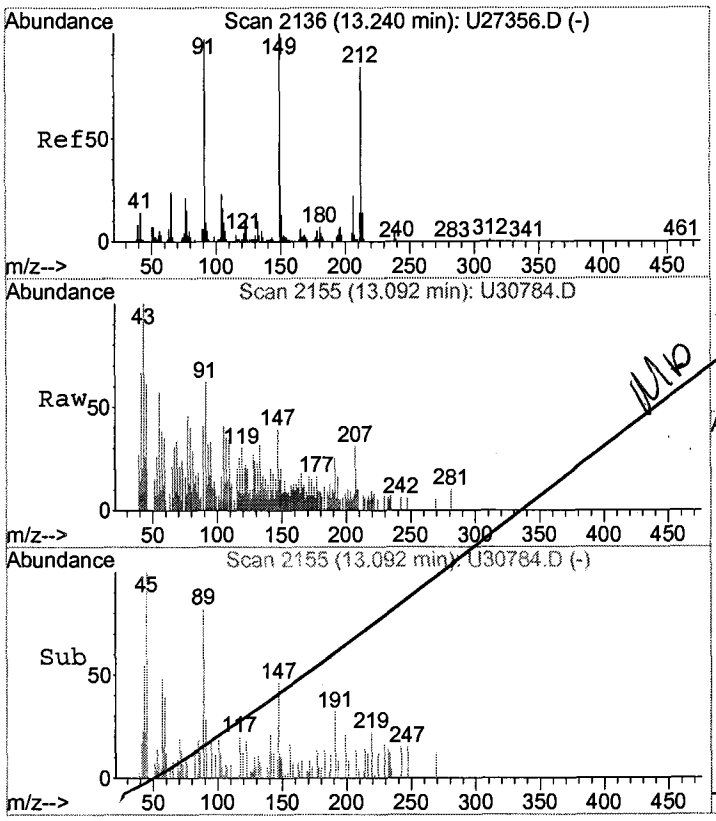


#66
C650 Di-n-butylphthalate
Concen: 0.55 ng
RT: 11.79 min Scan# 1912
Delta R.T. -0.00 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:149 Resp: 11106

Ion	Ratio	Lower	Upper
149	100		
150	7.5	0.0	28.5
104	10.6	0.0	25.2

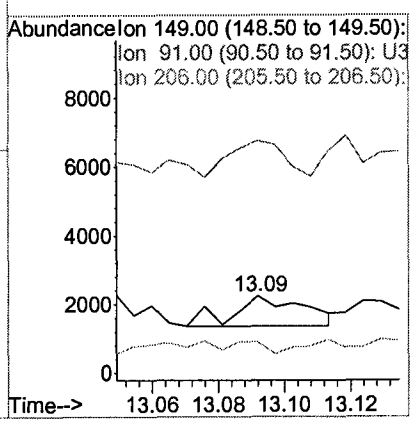


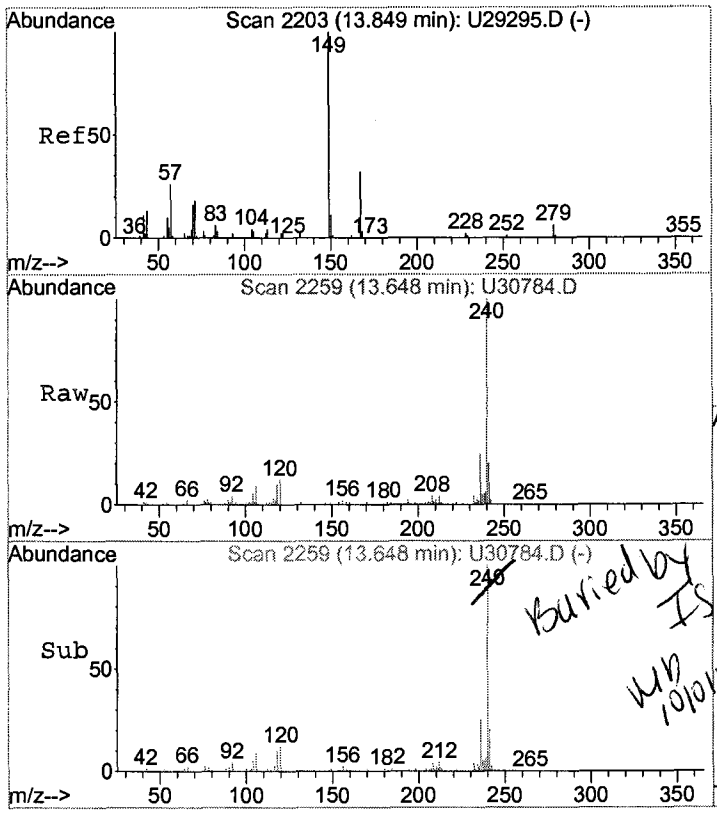


#72
C720 Butylbenzylphthalate
Concen: Below Cal
RT: 13.09 min Scan# 2155
Delta R.T. -0.07 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:149 Resp: 1305

Ion	Ratio	Lower	Upper
149	100		
91	79.7	57.0	97.0
206	17.9	2.7	42.7

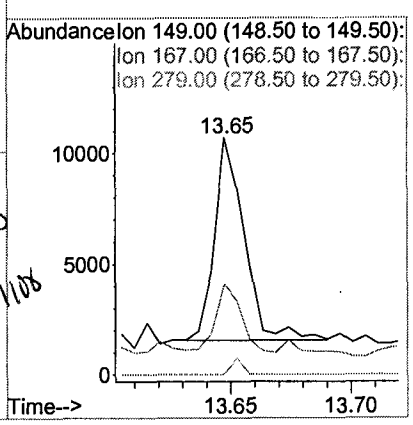




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.20 ng
RT: 13.65 min Scan# 2259
Delta R.T. -0.01 min
Lab File: U30784.D
Acq: 30 Sep 2008 11:18

Tgt Ion:149 Resp: 7843

Ion	Ratio	Lower	Upper
149	100		
167	33.8	13.1	53.1
279	0.0	0.0	27.5

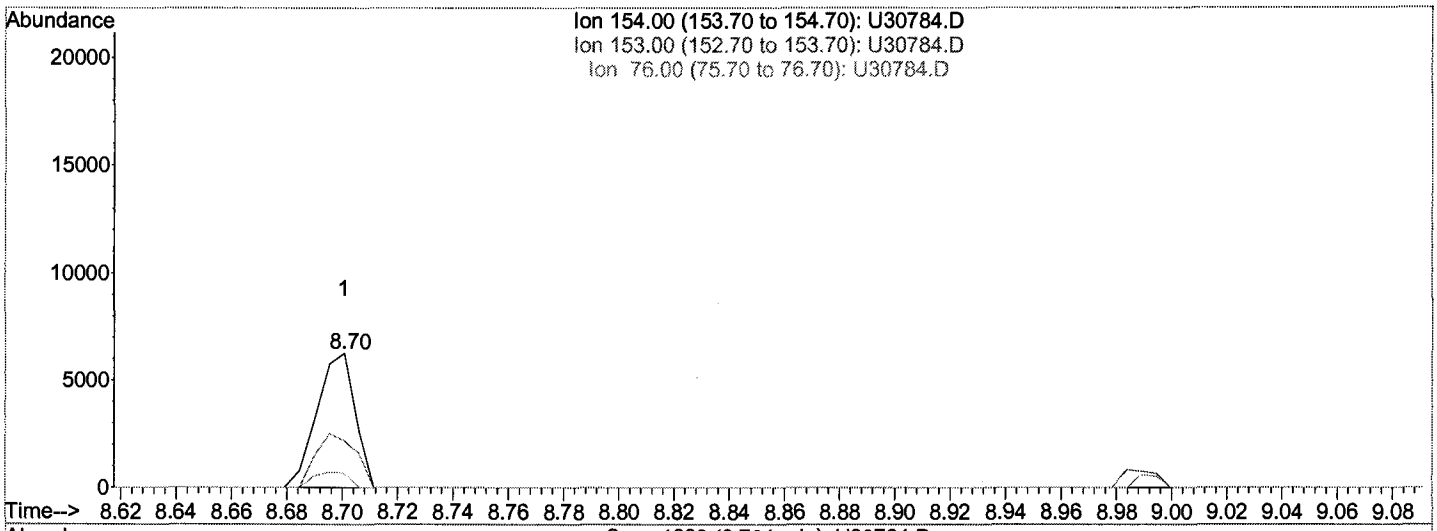


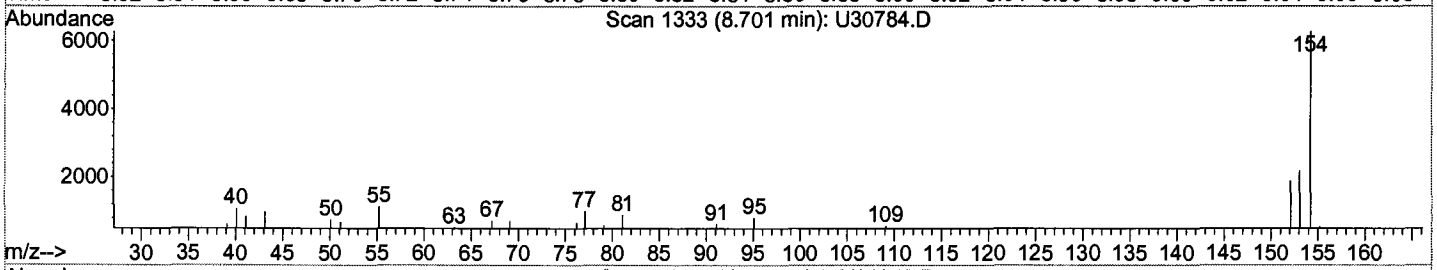
Quantitation Report (Qedit)

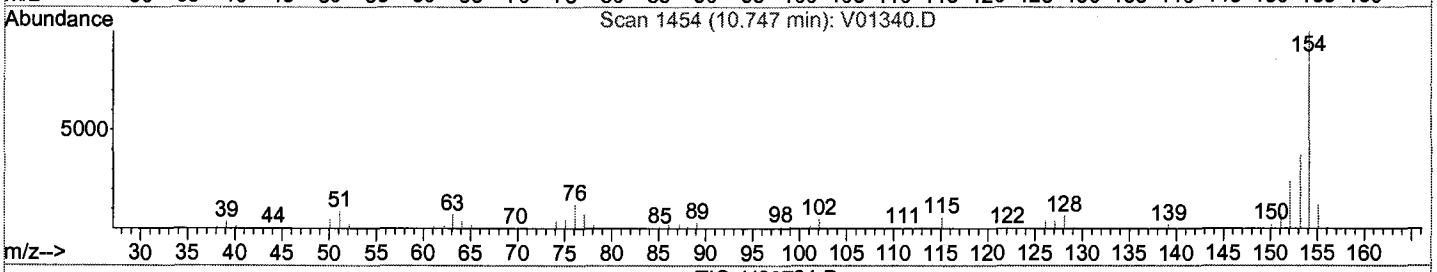
Data File : D:\DATA\093008\U30784.D
Acq On : 30 Sep 2008 11:18
Sample : A8B72701 AW80017487
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 1 14:45 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Fri Oct 03 13:47:16 2008
Response via : Multiple Level Calibration







TIC: U30784.D

(8) C811 1,1'-Biphenyl

8.70min 0.45ng

response 5934

Ion	Exp%	Act%
154.00	100	100
153.00	40.80	34.82
76.00	14.90	10.44
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 890.00 (g/mL) ML Lab File ID: X26921.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	11	U
120-12-7	Anthracene	11	U
1912-24-9	Atrazine	11	U
100-52-7	Benzaldehyde	11	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
92-52-4	Biphenyl	11	U
111-91-1	Bis(2-chloroethoxy) methane	11	U
111-44-4	Bis(2-chloroethyl) ether	11	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
105-60-2	Caprolactam	56	U
86-74-8	Carbazole	11	U
218-01-9	Chrysene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
132-64-9	Dibenzofuran	11	U
84-74-2	Di-n-butyl phthalate	0.4	J
91-94-1	3,3'-Dichlorobenzidine	11	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 890.00 (g/mL) ML Lab File ID: X26921.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	11	U
131-11-3	Dimethyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	56	U
51-28-5	2,4-Dinitrophenol	56	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
117-84-0	Di-n-octyl phthalate	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
91-20-3	Naphthalene	11	U
88-74-4	2-Nitroaniline	56	U
99-09-2	3-Nitroaniline	56	U
100-01-6	4-Nitroaniline	56	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	56	U
86-30-6	N-nitrosodiphenylamine	11	U
621-64-7	N-Nitroso-Di-n-propylamine	11	U
87-86-5	Pentachlorophenol	56	U
85-01-8	Phenanthrene	11	U
108-95-2	Phenol	11	U
129-00-0	Pyrene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79403

Sample wt/vol: 890.00 (g/mL) ML Lab File ID: X26921.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

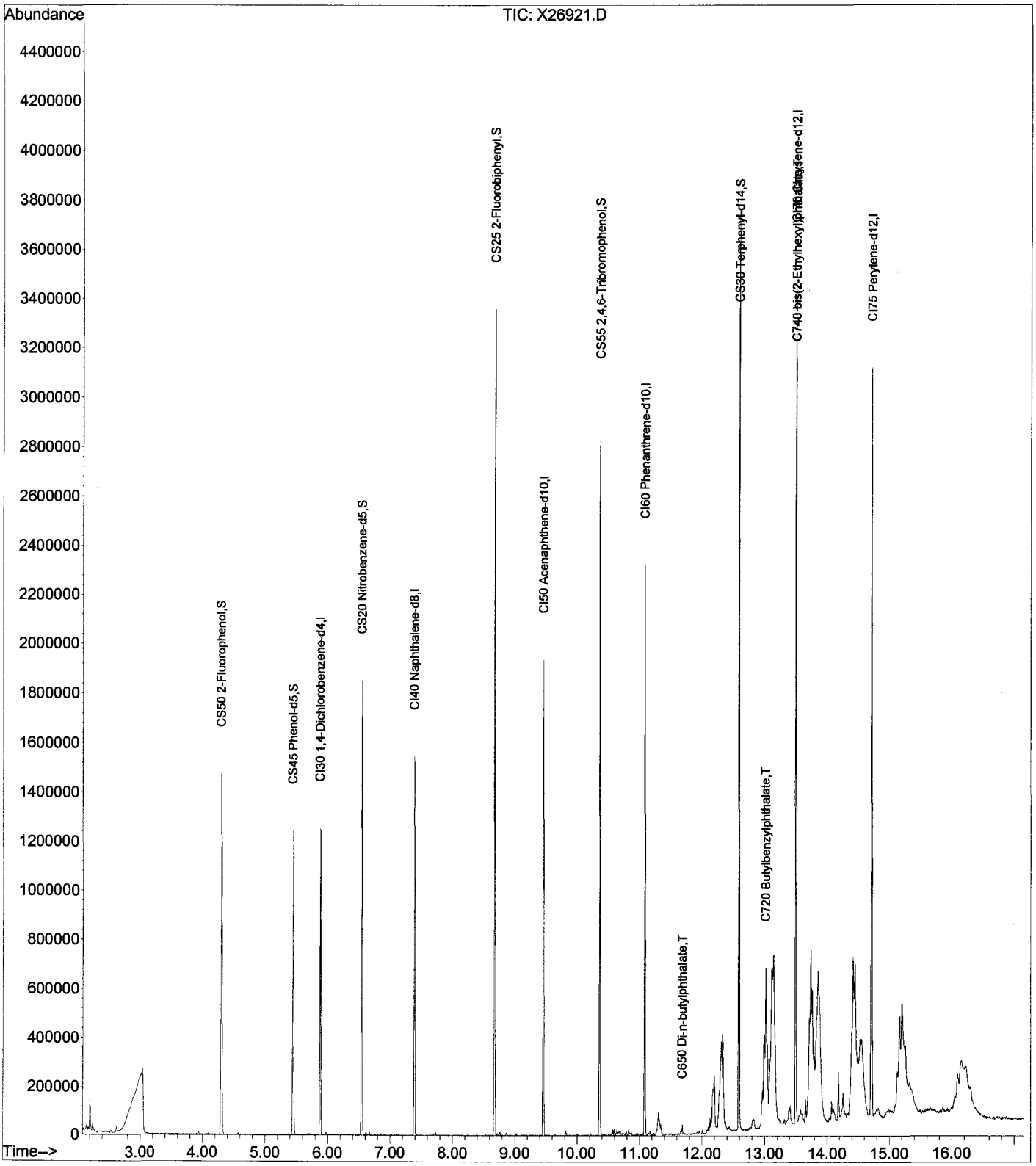
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	11	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26921.D Vial: 14
Acq On : 2 Oct 2008 13:29 Operator: AJ
Sample : A8B79403 AW80017845 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Oct 03 08:30:52 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed) 822/3787

Data File : D:\DATA\100208\X26921.D Vial: 14
Acq On : 2 Oct 2008 13:29 Operator: AJ
Sample : A8B79403 AW80017845 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:30:52 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS 10/3/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	181040	40.00	ng	0.00 104.86%
20) CI40 Naphthalene-d8	7.39	136	625136	40.00	ng	0.00 103.78%
35) CI50 Acenaphthene-d10	9.46	164	400380	40.00	ng	0.00 116.34%
56) CI60 Phenanthrene-d10	11.08	188	708171	40.00	ng	0.00 112.59%
68) CI70 Chrysene-d12	13.50	240	1149898	40.00	ng	0.00 132.72%
78) CI75 Perylene-d12	14.71	264	1115312	40.00	ng	0.00 94.93%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	408513	58.55	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 39.03%			
5) CS45 Phenol-d5	5.45	99	401333	45.15	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 30.10%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	601437	76.27	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 76.27%			
39) CS25 2-Fluorobiphenyl	8.68	172	945823	65.94	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 65.94%			
59) CS55 2,4,6-Tribromophenol	10.36	330	249859	140.33	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 93.55%			
71) CS30 Terphenyl-d14	12.59	244	877964	40.97	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 40.97%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	5.46	94	529	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	5.88	108	833	N.D.	
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	6.67	82	640	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

10/15/08

Data File : D:\DATA\100208\X26921.D Vial: 14
Acq On : 2 Oct 2008 13:29 Operator: AJ
Sample : A8B79403 AW80017845 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:30:52 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS
AD
10.3.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30) C450 Naphthalene	7.41	128	1531	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.		
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	8.76	162	1682	N.D.		
41) C530 2-Nitroaniline	0.00	65	0	N.D.		
42) C540 Acenaphthylene	9.29	152	530	N.D.		
43) C535 Dimethylphthalate	8.76	163	998	N.D.		
44) C542 2,6-Dinitrotoluene	9.03	165	453	N.D.		
45) C550 Acenaphthene	9.50	153	169	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	9.70	168	200	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	10.09	166	171	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	10.01	149	1772	N.D.		
54) C620 1,2-diphenylhydrazi	10.32	77	176	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	11.11	178	1411	N.D.		
64) C645 Anthracene	11.16	178	219	N.D.		
65) C647 carbazole	12.00	167	889	N.D.		
66) C650 Di-n-butylphthalate	11.68	149	9597	0.40	ng	96
67) C655 Fluoranthene	12.23	202	2361	N.D.		
69) C715 Pyrene	12.44	202	3421	N.D.		
70) C710 benzidine	12.34	184	483	N.D.		
72) C720 Butylbenzylphthalate	13.02	149	11860	0.82	ng	89
73) C725 3,3'-Dichlorobenzid	13.86	252	162	N.D.		
74) C730 Benzo[a]anthracene	13.50	228	2622	N.D.		
75) C735 Chrysene	13.52	228	376	N.D.		
76) C740 bis(2-Ethylhexyl)phth	13.51	149	7026	0.33	ng	85
77) C760 Di-n-octylphthalate	14.07	149	6324	N.D.		
79) C765 Benzo[b]fluoranthen	14.38	252	430	N.D.		
80) C770 Benzo[k]fluoranthen	14.38	252	430	N.D.		
81) C775 Benzo[a]pyrene	14.71	252	3582	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	15.72	276	828	N.D.		
83) C785 Dibenz[a,h]anthrace	15.72	278	766	N.D.		
84) C790 Benzo[g,h,i]perylen	16.01	276	888	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26921.D Vial: 14
Acq On : 2 Oct 2008 13:29 Operator: AJ
Sample : A8B79403 AW80017845 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:53 2008 Results File: A8I0722.RES

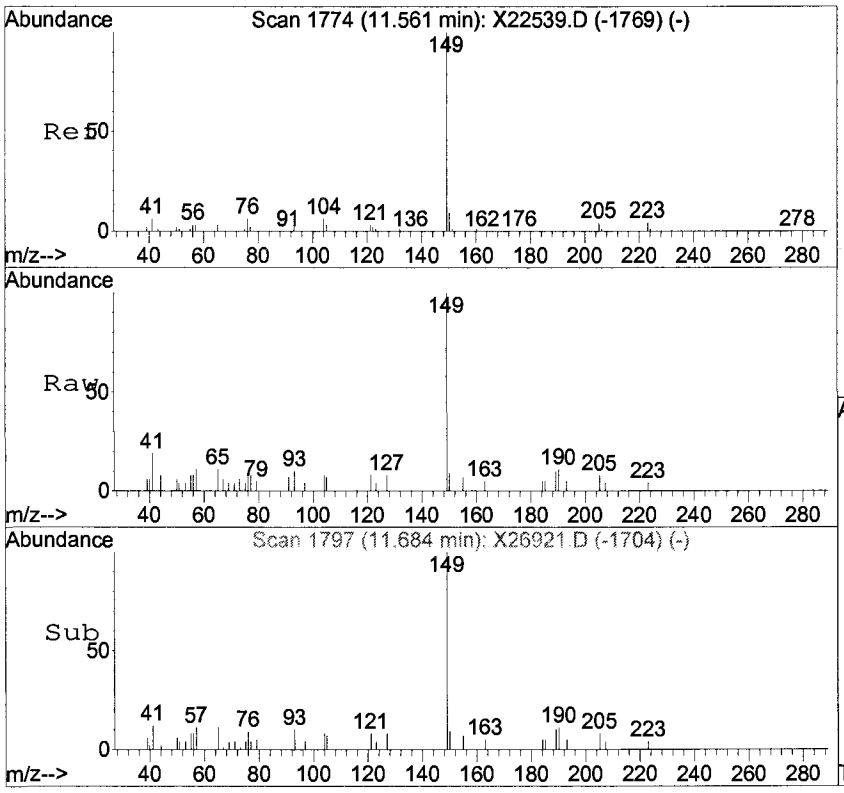
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS RD 10.6.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	181040	40.00	ng	0.00 77.80%
4) CI40 Naphthalene-d8	7.39	136	625136	40.00	ng	0.00 74.27%
7) CI50 Acenaphthene-d8	9.46	164	400380	40.00	ng	0.00 88.48%
10) CI60 Phenanthrene-d10	11.08	188	708171	40.00	ng	0.00 86.27%
12) CI70 Chrysene-d12	13.50	240	1149898	40.00	ng	0.00 117.22%
13) CI75 Perylene-d12	14.71	264	1115312	40.00	ng	0.00 91.77%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.37	77	171	N.D.	
3) E145 Acetophenone	6.38	105	188	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	1713	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

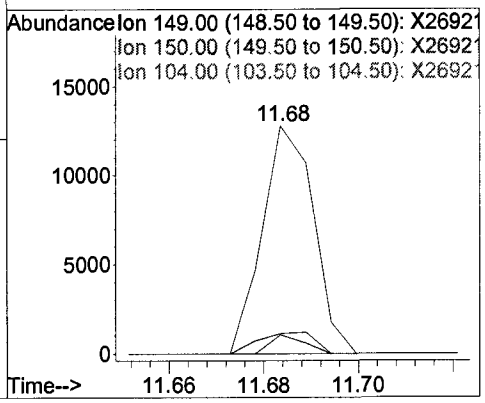
(#) = qualifier out of range (m) = manual integration (+) = signals summed

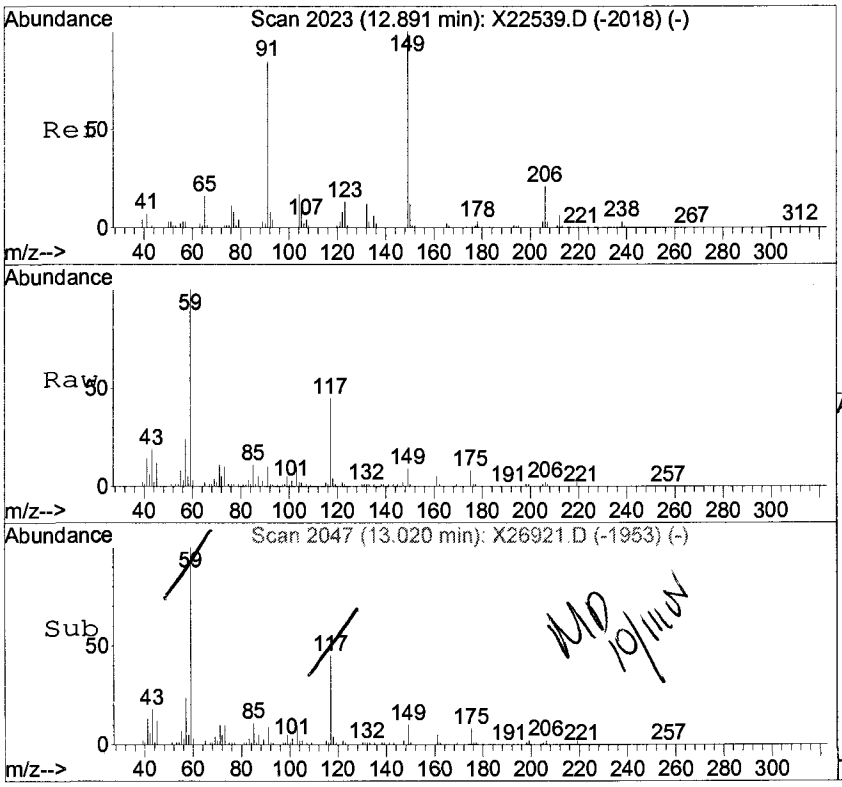


#66
C650 Di-n-butylphthalate
Concen: 0.40 ng
RT: 11.68 min Scan# 1797
Delta R.T. -0.01 min
Lab File: X26921.D
Acq: 2 Oct 2008 13:29

Tgt Ion:149 Resp: 9597

Ion	Ratio	Lower	Upper
149	100		
150	8.7	0.0	29.0
104	8.2	0.0	25.3

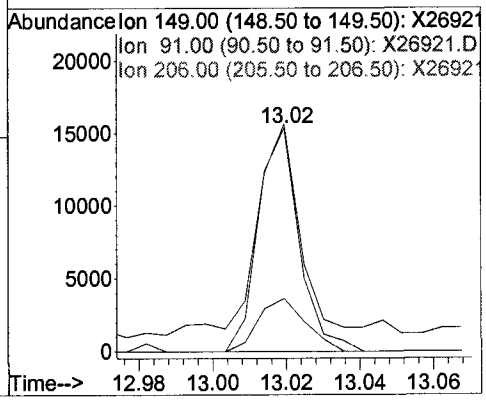




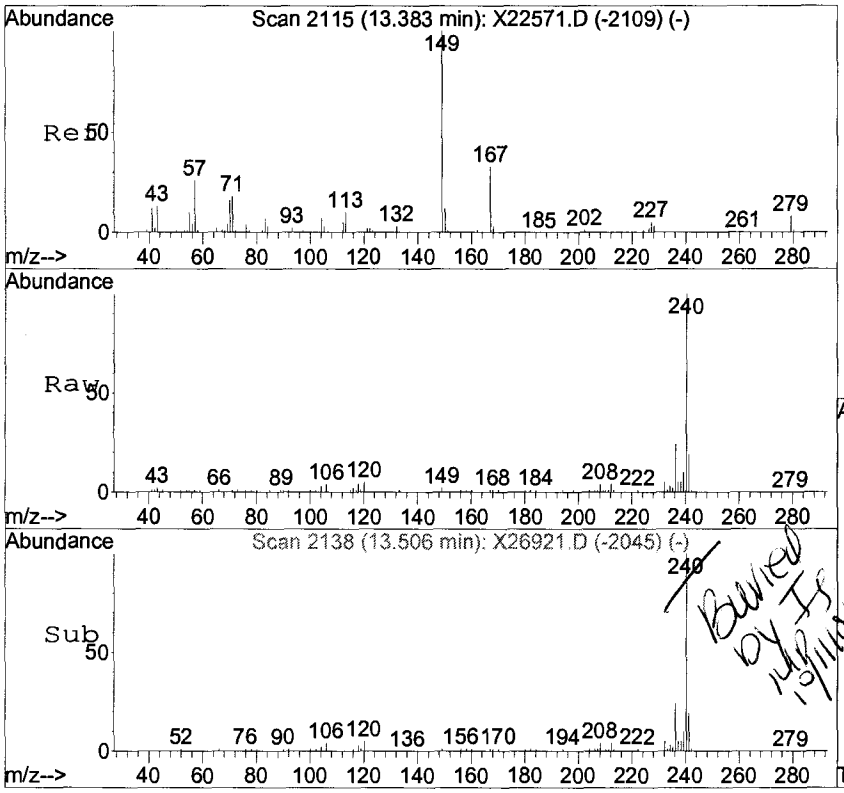
#72
C720 Butylbenzylphthalate
Concen: 0.82 ng
RT: 13.02 min Scan# 2047
Delta R.T. -0.00 min
Lab File: X26921.D
Acq: 2 Oct 2008 13:29

Tgt Ion:149 Resp: 11860

Ion	Ratio	Lower	Upper
149	100		
91	89.3	57.1	97.1
206	23.6	2.9	42.9

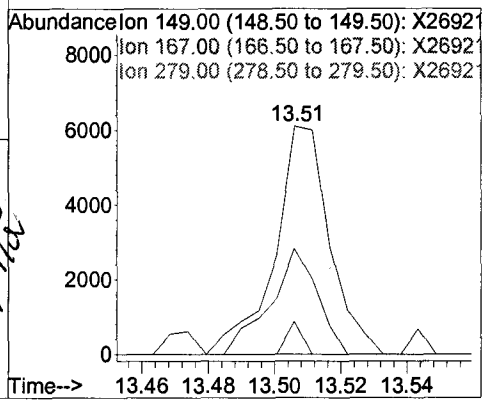


MD 10/14/08



#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.33 ng
RT: 13.51 min Scan# 2138
Delta R.T. -0.01 min
Lab File: X26921.D
Acq: 2 Oct 2008 13:29

Tgt Ion:149	Resp:	7026	
Ion	Ratio	Lower	Upper
149	100		
167	46.4	16.2	56.2
279	14.3	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 940.00 (g/mL) ML Lab File ID: X26923.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	11	U
120-12-7	Anthracene	11	U
1912-24-9	Atrazine	11	U
100-52-7	Benzaldehyde	11	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
92-52-4	Biphenyl	11	U
111-91-1	Bis(2-chloroethoxy) methane	11	U
111-44-4	Bis(2-chloroethyl) ether	11	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
105-60-2	Caprolactam	53	U
86-74-8	Carbazole	11	U
218-01-9	Chrysene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
132-64-9	Dibenzofuran	11	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	11	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	0.5	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 940.00 (g/mL) ML Lab File ID: X26923.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	11	U
131-11-3	Dimethyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
51-28-5	2,4-Dinitrophenol	53	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
117-84-0	Di-n-octyl phthalate	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
91-20-3	Naphthalene	11	U
88-74-4	2-Nitroaniline	53	U
99-09-2	3-Nitroaniline	53	U
100-01-6	4-Nitroaniline	53	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	53	U
86-30-6	N-nitrosodiphenylamine	11	U
621-64-7	N-Nitroso-Di-n-propylamine	11	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	11	U
108-95-2	Phenol	11	U
129-00-0	Pyrene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79405

Sample wt/vol: 940.00 (g/mL) ML Lab File ID: X26923.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

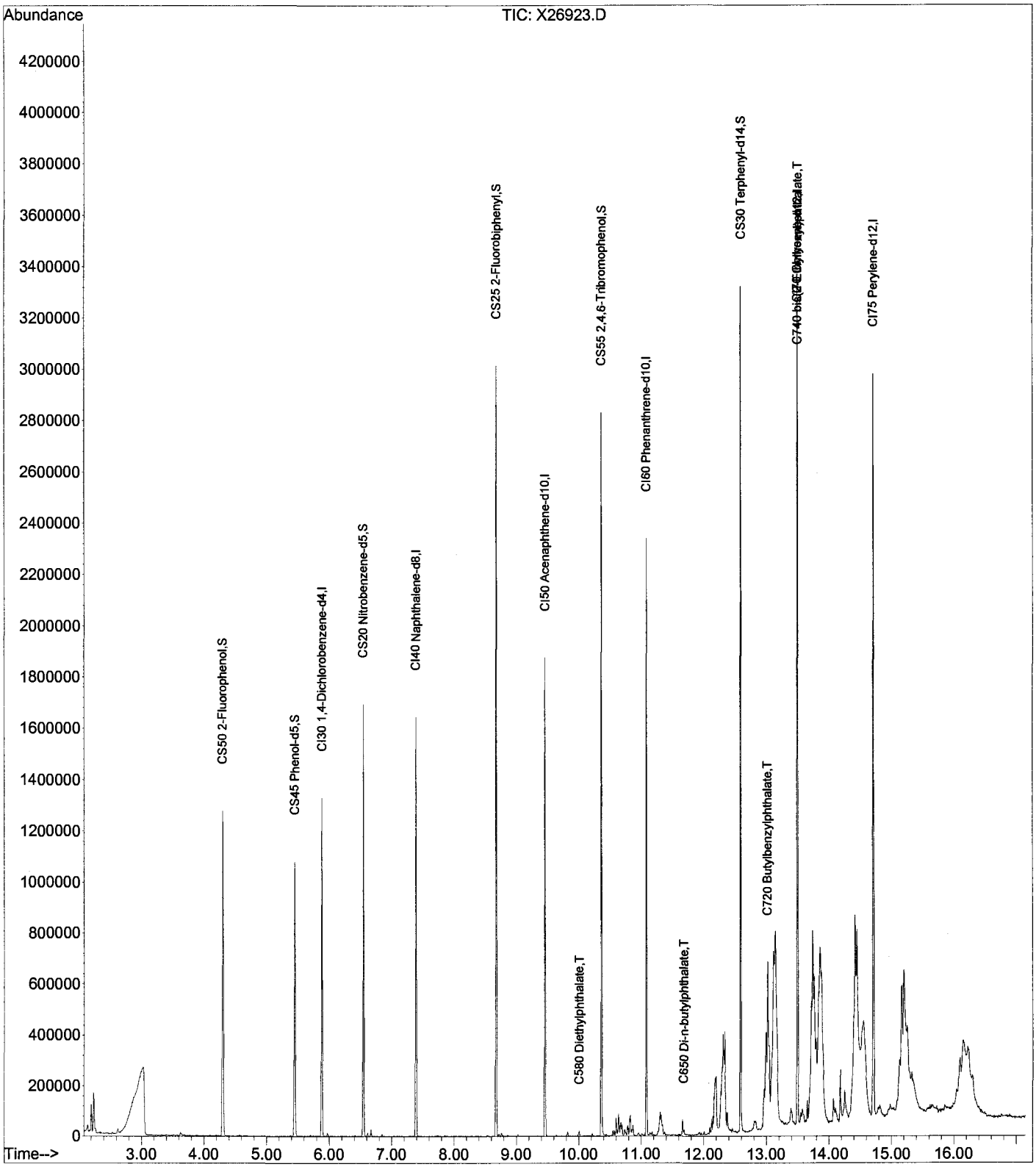
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	11	U

Data File : D:\DATA\100208\X26923.D
Acq On : 2 Oct 2008 14:14
Sample : A8B79405 AW80017847
Misc :
MS Integration Params: rteint.p

Vial: 16
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 03 08:34:18 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Review) 831/3787

Data File : D:\DATA\100208\X26923.D Vial: 16
Acq On : 2 Oct 2008 14:14 Operator: AJ
Sample : A8B79405 AW80017847 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:34:18 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SR 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	176172	40.00	ng	0.00 102.04%
20) CI40 Naphthalene-d8	7.39	136	620754	40.00	ng	0.00 103.05%
35) CI50 Acenaphthene-d10	9.46	164	386119	40.00	ng	0.00 112.20%
56) CI60 Phenanthrene-d10	11.08	188	690694	40.00	ng	0.00 109.81%
68) CI70 Chrysene-d12	13.50	240	1148550	40.00	ng	0.00 132.56%
78) CI75 Perylene-d12	14.71	264	1095202	40.00	ng	0.00 93.22%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	357585	52.67	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 35.11%			
5) CS45 Phenol-d5	5.45	99	346308	40.04	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.69%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	528769	67.53	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.53%			
39) CS25 2-Fluorobiphenyl	8.68	172	839782	60.71	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 60.71%			
59) CS55 2,4,6-Tribromophenol	10.36	330	238627	137.46	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 91.64%			
71) CS30 Terphenyl-d14	12.59	244	813246	38.00	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 38.00%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	5.47	94	673	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	5.88	108	677	N.D.	
15) C360 bis(2-chloroisoprop	6.24	45	195	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D. d	
23) C415 Isophorone	6.67	82	1484	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	7.39	93	196	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

@ 10.15.08

Data File : D:\DATA\100208\X26923.D Vial: 16
Acq On : 2 Oct 2008 14:14 Operator: AJ
Sample : A8B79405 AW80017847 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 08:34:18 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS
10/2/08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	
30) C450 Naphthalene	7.41	128	2206	N.D.	
31) C455 4-Chloroaniline	0.00	127	0	N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	
34) C470 2-Methylnaphthalene	8.24	142	181	N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40) C525 2-Chloronaphthalene	8.76	162	1612	N.D.	
41) C530 2-Nitroaniline	0.00	65	0	N.D.	
42) C540 Acenaphthylene	0.00	152	0	N.D.	
43) C535 Dimethylphthalate	9.18	163	541	N.D.	
44) C542 2,6-Dinitrotoluene	9.02	165	244	N.D.	
45) C550 Acenaphthene	0.00	153	0	N.D.	
46) C545 3-Nitroaniline	0.00	138	0	N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48) C565 Dibenzofuran	9.71	168	233	N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
50) C560 4-Nitrophenol	0.00	109	0	N.D.	
51) C590 Fluorene	10.10	166	270	N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.	
53) C580 Diethylphthalate	10.01	149	6352	0.47 ng	88
54) C620 1,2-diphenylhydrazi	0.00	77	0	N.D.	
55) C595 4-Nitroaniline	0.00	138	0	N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61) C630 Hexachlorobenzene	0.00	284	0	N.D.	
62) C635 Pentachlorophenol	0.00	266	0	N.D.	
63) C640 Phenanthrene	11.11	178	1415	N.D.	
64) C645 Anthracene	11.16	178	168	N.D.	
65) C647 carbazole	12.00	167	621	N.D.	
66) C650 Di-n-butylphthalate	11.68	149	6940	0.30 ng	95
67) C655 Fluoranthene	12.24	202	931	N.D.	
69) C715 Pyrene	12.44	202	443	N.D.	
70) C710 benzidine	12.34	184	379	N.D.	
72) C720 Butylbenzylphthalate	13.02	149	15296	1.06 ng	92
73) C725 3,3'-Dichlorobenzid	13.87	252	165	N.D.	
74) C730 Benzo[a]anthracene	13.50	228	3391	N.D.	
75) C735 Chrysene	13.50	228	3391	N.D.	
76) C740 bis(2-Ethylhexyl)phth	13.51	149	5925	0.28 ng	98
77) C760 Di-n-octylphthalate	14.07	149	5918	N.D.	
79) C765 Benzo[b]fluoranthen	14.37	252	512	N.D.	
80) C770 Benzo[k]fluoranthen	14.37	252	512	N.D.	
81) C775 Benzo[a]pyrene	14.65	252	162	N.D.	
82) C780 Indeno[1,2,3-cd]pyr	15.71	276	578	N.D.	
83) C785 Dibenz[a,h]anthrace	15.73	278	282	N.D.	
84) C790 Benzo[g,h,i]perylen	16.00	276	819	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26923.D
Acq On : 2 Oct 2008 14:14
Sample : A8B79405 AW80017847
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:55 2008

Vial: 16
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0722.RES

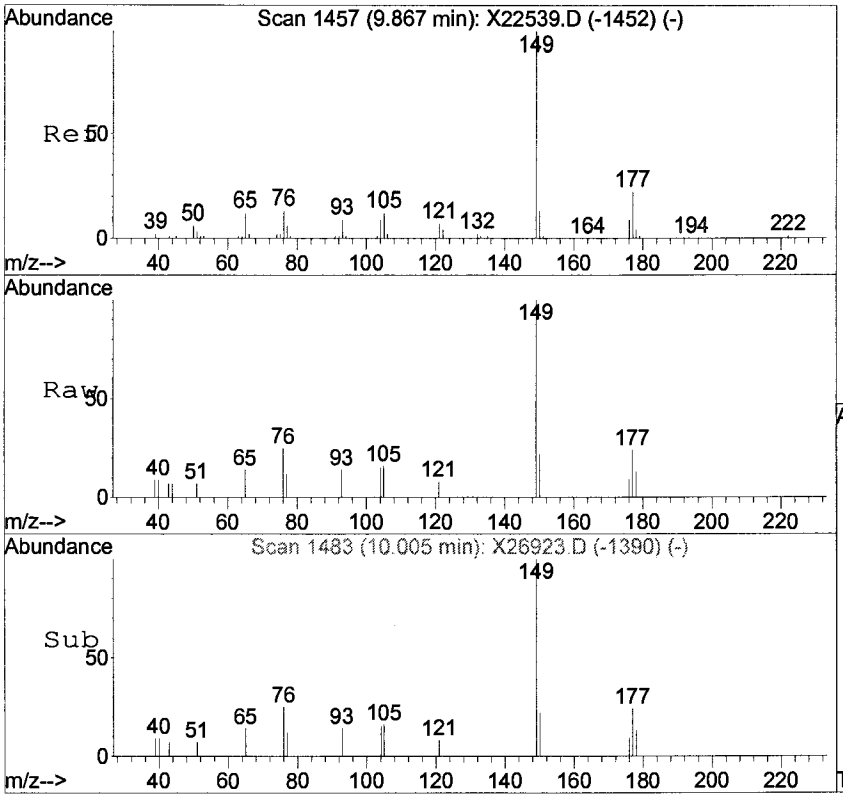
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS AD 10.6.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	176172	40.00	ng	0.00 75.71%
4) CI40 Naphthalene-d8	7.39	136	620754	40.00	ng	0.00 73.75%
7) CI50 Acenaphthene-d8	9.46	164	386119	40.00	ng	0.00 85.33%
10) CI60 Phenanthrene-d10	11.08	188	690694	40.00	ng	0.00 84.14%
12) CI70 Chrysene-d12	13.50	240	1148550	40.00	ng	0.00 117.08%
13) CI75 Perylene-d12	14.71	264	1095202	40.00	ng	0.00 90.11%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.37	77	194	N.D.	
3) E145 Acetophenone	5.83	105	171	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	1347	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

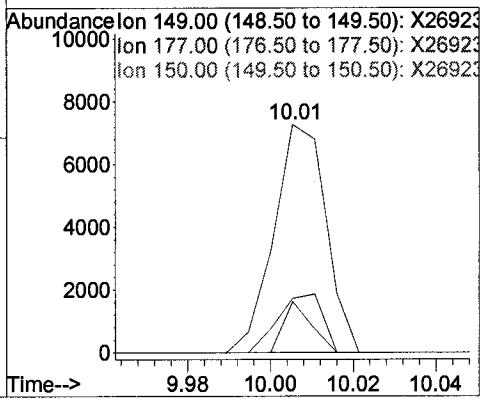
(#) = qualifier out of range (m) = manual integration (+) = signals summed

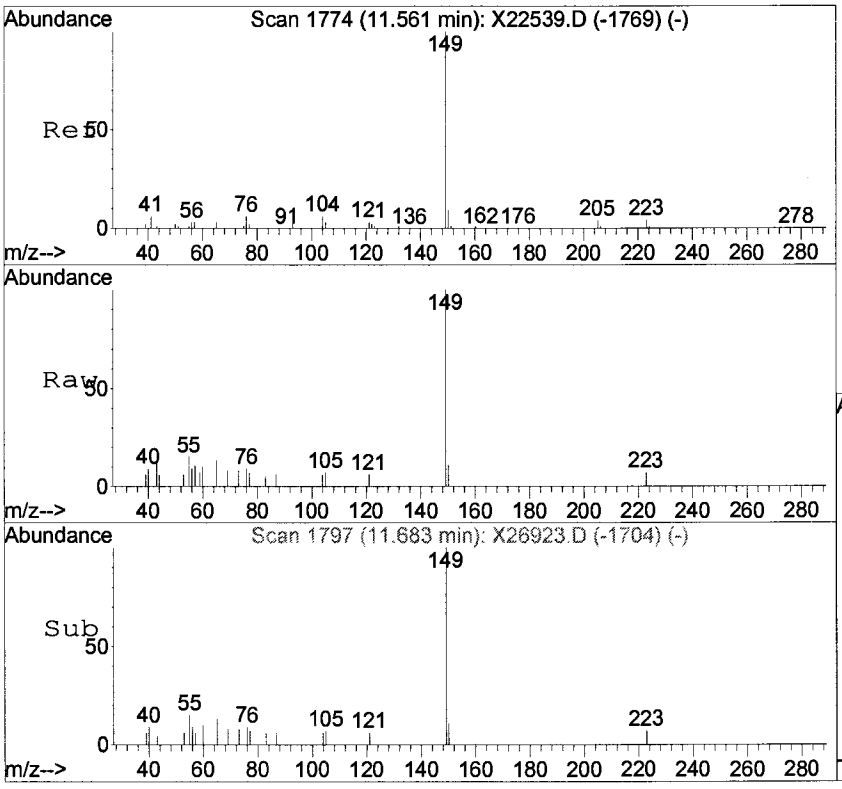


#53
C580 Diethylphthalate
Concen: 0.47 ng
RT: 10.01 min Scan# 1483
Delta R.T. -0.01 min
Lab File: X26923.D
Acq: 2 Oct 2008 14:14

Tgt Ion:149 Resp: 6352

Ion	Ratio	Lower	Upper
149	100		
177	23.7	2.2	42.2
150	22.4	0.0	31.3

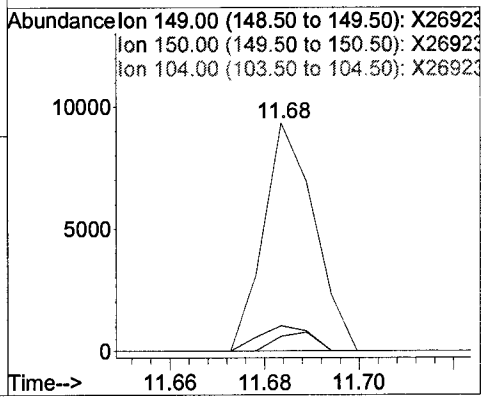


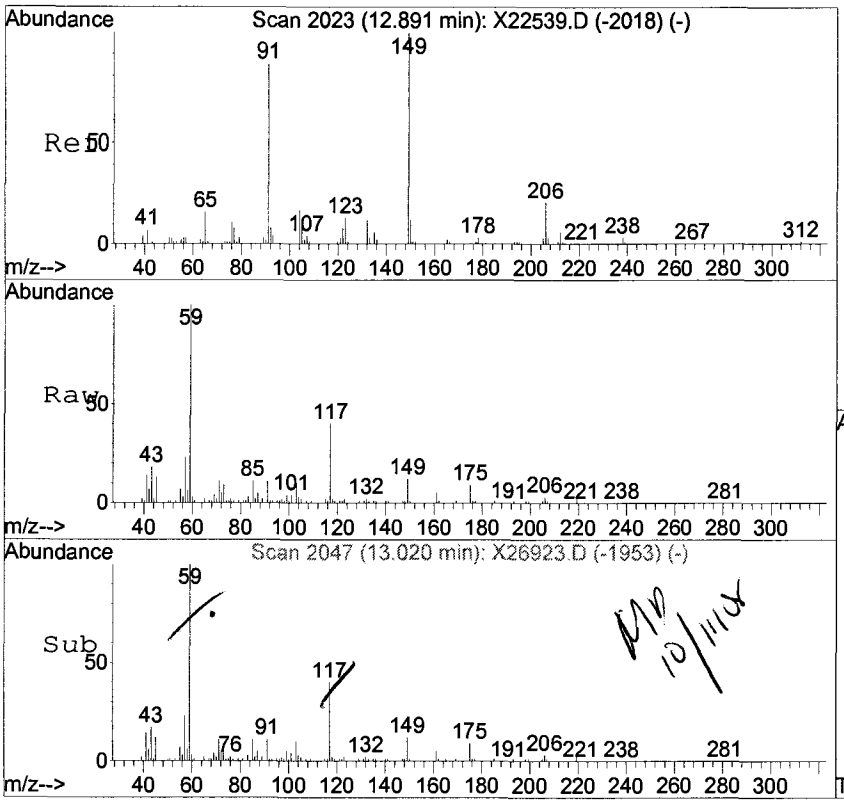


#66
C650 Di-n-butylphthalate
Concen: 0.30 ng
RT: 11.68 min Scan# 1797
Delta R.T. -0.01 min
Lab File: X26923.D
Acq: 2 Oct 2008 14:14

Tgt Ion:149 Resp: 6940

Ion	Ratio	Lower	Upper
149	100		
150	11.0	0.0	29.0
104	6.4	0.0	25.3

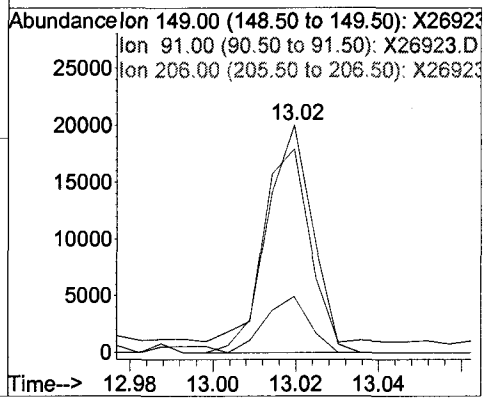


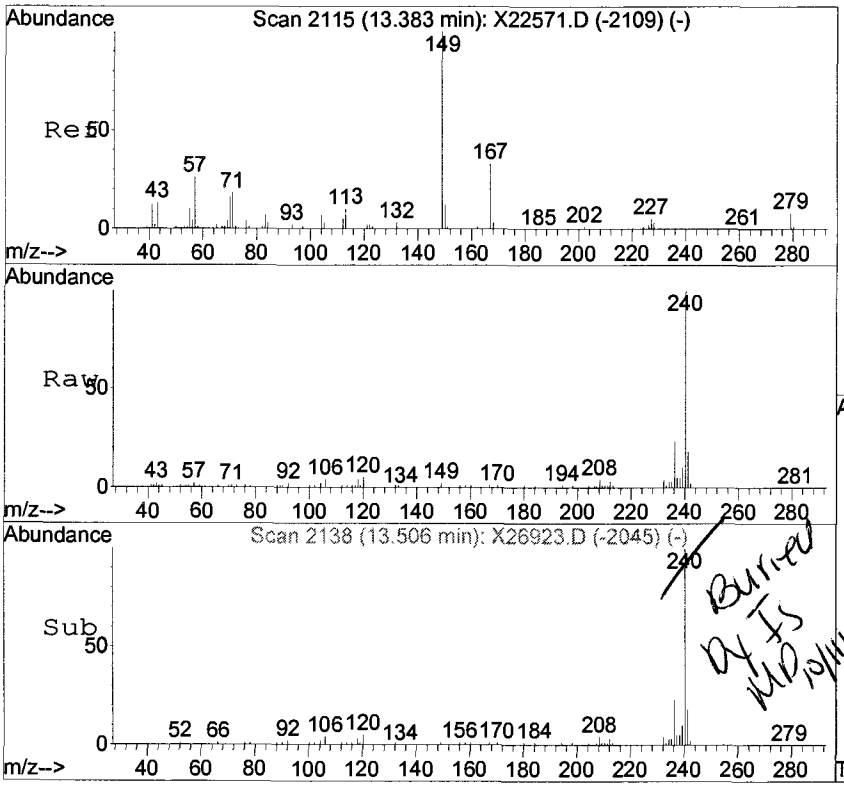


#72
C720 Butylbenzylphthalate
Concen: 1.06 ng
RT: 13.02 min Scan# 2047
Delta R.T. -0.00 min
Lab File: X26923.D
Acq: 2 Oct 2008 14:14

Tgt Ion:149 Resp: 15296

Ion	Ratio	Lower	Upper
149	100		
91	84.8	57.1	97.1
206	24.6	2.9	42.9

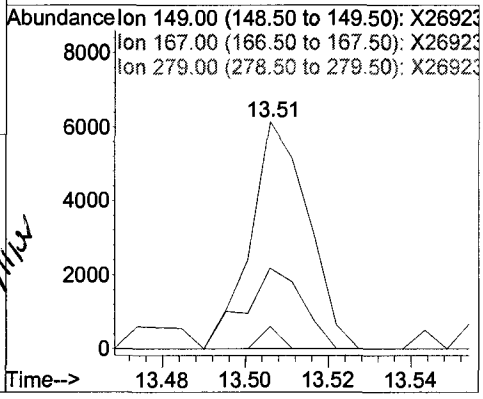




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.28 ng
RT: 13.51 min Scan# 2138
Delta R.T. -0.01 min
Lab File: X26923.D
Acq: 2 Oct 2008 14:14

Tgt Ion:149 Resp: 5925

Ion	Ratio	Lower	Upper
149	100		
167	35.4	16.2	56.2
279	9.7	0.0	31.4



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: X26919.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	11	U
208-96-8	Acenaphthylene	11	U
98-86-2	Acetophenone	21	
120-12-7	Anthracene	11	U
1912-24-9	Atrazine	11	U
100-52-7	Benzaldehyde	11	U
56-55-3	Benzo(a)anthracene	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
191-24-2	Benzo(ghi)perylene	11	U
50-32-8	Benzo(a)pyrene	11	U
92-52-4	Biphenyl	0.2	J
111-91-1	Bis(2-chloroethoxy) methane	3	J
111-44-4	Bis(2-chloroethyl) ether	11	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	11	U
85-68-7	Butyl benzyl phthalate	11	U
106-47-8	4-Chloroaniline	11	U
59-50-7	4-Chloro-3-methylphenol	11	U
91-58-7	2-Chloronaphthalene	11	U
95-57-8	2-Chlorophenol	11	U
7005-72-3	4-Chlorophenyl phenyl ether	11	U
105-60-2	Caprolactam	54	U
86-74-8	Carbazole	11	U
218-01-9	Chrysene	11	U
53-70-3	Dibenzo(a,h)anthracene	11	U
132-64-9	Dibenzofuran	11	U
84-74-2	Di-n-butyl phthalate	0.6	J
91-94-1	3,3'-Dichlorobenzidine	11	U
120-83-2	2,4-Dichlorophenol	11	U
84-66-2	Diethyl phthalate	0.6	J

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: X26919.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	12	
131-11-3	Dimethyl phthalate	11	U
534-52-1	4,6-Dinitro-2-methylphenol	54	U
51-28-5	2,4-Dinitrophenol	54	U
121-14-2	2,4-Dinitrotoluene	11	U
606-20-2	2,6-Dinitrotoluene	11	U
117-84-0	Di-n-octyl phthalate	11	U
206-44-0	Fluoranthene	11	U
86-73-7	Fluorene	11	U
118-74-1	Hexachlorobenzene	11	U
87-68-3	Hexachlorobutadiene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
67-72-1	Hexachloroethane	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
78-59-1	Isophorone	11	U
91-57-6	2-Methylnaphthalene	11	U
95-48-7	2-Methylphenol	2	J
106-44-5	4-Methylphenol	6	J
91-20-3	Naphthalene	3	BJ
88-74-4	2-Nitroaniline	54	U
99-09-2	3-Nitroaniline	54	U
100-01-6	4-Nitroaniline	54	U
98-95-3	Nitrobenzene	11	U
88-75-5	2-Nitrophenol	11	U
100-02-7	4-Nitrophenol	54	U
86-30-6	N-nitrosodiphenylamine	11	U
621-64-7	N-Nitroso-Di-n-propylamine	11	U
87-86-5	Pentachlorophenol	54	U
85-01-8	Phenanthrene	0.3	J
108-95-2	Phenol	60	
129-00-0	Pyrene	11	U
95-95-4	2,4,5-Trichlorophenol	11	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B79401

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: X26919.RR

Level: (low/med) LOW Date Samp/Recv: 09/24/2008 09/25/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

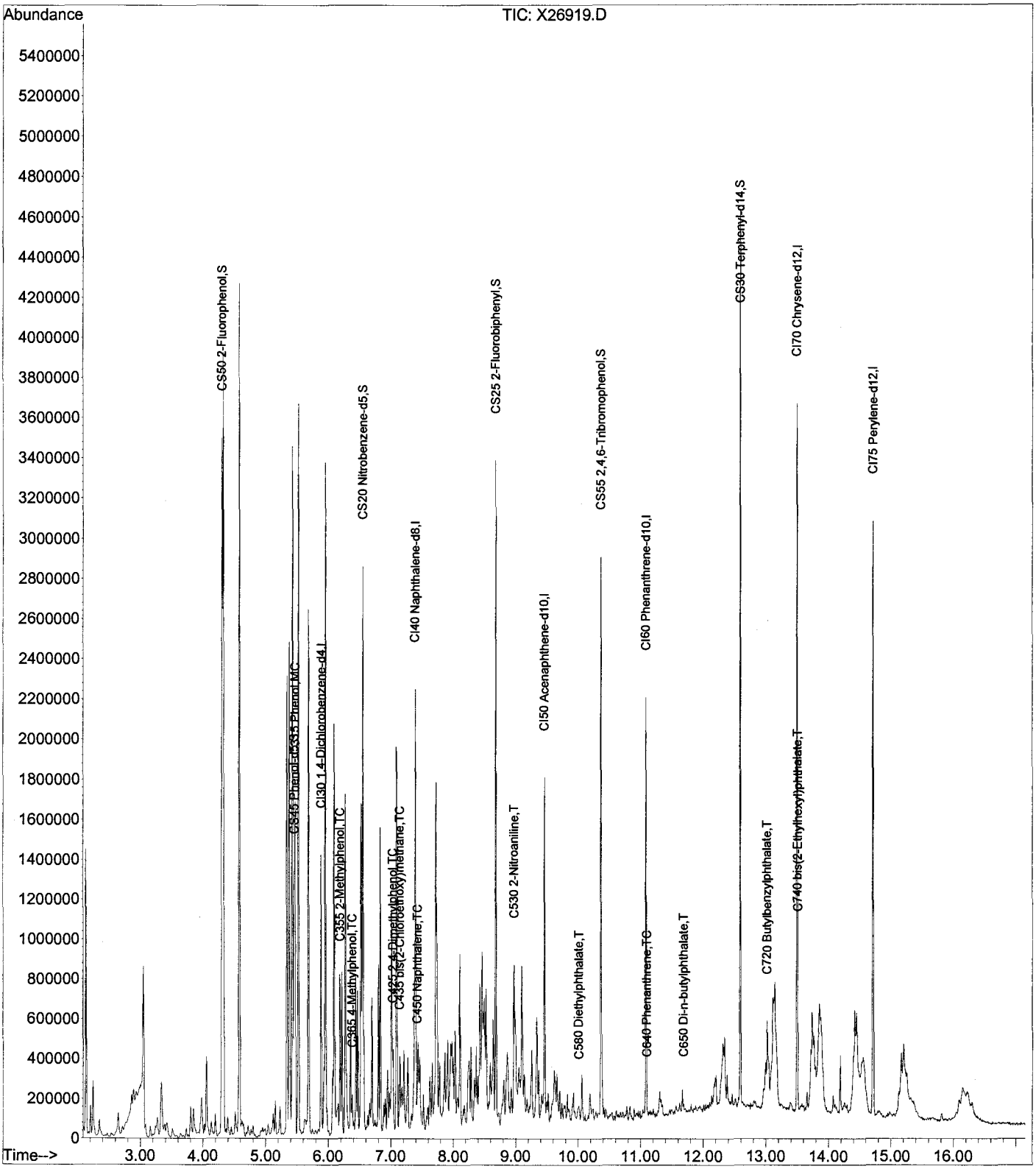
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	11	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26919.D Vial: 12
Acq On : 2 Oct 2008 12:43 Operator: AJ
Sample : A8B79401 AW80017843 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Oct 02 16:39:46 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26919.D
Acq On : 2 Oct 2008 12:43
Sample : A8B79401 AW80017843
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 02 16:39:46 2008

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	182274	40.00	ng	0.00 105.57%
20) CI40 Naphthalene-d8	7.39	136	607152	40.00	ng	0.00 100.79%
35) CI50 Acenaphthene-d10	9.46	164	387982	40.00	ng	0.00 112.74%
56) CI60 Phenanthrene-d10	11.09	188	666356	40.00	ng	0.00 105.94%
68) CI70 Chrysene-d12	13.50	240	1129019	40.00	ng	0.00 130.31%
78) CI75 Perylene-d12	14.71	264	1116858	40.00	ng	0.00 95.06%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	418007	59.51	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 39.67%			
5) CS45 Phenol-d5	5.45	99	408079	45.60	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 30.40%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	609851	79.63	ng	0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 79.63%			
39) CS25 2-Fluorobiphenyl	8.68	172	912073	65.62	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 65.62%			
59) CS55 2,4,6-Tribromophenol	10.37	330	243822	145.44	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 96.96%			
71) CS30 Terphenyl-d14	12.59	244	1005711	47.80	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 47.80%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	d	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	d	
7) C315 Phenol	5.47	94	485285	55.57	ng	96
8) C330 2-Chlorophenol	0.00	128	0	N.D.	d	
9) C320 aniline	0.00	93	0	N.D.	d	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	d	
11) C340 1,4-Dichlorobenzene	5.91	146	1330	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	d	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	d	
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.	d	
16) C355 2-Methylphenol	6.19	108	13498	2.26	ng	80
17) C375 Hexachloroethane	0.00	117	0	N.D.	d	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	d	
19) C365 4-Methylphenol	6.38	108	31737	5.21	ng	87
22) C410 Nitrobenzene	0.00	77	0	N.D.	d	
23) C415 Isophorone	0.00	82	0	N.D.	d	
24) C430 benzoic acid	0.00	122	0	N.D.	d	
25) C420 2-Nitrophenol	6.95	139	214	N.D.		
26) C425 2,4-Dimethylphenol	7.03	107	76923	11.56	ng	95
27) C435 bis(2-Chloroethoxy)me	7.14	93	21497m	2.75	ng #	89
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	d	

@ 10-15-08

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26919.D Vial: 12
Acq On : 2 Oct 2008 12:43 Operator: AJ
Sample : A8B79401 AW80017843 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 02 16:39:46 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AJ 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	7.33	180	994	N.D.			
30) C450 Naphthalene	7.42	128	40784	2.55	ng		92
31) C455 4-Chloroaniline	0.00	127	0	N.D.	d		
32) C460 Hexachlorobutadiene	7.57	225	444	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.	d		
34) C470 2-Methylnaphthalene	8.19	142	814	N.D.			
36) C510 Hexachlorocyclopent	8.42	237	394	N.D.			
37) C515 2,4,6-Trichlorophen	8.58	196	442	N.D.			
38) C520 2,4,5-Trichlorophen	8.58	196	442	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.	d		
41) C530 2-Nitroaniline	8.97	65	18854	4.49	ng	#	30
42) C540 Acenaphthylene	9.29	152	2174	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.	d		
44) C542 2,6-Dinitrotoluene	9.40	165	343	N.D.			
45) C550 Acenaphthene	9.50	153	2118	N.D.			
46) C545 3-Nitroaniline	9.42	138	163	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	9.70	168	2153	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	d		
50) C560 4-Nitrophenol	0.00	109	0	N.D.	d		
51) C590 Fluorene	10.10	166	2440	N.D.			
52) C585 4-Chlorophenyl-phen	10.11	204	200	N.D.			
53) C580 Diethylphthalate	10.01	149	7984	0.58	ng		84
54) C620 1,2-diphenylhydrazi	10.28	77	3061	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.	d		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	10.25	169	660	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	10.68	284	160	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.11	178	4582	0.25	ng		88
64) C645 Anthracene	11.15	178	1525	N.D.			
65) C647 carbazole	11.30	167	1649	N.D.			
66) C650 Di-n-butylphthalate	11.69	149	12399	0.55	ng		93
67) C655 Fluoranthene	12.23	202	2044	N.D.			
69) C715 Pyrene	12.49	202	637	N.D.			
70) C710 benzidine	12.34	184	1098	N.D.			
72) C720 Butylbenzylphthalate	13.02	149	12448	0.88	ng	#	72
73) C725 3,3'-Dichlorobenzid	13.56	252	173	N.D.			
74) C730 Benzo[a]anthracene	13.50	228	4443	N.D.			
75) C735 Chrysene	13.50	228	4443	N.D.			
76) C740 bis(2-Ethylhexyl)phth	13.51	149	12604	0.60	ng		91
77) C760 Di-n-octylphthalate	14.07	149	6710	N.D.			
79) C765 Benzo[b]fluoranthen	14.38	252	474	N.D.			
80) C770 Benzo[k]fluoranthen	14.40	252	540	N.D.			
81) C775 Benzo[a]pyrene	14.71	252	5166	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	15.72	276	550	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	16.00	276	710	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26919.D Vial: 12
Acq On : 2 Oct 2008 12:43 Operator: AJ
Sample : A8B79401 AW80017843 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:18:43 2008 Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS RD 10.6.08

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	182274	40.00 ng	0.00 78.33%
4) CI40 Naphthalene-d8	7.39	136	607152	40.00 ng	0.00 72.13%
7) CI50 Acenaphthene-d8	9.46	164	387982	40.00 ng	0.00 85.74%
10) CI60 Phenanthrene-d10	11.09	188	666356	40.00 ng	0.00 81.17%
12) CI70 Chrysene-d12	13.50	240	1129019	40.00 ng	0.00 115.09%
13) CI75 Perylene-d12	14.71	264	1116858	40.00 ng	0.00 91.90%

Target Compounds					Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D. d	
3) E145 Acetophenone	6.36	105	206328	19.62 ng	# 31
5) E655 Caprolactam	0.00	113	0	N.D. d	
6) E195 1,2,4,5-Tetrachloro	8.43	216	750	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	3360	0.22 ng	77
9) E230 2,3,4,6-Tetrachloroph	9.86	232	176	4.09 ng	# 100
11) E510 Atrazine	10.59	200	177	N.D.	

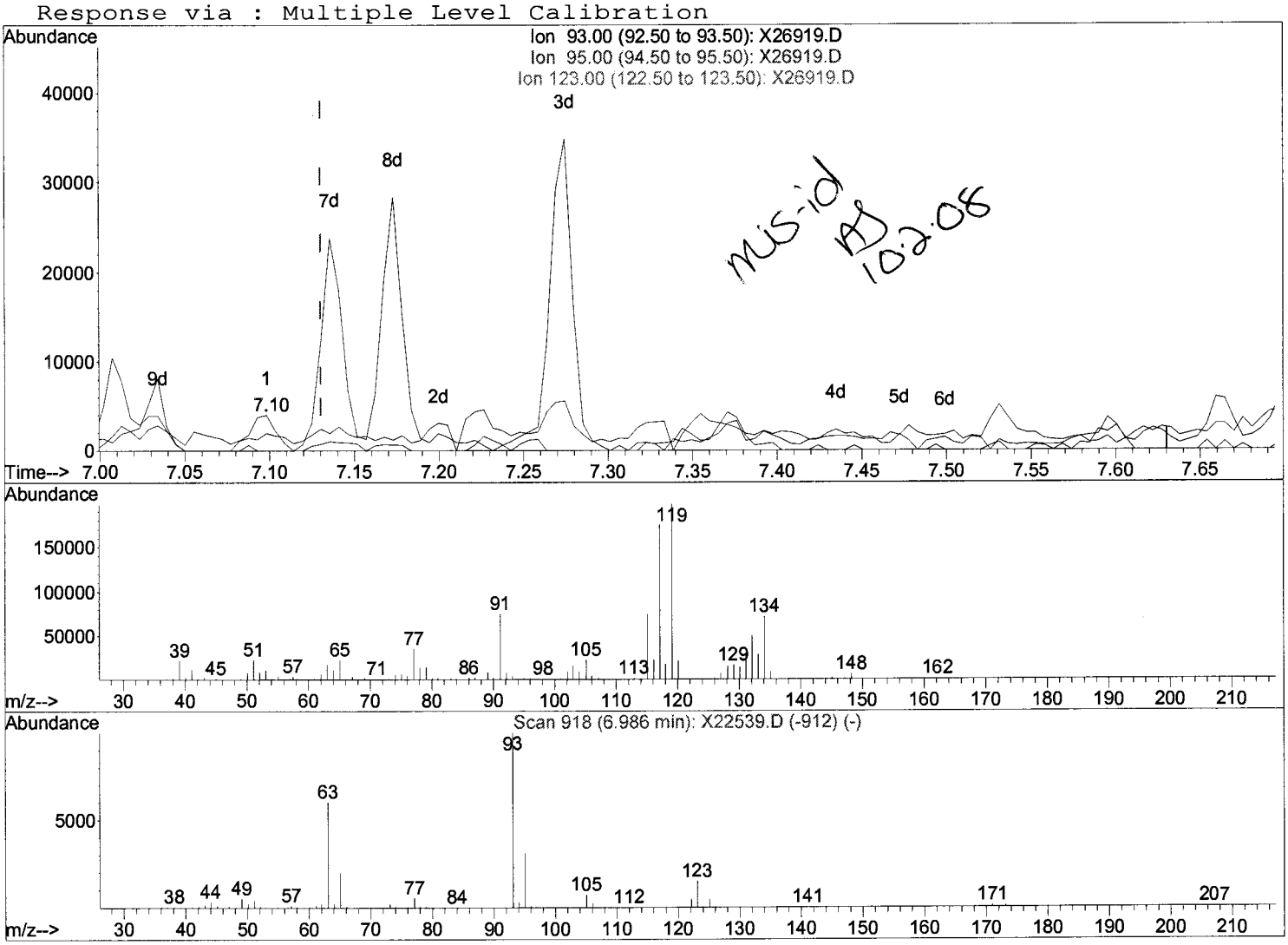
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit) **843/3787**

Data File : D:\DATA\100208\X26919.D
Acq On : 2 Oct 2008 12:43
Sample : A8B79401 AW80017843
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 02 15:27:55 2008

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 22:42:26 2008
Response via : Multiple Level Calibration



TIC: X26919.D

(27) C435 bis(2-Chloroethoxy)methane (TC)

7.10min (-0.032) 0.56ng

response 4410

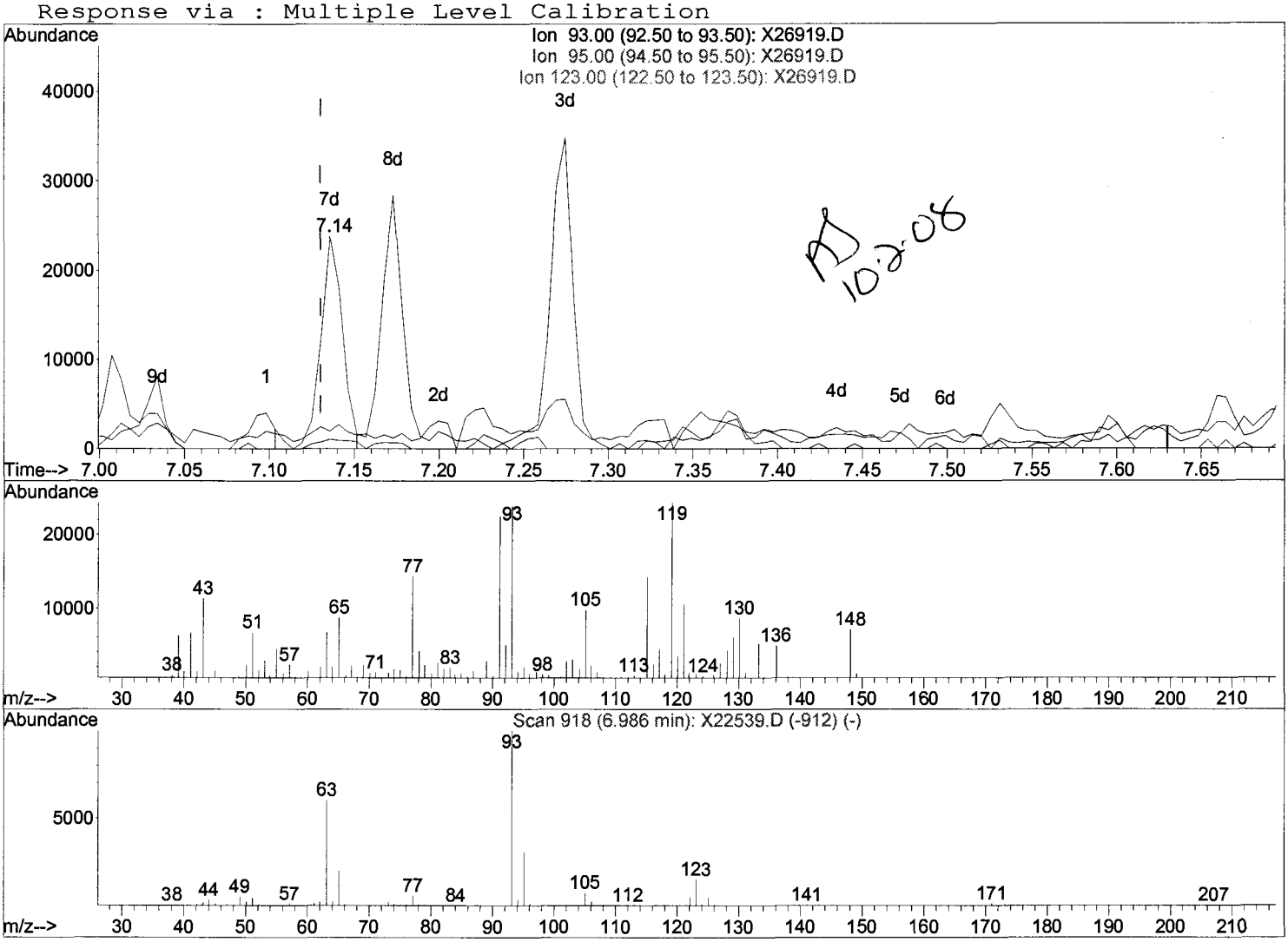
Ion	Exp%	Act%
93.00	100	100
95.00	31.50	28.45
123.00	10.30	0.00
0.00	0.00	0.00

10/1/08

Data File : D:\DATA\100208\X26919.D
Acq On : 2 Oct 2008 12:43
Sample : A8B79401 AW80017843
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 02 15:27:55 2008

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 22:42:26 2008
Response via : Multiple Level Calibration



TIC: X26919.D

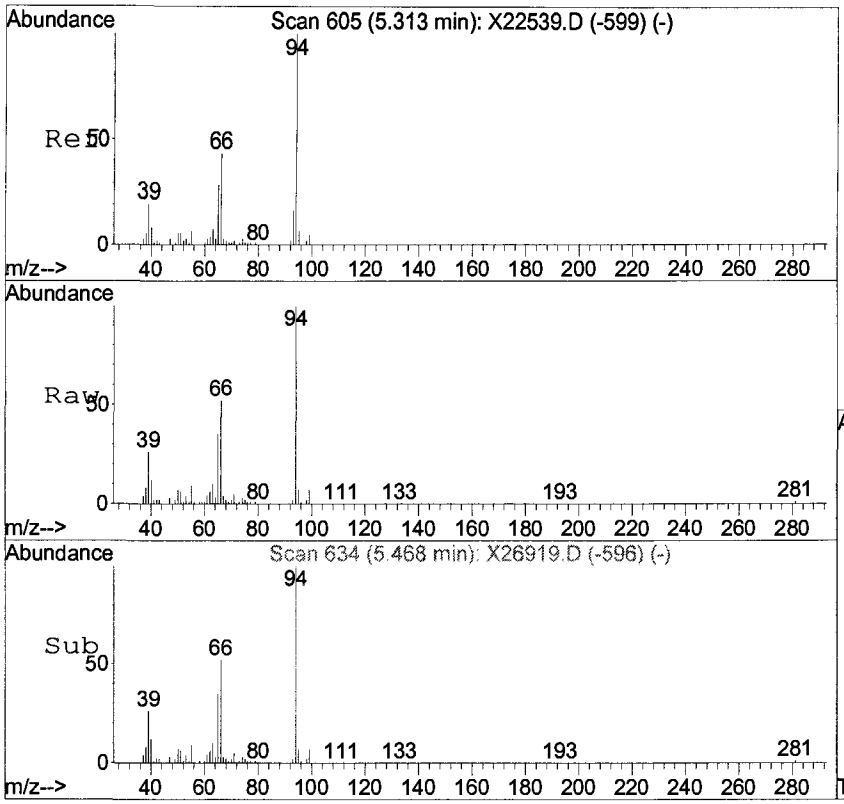
(27) C435 bis(2-Chloroethoxy)methane (TC)

7.14min (+0.005) 2.75ng m

response 21497

Ion	Exp%	Act%
93.00	100	100
95.00	31.50	8.20#
123.00	10.30	4.42
0.00	0.00	0.00

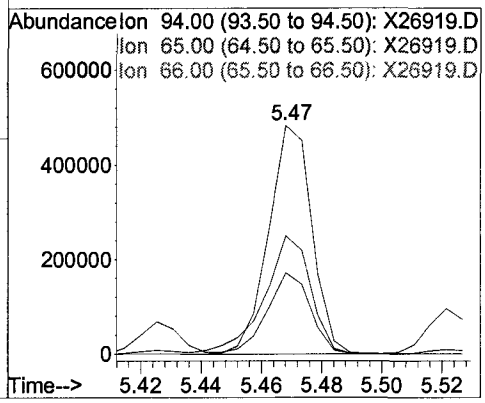
10/11/08

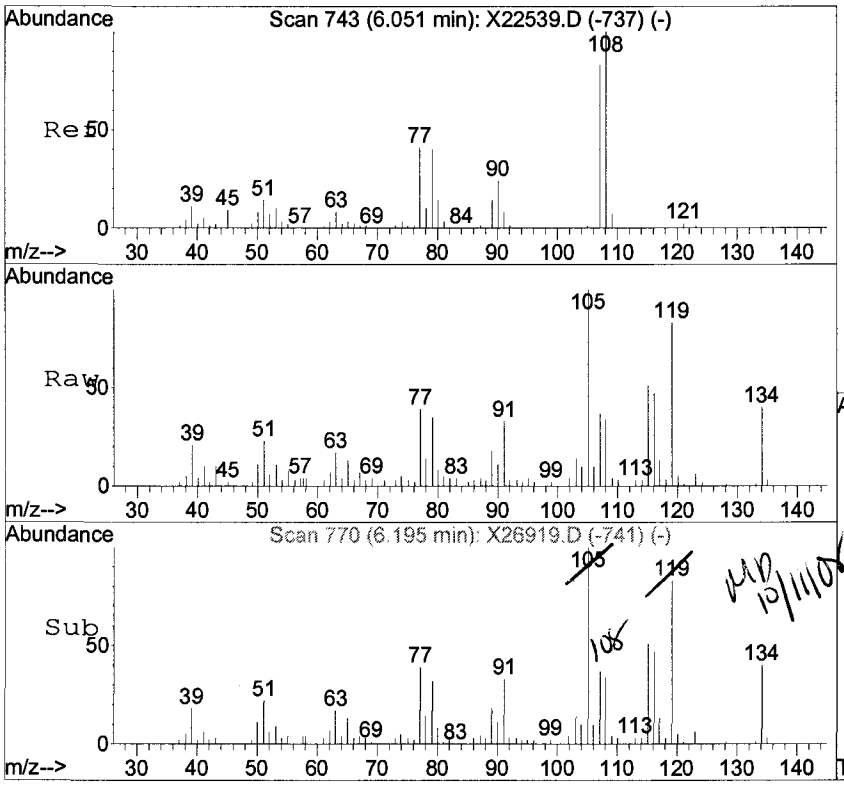


#7
C315 Phenol
Concen: 55.57 ng
RT: 5.47 min Scan# 634
Delta R.T. 0.01 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion: 94 Resp: 485285

Ion	Ratio	Lower	Upper
94	100		
65	35.2	12.7	52.7
66	51.4	29.1	69.1

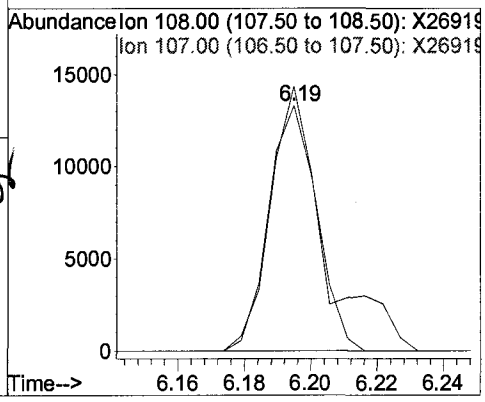


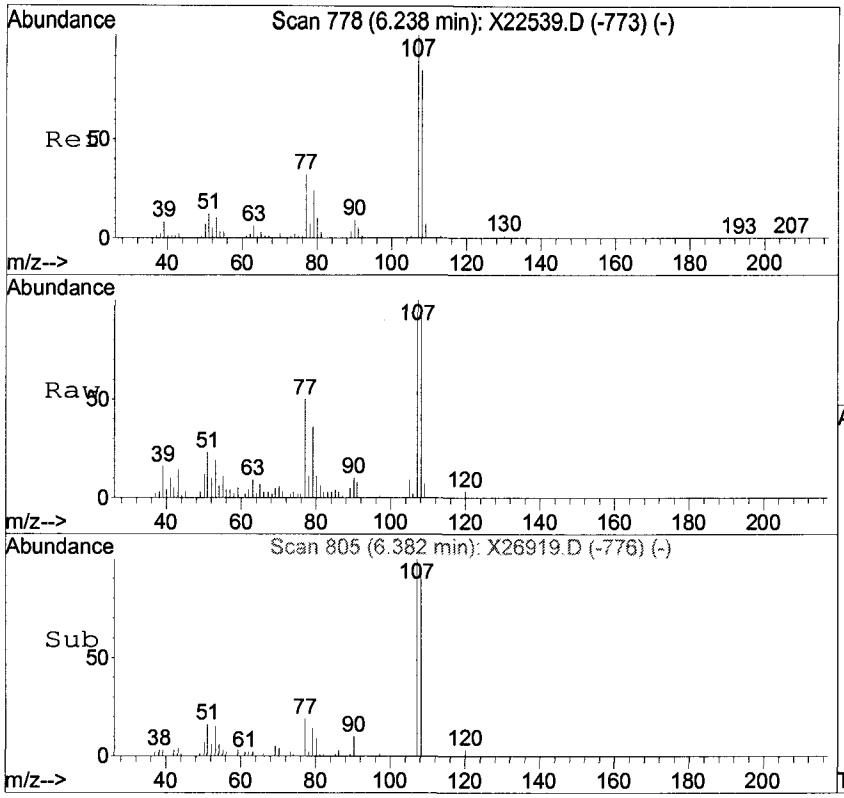


#16
C355 2-Methylphenol
Concen: 2.26 ng
RT: 6.19 min Scan# 770
Delta R.T. 0.01 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:108 Resp: 13498

Ion	Ratio	Lower	Upper
108	100		
107	107.9	69.4	109.4

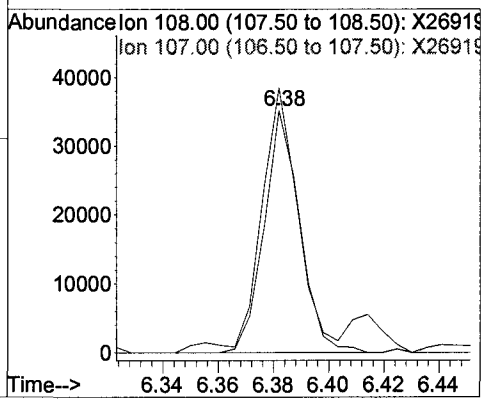


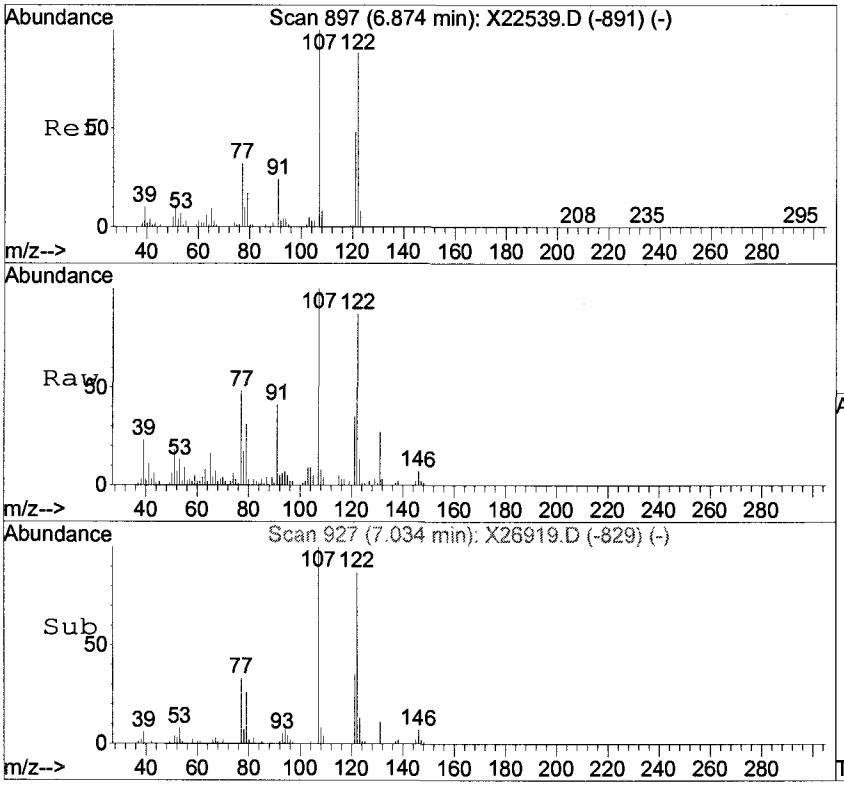


#19
C365 4-Methylphenol
Concen: 5.21 ng
RT: 6.38 min Scan# 805
Delta R.T. 0.01 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:108 Resp: 31737

Ion	Ratio	Lower	Upper
108	100		
107	105.3	99.9	139.9

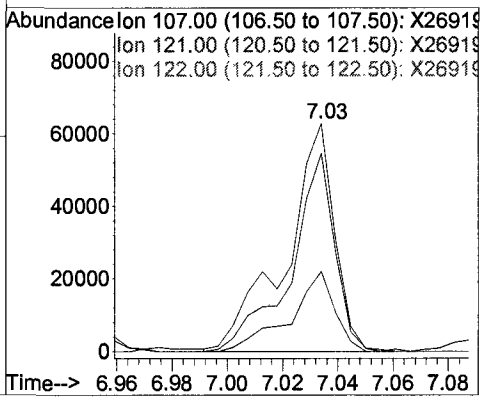


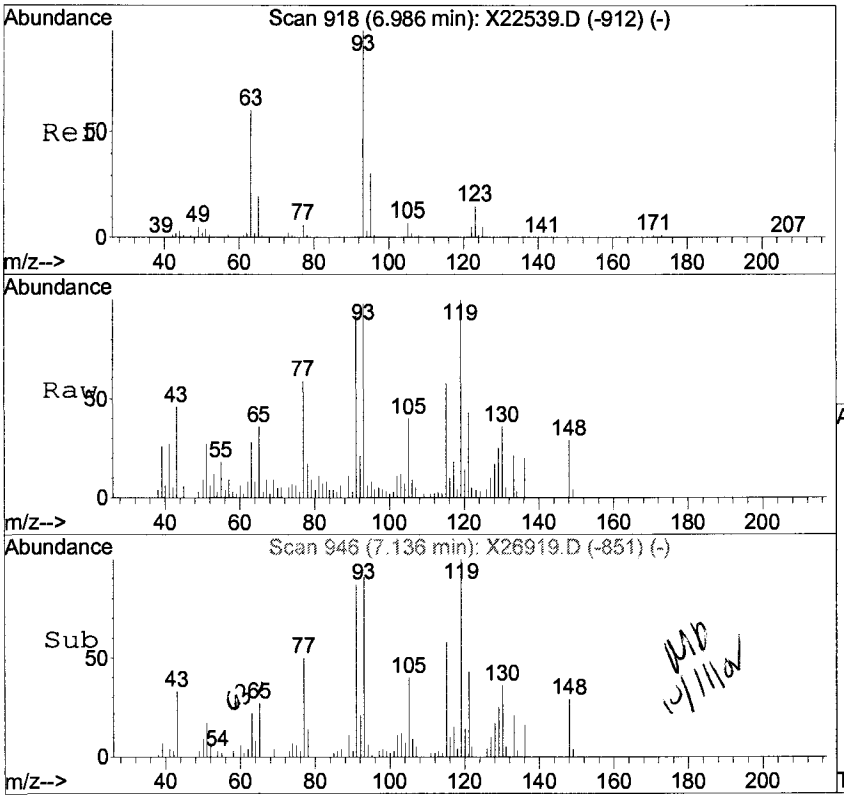


#26
C425 2,4-Dimethylphenol
Concen: 11.56 ng
RT: 7.03 min Scan# 927
Delta R.T. 0.02 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:107 Resp: 76923

Ion	Ratio	Lower	Upper
107	100		
121	34.9	28.0	68.0
122	87.0	66.4	106.4

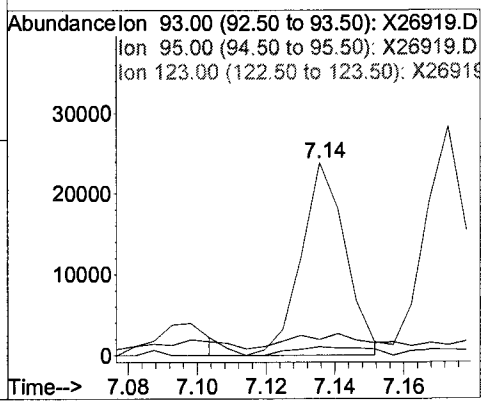


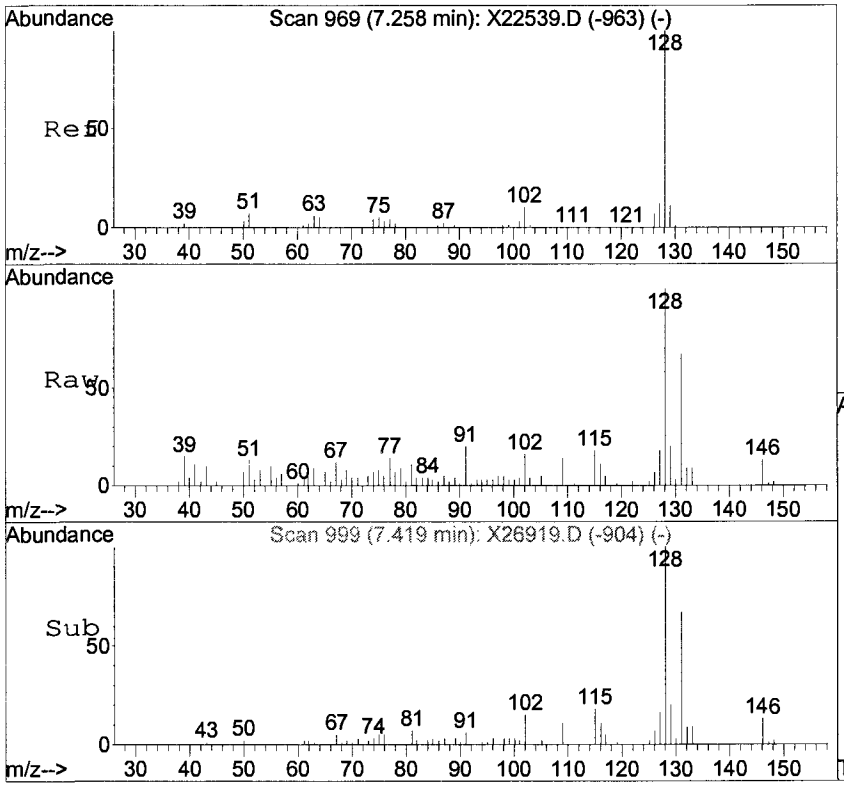


#27
C435 bis(2-Chloroethoxy)methane
Concen: 2.75 ng m
RT: 7.14 min Scan# 946
Delta R.T. 0.01 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion: 93 Resp: 21497

Ion	Ratio	Lower	Upper
93	100		
95	8.2	11.5	51.5#
123	4.4	0.0	30.3

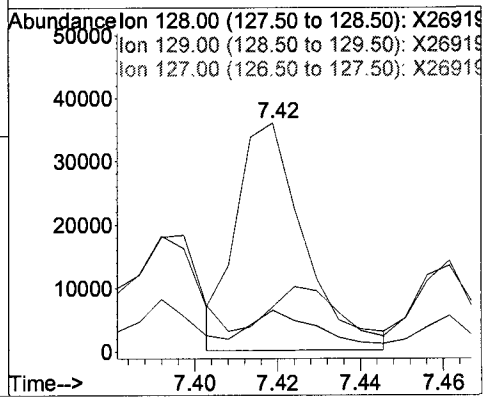


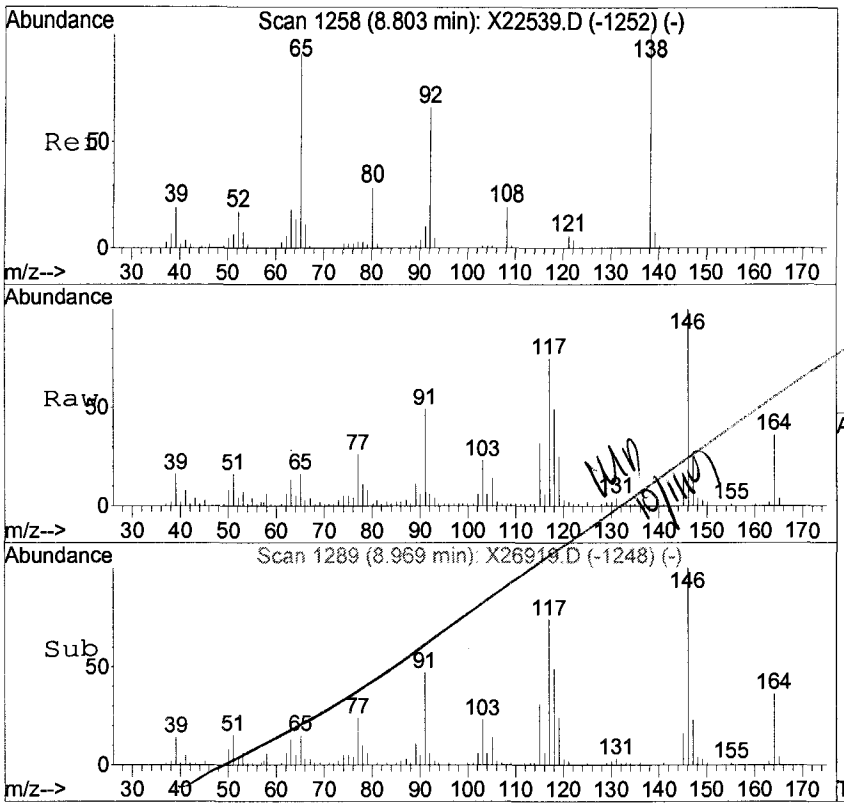


#30
C450 Naphthalene
Concen: 2.55 ng
RT: 7.42 min Scan# 999
Delta R.T. 0.01 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:128 Resp: 40784

Ion	Ratio	Lower	Upper
128	100		
129	13.9	0.0	31.0
127	15.9	0.0	32.6

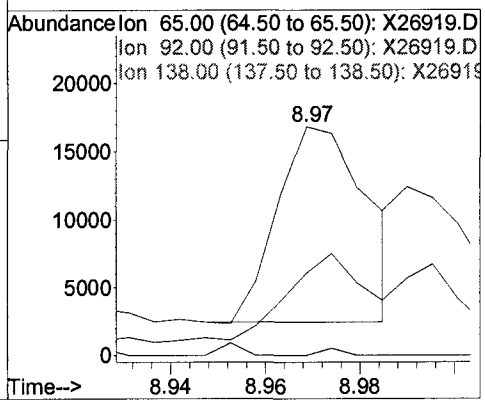


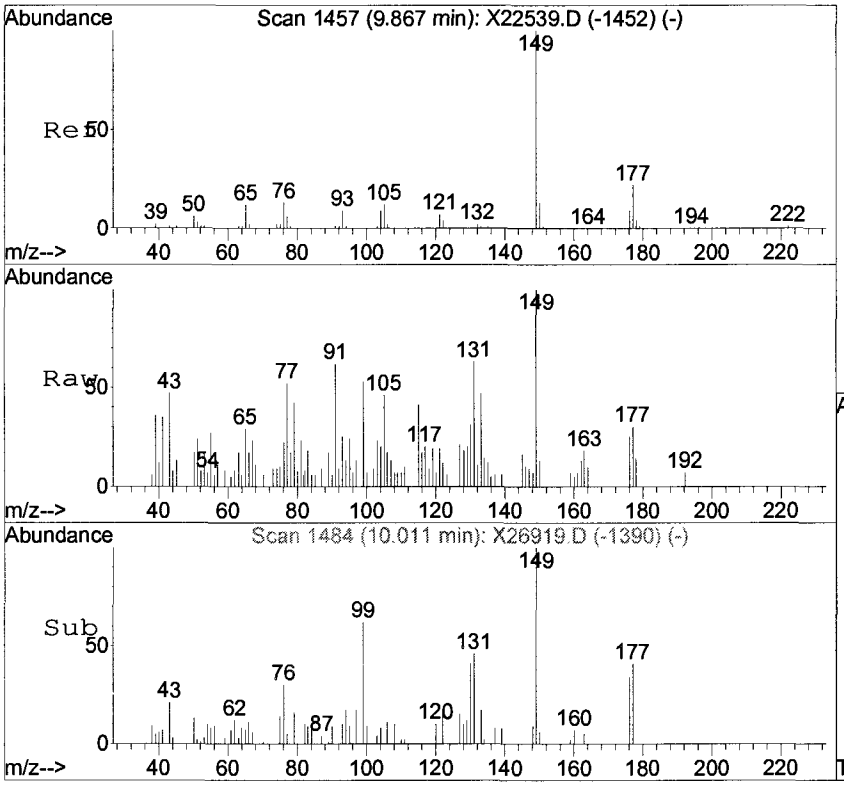


#41
C530 2-Nitroaniline
Concen: 4.49 ng
RT: 8.97 min Scan# 1289
Delta R.T. 0.02 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion: 65 Resp: 18854

Ion	Ratio	Lower	Upper
65	100		
92	33.1	37.4	77.4#
138	0.0	66.5	106.5#

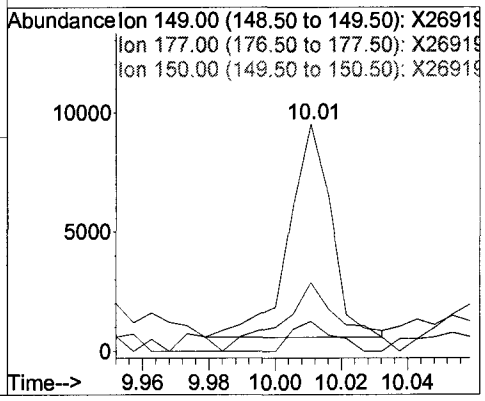


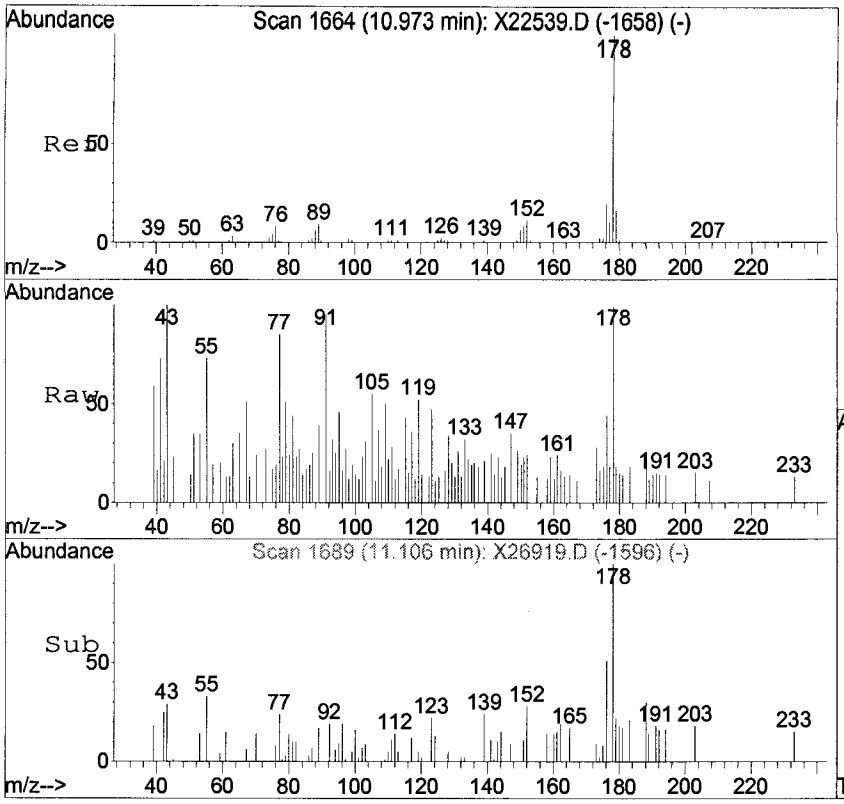


#53
C580 Diethylphthalate
Concen: 0.58 ng
RT: 10.01 min Scan# 1484
Delta R.T. -0.00 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:149 Resp: 7984

Ion	Ratio	Lower	Upper
149	100		
177	32.2	2.2	42.2
150	14.0	0.0	31.3

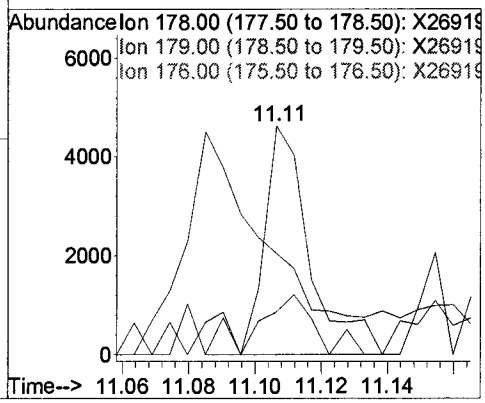


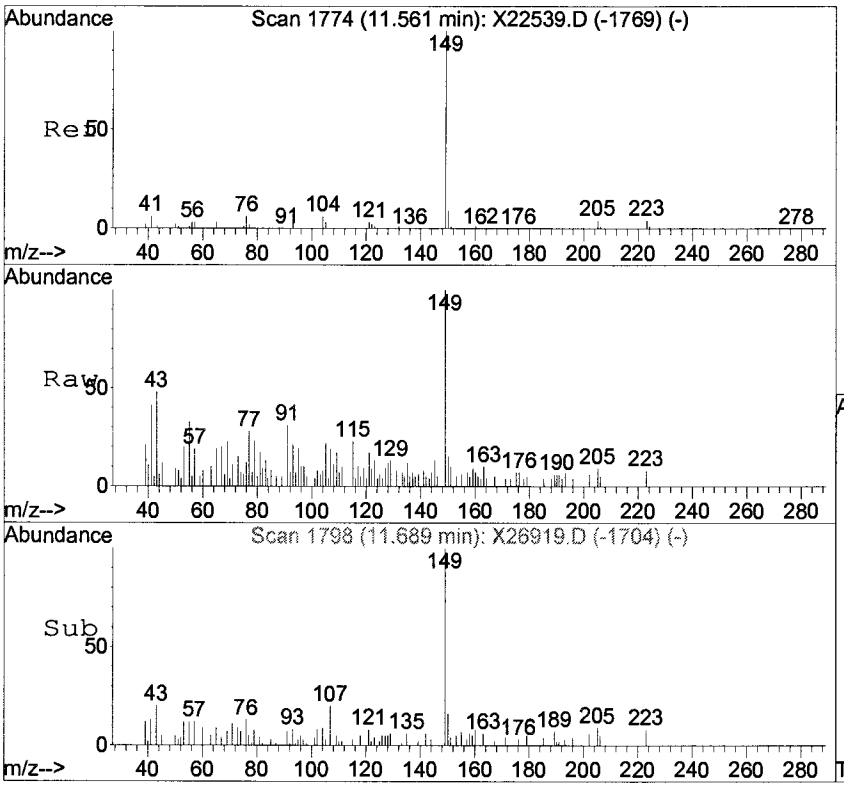


#63
C640 Phenanthrene
Concen: 0.25 ng
RT: 11.11 min Scan# 1689
Delta R.T. -0.01 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:178 Resp: 4582

Ion	Ratio	Lower	Upper
178	100		
179	18.6	0.0	35.2
176	25.2	0.0	38.7

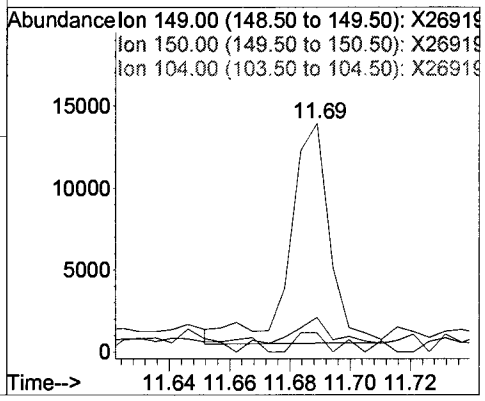


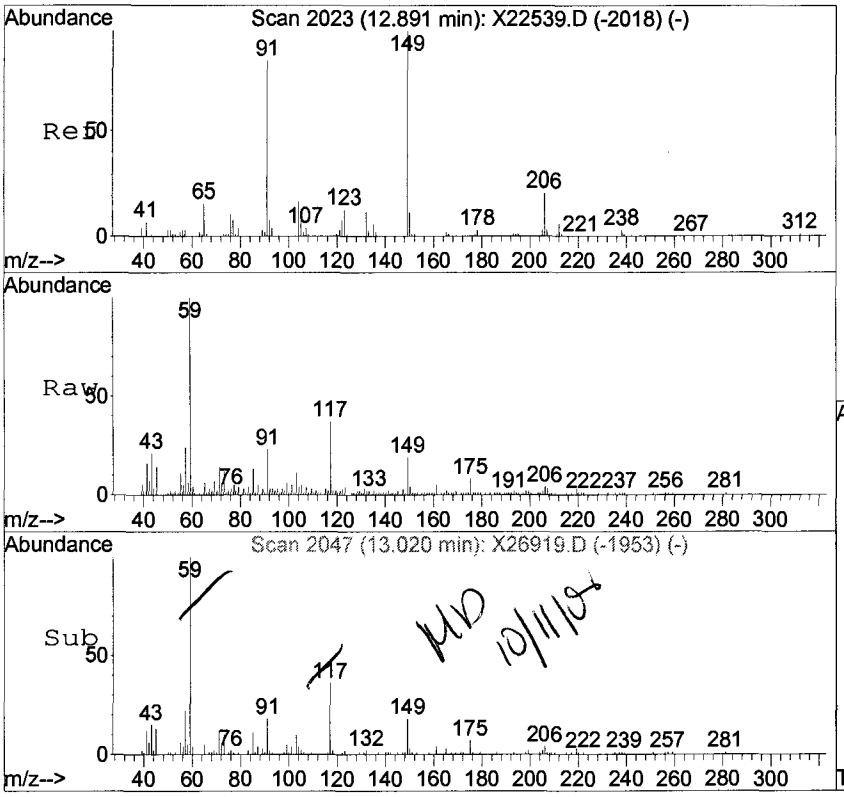


#66
C650 Di-n-butylphthalate
Concen: 0.55 ng
RT: 11.69 min Scan# 1798
Delta R.T. -0.00 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:149 Resp: 12399

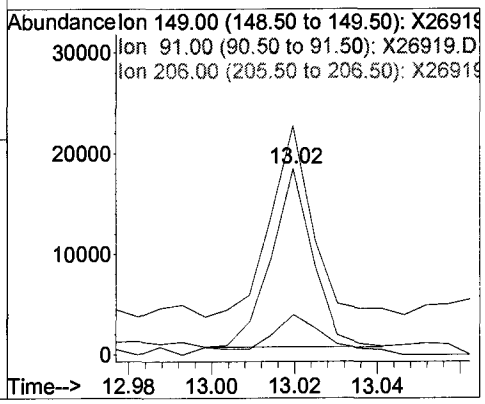
Ion	Ratio	Lower	Upper
149	100		
150	11.9	0.0	29.0
104	4.0	0.0	25.3

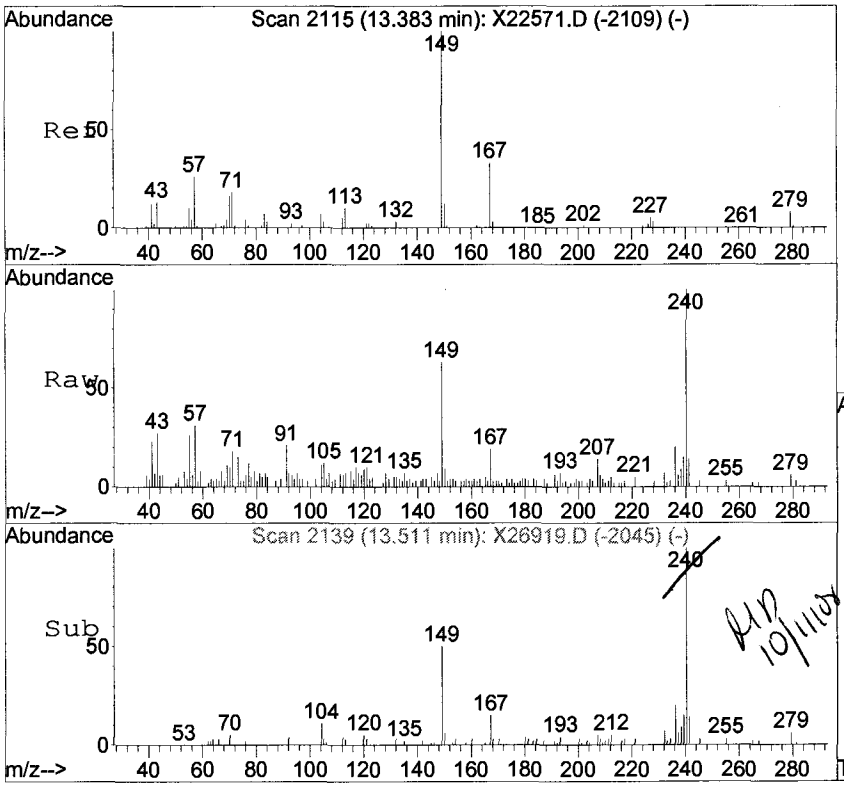




#72
C720 Butylbenzylphthalate
Concen: 0.88 ng
RT: 13.02 min Scan# 2047
Delta R.T. -0.00 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

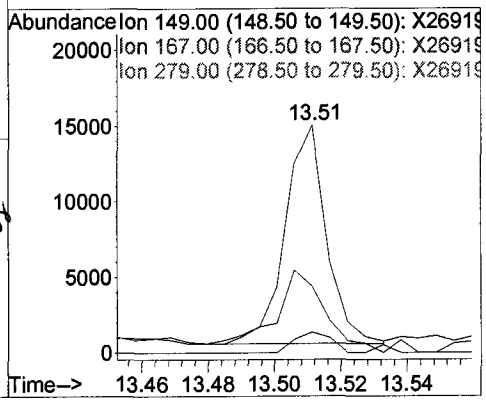
Tgt Ion:149	Resp:	12448	
Ion	Ratio	Lower	Upper
149	100		
91	106.9	57.1	97.1#
206	19.3	2.9	42.9

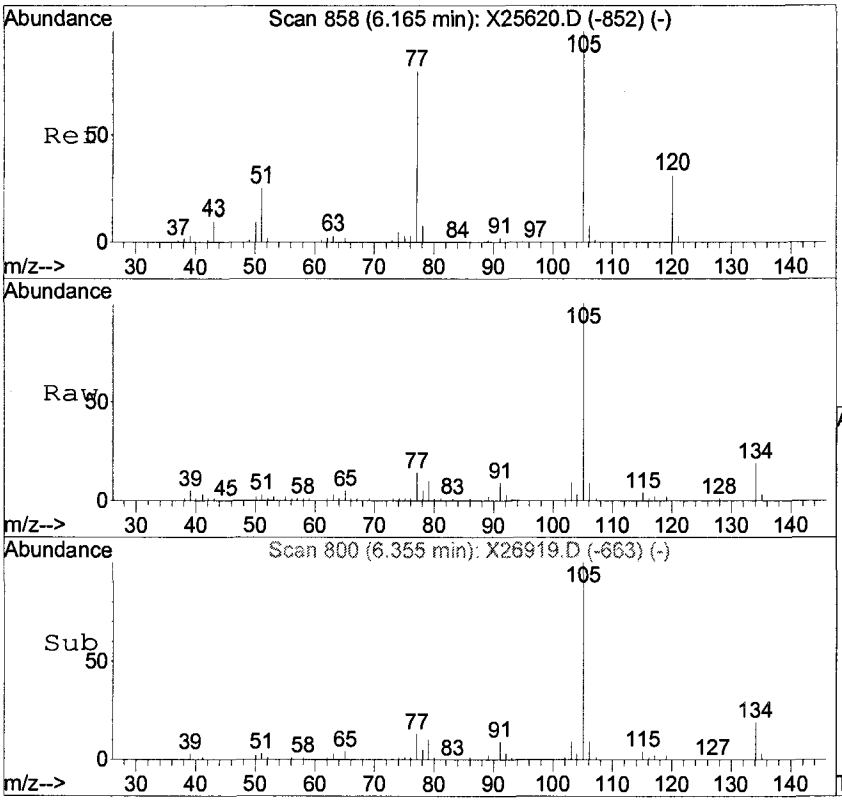




#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.60 ng
RT: 13.51 min Scan# 2139
Delta R.T. -0.00 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

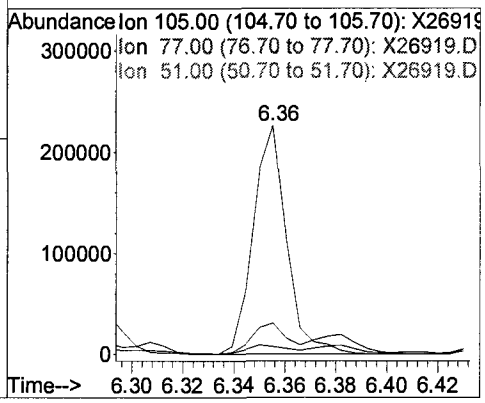
Tgt Ion:149	Resp:	12604	
Ion	Ratio	Lower	Upper
149	100		
167	30.5	16.2	56.2
279	9.4	0.0	31.4

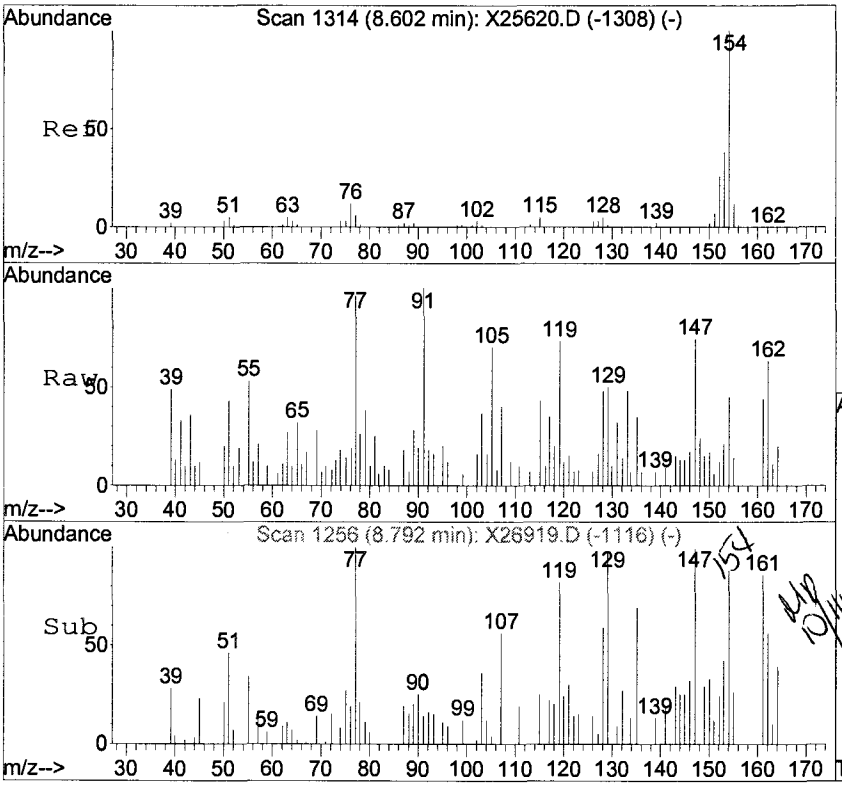




#3
E145 Acetophenone
Concen: 19.62 ng
RT: 6.36 min Scan# 800
Delta R.T. -0.02 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

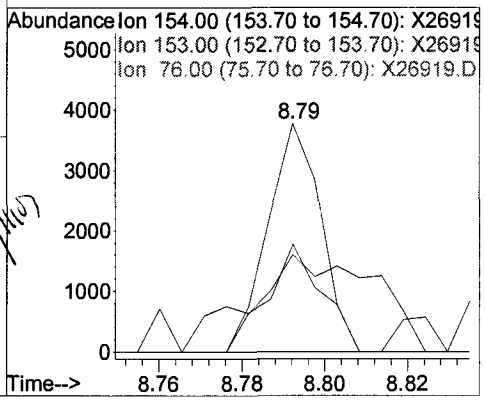
Tgt Ion:105	Resp:	206328	
Ion	Ratio	Lower	Upper
105	100		
77	13.3	61.3	101.3#
51	3.3	9.4	49.4#





#8
C811 1,1'-Biphenyl
Concen: 0.22 ng
RT: 8.79 min Scan# 1256
Delta R.T. 0.00 min
Lab File: X26919.D
Acq: 2 Oct 2008 12:43

Tgt Ion:154	Resp:	3360	
Ion	Ratio	Lower	Upper
154	100		
153	47.0	15.6	55.6
76	26.7	0.0	33.6



Standards

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000600-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973U Calibration Dates(s): 08/11/2008 08/11/2008

Calibration Times: 08:57 10:53

Lab File ID: RRF5 = U29777.RR RRF20 = U29778.RR RRF50 = U29779.RR
RRF80 = U29780.RR RRF120 = U29781.RR RRF160 = U29782.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.032	0.095	0.105	0.119	0.122	0.120	0.0990	34.800
Atrazine	0.152	0.194	0.166	0.179	0.191	0.185	0.1780	9.000
Acetophenone	1.828	2.135	2.094	2.030	2.172	2.124	2.0640	6.100
Biphenyl	1.645	1.768	1.712	1.646	1.670	1.586	1.6710	3.800
Benzaldehyde	1.316	1.496	1.478	1.439	1.503	1.483	1.4520	4.900

Comments:

Response Factor Report HP5973U

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration

Calibration Files
5 =U29777.D 20 =U29778.D 50 =U29779.D
80 =U29780.D 120 =U29781.D 160 =U29782.D

		Compound	5	20	50	80	120	160	Avg	%RSD
1	I	CI30 1,4-Dichlorobenz	ISTD							
2	TC	E600 Benzaldehyde	1.316	1.496	1.478	1.439	1.503	1.483	1.452	4.87#
3		E145 Acetophenone	1.828	2.135	2.094	2.030	2.172	2.124	2.064	6.06
4	I	CI40 Naphthalene-d8	ISTD							
5		E655 Caprolactam	0.032	0.095	0.105	0.119	0.122	0.120	-----	
								L	M= 0.125 R=0.999	
									B= -0.015	
6		E195 1,2,4,5-Tetrac	0.304	0.342	0.323	0.312	0.314	0.297	0.315	5.02
7	I	CI50 Acenaphthene-d10	ISTD							
8		C811 1,1'-Biphenyl	1.645	1.767	1.712	1.646	1.670	1.586	1.671	3.75
9		E230 2,3,4,6-Tetrac	0.199	0.285	0.308	0.320	0.331	0.319	-----	
								L	M= 0.328 R=0.999	
									B= -0.017	
10	I	CI60 Phenanthrene-d10	ISTD							
11		E510 Atrazine	0.152	0.194	0.165	0.179	0.191	0.184	0.178	9.03
12	I	CI70 Chrysene-d12	ISTD							
13	I	CI75 Perylene-d12	ISTD							

Total Average %RSD 5.74

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
# = Out of Range

Date: 08/29/2008 ICC Profile Page: 1
Time: 10:42:32 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

			ng On Column					
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310 131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320 208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330 606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340 99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350 83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360 51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370 100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380 132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390 121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400 84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410 7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420 86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430 100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440 534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450 86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460 101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470 118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480 87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490 85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500 120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510 84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520 206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530 129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540 85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550 91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560 56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570 218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580 117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590 117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600 205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610 207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620 50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630 193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640 53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650 191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660 4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670 321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690 SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700 367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710 118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720 SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730 SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740 SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750 1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770 198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780 SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781 87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782 634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783 87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785 95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/29/2008
Time: 10:42:32

ICC Profile

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786 122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787 108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788 99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789 99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790 634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791 123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792 100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793 130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794 90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795 90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796 832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797 134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798 490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799 58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801 935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802 933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803 236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805 576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806 61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807 634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808 554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810 95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811 583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812 19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813 87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814 2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815 118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816 581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817 53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818 95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819 109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820 497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821 91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822 109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823 88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824 119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825 119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826 609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827 95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828 95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829 95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830 591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831 108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832 3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833 542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834 626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835 56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836 108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837 101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838 92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839 106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR 4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5 4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8 5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6 7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2 Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3 Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8 Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3 Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2 Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5 Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5 Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2 Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4 Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4 Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0 Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9 Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6 Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4 Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4 Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9 Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5 2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7 Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5 Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8 Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6 Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3 Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4 Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4 Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0 Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3 Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7 Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4 Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7 Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6 Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0 Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1 Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0 Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5 Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3 Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0 Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2 N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7 N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3 N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5 N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9 N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6 N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2 N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4 N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2 N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1 O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4 o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998 100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999 TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

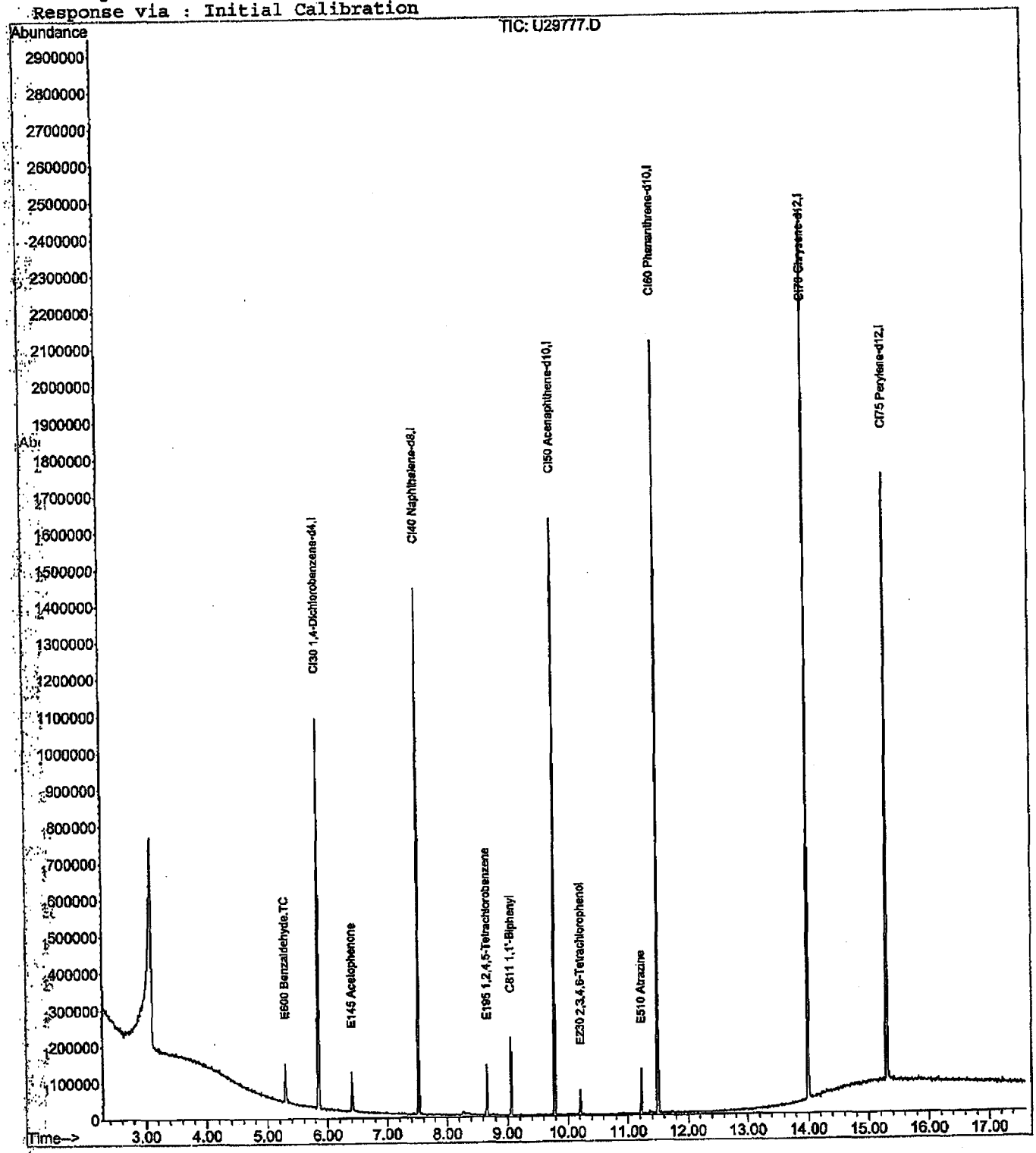
Quantitation Report (QT Reviewed)

Data File : D:\DATA\081108\U29777.D
Acq On : 11 Aug 2008 8:57
Sample : SSTD005
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:15 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 04 11:00:43 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\081108\U29777.D
Acq On : 11 Aug 2008 8:57
Sample : SSTD005
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:15:13 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 04 11:00:43 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\071608\U29257.D (16 Jul 2008 13:02)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	186374	40.00	ng	-0.06 84.44%
4) CI40 Naphthalene-d8	7.52	136	702859	40.00	ng	-0.05 90.23%
7) CI50 Acenaphthene-d10	9.79	164	374361	40.00	ng	-0.04 99.03%
10) CI60 Phenanthrene-d10	11.49	188	788442	40.00	ng	-0.04 125.55%
12) CI70 Chrysene-d12	13.99	240	806928	40.00	ng	-0.04 122.53%
13) CI75 Perylene-d12	15.30	264	649408	40.00	ng	-0.05 95.91%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.29	77	30647	4.24	ng	92
3) E145 Acetophenone	6.40	105	42585	4.06	ng	91
5) E655 Caprolactam	8.31	113	2827m	Below Cal		# 0
6) E195 1,2,4,5-Tetrachlorobe	8.66	216	26675	4.97	ng	80
8) C811 1,1'-Biphenyl	9.06	154	76960	5.39	ng	95
9) E230 2,3,4,6-Tetrachloroph	10.21	232	9296	23.15	ng	90
11) E510 Atrazine	11.22	200	14991	3.34	ng	86

(#) = qualifier out of range (m) = manual integration

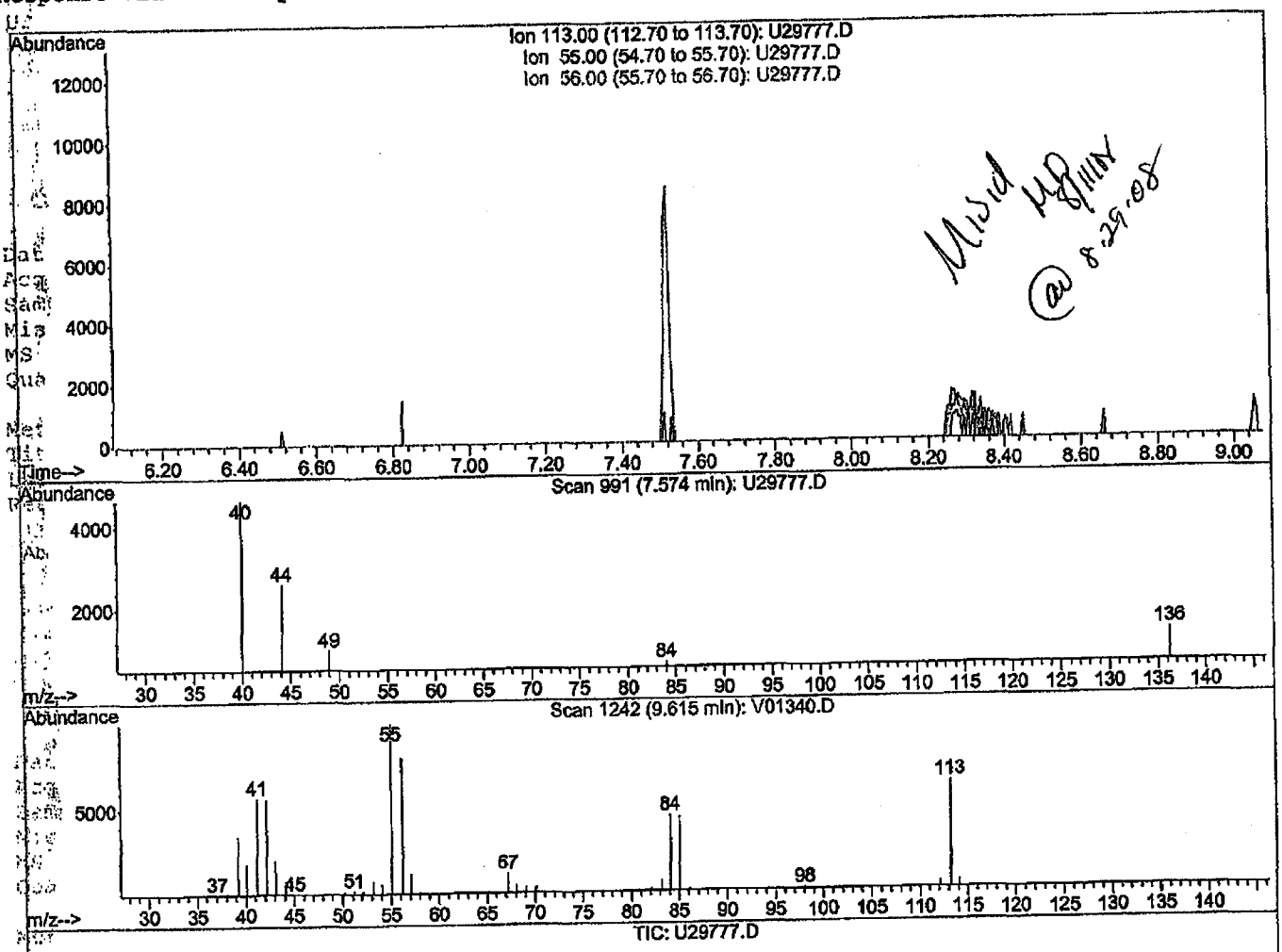
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29777.D
Acq On : 11 Aug 2008 8:57
Sample : SSTD005
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:15 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 04 11:00:43 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

7.57min 0.00ng

response 0

Ion	Exp%	Act%
113.00	100	0.00
55.00	105.20	0.00#
56.00	0.00	0.00
0.00	0.00	0.00

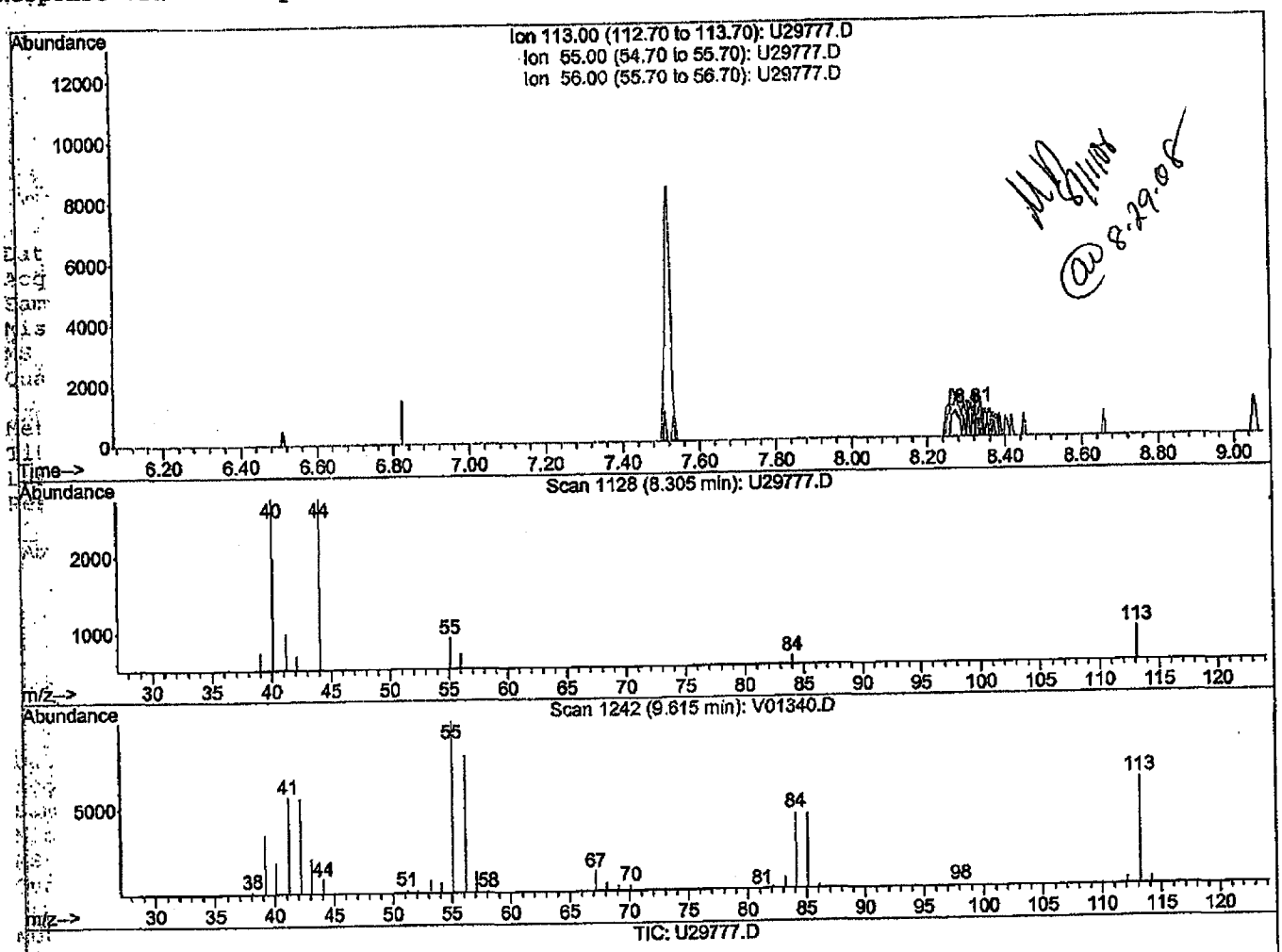
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29777.D
Acq On : 11 Aug 2008 8:57
Sample : SSTD005
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:15 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 04 11:00:43 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.31min -89.96ng m

response 2827

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	95.57
56.00	0.00	73.76#
0.00	0.00	0.00

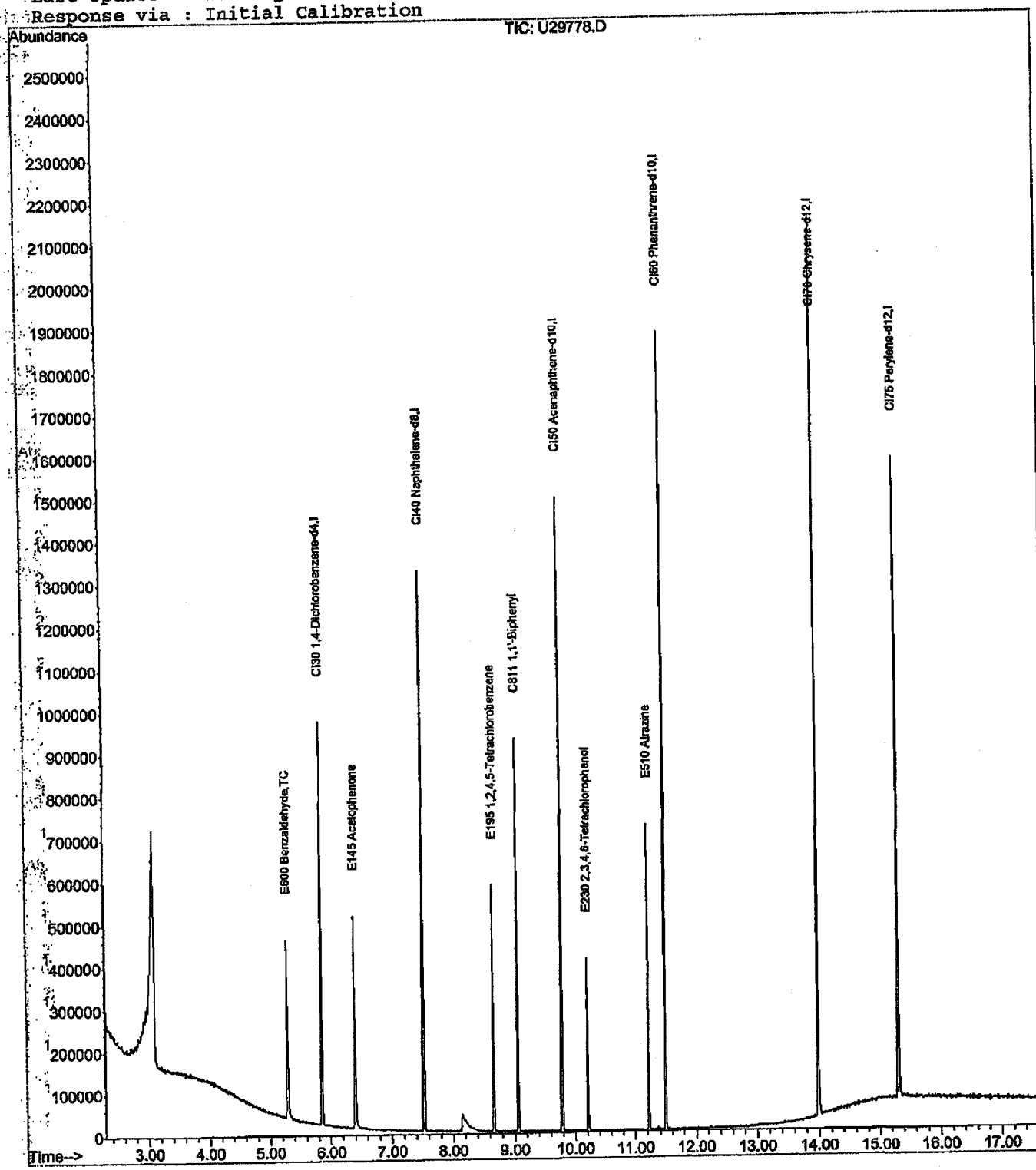
Quantitation Report (QT Reviewed)

Data File : D:\DATA\081108\U29778.D
Acq On : 11 Aug 2008 9:20
Sample : SSTD020
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:16 2008

Vial: 3
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:16:21 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\081108\U29778.D
Acq On : 11 Aug 2008 9:20
Sample : SSTD020
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:15:57 2008

Vial: 3
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:15:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\071608\U29257.D (16 Jul 2008 13:02)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	167853	40.00	ng		0.00 76.05%
4) CI40 Naphthalene-d8	7.52	136	640895	40.00	ng		0.00 82.27%
7) CI50 Acenaphthene-d10	9.79	164	347063	40.00	ng		0.00 91.81%
10) CI60 Phenanthrene-d10	11.49	188	722509	40.00	ng		0.00 115.05%
12) CI70 Chrysene-d12	13.99	240	732534	40.00	ng		0.00 111.24%
13) CI75 Perylene-d12	15.30	264	582739	40.00	ng		0.00 86.07%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.28	77	125561	19.32	ng		94
3) E145 Acetophenone	6.40	105	179183	19.12	ng		87
5) E655 Caprolactam	8.15	113	30561m	Below Cal		#	33
6) E195 1,2,4,5-Tetrachlorobe	8.66	216	109570	22.53	ng		78
8) C811 1,1'-Biphenyl	9.05	154	306710	24.04	ng		98
9) E230 2,3,4,6-Tetrachloroph	10.21	232	49524	30.81	ng		92
11) E510 Atrazine	11.22	200	70014	17.09	ng		81

(#) = qualifier out of range (m) = manual integration

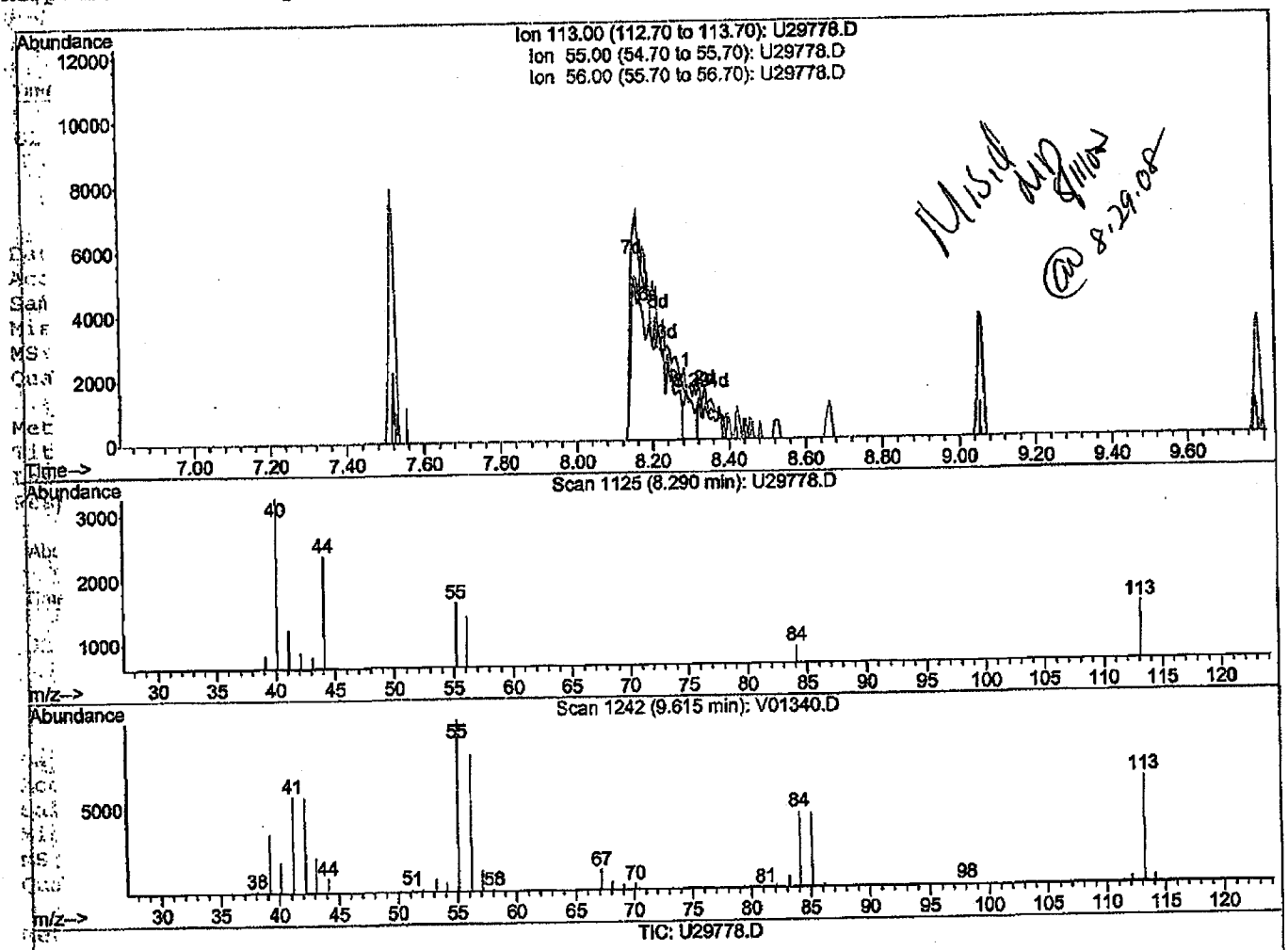
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29778.D
Acq On : 11 Aug 2008 9:20
Sample : SSTD020
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:15 2008

Vial: 3
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:15:48 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.29min -88.47ng

response 2530

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	36.44#
56.00	0.00	66.99#
0.00	0.00	0.00

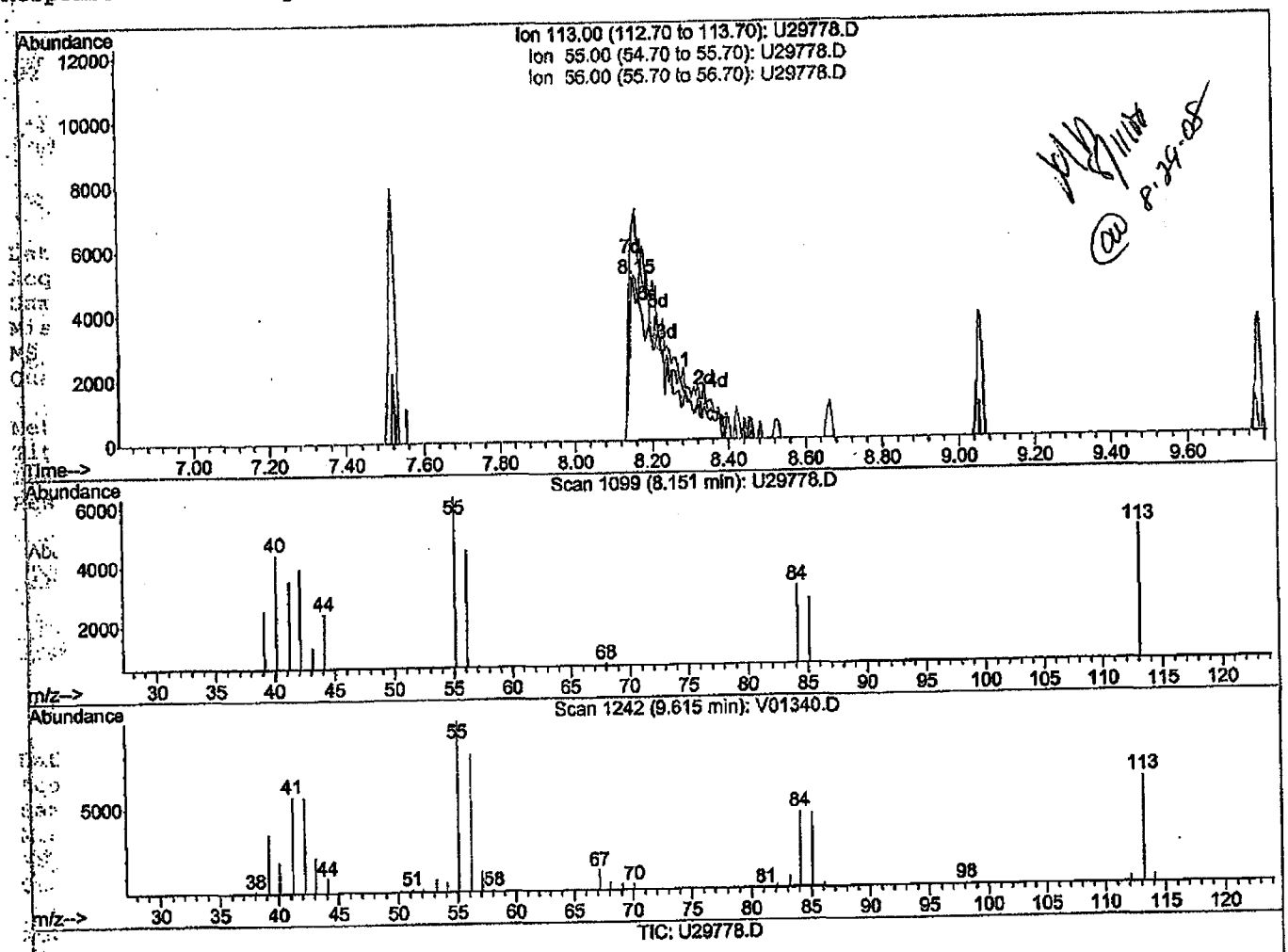
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29778.D
Acq On : 11 Aug 2008 9:20
Sample : SSTD020
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:16 2008

Vial: 3
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:15:48 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.15min -25.36ng m

response 30561

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	125.01
56.00	0.00	89.53#
0.00	0.00	0.00

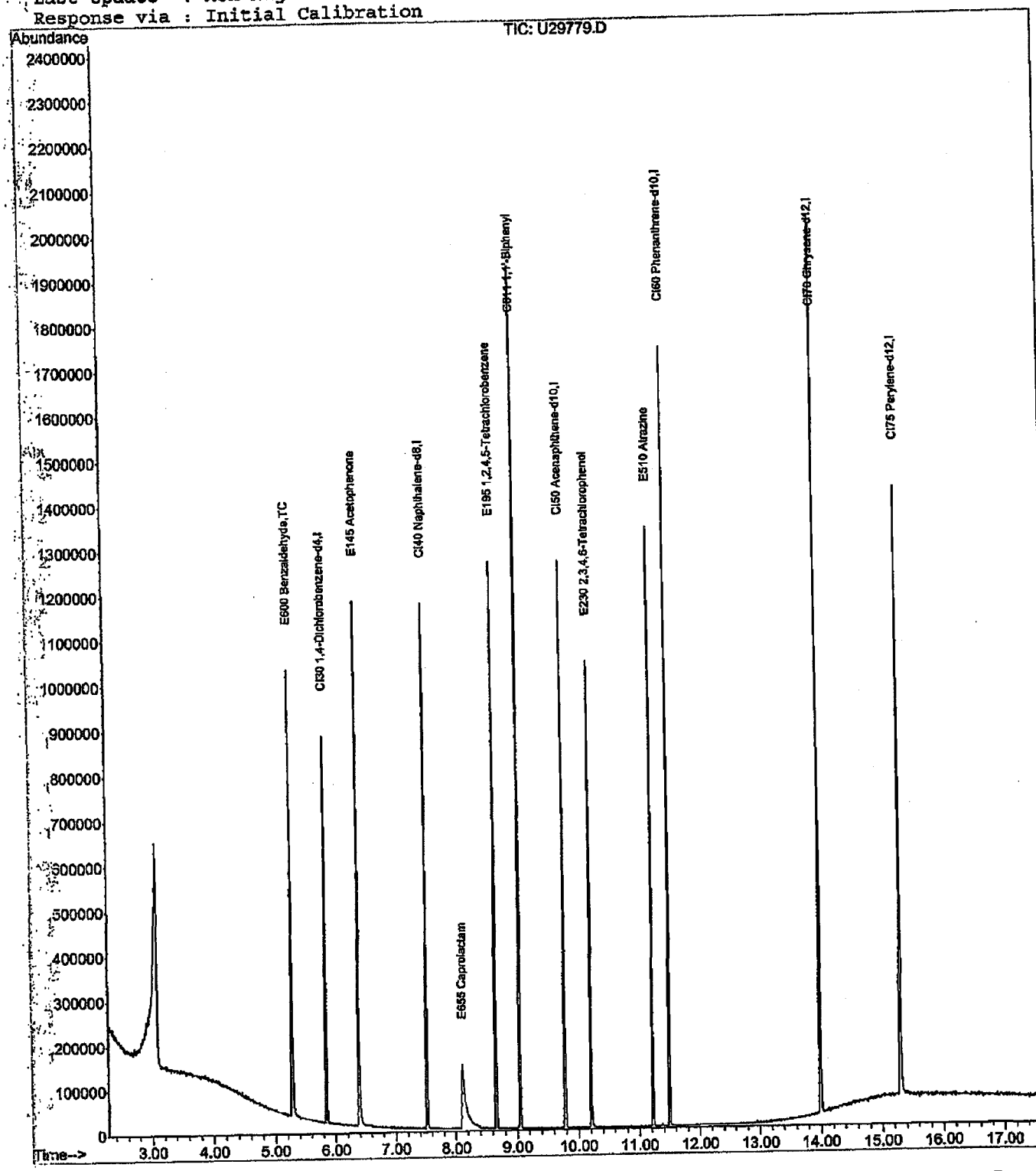
Quantitation Report (QT Reviewed)

Data File : D:\DATA\081108\U29779.D
Acq On : 11 Aug 2008 9:43
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:16 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:16:21 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\081108\U29779.D
Acq On : 11 Aug 2008 9:43
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:16:29 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:16:21 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\071608\U29257.D (16 Jul 2008 13:02)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	146630	40.00	ng	0.00 66.43%
4) CI40 Naphthalene-d8	7.52	136	563125	40.00	ng	0.00 72.29%
7) CI50 Acenaphthene-d10	9.79	164	306467	40.00	ng	0.00 81.07%
10) CI60 Phenanthrene-d10	11.49	188	651082	40.00	ng	0.00 103.68%
12) CI70 Chrysene-d12	13.99	240	663506	40.00	ng	0.00 100.76%
13) CI75 Perylene-d12	15.30	264	532335	40.00	ng	0.00 78.62%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.28	77	270949	46.81	ng	95
3) E145 Acetophenone	6.39	105	383823	46.02	ng	83
5) E655 Caprolactam	8.12	113	74126m	94.37	ng	# 67
6) E195 1,2,4,5-Tetrachlorobe	8.66	216	227547	52.36	ng	79
8) C811 1,1'-Biphenyl	9.05	154	655905	58.71	ng	98
9) E230 2,3,4,6-Tetrachloroph	10.21	232	117997	46.31	ng	93
11) E510 Atrazine	11.22	200	134684	36.67	ng	81

(#) = qualifier out of range (m) = manual integration

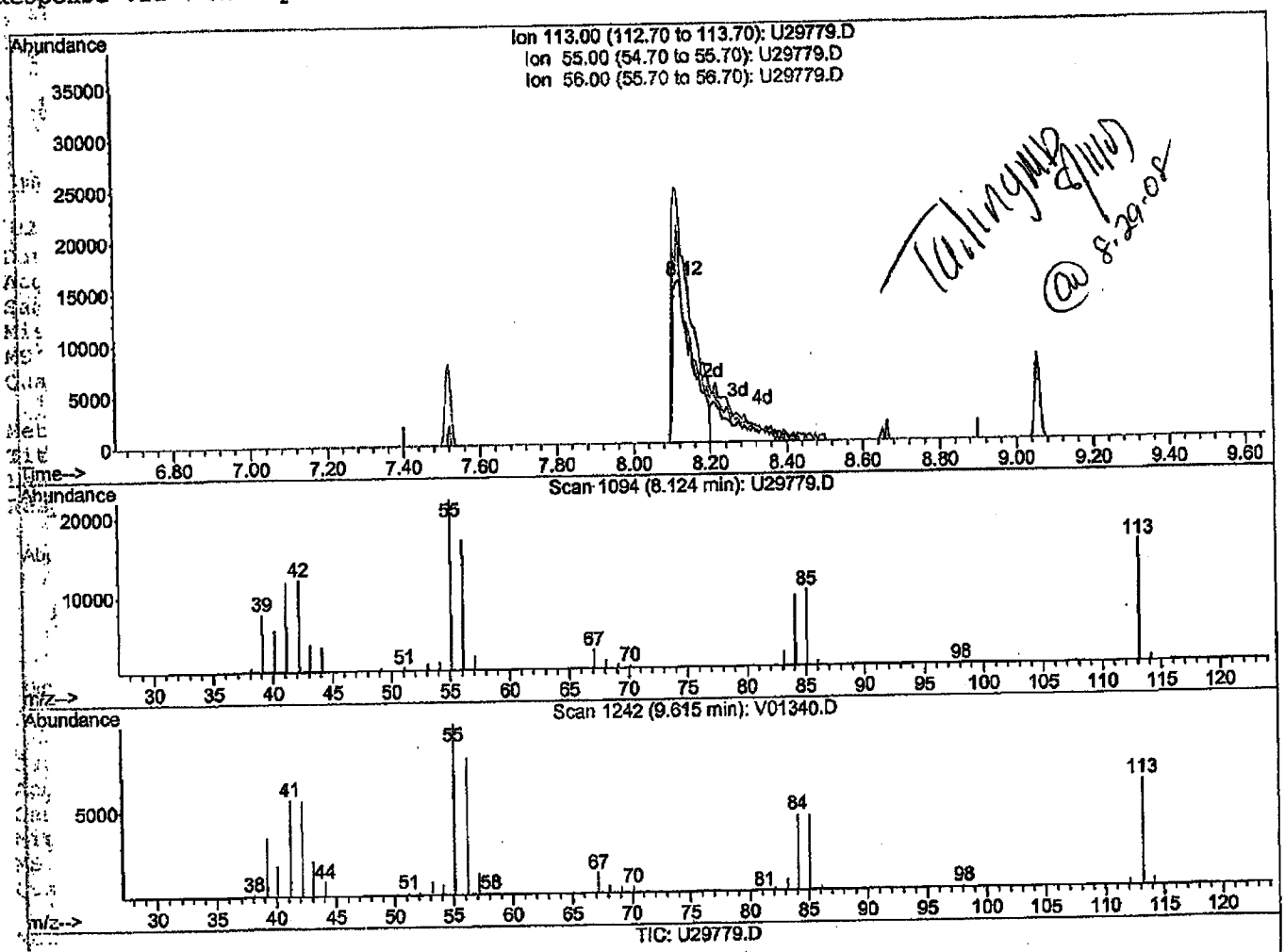
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29779.D
Acq On : 11 Aug 2008 9:43
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:16 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:16:21 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.12min 44.98ng

response 55633

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	139.10#
56.00	0.00	106.87#
0.00	0.00	0.00

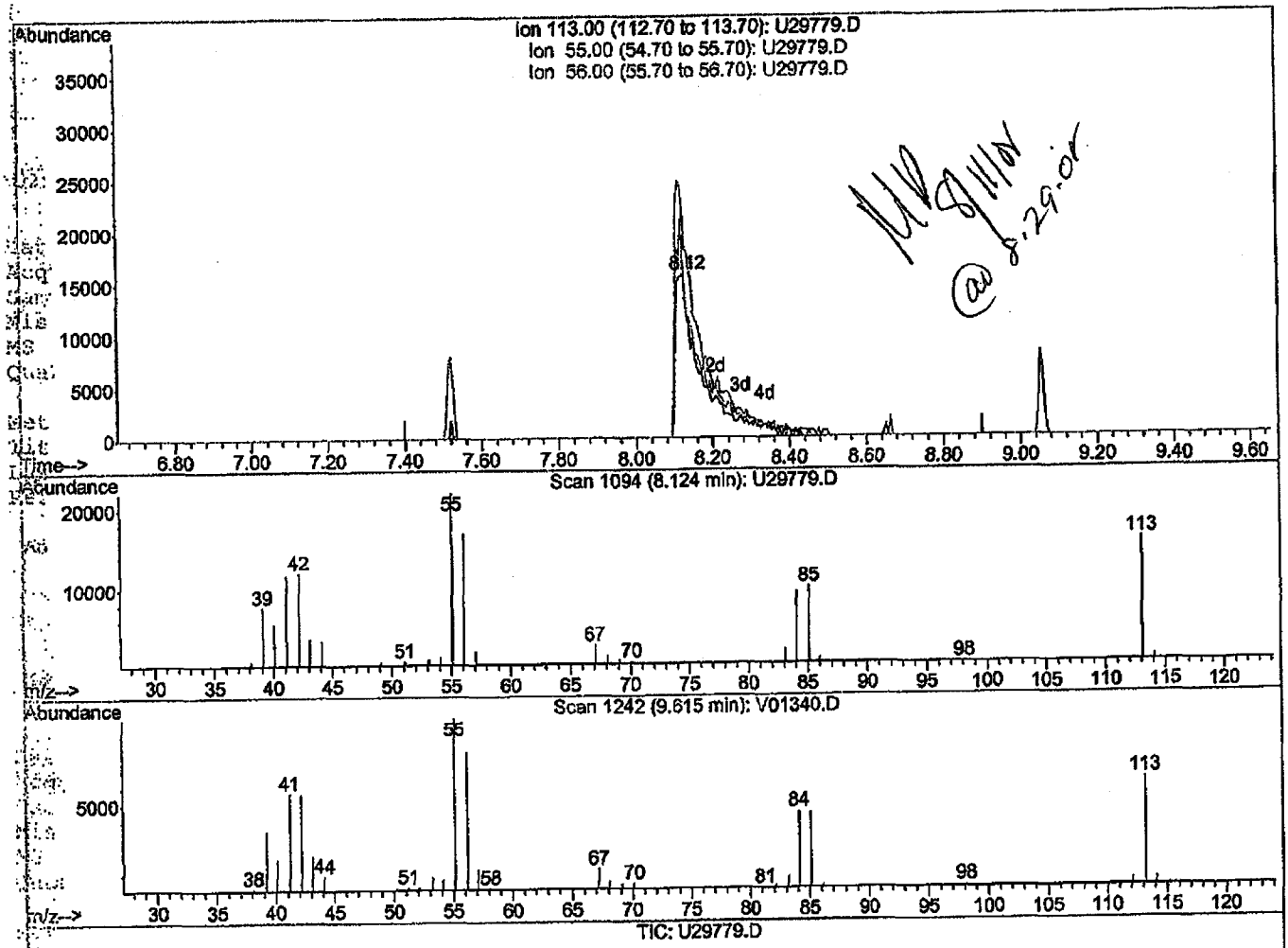
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29779.D
Acq On : 11 Aug 2008 9:43
Sample : SSTD050
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:16 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:16:21 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.12min 94.37ng m

response 74126

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	139.10#
56.00	0.00	106.87#
0.00	0.00	0.00

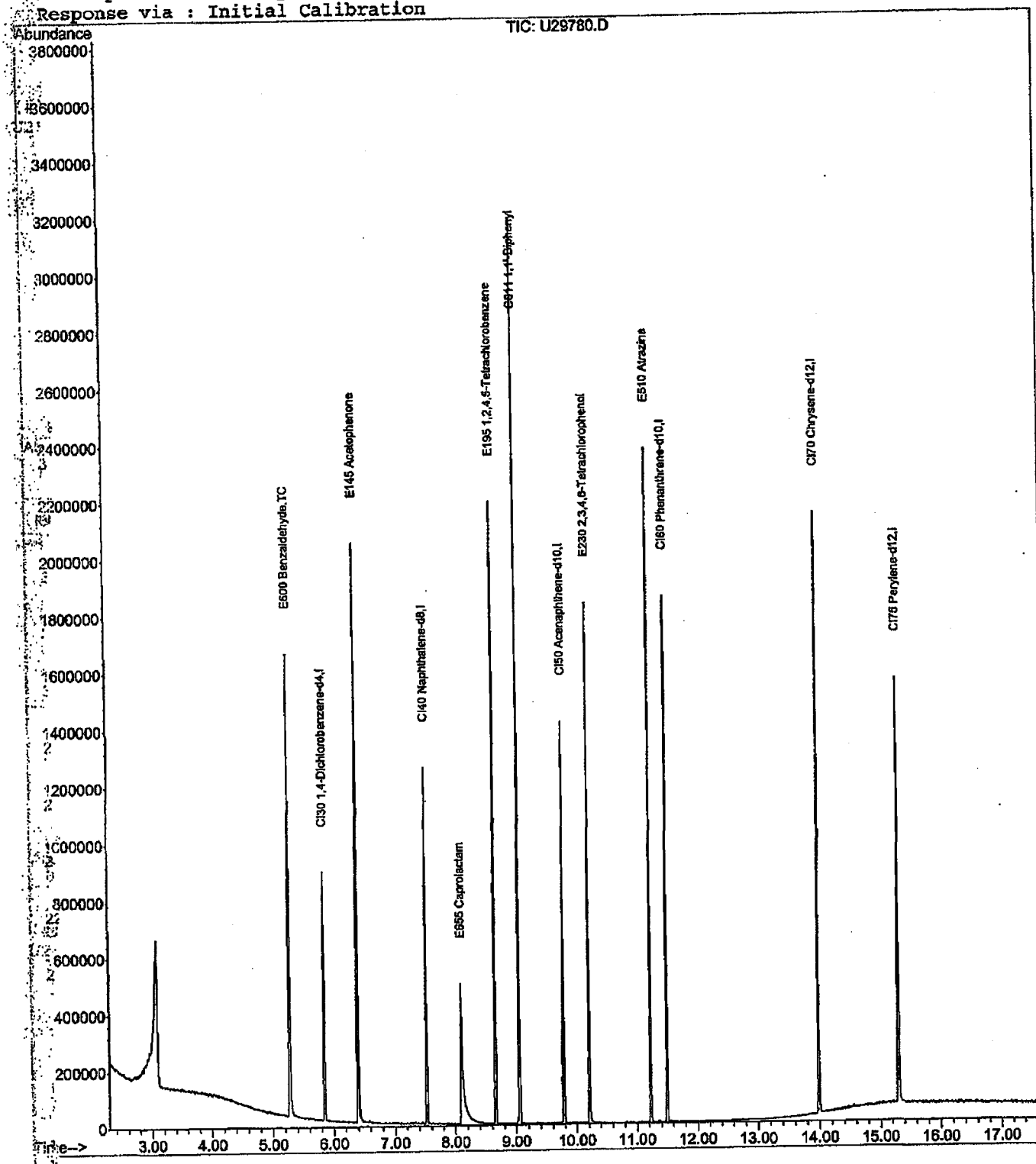
Quantitation Report (QT Reviewed)

Data File : D:\DATA\081108\U29780.D
Acq On : 11 Aug 2008 10:06
Sample : SSTD080
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:17 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:00 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\081108\U29780.D
Acq On : 11 Aug 2008 10:06
Sample : SSTD080
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:17:10 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:00 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	159139	40.00	ng	0.00 108.53%
4) CI40 Naphthalene-d8	7.52	136	606284	40.00	ng	0.00 107.66%
7) CI50 Acenaphthene-d10	9.79	164	333828	40.00	ng	0.00 108.93%
10) CI60 Phenanthrene-d10	11.49	188	697464	40.00	ng	0.00 107.12%
12) CI70 Chrysene-d12	13.99	240	700233	40.00	ng	0.00 105.54%
13) CI75 Perylene-d12	15.30	264	570919	40.00	ng	0.00 107.25%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.28	77	457985	71.89	ng	95
3) E145 Acetophenone	6.39	105	645975	70.62	ng	82
5) E655 Caprolactam	8.10	113	144068m	255.08	ng	# 51
6) E195 1,2,4,5-Tetrachlorobe	8.66	216	377886	80.03	ng	78
8) C811 1,1'-Biphenyl	9.06	154	1098876	91.29	ng	96
9) E230 2,3,4,6-Tetrachloroph	10.21	232	213803	62.66	ng	94
11) E510 Atrazine	11.23	200	250093	65.25	ng	82

(#) = qualifier out of range (m) = manual integration

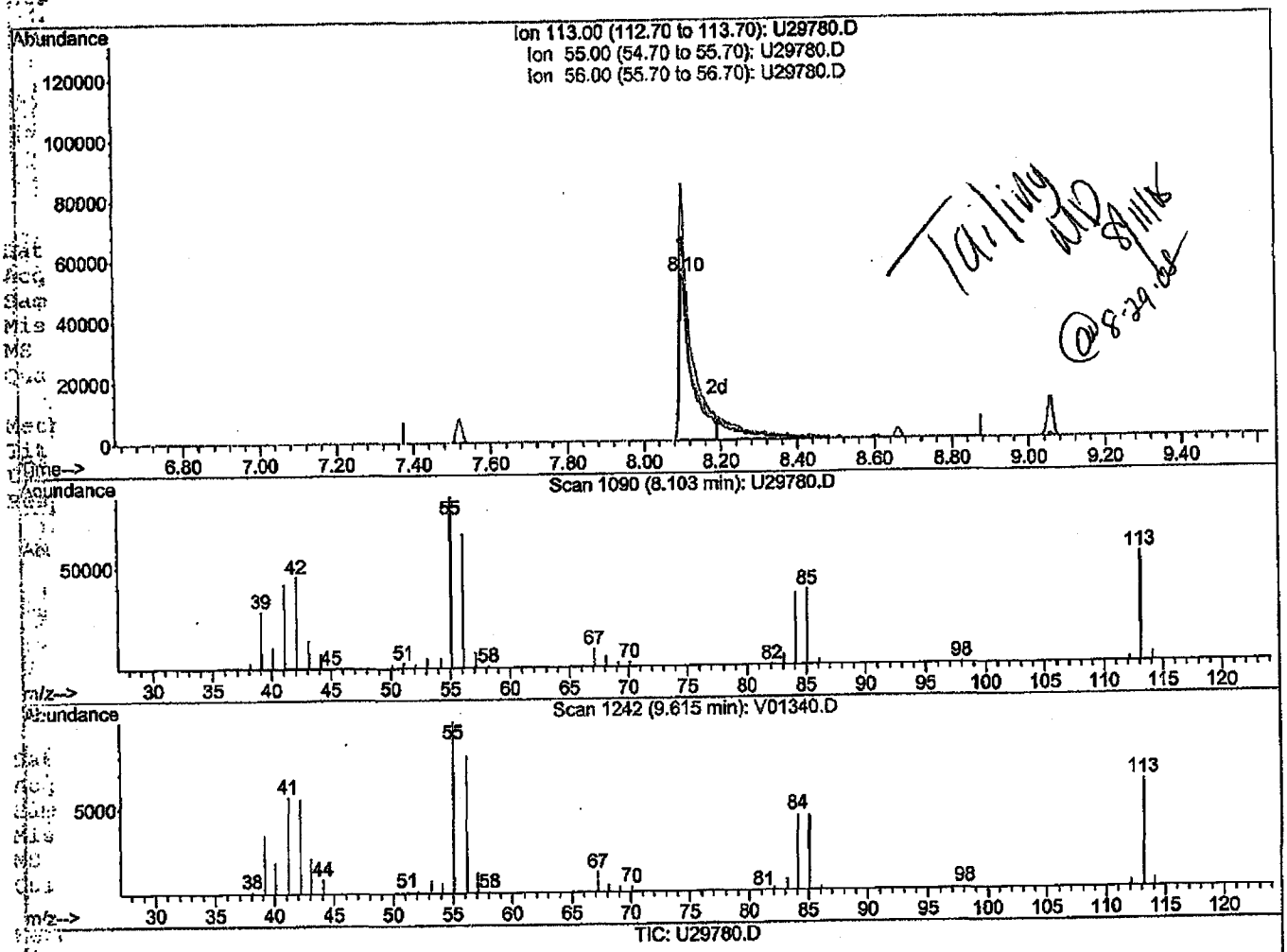
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29780.D
Acq On : 11 Aug 2008 10:06
Sample : SSTD080
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:17 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:00 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.10min 187.98ng

response 117707

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	155.68#
56.00	0.00	122.26#
0.00	0.00	0.00

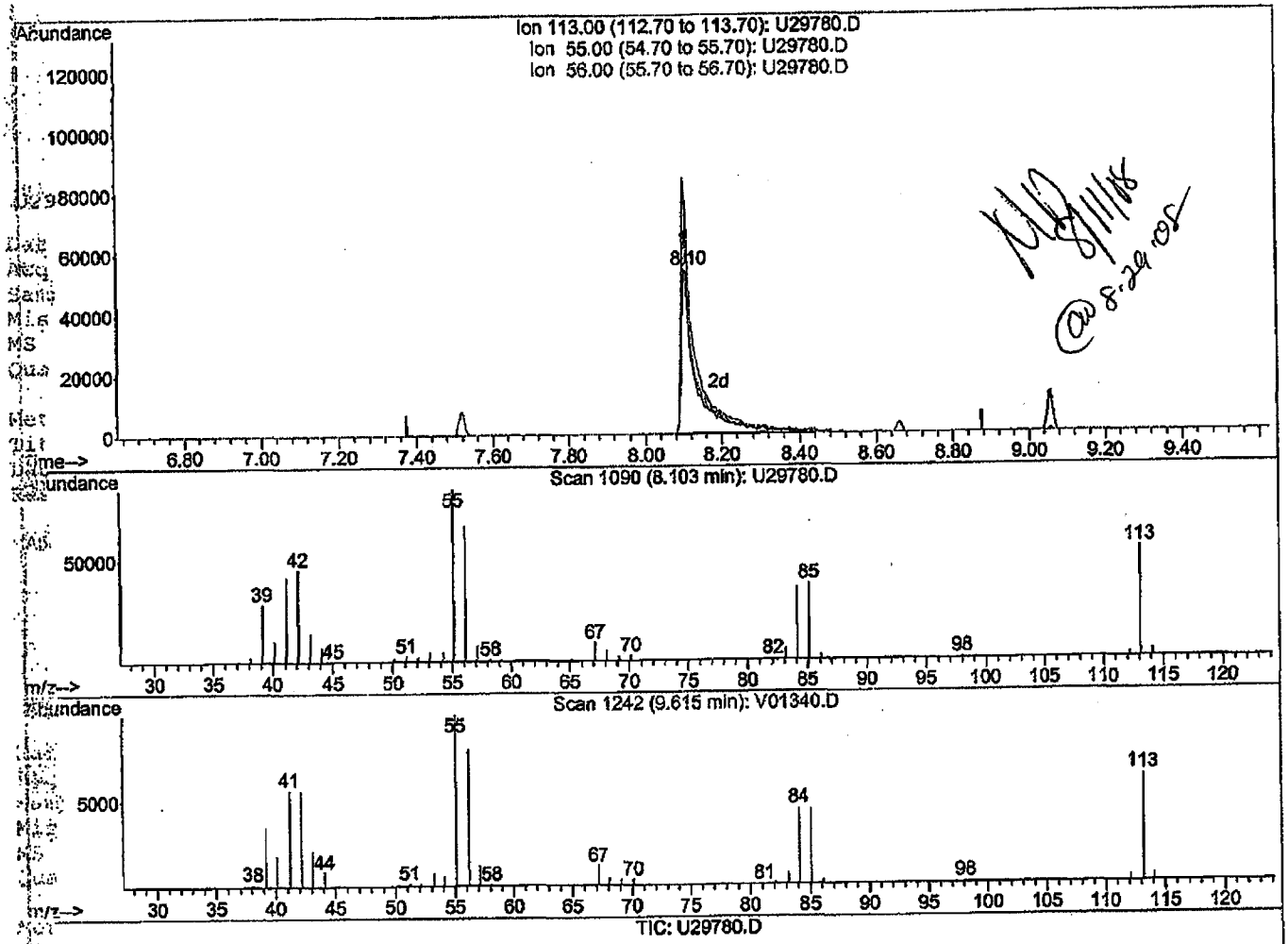
Quantitation Report (Qedit)

Data File : D:\DATA\081108\U29780.D
Acq On : 11 Aug 2008 10:06
Sample : SSTD080
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:17 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:00 2008
Response via : Multiple Level Calibration



(5) E655 Caprolactam

8.10min 255.08ng m

response 144068

Ion	Exp%	Act%
113.00	100	100
55.00	105.20	155.68#
56.00	0.00	122.26#
0.00	0.00	0.00

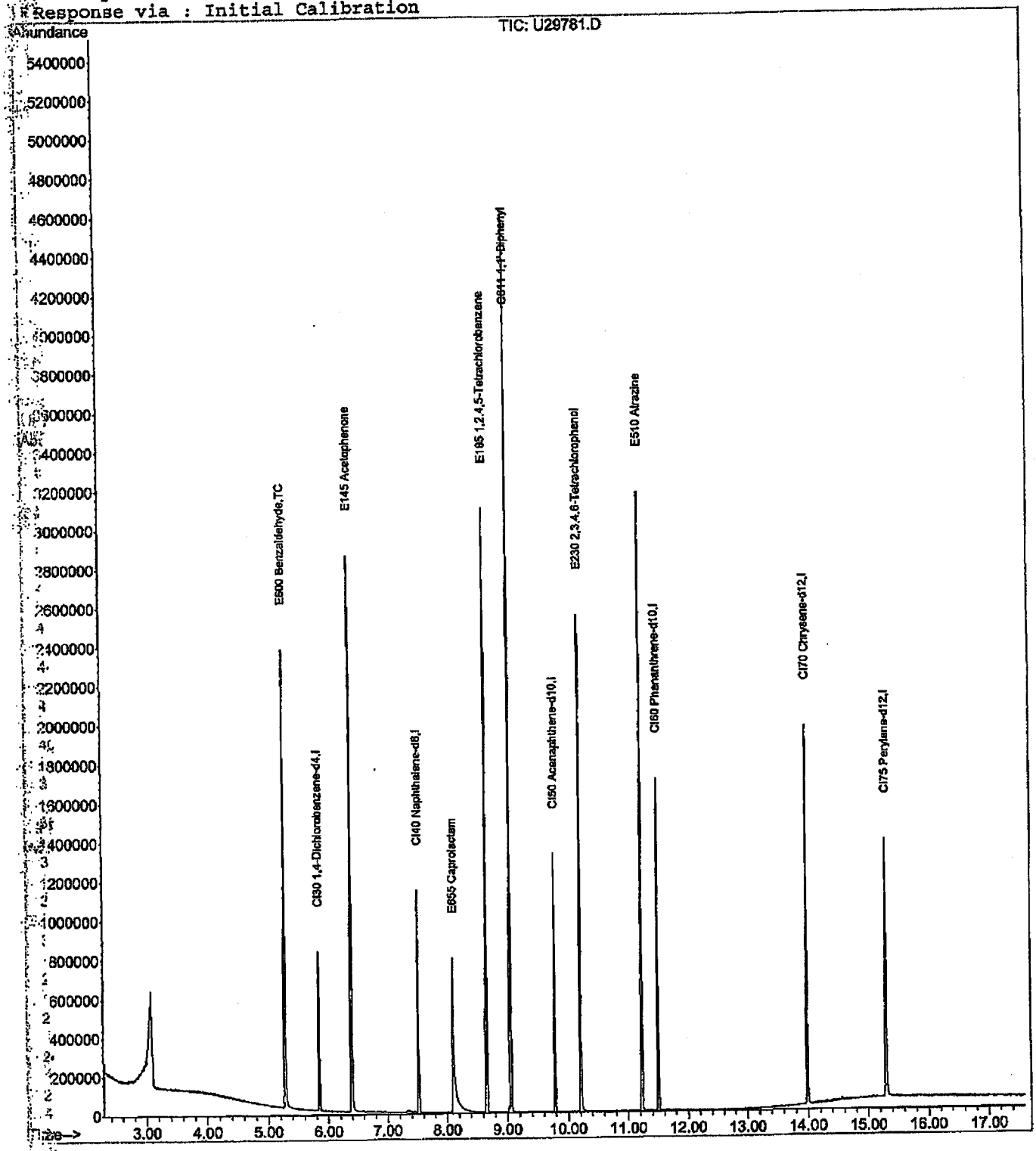
Quantitation Report (Not Reviewed)

Data File : D:\DATA\081108\U29781.D
Acq On : 11 Aug 2008 10:30
Sample : SSTD120
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:17 2008

Vial: 6
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:40 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\081108\U29781.D
Acq On : 11 Aug 2008 10:30
Sample : SSTD120
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:17:45 2008

Vial: 6
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	139229	40.00 ng	0.00 94.95%
4) CI40 Naphthalene-d8	7.52	136	548616	40.00 ng	0.00 97.42%
7) CI50 Acenaphthene-d10	9.79	164	307046	40.00 ng	0.00 100.19%
10) CI60 Phenanthrene-d10	11.49	188	643070	40.00 ng	0.00 98.77%
12) CI70 Chrysene-d12	13.99	240	638271	40.00 ng	0.00 96.20%
13) CI75 Perylene-d12	15.30	264	515096	40.00 ng	0.00 96.76%
Target Compounds					Qvalue
2) E600 Benzaldehyde	5.28	77	627643	111.26 ng	97
3) E145 Acetophenone	6.39	105	907327	112.35 ng	84
5) E655 Caprolactam	8.11	113	200455	434.78 ng	# 66
6) E195 1,2,4,5-Tetrachlorobe	8.66	216	516929	120.43 ng	80
8) C811 1,1'-Biphenyl	9.06	154	1538128	140.93 ng	98
9) E230 2,3,4,6-Tetrachloroph	10.21	232	305268	85.27 ng	90
11) E510 Atrazine	11.23	200	368421	105.45 ng	84

(#) = qualifier out of range (m) = manual integration

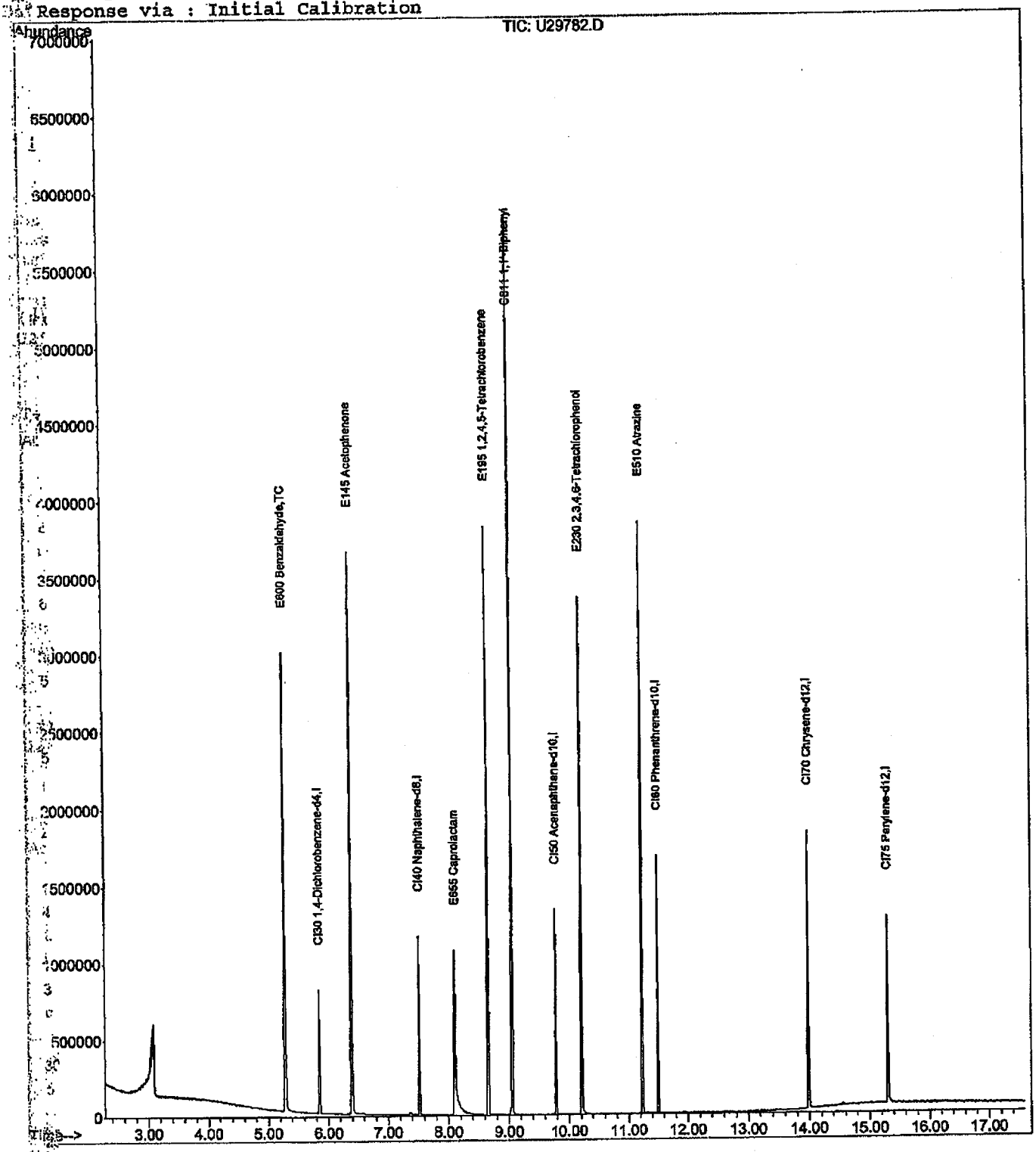
Quantitation Report (Not Reviewed)

Data File : D:\DATA\081108\U29782.D
Acq On : 11 Aug 2008 10:53
Sample : SSTD160
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:18 2008

Vial: 7
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:56 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\081108\U29782.D
Acq On : 11 Aug 2008 10:53
Sample : SSTD160
Misc : TCLADDS (08/08/08)
MS Integration Params: rteint.p
Quant Time: Aug 11 11:18:01 2008

Vial: 7
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:17:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	136367	40.00 ng		0.00 93.00%
4) CI40 Naphthalene-d8	7.52	136	547759	40.00 ng		0.00 97.27%
7) CI50 Acenaphthene-d10	9.79	164	303896	40.00 ng		0.00 99.16%
10) CI60 Phenanthrene-d10	11.49	188	632578	40.00 ng		0.00 97.16%
12) CI70 Chrysene-d12	13.99	240	614557	40.00 ng		0.00 92.62%
13) CI75 Perylene-d12	15.30	264	481053	40.00 ng		0.00 90.37%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.28	77	809052	143.53 ng		97
3) E145 Acetophenone	6.39	105	1158439	143.67 ng		79
5) E655 Caprolactam	8.11	113	263748	533.35 ng	#	61
6) E195 1,2,4,5-Tetrachlorobe	8.66	216	651174	151.43 ng		81
8) C811 1,1'-Biphenyl	9.06	154	1927434	180.25 ng		98
9) E230 2,3,4,6-Tetrachloroph	10.21	232	388050	102.68 ng		92
11) E510 Atrazine	11.23	200	466727	137.88 ng		84

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000697-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973U Calibration Dates(s): 09/22/2008 09/22/2008

Calibration Times: 09:15 11:18

Lab File ID: RRF5 = U30610.RR RRF20 = U30611.RR RRF50 = U30612.RR
RRF80 = U30613.RR RRF120 = U30614.RR RRF160 = U30615.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	*	1.760	1.924	1.921	1.793	1.658	1.743	1.8000	5.800*
Bis(2-chloroethyl) ether		1.415	1.602	1.502	1.471	1.331	1.431	1.4590	6.200
2-Chlorophenol		1.313	1.534	1.491	1.414	1.326	1.403	1.4140	6.200
2-Methylphenol		0.996	1.296	1.254	1.208	1.137	1.219	1.1850	9.000
2,2'-Oxybis(1-Chloropropane		1.789	2.028	1.969	1.928	1.793	1.910	1.9030	5.000
4-Methylphenol		1.062	1.324	1.312	1.238	1.153	1.240	1.2220	8.100
N-Nitroso-Di-n-propylamine	#	0.815	1.069	1.114	1.096	1.033	1.109	1.0390	11.000#
Hexachloroethane		0.528	0.716	0.666	0.665	0.626	0.663	0.6440	9.900
Nitrobenzene		0.389	0.500	0.490	0.468	0.434	0.461	0.4570	8.900
Isophorone		0.623	0.788	0.804	0.758	0.702	0.751	0.7380	9.000
2-Nitrophenol	*	0.121	0.196	0.199	0.193	0.182	0.195	0.1810	16.500*
2,4-Dimethylphenol		0.381	0.442	0.423	0.402	0.374	0.403	0.4040	6.300
Bis(2-chloroethoxy) methane		0.393	0.466	0.444	0.419	0.382	0.408	0.4190	7.600
2,4-Dichlorophenol	*	0.286	0.328	0.304	0.284	0.259	0.276	0.2890	8.200*
Naphthalene		1.022	1.164	1.098	1.036	0.964	1.020	1.0510	6.700
4-Chloroaniline		0.374	0.445	0.419	0.406	0.375	0.404	0.4040	6.700
Hexachlorobutadiene	*	0.207	0.232	0.222	0.211	0.193	0.205	0.2110	6.400*
4-Chloro-3-methylphenol	*	0.269	0.348	0.343	0.321	0.300	0.323	0.3170	9.300*
2-Methylnaphthalene		0.637	0.735	0.700	0.663	0.605	0.635	0.6620	7.200
Hexachlorocyclopentadiene	#	0.196	0.371	0.428	0.452	0.443	0.478	0.3940	26.300#
2,4,6-Trichlorophenol	*	0.339	0.424	0.418	0.412	0.381	0.412	0.3980	8.100*
2,4,5-Trichlorophenol		0.336	0.451	0.443	0.443	0.407	0.433	0.4190	10.300
2-Chloronaphthalene		1.149	1.348	1.297	1.266	1.168	1.247	1.2460	6.100
2-Nitroaniline		0.278	0.457	0.496	0.488	0.472	0.517	0.4510	19.300
Dimethyl phthalate		1.312	1.585	1.540	1.523	1.416	1.500	1.4790	6.700
Acenaphthylene		1.684	2.110	2.085	2.068	1.900	2.036	1.9800	8.200
2,6-Dinitrotoluene		0.174	0.310	0.325	0.326	0.308	0.332	0.2960	20.400
3-Nitroaniline		0.172	0.337	0.347	0.365	0.346	0.373	0.3240	23.300
Acenaphthene	*	1.204	1.369	1.320	1.278	1.195	1.268	1.2720	5.200*
2,4-Dinitrophenol	#	0.061	0.130	0.185	0.203	0.209	0.222	0.1680	36.600#
4-Nitrophenol	#	0.193	0.298	0.343	0.359	0.340	0.374	0.3180	20.800#
Dibenzofuran		1.651	1.897	1.824	1.785	1.632	1.736	1.7540	5.800
2,4-Dinitrotoluene		0.255	0.430	0.472	0.469	0.437	0.469	0.4220	19.800
Diethyl phthalate		1.297	1.676	1.662	1.647	1.494	1.603	1.5630	9.400
4-Chlorophenyl phenyl ether		0.665	0.800	0.749	0.740	0.690	0.730	0.7290	6.500
Fluorene		1.318	1.538	1.490	1.435	1.336	1.423	1.4230	6.000
4-Nitroaniline		0.217	0.339	0.378	0.371	0.351	0.384	0.3400	18.400

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000697-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973U Calibration Dates(s): 09/22/2008 09/22/2008

Calibration Times: 09:15 11:18

Lab File ID: RRF5 = U30610.RR RRF20 = U30611.RR RRF50 = U30612.RR
RRF80 = U30613.RR RRF120 = U30614.RR RRF160 = U30615.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol		0.067	0.117	0.130	0.133	0.128	0.137	0.1190	22.200
N-nitrosodiphenylamine	*	0.429	0.530	0.508	0.485	0.457	0.476	0.4810	7.500*
4-Bromophenyl phenyl ether		0.192	0.231	0.217	0.207	0.189	0.202	0.2060	7.600
Hexachlorobenzene		0.200	0.237	0.221	0.215	0.198	0.210	0.2140	6.900
Pentachlorophenol	*	0.044	0.078	0.105	0.114	0.114	0.119	0.0960	30.700*
Phenanthrene		1.066	1.217	1.141	1.091	0.998	1.029	1.0900	7.300
Anthracene		0.963	1.188	1.182	1.132	1.043	1.079	1.0980	7.900
Di-n-butyl phthalate		0.929	1.333	1.367	1.316	1.248	1.321	1.2520	13.000
Fluoranthene	*	1.161	1.382	1.315	1.225	1.133	1.180	1.2330	7.800*
Pyrene		1.018	1.165	1.131	1.067	0.928	0.969	1.0460	8.800
Butyl benzyl phthalate		0.354	0.564	0.590	0.577	0.499	0.518	0.5170	16.900
3,3'-Dichlorobenzidine		0.300	0.398	0.418	0.396	0.336	0.356	0.3670	12.100
Benzo(a)anthracene		0.925	1.146	1.122	1.076	0.938	1.005	1.0350	9.100
Chrysene		1.036	1.202	1.134	1.105	0.967	1.014	1.0760	8.000
Bis(2-ethylhexyl) phthalate		0.546	0.829	0.894	0.880	0.808	0.851	0.8010	16.100
Di-n-octyl phthalate	*	0.799	1.338	1.488	1.486	1.284	1.330	1.2870	19.700*
Benzo(b)fluoranthene		1.184	1.297	1.277	1.198	1.126	1.156	1.2060	5.600
Benzo(k)fluoranthene		1.234	1.412	1.271	1.179	1.028	1.163	1.2150	10.500
Benzo(a)pyrene	*	0.928	1.146	1.135	1.065	0.975	1.058	1.0510	8.200*
Indeno(1,2,3-cd)pyrene		1.058	1.203	1.202	1.157	1.091	1.207	1.1530	5.600
Dibenzo(a,h)anthracene		0.928	1.063	1.068	1.020	0.953	1.078	1.0180	6.300
Benzo(ghi)perylene		0.857	0.978	0.981	0.954	0.880	0.974	0.9370	5.800
Carbazole		0.904	1.067	1.056	0.989	0.888	0.909	0.9690	8.200
Nitrobenzene-D5		0.375	0.468	0.469	0.454	0.421	0.446	0.4390	8.100
2-Fluorobiphenyl		1.424	1.607	1.518	1.477	1.369	1.438	1.4720	5.600
p-Terphenyl-d14		0.812	0.941	0.911	0.855	0.743	0.770	0.8380	9.300
Phenol-D5		1.553	1.818	1.793	1.708	1.561	1.646	1.6800	6.700
2-Fluorophenol		1.296	1.554	1.480	1.413	1.316	1.374	1.4050	7.000
2,4,6-Tribromophenol		0.073	0.103	0.106	0.106	0.097	0.106	0.0980	13.300

Comments:

Response Factor Report HP5973U

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:06:13 2008
Response via : Initial Calibration

Calibration Files
5 =U30610.D 20 =U30611.D 50 =U30612.D
80 =U30613.D 120 =U30614.D 160 =U30615.D

		Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30 1,4-Dichlorobenz	----------ISTD----------							
2)	T	C705 n-nitrosodidim	1.106	0.033	0.007	0.005	0.002	0.002	0.193	232.35
3)	S	CS50 2-Fluorophenol	1.296	1.554	1.479	1.413	1.316	1.374	1.405	7.02
4)	TC	C325 bis(2-Chloroet	1.415	1.602	1.502	1.471	1.331	1.431	1.458	6.25
5)	S	CS45 Phenol-d5	1.553	1.818	1.793	1.708	1.561	1.646	1.680	6.74
6)	S	CS70 2-chlorophenol	1.357	1.518	1.472	1.412	1.305	1.392	1.409	5.47
7)	MC	C315 Phenol	1.760	1.923	1.921	1.793	1.658	1.743	1.800	5.82
8)	MC	C330 2-Chlorophenol	1.313	1.534	1.491	1.414	1.326	1.403	1.414	6.19
9)	T	C320 aniline	1.972	2.367	2.204	2.102	1.946	2.064	2.109	7.44
10)	TC	C335 1,3-Dichlorobe	1.568	1.721	1.644	1.584	1.469	1.537	1.587	5.50
11)	MC	C340 1,4-Dichlorobe	1.515	1.752	1.678	1.604	1.494	1.587	1.605	6.09
12)	S	CS75 1,2-dichlorobe	0.848	0.936	0.906	0.875	0.803	0.852	0.870	5.35
13)	TC	C350 1,2-Dichlorobe	1.493	1.614	1.565	1.489	1.399	1.454	1.502	5.12
14)	T	C345 Benzyl alcohol	0.623	0.924	0.971	0.947	0.907	0.958	0.888	14.83
15)	T	C360 bis(2-chlorois	1.789	2.028	1.969	1.928	1.793	1.910	1.903	5.01
16)	TC	C355 2-Methylphenol	0.996	1.296	1.254	1.208	1.137	1.219	1.185	8.99
17)	TC	C375 Hexachloroetha	0.528	0.716	0.666	0.665	0.626	0.663	0.644	9.87
18)	MC	C370 N-Nitroso-di-n	0.815	1.069	1.114	1.096	1.033	1.109	1.039	10.98
19)	TC	C365 4-Methylphenol	1.062	1.324	1.312	1.238	1.153	1.240	1.222	8.14
20)	I	CI40 Naphthalene-d8	----------ISTD----------							
21)	S	CS20 Nitrobenzene-d	0.375	0.468	0.469	0.454	0.421	0.446	0.439	8.14
22)	TC	C410 Nitrobenzene	0.389	0.500	0.490	0.468	0.434	0.461	0.457	8.87
23)	TC	C415 Isophorone	0.623	0.788	0.804	0.758	0.702	0.751	0.738	9.00
24)	T	C430 benzoic acid	0.169	0.208	0.226	0.223	0.214	0.238	0.213	11.11
25)	TC	C420 2-Nitrophenol	0.121	0.196	0.199	0.193	0.182	0.195	-----	
								L	M= 0.191	R=0.997
									B= 0.001	
26)	TC	C425 2,4-Dimethylph	0.381	0.442	0.423	0.402	0.374	0.403	0.404	6.27
27)	TC	C435 bis(2-Chloroet	0.393	0.466	0.444	0.419	0.382	0.408	0.419	7.60
28)	TC	C440 2,4-Dichloroph	0.286	0.328	0.303	0.284	0.259	0.276	0.289	8.22
29)	MC	C445 1,2,4-Trichlor	0.325	0.374	0.343	0.332	0.295	0.314	0.331	8.21
30)	TC	C450 Naphthalene	1.022	1.164	1.098	1.036	0.964	1.020	1.051	6.68
31)	T	C455 4-Chloroanilin	0.374	0.445	0.419	0.406	0.375	0.404	0.404	6.71
32)	T	C460 Hexachlorobuta	0.207	0.231	0.222	0.211	0.193	0.205	0.211	6.43
33)	MC	C465 4-Chloro-3-met	0.269	0.348	0.343	0.320	0.300	0.323	0.317	9.27
34)	TC	C470 2-Methylnaphth	0.637	0.735	0.700	0.663	0.605	0.635	0.662	7.19
35)	I	CI50 Acenaphthene-d10	----------ISTD----------							
36)	T	C510 Hexachlorocycl	0.196	0.371	0.428	0.451	0.443	0.478	-----	
								L	M= 0.481	R=0.998
									B= -0.058	
37)	TC	C515 2,4,6-Trichlor	0.339	0.424	0.418	0.412	0.381	0.412	0.398	8.15
38)	TC	C520 2,4,5-Trichlor	0.336	0.451	0.443	0.443	0.407	0.433	0.419	10.31
39)	S	CS25 2-Fluorobiphen	1.424	1.607	1.518	1.477	1.369	1.438	1.472	5.63
40)	TC	C525 2-Chloronaphth	1.149	1.348	1.297	1.266	1.168	1.246	1.246	6.11
41)	T	C530 2-Nitroaniline	0.278	0.457	0.496	0.488	0.472	0.517	-----	
								L	M= 0.510	R=0.996
									B= -0.032	
42)	MC	C540 Acenaphthylene	1.684	2.110	2.085	2.068	1.900	2.036	1.980	8.23
43)	T	C535 Dimethylphthal	1.312	1.585	1.540	1.523	1.416	1.500	1.479	6.69
44)	TC	C542 2,6-Dinitrotol	0.174	0.310	0.325	0.326	0.308	0.332	-----	
								L	M= 0.328	R=0.997

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report HP5973U

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:06:13 2008
Response via : Initial Calibration

Calibration Files
5 =U30610.D 20 =U30611.D 50 =U30612.D
80 =U30613.D 120 =U30614.D 160 =U30615.D

			Compound	5	20	50	80	120	160	Avg	%RSD
45)	TC	C550	Acenaphthene	1.204	1.369	1.320	1.278	1.195	1.268	1.272	5.26
46)	T	C545	3-Nitroaniline	0.172	0.337	0.347	0.365	0.346	0.373	-----	
									L	M= 0.372 R=0.998	
										B= -0.027	
47)	T	C555	2,4-Dinitrophe	0.061	0.130	0.185	0.203	0.209	0.222	-----	
									L	M= 0.231 R=0.999	
										B= -0.053	
48)	TC	C565	Dibenzofuran	1.651	1.897	1.824	1.785	1.632	1.736	1.754	5.82
49)	MC	C570	2,4-Dinitrotol	0.255	0.430	0.472	0.469	0.437	0.469	-----	
									L	M= 0.464 R=0.997	
										B= -0.010	
50)	M	C560	4-Nitrophenol	0.193	0.298	0.343	0.358	0.340	0.374	-----	
									L	M= 0.376 R=0.997	
										B= -0.045	
51)	TC	C590	Fluorene	1.318	1.538	1.490	1.435	1.335	1.423	1.423	6.01
52)	TC	C585	4-Chlorophenyl	0.664	0.800	0.749	0.740	0.690	0.730	0.729	6.51
53)	T	C580	Diethylphthala	1.297	1.676	1.662	1.647	1.494	1.603	1.563	9.35
54)	T	C620	1,2 diphenylhy	1.423	2.026	1.997	1.970	1.835	1.969	1.870	12.21
55)	T	C595	4-Nitroaniline	0.217	0.339	0.378	0.371	0.351	0.384	-----	
									L	M= 0.378 R=0.996	
										B= -0.016	
56)	I	CI60	Phenanthrene-d10	----------			ISTD	----------			
57)	T	C610	4,6-Dinitro-2-	0.066	0.117	0.130	0.133	0.128	0.137	-----	
									L	M= 0.138 R=0.998	
										B= -0.013	
58)	T	C615	n-Nitrosodiphe	0.429	0.530	0.508	0.485	0.457	0.476	0.481	7.48
59)	S	CS55	2,4,6-Tribromo	0.073	0.103	0.106	0.106	0.097	0.106	0.098	13.27
60)	TC	C625	4-Bromophenyl-	0.192	0.231	0.217	0.207	0.189	0.202	0.206	7.60
61)	TC	C630	Hexachlorobenz	0.200	0.237	0.221	0.215	0.198	0.210	0.214	6.86
62)	MC	C635	Pentachlorophe	0.044	0.078	0.105	0.114	0.114	0.119	-----	
									L	M= 0.123 R=0.999	
										B= -0.022	
63)	TC	C640	Phenanthrene	1.066	1.217	1.141	1.091	0.998	1.029	1.090	7.27
64)	TC	C645	Anthracene	0.963	1.188	1.182	1.132	1.043	1.079	1.098	7.93
65)	T	C647	carbazole	0.904	1.067	1.056	0.989	0.888	0.909	0.969	8.26
66)	T	C650	Di-n-butylphth	0.929	1.333	1.367	1.315	1.248	1.321	1.252	13.01
67)	TC	C655	Fluoranthene	1.161	1.382	1.315	1.225	1.133	1.180	1.233	7.85
68)	I	CI70	Chrysene-d12	----------			ISTD	----------			
69)	MC	C715	Pyrene	1.018	1.165	1.131	1.067	0.928	0.969	1.046	8.80
70)	T	C710	benzidine	0.364	0.534	0.547	0.534	0.480	0.505	0.494	13.82
71)	S	CS30	Terphenyl-d14	0.812	0.941	0.911	0.855	0.743	0.770	0.838	9.34
72)	T	C720	Butylbenzylpht	0.354	0.563	0.590	0.577	0.499	0.518	-----	
									L	M= 0.507 R=0.992	
										B= 0.054	
73)	T	C725	3,3'-Dichlorob	0.300	0.398	0.418	0.396	0.336	0.356	0.367	12.13
74)	TC	C730	Benzo[a]anthra	0.925	1.146	1.122	1.076	0.938	1.005	1.035	9.08
75)	TC	C735	Chrysene	1.036	1.202	1.134	1.105	0.967	1.014	1.076	8.04
76)	T	C740	bis(2-Ethylhex	0.546	0.828	0.894	0.880	0.808	0.851	-----	
									L	M= 0.840 R=0.997	
										B= 0.017	
77)	T	C760	Di-n-octylphth	0.799	1.338	1.487	1.486	1.284	1.330	-----	
									L	M= 1.314 R=0.992	

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
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Response Factor Report HP5973U

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:06:13 2008
Response via : Initial Calibration

Calibration Files
5 =U30610.D 20 =U30611.D 50 =U30612.D
80 =U30613.D 120 =U30614.D 160 =U30615.D

			Compound	5	20	50	80	120	160	Avg	%RSD
78)	I	CI75	Perylene-d12	----------ISTD----------							
79)	TC	C765	Benzo[b]fluora	1.184	1.297	1.277	1.198	1.126	1.156	1.206	5.60
80)	TC	C770	Benzo[k]fluora	1.234	1.412	1.271	1.179	1.028	1.163	1.214	10.51
81)	TC	C775	Benzo[a]pyrene	0.928	1.146	1.134	1.065	0.975	1.058	1.051	8.18
82)	TC	C780	Indeno[1,2,3-c	1.057	1.203	1.202	1.157	1.091	1.207	1.153	5.60
83)	TC	C785	Dibenz[a,h]ant	0.928	1.063	1.068	1.020	0.953	1.078	1.018	6.29
84)	TC	C790	Benzo[g,h,i]pe	0.857	0.978	0.981	0.954	0.880	0.974	0.937	5.86

Total Average %RSD 11.47□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Date: 10/14/2008 ICC Profile Page: 1
Time: 18:55:08 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: MO
CCC Conc: 50.00 QC Date: 10/02/2008

Comments:

			ng On Column					
Seq	Parameter		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310 131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320 208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330 606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340 99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350 83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360 51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370 100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380 132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390 121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400 84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410 7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420 86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430 100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440 534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450 86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460 101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470 118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480 87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490 85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500 120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510 84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520 206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530 129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540 85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550 91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560 56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570 218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580 117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590 117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600 205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610 207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620 50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630 193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640 53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650 191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660 4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670 321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690 SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700 367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710 118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720 SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730 SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740 SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750 1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770 198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780 SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781 87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782 634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783 87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785 95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7 1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3 1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4 sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0 m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2 1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1 1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4 1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4 1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1 Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0 1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9 1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7 1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3 2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2 2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0 2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5 2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5 2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL 2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9 2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F 2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5 2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7 2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8 2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8 2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9 2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0 2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0 2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4 2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0 2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3 2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2 2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1 2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7 2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8 2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8 2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7 2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7 3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4 3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8 3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1 3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2 3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0 3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5 3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0 3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH 3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7 3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8 3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5 3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4 3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4 4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1 4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9 4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840 4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841 56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842 99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843 57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844 98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845 62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846 140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847 103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848 103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849 108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850 92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851 192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852 92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853 124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854 128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855 57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856 510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857 2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858 192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859 189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860 320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861 109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862 60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863 117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864 120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865 124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866 122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867 298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868 DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869 62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870 107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871 52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872 70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873 1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874 465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875 28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876 120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877 143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878 91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879 66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880 298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881 68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882 121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883 924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884 55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885 62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886 10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887 59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888 100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889 930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890 126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891 95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7 p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6 p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2 Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5 Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8 Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2 Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8 Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8 Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2 Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9 Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5 Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1 Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3 Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7 Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5 Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2 Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5 Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0 Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6 Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7 Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5 a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7 a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8 a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6 a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2 a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6 a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3 Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4 p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4 p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1 p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3 p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7 Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3 4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6 3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4 Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58 Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5 N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9 Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8 Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3 n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7 2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8 Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0 2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8 2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9 Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2 Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3 4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1 TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

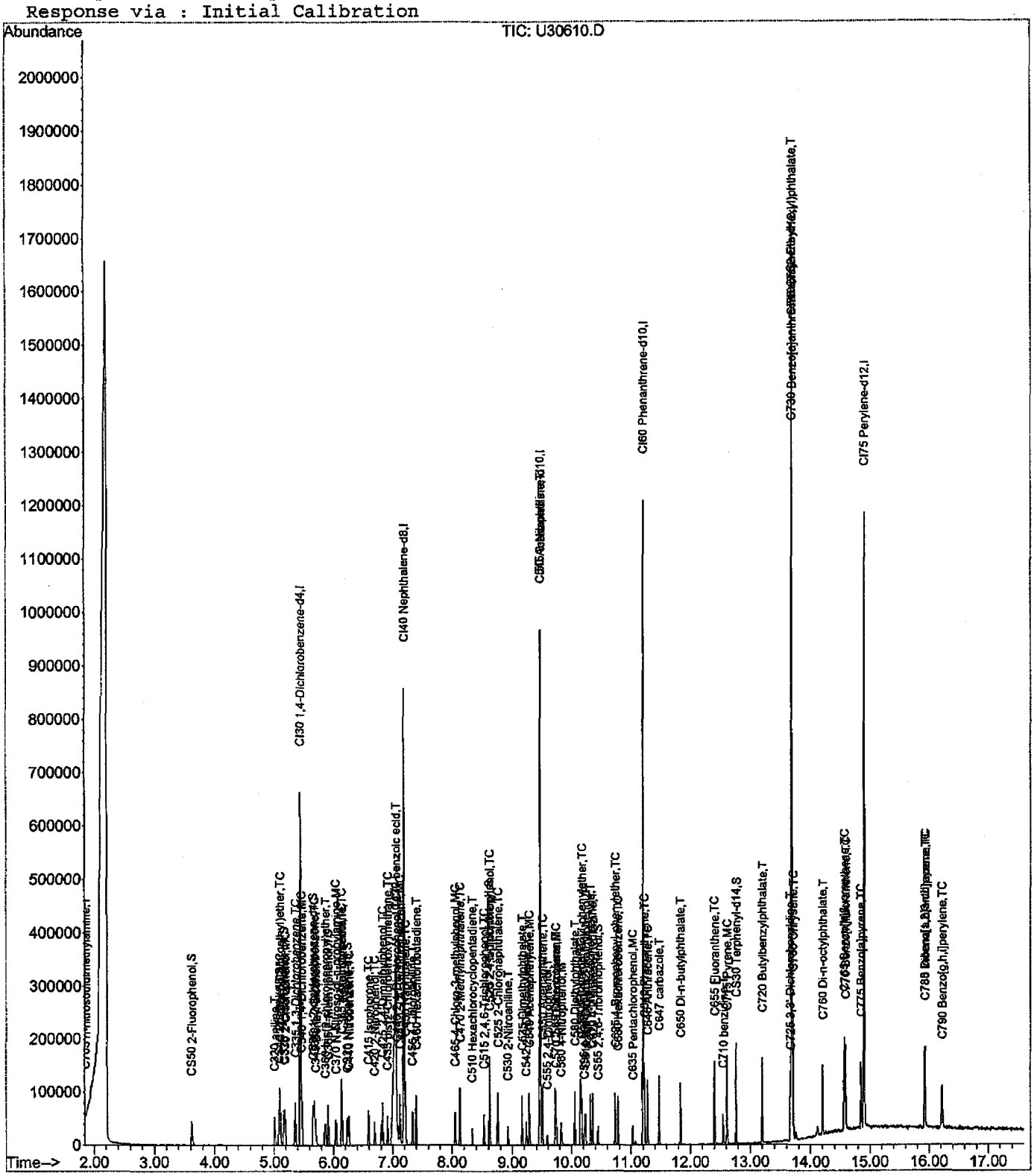
ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

			ng On Column					
Seq	Parameter		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30610.D Vial: 2
Acq On : 22 Sep 2008 9:15 Operator: MD
Sample : SSTD005 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 14:53:16 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30610.D Vial: 2
Acq On : 22 Sep 2008 9:15 Operator: MD
Sample : SSTD005 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00:40 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 14:53:16 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\U29615.D (5 Aug 2008 11:02)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	105592	40.00	ng	0.00 58.99%
20) CI40 Naphthalene-d8	7.19	136	373041	40.00	ng	0.00 53.05%
35) CI50 Acenaphthene-d10	9.46	164	187551	40.00	ng	0.00 48.00%
56) CI60 Phenanthrene-d10	11.20	188	380621	40.00	ng	0.00 46.18%
68) CI70 Chrysene-d12	13.69	240	468378	40.00	ng	0.00 50.88%
78) CI75 Perylene-d12	14.90	264	420740	40.00	ng	0.00 51.07%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.62	112	17103	4.45	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 2.97%#			
5) CS45 Phenol-d5	5.08	99	20498	4.41	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 2.94%#			
6) CS70 2-chlorophenol-d4	5.17	132	17909	4.64	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 3.09%#			
12) CS75 1,2-dichlorobenzene-d	5.66	152	11192	4.75	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 4.75%#			
21) CS20 Nitrobenzene-d5	6.23	82	17498	4.66	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 4.66%#			
39) CS25 2-Fluorobiphenyl	8.62	172	33386	5.06	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 5.06%#			
59) CS55 2,4,6-Tribromophenol	10.45	330	3468	4.04	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 2.69%#			
71) CS30 Terphenyl-d14	12.76	244	47534	5.10	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 5.10%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.85	74	14594	5.53	ng	# 15
4) C325 bis(2-Chloroethyl)eth	5.10	93	18672	4.80	ng	92
7) C315 Phenol	5.10	94	23230	4.35	ng	88
8) C330 2-Chlorophenol	5.19	128	17333	4.40	ng	97
9) C320 aniline	5.01	93	26030	4.55	ng	86
10) C335 1,3-Dichlorobenzene	5.36	146	20690	4.62	ng	97
11) C340 1,4-Dichlorobenzene	5.47	146	19991	4.40	ng	94
13) C350 1,2-Dichlorobenzene	5.68	146	19706	4.65	ng	89
14) C345 Benzyl alcohol	5.70	108	8228	3.60	ng	# 56
15) C360 bis(2-chloroisopropyl	5.86	45	23617	4.25	ng	89
16) C355 2-Methylphenol	5.92	108	13151	3.96	ng	83
17) C375 Hexachloroethane	6.15	117	6971	4.27	ng	98
18) C370 N-Nitroso-di-n-propyl	6.04	70	10753	3.92	ng	92
19) C365 4-Methylphenol	6.14	108	14021	3.95	ng	95
22) C410 Nitrobenzene	6.26	77	18127	4.52	ng	95
23) C415 Isophorone	6.59	82	29035	4.42	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30610.D Vial: 2
Acq On : 22 Sep 2008 9:15 Operator: MD
Sample : SSTD005 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00:40 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 14:53:16 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.05	122	157878	79.67	ng		93
25)	C420 2-Nitrophenol	6.70	139	5642	3.31	ng		86
26)	C425 2,4-Dimethylphenol	6.83	107	17754	5.02	ng		84
27)	C435 bis(2-Chloroethoxy)me	6.92	93	18313	4.76	ng		95
28)	C440 2,4-Dichlorophenol	7.07	162	13344	4.89	ng		87
29)	C445 1,2,4-Trichlorobenzen	7.12	180	15170	4.87	ng		95
30)	C450 Naphthalene	7.21	128	47666	4.75	ng		95
31)	C455 4-Chloroaniline	7.34	127	17458	4.48	ng		98
32)	C460 Hexachlorobutadiene	7.40	225	9631	5.36	ng		90
33)	C465 4-Chloro-3-methylphen	8.05	107	12547	4.41	ng		98
34)	C470 2-Methylnaphthalene	8.13	142	29690	4.73	ng		100
36)	C510 Hexachlorocyclopentad	8.34	237	4586	2.47	ng		94
37)	C515 2,4,6-Trichlorophenol	8.53	196	7944	4.41	ng		88
38)	C520 2,4,5-Trichlorophenol	8.62	196	7883	4.08	ng		92
40)	C525 2-Chloronaphthalene	8.76	162	26929	4.69	ng		91
41)	C530 2-Nitroaniline	8.92	65	6518	3.54	ng		90
42)	C540 Acenaphthylene	9.28	152	39471	4.27	ng		98
43)	C535 Dimethylphthalate	9.16	163	30762	4.86	ng		98
44)	C542 2,6-Dinitrotoluene	9.23	165	4076	3.04	ng	#	61
45)	C550 Acenaphthene	9.51	153	28233	4.89	ng		97
46)	C545 3-Nitroaniline	9.46	138	4027	2.74	ng	#	37
47)	C555 2,4-Dinitrophenol	9.59	184	2852	3.44	ng	#	78
48)	C565 Dibenzofuran	9.73	168	38715	4.84	ng		98
49)	C570 2,4-Dinitrotoluene	9.74	165	5978	3.16	ng	#	1
50)	C560 4-Nitrophenol	9.82	109	9060	8.06	ng	#	60
51)	C590 Fluorene	10.15	166	30892	4.82	ng		99
52)	C585 4-Chlorophenyl-phenyl	10.17	204	15578	4.92	ng	#	82
53)	C580 Diethylphthalate	10.06	149	30405	4.86	ng		98
54)	C620 1,2 diphenylhydrazine	10.36	77	33370	4.46	ng		98
55)	C595 4-Nitroaniline	10.22	138	5091	3.25	ng	#	68
57)	C610 4,6-Dinitro-2-methylp	10.24	198	6325	5.62	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	20399	4.44	ng		99
60)	C625 4-Bromophenyl-phenyle	10.73	248	9141	4.86	ng		94
61)	C630 Hexachlorobenzene	10.78	284	9495	4.86	ng		85
62)	C635 Pentachlorophenol	11.03	266	4166	3.84	ng		95
63)	C640 Phenanthrene	11.23	178	50712	4.88	ng		96
64)	C645 Anthracene	11.28	178	45809	4.40	ng		95
65)	C647 carbazole	11.47	167	43020	4.50	ng		100
66)	C650 Di-n-butylphthalate	11.83	149	44211	4.36	ng		93
67)	C655 Fluoranthene	12.41	202	55253	4.86	ng		97
69)	C715 Pyrene	12.62	202	59617	4.77	ng		93
70)	C710 benzidine	12.55	184	21297	4.21	ng		95
72)	C720 Butylbenzylphthalate	13.20	149	20714	4.04	ng		85
73)	C725 3,3'-Dichlorobenzidin	13.66	252	17571	3.85	ng		97
74)	C730 Benzo[a]anthracene	13.68	228	54136	4.24	ng		93
75)	C735 Chrysene	13.71	228	60633	4.63	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	31965	4.27	ng		91
77)	C760 Di-n-octylphthalate	14.21	149	46803	3.56	ng		98
79)	C765 Benzo[b]fluoranthene	14.57	252	62283	4.41	ng		97
80)	C770 Benzo[k]fluoranthene	14.59	252	64893	4.56	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30610.D Vial: 2
Acq On : 22 Sep 2008 9:15 Operator: MD
Sample : SSTD005 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00:40 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 14:53:16 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

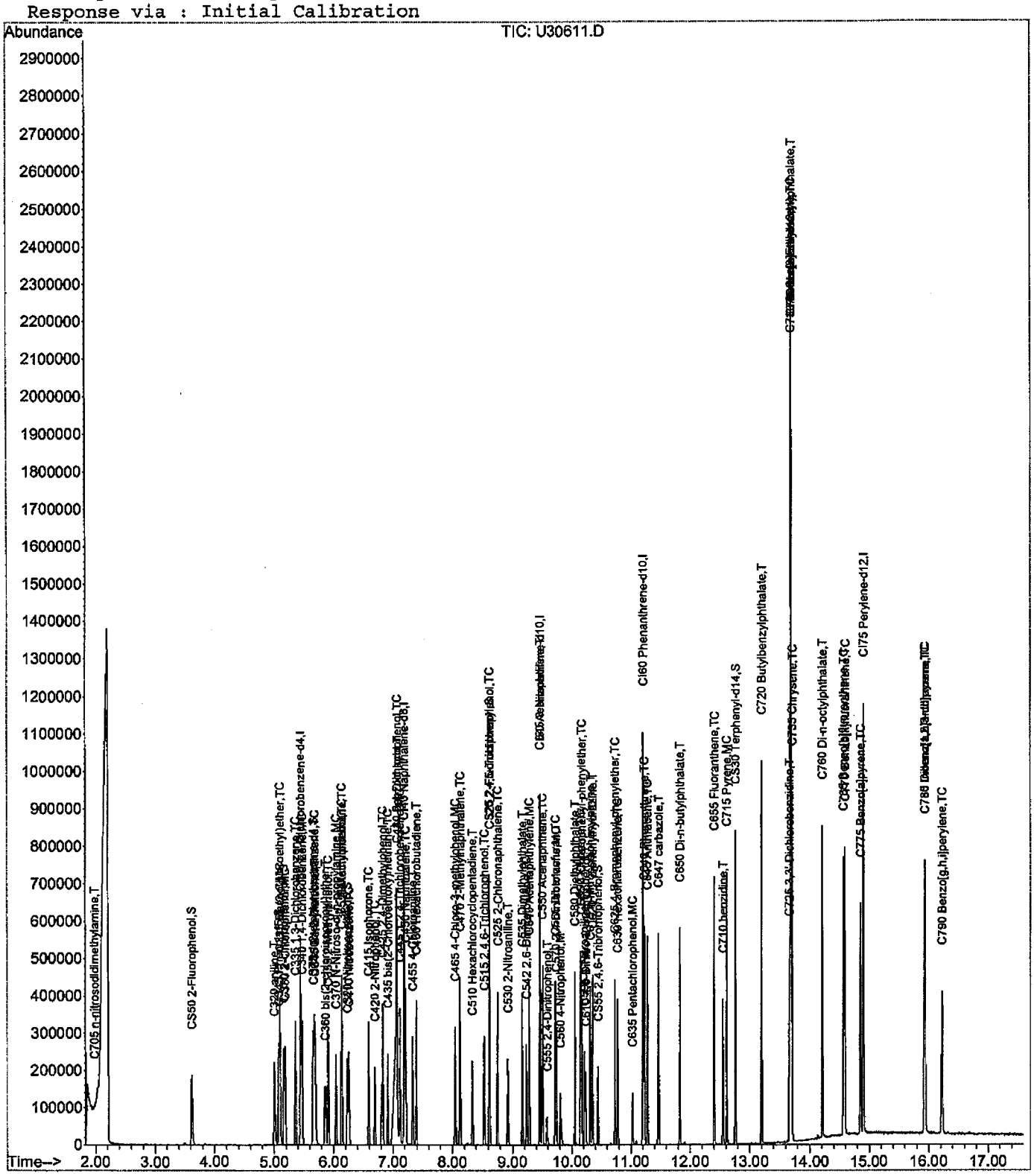
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.85	252	48828	3.85	ng	98
82)	C780 Indeno[1,2,3-cd]pyren	15.93	276	55614	3.88	ng	88
83)	C785 Dibenz[a,h]anthracene	15.94	278	48788	3.89	ng	94
84)	C790 Benzo[g,h,i]perylene	16.22	276	45063	3.82	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30611.D Vial: 3
Acq On : 22 Sep 2008 9:38 Operator: MD
Sample : SSTD020 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:00:49 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30611.D Vial: 3
Acq On : 22 Sep 2008 9:38 Operator: MD
Sample : SSTD020 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00:56 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:00:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\U29615.D (5 Aug 2008 11:02)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	88808	40.00	ng	0.00 49.61%
20) CI40 Naphthalene-d8	7.19	136	325552	40.00	ng	0.00 46.30%
35) CI50 Acenaphthene-d10	9.46	164	163624	40.00	ng	0.00 41.88%
56) CI60 Phenanthrene-d10	11.20	188	339083	40.00	ng	0.00 41.14%
68) CI70 Chrysene-d12	13.69	240	428982	40.00	ng	0.00 46.60%
78) CI75 Perylene-d12	14.90	264	419024	40.00	ng	0.00 50.86%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.62	112	69011	21.34	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 14.23%#			
5) CS45 Phenol-d5	5.08	99	80746	20.67	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 13.78%			
6) CS70 2-chlorophenol-d4	5.17	132	67398	20.77	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 13.85%#			
12) CS75 1,2-dichlorobenzene-d	5.66	152	41543	20.95	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 20.95%			
21) CS20 Nitrobenzene-d5	6.23	82	76170	23.25	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 23.25%#			
39) CS25 2-Fluorobiphenyl	8.62	172	131441	22.84	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 22.84%#			
59) CS55 2,4,6-Tribromophenol	10.45	330	17463	22.81	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 15.21%			
71) CS30 Terphenyl-d14	12.76	244	201818	23.65	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 23.65%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.98	74	1445	0.65	ng	# 77
4) C325 bis(2-Chloroethyl)eth	5.10	93	71125	21.74	ng	98
7) C315 Phenol	5.10	94	85409	19.04	ng	# 85
8) C330 2-Chlorophenol	5.19	128	68121	20.56	ng	98
9) C320 aniline	5.00	93	105100	21.84	ng	84
10) C335 1,3-Dichlorobenzene	5.36	146	76431	20.28	ng	95
11) C340 1,4-Dichlorobenzene	5.47	146	77800	20.34	ng	95
13) C350 1,2-Dichlorobenzene	5.68	146	71654	20.11	ng	96
14) C345 Benzyl alcohol	5.70	108	41012	21.36	ng	# 79
15) C360 bis(2-chloroisopropyl	5.87	45	90033	19.27	ng	86
16) C355 2-Methylphenol	5.91	108	57547	20.63	ng	96
17) C375 Hexachloroethane	6.15	117	31793	23.17	ng	90
18) C370 N-Nitroso-di-n-propyl	6.04	70	47476	20.57	ng	98
19) C365 4-Methylphenol	6.14	108	58808	19.68	ng	94
22) C410 Nitrobenzene	6.26	77	81340	23.26	ng	95
23) C415 Isophorone	6.59	82	128296	22.40	ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30611.D
Acq On : 22 Sep 2008 9:38
Sample : SSTD020
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00:56 2008

Vial: 3
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:00:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.06	122	203607	117.73	ng		93
25)	C420 2-Nitrophenol	6.70	139	31860	21.44	ng		81
26)	C425 2,4-Dimethylphenol	6.83	107	71897	23.32	ng		88
27)	C435 bis(2-Chloroethoxy)me	6.92	93	75863	22.60	ng		99
28)	C440 2,4-Dichlorophenol	7.07	162	53331	22.39	ng		97
29)	C445 1,2,4-Trichlorobenzen	7.12	180	60955	22.44	ng		99
30)	C450 Naphthalene	7.22	128	189466	21.62	ng		97
31)	C455 4-Chloroaniline	7.33	127	72501	21.32	ng		97
32)	C460 Hexachlorobutadiene	7.40	225	37675	24.04	ng		95
33)	C465 4-Chloro-3-methylphen	8.05	107	56714	22.83	ng		96
34)	C470 2-Methylnaphthalene	8.13	142	119586	21.81	ng		92
36)	C510 Hexachlorocyclopentad	8.34	237	30327	18.74	ng		99
37)	C515 2,4,6-Trichlorophenol	8.53	196	34648	22.07	ng		94
38)	C520 2,4,5-Trichlorophenol	8.61	196	36892	21.91	ng		92
40)	C525 2-Chloronaphthalene	8.76	162	110296	22.03	ng		92
41)	C530 2-Nitroaniline	8.92	65	37386	23.30	ng		94
42)	C540 Acenaphthylene	9.28	152	172586	21.43	ng		99
43)	C535 Dimethylphthalate	9.16	163	129680	23.51	ng		99
44)	C542 2,6-Dinitrotoluene	9.23	165	25380	21.67	ng	#	64
45)	C550 Acenaphthene	9.51	153	112003	22.23	ng		96
46)	C545 3-Nitroaniline	9.46	138	27591	21.50	ng		91
47)	C555 2,4-Dinitrophenol	9.59	184	10636	14.71	ng		80
48)	C565 Dibenzofuran	9.73	168	155204	22.23	ng		100
49)	C570 2,4-Dinitrotoluene	9.74	165	35205	21.31	ng	#	1
50)	C560 4-Nitrophenol	9.82	109	24360	24.83	ng	#	63
51)	C590 Fluorene	10.15	166	125838	22.48	ng		99
52)	C585 4-Chlorophenyl-phenyl	10.17	204	65463	23.68	ng		85
53)	C580 Diethylphthalate	10.06	149	137129	25.13	ng		98
54)	C620 1,2 diphenylhydrazine	10.36	77	165714	25.40	ng		96
55)	C595 4-Nitroaniline	10.22	138	27735	20.32	ng	#	59
57)	C610 4,6-Dinitro-2-methylp	10.24	198	19889	19.84	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	89875	21.94	ng		97
60)	C625 4-Bromophenyl-phenyle	10.73	248	39119	23.34	ng	#	82
61)	C630 Hexachlorobenzene	10.78	284	40224	23.13	ng		95
62)	C635 Pentachlorophenol	11.03	266	13190	13.63	ng		98
63)	C640 Phenanthrene	11.23	178	206258	22.27	ng		98
64)	C645 Anthracene	11.29	178	201380	21.70	ng		97
65)	C647 carbazole	11.47	167	180938	21.24	ng		96
66)	C650 Di-n-butylphthalate	11.83	149	226055	25.04	ng		96
67)	C655 Fluoranthene	12.41	202	234222	23.12	ng		98
69)	C715 Pyrene	12.62	202	249804	21.82	ng		94
70)	C710 benzidine	12.55	184	114604	24.75	ng		99
72)	C720 Butylbenzylphthalate	13.20	149	120862	25.73	ng		94
73)	C725 3,3'-Dichlorobenzidin	13.66	252	85323	20.42	ng		99
74)	C730 Benzo[a]anthracene	13.68	228	245786	21.04	ng		98
75)	C735 Chrysene	13.71	228	257757	21.48	ng		99
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	177697	25.91	ng		96
77)	C760 Di-n-octylphthalate	14.21	149	287035	23.84	ng		98
79)	C765 Benzo[b]fluoranthene	14.57	252	271679	19.31	ng		98
80)	C770 Benzo[k]fluoranthene	14.59	252	295906	20.86	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30611.D Vial: 3
Acq On : 22 Sep 2008 9:38 Operator: MD
Sample : SSTD020 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:00:56 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:00:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

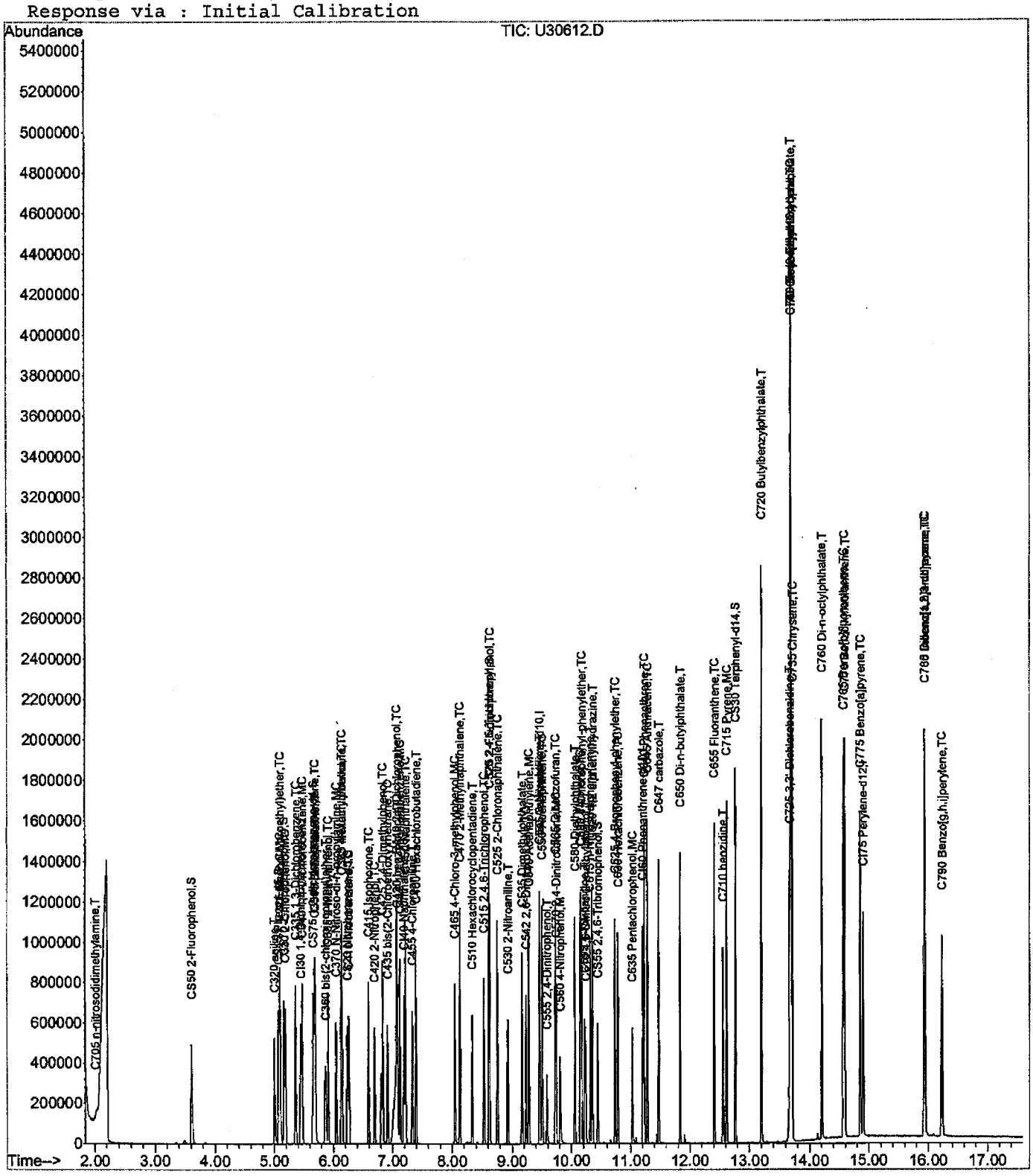
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.85	252	240014	19.02	ng	95
82)	C780 Indeno[1,2,3-cd]pyren	15.93	276	252132	17.67	ng	86
83)	C785 Dibenz[a,h]anthracene	15.94	278	222805	17.82	ng	95
84)	C790 Benzo[g,h,i]perylene	16.22	276	204966	17.46	ng	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30612.D Vial: 4
Acq On : 22 Sep 2008 10:09 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:01 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:01:37 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30612.D
Acq On : 22 Sep 2008 10:09
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 22 15:01:41 2008

Vial: 4
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:01:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\080508\U29615.D (5 Aug 2008 11:02)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	91107	40.00	ng	0.00 50.90%
20) CI40 Naphthalene-d8	7.19	136	338910	40.00	ng	0.00 48.20%
35) CI50 Acenaphthene-d10	9.47	164	169060	40.00	ng	0.00 43.27%
56) CI60 Phenanthrene-d10	11.21	188	355178	40.00	ng	0.00 43.09%
68) CI70 Chrysene-d12	13.69	240	435185	40.00	ng	0.00 47.28%
78) CI75 Perylene-d12	14.90	264	440327	40.00	ng	0.00 53.45%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	168486	50.82	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.88%			
5) CS45 Phenol-d5	5.07	99	204139	50.88	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 33.92%			
6) CS70 2-chlorophenol-d4	5.16	132	167591	49.99	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.33%			
12) CS75 1,2-dichlorobenzene-d	5.66	152	103128	51.05	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.05%			
21) CS20 Nitrobenzene-d5	6.24	82	198608	56.42	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 56.42%			
39) CS25 2-Fluorobiphenyl	8.62	172	320818	52.64	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 52.64%			
59) CS55 2,4,6-Tribromophenol	10.45	330	46960	56.73	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 37.82%			
71) CS30 Terphenyl-d14	12.77	244	495466	56.03	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 56.03%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.00	74	826	0.43	ng	# 44
4) C325 bis(2-Chloroethyl)eth	5.10	93	171046	50.39	ng	97
7) C315 Phenol	5.09	94	218749	48.14	ng	86
8) C330 2-Chlorophenol	5.18	128	169773	49.99	ng	94
9) C320 aniline	5.00	93	251021	50.33	ng	83
10) C335 1,3-Dichlorobenzene	5.36	146	187214	48.78	ng	98
11) C340 1,4-Dichlorobenzene	5.47	146	191144	49.12	ng	97
13) C350 1,2-Dichlorobenzene	5.68	146	178266	49.14	ng	98
14) C345 Benzyl alcohol	5.69	108	110533	55.24	ng	# 79
15) C360 bis(2-chloroisopropyl	5.86	45	224239	47.19	ng	87
16) C355 2-Methylphenol	5.91	108	142856	49.82	ng	92
17) C375 Hexachloroethane	6.15	117	75885	52.50	ng	93
18) C370 N-Nitroso-di-n-propyl	6.04	70	126862	52.77	ng	96
19) C365 4-Methylphenol	6.14	108	149426	48.98	ng	95
22) C410 Nitrobenzene	6.26	77	207427	55.23	ng	97
23) C415 Isophorone	6.59	82	340617	55.42	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30612.D Vial: 4
Acq On : 22 Sep 2008 10:09 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:01:41 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:01:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.08	122	287230	157.30	ng		95
25)	C420 2-Nitrophenol	6.70	139	84342	53.77	ng		88
26)	C425 2,4-Dimethylphenol	6.83	107	179207	54.01	ng		92
27)	C435 bis(2-Chloroethoxy)me	6.92	93	188123	52.52	ng		99
28)	C440 2,4-Dichlorophenol	7.07	162	128562	50.90	ng		97
29)	C445 1,2,4-Trichlorobenzen	7.12	180	145508	50.67	ng		96
30)	C450 Naphthalene	7.22	128	465076	50.54	ng		96
31)	C455 4-Chloroaniline	7.33	127	177656	49.53	ng		99
32)	C460 Hexachlorobutadiene	7.40	225	93994	55.54	ng		96
33)	C465 4-Chloro-3-methylphen	8.05	107	145464	54.48	ng		99
34)	C470 2-Methylnaphthalene	8.13	142	296497	51.30	ng		90
36)	C510 Hexachlorocyclopentad	8.34	237	90430	54.41	ng		98
37)	C515 2,4,6-Trichlorophenol	8.53	196	88391	53.42	ng		93
38)	C520 2,4,5-Trichlorophenol	8.62	196	93547	52.90	ng		99
40)	C525 2-Chloronaphthalene	8.76	162	274012	52.20	ng		94
41)	C530 2-Nitroaniline	8.93	65	104791	60.48	ng		95
42)	C540 Acenaphthylene	9.29	152	440531	52.22	ng		97
43)	C535 Dimethylphthalate	9.17	163	325366	55.13	ng		100
44)	C542 2,6-Dinitrotoluene	9.24	165	68768	55.28	ng	#	78
45)	C550 Acenaphthene	9.51	153	278992	52.77	ng		97
46)	C545 3-Nitroaniline	9.46	138	73378	53.69	ng		92
47)	C555 2,4-Dinitrophenol	9.59	184	39190	52.71	ng		92
48)	C565 Dibenzofuran	9.73	168	385535	52.81	ng		99
49)	C570 2,4-Dinitrotoluene	9.75	165	99761	57.45	ng	#	1
50)	C560 4-Nitrophenol	9.81	109	72527	66.88	ng	#	57
51)	C590 Fluorene	10.15	166	314855	53.66	ng		98
52)	C585 4-Chlorophenyl-phenyl	10.17	204	158360	54.14	ng		87
53)	C580 Diethylphthalate	10.06	149	351223	59.08	ng		99
54)	C620 1,2 diphenylhydrazine	10.36	77	421930	59.50	ng		96
55)	C595 4-Nitroaniline	10.22	138	79857	54.92	ng	#	64
57)	C610 4,6-Dinitro-2-methylp	10.24	198	57793	54.00	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	225351	51.99	ng		96
60)	C625 4-Bromophenyl-phenyle	10.74	248	96200	53.63	ng		91
61)	C630 Hexachlorobenzene	10.78	284	98268	52.91	ng		83
62)	C635 Pentachlorophenol	11.03	266	46812	47.91	ng		96
63)	C640 Phenanthrene	11.23	178	506384	51.62	ng		98
64)	C645 Anthracene	11.29	178	524567	53.39	ng		99
65)	C647 carbazole	11.48	167	468679	52.13	ng		97
66)	C650 Di-n-butylphthalate	11.84	149	606778	61.08	ng		97
67)	C655 Fluoranthene	12.41	202	584020	54.08	ng		95
69)	C715 Pyrene	12.62	202	615044	52.89	ng		93
70)	C710 benzidine	12.55	184	297428	61.20	ng		100
72)	C720 Butylbenzylphthalate	13.20	149	321113	63.93	ng		88
73)	C725 3,3'-Dichlorobenzidin	13.67	252	227176	53.30	ng		98
74)	C730 Benzo[a]anthracene	13.68	228	610544	51.64	ng		96
75)	C735 Chrysene	13.72	228	616909	50.27	ng		95
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	486325	66.36	ng		93
77)	C760 Di-n-octylphthalate	14.21	149	809160	63.22	ng		99
79)	C765 Benzo[b]fluoranthene	14.57	252	702800	48.01	ng		97
80)	C770 Benzo[k]fluoranthene	14.59	252	699395	47.07	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30612.D Vial: 4
Acq On : 22 Sep 2008 10:09 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:01:41 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:01:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

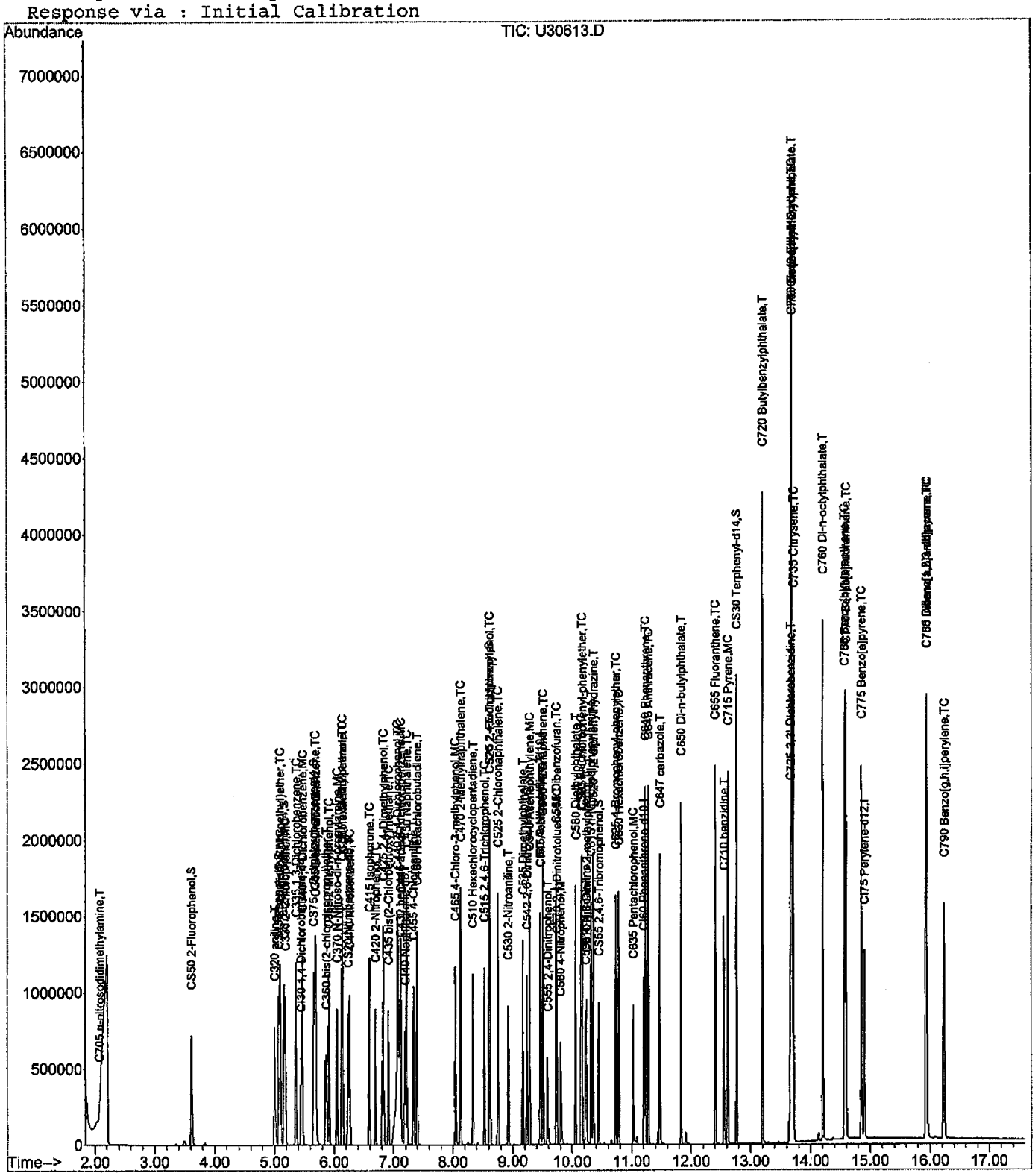
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.85	252	624430	47.78	ng	95
82)	C780 Indeno[1,2,3-cd]pyren	15.94	276	661547	45.51	ng	89
83)	C785 Dibenz[a,h]anthracene	15.94	278	587770	46.18	ng	94
84)	C790 Benzo[g,h,i]perylene	16.23	276	540099	45.16	ng	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30613.D Vial: 5
Acq On : 22 Sep 2008 10:32 Operator: MD
Sample : SSTD080 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:03 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:12 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30613.D
Acq On : 22 Sep 2008 10:32
Sample : SSTD080
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 22 15:03:18 2008

Vial: 5
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:12 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092208\U30612.D (22 Sep 2008 10:09)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	89496	40.00	ng	0.00 98.23%
20) CI40 Naphthalene-d8	7.19	136	339605	40.00	ng	0.00 100.21%
35) CI50 Acenaphthene-d10	9.46	164	162651	40.00	ng	0.00 96.21%
56) CI60 Phenanthrene-d10	11.21	188	352886	40.00	ng	0.00 99.35%
68) CI70 Chrysene-d12	13.69	240	430882	40.00	ng	0.00 99.01%
78) CI75 Perylene-d12	14.90	264	450375	40.00	ng	0.00 102.28%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	252827	77.97	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 51.98%			
5) CS45 Phenol-d5	5.07	99	305725	78.08	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 52.05%			
6) CS70 2-chlorophenol-d4	5.16	132	252715	77.33	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 51.55%			
12) CS75 1,2-dichlorobenzene-d	5.66	152	156568	79.14	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 79.14%			
21) CS20 Nitrobenzene-d5	6.24	82	308191	85.50	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 85.50%			
39) CS25 2-Fluorobiphenyl	8.62	172	480592	81.32	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 81.32%			
59) CS55 2,4,6-Tribromophenol	10.45	330	75020	89.69	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 59.79%			
71) CS30 Terphenyl-d14	12.77	244	736397	82.79	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 82.79%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.07	74	964	0.63	ng	97
4) C325 bis(2-Chloroethyl)eth	5.10	93	263267	79.32	ng	94
7) C315 Phenol	5.09	94	320918	73.14	ng	95
8) C330 2-Chlorophenol	5.18	128	253131	76.65	ng	98
9) C320 aniline	5.00	93	376186	76.88	ng	82
10) C335 1,3-Dichlorobenzene	5.36	146	283443	76.11	ng	99
11) C340 1,4-Dichlorobenzene	5.47	146	287052	76.06	ng	97
13) C350 1,2-Dichlorobenzene	5.68	146	266591	75.69	ng	96
14) C345 Benzyl alcohol	5.70	108	169416	85.78	ng	# 81
15) C360 bis(2-chloroisopropyl	5.86	45	345051	75.44	ng	89
16) C355 2-Methylphenol	5.91	108	216232	77.96	ng	92
17) C375 Hexachloroethane	6.15	117	119026	83.43	ng	94
18) C370 N-Nitroso-di-n-propyl	6.05	70	196174	83.23	ng	94
19) C365 4-Methylphenol	6.14	108	221573	75.17	ng	91
22) C410 Nitrobenzene	6.26	77	317807	83.07	ng	99
23) C415 Isophorone	6.59	82	515064	82.44	ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30613.D Vial: 5
Acq On : 22 Sep 2008 10:32 Operator: MD
Sample : SSTD080 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:03:18 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:12 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.11	122	454056	246.32	ng		93
25)	C420 2-Nitrophenol	6.70	139	131099	83.37	ng		88
26)	C425 2,4-Dimethylphenol	6.83	107	273038	80.86	ng		94
27)	C435 bis(2-Chloroethoxy)me	6.92	93	284648	78.89	ng		99
28)	C440 2,4-Dichlorophenol	7.07	162	192644	76.02	ng		99
29)	C445 1,2,4-Trichlorobenzen	7.12	180	225202	78.11	ng		97
30)	C450 Naphthalene	7.22	128	703790	76.30	ng		96
31)	C455 4-Chloroaniline	7.33	127	275507	77.10	ng		99
32)	C460 Hexachlorobutadiene	7.40	225	143472	82.86	ng		99
33)	C465 4-Chloro-3-methylphen	8.04	107	217655	80.48	ng		91
34)	C470 2-Methylnaphthalene	8.13	142	450392	78.09	ng		93
36)	C510 Hexachlorocyclopentad	8.34	237	146861	92.39	ng		98
37)	C515 2,4,6-Trichlorophenol	8.53	196	134140	83.82	ng		96
38)	C520 2,4,5-Trichlorophenol	8.61	196	143949	83.93	ng		99
40)	C525 2-Chloronaphthalene	8.76	162	411838	81.15	ng		93
41)	C530 2-Nitroaniline	8.92	65	158673	91.97	ng		94
42)	C540 Acenaphthylene	9.28	152	672860	82.62	ng		96
43)	C535 Dimethylphthalate	9.17	163	495337	85.46	ng		100
44)	C542 2,6-Dinitrotoluene	9.24	165	106031	87.93	ng	#	76
45)	C550 Acenaphthene	9.51	153	415625	80.90	ng		98
46)	C545 3-Nitroaniline	9.46	138	118845	90.01	ng		91
47)	C555 2,4-Dinitrophenol	9.59	184	65949	92.35	ng		88
48)	C565 Dibenzofuran	9.73	168	580710	81.83	ng		100
49)	C570 2,4-Dinitrotoluene	9.75	165	152650	89.96	ng	#	1
50)	C560 4-Nitrophenol	9.81	109	116607	104.45	ng	#	66
51)	C590 Fluorene	10.15	166	466767	81.70	ng		99
52)	C585 4-Chlorophenyl-phenyl	10.17	204	240829	84.29	ng		85
53)	C580 Diethylphthalate	10.06	149	535873	90.47	ng		100
54)	C620 1,2 diphenylhydrazine	10.36	77	640892	90.69	ng		96
55)	C595 4-Nitroaniline	10.23	138	120806	85.20	ng	#	65
57)	C610 4,6-Dinitro-2-methylp	10.24	198	93579	88.26	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	342110	79.35	ng		96
60)	C625 4-Bromophenyl-phenyle	10.74	248	146219	81.04	ng		95
61)	C630 Hexachlorobenzene	10.78	284	151590	81.39	ng		86
62)	C635 Pentachlorophenol	11.03	266	80713	86.70	ng		98
63)	C640 Phenanthrene	11.23	178	769969	78.72	ng		98
64)	C645 Anthracene	11.29	178	799015	81.30	ng		97
65)	C647 carbazole	11.48	167	697876	78.04	ng		97
66)	C650 Di-n-butylphthalate	11.83	149	928436	90.55	ng		95
67)	C655 Fluoranthene	12.41	202	864548	79.19	ng		99
69)	C715 Pyrene	12.62	202	919573	79.77	ng		91
70)	C710 benzidine	12.55	184	460261	91.37	ng		100
72)	C720 Butylbenzylphthalate	13.20	149	497269	96.37	ng		85
73)	C725 3,3'-Dichlorobenzidin	13.67	252	341377	81.33	ng		98
74)	C730 Benzo[a]anthracene	13.68	228	926927	79.58	ng		98
75)	C735 Chrysene	13.72	228	952388	78.85	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	758224	100.14	ng		93
77)	C760 Di-n-octylphthalate	14.21	149	1280597	98.26	ng		100
79)	C765 Benzo[b]fluoranthene	14.57	252	1078667	73.46	ng		97
80)	C770 Benzo[k]fluoranthene	14.60	252	1062148	71.11	ng		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30613.D Vial: 5
Acq On : 22 Sep 2008 10:32 Operator: MD
Sample : SSTD080 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:03:18 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:12 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

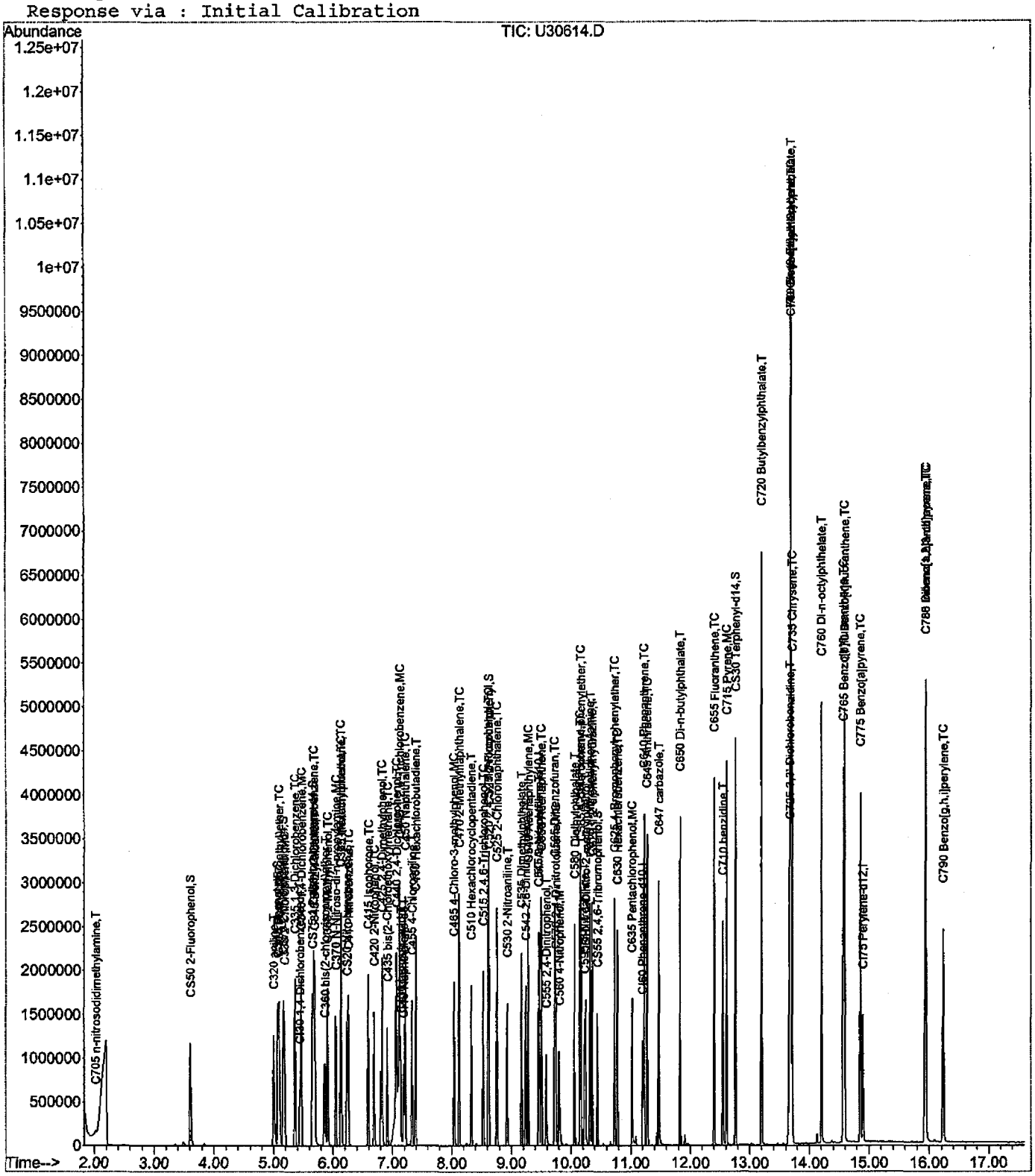
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81) C775 Benzo[a]pyrene	14.85	252	959232	73.42	ng	95
82) C780 Indeno[1,2,3-cd]pyren	15.94	276	1042436	72.25	ng	85
83) C785 Dibenz[a,h]anthracene	15.94	278	918512	72.66	ng	94
84) C790 Benzo[g,h,i]perylene	16.23	276	859679	72.32	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30614.D Vial: 6
Acq On : 22 Sep 2008 10:55 Operator: MD
Sample : SSTD120 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:04 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:59 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30614.D Vial: 6
Acq On : 22 Sep 2008 10:55 Operator: MD
Sample : SSTD120 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:04:04 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092208\U30612.D (22 Sep 2008 10:09)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	103464	40.00	ng	0.00 113.56%
20) CI40 Naphthalene-d8	7.19	136	403438	40.00	ng	0.00 119.04%
35) CI50 Acenaphthene-d10	9.47	164	193351	40.00	ng	0.00 114.37%
56) CI60 Phenanthrene-d10	11.20	188	416370	40.00	ng	0.00 117.23%
68) CI70 Chrysene-d12	13.69	240	537122	40.00	ng	0.00 123.42%
78) CI75 Perylene-d12	14.91	264	553634	40.00	ng	0.00 125.73%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	408513	109.99	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 73.33%			
5) CS45 Phenol-d5	5.07	99	484421	108.20	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 72.13%			
6) CS70 2-chlorophenol-d4	5.16	132	404929	108.30	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 72.20%			
12) CS75 1,2-dichlorobenzene-d	5.66	152	249383	109.34	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 109.34%			
21) CS20 Nitrobenzene-d5	6.24	82	509738	117.31	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 117.31%#			
39) CS25 2-Fluorobiphenyl	8.62	172	794119	112.02	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 112.02%			
59) CS55 2,4,6-Tribromophenol	10.45	330	120591	119.31	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 79.54%			
71) CS30 Terphenyl-d14	12.77	244	1196490	106.35	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 106.35%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.02	74	745	0.55	ng	82
4) C325 bis(2-Chloroethyl)eth	5.10	93	413183	107.30	ng	94
7) C315 Phenol	5.09	94	514730	104.27	ng	95
8) C330 2-Chlorophenol	5.18	128	411614	109.06	ng	98
9) C320 aniline	5.00	93	603881	107.79	ng	82
10) C335 1,3-Dichlorobenzene	5.36	146	455847	107.16	ng	99
11) C340 1,4-Dichlorobenzene	5.47	146	463803	107.66	ng	100
13) C350 1,2-Dichlorobenzene	5.68	146	434370	108.06	ng	97
14) C345 Benzyl alcohol	5.70	108	281382	122.81	ng	# 81
15) C360 bis(2-chloroisopropyl	5.87	45	556601	106.97	ng	87
16) C355 2-Methylphenol	5.91	108	352824	111.49	ng	94
17) C375 Hexachloroethane	6.15	117	194387	116.45	ng	89
18) C370 N-Nitroso-di-n-propyl	6.05	70	320488	117.58	ng	96
19) C365 4-Methylphenol	6.14	108	357946	107.25	ng	95
22) C410 Nitrobenzene	6.26	77	525440	114.77	ng	96
23) C415 Isophorone	6.59	82	849894	113.78	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30614.D Vial: 6
Acq On : 22 Sep 2008 10:55 Operator: MD
Sample : SSTD120 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:04:04 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.14	122	776774	355.35	ng		93
25)	C420 2-Nitrophenol	6.70	139	220039	118.52	ng		84
26)	C425 2,4-Dimethylphenol	6.83	107	453153	112.02	ng		91
27)	C435 bis(2-Chloroethoxy)me	6.92	93	461787	107.45	ng		100
28)	C440 2,4-Dichlorophenol	7.07	162	313275	105.08	ng		99
29)	C445 1,2,4-Trichlorobenzen	7.12	180	356564	104.35	ng		97
30)	C450 Naphthalene	7.22	128	1166379	107.45	ng		96
31)	C455 4-Chloroaniline	7.33	127	453717	108.30	ng		100
32)	C460 Hexachlorobutadiene	7.40	225	233315	111.18	ng		99
33)	C465 4-Chloro-3-methylphen	8.04	107	362785	112.93	ng		94
34)	C470 2-Methylnaphthalene	8.13	142	731808	107.24	ng		92
36)	C510 Hexachlorocyclopentad	8.34	237	256851	135.27	ng		97
37)	C515 2,4,6-Trichlorophenol	8.53	196	221075	114.88	ng		98
38)	C520 2,4,5-Trichlorophenol	8.61	196	235986	115.21	ng		100
40)	C525 2-Chloronaphthalene	8.76	162	677431	112.02	ng		93
41)	C530 2-Nitroaniline	8.93	65	273791	130.03	ng		92
42)	C540 Acenaphthylene	9.29	152	1101979	113.76	ng		98
43)	C535 Dimethylphthalate	9.17	163	821590	117.20	ng		100
44)	C542 2,6-Dinitrotoluene	9.24	165	178701	124.44	ng	#	76
45)	C550 Acenaphthene	9.51	153	692975	112.94	ng		96
46)	C545 3-Nitroaniline	9.46	138	200796	127.70	ng		96
47)	C555 2,4-Dinitrophenol	9.59	184	121209	143.17	ng		85
48)	C565 Dibenzofuran	9.73	168	946738	111.53	ng		97
49)	C570 2,4-Dinitrotoluene	9.75	165	253637	124.57	ng	#	1
50)	C560 4-Nitrophenol	9.81	109	197288	139.76	ng	#	62
51)	C590 Fluorene	10.16	166	774640	113.56	ng		97
52)	C585 4-Chlorophenyl-phenyl	10.17	204	400366	115.85	ng		90
53)	C580 Diethylphthalate	10.07	149	866741	119.04	ng		99
54)	C620 1,2 diphenylhydrazine	10.36	77	1064367	122.65	ng		96
55)	C595 4-Nitroaniline	10.23	138	203413	121.68	ng	#	61
57)	C610 4,6-Dinitro-2-methylp	10.25	198	160178	128.05	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	570827	112.61	ng		96
60)	C625 4-Bromophenyl-phenyle	10.73	248	235903	109.81	ng	#	85
61)	C630 Hexachlorobenzene	10.79	284	247221	111.76	ng		96
62)	C635 Pentachlorophenol	11.03	266	142195	133.13	ng		99
63)	C640 Phenanthrene	11.23	178	1246122	108.46	ng		97
64)	C645 Anthracene	11.29	178	1302295	112.56	ng		96
65)	C647 carbazole	11.48	167	1109071	106.57	ng		97
66)	C650 Di-n-butylphthalate	11.84	149	1558642	124.55	ng		97
67)	C655 Fluoranthene	12.41	202	1415226	110.07	ng		95
69)	C715 Pyrene	12.62	202	1494985	104.08	ng		93
70)	C710 benzidine	12.56	184	773105	120.19	ng		100
72)	C720 Butylbenzylphthalate	13.21	149	803494	119.62	ng		96
73)	C725 3,3'-Dichlorobenzidin	13.67	252	540823	104.75	ng		99
74)	C730 Benzo[a]anthracene	13.68	228	1510922	105.13	ng		97
75)	C735 Chrysene	13.72	228	1558298	104.40	ng		95
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	1301558	130.10	ng		91
77)	C760 Di-n-octylphthalate	14.21	149	2068746	121.37	ng		99
79)	C765 Benzo[b]fluoranthene	14.58	252	1869484	105.99	ng		97
80)	C770 Benzo[k]fluoranthene	14.60	252	1706741	96.16	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30614.D Vial: 6
Acq On : 22 Sep 2008 10:55 Operator: MD
Sample : SSTD120 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:04:04 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:03:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

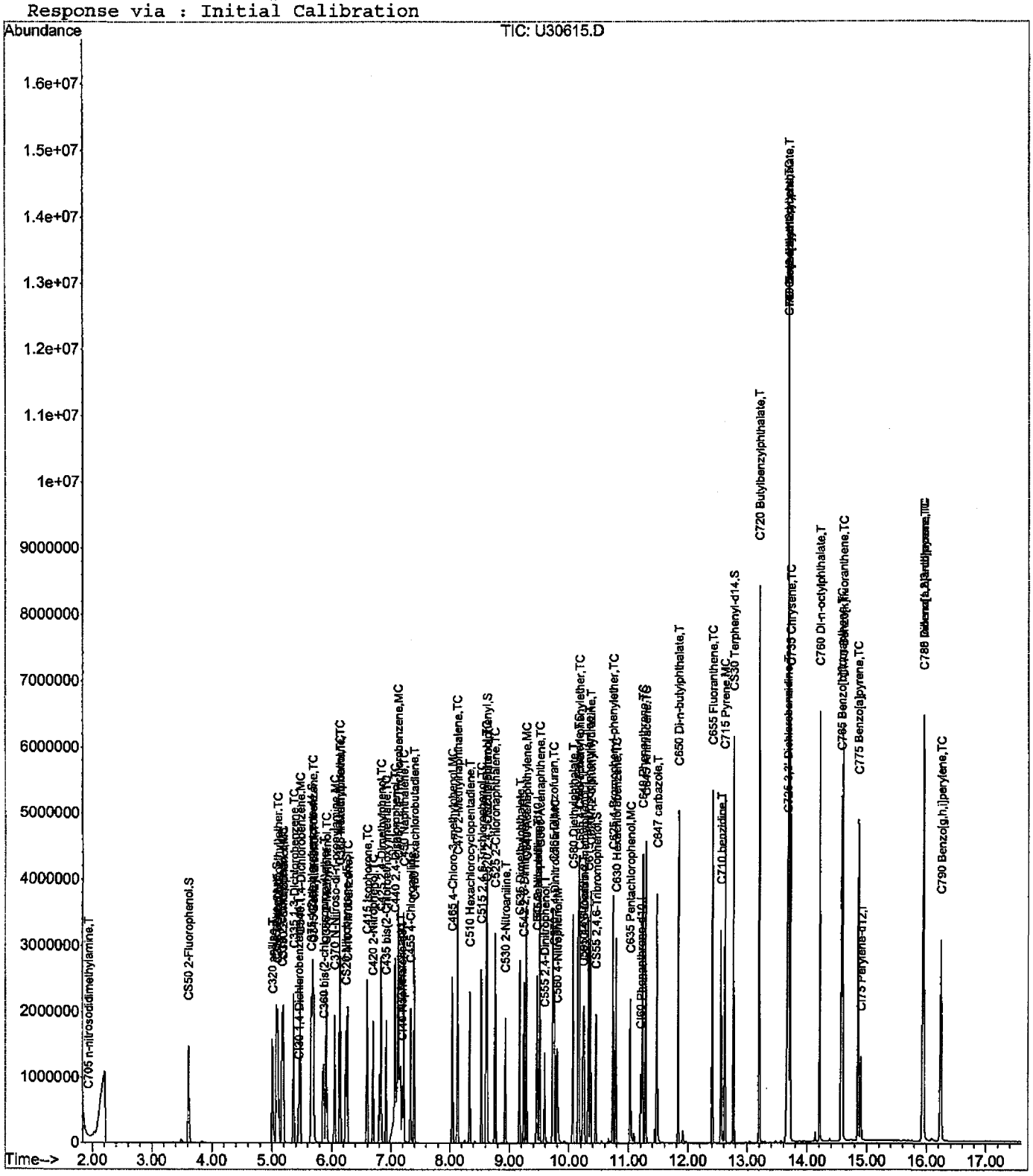
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.86	252	1619643	104.17	ng	95
82)	C780 Indeno[1,2,3-cd]pyren	15.95	276	1811707	105.38	ng	89
83)	C785 Dibenz[a,h]anthracene	15.95	278	1582573	104.95	ng	94
84)	C790 Benzo[g,h,i]perylene	16.24	276	1461125	103.54	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30615.D Vial: 7
Acq On : 22 Sep 2008 11:18 Operator: MD
Sample : SSTD160 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:05 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:05:33 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30615.D Vial: 7
Acq On : 22 Sep 2008 11:18 Operator: MD
Sample : SSTD160 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:05:39 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:05:33 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092208\U30612.D (22 Sep 2008 10:09)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	93120	40.00	ng	0.00 102.21%
20) CI40 Naphthalene-d8	7.19	136	362914	40.00	ng	0.00 107.08%
35) CI50 Acenaphthene-d10	9.46	164	176390	40.00	ng	0.00 104.34%
56) CI60 Phenanthrene-d10	11.21	188	384233	40.00	ng	0.00 108.18%
68) CI70 Chrysene-d12	13.69	240	498218	40.00	ng	0.00 114.48%
78) CI75 Perylene-d12	14.91	264	494413	40.00	ng	0.00 112.28%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.61	112	511823	154.19	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 102.79%			
5) CS45 Phenol-d5	5.07	99	613082	154.18	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 102.79%			
6) CS70 2-chlorophenol-d4	5.17	132	518341	155.50	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 103.67%			
12) CS75 1,2-dichlorobenzene-d	5.67	152	317206	155.11	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 155.11%#			
21) CS20 Nitrobenzene-d5	6.24	82	647837	163.30	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 163.30%#			
39) CS25 2-Fluorobiphenyl	8.62	172	1014780	155.84	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 155.84%#			
59) CS55 2,4,6-Tribromophenol	10.45	330	163340	173.41	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 115.61%			
71) CS30 Terphenyl-d14	12.77	244	1533711	145.69	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 145.69%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	1.93	74	835	0.97	ng	82
4) C325 bis(2-Chloroethyl)eth	5.10	93	532860	154.80	ng	97
7) C315 Phenol	5.09	94	649158	149.93	ng	96
8) C330 2-Chlorophenol	5.19	128	522525	155.75	ng	96
9) C320 aniline	5.00	93	768717	154.09	ng	82
10) C335 1,3-Dichlorobenzene	5.37	146	572553	151.36	ng	97
11) C340 1,4-Dichlorobenzene	5.47	146	591011	154.35	ng	97
13) C350 1,2-Dichlorobenzene	5.69	146	541528	151.45	ng	99
14) C345 Benzyl alcohol	5.70	108	356782	172.56	ng	# 75
15) C360 bis(2-chloroisopropyl	5.87	45	711382	155.40	ng	86
16) C355 2-Methylphenol	5.91	108	453993	161.58	ng	95
17) C375 Hexachloroethane	6.15	117	246962	163.62	ng	85
18) C370 N-Nitroso-di-n-propyl	6.06	70	413143	169.01	ng	95
19) C365 4-Methylphenol	6.14	108	461842	157.87	ng	93
22) C410 Nitrobenzene	6.27	77	668914	161.16	ng	99
23) C415 Isophorone	6.60	82	1090558	161.79	ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30615.D Vial: 7
Acq On : 22 Sep 2008 11:18 Operator: MD
Sample : SSTD160 Inst : HP5973U
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 22 15:05:39 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:05:33 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.17	122	1034545	527.49	ng		92
25)	C420 2-Nitrophenol	6.70	139	282655	169.95	ng		90
26)	C425 2,4-Dimethylphenol	6.84	107	584385	159.51	ng		94
27)	C435 bis(2-Chloroethoxy)me	6.92	93	591685	153.64	ng		99
28)	C440 2,4-Dichlorophenol	7.07	162	400174	150.16	ng		99
29)	C445 1,2,4-Trichlorobenzen	7.12	180	456228	149.52	ng		97
30)	C450 Naphthalene	7.22	128	1480123	152.70	ng		97
31)	C455 4-Chloroaniline	7.34	127	586961	157.17	ng		100
32)	C460 Hexachlorobutadiene	7.40	225	297528	155.58	ng		99
33)	C465 4-Chloro-3-methylphen	8.04	107	468802	162.09	ng		97
34)	C470 2-Methylnaphthalene	8.13	142	922297	151.10	ng		92
36)	C510 Hexachlorocyclopentad	8.34	237	337165	192.87	ng		96
37)	C515 2,4,6-Trichlorophenol	8.53	196	290763	164.97	ng		96
38)	C520 2,4,5-Trichlorophenol	8.61	196	305222	162.91	ng		97
40)	C525 2-Chloronaphthalene	8.76	162	879449	158.78	ng		95
41)	C530 2-Nitroaniline	8.93	65	364628	185.42	ng		90
42)	C540 Acenaphthylene	9.29	152	1436754	162.69	ng		97
43)	C535 Dimethylphthalate	9.18	163	1058217	162.66	ng		100
44)	C542 2,6-Dinitrotoluene	9.24	165	234182	177.53	ng	#	70
45)	C550 Acenaphthene	9.51	153	894408	158.84	ng		95
46)	C545 3-Nitroaniline	9.47	138	263366	182.41	ng		95
47)	C555 2,4-Dinitrophenol	9.59	184	156365	202.69	ng		89
48)	C565 Dibenzofuran	9.74	168	1224973	157.46	ng		98
49)	C570 2,4-Dinitrotoluene	9.75	165	330777	176.37	ng	#	1
50)	C560 4-Nitrophenol	9.81	109	263784	195.19	ng	#	61
51)	C590 Fluorene	10.16	166	1003946	159.93	ng		98
52)	C585 4-Chlorophenyl-phenyl	10.17	204	515229	160.90	ng		86
53)	C580 Diethylphthalate	10.07	149	1131198	165.94	ng		99
54)	C620 1,2 diphenylhydrazine	10.36	77	1389286	170.93	ng		96
55)	C595 4-Nitroaniline	10.24	138	270674	177.60	ng	#	62
57)	C610 4,6-Dinitro-2-methylp	10.25	198	210411	182.02	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	731510	156.44	ng		94
60)	C625 4-Bromophenyl-phenyle	10.73	248	310660	155.97	ng	#	87
61)	C630 Hexachlorobenzene	10.79	284	323224	157.65	ng		91
62)	C635 Pentachlorophenol	11.03	266	182892	190.03	ng		96
63)	C640 Phenanthrene	11.24	178	1581497	149.22	ng		98
64)	C645 Anthracene	11.29	178	1659012	155.24	ng		98
65)	C647 carbazole	11.48	167	1396414	146.49	ng		95
66)	C650 Di-n-butylphthalate	11.84	149	2029552	170.90	ng		97
67)	C655 Fluoranthene	12.41	202	1813378	152.14	ng		98
69)	C715 Pyrene	12.62	202	1931064	145.42	ng		94
70)	C710 benzidine	12.56	184	1006350	164.58	ng		100
72)	C720 Butylbenzylphthalate	13.21	149	1032436	161.53	ng		95
73)	C725 3,3'-Dichlorobenzidin	13.67	252	710092	150.98	ng		97
74)	C730 Benzo[a]anthracene	13.69	228	2002377	152.07	ng		97
75)	C735 Chrysene	13.72	228	2020079	147.48	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	1696583	174.61	ng		92
77)	C760 Di-n-octylphthalate	14.21	149	2649702	164.46	ng		100
79)	C765 Benzo[b]fluoranthene	14.58	252	2285951	147.65	ng		97
80)	C770 Benzo[k]fluoranthene	14.60	252	2300387	150.03	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30615.D
Acq On : 22 Sep 2008 11:18
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 22 15:05:39 2008

Vial: 7
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:05:33 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

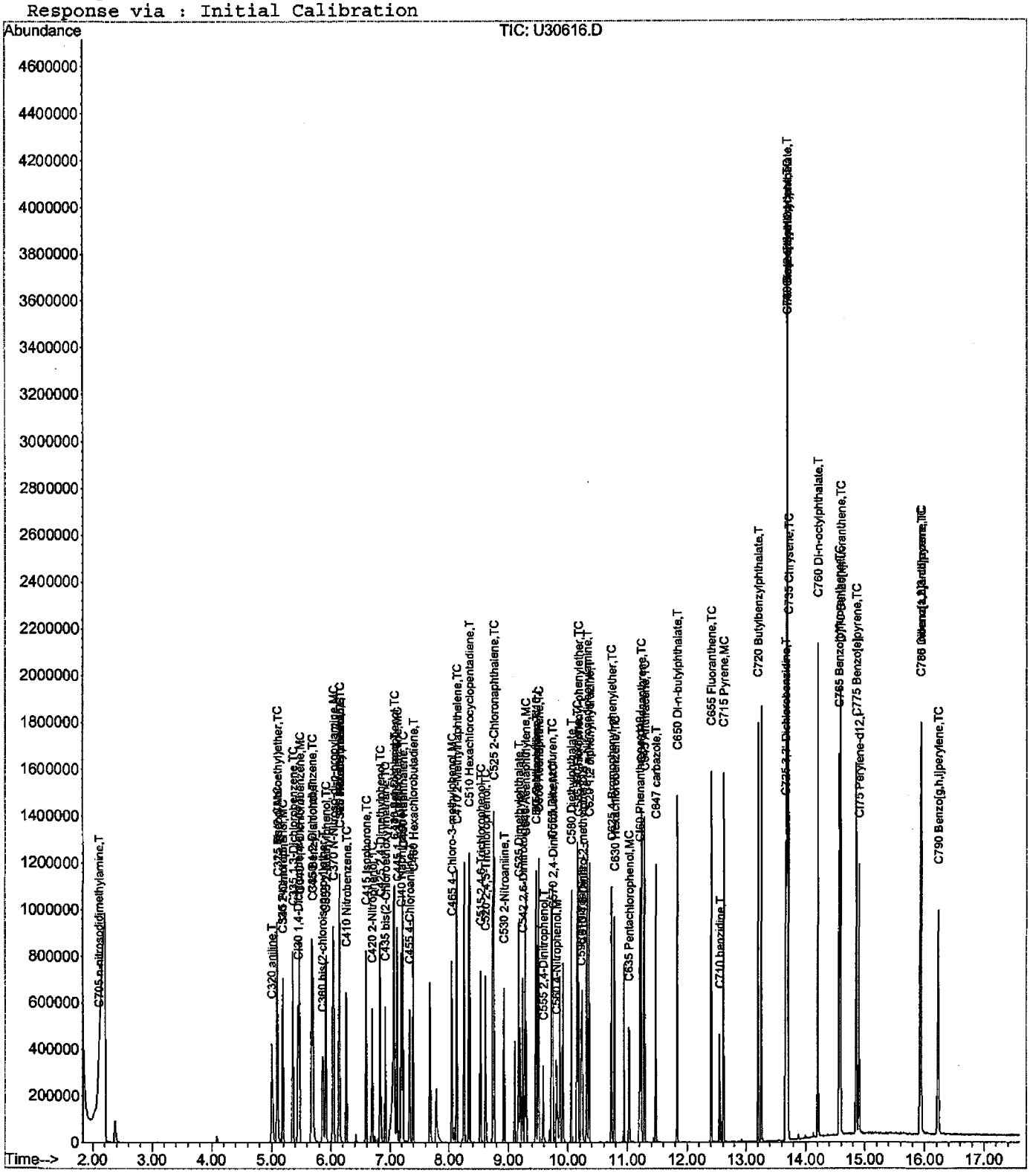
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.86	252	2092854	155.20	ng	94
82)	C780 Indeno[1,2,3-cd]pyren	15.95	276	2386102	160.53	ng	92
83)	C785 Dibenz[a,h]anthracene	15.96	278	2131339	163.13	ng	93
84)	C790 Benzo[g,h,i]perylene	16.24	276	1926863	158.84	ng	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\U30616.D Vial: 8
Acq On : 22 Sep 2008 11:41 Operator: MD
Sample : CHECK050 Inst : HP5973U
Misc : 2NDSC (09/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 7:32 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:09:22 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092208\U30616.D Vial: 8
Acq On : 22 Sep 2008 11:41 Operator: MD
Sample : CHECK050 Inst : HP5973U
Misc : 2NDSC (09/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 07:32:58 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092208\U30612.D (22 Sep 2008 10:09)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.45	152	93188	40.00	ng	0.00 102.28%
20) CI40 Naphthalene-d8	7.19	136	360211	40.00	ng	0.00 106.29%
35) CI50 Acenaphthene-d10	9.46	164	181871	40.00	ng	0.00 107.58%
56) CI60 Phenanthrene-d10	11.21	188	364287	40.00	ng	0.00 102.56%
68) CI70 Chrysene-d12	13.69	240	388249	40.00	ng	0.00 89.21%
78) CI75 Perylene-d12	14.90	264	363598	40.00	ng	0.00 82.57%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount 150.000	Range 21 - 110		Recovery =	0.00%#		
5) CS45 Phenol-d5	5.19	99	13798	3.53	ng	0.12
Spiked Amount 150.000	Range 10 - 110		Recovery =	2.35%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.15	82	29744	7.53	ng	-0.10
Spiked Amount 100.000	Range 34 - 114		Recovery =	7.53%#		
39) CS25 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
Spiked Amount 100.000	Range 43 - 116		Recovery =	0.00%#		
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount 150.000	Range 10 - 123		Recovery =	0.00%#		
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng	
Spiked Amount 100.000	Range 33 - 141		Recovery =	0.00%#		
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.10	74	1468	3.27	ng	89
4) C325 bis(2-Chloroethyl)eth	5.10	93	177068	52.11	ng	93
7) C315 Phenol	5.09	94	218645	52.15	ng	88
8) C330 2-Chlorophenol	5.19	128	168834	51.27	ng	95
9) C320 aniline	5.00	93	231176	47.05	ng	82
10) C335 1,3-Dichlorobenzene	5.36	146	203834	55.13	ng	98
11) C340 1,4-Dichlorobenzene	5.47	146	204901	54.80	ng	95
13) C350 1,2-Dichlorobenzene	5.68	146	193174	55.19	ng	97
14) C345 Benzyl alcohol	5.70	108	106942	51.69	ng	87
15) C360 bis(2-chloroisopropyl	5.86	45	230171	51.92	ng	88
16) C355 2-Methylphenol	5.92	108	149049	53.99	ng	95
17) C375 Hexachloroethane	6.15	117	84283	56.17	ng	94
18) C370 N-Nitroso-di-n-propyl	6.04	70	127696	52.74	ng	96
19) C365 4-Methylphenol	6.14	108	152666	53.64	ng	93
22) C410 Nitrobenzene	6.26	77	217274	52.82	ng	97
23) C415 Isophorone	6.59	82	330208	49.70	ng	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30616.D
Acq On : 22 Sep 2008 11:41
Sample : CHECK050
Misc : 2NDSC (09/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 23 07:32:58 2008

Vial: 8
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.07	122	214889	112.02	ng		91
25)	C420 2-Nitrophenol	6.70	139	86988	50.81	ng		86
26)	C425 2,4-Dimethylphenol	6.83	107	174165	47.86	ng		96
27)	C435 bis(2-Chloroethoxy)me	6.92	93	186620	49.52	ng		99
28)	C440 2,4-Dichlorophenol	7.07	162	129087	49.56	ng		100
29)	C445 1,2,4-Trichlorobenzen	7.12	180	155190	52.12	ng		98
30)	C450 Naphthalene	7.22	128	492566	52.06	ng		97
31)	C455 4-Chloroaniline	7.33	127	164172	45.13	ng		98
32)	C460 Hexachlorobutadiene	7.40	225	99555	52.28	ng		99
33)	C465 4-Chloro-3-methylphen	8.05	107	144687	50.63	ng		94
34)	C470 2-Methylnaphthalene	8.13	142	317553	53.24	ng		92
36)	C510 Hexachlorocyclopentad	8.34	237	93147	47.33	ng		95
37)	C515 2,4,6-Trichlorophenol	8.53	196	88549	48.97	ng		97
38)	C520 2,4,5-Trichlorophenol	8.61	196	95184	50.01	ng		95
40)	C525 2-Chloronaphthalene	8.76	162	279944	49.43	ng		94
41)	C530 2-Nitroaniline	8.92	65	104690	47.86	ng		93
42)	C540 Acenaphthylene	9.28	152	446507	49.59	ng		98
43)	C535 Dimethylphthalate	9.17	163	326274	48.51	ng		100
44)	C542 2,6-Dinitrotoluene	9.24	165	74306	51.49	ng	#	79
45)	C550 Acenaphthene	9.51	153	279374	48.30	ng		96
46)	C545 3-Nitroaniline	9.46	138	68762	43.50	ng		98
47)	C555 2,4-Dinitrophenol	9.59	184	42093	49.03	ng		88
48)	C565 Dibenzofuran	9.73	168	383940	48.13	ng		99
49)	C570 2,4-Dinitrotoluene	9.75	165	97701	47.55	ng	#	1
50)	C560 4-Nitrophenol	9.81	109	64466	42.61	ng	#	69
51)	C590 Fluorene	10.15	166	303307	46.87	ng		95
52)	C585 4-Chlorophenyl-phenyl	10.17	204	157229	47.43	ng		86
53)	C580 Diethylphthalate	10.06	149	336348	47.32	ng		98
54)	C620 1,2 diphenylhydrazine	10.36	77	398355	46.85	ng		97
55)	C595 4-Nitroaniline	10.22	138	76023	46.27	ng	#	67
57)	C610 4,6-Dinitro-2-methylp	10.24	198	63510	54.55	ng		100
58)	C615 n-Nitrosodiphenylamin	10.32	169	265193	60.58	ng		97
60)	C625 4-Bromophenyl-phenyle	10.73	248	93147	49.58	ng	#	87
61)	C630 Hexachlorobenzene	10.78	284	97240	50.00	ng		92
62)	C635 Pentachlorophenol	11.03	266	46984	48.81	ng		95
63)	C640 Phenanthrene	11.23	178	495785	49.94	ng		98
64)	C645 Anthracene	11.29	178	484357	48.45	ng		96
65)	C647 carbazole	11.47	167	424179	48.08	ng		95
66)	C650 Di-n-butylphthalate	11.83	149	574406	50.37	ng		96
67)	C655 Fluoranthene	12.41	202	535686	47.72	ng		99
69)	C715 Pyrene	12.62	202	574487	56.57	ng		97
70)	C710 benzidine	12.55	184	142771	29.78	ng		100
72)	C720 Butylbenzylphthalate	13.20	149	293273	56.10	ng		92
73)	C725 3,3'-Dichlorobenzidin	13.66	252	206863	58.03	ng		98
74)	C730 Benzo[a]anthracene	13.68	228	575051	57.23	ng		96
75)	C735 Chrysene	13.71	228	606500	58.06	ng		96
76)	C740 bis(2-Ethylhexyl)phth	13.69	149	454548	55.38	ng		93
77)	C760 Di-n-octylphthalate	14.21	149	782958	59.01	ng		100
79)	C765 Benzo[b]fluoranthene	14.57	252	703456	64.16	ng		97
80)	C770 Benzo[k]fluoranthene	14.59	252	595793	53.97	ng		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092208\U30616.D
Acq On : 22 Sep 2008 11:41
Sample : CHECK050
Misc : 2NDSC (09/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 23 07:32:58 2008

Vial: 8
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 22 15:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.85	252	614895	64.35 ng	97
82)	C780 Indeno[1,2,3-cd]pyren	15.93	276	620329	59.19 ng	85
83)	C785 Dibenz[a,h]anthracene	15.94	278	521350	56.33 ng	94
84)	C790 Benzo[g,h,i]perylene	16.23	276	511296	60.00 ng	90

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000700-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973X Calibration Dates(s): 09/22/2008 09/22/2008

Calibration Times: 12:52 14:46

Lab File ID: RRF5 = X26658.RR RRF20 = X26659.RR RRF50 = X26660.RR
RRF80 = X26661.RR RRF120 = X26662.RR RRF160 = X26663.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.055	0.096	0.103	0.093	0.103	0.103	0.0920	20.100
Atrazine	0.152	0.198	0.205	0.224	0.231	0.235	0.2070	14.800
Acetophenone	1.693	1.886	1.969	2.017	2.101	2.082	1.9580	7.700
Biphenyl	1.608	1.831	1.779	1.795	1.928	1.890	1.8050	6.200
Benzaldehyde	1.184	1.362	1.358	1.376	1.478	1.461	1.3700	7.600

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\TCLADDS\
Method File : A8I0700.M
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:14:24 2008
Response Via : Initial Calibration

Calibration Files
5 =X26658.D 20 =X26659.D 50 =X26660.D
80 =X26661.D 120 =X26662.D 160 =X26663.D

			Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	ISTD							
2)	TC	E600	Benzaldehyde	1.184	1.362	1.358	1.376	1.478	1.461	1.370	7.65#
3)		E145	Acetophenone	1.693	1.885	1.969	2.017	2.101	2.082	1.958	7.75
4)	I	CI40	Naphthalene-d8	ISTD							
5)		E655	Caprolactam	0.055	0.096	0.103	0.093	0.103	0.103	-----	
								L	M= 0.104	R=0.998	
									B= -0.005		
6)		E195	1,2,4,5-Tetrac	0.301	0.338	0.330	0.331	0.336	0.331	0.328	4.10
7)	I	CI50	Acenaphthene-d8	ISTD							
8)		C811	1,1'-Biphenyl	1.608	1.831	1.779	1.795	1.928	1.890	1.805	6.20
9)		E230	2,3,4,6-Tetrac	0.146	0.215	0.259	0.299	0.331	0.337	-----	
								L	M= 0.351	R=0.995	
									B= -0.078		
10)	I	CI60	Phenanthrene-d10	ISTD							
11)		E510	Atrazine	0.152	0.198	0.205	0.224	0.231	0.235	0.207	14.80
12)	I	CI70	Chrysene-d12	ISTD							
13)	I	CI75	Perylene-d12	ISTD							

Total Average %RSD 8.10

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0700.M Tue Sep 23 09:17:22 2008

Date: 10/14/2008 ICC Profile Page: 1
Time: 18:58:58 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: MD
CCC Conc: 50.00 QC Date: 10/02/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-16ONG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-05	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-05	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-04	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-010	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-012	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-08	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter		ng On Column					
			Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

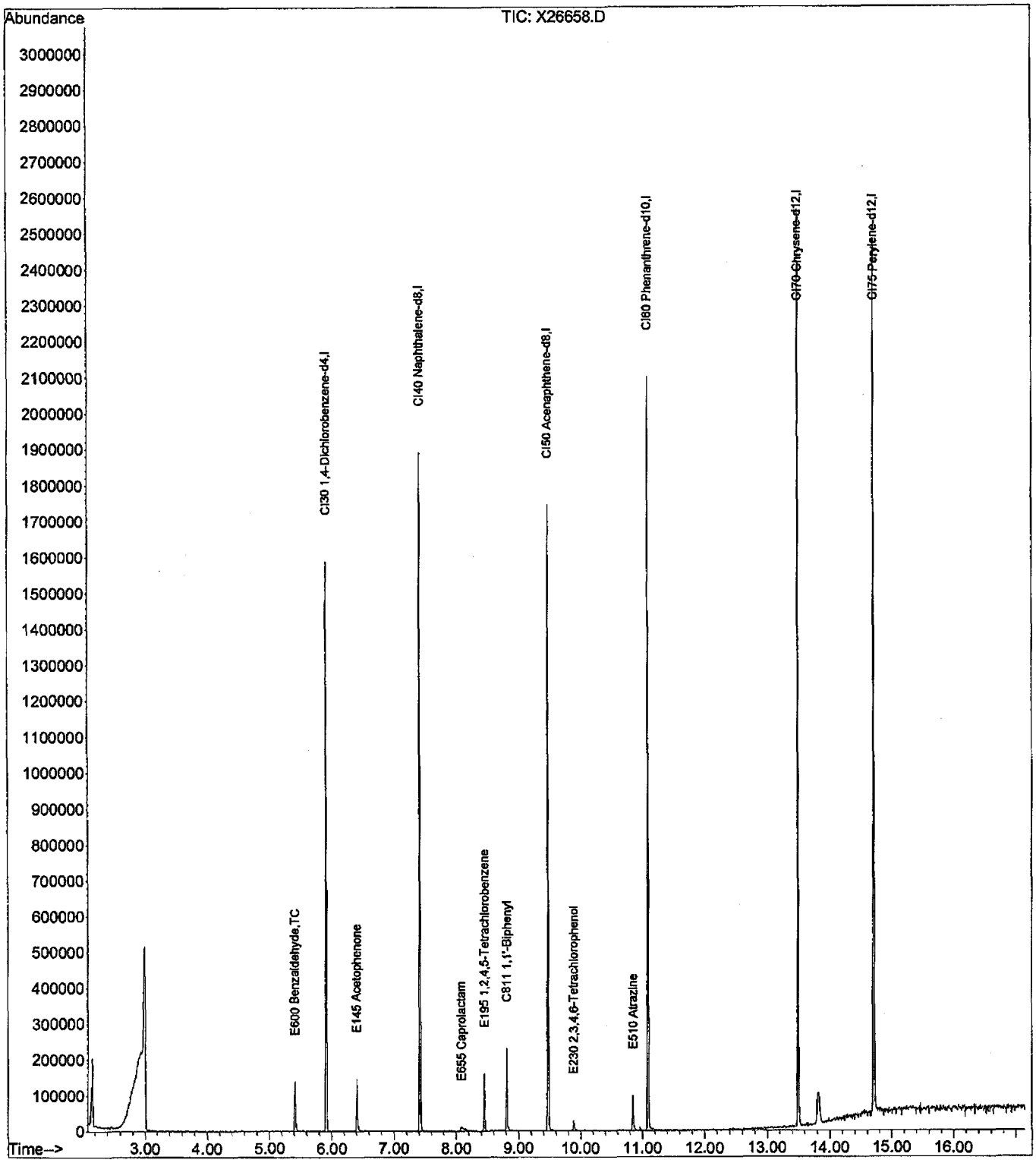
			ng On Column					
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092208\X26658.D
Acq On : 22 Sep 2008 12:52
Sample : SSTD005
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p

Vial: 9
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 09:11:05 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:10:21 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092208\X26658.D
Acq On : 22 Sep 2008 12:52
Sample : SSTD005
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:11:05 2008

Vial: 9
Operator: aj
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:10:21 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	226925	40.00	ng	-0.03 62.84%
4) CI40 Naphthalene-d8	7.42	136	853566	40.00	ng	-0.03 67.12%
7) CI50 Acenaphthene-d8	9.48	164	401355	40.00	ng	-0.02 74.79%
10) CI60 Phenanthrene-d10	11.09	188	771852	40.00	ng	-0.03 99.66%
12) CI70 Chrysene-d12	13.50	240	807044	40.00	ng	-0.03 97.80%
13) CI75 Perylene-d12	14.71	264	819930	40.00	ng	-0.03 71.69%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.41	77	33571	4.38	ng	92
3) E145 Acetophenone	6.41	105	48014	4.29	ng	85
5) E655 Caprolactam	8.08	113	5911m	2.73	ng	91
6) E195 1,2,4,5-Tetrachlorobe	8.46	216	32125	6.14	ng	99
8) C811 1,1'-Biphenyl	8.81	154	80682	4.66	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.89	232	7339m	3.45	ng	# 100
11) E510 Atrazine	10.86	200	14680	4.15	ng	92

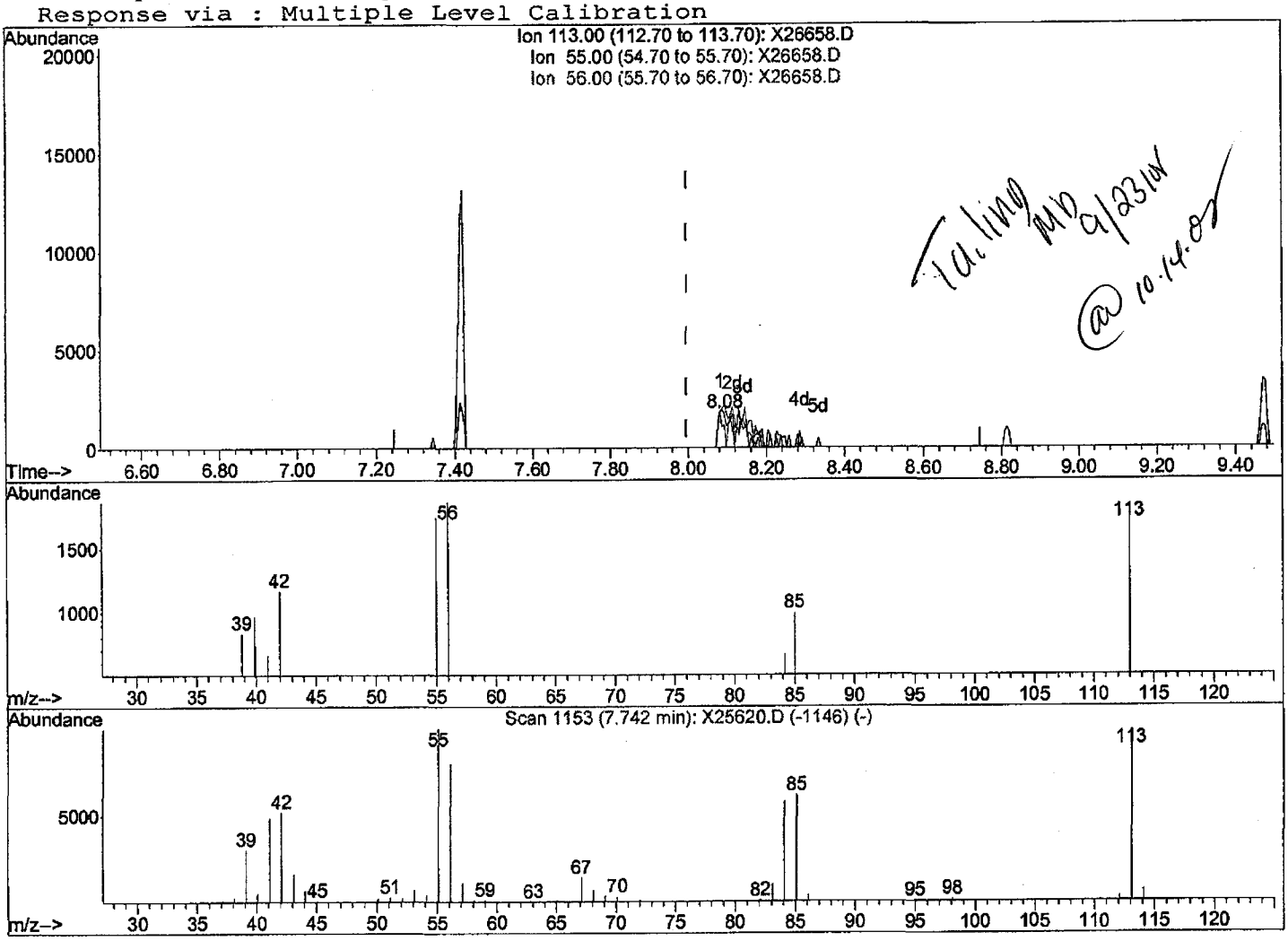
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\092208\X26658.D
Acq On : 22 Sep 2008 12:52
Sample : SSTD005
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:10:31 2008

Vial: 9
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:10:21 2008
Response via : Multiple Level Calibration



TIC: X26658.D

(5) E655 Caprolactam

8.08min (+0.085) 0.72ng

response 1560

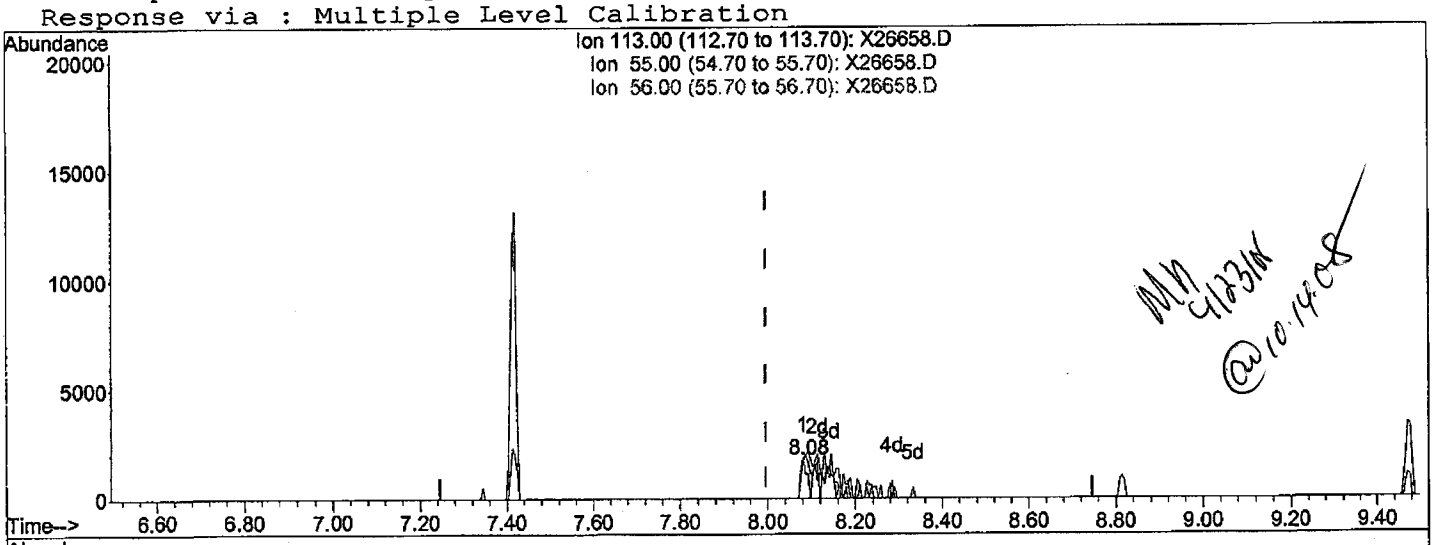
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	97.16
56.00	94.00	104.13
0.00	0.00	0.00

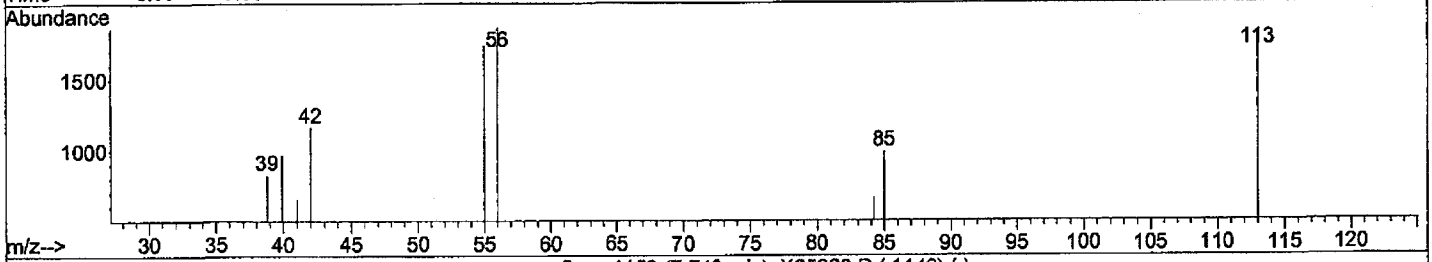
Quantitation Report (Qedit)

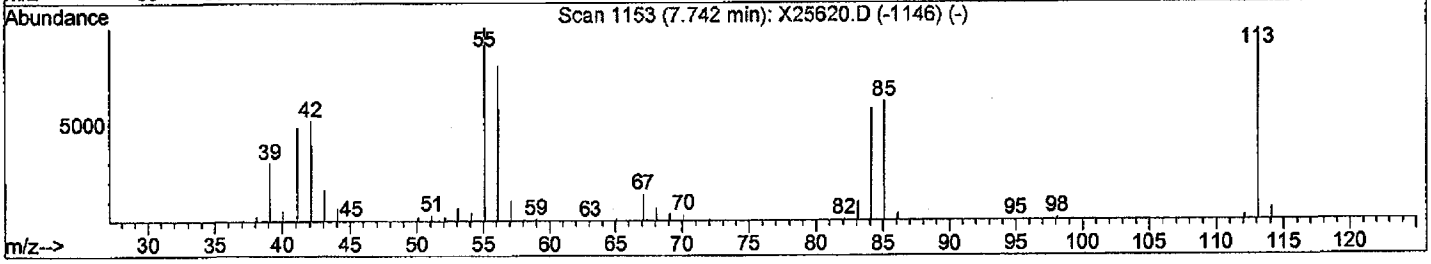
Data File : D:\DATA\092208\X26658.D
Acq On : 22 Sep 2008 12:52
Sample : SSTD005
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:10:31 2008

Vial: 9
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:10:21 2008
Response via : Multiple Level Calibration







TIC: X26658.D

(5) E655 Caprolactam

8.08min (+0.085) 2.73ng m

response 5911

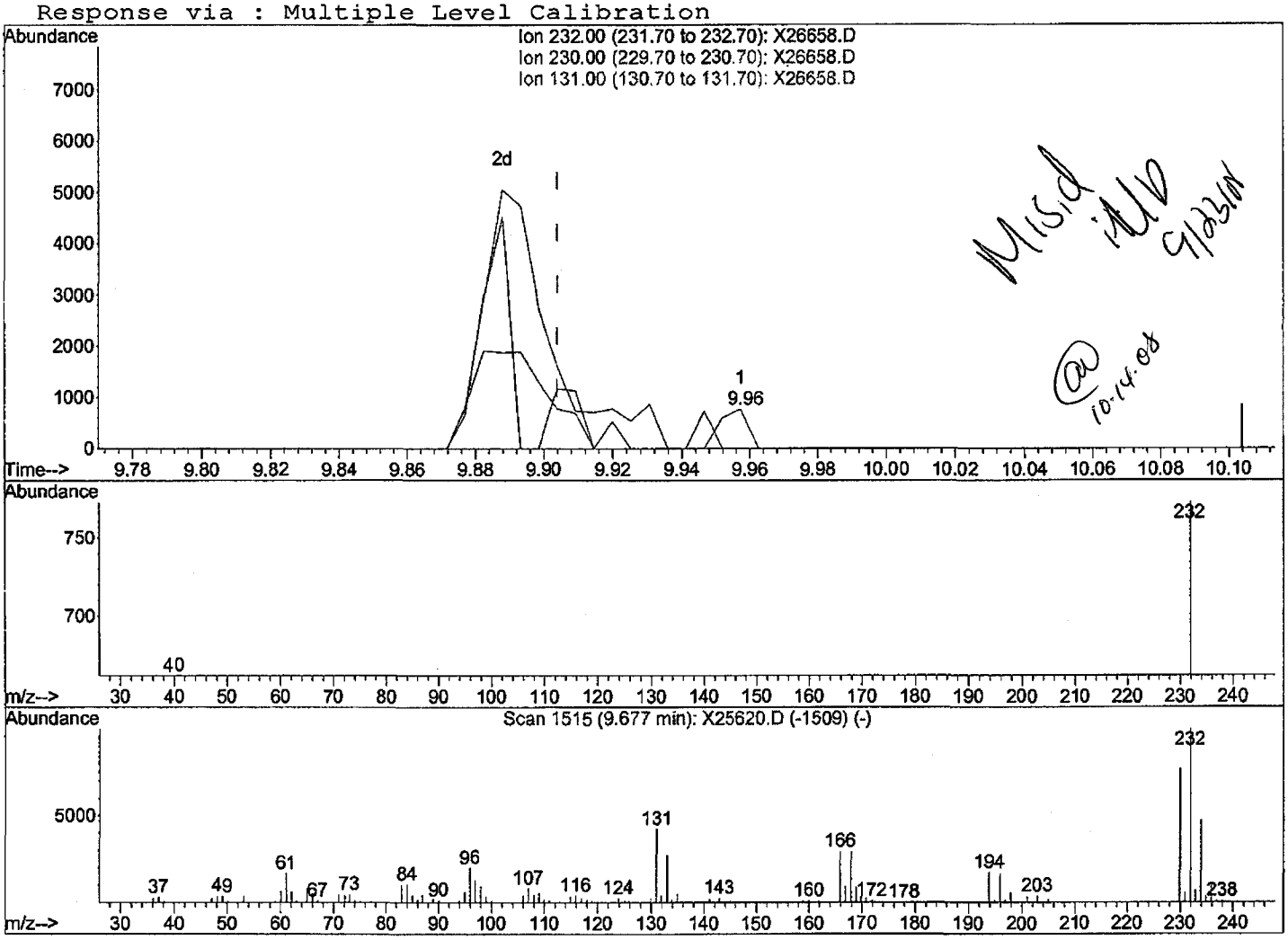
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	97.16
56.00	94.00	104.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\092208\X26658.D
Acq On : 22 Sep 2008 12:52
Sample : SSTD005
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:10:31 2008

Vial: 9
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:10:21 2008
Response via : Multiple Level Calibration



TIC: X26658.D

(9) E230 2,3,4,6-Tetrachlorophenol

9.96min (+0.053) 0.21ng

response 442

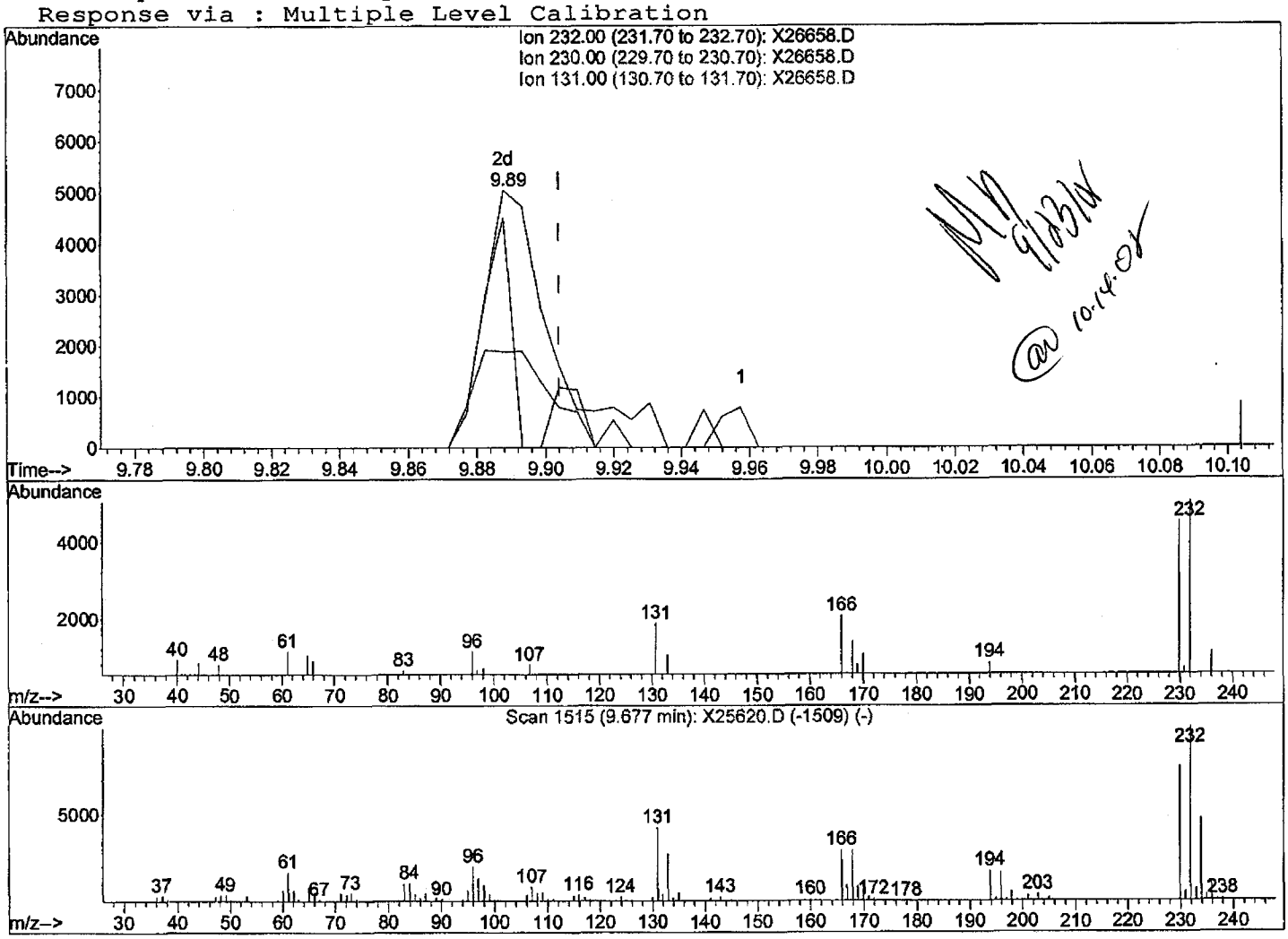
Ion	Exp%	Act%
232.00	100	100
230.00	0.00	0.00
131.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\092208\X26658.D
Acq On : 22 Sep 2008 12:52
Sample : SSTD005
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:10:31 2008

Vial: 9
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:10:21 2008
Response via : Multiple Level Calibration



TIC: X26658.D

(9) E230 2,3,4,6-Tetrachlorophenol

9.89min (-0.016) 3.45ng m

response 7339

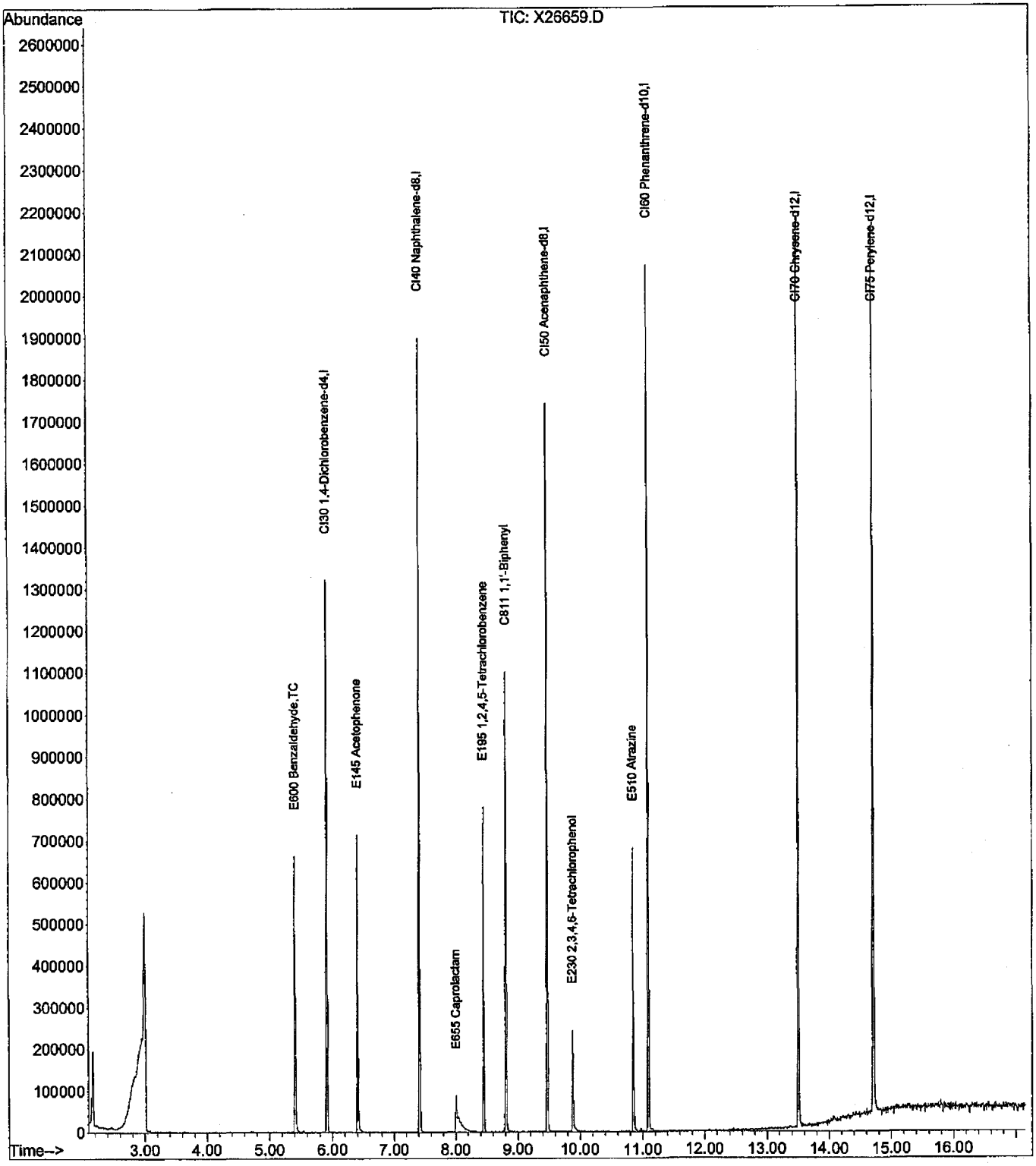
Ion	Exp%	Act%
232.00	100	100
230.00	0.00	89.43#
131.00	0.00	37.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092208\X26659.D
Acq On : 22 Sep 2008 13:15
Sample : SSTD020
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p

Vial: 10
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 09:12:07 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:11:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092208\X26659.D
Acq On : 22 Sep 2008 13:15
Sample : SSTD020
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:12:07 2008

Vial: 10
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:11:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	211954	40.00	ng		0.00 58.69%
4) CI40 Naphthalene-d8	7.41	136	802682	40.00	ng		0.00 63.12%
7) CI50 Acenaphthene-d8	9.47	164	372130	40.00	ng		0.00 69.35%
10) CI60 Phenanthrene-d10	11.09	188	734628	40.00	ng		0.00 94.85%
12) CI70 Chrysene-d12	13.50	240	735531	40.00	ng		0.00 89.13%
13) CI75 Perylene-d12	14.71	264	744466	40.00	ng		0.00 65.09%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.40	77	144302	20.49	ng		93
3) E145 Acetophenone	6.40	105	199818	19.46	ng		94
5) E655 Caprolactam	8.00	113	38577m	19.77	ng	#	61
6) E195 1,2,4,5-Tetrachlorobe	8.45	216	135526	26.47	ng		99
8) C811 1,1'-Biphenyl	8.81	154	340616	21.49	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.88	232	40061	20.68	ng	#	100
11) E510 Atrazine	10.84	200	72853	21.83	ng		94

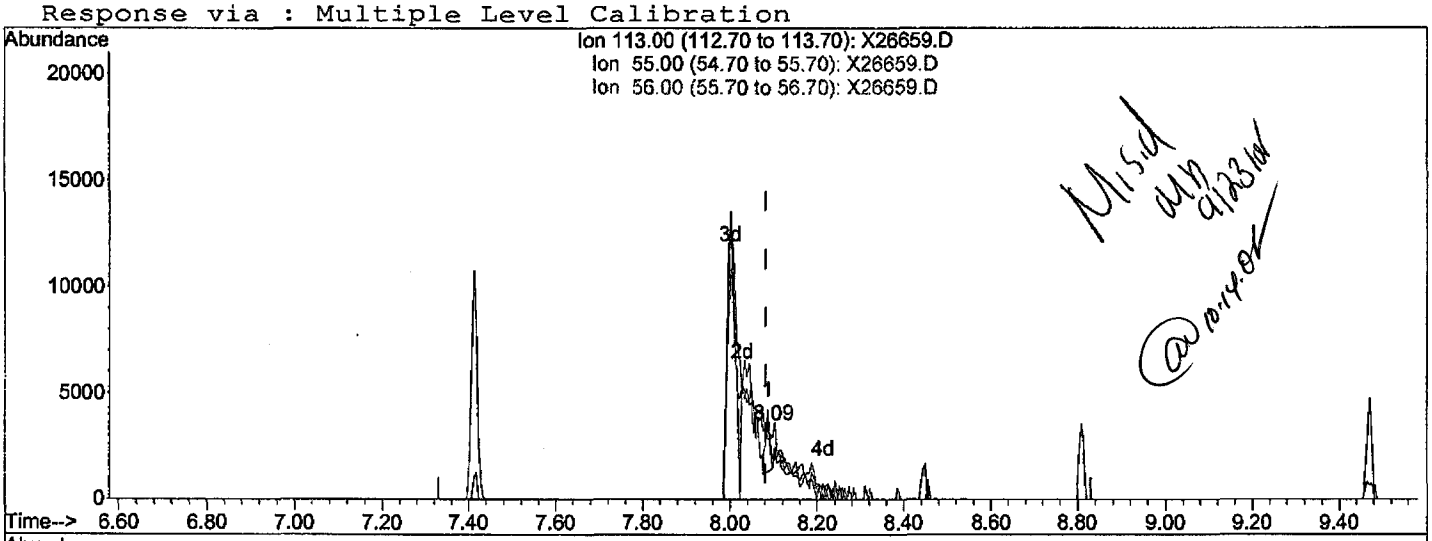
(#) = qualifier out of range (m) = manual integration (+) = signals summed

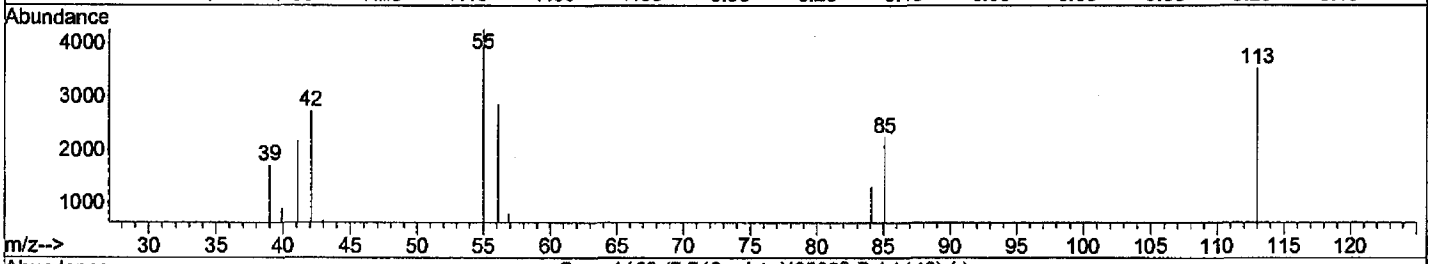
Quantitation Report (Qedit)

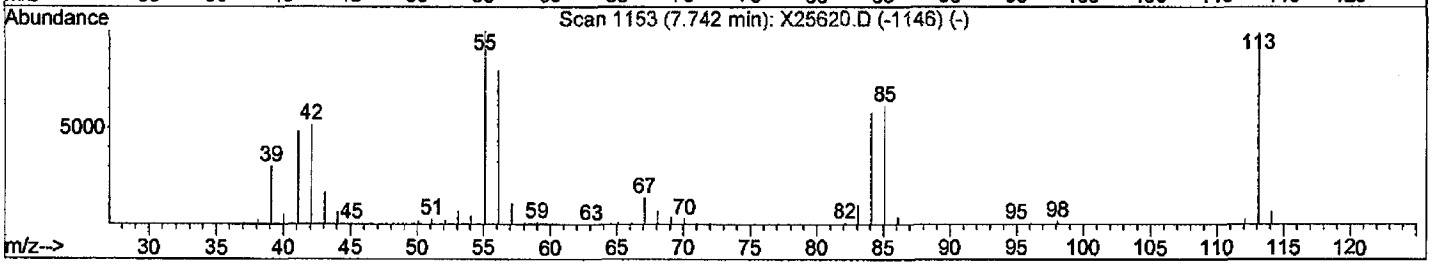
Data File : D:\DATA\092208\X26659.D
Acq On : 22 Sep 2008 13:15
Sample : SSTD020
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:11:54 2008

Vial: 10
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:11:35 2008
Response via : Multiple Level Calibration







TIC: X26659.D

(5) E655 Caprolactam

8.09min (+0.005) 0.76ng

response 1474

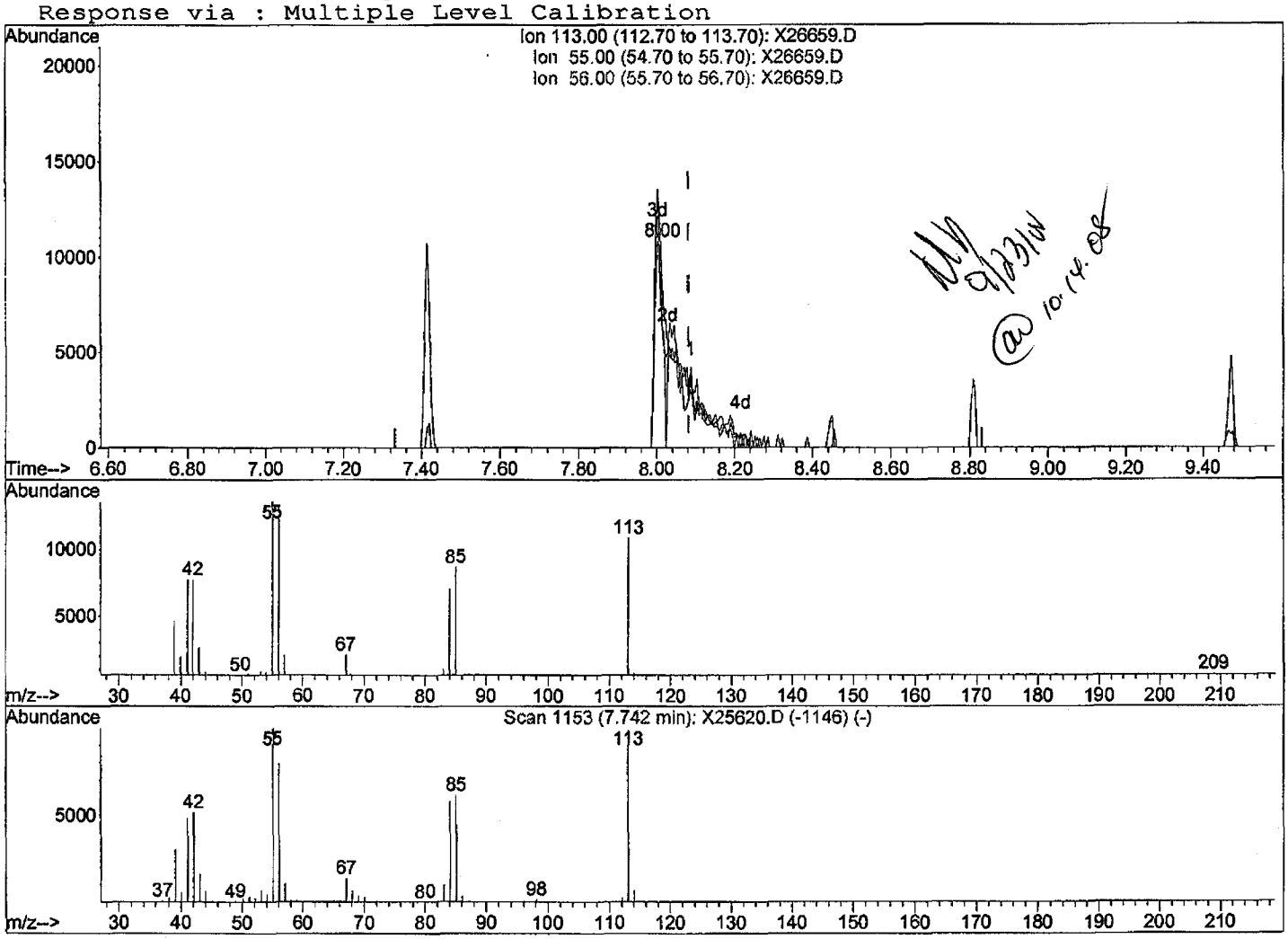
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	64.15#
56.00	94.00	45.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\092208\X26659.D
Acq On : 22 Sep 2008 13:15
Sample : SSTD020
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:11:54 2008

Vial: 10
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:11:35 2008
Response via : Multiple Level Calibration



TIC: X26659.D

(5) E655 Caprolactam

8.00min (-0.080) 19.77ng m

response 38577

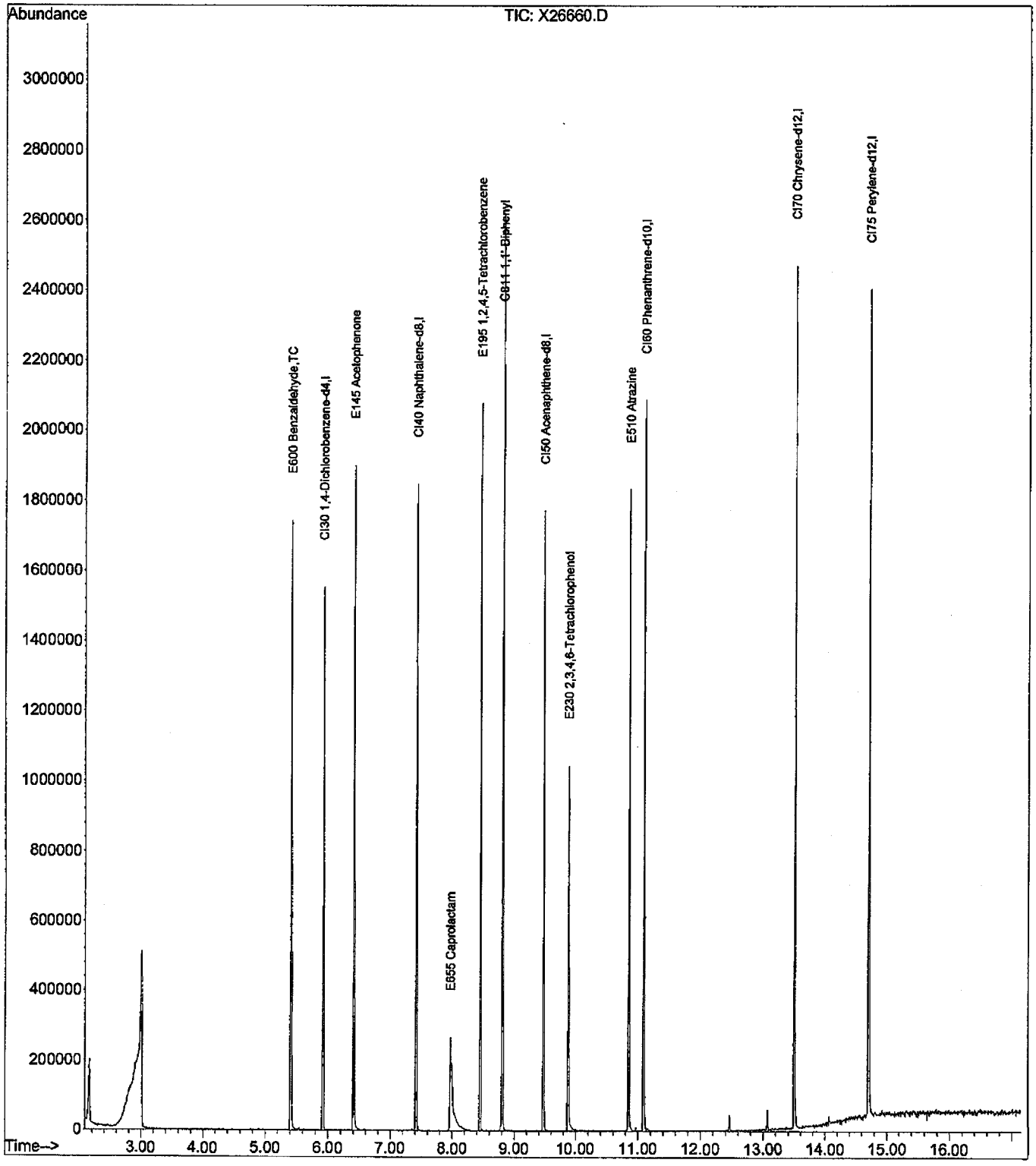
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	125.04#
56.00	94.00	121.30#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092208\X26660.D
Acq On : 22 Sep 2008 13:38
Sample : SSTD050
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p

Vial: 11
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 09:12:54 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:12:34 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092208\X26660.D Vial: 11
Acq On : 22 Sep 2008 13:38 Operator: aj
Sample : SSTD050 Inst : HP5973X
Misc : TCLADDS(8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 09:12:54 2008 Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:12:34 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\081308\X25692.D (13 Aug 2008 16:31)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	219953	40.00	ng		0.00 60.90%
4) CI40 Naphthalene-d8	7.42	136	830251	40.00	ng		0.00 65.28%
7) CI50 Acenaphthene-d8	9.47	164	397568	40.00	ng		0.00 74.09%
10) CI60 Phenanthrene-d10	11.09	188	783876	40.00	ng		0.00 101.21%
12) CI70 Chrysene-d12	13.50	240	792800	40.00	ng		0.00 96.07%
13) CI75 Perylene-d12	14.71	264	794516	40.00	ng		0.00 69.47%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.41	77	373337	51.51	ng		98
3) E145 Acetophenone	6.41	105	541245	51.81	ng		96
5) E655 Caprolactam	7.97	113	107059m	53.17	ng	#	49
6) E195 1,2,4,5-Tetrachlorobe	8.45	216	342818	61.99	ng		97
8) C811 1,1'-Biphenyl	8.81	154	884208	52.54	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.88	232	128553	61.95	ng	#	100
11) E510 Atrazine	10.85	200	200620	56.52	ng		93

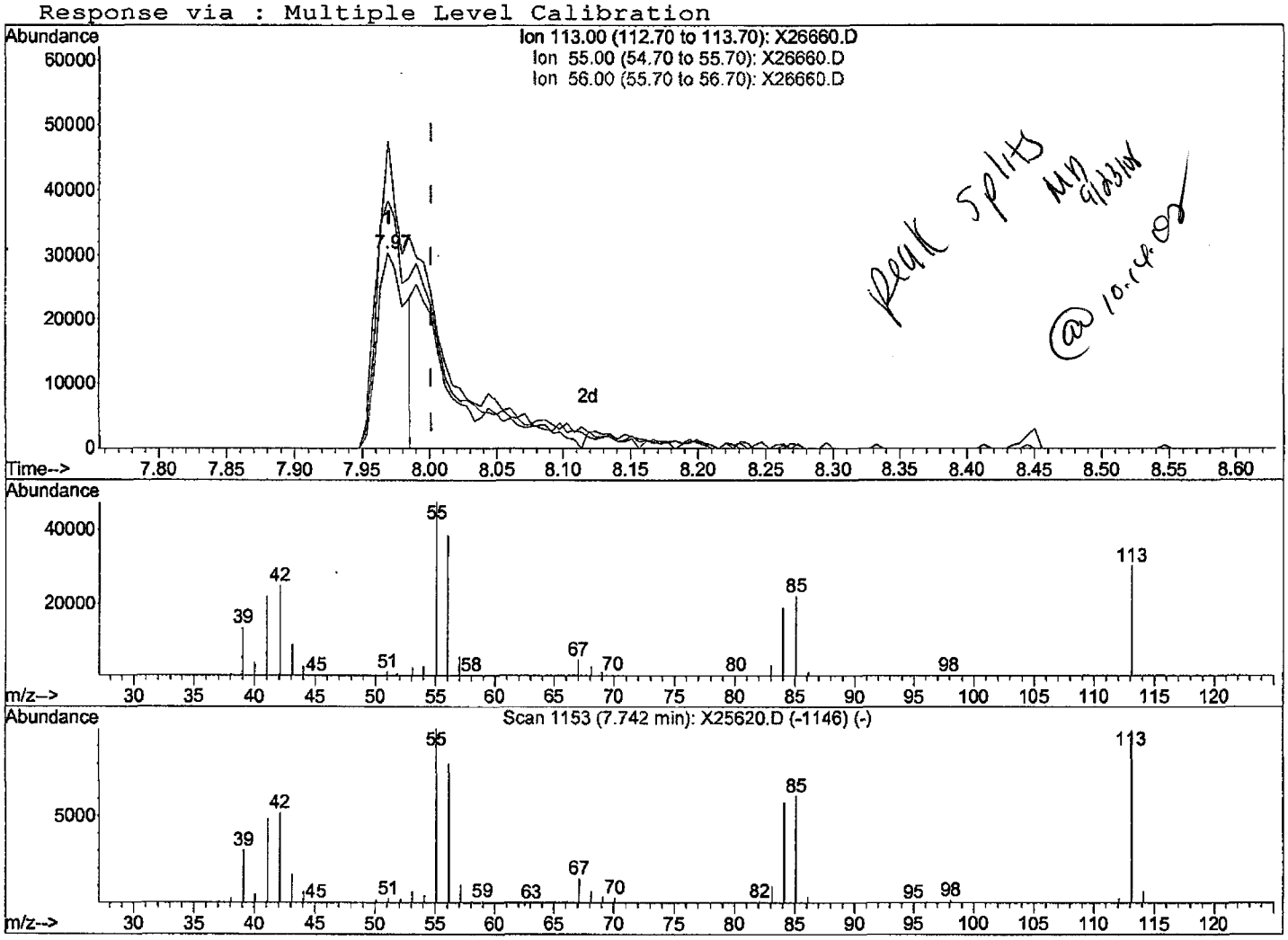
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\092208\X26660.D
Acq On : 22 Sep 2008 13:38
Sample : SSTD050
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:12:43 2008

Vial: 11
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:12:34 2008
Response via : Multiple Level Calibration



peak splits MP 9/23/08 @ 10:14 am

TIC: X26660.D

(5) E655 Caprolactam

7.97min (-0.032) 22.49ng

response 45284

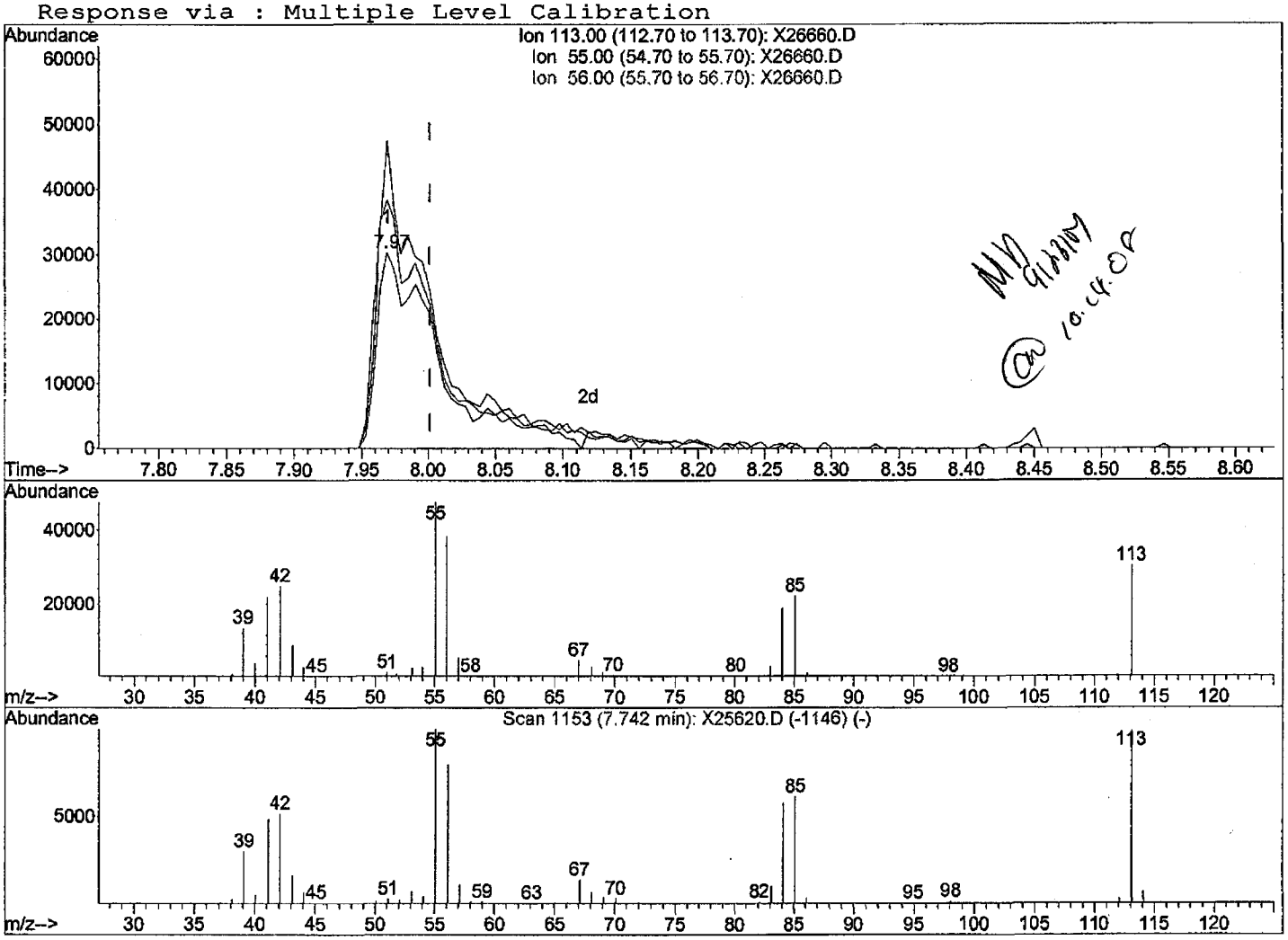
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	156.57#
56.00	94.00	126.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\092208\X26660.D
Acq On : 22 Sep 2008 13:38
Sample : SSTD050
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:12:43 2008

Vial: 11
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:12:34 2008
Response via : Multiple Level Calibration



TIC: X26660.D

(5) E655 Caprolactam

7.97min (-0.032) 53.17ng m

response 107059

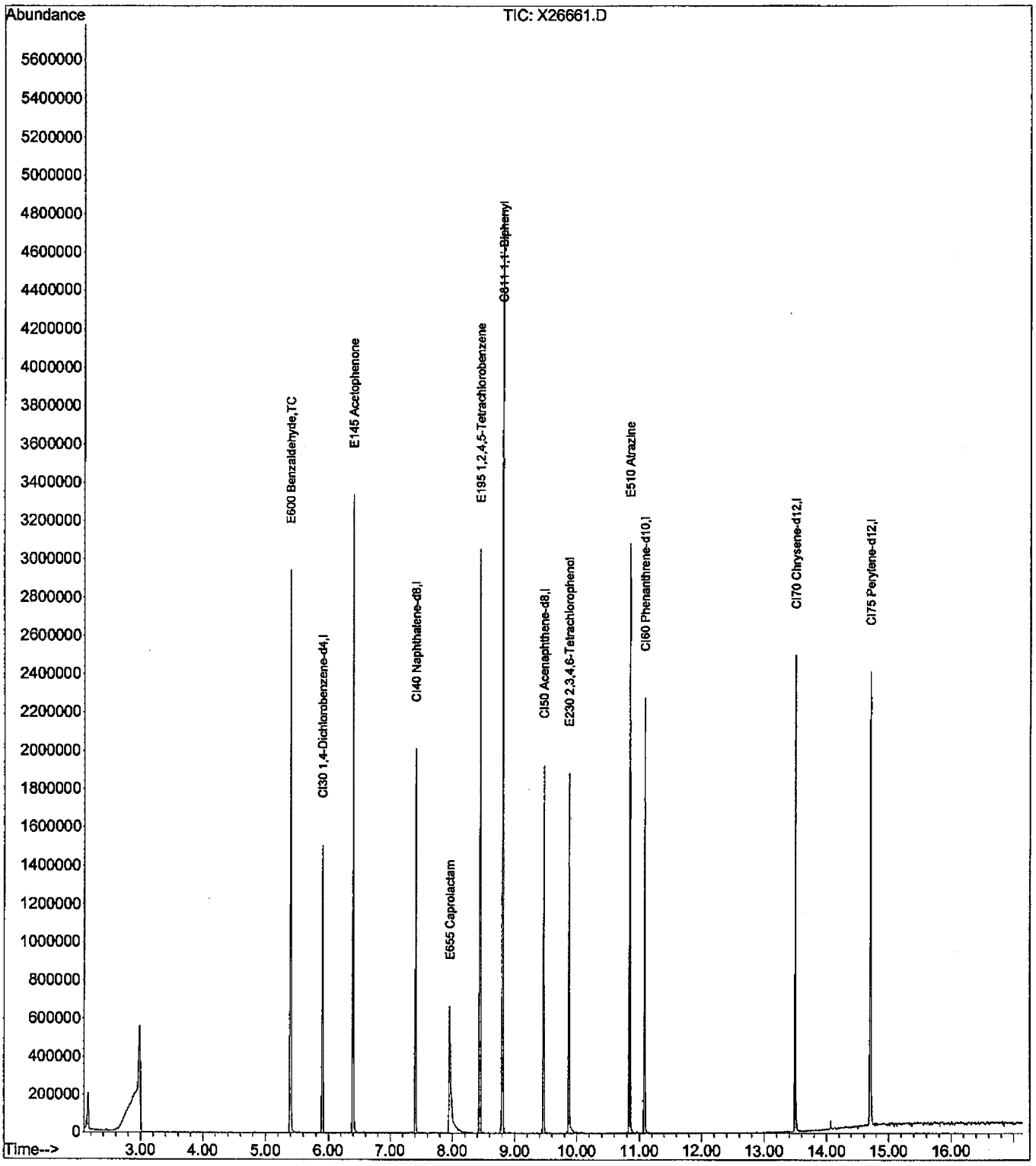
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	156.57#
56.00	94.00	126.56#
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\X26661.D
Acq On : 22 Sep 2008 14:00
Sample : SSTD080
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p

Vial: 12
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 09:13:20 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:13:14 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\X26661.D Vial: 12
Acq On : 22 Sep 2008 14:00 Operator: aj
Sample : SSTD080 Inst : HP5973X
Misc : TCLADDS(8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 09:13:20 2008 Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:13:14 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

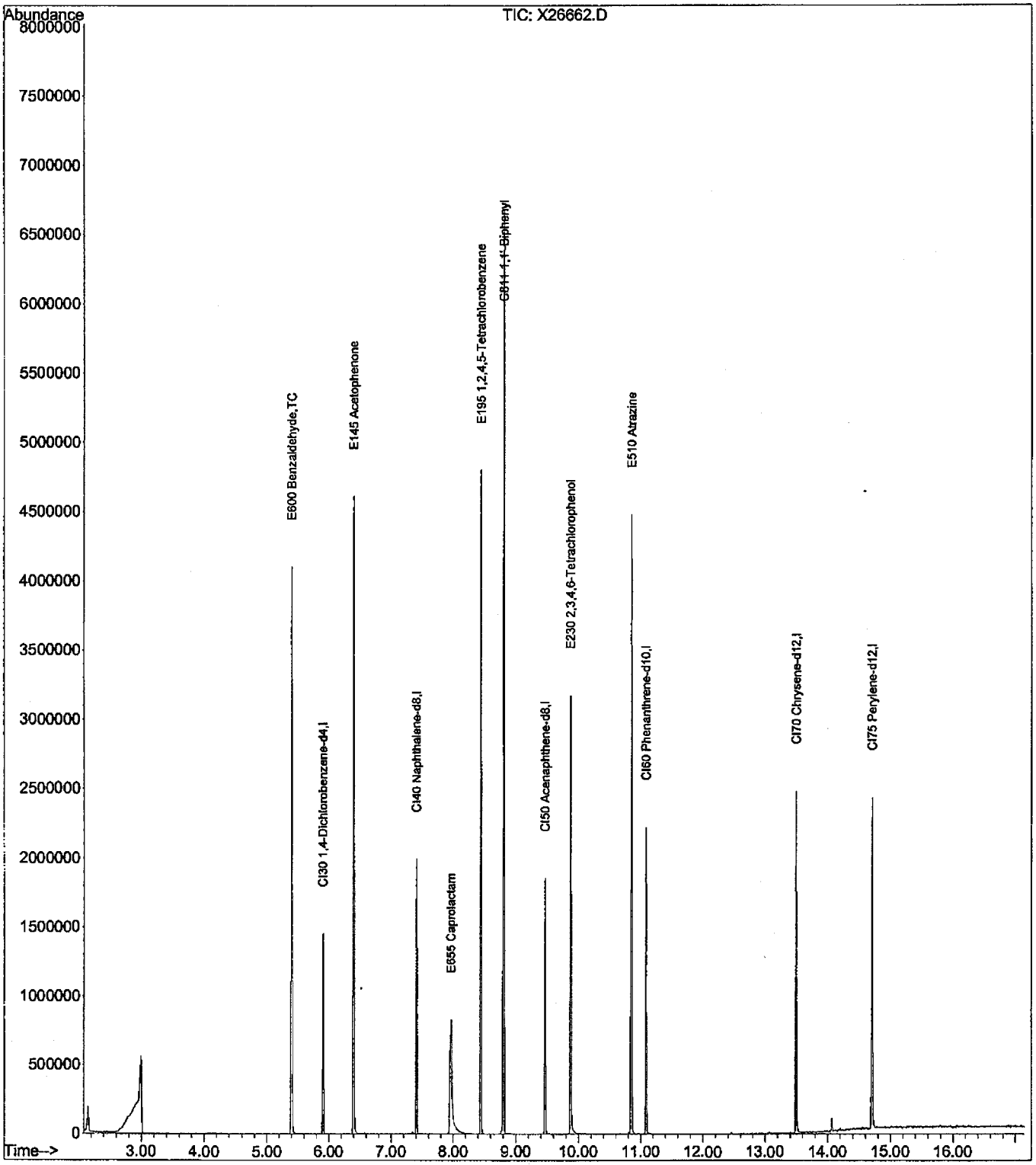
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	221837	40.00	ng	-0.01 100.86%
4) CI40 Naphthalene-d8	7.41	136	841033	40.00	ng	-0.01 101.30%
7) CI50 Acenaphthene-d8	9.47	164	407901	40.00	ng	0.00 102.60%
10) CI60 Phenanthrene-d10	11.08	188	781637	40.00	ng	0.00 99.71%
12) CI70 Chrysene-d12	13.50	240	778605	40.00	ng	0.00 98.21%
13) CI75 Perylene-d12	14.70	264	813209	40.00	ng	0.00 102.35%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.40	77	610478	83.08	ng	98
3) E145 Acetophenone	6.40	105	894758	84.63	ng	93
5) E655 Caprolactam	7.96	113	156931	76.32	ng	# 76
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	557318	94.64	ng	97
8) C811 1,1'-Biphenyl	8.80	154	1464007	84.71	ng	97
9) E230 2,3,4,6-Tetrachloroph	9.87	232	243881	110.64	ng	# 100
11) E510 Atrazine	10.85	200	350252	96.74	ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\X26662.D Vial: 13
Acq On : 22 Sep 2008 14:23 Operator: aj
Sample : SSTD120 Inst : HP5973X
Misc : TCLADDS(8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 23 09:14:03 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:13:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\X26662.D Vial: 13
Acq On : 22 Sep 2008 14:23 Operator: aj
Sample : SSTD120 Inst : HP5973X
Misc : TCLADDS(8-08-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 09:14:03 2008 Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:13:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	210041	40.00	ng		0.00 95.49%
4) CI40 Naphthalene-d8	7.41	136	817931	40.00	ng		0.00 98.52%
7) CI50 Acenaphthene-d8	9.47	164	377827	40.00	ng		0.00 95.03%
10) CI60 Phenanthrene-d10	11.08	188	755906	40.00	ng		0.00 96.43%
12) CI70 Chrysene-d12	13.50	240	773958	40.00	ng		0.00 97.62%
13) CI75 Perylene-d12	14.71	264	796136	40.00	ng		0.00 100.20%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.40	77	931306	133.41	ng		98
3) E145 Acetophenone	6.40	105	1323935	131.68	ng		95
5) E655 Caprolactam	7.96	113	253594	129.61	ng	#	66
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	823592	136.45	ng		97
8) C811 1,1'-Biphenyl	8.81	154	2185695	135.22	ng		97
9) E230 2,3,4,6-Tetrachloroph	9.87	232	375149	173.68	ng	#	100
11) E510 Atrazine	10.85	200	522859	143.85	ng		89

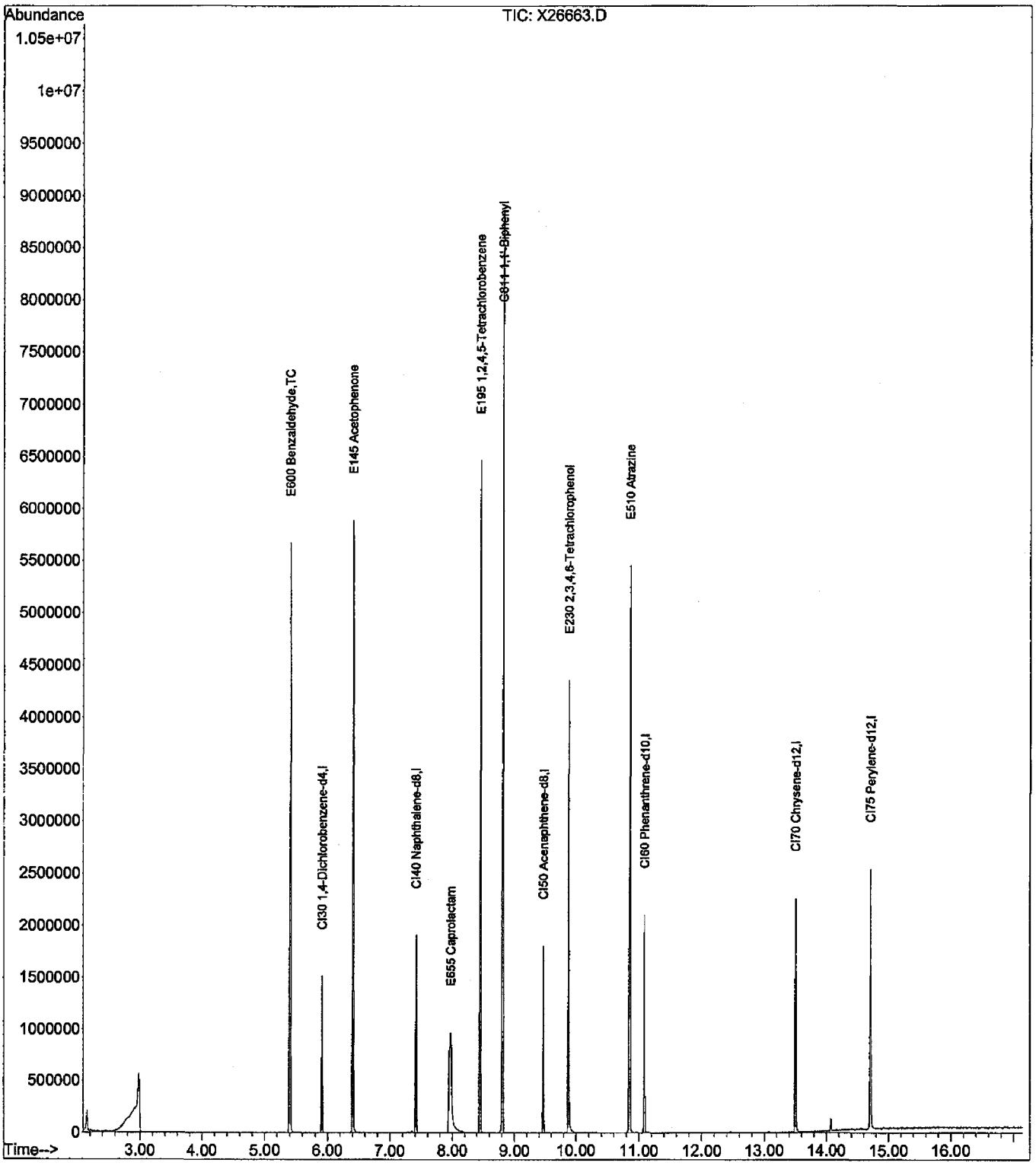
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\X26663.D
Acq On : 22 Sep 2008 14:46
Sample : SSTD160
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p

Vial: 14
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 09:14:19 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:14:12 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\092208\X26663.D
Acq On : 22 Sep 2008 14:46
Sample : SSTD160
Misc : TCLADDS(8-08-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 09:14:19 2008

Vial: 14
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 09:14:12 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	215018	40.00	ng	0.00
4) CI40 Naphthalene-d8	7.41	136	821317	40.00	ng	97.76% 0.00
7) CI50 Acenaphthene-d8	9.47	164	379600	40.00	ng	98.92% 0.00
10) CI60 Phenanthrene-d10	11.09	188	755411	40.00	ng	95.48% 0.00
12) CI70 Chrysene-d12	13.50	240	801847	40.00	ng	96.37% 0.00
13) CI75 Perylene-d12	14.71	264	823415	40.00	ng	101.14% 0.00
						103.64%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.40	77	1256410	173.58	ng	95
3) E145 Acetophenone	6.41	105	1790625	172.55	ng	100
5) E655 Caprolactam	7.98	113	337369	174.17	ng	# 70
6) E195 1,2,4,5-Tetrachlorobe	8.45	216	1088542	170.53	ng	98
8) C811 1,1'-Biphenyl	8.81	154	2870393	172.52	ng	99
9) E230 2,3,4,6-Tetrachloroph	9.88	232	511178	219.42	ng	# 100
11) E510 Atrazine	10.86	200	709725	188.62	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000705-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973X Calibration Dates(s): 09/23/2008 09/23/2008

Calibration Times: 19:20 21:13

Lab File ID: RRF5 = X26685.RR RRF20 = X26687.RR RRF50 = X26689.RR
RRF80 = X26688.RR RRF120 = X26686.RR RRF160 = X26684.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	*	1.933	2.116	2.171	2.080	1.951	2.067	2.0530	4.500*
Bis(2-chloroethyl) ether		1.381	1.537	1.491	1.439	1.328	1.418	1.4320	5.200
2-Chlorophenol		1.401	1.504	1.484	1.436	1.332	1.445	1.4340	4.300
2-Methylphenol		1.224	1.358	1.394	1.347	1.297	1.375	1.3330	4.700
2,2'-Oxybis(1-Chloropropane		1.960	2.152	2.166	2.048	1.890	1.969	2.0310	5.500
4-Methylphenol		1.285	1.477	1.510	1.490	1.379	1.465	1.4340	6.000
N-Nitroso-Di-n-propylamine	#	1.053	1.209	1.257	1.196	1.104	1.172	1.1650	6.400#
Hexachloroethane		0.527	0.620	0.609	0.582	0.536	0.570	0.5740	6.600
Nitrobenzene		0.417	0.455	0.451	0.437	0.400	0.436	0.4330	4.800
Isophorone		0.651	0.837	0.821	0.792	0.717	0.786	0.7670	9.100
2-Nitrophenol	*	0.147	0.207	0.209	0.207	0.194	0.213	0.1960	12.600*
2,4-Dimethylphenol		0.352	0.408	0.415	0.410	0.378	0.414	0.3960	6.500
Bis(2-chloroethoxy) methane		0.410	0.475	0.462	0.449	0.413	0.455	0.4440	6.000
2,4-Dichlorophenol	*	0.289	0.338	0.331	0.324	0.295	0.328	0.3180	6.400*
Naphthalene		0.953	1.122	1.086	1.063	0.986	1.073	1.0470	6.100
4-Chloroaniline		0.377	0.476	0.463	0.454	0.421	0.456	0.4410	8.200
Hexachlorobutadiene	*	0.167	0.207	0.205	0.198	0.185	0.206	0.1950	8.300*
4-Chloro-3-methylphenol	*	0.305	0.364	0.358	0.332	0.304	0.347	0.3350	7.800*
2-Methylnaphthalene		0.663	0.810	0.785	0.782	0.713	0.783	0.7560	7.400
Hexachlorocyclopentadiene	#	0.118	0.393	0.418	0.417	0.381	0.440	0.3610	33.400#
2,4,6-Trichlorophenol	*	0.343	0.468	0.438	0.433	0.378	0.406	0.4110	11.000*
2,4,5-Trichlorophenol		0.347	0.460	0.432	0.410	0.372	0.416	0.4060	10.000
2-Chloronaphthalene		1.185	1.486	1.347	1.270	1.152	1.255	1.2820	9.400
2-Nitroaniline		0.430	0.592	0.564	0.531	0.498	0.539	0.5260	10.700
Dimethyl phthalate		1.356	1.786	1.568	1.471	1.337	1.470	1.4980	11.000
Acenaphthylene		1.824	2.408	2.129	1.871	1.750	1.941	1.9870	12.200
2,6-Dinitrotoluene		0.287	0.388	0.368	0.347	0.320	0.351	0.3440	10.400
3-Nitroaniline		0.307	0.430	0.409	0.397	0.367	0.397	0.3840	11.300
Acenaphthene	*	0.841	1.241	1.199	1.184	1.088	1.190	1.1240	13.100*
2,4-Dinitrophenol	#	0.047	0.154	0.186	0.200	0.197	0.231	0.1690	38.400#
4-Nitrophenol	#	0.139	0.250	0.256	0.255	0.232	0.259	0.2320	20.000#
Dibenzofuran		1.810	2.216	1.988	1.855	1.698	1.878	1.9080	9.300
2,4-Dinitrotoluene		0.395	0.583	0.522	0.499	0.451	0.501	0.4920	13.000
Diethyl phthalate		1.304	1.778	1.591	1.527	1.364	1.520	1.5140	11.200
4-Chlorophenyl phenyl ether		0.718	0.949	0.813	0.778	0.698	0.771	0.7880	11.300
Fluorene		1.429	1.820	1.669	1.562	1.422	1.571	1.5790	9.500
4-Nitroaniline		0.139	0.448	0.439	0.416	0.386	0.431	0.3770	31.400

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000705-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973X Calibration Dates(s): 09/23/2008 09/23/2008

Calibration Times: 19:20 21:13

Lab File ID: RRF5 = X26685.RR RRF20 = X26687.RR RRF50 = X26689.RR
RRF80 = X26688.RR RRF120 = X26686.RR RRF160 = X26684.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol		0.076	0.122	0.148	0.149	0.139	0.155	0.1310	22.300
N-nitrosodiphenylamine	*	0.509	0.592	0.580	0.567	0.516	0.564	0.5550	6.200*
4-Bromophenyl phenyl ether		0.206	0.228	0.223	0.217	0.197	0.219	0.2150	5.300
Hexachlorobenzene		0.222	0.235	0.223	0.225	0.202	0.219	0.2210	4.900
Pentachlorophenol	*	0.033	0.069	0.108	0.120	0.114	0.133	0.0960	39.200*
Phenanthrene		1.032	1.181	1.149	1.136	1.022	1.121	1.1070	5.900
Anthracene		1.003	1.215	1.198	1.177	1.064	1.177	1.1390	7.500
Di-n-butyl phthalate		1.020	1.335	1.348	1.302	1.175	1.309	1.2480	10.200
Fluoranthene	*	1.134	1.396	1.370	1.316	1.213	1.347	1.2960	7.800*
Pyrene		0.982	1.168	1.084	1.085	0.973	1.028	1.0540	7.000
Butyl benzyl phthalate		0.418	0.509	0.494	0.487	0.436	0.471	0.4690	7.500
3,3'-Dichlorobenzidine		0.355	0.492	0.478	0.481	0.444	0.482	0.4550	11.400
Benzo(a)anthracene		1.029	1.189	1.130	1.100	1.001	1.080	1.0880	6.200
Chrysene		0.976	1.116	1.042	1.020	0.929	1.019	1.0170	6.200
Bis(2-ethylhexyl) phthalate		0.556	0.732	0.708	0.695	0.627	0.677	0.6660	9.600
Di-n-octyl phthalate	*	0.910	1.285	1.255	1.245	1.143	1.249	1.1810	12.000*
Benzo(b)fluoranthene		1.106	1.274	1.225	1.280	1.184	1.273	1.2240	5.600
Benzo(k)fluoranthene		1.005	1.226	1.199	1.103	1.010	1.112	1.1090	8.300
Benzo(a)pyrene	*	0.897	1.142	1.122	1.128	1.028	1.140	1.0760	9.100*
Indeno(1,2,3-cd)pyrene		1.211	1.382	1.362	1.359	1.288	1.435	1.3400	5.900
Dibenzo(a,h)anthracene		1.056	1.194	1.193	1.198	1.140	1.264	1.1740	5.900
Benzo(ghi)perylene		1.101	1.189	1.161	1.157	1.089	1.225	1.1540	4.500
Carbazole		0.893	1.138	1.142	1.114	1.011	1.109	1.0680	9.200
Nitrobenzene-D5		0.373	0.457	0.442	0.429	0.398	0.440	0.4230	7.400
2-Fluorobiphenyl		1.470	1.828	1.623	1.506	1.378	1.482	1.5480	10.200
p-Terphenyl-d14		0.758	0.903	0.853	0.832	0.750	0.796	0.8150	7.200
Phenol-D5		1.647	1.952	1.953	1.885	1.761	1.919	1.8530	6.600
2-Fluorophenol		1.310	1.444	1.435	1.398	1.302	1.424	1.3850	4.600
2,4,6-Tribromophenol		0.071	0.101	0.103	0.105	0.097	0.107	0.0970	13.400

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0705.M
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:52:14 2008
Response Via : Initial Calibration

8270
(A8I... 0705)

Calibration Files
5 =X26685.D 20 =X26687.D 50 =X26689.D
80 =X26688.D 120 =X26686.D 160 =X26684.D

			Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	----------ISTD----------							
2)	T	C705	n-nitrosodidim	0.733	0.854	0.853	0.817	0.772	0.836	0.811	6.04
3)	S	CS50	2-Fluorophenol	1.310	1.444	1.435	1.398	1.302	1.424	1.385	4.59
4)	TC	C325	bis(2-Chloroet	1.381	1.537	1.491	1.439	1.328	1.418	1.432	5.23
5)	S	CS45	Phenol-d5	1.647	1.952	1.952	1.885	1.761	1.919	1.853	6.65
6)	S	CS70	2-chlorophenol	1.307	1.458	1.465	1.436	1.355	1.420	1.407	4.45
7)	MC	C315	Phenol	1.933	2.116	2.171	2.080	1.950	2.067	2.053	4.55
8)	MC	C330	2-Chlorophenol	1.401	1.504	1.483	1.436	1.332	1.445	1.434	4.30
9)	T	C320	aniline	2.211	2.510	2.527	2.393	2.220	2.334	2.366	5.78
10)	TC	C335	1,3-Dichlorobe	1.514	1.608	1.633	1.565	1.458	1.568	1.558	4.07
11)	MC	C340	1,4-Dichlorobe	1.564	1.660	1.651	1.585	1.495	1.596	1.592	3.80
12)	S	CS75	1,2-dichlorobe	0.916	0.962	0.931	0.878	0.836	0.883	0.901	4.98
13)	TC	C350	1,2-Dichlorobe	1.458	1.580	1.555	1.482	1.411	1.502	1.498	4.14
14)	T	C345	Benzyl alcohol	0.823	1.036	1.072	1.076	0.998	1.044	1.008	9.41
15)	T	C360	bis(2-chlorois	1.960	2.152	2.166	2.048	1.890	1.969	2.031	5.49
16)	TC	C355	2-Methylphenol	1.224	1.358	1.394	1.347	1.297	1.375	1.333	4.69
17)	TC	C375	Hexachloroetha	0.527	0.620	0.609	0.582	0.536	0.570	0.574	6.55
18)	MC	C370	N-Nitroso-di-n	1.053	1.209	1.257	1.196	1.104	1.172	1.165	6.38
19)	TC	C365	4-Methylphenol	1.285	1.477	1.510	1.490	1.379	1.465	1.434	6.00
20)	I	CI40	Naphthalene-d8	----------ISTD----------							
21)	S	CS20	Nitrobenzene-d	0.373	0.457	0.442	0.429	0.398	0.440	0.423	7.40
22)	TC	C410	Nitrobenzene	0.417	0.455	0.451	0.437	0.400	0.436	0.433	4.81
23)	TC	C415	Isophorone	0.651	0.837	0.821	0.792	0.717	0.786	0.767	9.14
24)	T	C430	benzoic acid	0.145	0.194	0.219	0.228	0.217	0.247	-----	
								L	M= 0.256	R=0.991	
									B= -0.198		
25)	TC	C420	2-Nitrophenol	0.147	0.207	0.209	0.207	0.194	0.213	0.196	12.61
26)	TC	C425	2,4-Dimethylph	0.352	0.407	0.415	0.410	0.378	0.414	0.396	6.49
27)	TC	C435	bis(2-Chloroet	0.409	0.475	0.462	0.449	0.413	0.455	0.444	6.05
28)	TC	C440	2,4-Dichloroph	0.289	0.338	0.331	0.324	0.295	0.327	0.318	6.44
29)	MC	C445	1,2,4-Trichlor	0.319	0.360	0.339	0.321	0.306	0.338	0.330	5.79
30)	TC	C450	Naphthalene	0.953	1.122	1.086	1.063	0.986	1.073	1.047	6.13
31)	T	C455	4-Chloroanilin	0.377	0.476	0.463	0.454	0.421	0.456	0.441	8.26
32)	T	C460	Hexachlorobuta	0.166	0.207	0.205	0.198	0.185	0.206	0.195	8.26
33)	MC	C465	4-Chloro-3-met	0.305	0.364	0.358	0.332	0.304	0.347	0.335	7.78
34)	TC	C470	2-Methylnaphth	0.663	0.810	0.785	0.782	0.713	0.783	0.756	7.41
35)	I	CI50	Acenaphthene-d10	----------ISTD----------							
36)	T	C510	Hexachlorocycl	0.118	0.393	0.418	0.417	0.381	0.440	-----	
								L	M= 0.430	R=0.991	
									B= -0.031		
37)	TC	C515	2,4,6-Trichlor	0.343	0.468	0.438	0.433	0.378	0.406	0.411	11.02
38)	TC	C520	2,4,5-Trichlor	0.347	0.460	0.432	0.410	0.372	0.416	0.406	10.03
39)	S	CS25	2-Fluorobiphen	1.470	1.828	1.623	1.506	1.378	1.482	1.548	10.21
40)	TC	C525	2-Chloronaphth	1.184	1.486	1.347	1.270	1.152	1.255	1.282	9.43
41)	T	C530	2-Nitroaniline	0.430	0.592	0.564	0.531	0.498	0.539	0.526	10.74
42)	MC	C540	Acenaphthylene	1.824	2.408	2.129	1.871	1.749	1.941	1.987	12.25
43)	T	C535	Dimethylphthal	1.356	1.786	1.568	1.471	1.337	1.470	1.498	10.99
44)	TC	C542	2,6-Dinitrotol	0.287	0.388	0.368	0.347	0.320	0.351	0.344	10.36
45)	TC	C550	Acenaphthene	0.841	1.241	1.199	1.184	1.088	1.190	1.124	13.11
46)	T	C545	3-Nitroaniline	0.307	0.430	0.409	0.397	0.367	0.397	0.384	11.27
47)	T	C555	2,4-Dinitrophe	0.046	0.154	0.186	0.200	0.197	0.231	-----	
								L	M= 0.234	R=0.991	
									B= -0.057		
48)	TC	C565	Dibenzofuran	1.810	2.216	1.988	1.855	1.698	1.878	1.908	9.34

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0705.M
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:52:14 2008
Response Via : Initial Calibration

Calibration Files
5 =X26685.D 20 =X26687.D 50 =X26689.D
80 =X26688.D 120 =X26686.D 160 =X26684.D

49)	MC	C570	2,4-Dinitrotol	0.395	0.583	0.522	0.499	0.451	0.501	0.492	12.95
50)	M	C560	4-Nitrophenol	0.139	0.250	0.256	0.255	0.232	0.259	-----	
									L	M= 0.254 R=0.993	
										B= -0.011	
51)	TC	C590	Fluorene	1.429	1.820	1.669	1.562	1.422	1.571	1.579	9.54
52)	TC	C585	4-Chlorophenyl	0.718	0.949	0.813	0.778	0.698	0.771	0.788	11.34
53)	T	C580	Diethylphthala	1.304	1.778	1.591	1.527	1.364	1.519	1.514	11.16
54)	T	C620	1,2-diphenylhy	1.539	1.974	1.748	1.667	1.490	1.603	1.670	10.45
55)	T	C595	4-Nitroaniline	0.139	0.448	0.439	0.416	0.386	0.431	-----	
									L	M= 0.419 R=0.993	
										B= -0.004	
56)	I	CI60	Phenanthrene-d10	----------ISTD----------							
57)	T	C610	4,6-Dinitro-2-	0.076	0.122	0.148	0.149	0.139	0.154	-----	
									L	M= 0.154 R=0.995	
										B= -0.016	
58)	T	C615	n-Nitrosodiphe	0.509	0.592	0.580	0.567	0.516	0.564	0.555	6.16
59)	S	CS55	2,4,6-Tribromo	0.071	0.101	0.103	0.105	0.097	0.107	0.097	13.44
60)	TC	C625	4-Bromophenyl-	0.206	0.228	0.223	0.217	0.197	0.219	0.215	5.28
61)	TC	C630	Hexachlorobenz	0.222	0.235	0.222	0.225	0.202	0.219	0.221	4.89
62)	MC	C635	Pentachlorophe	0.033	0.069	0.108	0.120	0.114	0.133	-----	
									L	M= 0.136 R=0.993	
										B= -0.034	
63)	TC	C640	Phenanthrene	1.032	1.180	1.149	1.136	1.022	1.121	1.107	5.86
64)	TC	C645	Anthracene	1.003	1.215	1.198	1.177	1.064	1.177	1.139	7.47
65)	T	C647	carbazole	0.893	1.138	1.142	1.114	1.010	1.109	1.068	9.20
66)	T	C650	Di-n-butylphth	1.020	1.335	1.348	1.302	1.175	1.309	1.248	10.24
67)	TC	C655	Fluoranthene	1.134	1.396	1.370	1.316	1.213	1.347	1.296	7.83
68)	I	CI70	Chrysene-d12	----------ISTD----------							
69)	MC	C715	Pyrene	0.982	1.168	1.084	1.085	0.973	1.028	1.054	7.01
70)	T	C710	benzidine	0.464	0.699	0.651	0.635	0.580	0.622	0.609	13.22
71)	S	CS30	Terphenyl-d14	0.758	0.902	0.853	0.832	0.750	0.796	0.815	7.21
72)	T	C720	Butylbenzylpht	0.418	0.509	0.494	0.486	0.435	0.471	0.469	7.52
73)	T	C725	3,3'-Dichlorob	0.355	0.492	0.478	0.481	0.444	0.482	0.455	11.36
74)	TC	C730	Benzo[a]anthra	1.029	1.189	1.130	1.100	1.001	1.080	1.088	6.25
75)	TC	C735	Chrysene	0.976	1.116	1.042	1.020	0.929	1.019	1.017	6.21
76)	T	C740	bis(2-Ethylhex	0.556	0.732	0.708	0.695	0.627	0.677	0.666	9.65
77)	T	C760	Di-n-octylphth	0.910	1.285	1.255	1.245	1.143	1.249	1.181	11.96
78)	I	CI75	Perylene-d12	----------ISTD----------							
79)	TC	C765	Benzo[b]fluora	1.106	1.274	1.225	1.280	1.184	1.273	1.224	5.60
80)	TC	C770	Benzo[k]fluora	1.005	1.226	1.199	1.103	1.010	1.112	1.109	8.31
81)	TC	C775	Benzo[a]pyrene	0.897	1.142	1.122	1.128	1.028	1.140	1.076	9.09
82)	TC	C780	Indeno[1,2,3-c	1.211	1.382	1.362	1.359	1.288	1.435	1.340	5.87
83)	TC	C785	Dibenz[a,h]ant	1.056	1.194	1.193	1.198	1.140	1.263	1.174	5.95
84)	TC	C790	Benzo[g,h,i]pe	1.101	1.189	1.161	1.157	1.089	1.225	1.154	4.46

Total Average %RSD 7.86

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0705.M Tue Sep 23 21:56:11 2008

Date: 09/23/2008
Time: 22:02:00

ICC Profile

Page: 1
Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500
CCC Conc: 50.00

QC Approver: PM
QC Date: 02/20/2008

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

			ng On Column					
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786 122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787 108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788 99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789 99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790 634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791 123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792 100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793 130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794 90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795 90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796 832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797 134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798 490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799 58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801 935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802 933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803 236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805 576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806 61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807 634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808 554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810 95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811 583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812 19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813 87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814 2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815 118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816 581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817 53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818 95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819 109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820 497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821 91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822 109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823 88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824 119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825 119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826 609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827 95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828 95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829 95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830 591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831 108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832 3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833 542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834 626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835 56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836 108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837 101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838 92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839 106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840 4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841 56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842 99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843 57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844 98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845 62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846 140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847 103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848 103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849 108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850 92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851 192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852 92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853 124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854 128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855 57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856 510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857 2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858 192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859 189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860 320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861 109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862 60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863 117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864 120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865 124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866 122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867 298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868 DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869 62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870 107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871 52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872 70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873 1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874 465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875 28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876 120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877 143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878 91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879 66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880 298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881 68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882 121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883 924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884 55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885 62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886 10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887 59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888 100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889 930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890 126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891 95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

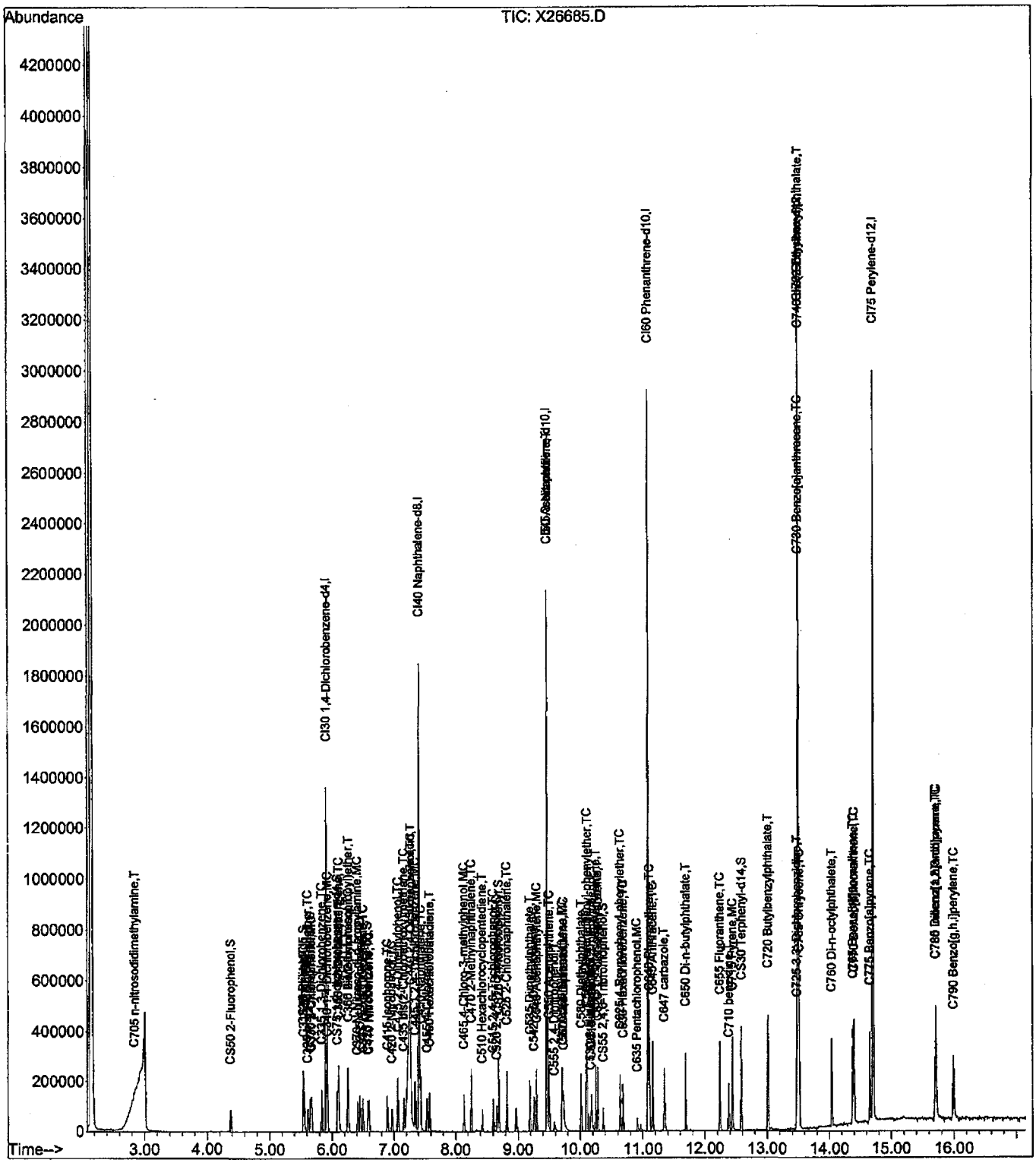
Seq	Parameter		ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26685.D
Acq On : 23 Sep 2008 19:42
Sample : SSTD005
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 3
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:49:51 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26685.D Vial: 3
Acq On : 23 Sep 2008 19:42 Operator: JLG
Sample : SSTD005 Inst : HP5973X
Misc : 8270(9-9-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 21:49:51 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	209333	40.00	ng	0.00 98.09%
20) CI40 Naphthalene-d8	7.41	136	813481	40.00	ng	0.00 97.05%
35) CI50 Acenaphthene-d10	9.47	164	431841	40.00	ng	0.00 94.81%
56) CI60 Phenanthrene-d10	11.08	188	939997	40.00	ng	0.00 95.00%
68) CI70 Chrysene-d12	13.50	240	1158361	40.00	ng	0.00 90.85%
78) CI75 Perylene-d12	14.71	264	1140830	40.00	ng	0.00 91.97%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.38	112	34274	4.73	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 3.15%#			
5) CS45 Phenol-d5	5.54	99	43104	4.45	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 2.97%#			
6) CS70 2-chlorophenol-d4	5.65	132	34201	4.65	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 3.10%#			
12) CS75 1,2-dichlorobenzene-d	6.09	152	23969	5.08	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 5.08%#			
21) CS20 Nitrobenzene-d5	6.57	82	37956	4.41	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 4.41%#			
39) CS25 2-Fluorobiphenyl	8.69	172	79352	4.75	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 4.75%#			
59) CS55 2,4,6-Tribromophenol	10.37	330	8401	3.67	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 2.45%#			
71) CS30 Terphenyl-d14	12.59	244	109683	4.65	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 4.65%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.84	74	19168m	4.80	ng	78
4) C325 bis(2-Chloroethyl)eth	5.61	93	36142	4.82	ng	# 68
7) C315 Phenol	5.55	94	50588	4.71	ng	88
8) C330 2-Chlorophenol	5.68	128	36668	4.89	ng	91
9) C320 aniline	5.54	93	57865	4.67	ng	# 55
10) C335 1,3-Dichlorobenzene	5.84	146	39619	4.86	ng	93
11) C340 1,4-Dichlorobenzene	5.93	146	40929	4.91	ng	97
13) C350 1,2-Dichlorobenzene	6.11	146	38156	4.87	ng	90
14) C345 Benzyl alcohol	6.11	108	21540	4.08	ng	90
15) C360 bis(2-chloroisopropyl	6.25	45	51276	4.82	ng	# 1
16) C355 2-Methylphenol	6.26	108	32023	4.59	ng	82
17) C375 Hexachloroethane	6.50	117	13789	4.59	ng	# 67
18) C370 N-Nitroso-di-n-propyl	6.41	70	27552	4.52	ng	# 63
19) C365 4-Methylphenol	6.45	108	33614	4.48	ng	89
22) C410 Nitrobenzene	6.60	77	42366	4.82	ng	98
23) C415 Isophorone	6.89	82	66240	4.25	ng	92
24) C430 benzoic acid	7.27	122	294549	72.57	ng	# 77
25) C420 2-Nitrophenol	6.98	139	14990	3.76	ng	91
26) C425 2,4-Dimethylphenol	7.07	107	35778	4.44	ng	97
27) C435 bis(2-Chloroethoxy)me	7.16	93	41639	4.61	ng	97
28) C440 2,4-Dichlorophenol	7.28	162	29350	4.55	ng	90

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26685.D Vial: 3
Acq On : 23 Sep 2008 19:42 Operator: JLG
Sample : SSTD005 Inst : HP5973X
Misc : 8270(9-9-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 21:49:51 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	32446	4.83	ng		97
30) C450 Naphthalene	7.43	128	96906	4.55	ng		95
31) C455 4-Chloroaniline	7.54	127	38305	4.27	ng		97
32) C460 Hexachlorobutadiene	7.58	225	16930	4.28	ng	#	52
33) C465 4-Chloro-3-methylphen	8.13	107	30966	4.55	ng		89
34) C470 2-Methylnaphthalene	8.25	142	67399	4.38	ng		97
36) C510 Hexachlorocyclopentad	8.43	237	6392	1.64	ng		87
37) C515 2,4,6-Trichlorophenol	8.61	196	18497	4.17	ng		92
38) C520 2,4,5-Trichlorophenol	8.66	196	18755	4.27	ng		96
40) C525 2-Chloronaphthalene	8.82	162	63938	4.62	ng		93
41) C530 2-Nitroaniline	10.16	65	23230	4.09	ng	#	77
42) C540 Acenaphthylene	9.30	152	98440	4.59	ng		93
43) C535 Dimethylphthalate	9.19	163	73216	4.53	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	15516	4.18	ng		92
45) C550 Acenaphthene	9.50	153	45409	3.74	ng		95
46) C545 3-Nitroaniline	9.47	138	16550	3.99	ng	#	82
47) C555 2,4-Dinitrophenol	9.58	184	5017	2.75	ng	#	54
48) C565 Dibenzofuran	9.71	168	97708	4.74	ng		95
49) C570 2,4-Dinitrotoluene	9.73	165	21341	4.02	ng	#	49
50) C560 4-Nitrophenol	9.74	109	15014	6.00	ng	#	51
51) C590 Fluorene	10.10	166	77151	4.53	ng		99
52) C585 4-Chlorophenyl-phenyl	10.11	204	38750	4.56	ng		90
53) C580 Diethylphthalate	10.02	149	70379	4.31	ng		91
54) C620 1,2-diphenylhydrazine	10.28	77	83066	4.61	ng		82
55) C595 4-Nitroaniline	10.17	138	7522	1.85	ng		94
57) C610 4,6-Dinitro-2-methylp	10.18	198	17913	5.81	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	59814	4.59	ng		94
60) C625 4-Bromophenyl-phenyle	10.64	248	24246	4.80	ng	#	84
61) C630 Hexachlorobenzene	10.68	284	26117	5.03	ng	#	72
62) C635 Pentachlorophenol	10.91	266	7734	3.42	ng		98
63) C640 Phenanthrene	11.11	178	121254	4.66	ng		98
64) C645 Anthracene	11.16	178	117865	4.40	ng		99
65) C647 carbazole	11.34	167	104885	4.18	ng		98
66) C650 Di-n-butylphthalate	11.69	149	119801	4.08	ng		99
67) C655 Fluoranthene	12.24	202	133284	4.38	ng		90
69) C715 Pyrene	12.44	202	142208	4.66	ng		84
70) C710 benzidine	12.38	184	67256	3.82	ng		100
72) C720 Butylbenzylphthalate	13.01	149	60582	4.46	ng		93
73) C725 3,3'-Dichlorobenzidin	13.47	252	51386	3.90	ng		96
74) C730 Benzo[a]anthracene	13.48	228	149040	4.73	ng		98
75) C735 Chrysene	13.52	228	141337	4.80	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.51	149	80559	4.18	ng		97
77) C760 Di-n-octylphthalate	14.04	149	131764	3.85	ng		98
79) C765 Benzo[b]fluoranthene	14.38	252	157742	4.52	ng		95
80) C770 Benzo[k]fluoranthene	14.40	252	143308	4.53	ng		96
81) C775 Benzo[a]pyrene	14.65	252	127856	4.17	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.71	276	172696	4.52	ng		89
83) C785 Dibenz[a,h]anthracene	15.71	278	150605	4.50	ng		83
84) C790 Benzo[g,h,i]perylene	16.00	276	157019	4.77	ng		92

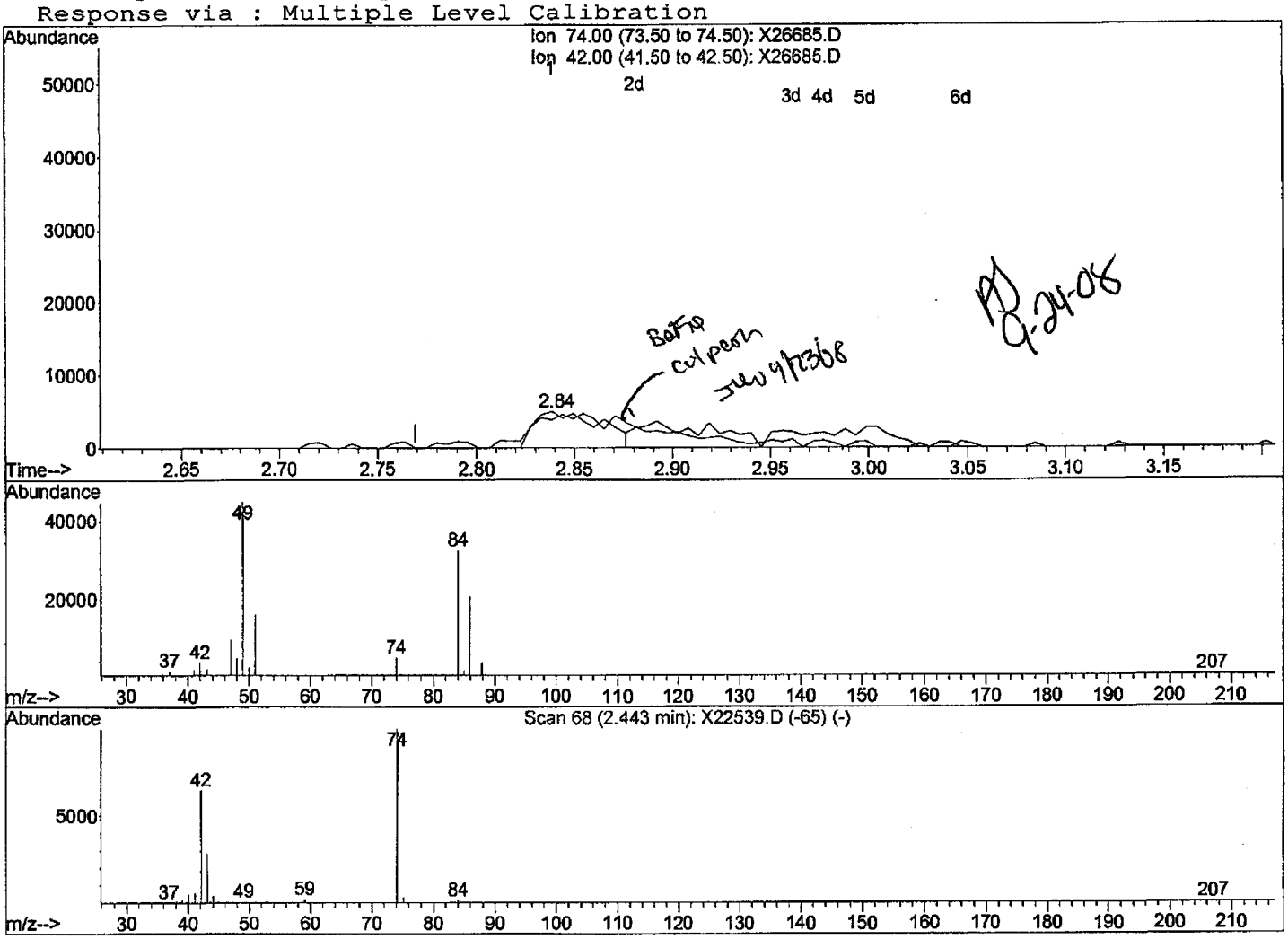
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\092308\X26685.D
Acq On : 23 Sep 2008 19:42
Sample : SSTD005
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:06 2008

Vial: 3
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Multiple Level Calibration



TIC: X26685.D

(2) C705 n-nitrosodidimethylamine (T)

2.84min (+0.069) 2.94ng

response 11757

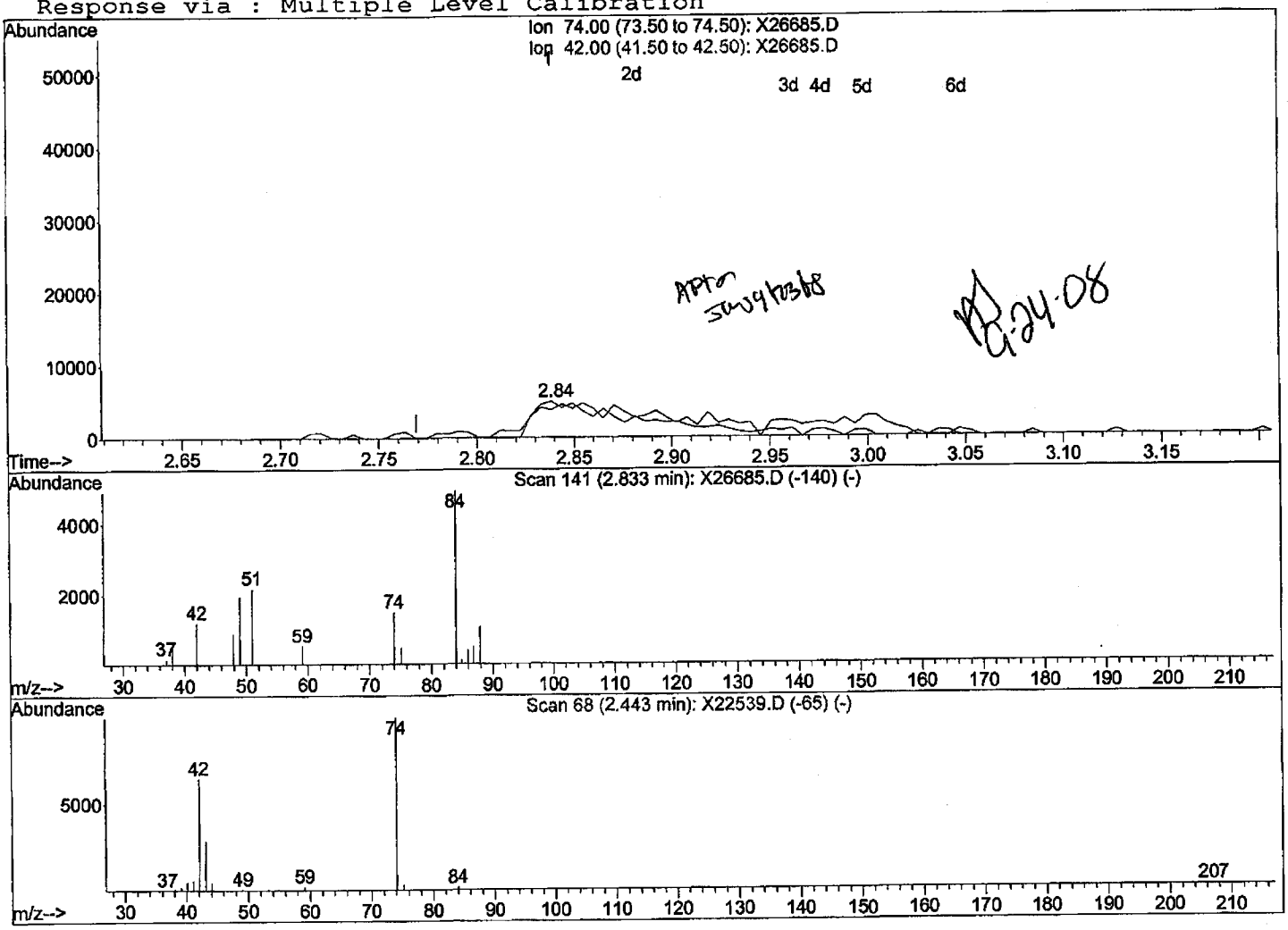
Ion	Exp%	Act%
74.00	100	100
42.00	73.70	91.89
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\092308\X26685.D
Acq On : 23 Sep 2008 19:42
Sample : SSTD005
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:06 2008

Vial: 3
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Multiple Level Calibration



TIC: X26685.D

(2) C705 n-nitrosodidimethylamine (T)

2.84min (+0.069) 4.80ng m

response 19168

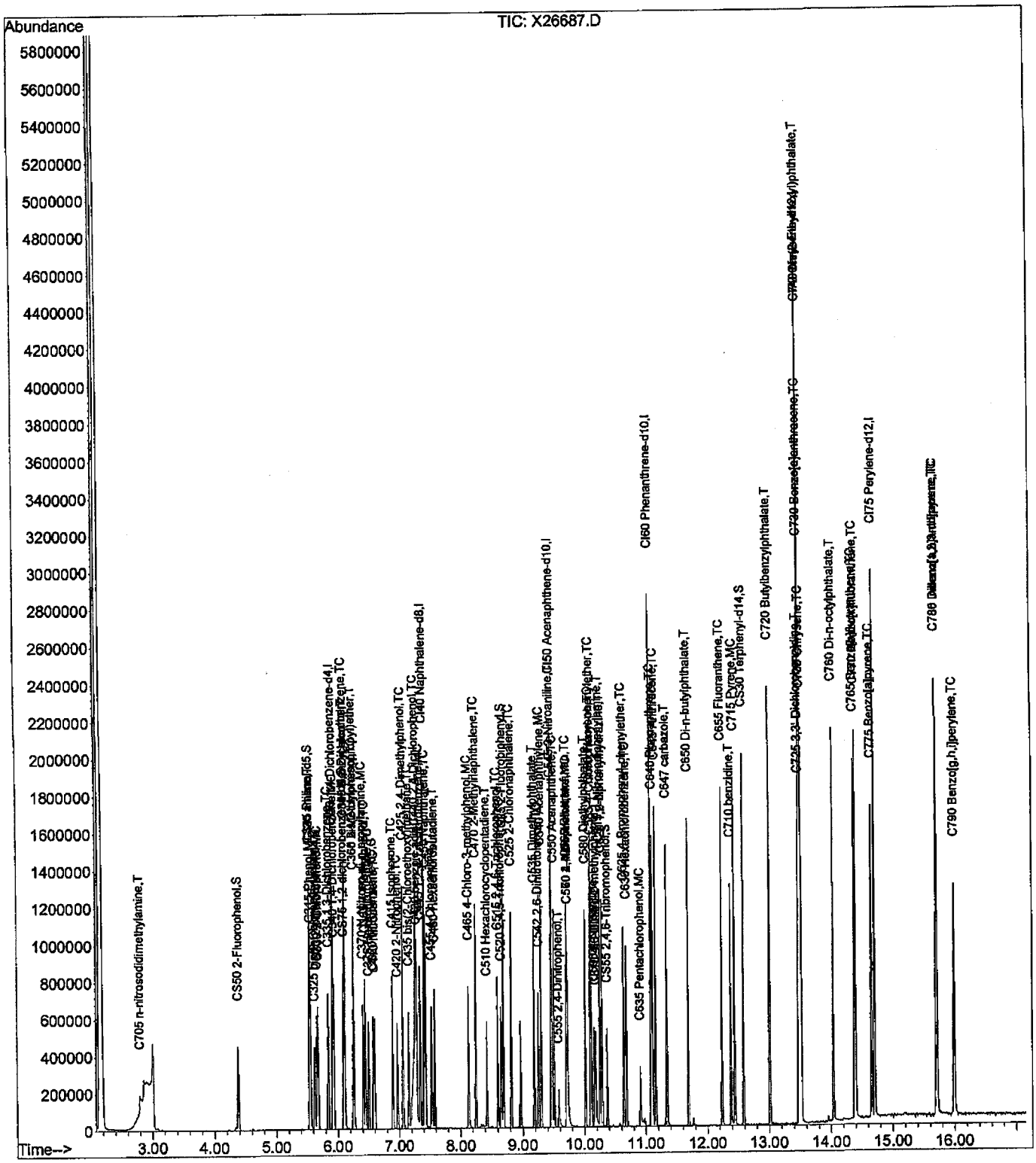
Ion	Exp%	Act%
74.00	100	100
42.00	73.70	56.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26687.D
Acq On : 23 Sep 2008 20:28
Sample : SSTD020
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 5
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:44:17 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26687.D
Acq On : 23 Sep 2008 20:28
Sample : SSTD020
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:17 2008

Vial: 5
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	216025	40.00	ng	0.00 101.23%
20) CI40 Naphthalene-d8	7.41	136	820302	40.00	ng	0.00 97.86%
35) CI50 Acenaphthene-d10	9.47	164	410851	40.00	ng	0.00 90.20%
56) CI60 Phenanthrene-d10	11.08	188	961894	40.00	ng	0.00 97.22%
68) CI70 Chrysene-d12	13.50	240	1195736	40.00	ng	0.00 93.78%
78) CI75 Perylene-d12	14.71	264	1161475	40.00	ng	0.00 93.63%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.38	112	155978	20.85	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 13.90%#			
5) CS45 Phenol-d5	5.54	99	210815	21.07	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 14.05%			
6) CS70 2-chlorophenol-d4	5.65	132	157489	20.73	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 13.82%#			
12) CS75 1,2-dichlorobenzene-d	6.09	152	103961	21.36	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 21.36%			
21) CS20 Nitrobenzene-d5	6.57	82	187302	21.59	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 21.59%#			
39) CS25 2-Fluorobiphenyl	8.69	172	375487	23.62	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 23.62%#			
59) CS55 2,4,6-Tribromophenol	10.37	330	48555	20.73	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 13.82%			
71) CS30 Terphenyl-d14	12.59	244	539557	22.14	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 22.14%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.79	74	92290	22.38	ng	81
4) C325 bis(2-Chloroethyl)eth	5.62	93	166024	21.46	ng	# 74
7) C315 Phenol	5.55	94	228553	20.61	ng	95
8) C330 2-Chlorophenol	5.68	128	162478	20.99	ng	87
9) C320 aniline	5.54	93	271130	21.22	ng	# 51
10) C335 1,3-Dichlorobenzene	5.84	146	173637	20.64	ng	94
11) C340 1,4-Dichlorobenzene	5.93	146	179301	20.86	ng	97
13) C350 1,2-Dichlorobenzene	6.11	146	170629	21.09	ng	99
14) C345 Benzyl alcohol	6.10	108	111860	20.55	ng	93
15) C360 bis(2-chloroisopropyl	6.25	45	232404	21.19	ng	# 41
16) C355 2-Methylphenol	6.26	108	146723	20.39	ng	92
17) C375 Hexachloroethane	6.50	117	66941	21.60	ng	88
18) C370 N-Nitroso-di-n-propyl	6.41	70	130589	20.76	ng	# 70
19) C365 4-Methylphenol	6.45	108	159524	20.60	ng	95
22) C410 Nitrobenzene	6.60	77	186622	21.04	ng	94
23) C415 Isophorone	6.89	82	343172	21.81	ng	91
24) C430 benzoic acid	7.29	122	477538	116.67	ng	# 72
25) C420 2-Nitrophenol	6.97	139	84804	21.08	ng	97
26) C425 2,4-Dimethylphenol	7.06	107	167130	20.57	ng	96
27) C435 bis(2-Chloroethoxy)me	7.16	93	194904	21.42	ng	97
28) C440 2,4-Dichlorophenol	7.27	162	138692	21.30	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26687.D
Acq On : 23 Sep 2008 20:28
Sample : SSTD020
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:17 2008

Vial: 5
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	147779	21.80	ng		93
30) C450 Naphthalene	7.43	128	460017	21.42	ng		98
31) C455 4-Chloroaniline	7.53	127	195124	21.58	ng		98
32) C460 Hexachlorobutadiene	7.58	225	84886	21.28	ng	#	59
33) C465 4-Chloro-3-methylphen	8.13	107	149295	21.74	ng		91
34) C470 2-Methylnaphthalene	8.25	142	332299	21.43	ng		96
36) C510 Hexachlorocyclopentad	8.43	237	80724	21.76	ng		94
37) C515 2,4,6-Trichlorophenol	8.60	196	96171	22.79	ng		98
38) C520 2,4,5-Trichlorophenol	8.65	196	94532	22.65	ng		90
40) C525 2-Chloronaphthalene	8.82	162	305271	23.18	ng		98
41) C530 2-Nitroaniline	10.16	65	121635	22.53	ng		90
42) C540 Acenaphthylene	9.30	152	494609	24.24	ng		99
43) C535 Dimethylphthalate	9.19	163	366952	23.85	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	79740	22.59	ng		97
45) C550 Acenaphthene	9.50	153	254977	22.09	ng		98
46) C545 3-Nitroaniline	9.45	138	88371	22.38	ng		97
47) C555 2,4-Dinitrophenol	9.58	184	31621	18.22	ng	#	57
48) C565 Dibenzofuran	9.71	168	455226	23.23	ng		97
49) C570 2,4-Dinitrotoluene	9.73	165	119744	23.70	ng		71
50) C560 4-Nitrophenol	9.72	109	51308	21.56	ng	#	57
51) C590 Fluorene	10.10	166	373851	23.05	ng		100
52) C585 4-Chlorophenyl-phenyl	10.11	204	194940	24.09	ng		90
53) C580 Diethylphthalate	10.02	149	365338	23.50	ng		99
54) C620 1,2-diphenylhydrazine	10.28	77	405490	23.64	ng		81
55) C595 4-Nitroaniline	10.16	138	92106	23.81	ng		87
57) C610 4,6-Dinitro-2-methylp	10.18	198	58479	18.53	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	284850	21.35	ng		99
60) C625 4-Bromophenyl-phenyle	10.64	248	109825	21.23	ng	#	85
61) C630 Hexachlorobenzene	10.68	284	112851	21.25	ng		96
62) C635 Pentachlorophenol	10.91	266	33296	14.40	ng		95
63) C640 Phenanthrene	11.11	178	567737	21.33	ng		98
64) C645 Anthracene	11.16	178	584452	21.34	ng		97
65) C647 carbazole	11.34	167	547446	21.32	ng		97
66) C650 Di-n-butylphthalate	11.69	149	642189	21.40	ng		100
67) C655 Fluoranthene	12.24	202	671522	21.55	ng		86
69) C715 Pyrene	12.44	202	698427	22.18	ng		83
70) C710 benzidine	12.38	184	417719	22.96	ng		99
72) C720 Butylbenzylphthalate	13.01	149	304411	21.71	ng		94
73) C725 3,3'-Dichlorobenzidin	13.47	252	293879	21.60	ng		94
74) C730 Benzo[a]anthracene	13.48	228	710825	21.85	ng		99
75) C735 Chrysene	13.52	228	667290	21.95	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.51	149	437537	21.98	ng		98
77) C760 Di-n-octylphthalate	14.03	149	768051	21.75	ng		98
79) C765 Benzo[b]fluoranthene	14.38	252	739618	20.82	ng		96
80) C770 Benzo[k]fluoranthene	14.40	252	712221	22.11	ng		96
81) C775 Benzo[a]pyrene	14.65	252	663232	21.22	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.71	276	802588	20.63	ng		89
83) C785 Dibenz[a,h]anthracene	15.72	278	693269	20.34	ng		94
84) C790 Benzo[g,h,i]perylene	16.00	276	690272	20.61	ng		97

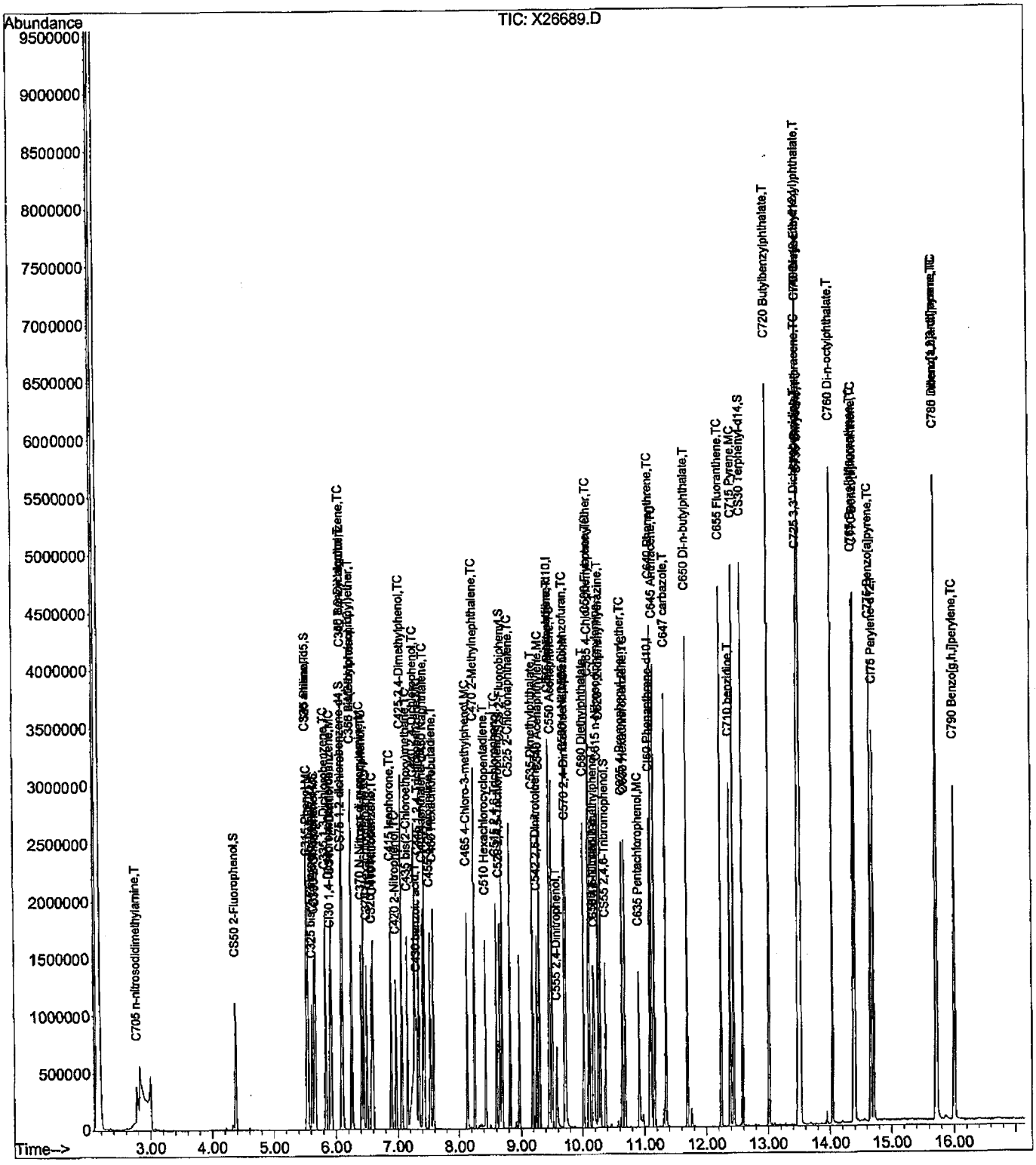
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26689.D
Acq On : 23 Sep 2008 21:13
Sample : SSTD050
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 7
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:44:27 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26689.D
Acq On : 23 Sep 2008 21:13
Sample : SSTD050
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:27 2008

Vial: 7
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	213410	40.00	ng	0.00 100.00%
20) CI40 Naphthalene-d8	7.41	136	838244	40.00	ng	0.00 100.00%
35) CI50 Acenaphthene-d10	9.47	164	455466	40.00	ng	0.00 100.00%
56) CI60 Phenanthrene-d10	11.09	188	989438	40.00	ng	0.00 100.00%
68) CI70 Chrysene-d12	13.50	240	1275040	40.00	ng	0.00 100.00%
78) CI75 Perylene-d12	14.71	264	1240460	40.00	ng	0.00 100.00%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.37	112	382748	51.78	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 34.52%			
5) CS45 Phenol-d5	5.54	99	520850	52.69	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.13%			
6) CS70 2-chlorophenol-d4	5.66	132	390760	52.06	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.71%			
12) CS75 1,2-dichlorobenzene-d	6.09	152	248437	51.68	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 51.68%			
21) CS20 Nitrobenzene-d5	6.58	82	463490	52.28	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 52.28%			
39) CS25 2-Fluorobiphenyl	8.70	172	923807	52.42	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 52.42%			
59) CS55 2,4,6-Tribromophenol	10.37	330	127649	52.97	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 35.31%			
71) CS30 Terphenyl-d14	12.59	244	1359738	52.32	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 52.32%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	227516	55.84	ng	77
4) C325 bis(2-Chloroethyl)eth	5.62	93	397693	52.04	ng	# 73
7) C315 Phenol	5.55	94	579088	52.87	ng	96
8) C330 2-Chlorophenol	5.68	128	395734	51.74	ng	89
9) C320 aniline	5.54	93	674192	53.41	ng	# 51
10) C335 1,3-Dichlorobenzene	5.84	146	435647	52.42	ng	98
11) C340 1,4-Dichlorobenzene	5.93	146	440448	51.86	ng	98
13) C350 1,2-Dichlorobenzene	6.10	146	414711	51.89	ng	95
14) C345 Benzyl alcohol	6.10	108	285873	53.15	ng	95
15) C360 bis(2-chloroisopropyl	6.25	45	577921	53.34	ng	# 1
16) C355 2-Methylphenol	6.25	108	371835	52.30	ng	92
17) C375 Hexachloroethane	6.50	117	162473	53.06	ng	83
18) C370 N-Nitroso-di-n-propyl	6.41	70	335221	53.93	ng	# 67
19) C365 4-Methylphenol	6.45	108	402883	52.65	ng	96
22) C410 Nitrobenzene	6.60	77	472108	52.08	ng	94
23) C415 Isophorone	6.89	82	860343	53.51	ng	91
24) C430 benzoic acid	7.31	122	689858	164.93	ng	# 72
25) C420 2-Nitrophenol	6.98	139	219015	53.28	ng	85
26) C425 2,4-Dimethylphenol	7.06	107	434892	52.38	ng	98
27) C435 bis(2-Chloroethoxy)me	7.16	93	484370	52.08	ng	95
28) C440 2,4-Dichlorophenol	7.27	162	347202	52.18	ng	94

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26689.D
Acq On : 23 Sep 2008 21:13
Sample : SSTD050
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:27 2008

Vial: 7
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	355068	51.27	ng		93
30) C450 Naphthalene	7.43	128	1138165	51.86	ng		98
31) C455 4-Chloroaniline	7.53	127	485173	52.50	ng		99
32) C460 Hexachlorobutadiene	7.58	225	214438	52.61	ng		96
33) C465 4-Chloro-3-methylphen	8.13	107	375034	53.43	ng		99
34) C470 2-Methylnaphthalene	8.25	142	822318	51.90	ng		97
36) C510 Hexachlorocyclopentad	8.43	237	238076	57.88	ng		92
37) C515 2,4,6-Trichlorophenol	8.60	196	249205	53.28	ng		97
38) C520 2,4,5-Trichlorophenol	8.65	196	246188	53.20	ng		98
40) C525 2-Chloronaphthalene	8.82	162	767065	52.53	ng		94
41) C530 2-Nitroaniline	10.17	65	320931	53.61	ng		89
42) C540 Acenaphthylene	9.31	152	1212119	53.58	ng		99
43) C535 Dimethylphthalate	9.19	163	892723	52.33	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	209449	53.51	ng		92
45) C550 Acenaphthene	9.51	153	682769	53.35	ng		98
46) C545 3-Nitroaniline	9.47	138	232774	53.18	ng		93
47) C555 2,4-Dinitrophenol	9.58	184	105849	55.00	ng	#	50
48) C565 Dibenzofuran	9.71	168	1131992	52.12	ng		92
49) C570 2,4-Dinitrotoluene	9.73	165	297343	53.08	ng		79
50) C560 4-Nitrophenol	9.72	109	145565	55.18	ng	#	67
51) C590 Fluorene	10.10	166	950469	52.87	ng		100
52) C585 4-Chlorophenyl-phenyl	10.11	204	462589	51.57	ng		92
53) C580 Diethylphthalate	10.02	149	905761	52.54	ng		97
54) C620 1,2-diphenylhydrazine	10.29	77	995287	52.33	ng		80
55) C595 4-Nitroaniline	10.17	138	249661	58.23	ng		90
57) C610 4,6-Dinitro-2-methylp	10.19	198	182543	56.23	ng		100
58) C615 n-Nitrosodiphenylamin	10.26	169	717385	52.28	ng		97
60) C625 4-Bromophenyl-phenyle	10.64	248	275349	51.75	ng		86
61) C630 Hexachlorobenzene	10.68	284	275159	50.37	ng		86
62) C635 Pentachlorophenol	10.91	266	133040	55.93	ng		94
63) C640 Phenanthrene	11.11	178	1420605	51.89	ng		97
64) C645 Anthracene	11.17	178	1481605	52.59	ng		97
65) C647 carbazole	11.35	167	1412585	53.49	ng		99
66) C650 Di-n-butylphthalate	11.69	149	1667217	54.01	ng		99
67) C655 Fluoranthene	12.24	202	1694234	52.85	ng		89
69) C715 Pyrene	12.44	202	1727694	51.45	ng		87
70) C710 benzidine	12.38	184	1038282	53.53	ng		100
72) C720 Butylbenzylphthalate	13.02	149	786832	52.63	ng		93
73) C725 3,3'-Dichlorobenzidin	13.47	252	761363	52.47	ng		99
74) C730 Benzo[a]anthracene	13.49	228	1801183	51.92	ng		98
75) C735 Chrysene	13.52	228	1661152	51.25	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1128639	53.17	ng		97
77) C760 Di-n-octylphthalate	14.04	149	2000313	53.13	ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	1898937	50.05	ng		98
80) C770 Benzo[k]fluoranthene	14.41	252	1858734	54.03	ng		96
81) C775 Benzo[a]pyrene	14.67	252	1739995	52.13	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	2111822	50.84	ng		91
83) C785 Dibenz[a,h]anthracene	15.73	278	1849846	50.81	ng		94
84) C790 Benzo[g,h,i]perylene	16.01	276	1800367	50.33	ng		95

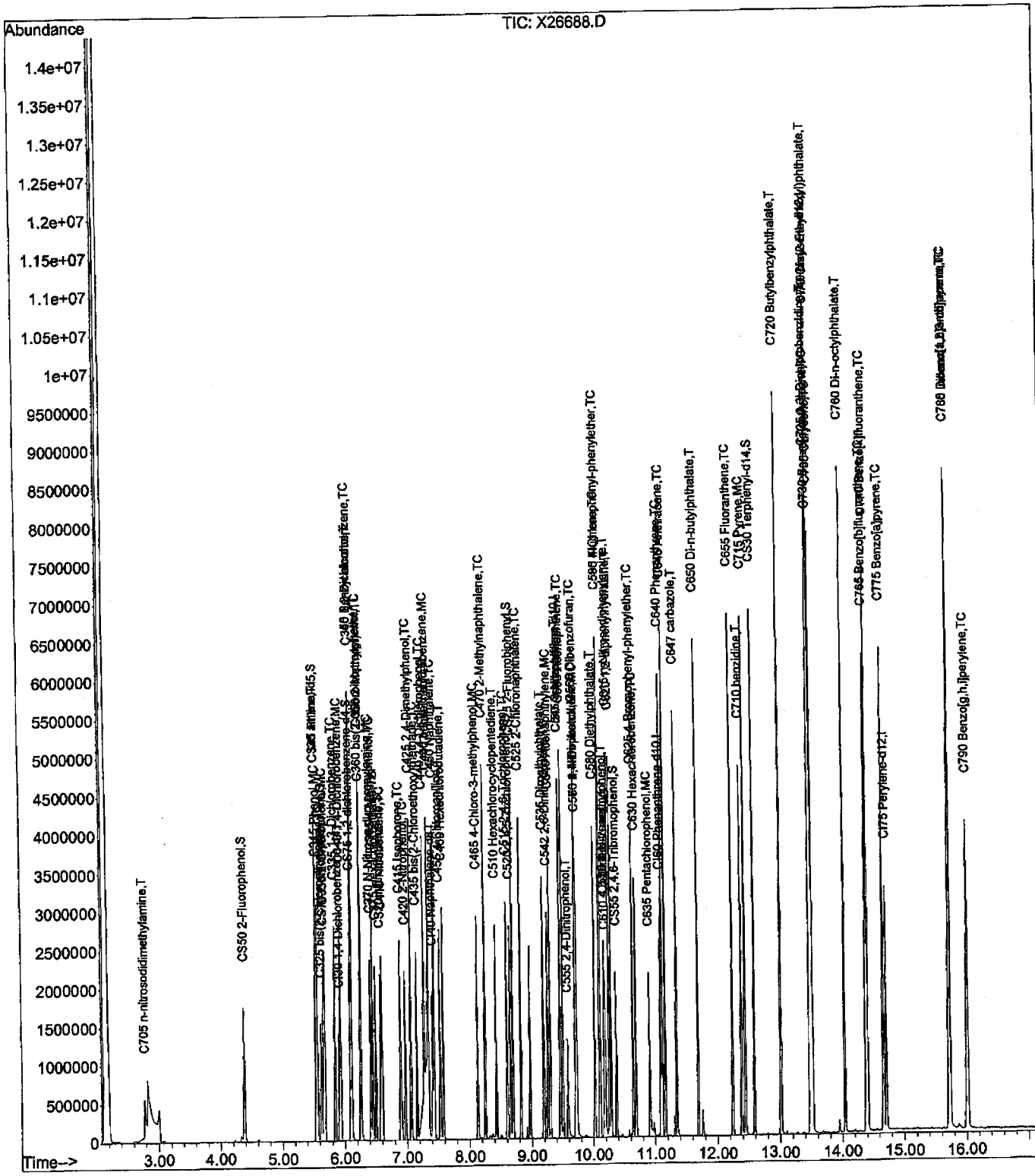
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26688.D
Acq On : 23 Sep 2008 20:51
Sample : SSTD080
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 6
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:44:22 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26688.D
Acq On : 23 Sep 2008 20:51
Sample : SSTD080
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:22 2008

Vial: 6
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	220900	40.00	ng	0.00 103.51%
20) CI40 Naphthalene-d8	7.41	136	856323	40.00	ng	0.00 102.16%
35) CI50 Acenaphthene-d10	9.47	164	484648	40.00	ng	0.00 106.41%
56) CI60 Phenanthrene-d10	11.09	188	1013559	40.00	ng	0.00 102.44%
68) CI70 Chrysene-d12	13.50	240	1279098	40.00	ng	0.00 100.32%
78) CI75 Perylene-d12	14.71	264	1238567	40.00	ng	0.00 99.85%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.38	112	617598	80.72	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 53.81%			
5) CS45 Phenol-d5	5.54	99	832750	81.39	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 54.26%			
6) CS70 2-chlorophenol-d4	5.66	132	634485	81.67	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 54.45%			
12) CS75 1,2-dichlorobenzene-d	6.09	152	387870	77.95	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 77.95%			
21) CS20 Nitrobenzene-d5	6.58	82	734013	81.04	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 81.04%			
39) CS25 2-Fluorobiphenyl	8.70	172	1460123	77.86	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 77.86%			
59) CS55 2,4,6-Tribromophenol	10.37	330	212638	86.14	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 57.43%			
71) CS30 Terphenyl-d14	12.59	244	2129286	81.68	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 81.68%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	361049	85.61	ng	79
4) C325 bis(2-Chloroethyl)eth	5.62	93	635618	80.35	ng	# 73
7) C315 Phenol	5.56	94	919141	81.07	ng	97
8) C330 2-Chlorophenol	5.68	128	634259	80.11	ng	90
9) C320 aniline	5.54	93	1057029	80.90	ng	100
10) C335 1,3-Dichlorobenzene	5.84	146	691224	80.36	ng	98
11) C340 1,4-Dichlorobenzene	5.93	146	700416	79.67	ng	97
13) C350 1,2-Dichlorobenzene	6.11	146	654855	79.16	ng	100
14) C345 Benzyl alcohol	6.11	108	475279	85.37	ng	# 89
15) C360 bis(2-chloroisopropyl	6.25	45	904930	80.69	ng	54
16) C355 2-Methylphenol	6.26	108	595267	80.89	ng	95
17) C375 Hexachloroethane	6.50	117	257143	81.13	ng	86
18) C370 N-Nitroso-di-n-propyl	6.42	70	528252	82.10	ng	# 68
19) C365 4-Methylphenol	6.45	108	658099	83.09	ng	97
22) C410 Nitrobenzene	6.60	77	748904	80.88	ng	96
23) C415 Isophorone	6.89	82	1355864	82.55	ng	90
24) C430 benzoic acid	7.34	122	1173688	274.69	ng	# 74
25) C420 2-Nitrophenol	6.98	139	353665	84.21	ng	89
26) C425 2,4-Dimethylphenol	7.07	107	702507	82.83	ng	97
27) C435 bis(2-Chloroethoxy)me	7.16	93	768160	80.85	ng	96
28) C440 2,4-Dichlorophenol	7.27	162	555326	81.69	ng	98

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26688.D
Acq On : 23 Sep 2008 20:51
Sample : SSTD080
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:22 2008

Vial: 6
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	549752	77.70	ng		87
30) C450 Naphthalene	7.44	128	1821096	81.23	ng		97
31) C455 4-Chloroaniline	7.53	127	777115	82.32	ng		98
32) C460 Hexachlorobutadiene	7.58	225	339372	81.50	ng		93
33) C465 4-Chloro-3-methylphen	8.13	107	569359	79.41	ng		98
34) C470 2-Methylnaphthalene	8.25	142	1339478	82.76	ng		92
36) C510 Hexachlorocyclopentad	8.43	237	403784	92.26	ng		95
37) C515 2,4,6-Trichlorophenol	8.61	196	419313	84.25	ng		94
38) C520 2,4,5-Trichlorophenol	8.65	196	397677	80.76	ng		99
40) C525 2-Chloronaphthalene	8.82	162	1230851	79.21	ng		97
41) C530 2-Nitroaniline	10.18	65	514998	80.85	ng		94
42) C540 Acenaphthylene	9.31	152	1813175	75.32	ng		99
43) C535 Dimethylphthalate	9.20	163	1426141	78.57	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	336664	80.84	ng		95
45) C550 Acenaphthene	9.51	153	1147378	84.25	ng		99
46) C545 3-Nitroaniline	9.47	138	385243	82.72	ng		93
47) C555 2,4-Dinitrophenol	9.58	184	193909	94.69	ng	#	57
48) C565 Dibenzofuran	9.71	168	1797840	77.79	ng		92
49) C570 2,4-Dinitrotoluene	9.73	165	483482	81.11	ng	#	67
50) C560 4-Nitrophenol	9.73	109	247077	88.02	ng	#	52
51) C590 Fluorene	10.10	166	1514104	79.14	ng		98
52) C585 4-Chlorophenyl-phenyl	10.11	204	753875	78.98	ng		92
53) C580 Diethylphthalate	10.02	149	1479807	80.68	ng		96
54) C620 1,2-diphenylhydrazine	10.29	77	1615993	79.85	ng		81
55) C595 4-Nitroaniline	10.18	138	403086	88.35	ng		96
57) C610 4,6-Dinitro-2-methylp	10.20	198	301093	90.55	ng		100
58) C615 n-Nitrosodiphenylamin	10.26	169	1149099	81.75	ng		99
60) C625 4-Bromophenyl-phenyle	10.64	248	440525	80.82	ng		87
61) C630 Hexachlorobenzene	10.69	284	456164	81.52	ng		93
62) C635 Pentachlorophenol	10.91	266	242611	99.57	ng		99
63) C640 Phenanthrene	11.12	178	2302687	82.11	ng		97
64) C645 Anthracene	11.17	178	2386171	82.68	ng		98
65) C647 carbazole	11.35	167	2258327	83.47	ng		100
66) C650 Di-n-butylphthalate	11.69	149	2638693	83.44	ng		100
67) C655 Fluoranthene	12.24	202	2668523	81.26	ng		86
69) C715 Pyrene	12.45	202	2776171	82.41	ng		83
70) C710 benzidine	12.38	184	1623417	83.43	ng		99
72) C720 Butylbenzylphthalate	13.02	149	1244517	82.97	ng		97
73) C725 3,3'-Dichlorobenzidin	13.48	252	1229878	84.49	ng		98
74) C730 Benzo[a]anthracene	13.49	228	2814391	80.87	ng		97
75) C735 Chrysene	13.53	228	2608836	80.23	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1777815	83.49	ng		97
77) C760 Di-n-octylphthalate	14.04	149	3184021	84.31	ng		98
79) C765 Benzo[b]fluoranthene	14.39	252	3171042	83.70	ng		96
80) C770 Benzo[k]fluoranthene	14.41	252	2733143	79.57	ng		97
81) C775 Benzo[a]pyrene	14.67	252	2795260	83.88	ng		100
82) C780 Indeno[1,2,3-cd]pyren	15.73	276	3366095	81.16	ng		99
83) C785 Dibenz[a,h]anthracene	15.73	278	2967686	81.63	ng		97
84) C790 Benzo[g,h,i]perylene	16.02	276	2864880	80.20	ng		97

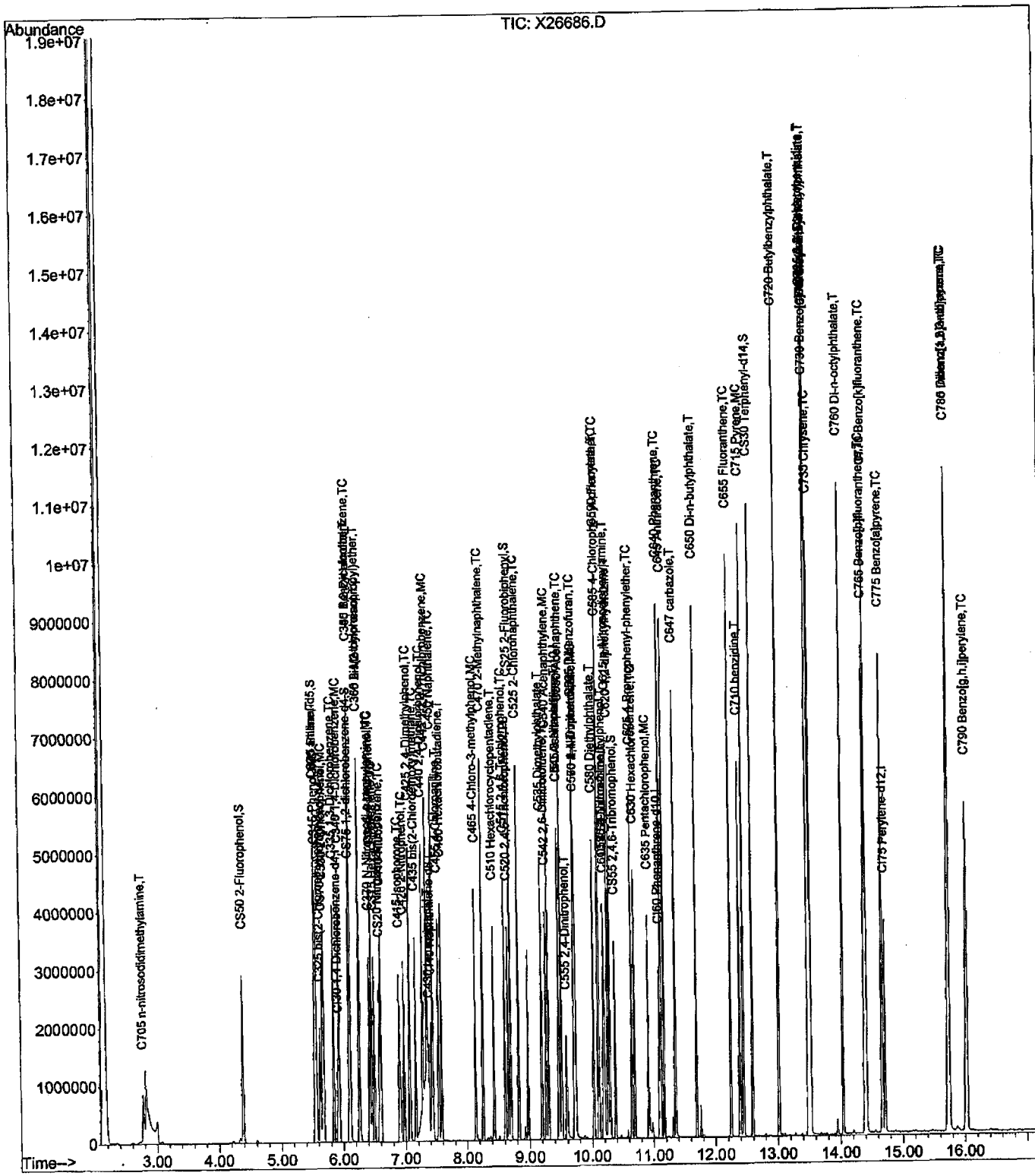
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26686.D
Acq On : 23 Sep 2008 20:05
Sample : SSTD120
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 4
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:44:11 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26686.D
Acq On : 23 Sep 2008 20:05
Sample : SSTD120
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:11 2008

Vial: 4
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	225551	40.00	ng	0.00 105.69%
20) CI40 Naphthalene-d8	7.41	136	880327	40.00	ng	0.00 105.02%
35) CI50 Acenaphthene-d10	9.47	164	507638	40.00	ng	0.00 111.45%
56) CI60 Phenanthrene-d10	11.09	188	1065908	40.00	ng	0.00 107.73%
68) CI70 Chrysene-d12	13.51	240	1400084	40.00	ng	0.00 109.81%
78) CI75 Perylene-d12	14.71	264	1401527	40.00	ng	0.00 112.98%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.38	112	880895	112.76	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 75.17%			
5) CS45 Phenol-d5	5.55	99	1191535	114.05	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 76.03%			
6) CS70 2-chlorophenol-d4	5.66	132	916969	115.60	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 77.07%			
12) CS75 1,2-dichlorobenzene-d	6.09	152	565375	111.28	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 111.28%#			
21) CS20 Nitrobenzene-d5	6.59	82	1051465	112.92	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 112.92%			
39) CS25 2-Fluorobipheny1	8.70	172	2098325	106.82	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 106.82%			
59) CS55 2,4,6-Tribromophenol	10.37	330	311418	119.96	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 79.97%			
71) CS30 Terphenyl-d14	12.59	244	3150426	110.41	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 110.41%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.76	74	522367	121.31	ng	79
4) C325 bis(2-Chloroethyl)eth	5.63	93	898869	111.29	ng	# 71
7) C315 Phenol	5.56	94	1319811	114.01	ng	93
8) C330 2-Chlorophenol	5.68	128	901196	111.48	ng	88
9) C320 aniline	5.54	93	1502411	112.61	ng	96
10) C335 1,3-Dichlorobenzene	5.84	146	986875	112.36	ng	97
11) C340 1,4-Dichlorobenzene	5.93	146	1011826	112.72	ng	98
13) C350 1,2-Dichlorobenzene	6.11	146	954978	113.06	ng	99
14) C345 Benzyl alcohol	6.11	108	675394	118.81	ng	90
15) C360 bis(2-chloroisopropyl	6.26	45	1278615	111.66	ng	# 1
16) C355 2-Methylphenol	6.26	108	877575	116.79	ng	89
17) C375 Hexachloroethane	6.50	117	362516	112.01	ng	82
18) C370 N-Nitroso-di-n-propyl	6.42	70	746785	113.68	ng	# 69
19) C365 4-Methylphenol	6.45	108	933045	115.37	ng	96
22) C410 Nitrobenzene	6.61	77	1056859	111.02	ng	97
23) C415 Isophorone	6.90	82	1893373	112.13	ng	89
24) C430 benzoic acid	7.38	122	1718704	391.27	ng	# 73
25) C420 2-Nitrophenol	6.98	139	512511	118.71	ng	89
26) C425 2,4-Dimethylphenol	7.07	107	998513	114.52	ng	98
27) C435 bis(2-Chloroethoxy)me	7.16	93	1089946	111.59	ng	96
28) C440 2,4-Dichlorophenol	7.28	162	779880	111.60	ng	97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26686.D
Acq On : 23 Sep 2008 20:05
Sample : SSTD120
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:11 2008

Vial: 4
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	808057	111.10	ng		91
30) C450 Naphthalene	7.44	128	2604568	113.01	ng		97
31) C455 4-Chloroaniline	7.53	127	1110713	114.45	ng		98
32) C460 Hexachlorobutadiene	7.58	225	487456	113.88	ng		96
33) C465 4-Chloro-3-methylphen	8.13	107	802972	108.93	ng		99
34) C470 2-Methylnaphthalene	8.25	142	1883169	113.18	ng		97
36) C510 Hexachlorocyclopentad	8.43	237	579959	126.52	ng		95
37) C515 2,4,6-Trichlorophenol	8.61	196	575519	110.39	ng		97
38) C520 2,4,5-Trichlorophenol	8.65	196	567092	109.95	ng		97
40) C525 2-Chloronaphthalene	8.82	162	1754812	107.82	ng		98
41) C530 2-Nitroaniline	10.19	65	757862	113.59	ng		88
42) C540 Acenaphthylene	9.31	152	2664276	105.66	ng		98
43) C535 Dimethylphthalate	9.20	163	2035603	107.07	ng		99
44) C542 2,6-Dinitrotoluene	9.27	165	487774	111.81	ng		94
45) C550 Acenaphthene	9.51	153	1656804	116.15	ng		99
46) C545 3-Nitroaniline	9.47	138	558220	114.43	ng		95
47) C555 2,4-Dinitrophenol	9.59	184	299332	139.56	ng	#	51
48) C565 Dibenzofuran	9.72	168	2585343	106.80	ng		95
49) C570 2,4-Dinitrotoluene	9.74	165	687510	110.11	ng	#	57
50) C560 4-Nitrophenol	9.73	109	353012	120.06	ng	#	57
51) C590 Fluorene	10.11	166	2166127	108.10	ng		98
52) C585 4-Chlorophenyl-phenyl	10.12	204	1063237	106.35	ng		95
53) C580 Diethylphthalate	10.03	149	2077184	108.12	ng		98
54) C620 1,2-diphenylhydrazine	10.29	77	2269586	107.07	ng		80
55) C595 4-Nitroaniline	10.19	138	587987	123.04	ng		92
57) C610 4,6-Dinitro-2-methylp	10.20	198	444369	127.07	ng		100
58) C615 n-Nitrosodiphenylamin	10.26	169	1650834	111.68	ng		99
60) C625 4-Bromophenyl-phenyle	10.64	248	630775	110.03	ng	#	84
61) C630 Hexachlorobenzene	10.69	284	645033	109.61	ng		87
62) C635 Pentachlorophenol	10.91	266	365749	142.74	ng		95
63) C640 Phenanthrene	11.12	178	3267872	110.81	ng		98
64) C645 Anthracene	11.17	178	3402548	112.10	ng		98
65) C647 carbazole	11.35	167	3231176	113.57	ng		100
66) C650 Di-n-butylphthalate	11.69	149	3756208	112.95	ng		99
67) C655 Fluoranthene	12.24	202	3878367	112.30	ng		89
69) C715 Pyrene	12.45	202	4088244	110.87	ng		88
70) C710 benzidine	12.39	184	2437208	114.42	ng		99
72) C720 Butylbenzylphthalate	13.02	149	1829151	111.41	ng		91
73) C725 3,3'-Dichlorobenzidin	13.48	252	1866698	117.15	ng		97
74) C730 Benzo[a]anthracene	13.50	228	4205013	110.39	ng		98
75) C735 Chrysene	13.53	228	3900087	109.57	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.51	149	2632510	112.95	ng		99
77) C760 Di-n-octylphthalate	14.05	149	4800816	116.13	ng		98
79) C765 Benzo[b]fluoranthene	14.39	252	4978134	116.12	ng		97
80) C770 Benzo[k]fluoranthene	14.42	252	4247621	109.29	ng		95
81) C775 Benzo[a]pyrene	14.68	252	4321691	114.61	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.75	276	5416245	115.40	ng		96
83) C785 Dibenz[a,h]anthracene	15.75	278	4793131	116.52	ng		96
84) C790 Benzo[g,h,i]perylene	16.03	276	4580071	113.31	ng		96

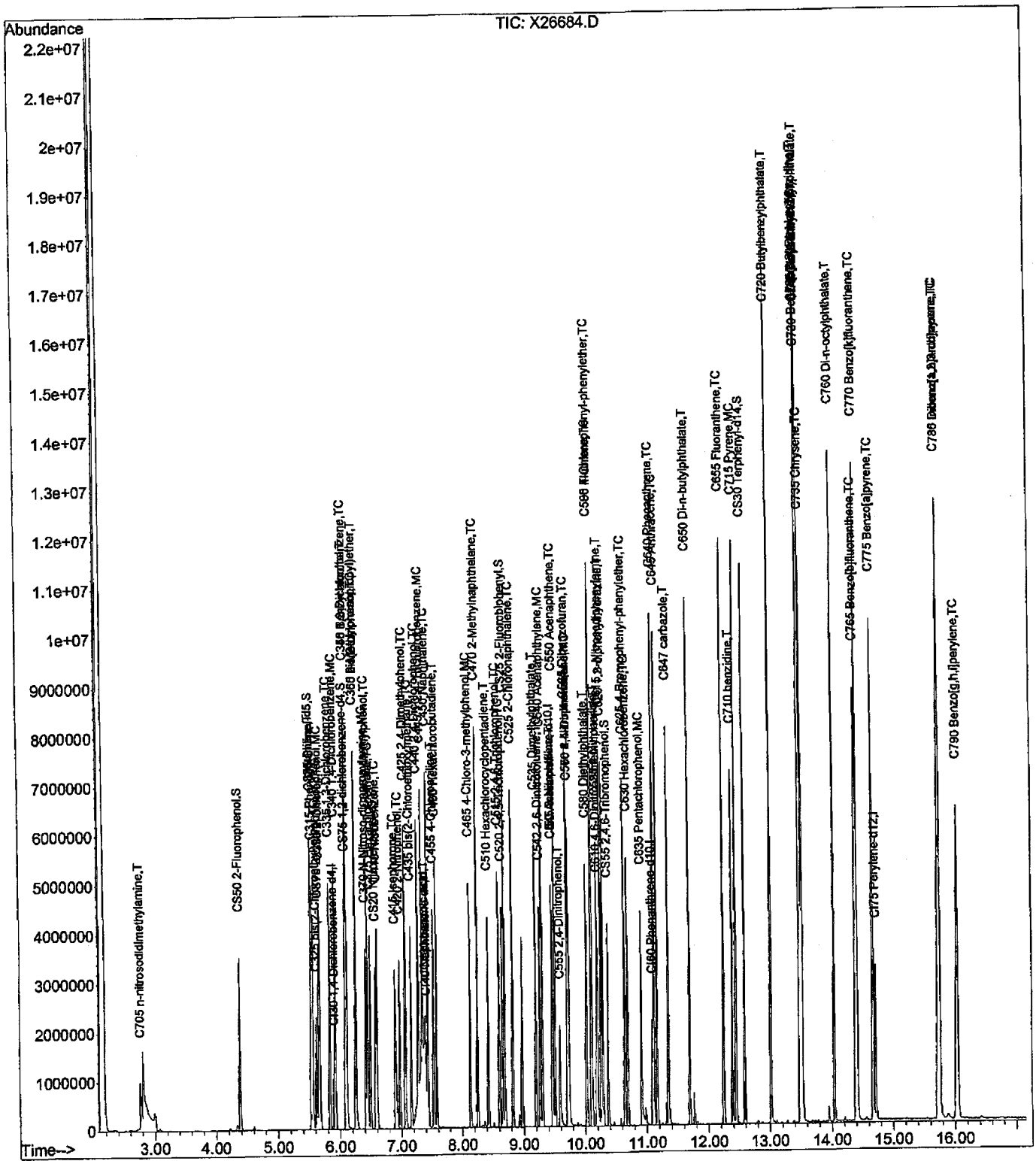
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26684.D
Acq On : 23 Sep 2008 19:20
Sample : SSTD160
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:45:00 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26684.D
Acq On : 23 Sep 2008 19:20
Sample : SSTD160
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:45:00 2008

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	193711	40.00	ng	0.00 90.77%
20) CI40 Naphthalene-d8	7.41	136	730916	40.00	ng	0.00 87.20%
35) CI50 Acenaphthene-d10	9.47	164	420329	40.00	ng	0.00 92.29%
56) CI60 Phenanthrene-d10	11.10	188	882887	40.00	ng	0.00 89.23%
68) CI70 Chrysene-d12	13.51	240	1185057	40.00	ng	0.01 92.94%
78) CI75 Perylene-d12	14.72	264	1204769	40.00	ng	0.02 97.12%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.38	112	1103228	164.44	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 109.63%			
5) CS45 Phenol-d5	5.55	99	1487030	165.73	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 110.49%#			
6) CS70 2-chlorophenol-d4	5.67	132	1099902	161.45	ng	0.01
Spiked Amount 150.000	Range 33 - 110		Recovery = 107.63%			
12) CS75 1,2-dichlorobenzene-d	6.09	152	684200	156.80	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 156.80%#			
21) CS20 Nitrobenzene-d5	6.58	82	1285123	166.23	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 166.23%#			
39) CS25 2-Fluorobiphenyl	8.70	172	2492123	153.22	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 153.22%#			
59) CS55 2,4,6-Tribromophenol	10.38	330	376367	175.03	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 116.69%			
71) CS30 Terphenyl-d14	12.60	244	3772735	156.20	ng	0.01
Spiked Amount 100.000	Range 33 - 141		Recovery = 156.20%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	647729	175.15	ng	79
4) C325 bis(2-Chloroethyl)eth	5.63	93	1098909	158.42	ng	# 72
7) C315 Phenol	5.57	94	1601336	161.07	ng	92
8) C330 2-Chlorophenol	5.68	128	1119730	161.28	ng	88
9) C320 aniline	5.54	93	1808513	157.84	ng	98
10) C335 1,3-Dichlorobenzene	5.84	146	1214679	161.03	ng	98
11) C340 1,4-Dichlorobenzene	5.93	146	1236390	160.37	ng	97
13) C350 1,2-Dichlorobenzene	6.11	146	1163713	160.41	ng	97
14) C345 Benzyl alcohol	6.11	108	809183	165.75	ng	88
15) C360 bis(2-chloroisopropyl	6.26	45	1525591	155.13	ng	# 1
16) C355 2-Methylphenol	6.26	108	1065522	165.11	ng	95
17) C375 Hexachloroethane	6.50	117	441748	158.93	ng	83
18) C370 N-Nitroso-di-n-propyl	6.42	70	908353	161.00	ng	# 71
19) C365 4-Methylphenol	6.46	108	1135228	163.44	ng	97
22) C410 Nitrobenzene	6.61	77	1273392	161.11	ng	93
23) C415 Isophorone	6.90	82	2297419	163.86	ng	90
24) C430 benzoic acid	7.40	122	2164326m	593.44	ng	# 1
25) C420 2-Nitrophenol	6.98	139	623504	173.94	ng	87
26) C425 2,4-Dimethylphenol	7.07	107	1211587	167.36	ng	99
27) C435 bis(2-Chloroethoxy)me	7.16	93	1329030	163.89	ng	96
28) C440 2,4-Dichlorophenol	7.28	162	957407	165.01	ng	97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26684.D
Acq On : 23 Sep 2008 19:20
Sample : SSTD160
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:45:00 2008

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	987337	163.49	ng		96
30) C450 Naphthalene	7.44	128	3137191	163.94	ng		98
31) C455 4-Chloroaniline	7.54	127	1332852	165.42	ng		100
32) C460 Hexachlorobutadiene	7.58	225	602745	169.59	ng		94
33) C465 4-Chloro-3-methylphen	8.13	107	1013429	165.59	ng		98
34) C470 2-Methylnaphthalene	8.26	142	2289588	165.74	ng		95
36) C510 Hexachlorocyclopentad	8.43	237	740321	195.04	ng		96
37) C515 2,4,6-Trichlorophenol	8.61	196	682091	158.01	ng		98
38) C520 2,4,5-Trichlorophenol	8.66	196	699174	163.71	ng		95
40) C525 2-Chloronaphthalene	8.83	162	2109485	156.54	ng		97
41) C530 2-Nitroaniline	10.20	65	906610	164.11	ng		91
42) C540 Acenaphthylene	9.31	152	3262654	156.27	ng		98
43) C535 Dimethylphthalate	9.20	163	2471389	156.99	ng		100
44) C542 2,6-Dinitrotoluene	9.27	165	590665	163.53	ng		91
45) C550 Acenaphthene	9.51	153	2001359	169.45	ng		99
46) C545 3-Nitroaniline	9.48	138	666969	165.12	ng		93
47) C555 2,4-Dinitrophenol	9.59	184	388619	218.82	ng	#	54
48) C565 Dibenzofuran	9.72	168	3158026	157.55	ng		95
49) C570 2,4-Dinitrotoluene	9.74	165	842684	163.00	ng	#	55
50) C560 4-Nitrophenol	9.74	109	435240	178.78	ng	#	55
51) C590 Fluorene	10.11	166	2640917	159.17	ng		99
52) C585 4-Chlorophenyl-phenyl	10.12	204	1296825	156.66	ng		93
53) C580 Diethylphthalate	10.03	149	2554677	160.59	ng		98
54) C620 1,2-diphenylhydrazine	10.29	77	2695401	153.57	ng		78
55) C595 4-Nitroaniline	10.20	138	724887	183.20	ng		94
57) C610 4,6-Dinitro-2-methylp	10.21	198	545568	188.35	ng		100
58) C615 n-Nitrosodiphenylamin	10.27	169	1991448	162.65	ng		98
60) C625 4-Bromophenyl-phenyle	10.65	248	772813	162.76	ng		87
61) C630 Hexachlorobenzene	10.69	284	772975	158.58	ng		92
62) C635 Pentachlorophenol	10.92	266	470261	221.58	ng		100
63) C640 Phenanthrene	11.12	178	3960347	162.13	ng		98
64) C645 Anthracene	11.18	178	4155745	165.30	ng		97
65) C647 carbazole	11.36	167	3914944	166.13	ng		100
66) C650 Di-n-butylphthalate	11.69	149	4621474	167.78	ng		100
67) C655 Fluoranthene	12.25	202	4755371	166.23	ng		88
69) C715 Pyrene	12.45	202	4874349	156.17	ng		86
70) C710 benzidine	12.39	184	2947207	163.47	ng		99
72) C720 Butylbenzylphthalate	13.02	149	2232904	160.69	ng		97
73) C725 3,3'-Dichlorobenzidin	13.49	252	2285084	169.43	ng		96
74) C730 Benzo[a]anthracene	13.50	228	5120966	158.82	ng		98
75) C735 Chrysene	13.53	228	4828410	160.27	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.51	149	3210718	162.75	ng		97
77) C760 Di-n-octylphthalate	14.05	149	5919904	169.19	ng		99
79) C765 Benzo[b]fluoranthene	14.40	252	6132553	166.41	ng		97
80) C770 Benzo[k]fluoranthene	14.43	252	5359016	160.40	ng		97
81) C775 Benzo[a]pyrene	14.68	252	5495207	169.53	ng		100
82) C780 Indeno[1,2,3-cd]pyren	15.77	276	6915711	171.41	ng		92
83) C785 Dibenz[a,h]anthracene	15.77	278	6088707	172.18	ng		96
84) C790 Benzo[g,h,i]perylene	16.06	276	5902813	169.89	ng		96

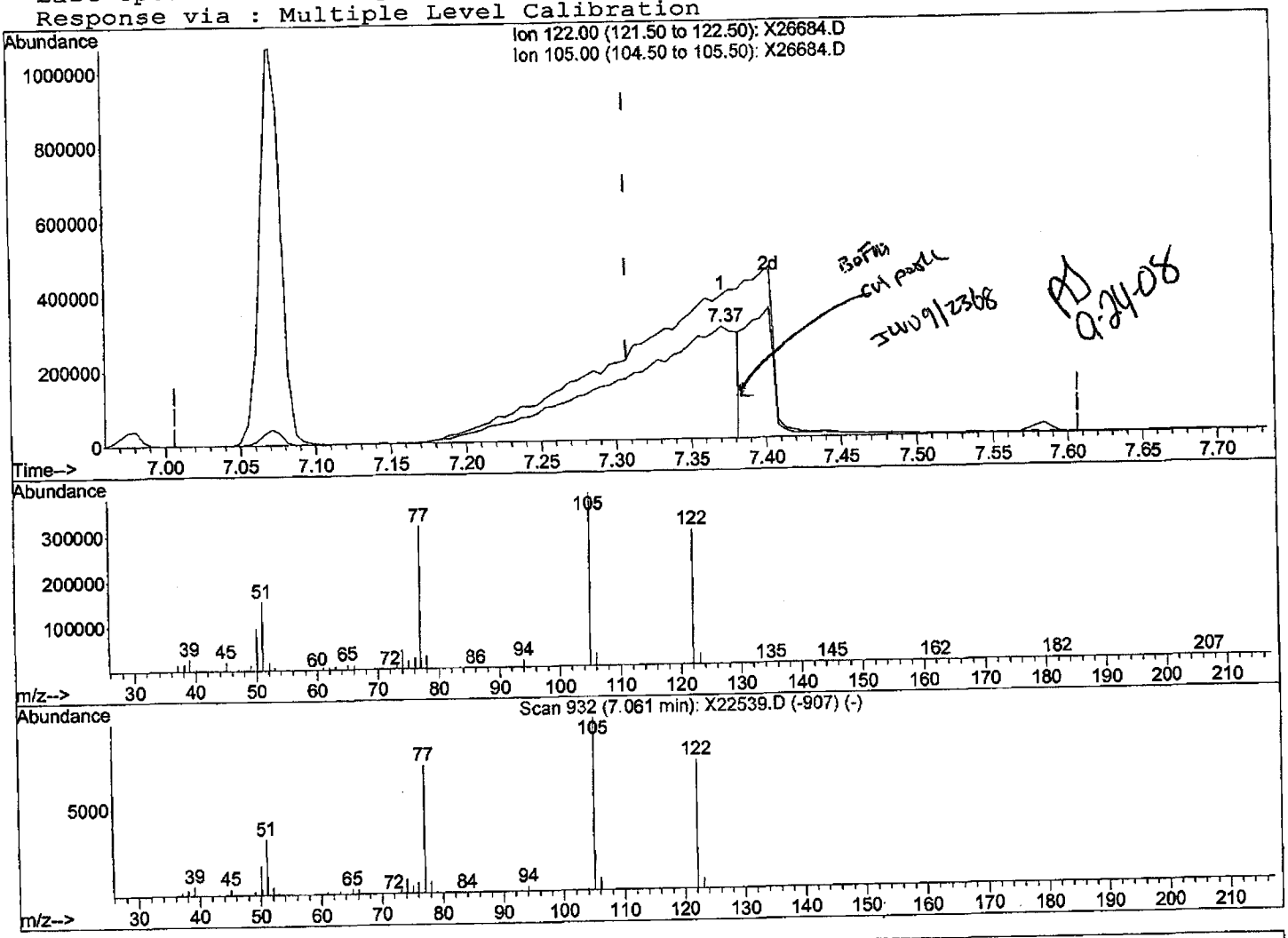
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\092308\X26684.D
Acq On : 23 Sep 2008 19:20
Sample : SSTD160
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:02 2008

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Multiple Level Calibration



TIC: X26684.D

(24) C430 benzoic acid (T)

7.37min (+0.064) 466.15ng

response 1700102

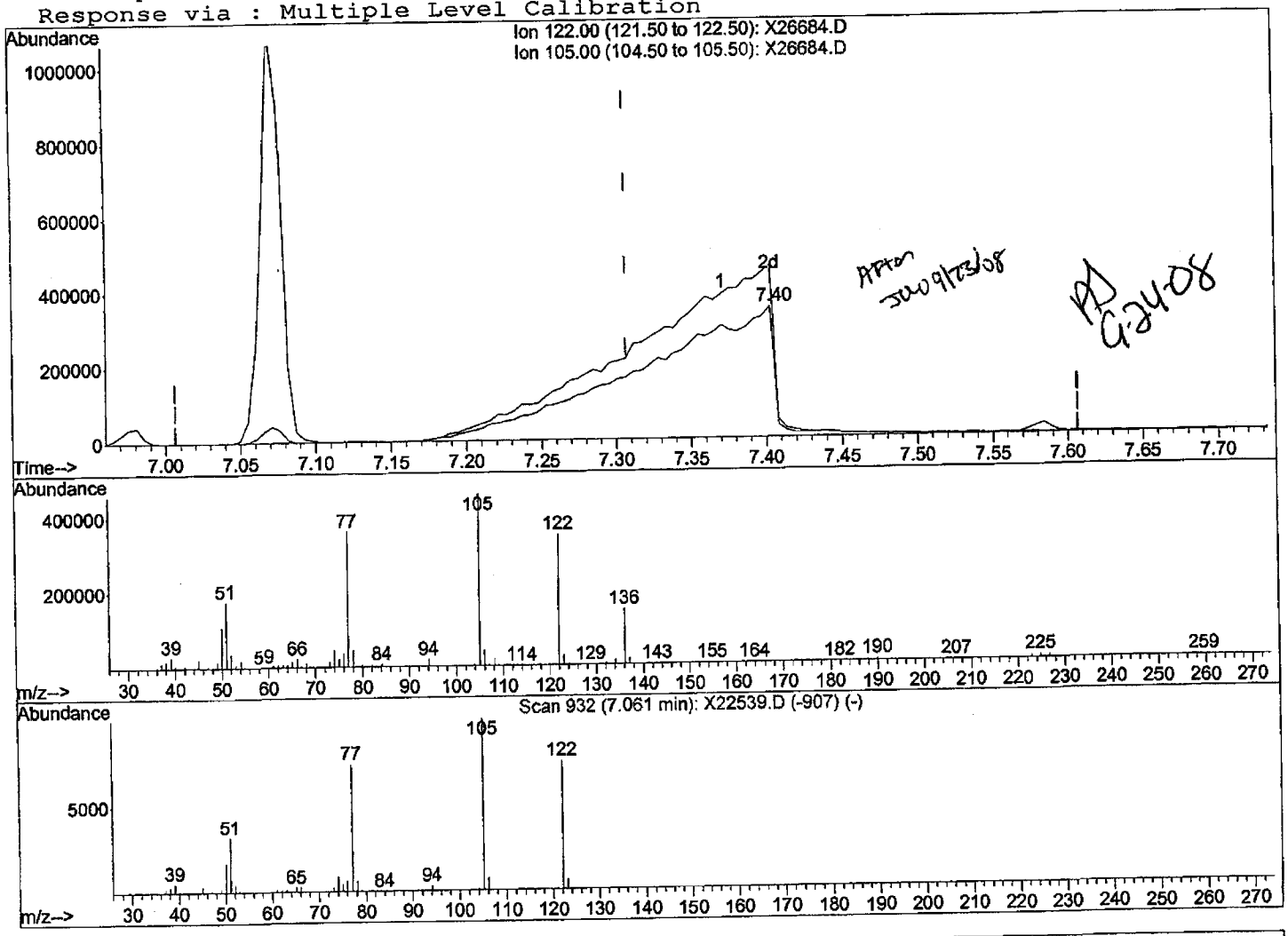
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\092308\X26684.D
Acq On : 23 Sep 2008 19:20
Sample : SSTD160
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:44:02 2008

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:43:56 2008
Response via : Multiple Level Calibration



TIC: X26684.D

(24) C430 benzoic acid (T)

7.40min (+0.096) 593.44ng m

response 2164326

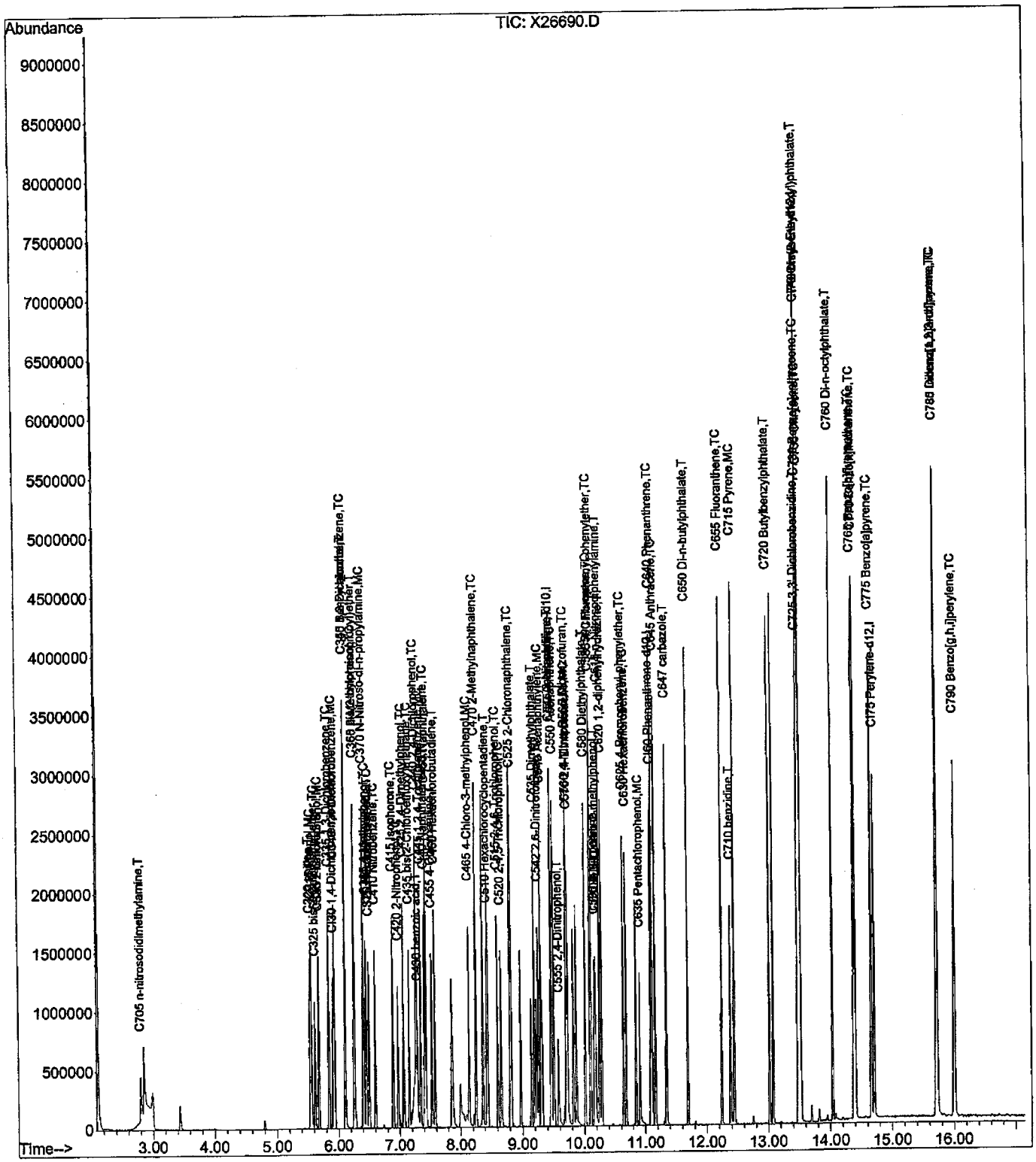
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26690.D
Acq On : 23 Sep 2008 21:36
Sample : CHECK050
Misc : SSCAL (09/08/08)
MS Integration Params: rteint.p

Vial: 8
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 23 21:56:29 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:55:55 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26690.D
Acq On : 23 Sep 2008 21:36
Sample : CHECK050
Misc : SSCAL (09/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:56:29 2008

Vial: 8
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:55:55 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	197010	40.00	ng	0.00 92.32%
20) CI40 Naphthalene-d8	7.41	136	799432	40.00	ng	0.00 95.37%
35) CI50 Acenaphthene-d10	9.47	164	429592	40.00	ng	0.00 94.32%
56) CI60 Phenanthrene-d10	11.09	188	980630	40.00	ng	0.00 99.11%
68) CI70 Chrysene-d12	13.50	240	1162431	40.00	ng	0.00 91.17%
78) CI75 Perylene-d12	14.71	264	1040523	40.00	ng	0.00 83.88%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount 150.000	Range 21 - 110		Recovery = 0.00%#			
5) CS45 Phenol-d5	5.68	99	23254	2.55	ng	0.14
Spiked Amount 150.000	Range 10 - 110		Recovery = 1.70%#			
6) CS70 2-chlorophenol-d4	5.68	132	453	0.07	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.05%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.50	82	39112	4.63	ng	-0.08
Spiked Amount 100.000	Range 34 - 114		Recovery = 4.63%#			
39) CS25 2-Fluorobiphenyl	8.70	172	242	0.01	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 0.01%#			
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount 150.000	Range 10 - 123		Recovery = 0.00%#			
71) CS30 Terphenyl-d14	12.59	244	1381	0.06	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 0.06%#			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethylam	2.80	74	193794	48.53 ng	# 74
4) C325 bis(2-Chloroethyl)eth	5.62	93	360687	51.13 ng	# 74
7) C315 Phenol	5.56	94	528836	52.30 ng	94
8) C330 2-Chlorophenol	5.68	128	366897	51.96 ng	88
9) C320 aniline	5.54	93	565025	48.49 ng	97
10) C335 1,3-Dichlorobenzene	5.84	146	412465	53.77 ng	94
11) C340 1,4-Dichlorobenzene	5.93	146	424569	54.15 ng	95
13) C350 1,2-Dichlorobenzene	6.11	146	402258	54.52 ng	98
14) C345 Benzyl alcohol	6.11	108	252003	50.75 ng	89
15) C360 bis(2-chloroisopropyl	6.26	45	509249	50.92 ng	# 1
16) C355 2-Methylphenol	6.26	108	366392	55.82 ng	93
17) C375 Hexachloroethane	6.50	117	156017	55.19 ng	90
18) C370 N-Nitroso-di-n-propyl	6.41	70	294853	51.39 ng	# 70
19) C365 4-Methylphenol	6.45	108	383749	54.33 ng	85
22) C410 Nitrobenzene	6.60	77	434243	50.23 ng	95
23) C415 Isophorone	6.89	82	745112	48.59 ng	90
24) C430 benzoic acid	7.30	122	489515	128.72 ng	# 73
25) C420 2-Nitrophenol	6.98	139	196273	50.06 ng	89
26) C425 2,4-Dimethylphenol	7.07	107	395174	49.91 ng	97
27) C435 bis(2-Chloroethoxy)me	7.16	93	432420	48.75 ng	97
28) C440 2,4-Dichlorophenol	7.27	162	317370	50.01 ng	97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092308\X26690.D
Acq On : 23 Sep 2008 21:36
Sample : CHECK050
Misc : SSCAL (09/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 23 21:56:29 2008

Vial: 8
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 21:55:55 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092308\X26689.D (23 Sep 2008 21:13)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	334577	50.65	ng		96
30) C450 Naphthalene	7.43	128	1052114	50.27	ng		98
31) C455 4-Chloroaniline	7.53	127	434100	49.26	ng		99
32) C460 Hexachlorobutadiene	7.58	225	195577	50.31	ng		95
33) C465 4-Chloro-3-methylphen	8.13	107	335721	50.15	ng		96
34) C470 2-Methylnaphthalene	8.25	142	770477	50.99	ng		97
36) C510 Hexachlorocyclopentad	8.43	237	217017	50.22	ng		96
37) C515 2,4,6-Trichlorophenol	8.60	196	227324	51.53	ng		98
38) C520 2,4,5-Trichlorophenol	8.66	196	246010	56.36	ng		99
40) C525 2-Chloronaphthalene	8.82	162	698240	50.70	ng		97
41) C530 2-Nitroaniline	10.17	65	305018	54.02	ng		89
42) C540 Acenaphthylene	9.31	152	1089046	51.04	ng		100
43) C535 Dimethylphthalate	9.19	163	836333	51.98	ng		98
44) C542 2,6-Dinitrotoluene	9.26	165	209341	56.71	ng		88
45) C550 Acenaphthene	9.51	153	628739	52.09	ng		98
46) C545 3-Nitroaniline	9.46	138	198150	48.00	ng		96
47) C555 2,4-Dinitrophenol	9.58	184	118500	56.77	ng	#	50
48) C565 Dibenzofuran	9.71	168	1057071	51.60	ng		96
49) C570 2,4-Dinitrotoluene	9.73	165	287659	54.44	ng		73
50) C560 4-Nitrophenol	9.72	109	144199	54.89	ng	#	68
51) C590 Fluorene	10.10	166	866257	51.08	ng		100
52) C585 4-Chlorophenyl-phenyl	10.11	204	430448	50.88	ng		92
53) C580 Diethylphthalate	10.02	149	851186	52.35	ng		96
54) C620 1,2-diphenylhydrazine	10.29	77	907006	50.56	ng		80
55) C595 4-Nitroaniline	10.17	138	233931	52.88	ng		91
57) C610 4,6-Dinitro-2-methylp	10.19	198	188234	54.17	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	807060	59.34	ng		99
60) C625 4-Bromophenyl-phenyle	10.64	248	256598	48.65	ng		88
61) C630 Hexachlorobenzene	10.68	284	248014	45.81	ng		88
62) C635 Pentachlorophenol	10.91	266	130633	49.16	ng		96
63) C640 Phenanthrene	11.11	178	1346716	49.64	ng		98
64) C645 Anthracene	11.17	178	1344209	48.14	ng		98
65) C647 carbazole	11.35	167	1272755	48.62	ng		100
66) C650 Di-n-butylphthalate	11.69	149	1560253	51.00	ng		100
67) C655 Fluoranthene	12.24	202	1573714	49.53	ng		89
69) C715 Pyrene	12.44	202	1670192	54.55	ng		87
70) C710 benzidine	12.38	184	658549	37.24	ng		99
72) C720 Butylbenzylphthalate	13.02	149	751223	55.11	ng		92
73) C725 3,3'-Dichlorobenzidin	13.47	252	592453	44.78	ng		98
74) C730 Benzo[a]anthracene	13.49	228	1698248	53.70	ng		98
75) C735 Chrysene	13.52	228	1612883	54.58	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1086754	56.16	ng		96
77) C760 Di-n-octylphthalate	14.04	149	1932952	56.32	ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	1806994	56.77	ng		98
80) C770 Benzo[k]fluoranthene	14.41	252	1746273	60.52	ng		94
81) C775 Benzo[a]pyrene	14.67	252	1792841	64.04	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	2129251	61.11	ng		96
83) C785 Dibenz[a,h]anthracene	15.73	278	1827816	59.85	ng		95
84) C790 Benzo[g,h,i]perylene	16.01	276	1773283	59.09	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000720-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973X Calibration Dates(s): 09/30/2008 09/30/2008

Calibration Times: 09:36 11:30

Lab File ID: RRF5 = X26837.RR RRF20 = X26838.RR RRF50 = X26839.RR
RRF80 = X26840.RR RRF120 = X26841.RR RRF160 = X26842.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol *	1.831	2.125	1.958	1.885	1.766	1.935	1.9160	6.400*
Bis(2-chloroethyl) ether	1.699	1.861	1.682	1.629	1.484	1.542	1.6490	8.000
2-Chlorophenol	1.292	1.517	1.404	1.355	1.210	1.268	1.3410	8.200
2-Methylphenol	1.341	1.463	1.340	1.309	1.188	1.227	1.3110	7.400
2,2'-Oxybis(1-Chloropropane	2.256	2.415	2.277	2.201	1.964	2.036	2.1920	7.600
4-Methylphenol	1.336	1.475	1.375	1.348	1.226	1.268	1.3380	6.500
N-Nitroso-Di-n-propylamine #	1.180	1.347	1.274	1.247	1.120	1.160	1.2210	6.800#
Hexachloroethane	0.635	0.757	0.707	0.682	0.618	0.657	0.6760	7.500
Nitrobenzene	0.479	0.571	0.562	0.530	0.484	0.516	0.5240	7.400
Isophorone	0.828	0.986	0.960	0.908	0.827	0.849	0.8930	7.800
2-Nitrophenol *	0.126	0.158	0.176	0.176	0.167	0.183	0.1640	12.600*
2,4-Dimethylphenol	0.405	0.473	0.466	0.448	0.409	0.430	0.4380	6.500
Bis(2-chloroethoxy) methane	0.474	0.563	0.555	0.522	0.471	0.502	0.5140	7.600
2,4-Dichlorophenol *	0.303	0.339	0.334	0.321	0.292	0.307	0.3160	5.900*
Naphthalene	1.044	1.138	1.104	1.035	0.963	1.037	1.0540	5.800
4-Chloroaniline	0.412	0.463	0.451	0.431	0.386	0.403	0.4240	6.900
Hexachlorobutadiene *	0.214	0.250	0.234	0.220	0.201	0.221	0.2230	7.500*
4-Chloro-3-methylphenol *	0.330	0.379	0.383	0.364	0.332	0.338	0.3540	6.700*
2-Methylnaphthalene	0.680	0.765	0.732	0.698	0.644	0.675	0.6990	6.200
Hexachlorocyclopentadiene #	0.395	0.481	0.479	0.477	0.454	0.513	0.4660	8.500#
2,4,6-Trichlorophenol *	0.310	0.381	0.392	0.380	0.370	0.406	0.3730	8.900*
2,4,5-Trichlorophenol	0.335	0.407	0.413	0.418	0.393	0.420	0.3980	8.100
2-Chloronaphthalene	1.166	1.299	1.231	1.186	1.114	1.221	1.2030	5.200
2-Nitroaniline	0.304	0.453	0.476	0.470	0.435	0.457	0.4320	14.900
Dimethyl phthalate	1.305	1.542	1.495	1.446	1.339	1.394	1.4200	6.400
Acenaphthylene	1.735	2.007	1.902	1.868	1.760	1.865	1.8560	5.300
2,6-Dinitrotoluene	0.209	0.300	0.311	0.311	0.290	0.306	0.2880	13.700
3-Nitroaniline	0.221	0.324	0.338	0.340	0.320	0.338	0.3130	14.800
Acenaphthene *	1.085	1.212	1.182	1.138	1.060	1.130	1.1340	5.000*
2,4-Dinitrophenol #	0.065	0.081	0.107	0.123	0.130	0.146	0.1090	28.400#
4-Nitrophenol #	0.156	0.242	0.278	0.281	0.278	0.291	0.2540	20.000#
Dibenzofuran	1.705	1.828	1.808	1.709	1.607	1.696	1.7250	4.700
2,4-Dinitrotoluene	0.264	0.411	0.450	0.439	0.416	0.437	0.4030	17.300
Diethyl phthalate	1.301	1.545	1.475	1.444	1.335	1.381	1.4130	6.500
4-Chlorophenyl phenyl ether	0.649	0.752	0.710	0.677	0.630	0.659	0.6800	6.600
Fluorene	1.367	1.547	1.485	1.424	1.331	1.378	1.4220	5.700
4-Nitroaniline	0.233	0.326	0.357	0.353	0.342	0.358	0.3280	14.600

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000720-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973X Calibration Dates(s): 09/30/2008 09/30/2008

Calibration Times: 09:36 11:30

Lab File ID: RRF5 = X26837.RR RRF20 = X26838.RR RRF50 = X26839.RR
RRF80 = X26840.RR RRF120 = X26841.RR RRF160 = X26842.RR

COMPOUND		RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol		0.046	0.069	0.097	0.108	0.110	0.125	0.0920	32.000
N-nitrosodiphenylamine	*	0.488	0.586	0.578	0.551	0.504	0.535	0.5400	7.300*
4-Bromophenyl phenyl ether		0.203	0.228	0.225	0.212	0.193	0.209	0.2120	6.100
Hexachlorobenzene		0.229	0.241	0.233	0.227	0.213	0.222	0.2270	4.200
Pentachlorophenol	*	0.066	0.106	0.124	0.130	0.127	0.141	0.1160	23.300*
Phenanthrene		1.054	1.198	1.160	1.114	1.016	1.072	1.1020	6.200
Anthracene		1.088	1.254	1.204	1.151	1.042	1.108	1.1410	6.800
Di-n-butyl phthalate		1.171	1.481	1.446	1.398	1.288	1.374	1.3600	8.400
Fluoranthene	*	1.266	1.429	1.408	1.379	1.282	1.417	1.3640	5.200*
Pyrene		1.043	1.171	1.078	1.004	0.909	0.979	1.0310	8.700
Butyl benzyl phthalate		0.433	0.545	0.538	0.515	0.471	0.508	0.5020	8.500
3,3'-Dichlorobenzidine		0.394	0.516	0.507	0.494	0.462	0.497	0.4780	9.500
Benzo(a)anthracene		1.029	1.196	1.128	1.068	0.986	1.068	1.0790	6.900
Chrysene		1.043	1.107	1.053	1.000	0.924	1.034	1.0270	6.000
Bis(2-ethylhexyl) phthalate		0.659	0.826	0.810	0.758	0.683	0.741	0.7460	8.900
Di-n-octyl phthalate	*	1.066	1.504	1.524	1.447	1.326	1.476	1.3900	12.500*
Benzo(b)fluoranthene		1.087	1.272	1.115	1.072	1.030	1.287	1.1440	9.500
Benzo(k)fluoranthene		0.948	1.095	1.063	1.025	0.851	0.735	0.9530	14.500
Benzo(a)pyrene	*	0.951	1.113	1.041	1.008	0.907	0.978	1.0000	7.200*
Indeno(1,2,3-cd)pyrene		1.281	1.491	1.345	1.320	1.239	1.354	1.3380	6.400
Dibenzo(a,h)anthracene		1.149	1.277	1.167	1.164	1.076	1.166	1.1660	5.500
Benzo(ghi)perylene		1.189	1.301	1.167	1.152	1.064	1.181	1.1750	6.500
Carbazole		1.027	1.199	1.175	1.132	1.060	1.142	1.1230	5.900
Nitrobenzene-D5		0.448	0.546	0.537	0.515	0.473	0.509	0.5050	7.400
2-Fluorobiphenyl		1.374	1.533	1.479	1.419	1.335	1.458	1.4330	5.000
p-Terphenyl-d14		0.777	0.833	0.763	0.723	0.657	0.720	0.7450	8.000
Phenol-D5		1.939	2.170	2.018	1.971	1.805	1.880	1.9640	6.400
2-Fluorophenol		1.529	1.700	1.618	1.555	1.380	1.468	1.5410	7.300
2,4,6-Tribromophenol		0.059	0.088	0.100	0.102	0.094	0.104	0.0910	18.200

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0720.M
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:19:35 2008
Response Via : Initial Calibration

8270
(A8I...0720)

Calibration Files
5 =X26837.D 20 =X26838.D 50 =X26839.D
80 =X26840.D 120 =X26841.D 160 =X26842.D

			Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30	1,4-Dichlorobenz	----------ISTD----------							
2)	T	C705	n-nitrosodidim	0.789	1.104	1.075	1.090	0.983	1.045	1.014	11.66
3)	S	CS50	2-Fluorophenol	1.528	1.700	1.618	1.555	1.380	1.468	1.541	7.27
4)	TC	C325	bis(2-Chloroet	1.699	1.861	1.682	1.629	1.484	1.542	1.649	8.03
5)	S	CS45	Phenol-d5	1.939	2.170	2.017	1.971	1.805	1.880	1.964	6.36
6)	S	CS70	2-chlorophenol	1.307	1.459	1.369	1.316	1.187	1.252	1.315	7.14
7)	MC	C315	Phenol	1.831	2.125	1.958	1.885	1.765	1.934	1.916	6.45
8)	MC	C330	2-Chlorophenol	1.292	1.517	1.404	1.355	1.210	1.268	1.341	8.18
9)	T	C320	aniline	2.562	2.899	2.700	2.699	2.437	2.476	2.629	6.54
10)	TC	C335	1,3-Dichlorobe	1.555	1.715	1.626	1.568	1.417	1.520	1.567	6.39
11)	MC	C340	1,4-Dichlorobe	1.576	1.739	1.652	1.575	1.443	1.511	1.583	6.57
12)	S	CS75	1,2-dichlorobe	0.910	0.973	0.877	0.843	0.761	0.811	0.863	8.67
13)	TC	C350	1,2-Dichlorobe	1.483	1.625	1.531	1.460	1.331	1.408	1.473	6.87
14)	T	C345	Benzyl alcohol	0.906	1.106	1.048	1.025	0.928	0.969	0.997	7.68
15)	T	C360	bis(2-chlorois	2.256	2.415	2.277	2.201	1.964	2.035	2.191	7.57
16)	TC	C355	2-Methylphenol	1.340	1.463	1.340	1.309	1.188	1.227	1.311	7.41
17)	TC	C375	Hexachloroetha	0.634	0.757	0.707	0.682	0.618	0.656	0.676	7.54
18)	MC	C370	N-Nitroso-di-n	1.180	1.347	1.274	1.247	1.120	1.160	1.221	6.85
19)	TC	C365	4-Methylphenol	1.336	1.475	1.375	1.348	1.226	1.268	1.338	6.48
20)	I	CI40	Naphthalene-d8	----------ISTD----------							
21)	S	CS20	Nitrobenzene-d	0.448	0.546	0.537	0.515	0.473	0.509	0.505	7.46
22)	TC	C410	Nitrobenzene	0.479	0.571	0.562	0.530	0.483	0.516	0.524	7.38
23)	TC	C415	Isophorone	0.828	0.986	0.960	0.908	0.827	0.849	0.893	7.76
24)	T	C430	benzoic acid	0.113	0.163	0.185	0.197	0.200	0.218	-----	
								L	M= 0.234	R=0.996	
									B= -0.230		
25)	TC	C420	2-Nitrophenol	0.126	0.158	0.176	0.176	0.167	0.183	0.164	12.60
26)	TC	C425	2,4-Dimethylph	0.405	0.473	0.465	0.448	0.409	0.430	0.438	6.51
27)	TC	C435	bis(2-Chloroet	0.474	0.562	0.555	0.522	0.471	0.502	0.514	7.63
28)	TC	C440	2,4-Dichloroph	0.303	0.339	0.334	0.321	0.292	0.307	0.316	5.87
29)	MC	C445	1,2,4-Trichlor	0.327	0.374	0.355	0.337	0.306	0.332	0.339	6.95
30)	TC	C450	Naphthalene	1.044	1.138	1.104	1.035	0.963	1.037	1.054	5.76
31)	T	C455	4-Chloroanilin	0.412	0.463	0.451	0.431	0.386	0.403	0.424	6.94
32)	T	C460	Hexachlorobuta	0.214	0.250	0.234	0.220	0.201	0.221	0.223	7.54
33)	MC	C465	4-Chloro-3-met	0.330	0.379	0.383	0.364	0.332	0.338	0.354	6.69
34)	TC	C470	2-Methylnaphth	0.680	0.765	0.732	0.698	0.644	0.675	0.699	6.24
35)	I	CI50	Acenaphthene-d10	----------ISTD----------							
36)	T	C510	Hexachlorocycl	0.395	0.481	0.479	0.477	0.454	0.513	0.466	8.54
37)	TC	C515	2,4,6-Trichlor	0.310	0.381	0.392	0.380	0.370	0.406	0.373	8.92
38)	TC	C520	2,4,5-Trichlor	0.335	0.407	0.413	0.418	0.393	0.420	0.398	8.07
39)	S	CS25	2-Fluorobiphen	1.374	1.533	1.479	1.419	1.335	1.458	1.433	5.04
40)	TC	C525	2-Chloronaphth	1.166	1.299	1.231	1.186	1.114	1.221	1.203	5.25
41)	T	C530	2-Nitroaniline	0.304	0.453	0.476	0.470	0.435	0.457	0.432	14.90
42)	MC	C540	Acenaphthylene	1.735	2.007	1.902	1.868	1.760	1.865	1.856	5.33
43)	T	C535	Dimethylphthal	1.304	1.542	1.495	1.446	1.339	1.394	1.420	6.44
44)	TC	C542	2,6-Dinitrotol	0.209	0.300	0.311	0.311	0.290	0.306	0.288	13.74
45)	TC	C550	Acenaphthene	1.085	1.212	1.182	1.138	1.060	1.130	1.134	5.04
46)	T	C545	3-Nitroaniline	0.221	0.324	0.338	0.340	0.320	0.338	0.313	14.76
47)	T	C555	2,4-Dinitrophe	0.065	0.081	0.107	0.123	0.130	0.146	-----	
								L	M= 0.150	R=0.992	
									B= -0.043		
48)	TC	C565	Dibenzofuran	1.705	1.828	1.808	1.709	1.607	1.696	1.725	4.70
49)	MC	C570	2,4-Dinitrotol	0.264	0.411	0.450	0.439	0.416	0.437	-----	
								L	M= 0.433	R=0.998	

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
Method File : A8I0720.M
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:19:35 2008
Response Via : Initial Calibration

Calibration Files
5 =X26837.D 20 =X26838.D 50 =X26839.D
80 =X26840.D 120 =X26841.D 160 =X26842.D

										B= -0.002		
50)	M	C560	4-Nitrophenol	0.156	0.241	0.278	0.281	0.278	0.291	-----		
									L	M= 0.295	R=0.999	
										B= -0.028		
51)	TC	C590	Fluorene	1.367	1.547	1.485	1.424	1.331	1.378	1.422		5.70
52)	TC	C585	4-Chlorophenyl	0.649	0.752	0.710	0.677	0.630	0.659	0.680		6.55
53)	T	C580	Diethylphthala	1.301	1.545	1.475	1.444	1.335	1.381	1.413		6.47
54)	T	C620	1,2-diphenylhy	1.740	2.045	1.924	1.836	1.667	1.726	1.823		7.78
55)	T	C595	4-Nitroaniline	0.233	0.326	0.357	0.353	0.342	0.357	0.328		14.61
56)	I	CI60	Phenanthrene-d10	----------ISTD----------								
57)	T	C610	4,6-Dinitro-2-	0.046	0.069	0.097	0.108	0.110	0.125	-----		
									L	M= 0.128	R=0.994	
										B= -0.034		
58)	T	C615	n-Nitrosodiphe	0.488	0.586	0.578	0.551	0.504	0.535	0.540		7.29
59)	S	CS55	2,4,6-Tribromo	0.059	0.088	0.100	0.101	0.094	0.104	-----		
									L	M= 0.102	R=0.996	
										B= -0.006		
60)	TC	C625	4-Bromophenyl-	0.203	0.228	0.225	0.212	0.193	0.209	0.212		6.15
61)	TC	C630	Hexachlorobenz	0.229	0.241	0.233	0.227	0.213	0.222	0.227		4.20
62)	MC	C635	Pentachlorophe	0.066	0.106	0.124	0.130	0.127	0.141	-----		
									L	M= 0.143	R=0.996	
										B= -0.023		
63)	TC	C640	Phenanthrene	1.054	1.198	1.160	1.114	1.016	1.072	1.102		6.20
64)	TC	C645	Anthracene	1.088	1.254	1.203	1.151	1.042	1.108	1.141		6.84
65)	T	C647	carbazole	1.027	1.199	1.175	1.132	1.060	1.142	1.123		5.92
66)	T	C650	Di-n-butylphth	1.171	1.481	1.446	1.398	1.288	1.374	1.360		8.35
67)	TC	C655	Fluoranthene	1.266	1.429	1.408	1.379	1.282	1.417	1.364		5.24
68)	I	CI70	Chrysene-d12	----------ISTD----------								
69)	MC	C715	Pyrene	1.043	1.171	1.078	1.004	0.909	0.979	1.031		8.72
70)	T	C710	benzidine	0.553	0.627	0.572	0.545	0.524	0.591	0.569		6.45
71)	S	CS30	Terphenyl-d14	0.777	0.833	0.763	0.723	0.657	0.720	0.745		8.04
72)	T	C720	Butylbenzylpht	0.433	0.545	0.538	0.515	0.471	0.508	0.502		8.50
73)	T	C725	3,3'-Dichlorob	0.394	0.516	0.507	0.494	0.462	0.497	0.478		9.48
74)	TC	C730	Benzo[a]anthra	1.029	1.195	1.128	1.068	0.986	1.068	1.079		6.86
75)	TC	C735	Chrysene	1.043	1.107	1.053	1.000	0.923	1.033	1.026		5.98
76)	T	C740	bis(2-Ethylhex	0.659	0.826	0.810	0.758	0.683	0.741	0.746		8.93
77)	T	C760	Di-n-octylphth	1.066	1.504	1.524	1.447	1.326	1.476	1.390		12.49
78)	I	CI75	Perylene-d12	----------ISTD----------								
79)	TC	C765	Benzo[b]fluora	1.087	1.272	1.115	1.072	1.030	1.287	1.144		9.50
80)	TC	C770	Benzo[k]fluora	0.948	1.095	1.063	1.025	0.851	0.735	0.953		14.51
81)	TC	C775	Benzo[a]pyrene	0.951	1.113	1.041	1.008	0.907	0.978	1.000		7.21
82)	TC	C780	Indeno[1,2,3-c	1.281	1.491	1.345	1.320	1.239	1.353	1.338		6.43
83)	TC	C785	Dibenz[a,h]ant	1.149	1.277	1.167	1.164	1.076	1.166	1.166		5.52
84)	TC	C790	Benzo[g,h,i]pe	1.189	1.301	1.167	1.152	1.064	1.181	1.175		6.47

Total Average %RSD 7.69

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0720.M Tue Sep 30 19:21:34 2008

Date: 09/30/2008 ICC Profile Page: 1
Time: 19:26:28 Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6 Default Min. RRF: 0.0500 QC Approver: PM
CCC Conc: 50.00 QC Date: 02/20/2008

Comments:

			ng On Column					
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3 Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8 Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2 2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2 3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9 Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5 2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7 4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9 Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2 2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2 Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3 4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7 Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6 4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1 4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6 N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3 4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1 Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5 Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8 Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7 Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2 Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0 Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0 Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7 Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1 3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3 Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9 Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7 Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0 Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2 Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9 Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8 Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5 Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3 Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2 Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0 Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8 2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0 p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4 Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2 Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4 2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6 2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7 1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9 Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9 Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2 Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0 Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8 Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13 Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2 1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6 1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3 1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786	122-66-7 1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3 1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4 sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0 m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2 1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1 1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4 1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4 1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1 Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0 1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9 1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7 1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3 2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2 2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0 2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5 2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5 2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL 2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9 2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F 2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5 2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7 2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8 2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8 2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9 2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0 2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0 2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4 2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0 2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3 2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2 2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1 2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7 2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8 2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8 2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7 2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7 3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4 3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8 3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1 3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2 3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0 3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5 3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0 3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH 3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7 3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8 3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5 3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4 3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4 4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1 4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9 4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840	4-CLPYR 4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5 4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8 5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6 7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2 Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3 Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8 Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3 Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2 Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5 Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5 Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2 Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4 Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4 Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0 Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9 Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6 Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4 Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4 Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9 Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5 2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7 Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5 Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8 Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6 Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3 Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4 Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4 Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0 Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3 Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7 Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4 Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7 Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6 Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0 Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1 Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0 Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5 Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3 Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0 Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2 N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7 N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3 N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5 N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9 N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6 N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2 N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4 N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2 N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1 O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4 o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892	60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893	99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894	56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895	608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896	82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897	62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898	122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899	101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900	298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901	85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902	23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903	110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904	108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905	94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906	03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907	CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908	297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909	1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910	78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911	115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912	98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913	94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914	2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915	611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916	102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917	620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918	104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919	98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920	106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921	371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922	100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923	106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924	126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925	74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926	2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927	140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928	52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929	109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930	C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931	127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932	100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933	1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934	126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940	112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990	95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991	86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993	933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994	109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995	545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996	50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997	DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

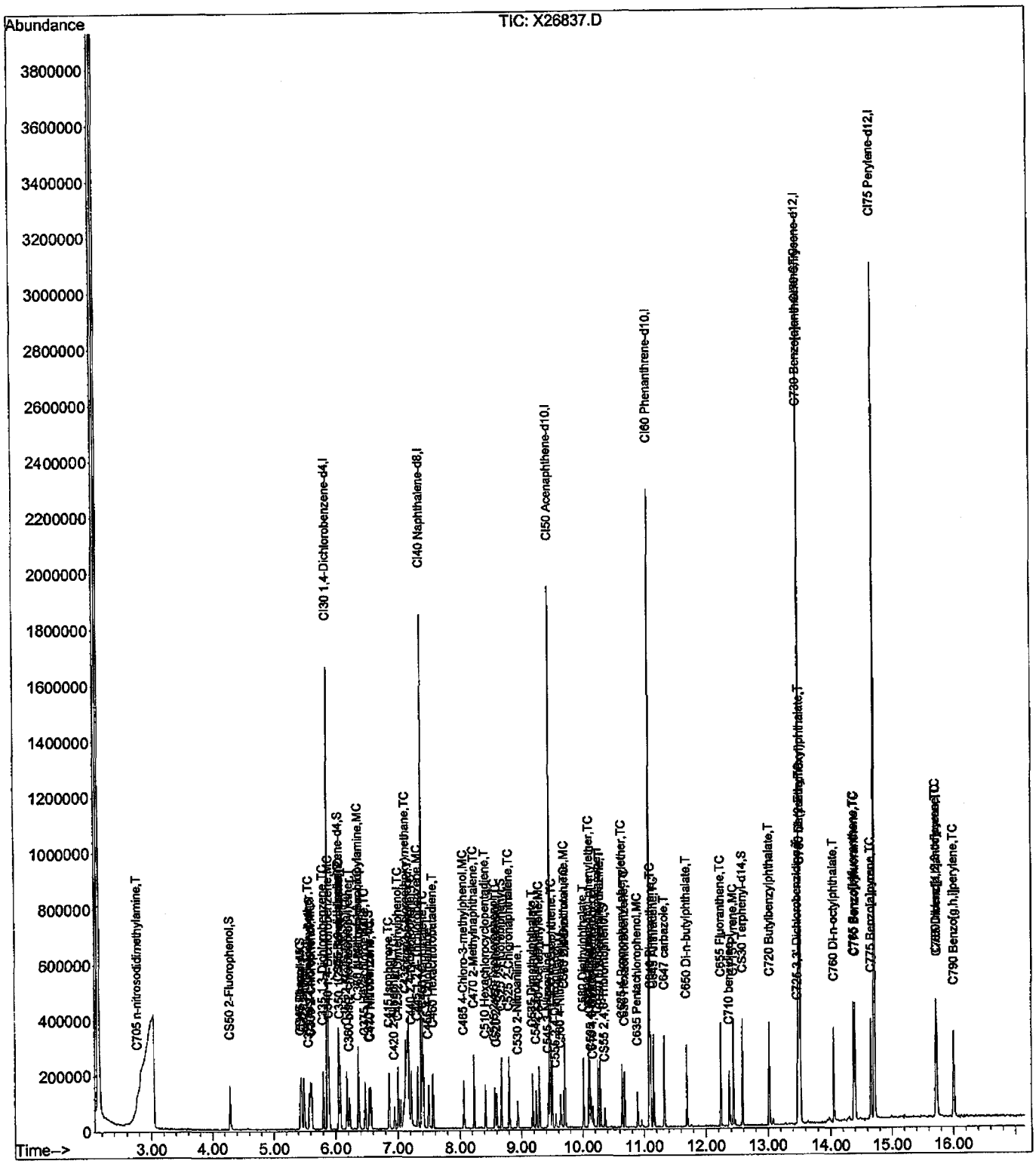
		ng On Column					
Seq	Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998 100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999 TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26837.D
Acq On : 30 Sep 2008 9:36
Sample : SSTD005
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 19:18:10 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26837.D
Acq On : 30 Sep 2008 9:36
Sample : SSTD005
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:18:10 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	225016	40.00	ng	0.01 100.70%
20) CI40 Naphthalene-d8	7.39	136	768764	40.00	ng	0.01 102.45%
35) CI50 Acenaphthene-d10	9.46	164	413656	40.00	ng	0.01 97.40%
56) CI60 Phenanthrene-d10	11.09	188	770407	40.00	ng	0.01 98.78%
68) CI70 Chrysene-d12	13.50	240	982591	40.00	ng	0.00 91.35%
78) CI75 Perylene-d12	14.71	264	1234125	40.00	ng	0.00 88.85%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.29	112	42991	4.96	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	3.31%#		
5) CS45 Phenol-d5	5.44	99	54547	4.94	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	3.29%#		
6) CS70 2-chlorophenol-d4	5.60	132	36758	4.97	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	3.31%#		
12) CS75 1,2-dichlorobenzene-d	6.06	152	25601	5.28	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	5.28%#		
21) CS20 Nitrobenzene-d5	6.54	82	43034	4.44	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	4.44%#		
39) CS25 2-Fluorobiphenyl	8.68	172	71041	4.79	ng	0.01
Spiked Amount 100.000	Range 43 - 116		Recovery =	4.79%#		
59) CS55 2,4,6-Tribromophenol	10.36	330	5704	3.26	ng	0.01
Spiked Amount 150.000	Range 10 - 123		Recovery =	2.17%#		
71) CS30 Terphenyl-d14	12.59	244	95439	5.21	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	5.21%#		
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	22194	3.89	ng	79
4) C325 bis(2-Chloroethyl)eth	5.58	93	47779	5.15	ng	# 68
7) C315 Phenol	5.45	94	51512	4.78	ng	93
8) C330 2-Chlorophenol	5.62	128	36346	4.82	ng	# 76
9) C320 aniline	5.49	93	72057	4.87	ng	90
10) C335 1,3-Dichlorobenzene	5.80	146	43749	4.96	ng	99
11) C340 1,4-Dichlorobenzene	5.90	146	44336	4.98	ng	99
13) C350 1,2-Dichlorobenzene	6.08	146	41725	5.04	ng	94
14) C345 Benzyl alcohol	6.06	108	25469	4.54	ng	96
15) C360 bis(2-chloroisopropyl	6.23	45	63464	5.15	ng	91
16) C355 2-Methylphenol	6.18	108	37703	5.11	ng	85
17) C375 Hexachloroethane	6.47	117	17846	4.69	ng	98
18) C370 N-Nitroso-di-n-propyl	6.38	70	33190	4.83	ng	# 71
19) C365 4-Methylphenol	6.37	108	37575	4.99	ng	94
22) C410 Nitrobenzene	6.56	77	45993	4.57	ng	96
23) C415 Isophorone	6.86	82	79558	4.64	ng	95
24) C430 benzoic acid	7.18	122	217976	68.13	ng	# 78
25) C420 2-Nitrophenol	6.94	139	12083	3.83	ng	88
26) C425 2,4-Dimethylphenol	7.01	107	38879	4.62	ng	93
27) C435 bis(2-Chloroethoxy)me	7.13	93	45519	4.61	ng	93
28) C440 2,4-Dichlorophenol	7.22	162	29127	4.79	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26837.D
Acq On : 30 Sep 2008 9:36
Sample : SSTD005
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:18:10 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	31456	4.83	ng		86
30) C450 Naphthalene	7.41	128	100344	4.96	ng		98
31) C455 4-Chloroaniline	7.50	127	39582	4.85	ng		100
32) C460 Hexachlorobutadiene	7.57	225	20580	4.80	ng		95
33) C465 4-Chloro-3-methylphen	8.07	107	31715	4.66	ng		90
34) C470 2-Methylnaphthalene	8.23	142	65305	4.86	ng		97
36) C510 Hexachlorocyclopentad	8.42	237	20419	4.23	ng		98
37) C515 2,4,6-Trichlorophenol	8.57	196	16014m	3.89	ng		92
38) C520 2,4,5-Trichlorophenol	8.61	196	17336	4.22	ng		89
40) C525 2-Chloronaphthalene	8.80	162	60303	4.85	ng		94
41) C530 2-Nitroaniline	8.94	65	15725	3.52	ng		89
42) C540 Acenaphthylene	9.29	152	89691	4.67	ng		95
43) C535 Dimethylphthalate	9.18	163	67451	4.59	ng		97
44) C542 2,6-Dinitrotoluene	9.24	165	10801	3.63	ng	#	63
45) C550 Acenaphthene	9.50	153	56090	4.78	ng		98
46) C545 3-Nitroaniline	9.43	138	11403	3.52	ng		90
47) C555 2,4-Dinitrophenol	9.56	184	6690	5.96	ng	#	39
48) C565 Dibenzofuran	9.71	168	88136	4.94	ng		86
49) C570 2,4-Dinitrotoluene	9.71	165	13631	3.27	ng	#	25
50) C560 4-Nitrophenol	9.64	109	16149	6.14	ng	#	40
51) C590 Fluorene	10.10	166	70680	4.81	ng		99
52) C585 4-Chlorophenyl-phenyl	10.12	204	33550	4.77	ng		91
53) C580 Diethylphthalate	10.01	149	67285	4.60	ng		97
54) C620 1,2-diphenylhydrazine	10.29	77	89973	4.77	ng		92
55) C595 4-Nitroaniline	10.14	138	12065	3.56	ng	#	81
57) C610 4,6-Dinitro-2-methylp	10.17	198	8790	4.95	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	46982	4.51	ng		87
60) C625 4-Bromophenyl-phenyle	10.64	248	19560	4.80	ng	#	79
61) C630 Hexachlorobenzene	10.68	284	22039	5.03	ng		90
62) C635 Pentachlorophenol	10.90	266	12720	5.70	ng		98
63) C640 Phenanthrene	11.11	178	101514	4.78	ng		99
64) C645 Anthracene	11.16	178	104750	4.77	ng		99
65) C647 carbazole	11.33	167	98904	4.57	ng		94
66) C650 Di-n-butylphthalate	11.69	149	112801	4.31	ng		94
67) C655 Fluoranthene	12.24	202	121912	4.64	ng		86
69) C715 Pyrene	12.44	202	128045	5.06	ng		80
70) C710 benzidine	12.38	184	67897	4.86	ng		96
72) C720 Butylbenzylphthalate	13.03	149	53149	4.31	ng		88
73) C725 3,3'-Dichlorobenzidin	13.47	252	48353	4.12	ng		98
74) C730 Benzo[a]anthracene	13.49	228	126374	4.77	ng		96
75) C735 Chrysene	13.52	228	128066	5.08	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.52	149	80904	4.41	ng		94
77) C760 Di-n-octylphthalate	14.05	149	130894	3.83	ng		100
79) C765 Benzo[b]fluoranthene	14.38	252	167706	4.29	ng		97
80) C770 Benzo[k]fluoranthene	14.40	252	146175	4.06	ng		93
81) C775 Benzo[a]pyrene	14.66	252	146725	4.76	ng		96
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	197666	4.79	ng		81
83) C785 Dibenz[a,h]anthracene	15.73	278	177175	4.92	ng		91
84) C790 Benzo[g,h,i]perylene	16.01	276	183374	5.06	ng		90

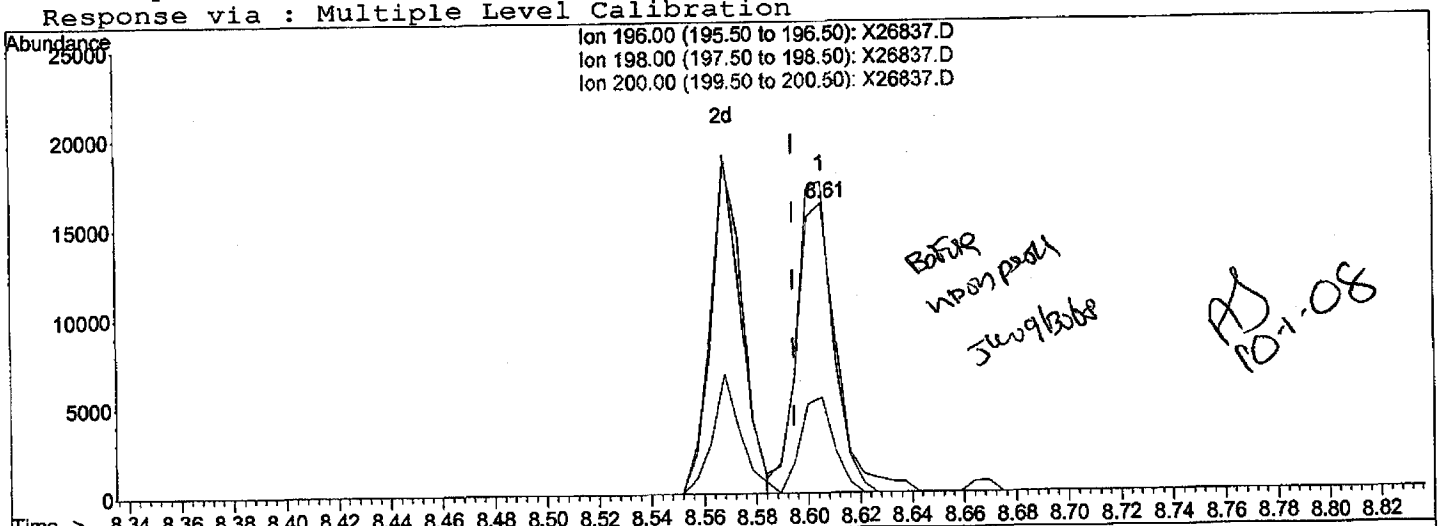
(#) = qualifier out of range (m) = manual integration (+) = signals summed

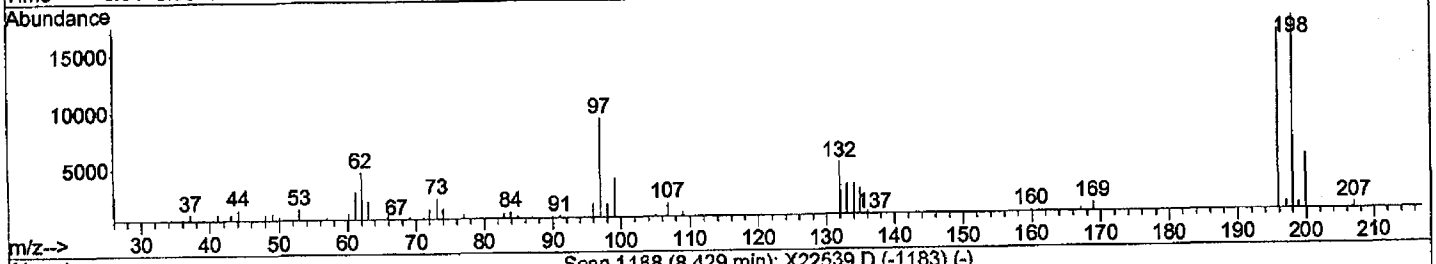
Quantitation Report (Qedit)

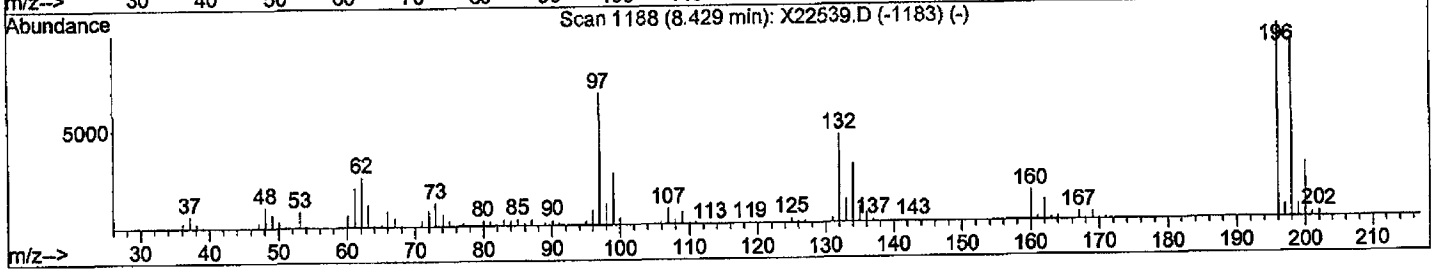
Data File : D:\DATA\093008\X26837.D
Acq On : 30 Sep 2008 9:36
Sample : SSTD005
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:27 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration







TIC: X26837.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.61min (+0.011) 4.22ng

response 17336

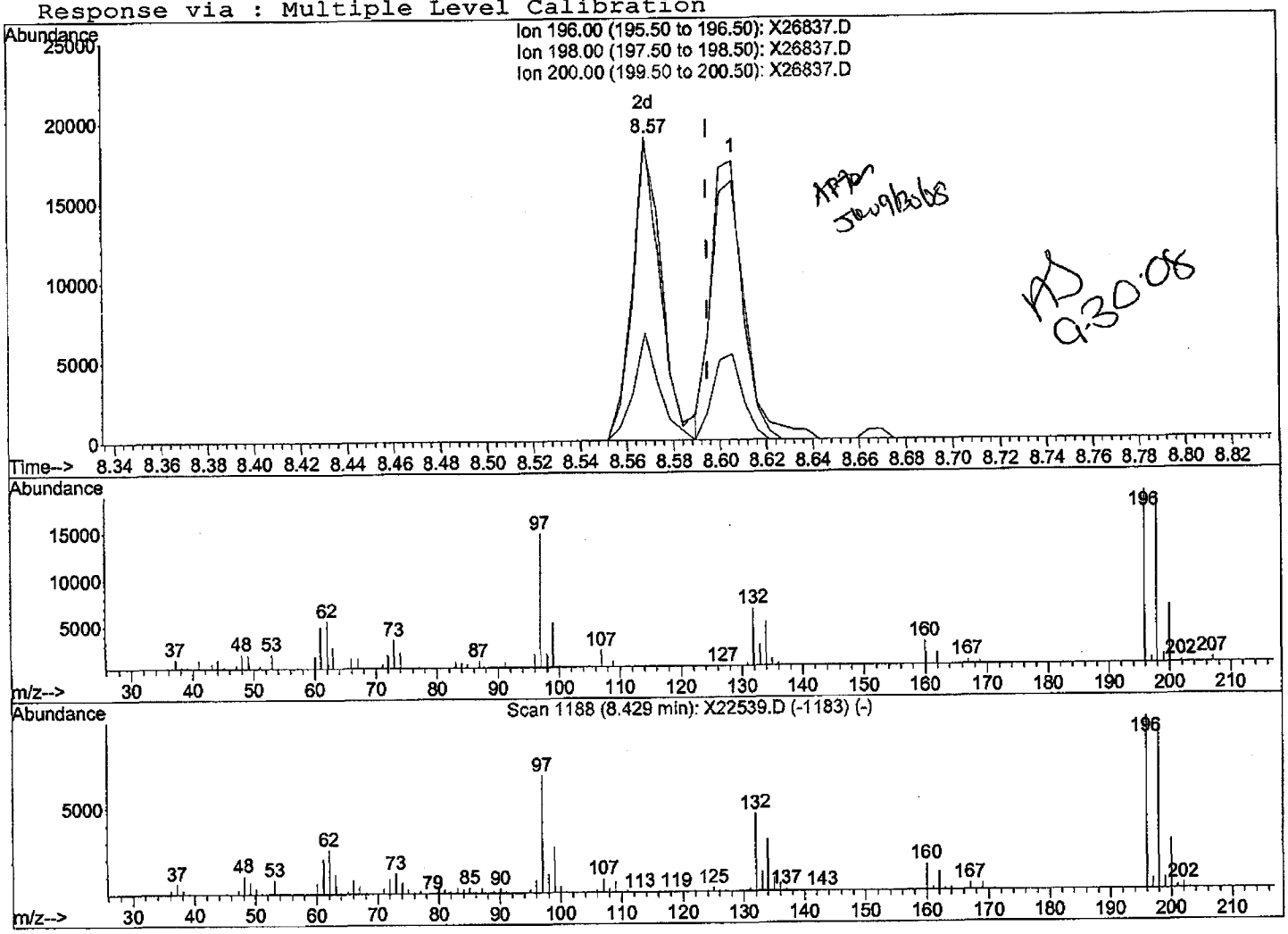
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	107.45
200.00	32.50	33.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26837.D
Acq On : 30 Sep 2008 9:36
Sample : SSTD005
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:27 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26837.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.57min (-0.027) 3.89ng m

response 16014

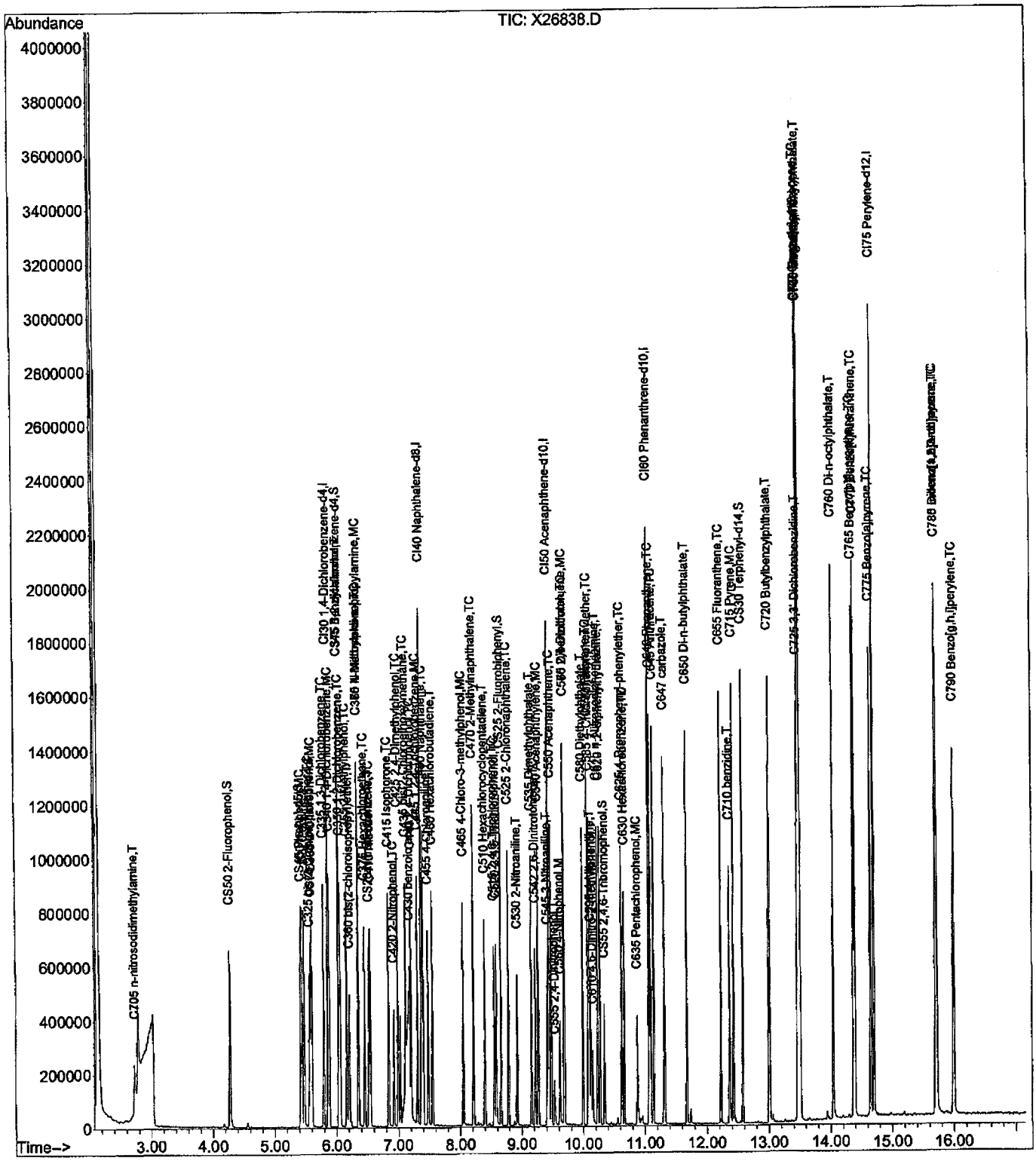
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	97.26
200.00	32.50	35.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26838.D
Acq On : 30 Sep 2008 9:59
Sample : SSTD020
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 19:16:25 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26838.D
Acq On : 30 Sep 2008 9:59
Sample : SSTD020
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:16:25 2008

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	216590	40.00	ng	0.00 96.93%
20) CI40 Naphthalene-d8	7.38	136	737495	40.00	ng	0.00 98.29%
35) CI50 Acenaphthene-d10	9.45	164	410024	40.00	ng	0.00 96.55%
56) CI60 Phenanthrene-d10	11.08	188	759446	40.00	ng	0.00 97.37%
68) CI70 Chrysene-d12	13.50	240	991290	40.00	ng	0.00 92.16%
78) CI75 Perylene-d12	14.71	264	1241684	40.00	ng	0.00 89.39%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.28	112	184073	22.05	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 14.70%#			
5) CS45 Phenol-d5	5.43	99	234952	22.10	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 14.73%			
6) CS70 2-chlorophenol-d4	5.59	132	158004	22.19	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 14.79%#			
12) CS75 1,2-dichlorobenzene-d	6.05	152	105326	22.55	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 22.55%			
21) CS20 Nitrobenzene-d5	6.53	82	201342	21.64	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 21.64%#			
39) CS25 2-Fluorobiphenyl	8.66	172	314264	21.40	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 21.40%#			
59) CS55 2,4,6-Tribromophenol	10.35	330	33330	19.31	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 12.87%			
71) CS30 Terphenyl-d14	12.58	244	412908	22.35	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 22.35%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	119531	21.77	ng	95
4) C325 bis(2-Chloroethyl)eth	5.57	93	201542	22.57	ng	# 67
7) C315 Phenol	5.44	94	230087	22.17	ng	98
8) C330 2-Chlorophenol	5.61	128	164326	22.63	ng	# 82
9) C320 aniline	5.48	93	313986	22.06	ng	90
10) C335 1,3-Dichlorobenzene	5.79	146	185735	21.89	ng	97
11) C340 1,4-Dichlorobenzene	5.89	146	188327	21.98	ng	97
13) C350 1,2-Dichlorobenzene	6.07	146	175966	22.06	ng	99
14) C345 Benzyl alcohol	6.04	108	119791	22.19	ng	# 88
15) C360 bis(2-chloroisopropyl	6.22	45	261487	22.04	ng	89
16) C355 2-Methylphenol	6.17	108	158451	22.32	ng	97
17) C375 Hexachloroethane	6.46	117	81961	22.40	ng	92
18) C370 N-Nitroso-di-n-propyl	6.37	70	145877	22.06	ng	# 68
19) C365 4-Methylphenol	6.36	108	159710	22.04	ng	100
22) C410 Nitrobenzene	6.55	77	210630	21.82	ng	97
23) C415 Isophorone	6.85	82	363609	22.09	ng	95
24) C430 benzoic acid	7.18	122	360110	117.33	ng	# 78
25) C420 2-Nitrophenol	6.93	139	58202	19.23	ng	91
26) C425 2,4-Dimethylphenol	7.00	107	174335	21.57	ng	91
27) C435 bis(2-Chloroethoxy)me	7.12	93	207419	21.88	ng	98
28) C440 2,4-Dichlorophenol	7.21	162	125150	21.46	ng	99

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26838.D
Acq On : 30 Sep 2008 9:59
Sample : SSTD020
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:16:25 2008

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	138022	22.10	ng		94
30) C450 Naphthalene	7.40	128	419474	21.60	ng		98
31) C455 4-Chloroaniline	7.48	127	170756	21.83	ng		99
32) C460 Hexachlorobutadiene	7.55	225	92090	22.38	ng		95
33) C465 4-Chloro-3-methylphen	8.05	107	139571	21.37	ng		95
34) C470 2-Methylnaphthalene	8.22	142	282237	21.90	ng		97
36) C510 Hexachlorocyclopentad	8.40	237	98632	20.63	ng		96
37) C515 2,4,6-Trichlorophenol	8.56	196	78169m	19.18	ng		98
38) C520 2,4,5-Trichlorophenol	8.59	196	83387	20.46	ng		99
40) C525 2-Chloronaphthalene	8.79	162	266276	21.60	ng		96
41) C530 2-Nitroaniline	8.93	65	92846	20.95	ng		95
42) C540 Acenaphthylene	9.28	152	411403	21.62	ng		99
43) C535 Dimethylphthalate	9.17	163	316080	21.71	ng		99
44) C542 2,6-Dinitrotoluene	9.23	165	61561	20.85	ng		84
45) C550 Acenaphthene	9.49	153	248550	21.37	ng		98
46) C545 3-Nitroaniline	9.42	138	66474	20.69	ng		89
47) C555 2,4-Dinitrophenol	9.54	184	16632	14.95	ng	#	66
48) C565 Dibenzofuran	9.69	168	374674	21.19	ng		86
49) C570 2,4-Dinitrotoluene	9.70	165	84306	20.42	ng	#	62
50) C560 4-Nitrophenol	9.63	109	49510	19.00	ng	#	36
51) C590 Fluorene	10.09	166	317053	21.75	ng		98
52) C585 4-Chlorophenyl-phenyl	10.10	204	154068	22.12	ng		87
53) C580 Diethylphthalate	10.00	149	316714	21.86	ng		97
54) C620 1,2-diphenylhydrazine	10.27	77	419327	22.44	ng		93
55) C595 4-Nitroaniline	10.13	138	66885	19.89	ng	#	65
57) C610 4,6-Dinitro-2-methylp	10.16	198	26052	14.89	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	222467	21.68	ng		93
60) C625 4-Bromophenyl-phenyle	10.63	248	86462	21.53	ng	#	78
61) C630 Hexachlorobenzene	10.67	284	91439	21.18	ng		81
62) C635 Pentachlorophenol	10.89	266	40116	18.24	ng		98
63) C640 Phenanthrene	11.10	178	455079	21.74	ng		99
64) C645 Anthracene	11.15	178	476000	21.97	ng		100
65) C647 carbazole	11.32	167	455171	21.36	ng		95
66) C650 Di-n-butylphthalate	11.68	149	562360	21.78	ng		98
67) C655 Fluoranthene	12.23	202	542605	20.96	ng		86
69) C715 Pyrene	12.43	202	580553	22.73	ng		82
70) C710 benzidine	12.37	184	310797	22.05	ng		100
72) C720 Butylbenzylphthalate	13.02	149	270165	21.73	ng		91
73) C725 3,3'-Dichlorobenzidin	13.47	252	255924	21.59	ng		98
74) C730 Benzo[a]anthracene	13.48	228	592543	22.16	ng		99
75) C735 Chrysene	13.52	228	548722	21.57	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.51	149	409260	22.14	ng		95
77) C760 Di-n-octylphthalate	14.05	149	745526	21.64	ng		99
79) C765 Benzo[b]fluoranthene	14.37	252	789444	20.08	ng		95
80) C770 Benzo[k]fluoranthene	14.40	252	679732	18.75	ng		95
81) C775 Benzo[a]pyrene	14.66	252	690966	22.26	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.71	276	925663	22.28	ng		80
83) C785 Dibenz[a,h]anthracene	15.72	278	792751	21.89	ng		91
84) C790 Benzo[g,h,i]perylene	16.00	276	807496	22.13	ng		91

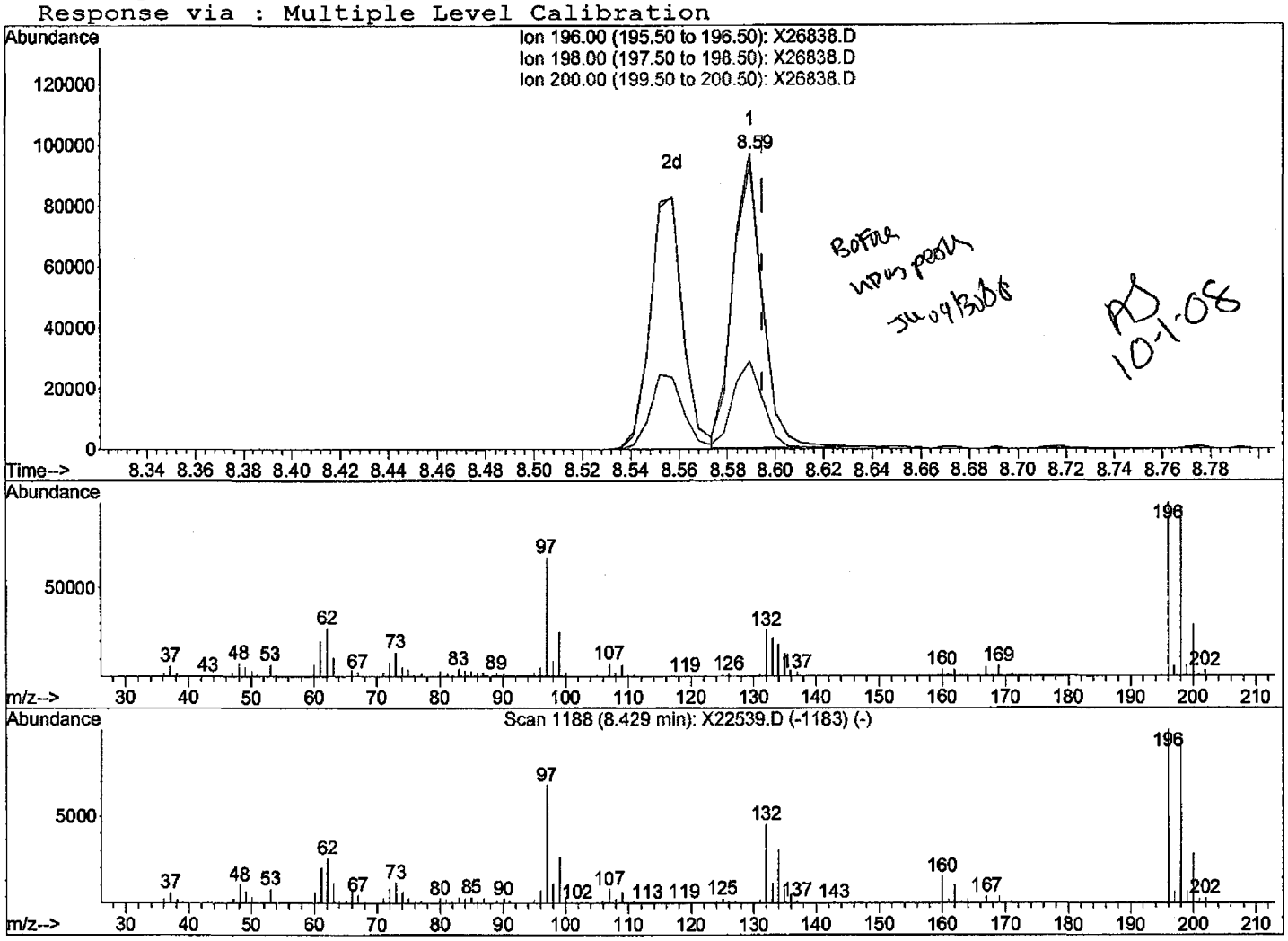
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26838.D
Acq On : 30 Sep 2008 9:59
Sample : SSTD020
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:32 2008

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26838.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.59min (-0.005) 20.46ng

response 83387

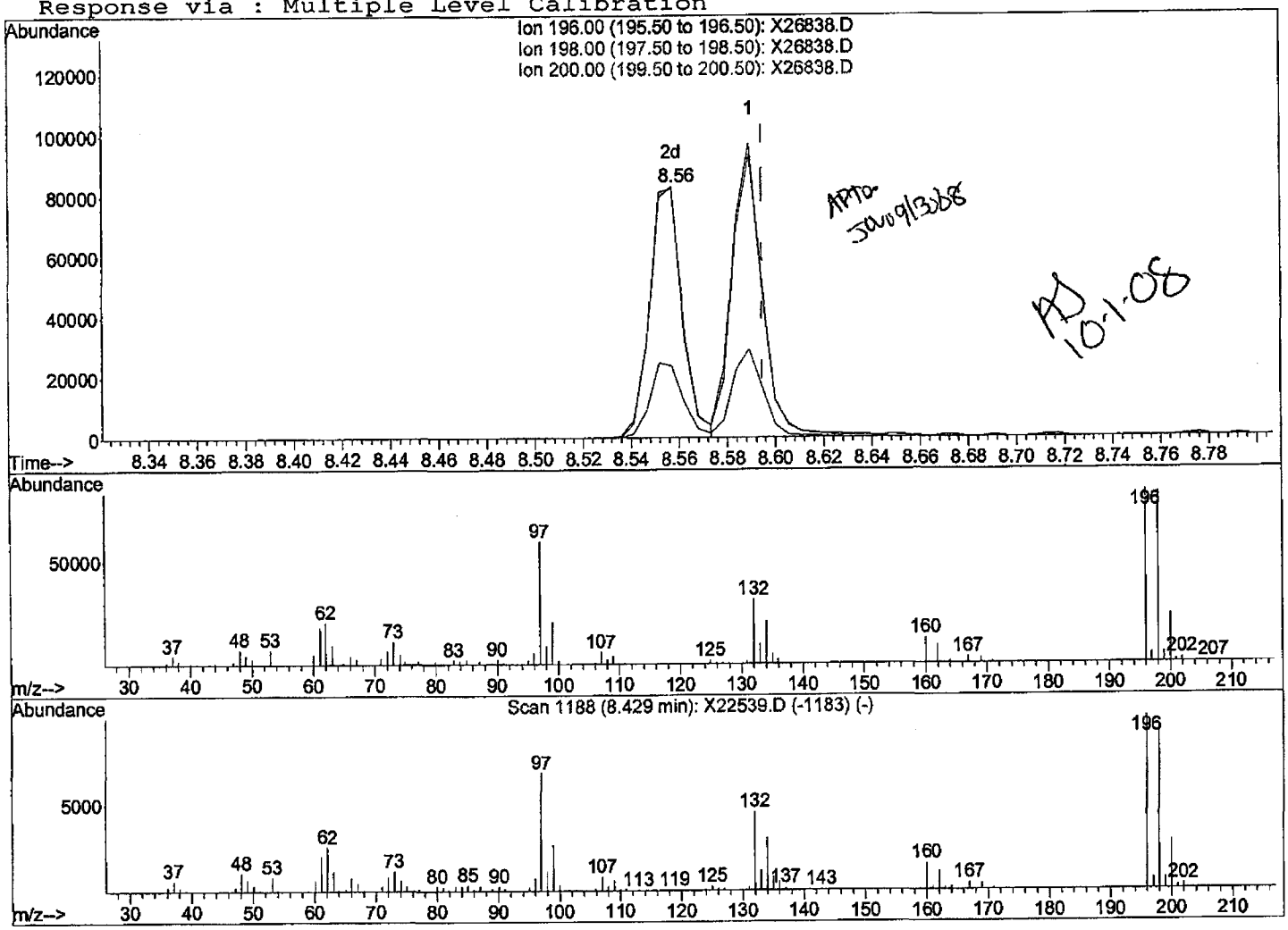
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	96.00
200.00	32.50	30.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26838.D
Acq On : 30 Sep 2008 9:59
Sample : SSTD020
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:32 2008

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26838.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.56min (-0.037) 19.18ng m

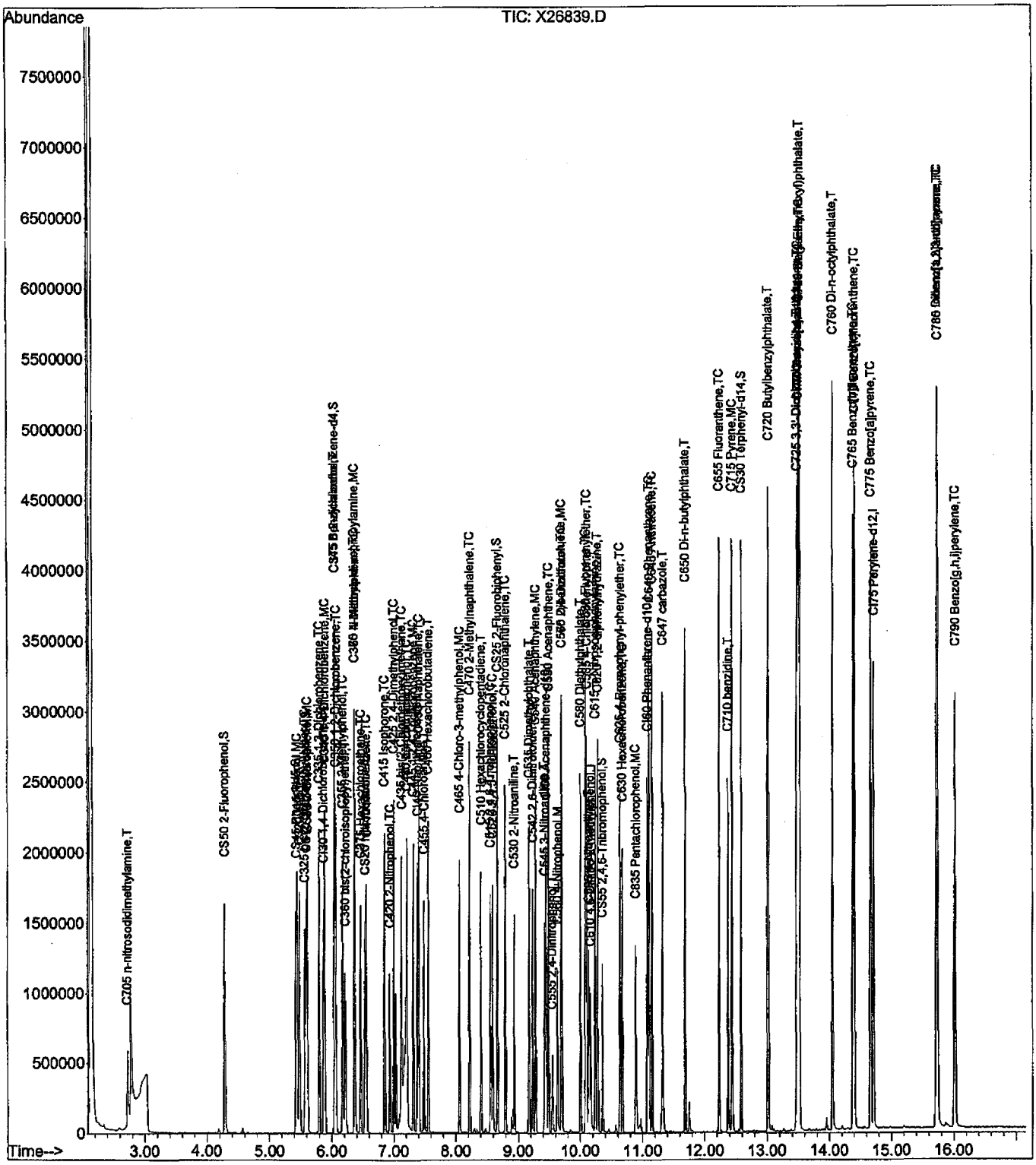
response 78169

Ion	Exp%	Act%
196.00	100	100
198.00	97.60	99.10
200.00	32.50	28.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26839.D Vial: 4
Acq On : 30 Sep 2008 10:22 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270 (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 30 19:15:24 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26839.D
Acq On : 30 Sep 2008 10:22
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:15:24 2008

Vial: 4
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	223442	40.00	ng		0.00 100.00%
20) CI40 Naphthalene-d8	7.38	136	750345	40.00	ng		0.00 100.00%
35) CI50 Acenaphthene-d10	9.45	164	424684	40.00	ng		0.00 100.00%
56) CI60 Phenanthrene-d10	11.08	188	779946	40.00	ng		0.00 100.00%
68) CI70 Chrysene-d12	13.50	240	1075669	40.00	ng		0.00 100.00%
78) CI75 Perylene-d12	14.71	264	1389039	40.00	ng		0.00 100.00%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.28	112	452001	52.49	ng		0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 34.99%				
5) CS45 Phenol-d5	5.43	99	563492	51.37	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.25%				
6) CS70 2-chlorophenol-d4	5.59	132	382227	52.04	ng		0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.69%				
12) CS75 1,2-dichlorobenzene-d	6.05	152	245012	50.85	ng		0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.85%				
21) CS20 Nitrobenzene-d5	6.54	82	503471	53.19	ng		0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 53.19%				
39) CS25 2-Fluorobiphenyl	8.67	172	785194	51.61	ng		0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 51.61%				
59) CS55 2,4,6-Tribromophenol	10.35	330	97099	54.76	ng		0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 36.51%				
71) CS30 Terphenyl-d14	12.59	244	1025809	51.17	ng		0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.17%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	300190	52.99	ng		94
4) C325 bis(2-Chloroethyl)eth	5.57	93	469800	50.99	ng	#	72
7) C315 Phenol	5.45	94	546740	51.07	ng		99
8) C330 2-Chlorophenol	5.61	128	392018	52.33	ng		84
9) C320 aniline	5.48	93	754180	51.35	ng		88
10) C335 1,3-Dichlorobenzene	5.80	146	454181	51.89	ng		97
11) C340 1,4-Dichlorobenzene	5.89	146	461309	52.18	ng		95
13) C350 1,2-Dichlorobenzene	6.07	146	427659	51.97	ng		96
14) C345 Benzyl alcohol	6.05	108	292833	52.58	ng	#	89
15) C360 bis(2-chloroisopropyl	6.22	45	636018	51.95	ng		90
16) C355 2-Methylphenol	6.17	108	374184	51.09	ng		94
17) C375 Hexachloroethane	6.46	117	197423	52.30	ng		98
18) C370 N-Nitroso-di-n-propyl	6.37	70	355758	52.15	ng	#	68
19) C365 4-Methylphenol	6.37	108	384092	51.39	ng		97
22) C410 Nitrobenzene	6.56	77	526955	53.66	ng		95
23) C415 Isophorone	6.85	82	900734	53.78	ng		94
24) C430 benzoic acid	7.20	122	519415	166.34	ng	#	82
25) C420 2-Nitrophenol	6.94	139	164843	53.53	ng		91
26) C425 2,4-Dimethylphenol	7.00	107	436584	53.10	ng		92
27) C435 bis(2-Chloroethoxy)me	7.12	93	520406	53.95	ng		97
28) C440 2,4-Dichlorophenol	7.22	162	313690	52.88	ng		100

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26839.D
Acq On : 30 Sep 2008 10:22
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:15:24 2008

Vial: 4
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	333045	52.42	ng		93
30) C450 Naphthalene	7.41	128	1035104	52.38	ng		99
31) C455 4-Chloroaniline	7.49	127	422637	53.11	ng		99
32) C460 Hexachlorobutadiene	7.56	225	219676	52.46	ng		97
33) C465 4-Chloro-3-methylphen	8.06	107	359050	54.03	ng		91
34) C470 2-Methylnaphthalene	8.23	142	686982	52.39	ng		99
36) C510 Hexachlorocyclopentad	8.41	237	254277	51.34	ng		95
37) C515 2,4,6-Trichlorophenol	8.56	196	207891m	49.25	ng		99
38) C520 2,4,5-Trichlorophenol	8.59	196	219009	51.88	ng		96
40) C525 2-Chloronaphthalene	8.79	162	653587	51.18	ng		97
41) C530 2-Nitroaniline	8.94	65	252499	55.00	ng		93
42) C540 Acenaphthylene	9.28	152	1009491	51.23	ng		96
43) C535 Dimethylphthalate	9.18	163	793707	52.64	ng		99
44) C542 2,6-Dinitrotoluene	9.24	165	165303	54.05	ng		79
45) C550 Acenaphthene	9.49	153	627389	52.09	ng		98
46) C545 3-Nitroaniline	9.43	138	179412	53.92	ng	#	78
47) C555 2,4-Dinitrophenol	9.55	184	56696	49.20	ng	#	63
48) C565 Dibenzofuran	9.70	168	959574	52.39	ng		85
49) C570 2,4-Dinitrotoluene	9.71	165	238699	55.83	ng	#	56
50) C560 4-Nitrophenol	9.64	109	147644	54.70	ng	#	38
51) C590 Fluorene	10.09	166	788296	52.22	ng		98
52) C585 4-Chlorophenyl-phenyl	10.11	204	377100	52.27	ng		88
53) C580 Diethylphthalate	10.01	149	783132	52.19	ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	1021617	52.78	ng		92
55) C595 4-Nitroaniline	10.14	138	189327	54.35	ng	#	67
57) C610 4,6-Dinitro-2-methylp	10.17	198	94123	52.37	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	563796	53.51	ng		94
60) C625 4-Bromophenyl-phenyle	10.64	248	218904	53.07	ng	#	81
61) C630 Hexachlorobenzene	10.68	284	226963	51.20	ng		79
62) C635 Pentachlorophenol	10.89	266	121234	53.68	ng		97
63) C640 Phenanthrene	11.11	178	1130956	52.61	ng		99
64) C645 Anthracene	11.15	178	1173305	52.74	ng		100
65) C647 carbazole	11.33	167	1145524	52.34	ng		96
66) C650 Di-n-butylphthalate	11.68	149	1409795	53.17	ng		98
67) C655 Fluoranthene	12.23	202	1372682	51.63	ng		86
69) C715 Pyrene	12.44	202	1448977	52.28	ng		85
70) C710 benzidine	12.37	184	769626	50.33	ng		100
72) C720 Butylbenzylphthalate	13.02	149	723544	53.63	ng		86
73) C725 3,3'-Dichlorobenzidin	13.47	252	682181	53.04	ng		98
74) C730 Benzo[a]anthracene	13.48	228	1516347	52.26	ng		98
75) C735 Chrysene	13.52	228	1415263	51.27	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1088747	54.27	ng		93
77) C760 Di-n-octylphthalate	14.05	149	2049080	54.80	ng		100
79) C765 Benzo[b]fluoranthene	14.38	252	1935939	44.01	ng		95
80) C770 Benzo[k]fluoranthene	14.41	252	1846458	45.53	ng		95
81) C775 Benzo[a]pyrene	14.67	252	1807778	52.07	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.73	276	2334989	50.24	ng		85
83) C785 Dibenz[a,h]anthracene	15.74	278	2026203	50.02	ng		94
84) C790 Benzo[g,h,i]perylene	16.02	276	2025421	49.62	ng		92

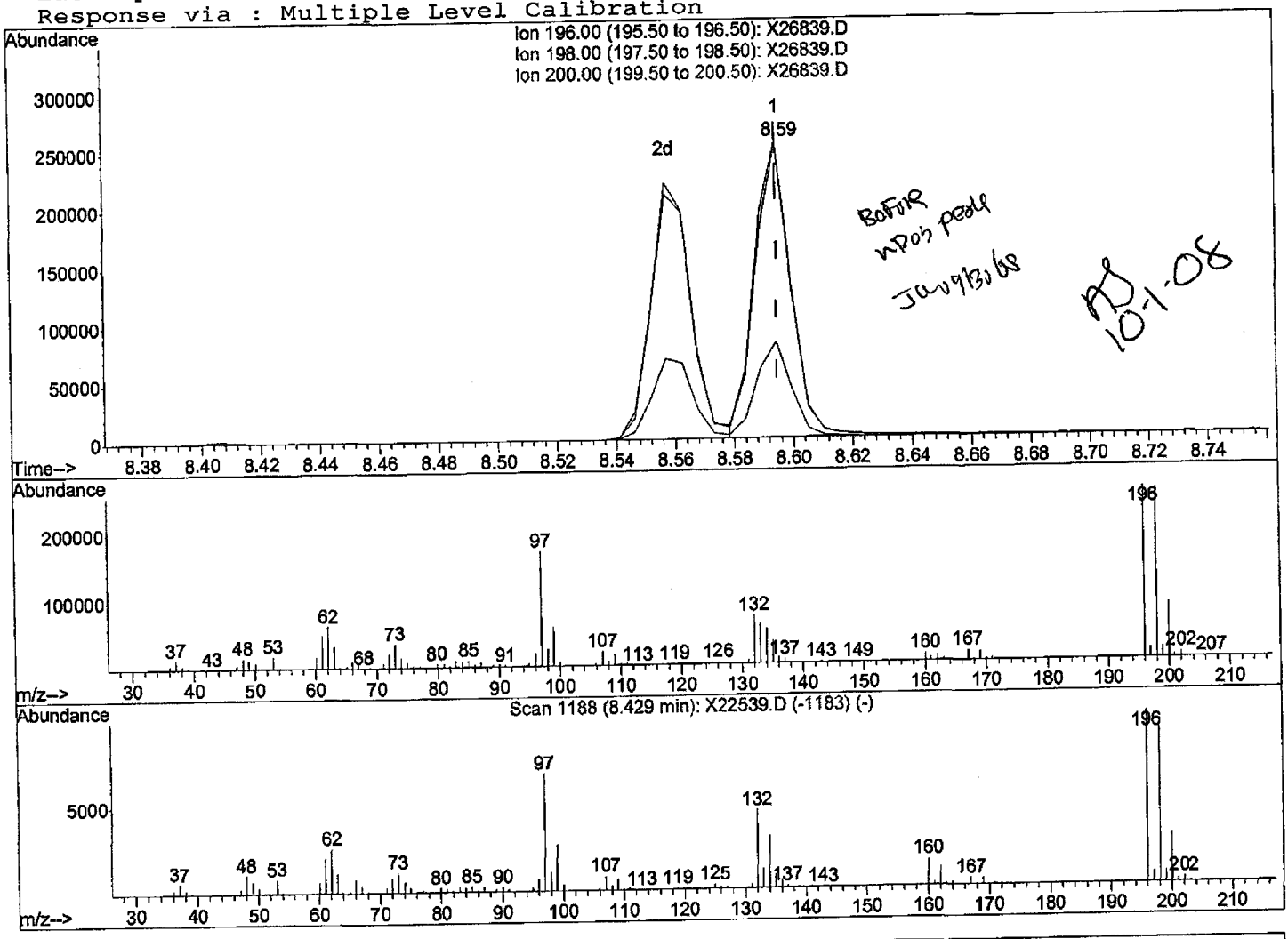
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26839.D
Acq On : 30 Sep 2008 10:22
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:37 2008

Vial: 4
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26839.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.59min (0.000) 51.88ng

response 219009

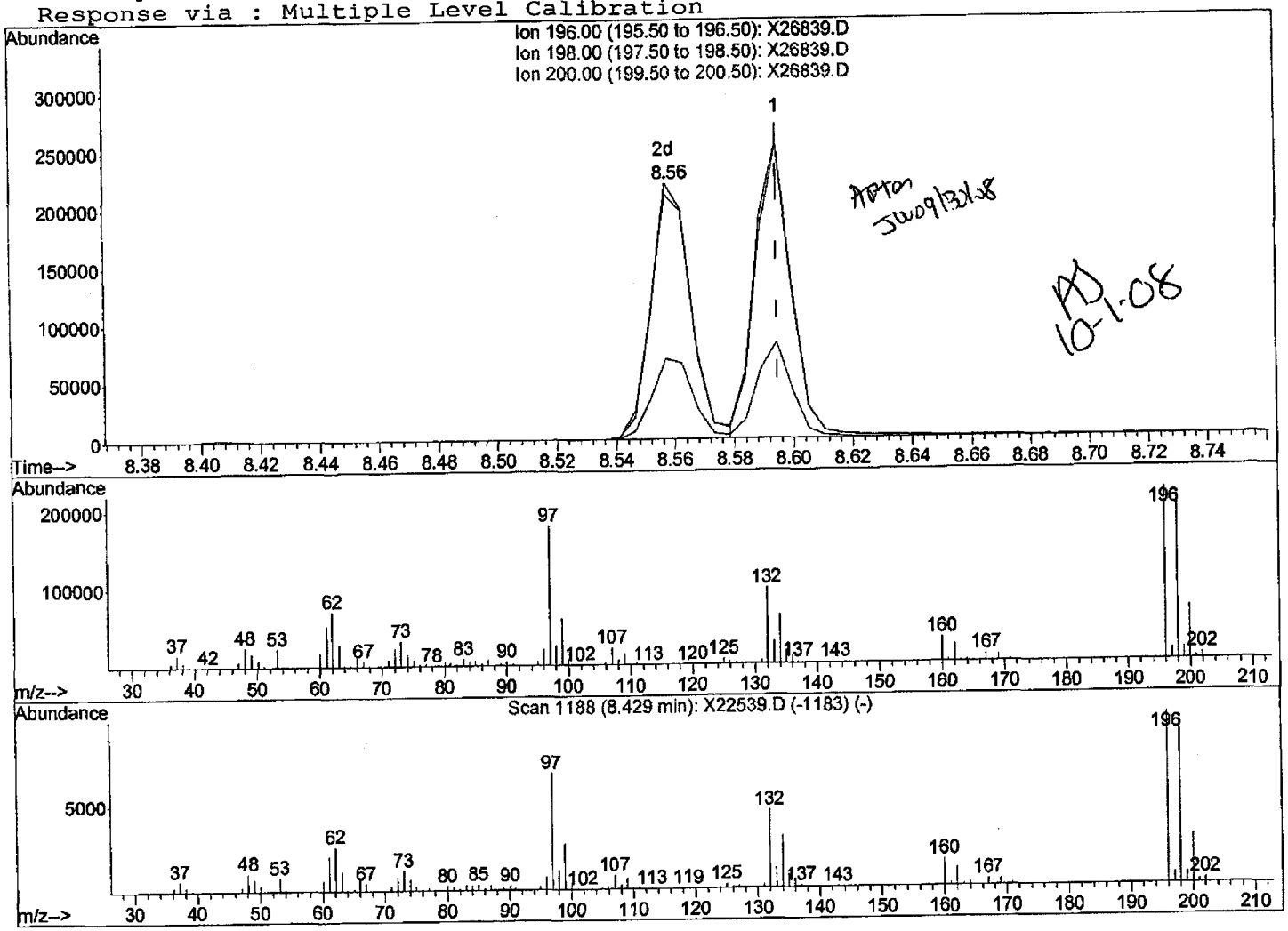
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	98.68
200.00	32.50	32.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26839.D
Acq On : 30 Sep 2008 10:22
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:37 2008

Vial: 4
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26839.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.56min (-0.037) 49.25ng m

response 207891

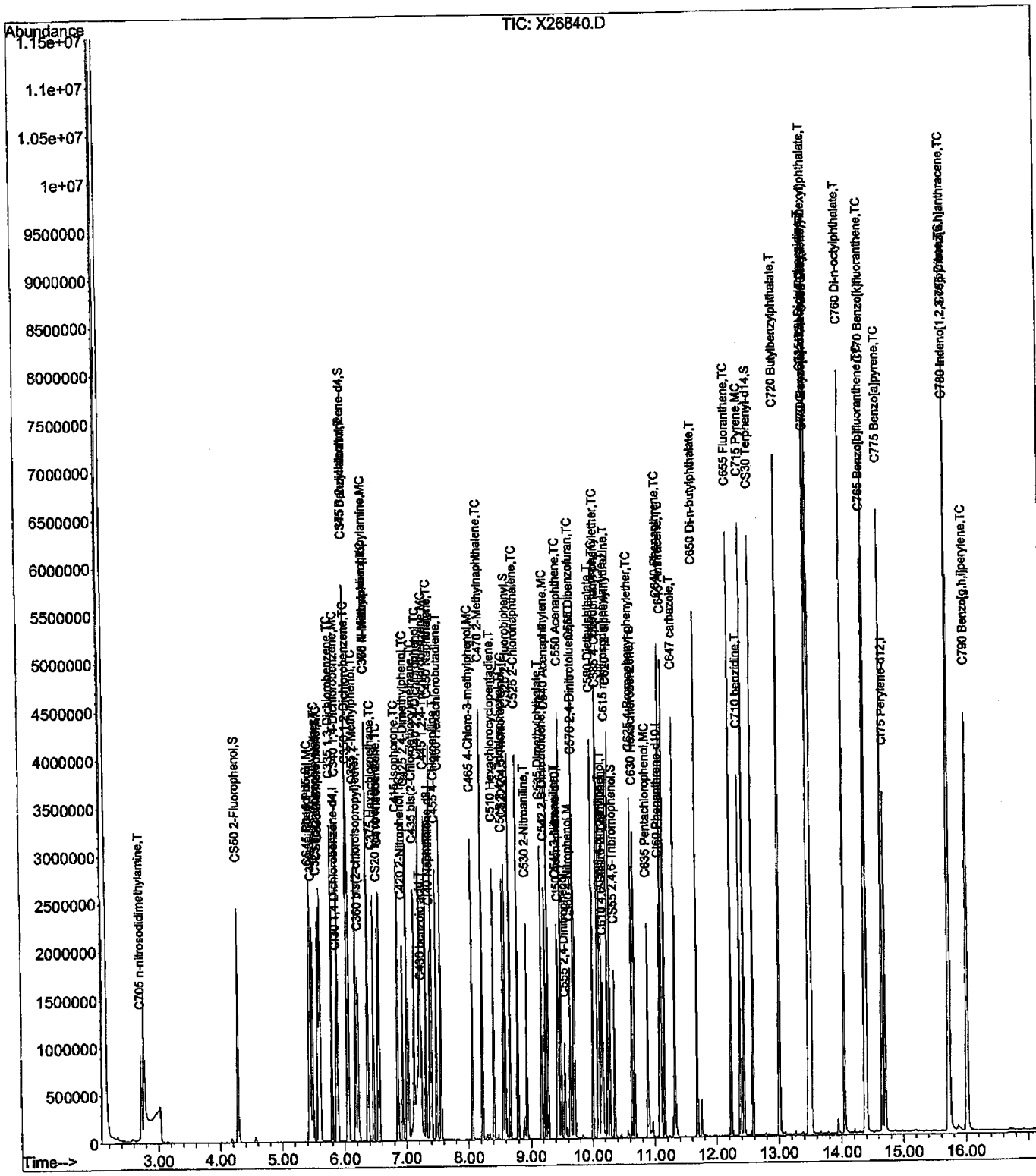
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	95.57
200.00	32.50	31.23
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26840.D
Acq On : 30 Sep 2008 10:45
Sample : SSTD080
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p

Vial: 5
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 19:14:27 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26840.D
Acq On : 30 Sep 2008 10:45
Sample : SSTD080
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:14:27 2008

Vial: 5
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	220782	40.00	ng	0.00 98.81%
20) CI40 Naphthalene-d8	7.38	136	772116	40.00	ng	0.00 102.90%
35) CI50 Acenaphthene-d10	9.45	164	427642	40.00	ng	0.00 100.70%
56) CI60 Phenanthrene-d10	11.08	188	786341	40.00	ng	0.00 100.82%
68) CI70 Chrysene-d12	13.50	240	1130548	40.00	ng	0.00 105.10%
78) CI75 Perylene-d12	14.71	264	1437432	40.00	ng	0.00 103.48%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.28	112	686499	80.69	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 53.79%			
5) CS45 Phenol-d5	5.44	99	870485	80.31	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 53.54%			
6) CS70 2-chlorophenol-d4	5.60	132	581222	80.08	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 53.39%			
12) CS75 1,2-dichlorobenzene-d	6.05	152	372217	78.18	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 78.18%			
21) CS20 Nitrobenzene-d5	6.54	82	794637	81.59	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 81.59%			
39) CS25 2-Fluorobiphenyl	8.67	172	1213595	79.22	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 79.22%			
59) CS55 2,4,6-Tribromophenol	10.36	330	159610	89.29	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 59.53%			
71) CS30 Terphenyl-d14	12.59	244	1633695	77.54	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 77.54%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	481121	85.95	ng	95
4) C325 bis(2-Chloroethyl)eth	5.57	93	719126	78.99	ng	# 70
7) C315 Phenol	5.45	94	832228	78.68	ng	97
8) C330 2-Chlorophenol	5.62	128	598317	80.84	ng	86
9) C320 aniline	5.49	93	1191998	82.14	ng	86
10) C335 1,3-Dichlorobenzene	5.80	146	692192	80.03	ng	99
11) C340 1,4-Dichlorobenzene	5.89	146	695471	79.62	ng	96
13) C350 1,2-Dichlorobenzene	6.07	146	644859	79.31	ng	96
14) C345 Benzyl alcohol	6.05	108	452500	82.24	ng	94
15) C360 bis(2-chloroisopropyl	6.22	45	972015	80.36	ng	87
16) C355 2-Methylphenol	6.18	108	578041	79.87	ng	92
17) C375 Hexachloroethane	6.46	117	300950	80.69	ng	98
18) C370 N-Nitroso-di-n-propyl	6.38	70	550572	81.68	ng	# 67
19) C365 4-Methylphenol	6.37	108	595155	80.59	ng	95
22) C410 Nitrobenzene	6.56	77	818291	80.97	ng	99
23) C415 Isophorone	6.86	82	1401482	81.31	ng	96
24) C430 benzoic acid	7.24	122	914947	284.75	ng	# 81
25) C420 2-Nitrophenol	6.94	139	271824	85.78	ng	87
26) C425 2,4-Dimethylphenol	7.01	107	691347	81.72	ng	92
27) C435 bis(2-Chloroethoxy)me	7.12	93	805705	81.16	ng	97
28) C440 2,4-Dichlorophenol	7.22	162	496095	81.26	ng	97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26840.D
Acq On : 30 Sep 2008 10:45
Sample : SSTD080
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:14:27 2008

Vial: 5
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	520030	79.55	ng		93
30) C450 Naphthalene	7.41	128	1598968	78.63	ng		99
31) C455 4-Chloroaniline	7.49	127	665841	81.31	ng		100
32) C460 Hexachlorobutadiene	7.56	225	338990	78.67	ng		96
33) C465 4-Chloro-3-methylphen	8.06	107	561398	82.10	ng		89
34) C470 2-Methylnaphthalene	8.23	142	1077513	79.85	ng		98
36) C510 Hexachlorocyclopentad	8.41	237	407909	81.79	ng		93
37) C515 2,4,6-Trichlorophenol	8.56	196	325000m	76.46	ng		96
38) C520 2,4,5-Trichlorophenol	8.59	196	357879	84.19	ng		99
40) C525 2-Chloronaphthalene	8.80	162	1014404	78.88	ng		95
41) C530 2-Nitroaniline	8.94	65	401575	86.86	ng		95
42) C540 Acenaphthylene	9.28	152	1597585	80.51	ng		98
43) C535 Dimethylphthalate	9.18	163	1237042	81.48	ng		99
44) C542 2,6-Dinitrotoluene	9.24	165	266293	86.47	ng		81
45) C550 Acenaphthene	9.49	153	972954	80.22	ng		97
46) C545 3-Nitroaniline	9.43	138	290966	86.83	ng	#	83
47) C555 2,4-Dinitrophenol	9.56	184	105010	90.49	ng	#	63
48) C565 Dibenzofuran	9.70	168	1461610	79.24	ng		83
49) C570 2,4-Dinitrotoluene	9.71	165	375546	87.23	ng	#	59
50) C560 4-Nitrophenol	9.64	109	240005	88.30	ng	#	37
51) C590 Fluorene	10.09	166	1218147	80.14	ng		96
52) C585 4-Chlorophenyl-phenyl	10.11	204	579283	79.74	ng		86
53) C580 Diethylphthalate	10.01	149	1234791	81.72	ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	1570536	80.57	ng		92
55) C595 4-Nitroaniline	10.15	138	302208	86.15	ng	#	64
57) C610 4,6-Dinitro-2-methylp	10.17	198	170011	93.82	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	866570	81.58	ng		94
60) C625 4-Bromophenyl-phenyle	10.64	248	332781	80.02	ng	#	82
61) C630 Hexachlorobenzene	10.68	284	357204	79.93	ng		84
62) C635 Pentachlorophenol	10.89	266	205038	90.05	ng		97
63) C640 Phenanthrene	11.11	178	1752247	80.85	ng		99
64) C645 Anthracene	11.15	178	1810783	80.73	ng		99
65) C647 carbazole	11.33	167	1780318	80.68	ng		96
66) C650 Di-n-butylphthalate	11.68	149	2198294	82.24	ng		99
67) C655 Fluoranthene	12.23	202	2168534	80.90	ng		87
69) C715 Pyrene	12.44	202	2270825	77.96	ng		86
70) C710 benzidine	12.37	184	1231501	76.62	ng		100
72) C720 Butylbenzylphthalate	13.02	149	1163427	82.05	ng		88
73) C725 3,3'-Dichlorobenzidin	13.47	252	1116074	82.56	ng		98
74) C730 Benzo[a]anthracene	13.48	228	2413820	79.15	ng		98
75) C735 Chrysene	13.52	228	2260257	77.91	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1713229	81.26	ng		94
77) C760 Di-n-octylphthalate	14.05	149	3271921	83.26	ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	3080739	67.67	ng		96
80) C770 Benzo[k]fluoranthene	14.41	252	2945976	70.20	ng		96
81) C775 Benzo[a]pyrene	14.67	252	2896641	80.63	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.73	276	3794856	78.91	ng		87
83) C785 Dibenz[a,h]anthracene	15.75	278	3345736	79.82	ng		95
84) C790 Benzo[g,h,i]perylene	16.03	276	3310710	78.38	ng		93

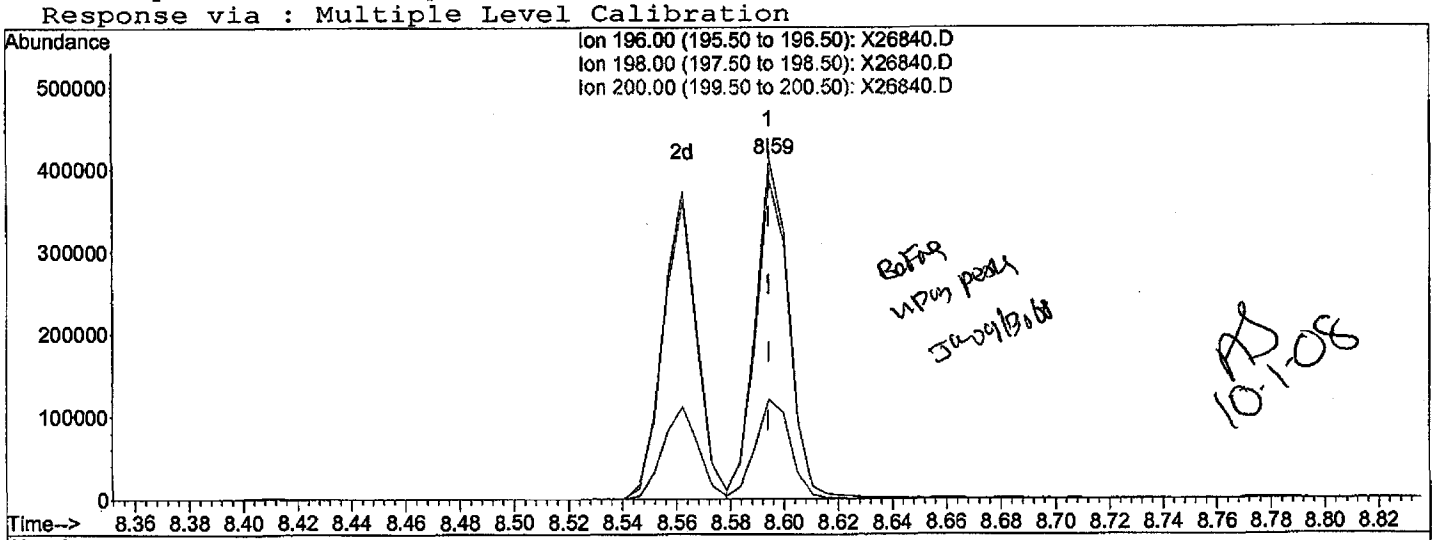
(#) = qualifier out of range (m) = manual integration (+) = signals summed

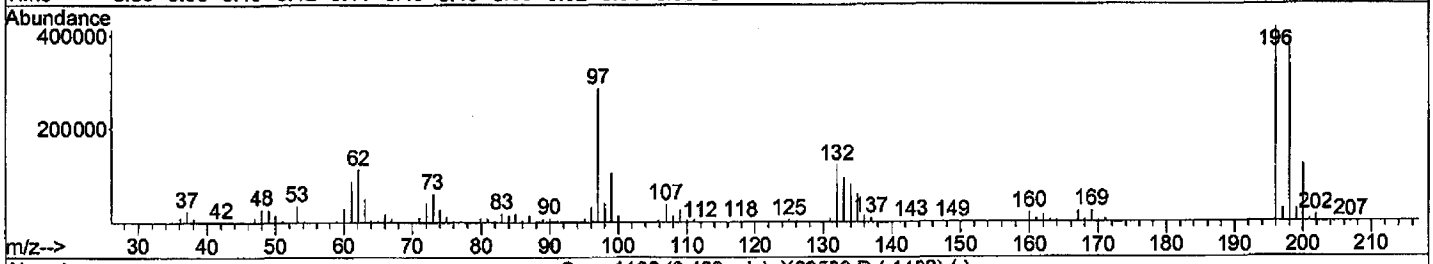
Quantitation Report (Qedit)

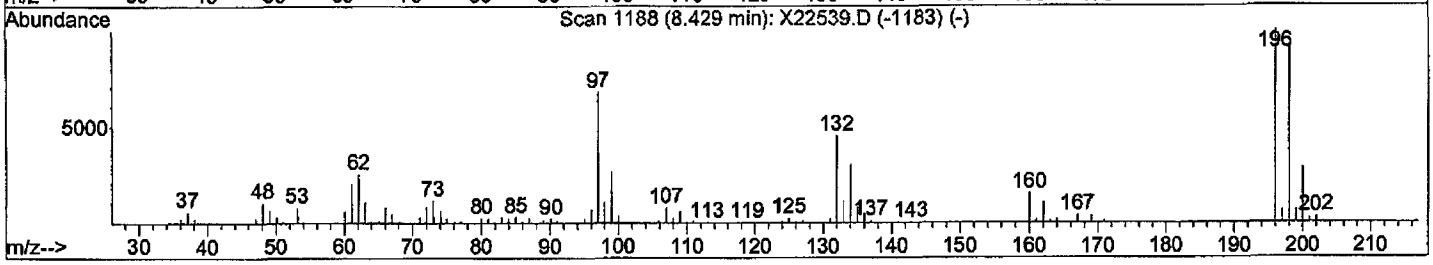
Data File : D:\DATA\093008\X26840.D
Acq On : 30 Sep 2008 10:45
Sample : SSTD080
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:42 2008

Vial: 5
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration







TIC: X26840.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.59min (0.000) 84.19ng

response 357879

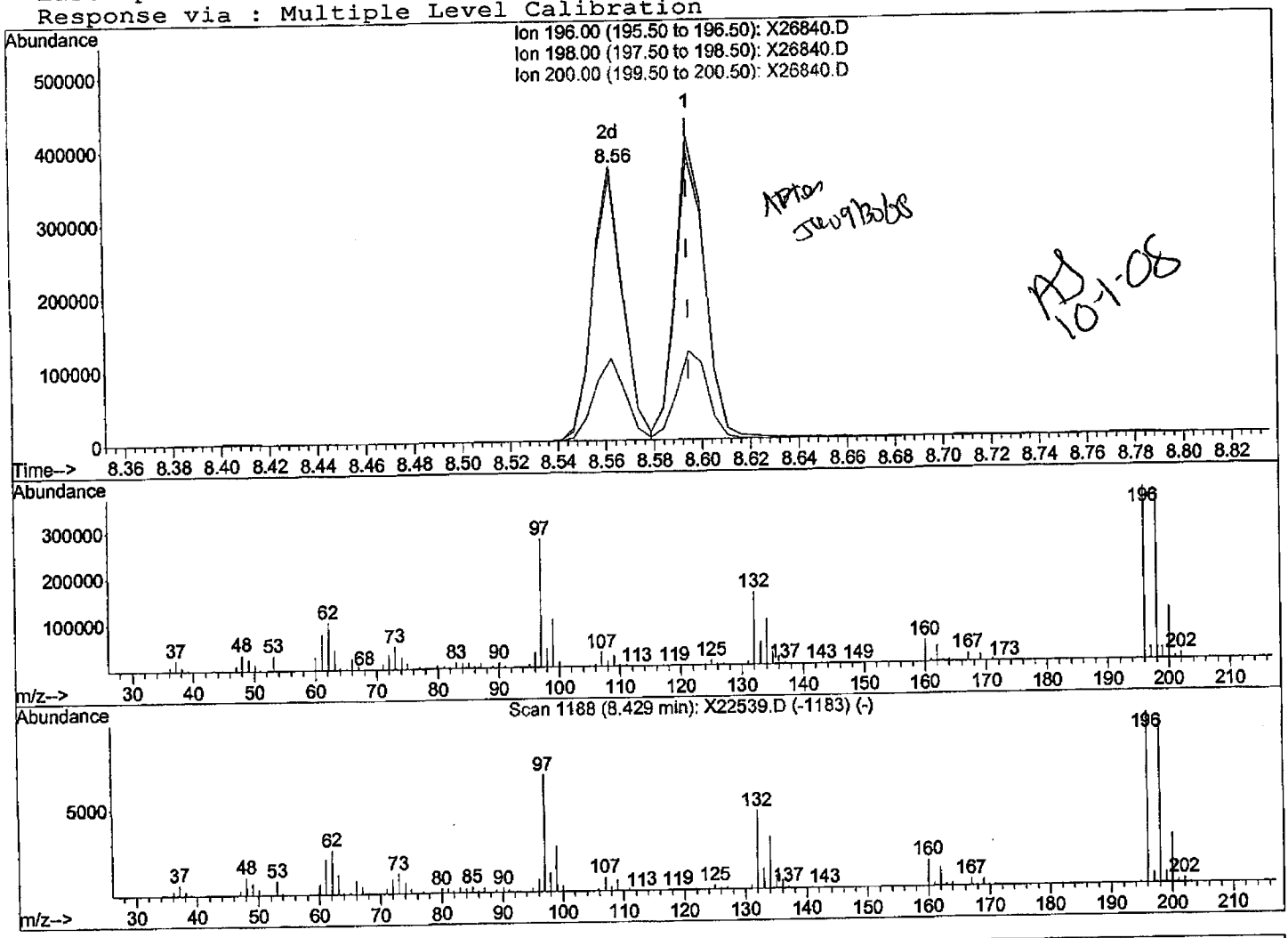
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	93.98
200.00	32.50	29.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26840.D
Acq On : 30 Sep 2008 10:45
Sample : SSTD080
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:42 2008

Vial: 5
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26840.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.56min (-0.032) 76.46ng m

response 325000

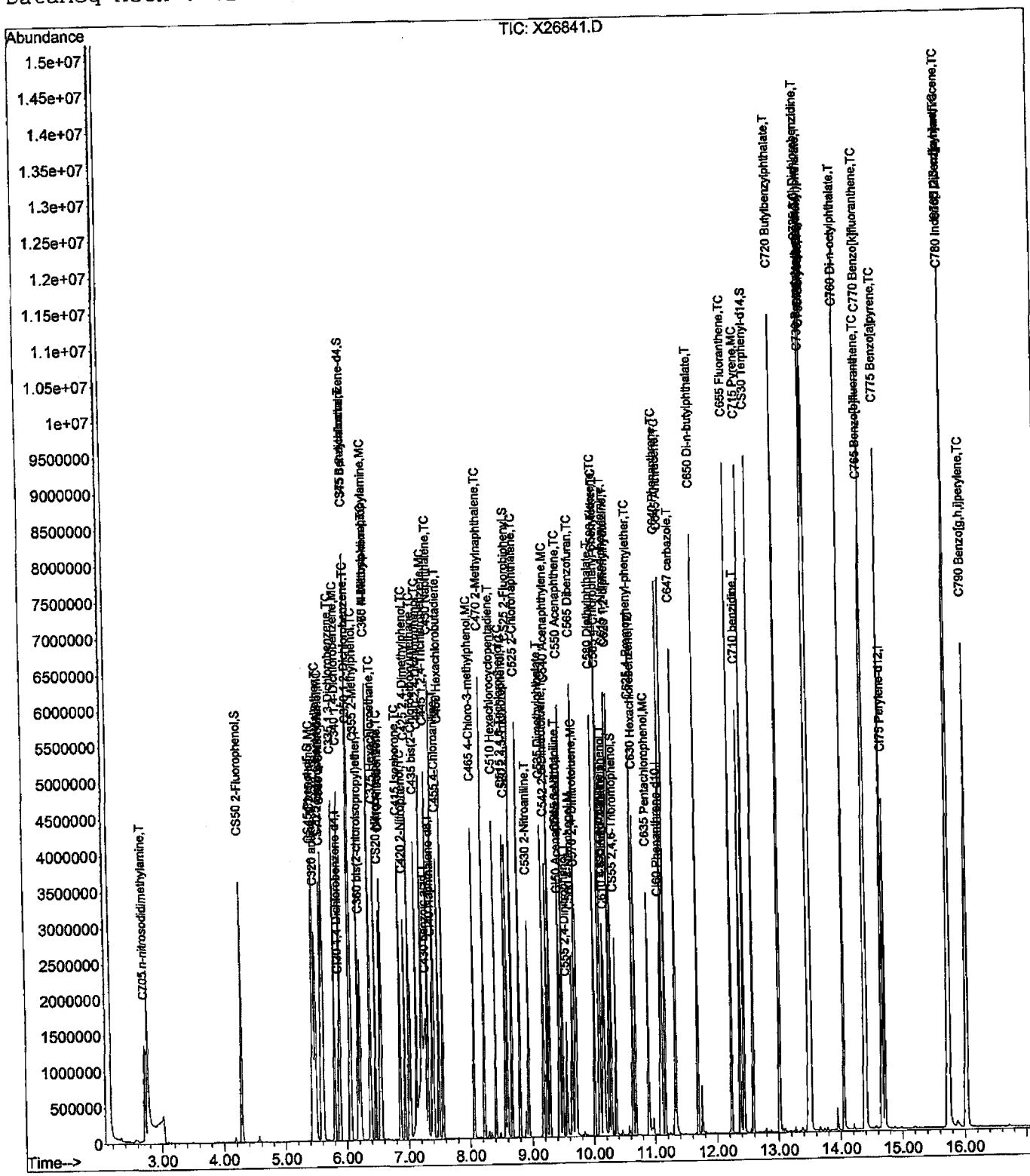
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	96.50
200.00	32.50	29.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26841.D
Acq On : 30 Sep 2008 11:07
Sample : SSTD120
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p

Vial: 6
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 19:13:42 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26841.D
Acq On : 30 Sep 2008 11:07
Sample : SSTD120
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:13:42 2008

Vial: 6
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	251688	40.00	ng	0.00 112.64%
20) CI40 Naphthalene-d8	7.38	136	874716	40.00	ng	0.00 116.58%
35) CI50 Acenaphthene-d10	9.45	164	473084	40.00	ng	0.00 111.40%
56) CI60 Phenanthrene-d10	11.08	188	894179	40.00	ng	0.00 114.65%
68) CI70 Chrysene-d12	13.51	240	1343229	40.00	ng	0.01 124.87%
78) CI75 Perylene-d12	14.72	264	1742338	40.00	ng	0.00 125.43%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.28	112	1041769	107.41	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 71.61%			
5) CS45 Phenol-d5	5.45	99	1363101	110.32	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 73.55%			
6) CS70 2-chlorophenol-d4	5.60	132	895939	108.29	ng	0.01
Spiked Amount 150.000	Range 33 - 110		Recovery = 72.19%			
12) CS75 1,2-dichlorobenzene-d	6.05	152	574408	105.84	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 105.84%			
21) CS20 Nitrobenzene-d5	6.54	82	1241631	112.53	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 112.53%			
39) CS25 2-Fluorobiphenyl	8.67	172	1894405	111.78	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 111.78%			
59) CS55 2,4,6-Tribromophenol	10.36	330	252098	124.02	ng	0.01
Spiked Amount 150.000	Range 10 - 123		Recovery = 82.68%			
71) CS30 Terphenyl-d14	12.59	244	2647857	105.78	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 105.78%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	742156	116.31	ng	95
4) C325 bis(2-Chloroethyl)eth	5.58	93	1120399	107.96	ng	# 68
7) C315 Phenol	5.46	94	1333031	110.55	ng	98
8) C330 2-Chlorophenol	5.62	128	913613	108.28	ng	# 82
9) C320 aniline	5.49	93	1840430	111.25	ng	82
10) C335 1,3-Dichlorobenzene	5.80	146	1070137	108.54	ng	98
11) C340 1,4-Dichlorobenzene	5.90	146	1089228	109.39	ng	97
13) C350 1,2-Dichlorobenzene	6.07	146	1004687	108.40	ng	99
14) C345 Benzyl alcohol	6.06	108	700571	111.69	ng	95
15) C360 bis(2-chloroisopropyl	6.22	45	1482987	107.55	ng	88
16) C355 2-Methylphenol	6.18	108	896729	108.70	ng	93
17) C375 Hexachloroethane	6.47	117	466666	109.76	ng	90
18) C370 N-Nitroso-di-n-propyl	6.39	70	845468	110.03	ng	# 65
19) C365 4-Methylphenol	6.38	108	925804	109.97	ng	95
22) C410 Nitrobenzene	6.57	77	1268723	110.82	ng	99
23) C415 Isophorone	6.86	82	2169439	111.10	ng	95
24) C430 benzoic acid	7.29	122	1571015	431.57	ng	# 83
25) C420 2-Nitrophenol	6.94	139	438293	122.09	ng	88
26) C425 2,4-Dimethylphenol	7.01	107	1073494	112.01	ng	91
27) C435 bis(2-Chloroethoxy)me	7.13	93	1236553	109.96	ng	98
28) C440 2,4-Dichlorophenol	7.22	162	766724	110.86	ng	99

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26841.D
Acq On : 30 Sep 2008 11:07
Sample : SSTD120
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:13:42 2008

Vial: 6
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	803322	108.47 ng		93
30) C450 Naphthalene	7.41	128	2527050	109.69 ng		99
31) C455 4-Chloroaniline	7.49	127	1012991	109.19 ng		100
32) C460 Hexachlorobutadiene	7.56	225	527573	108.08 ng		97
33) C465 4-Chloro-3-methylphen	8.06	107	872266	112.60 ng		88
34) C470 2-Methylnaphthalene	8.23	142	1690024	110.56 ng		99
36) C510 Hexachlorocyclopentad	8.41	237	644136	116.75 ng		95
37) C515 2,4,6-Trichlorophenol	8.56	196	525741m	111.80 ng		98
38) C520 2,4,5-Trichlorophenol	8.60	196	557335	118.52 ng		99
40) C525 2-Chloronaphthalene	8.80	162	1580411	111.09 ng		94
41) C530 2-Nitroaniline	8.95	65	617572	120.75 ng		93
42) C540 Acenaphthylene	9.29	152	2498315	113.81 ng		98
43) C535 Dimethylphthalate	9.18	163	1899739	113.11 ng		100
44) C542 2,6-Dinitrotoluene	9.25	165	412171	120.98 ng		83
45) C550 Acenaphthene	9.50	153	1504691	112.15 ng		98
46) C545 3-Nitroaniline	9.44	138	453934	122.46 ng		88
47) C555 2,4-Dinitrophenol	9.56	184	184371	143.62 ng	#	65
48) C565 Dibenzofuran	9.70	168	2280408	111.76 ng		84
49) C570 2,4-Dinitrotoluene	9.72	165	590213	123.92 ng		71
50) C560 4-Nitrophenol	9.65	109	394798	131.29 ng	#	35
51) C590 Fluorene	10.10	166	1888765	112.32 ng		97
52) C585 4-Chlorophenyl-phenyl	10.11	204	894811	111.34 ng		91
53) C580 Diethylphthalate	10.02	149	1894229	113.31 ng		99
54) C620 1,2-diphenylhydrazine	10.29	77	2366067	109.73 ng		91
55) C595 4-Nitroaniline	10.16	138	484994	124.97 ng	#	67
57) C610 4,6-Dinitro-2-methylp	10.18	198	294098	142.73 ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	1351209	111.86 ng		95
60) C625 4-Bromophenyl-phenyle	10.64	248	518014	109.54 ng	#	83
61) C630 Hexachlorobenzene	10.68	284	571204	112.40 ng		85
62) C635 Pentachlorophenol	10.90	266	340916	131.67 ng		99
63) C640 Phenanthrene	11.11	178	2725652	110.59 ng		99
64) C645 Anthracene	11.17	178	2794236	109.55 ng		99
65) C647 carbazole	11.34	167	2843484	113.32 ng		95
66) C650 Di-n-butylphthalate	11.69	149	3454762	113.66 ng		99
67) C655 Fluoranthene	12.24	202	3439773	112.85 ng		89
69) C715 Pyrene	12.44	202	3662216	105.82 ng		87
70) C710 benzidine	12.38	184	2112624	110.63 ng		100
72) C720 Butylbenzylphthalate	13.02	149	1899737	112.76 ng		95
73) C725 3,3'-Dichlorobenzidin	13.48	252	1862690	115.97 ng		99
74) C730 Benzo[a]anthracene	13.50	228	3972219	109.63 ng		98
75) C735 Chrysene	13.53	228	3721359	107.96 ng		100
76) C740 bis(2-Ethylhexyl)phth	13.52	149	2751274	109.83 ng		95
77) C760 Di-n-octylphthalate	14.06	149	5343401	114.44 ng		99
79) C765 Benzo[b]fluoranthene	14.40	252	5382474	97.54 ng		96
80) C770 Benzo[k]fluoranthene	14.42	252	4445982	87.40 ng		96
81) C775 Benzo[a]pyrene	14.68	252	4742947	108.92 ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.76	276	6476626	111.10 ng		95
83) C785 Dibenz[a,h]anthracene	15.77	278	5624569	110.71 ng		95
84) C790 Benzo[g,h,i]perylene	16.05	276	5561988	108.63 ng		93

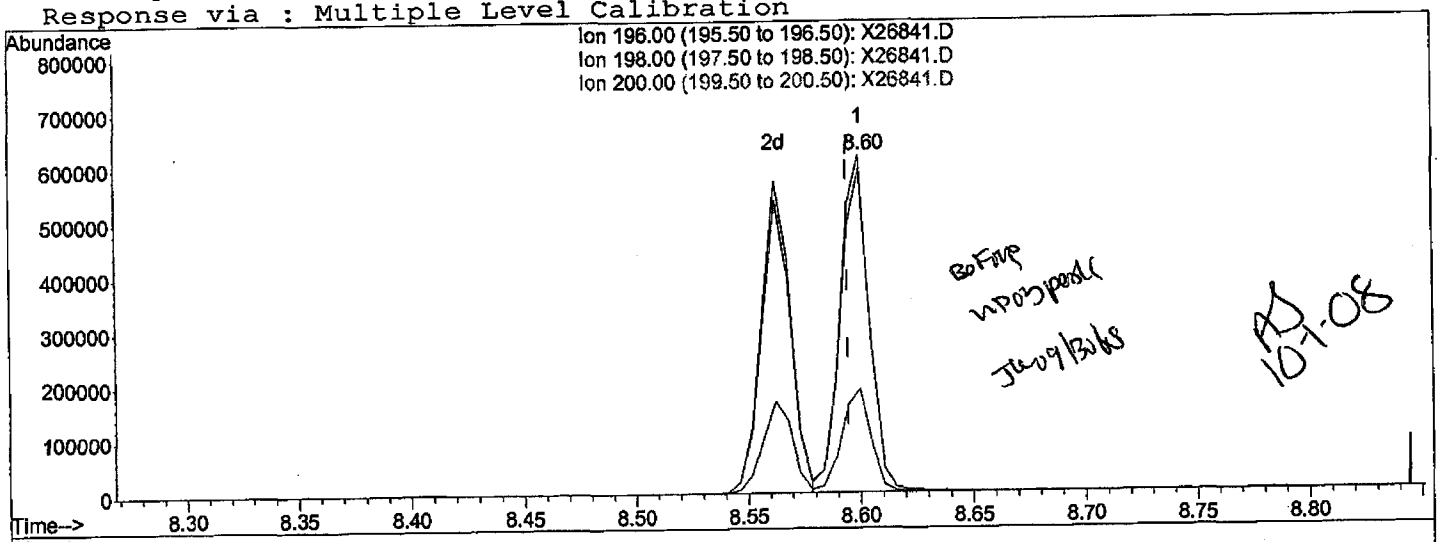
(#) = qualifier out of range (m) = manual integration (+) = signals summed

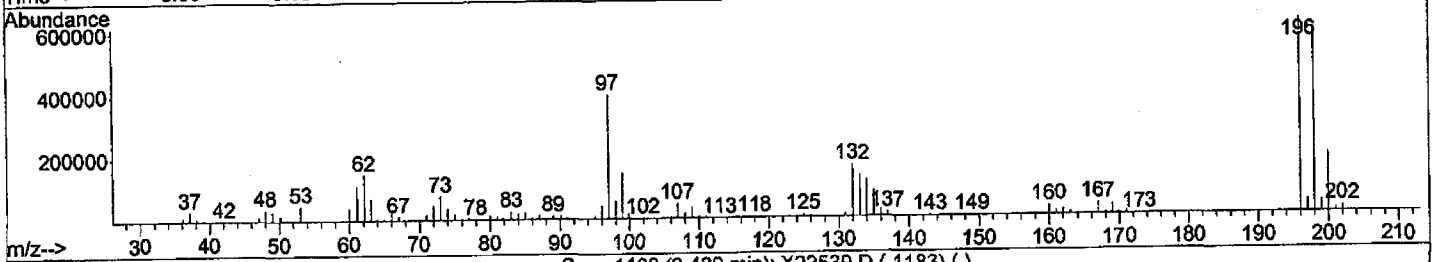
Quantitation Report (Qedit)

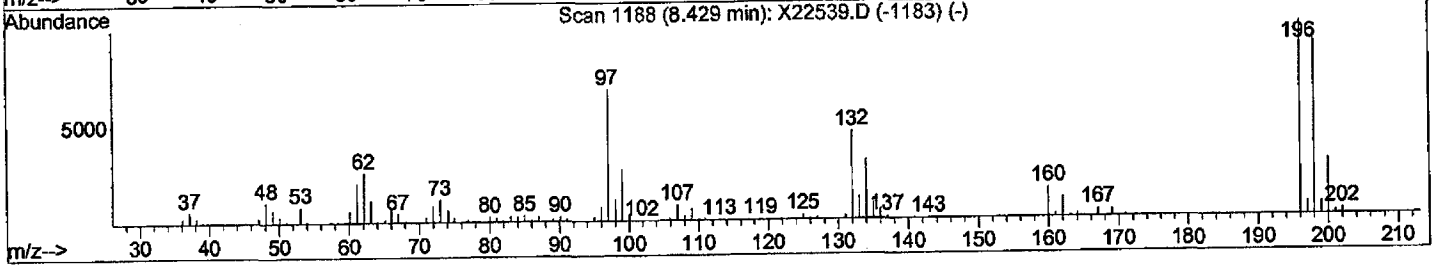
Data File : D:\DATA\093008\X26841.D
Acq On : 30 Sep 2008 11:07
Sample : SSTD120
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:48 2008

Vial: 6
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration







TIC: X26841.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.60min (+0.005) 118.52ng

response 557335

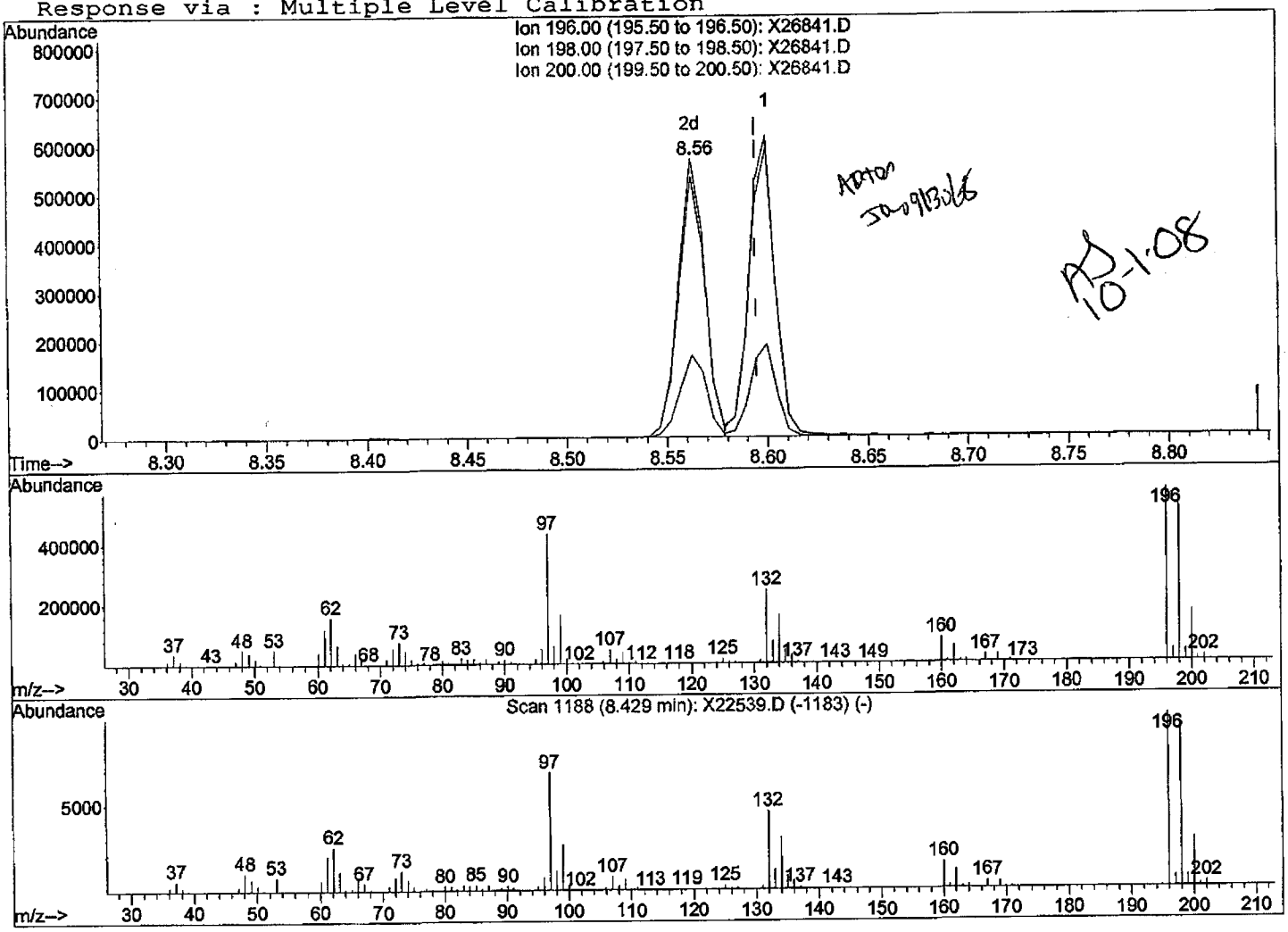
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	95.63
200.00	32.50	30.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26841.D
Acq On : 30 Sep 2008 11:07
Sample : SSTD120
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:48 2008

Vial: 6
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26841.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.56min (-0.032) 111.80ng m

response 525741

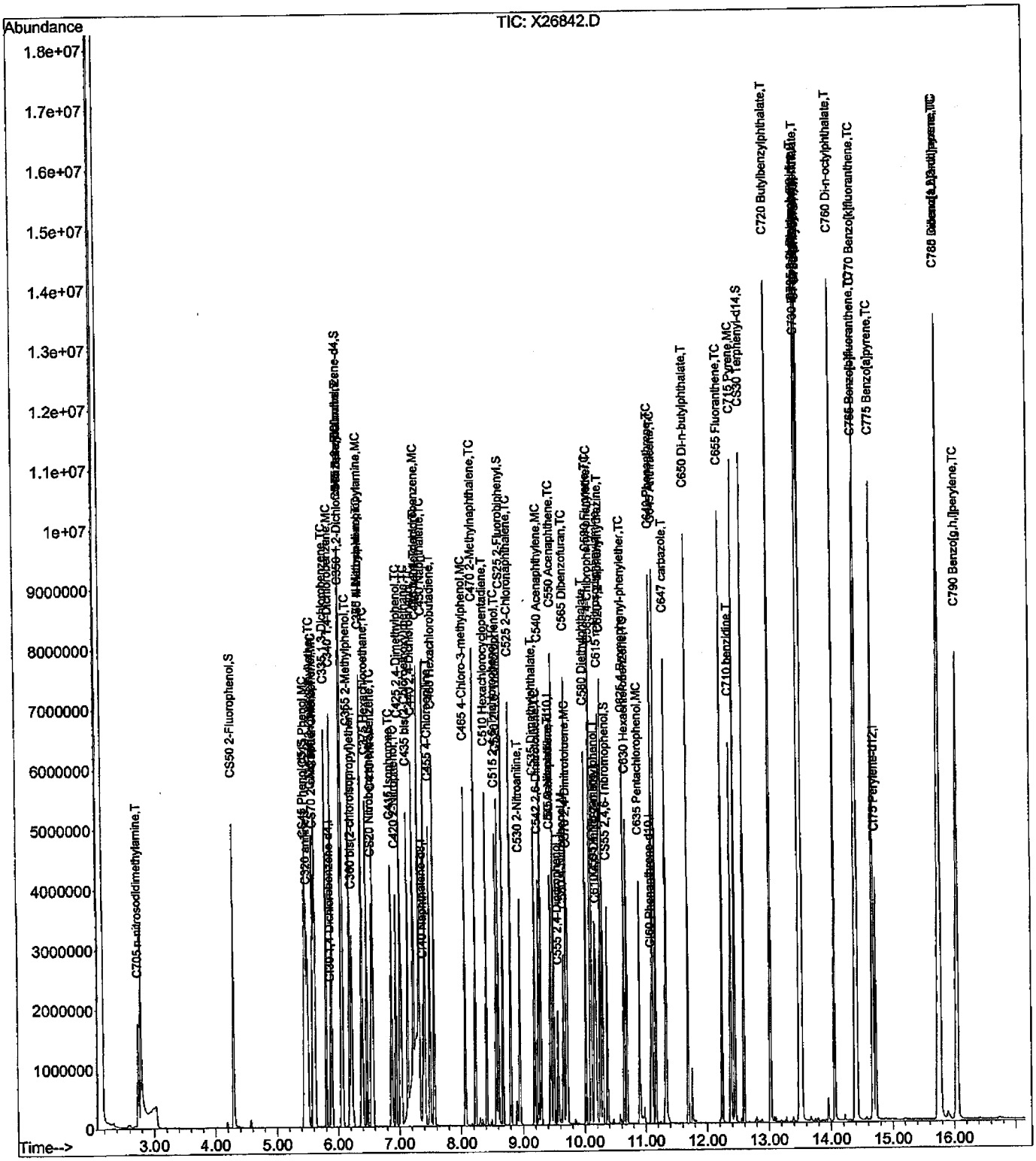
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	93.86
200.00	32.50	29.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 19:11:38 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:11:38 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	239967	40.00	ng	0.01 107.40%
20) CI40 Naphthalene-d8	7.39	136	818553	40.00	ng	0.00 109.09%
35) CI50 Acenaphthene-d10	9.46	164	416810	40.00	ng	0.01 98.15%
56) CI60 Phenanthrene-d10	11.09	188	766243	40.00	ng	0.01 98.24%
68) CI70 Chrysene-d12	13.51	240	1155019	40.00	ng	0.02 107.38%
78) CI75 Perylene-d12	14.73	264	1577734	40.00	ng	0.02 113.58%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	1409074	152.37	ng	0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 101.58%			
5) CS45 Phenol-d5	5.46	99	1804182	153.14	ng	0.03
Spiked Amount 150.000	Range 10 - 110		Recovery = 102.09%			
6) CS70 2-chlorophenol-d4	5.61	132	1202161	152.39	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 101.59%			
12) CS75 1,2-dichlorobenzene-d	6.06	152	778917	150.53	ng	0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 150.53%#			
21) CS20 Nitrobenzene-d5	6.55	82	1667032	161.44	ng	0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 161.44%#			
39) CS25 2-Fluorobiphenyl	8.68	172	2430780	162.79	ng	0.01
Spiked Amount 100.000	Range 43 - 116		Recovery = 162.79%#			
59) CS55 2,4,6-Tribromophenol	10.37	330	317342	182.18	ng	0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 121.45%			
71) CS30 Terphenyl-d14	12.60	244	3326087	154.53	ng	0.01
Spiked Amount 100.000	Range 33 - 141		Recovery = 154.53%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.74	74	1002612	164.80	ng	97
4) C325 bis(2-Chloroethyl)eth	5.59	93	1479995	149.57	ng	# 69
7) C315 Phenol	5.48	94	1856818	161.51	ng	98
8) C330 2-Chlorophenol	5.63	128	1216816	151.26	ng	82
9) C320 aniline	5.50	93	2376949	150.70	ng	# 59
10) C335 1,3-Dichlorobenzene	5.81	146	1459259	155.23	ng	98
11) C340 1,4-Dichlorobenzene	5.90	146	1449981	152.73	ng	99
13) C350 1,2-Dichlorobenzene	6.08	146	1351122	152.90	ng	97
14) C345 Benzyl alcohol	6.07	108	929860	155.48	ng	96
15) C360 bis(2-chloroisopropyl	6.23	45	1953793	148.61	ng	88
16) C355 2-Methylphenol	6.19	108	1177590	149.71	ng	96
17) C375 Hexachloroethane	6.47	117	630134	155.45	ng	92
18) C370 N-Nitroso-di-n-propyl	6.40	70	1113117	151.94	ng	# 66
19) C365 4-Methylphenol	6.39	108	1217096	151.63	ng	98
22) C410 Nitrobenzene	6.57	77	1689945	157.74	ng	98
23) C415 Isophorone	6.87	82	2779450	152.11	ng	95
24) C430 benzoic acid	7.32	122	2143992m	629.39	ng	# 82
25) C420 2-Nitrophenol	6.95	139	598008	178.00	ng	91
26) C425 2,4-Dimethylphenol	7.02	107	1408115	157.00	ng	91
27) C435 bis(2-Chloroethoxy)me	7.14	93	1642347	156.06	ng	97
28) C440 2,4-Dichlorophenol	7.23	162	1005812	155.41	ng	99

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:11:38 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.33	180	1088476	157.05 ng		94
30) C450 Naphthalene	7.42	128	3396263	157.53 ng		99
31) C455 4-Chloroaniline	7.50	127	1318123	151.83 ng		99
32) C460 Hexachlorobutadiene	7.57	225	722494	158.16 ng		95
33) C465 4-Chloro-3-methylphen	8.07	107	1107497	152.77 ng		91
34) C470 2-Methylnaphthalene	8.24	142	2210285	154.51 ng		100
36) C510 Hexachlorocyclopentad	8.41	237	855417	175.98 ng		95
37) C515 2,4,6-Trichlorophenol	8.57	196	676149m	163.20 ng		97
38) C520 2,4,5-Trichlorophenol	8.61	196	700074	168.97 ng		100
40) C525 2-Chloronaphthalene	8.81	162	2036095	162.45 ng		96
41) C530 2-Nitroaniline	8.95	65	762526	169.22 ng		96
42) C540 Acenaphthylene	9.29	152	3108952	160.75 ng		98
43) C535 Dimethylphthalate	9.19	163	2324499	157.09 ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	510244	169.99 ng		88
45) C550 Acenaphthene	9.50	153	1883569	159.34 ng		95
46) C545 3-Nitroaniline	9.45	138	563153	172.43 ng		87
47) C555 2,4-Dinitrophenol	9.57	184	243336	215.14 ng	#	61
48) C565 Dibenzofuran	9.71	168	2827854	157.30 ng		86
49) C570 2,4-Dinitrotoluene	9.73	165	728282	173.55 ng	#	69
50) C560 4-Nitrophenol	9.66	109	485048	183.08 ng	#	35
51) C590 Fluorene	10.10	166	2296756	155.02 ng		95
52) C585 4-Chlorophenyl-phenyl	10.12	204	1098152	155.09 ng		91
53) C580 Diethylphthalate	10.02	149	2302009	156.30 ng		98
54) C620 1,2-diphenylhydrazine	10.29	77	2877658	151.47 ng		91
55) C595 4-Nitroaniline	10.17	138	596011	174.31 ng	#	65
57) C610 4,6-Dinitro-2-methylp	10.19	198	381718	216.18 ng		100
58) C615 n-Nitrosodiphenylamin	10.26	169	1640732	158.51 ng		94
60) C625 4-Bromophenyl-phenyle	10.65	248	641321	158.26 ng	#	87
61) C630 Hexachlorobenzene	10.69	284	678937	155.90 ng		79
62) C635 Pentachlorophenol	10.90	266	433460	195.37 ng		100
63) C640 Phenanthrene	11.12	178	3285678	155.58 ng		99
64) C645 Anthracene	11.17	178	3396643	155.40 ng		99
65) C647 carbazole	11.34	167	3501533	162.84 ng		96
66) C650 Di-n-butylphthalate	11.69	149	4212514	161.73 ng		99
67) C655 Fluoranthene	12.24	202	4343883	166.30 ng		90
69) C715 Pyrene	12.45	202	4522147	151.96 ng		84
70) C710 benzidine	12.39	184	2730237	166.26 ng		100
72) C720 Butylbenzylphthalate	13.03	149	2348170	162.09 ng		92
73) C725 3,3'-Dichlorobenzidin	13.49	252	2293967	166.10 ng		98
74) C730 Benzo[a]anthracene	13.50	228	4935667	158.42 ng		100
75) C735 Chrysene	13.54	228	4774781	161.09 ng		99
76) C740 bis(2-Ethylhexyl)phth	13.52	149	3425256	159.01 ng		94
77) C760 Di-n-octylphthalate	14.06	149	6818914	169.83 ng		99
79) C765 Benzo[b]fluoranthene	14.41	252	8121212m	162.53 ng		97
80) C770 Benzo[k]fluoranthene	14.43	252	4637407m	100.68 ng		97
81) C775 Benzo[a]pyrene	14.69	252	6173233	156.55 ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.78	276	8541823	161.82 ng		96
83) C785 Dibenz[a,h]anthracene	15.79	278	7359778	159.97 ng		93
84) C790 Benzo[g,h,i]perylene	16.07	276	7455165	160.79 ng		94

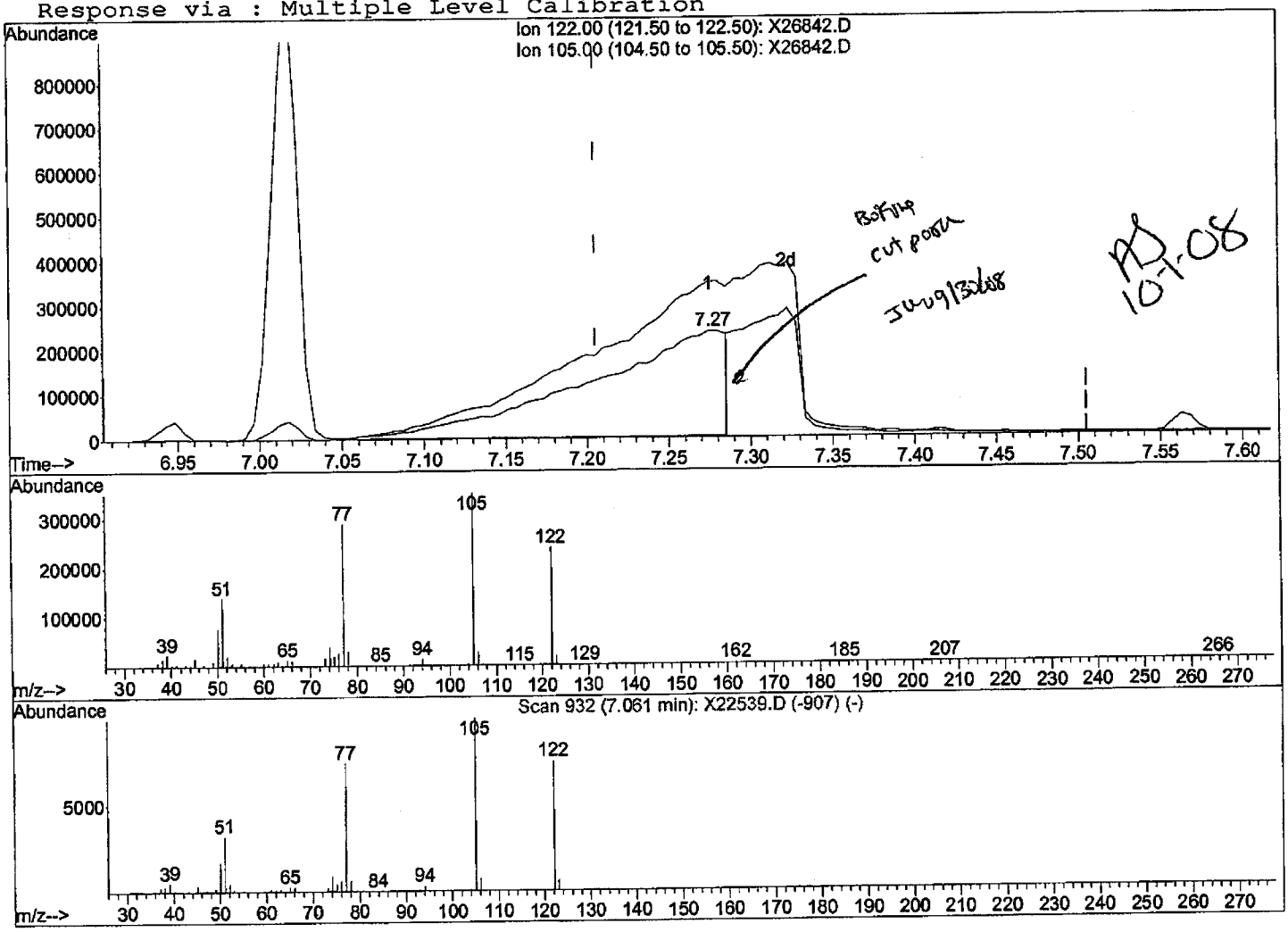
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26842.D

(24) C430 benzoic acid (T)

7.27min (+0.069) 406.42ng

response 1384450

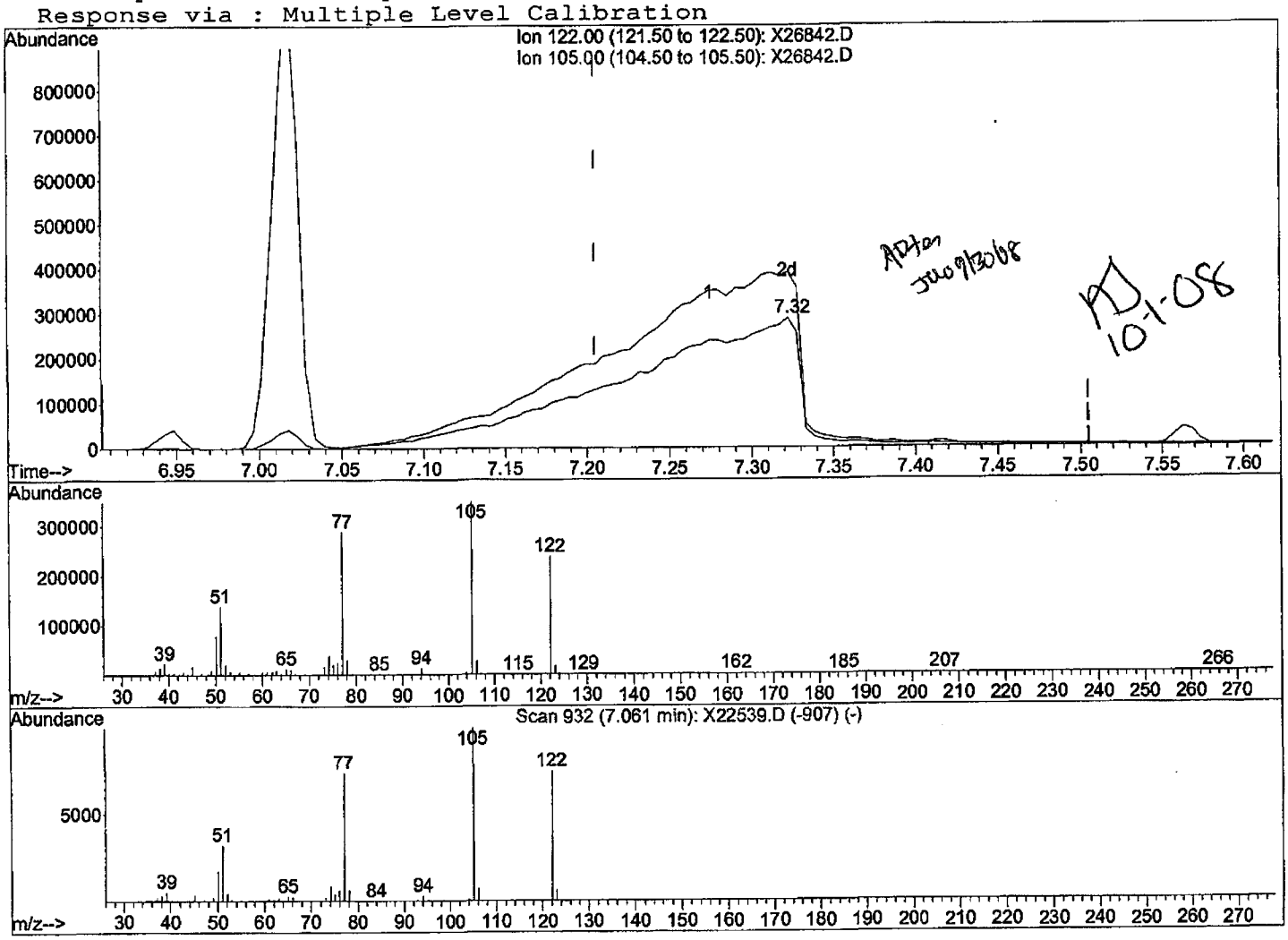
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	150.18#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26842.D

(24) C430 benzoic acid (T)

7.32min (+0.118) 629.39ng m

response 2143992

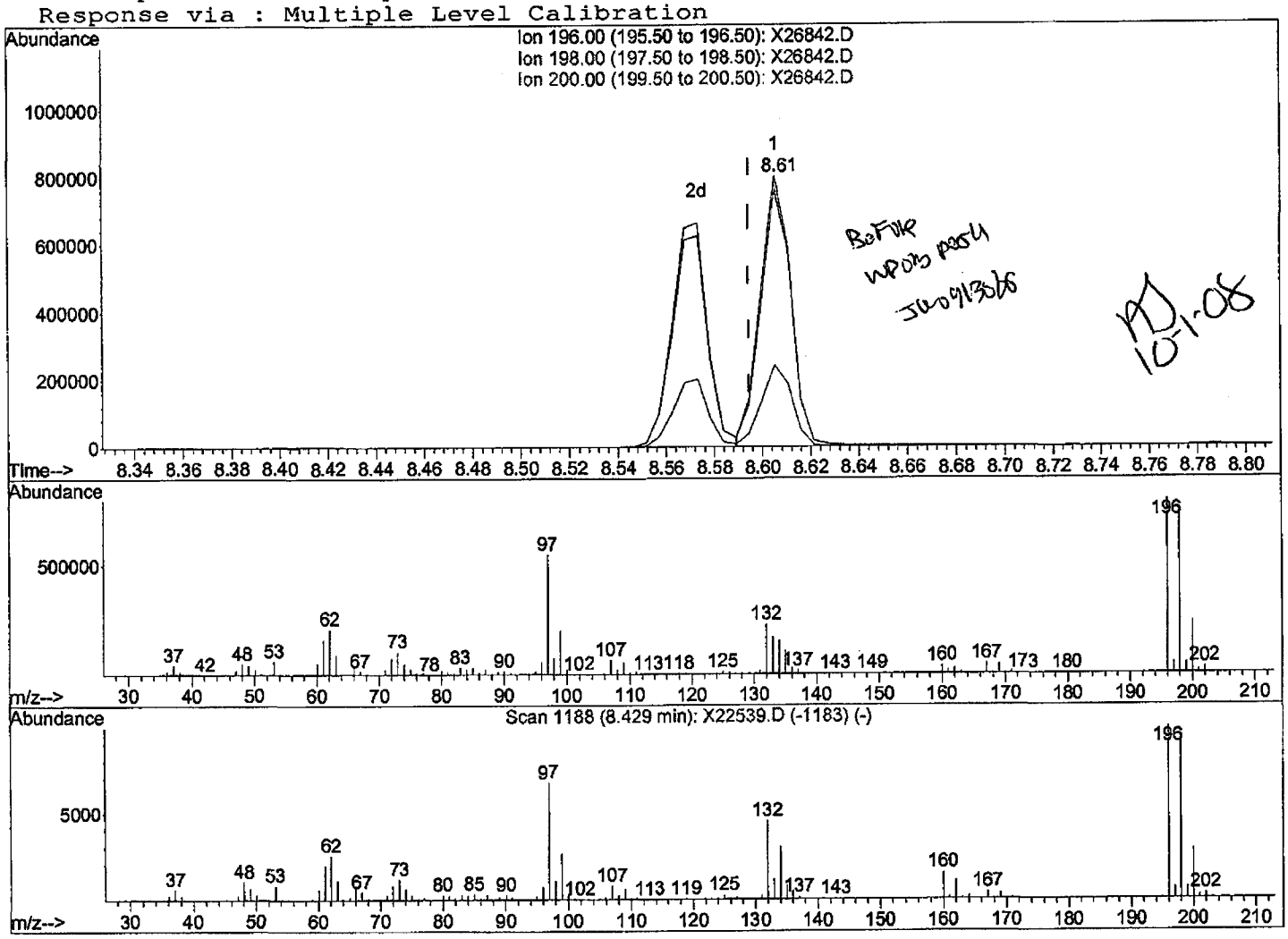
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	96.98#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26842.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.61min (+0.011) 168.97ng

response 700074

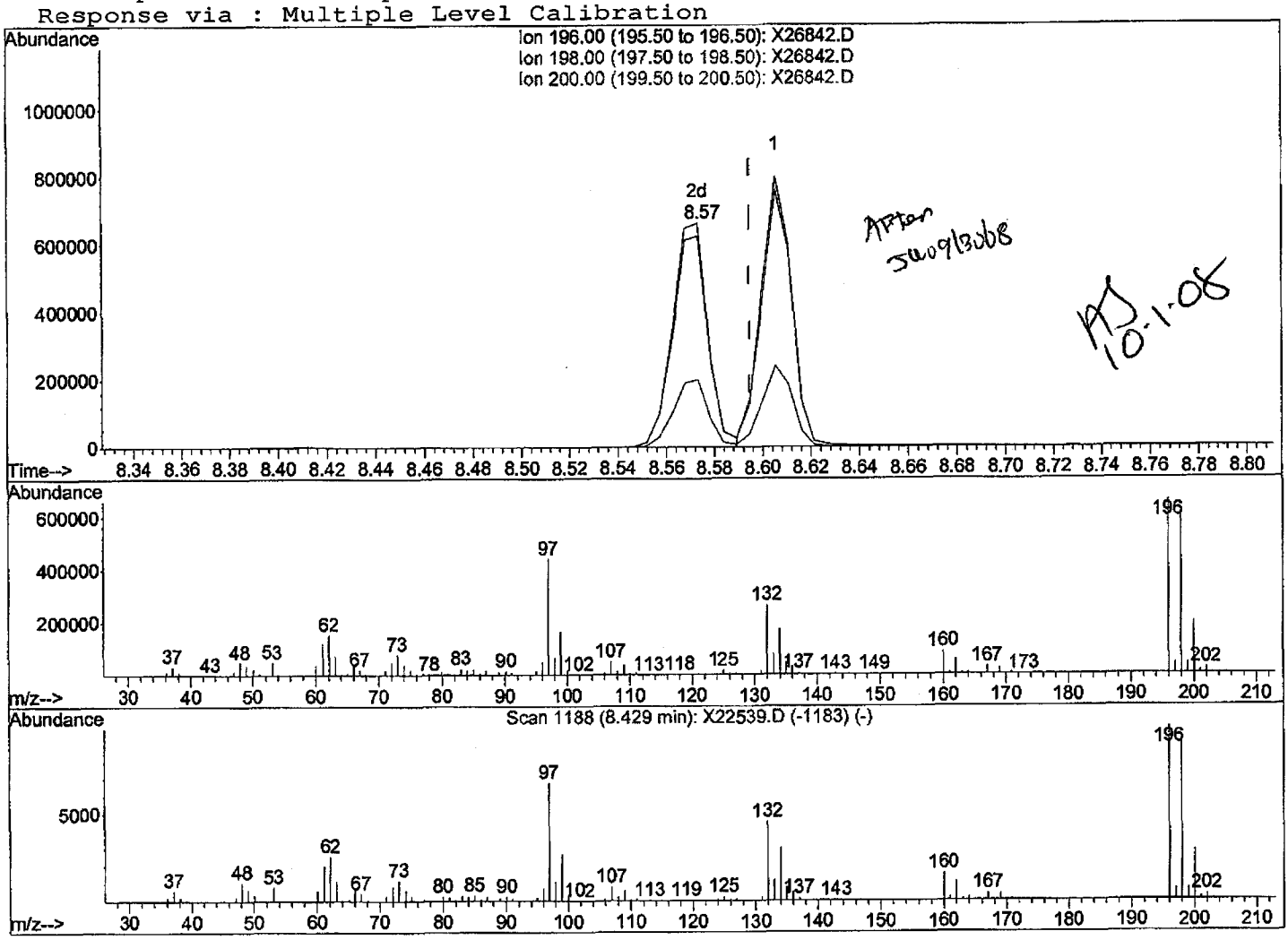
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	95.09
200.00	32.50	29.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26842.D

(37) C515 2,4,6-Trichlorophenol (TC)

8.57min (-0.021) 163.20ng m

response 676149

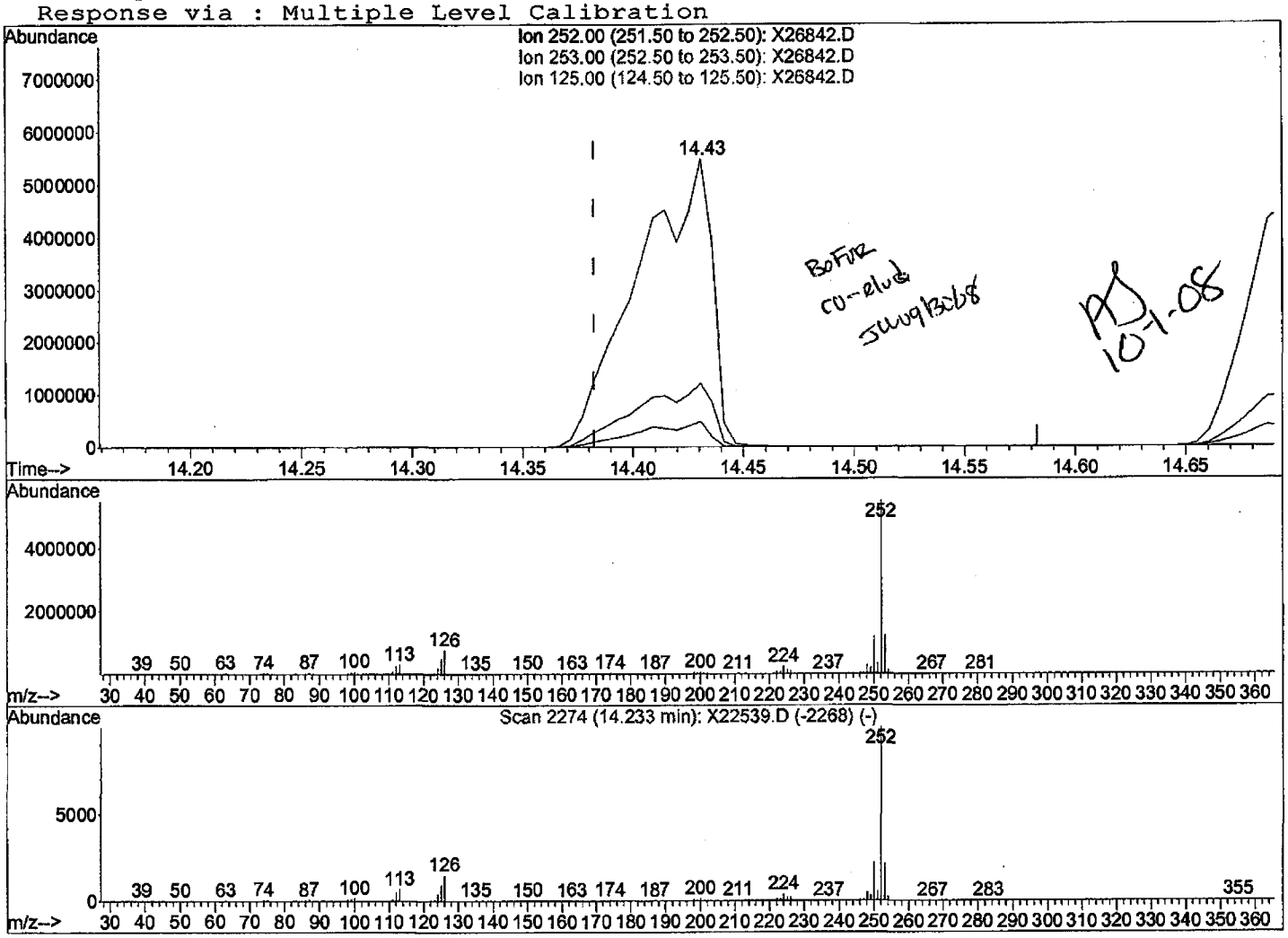
Ion	Exp%	Act%
196.00	100	100
198.00	97.60	94.22
200.00	32.50	30.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26842.D

(79) C765 Benzo[b]fluoranthene (TC)

14.43min (+0.048) 255.86ng

response 12784579

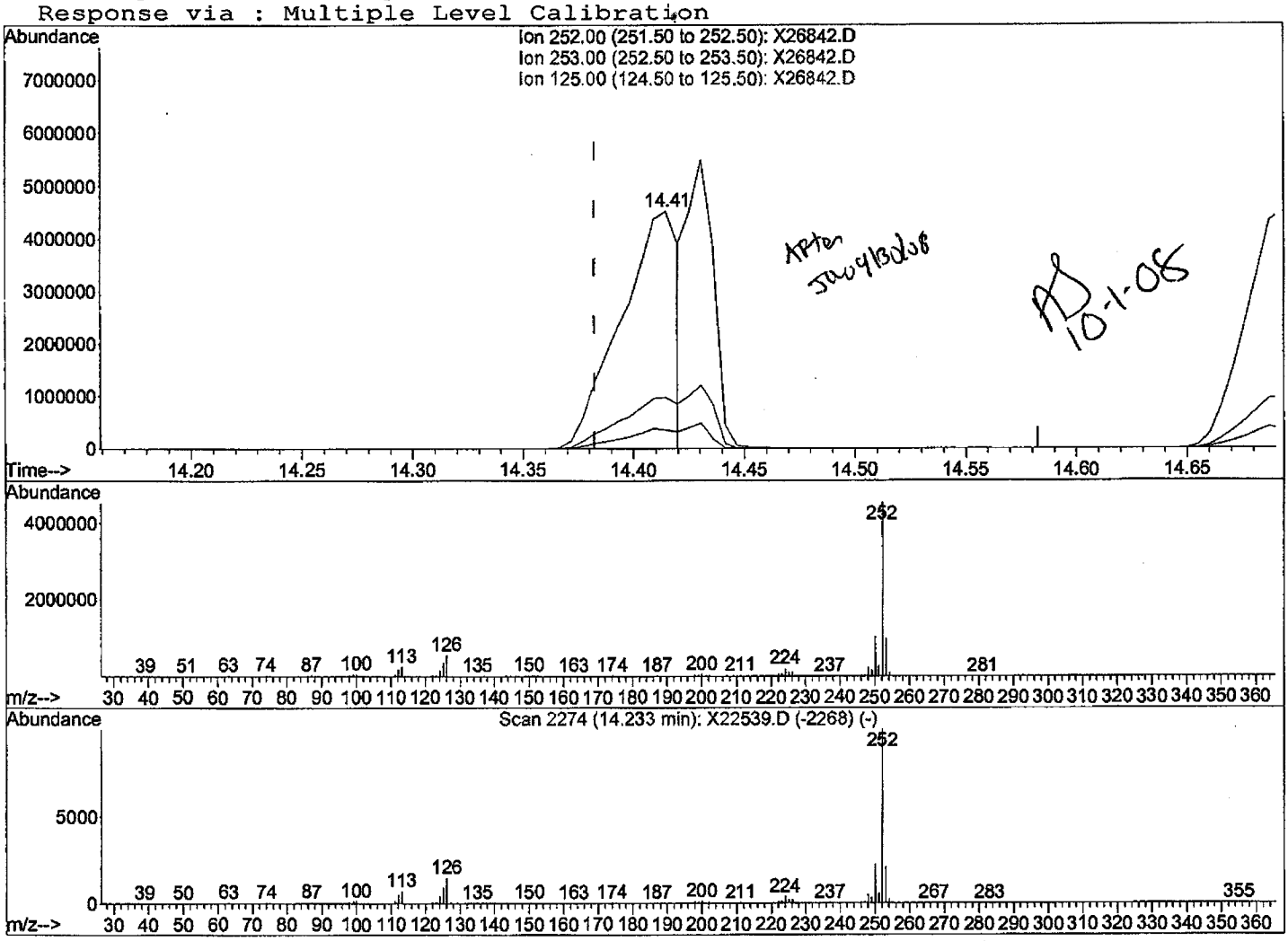
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.08
125.00	11.00	8.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration



TIC: X26842.D

(79) C765 Benzo[b]fluoranthene (TC)

14.41min (+0.032) 162.53ng m

response 8121212

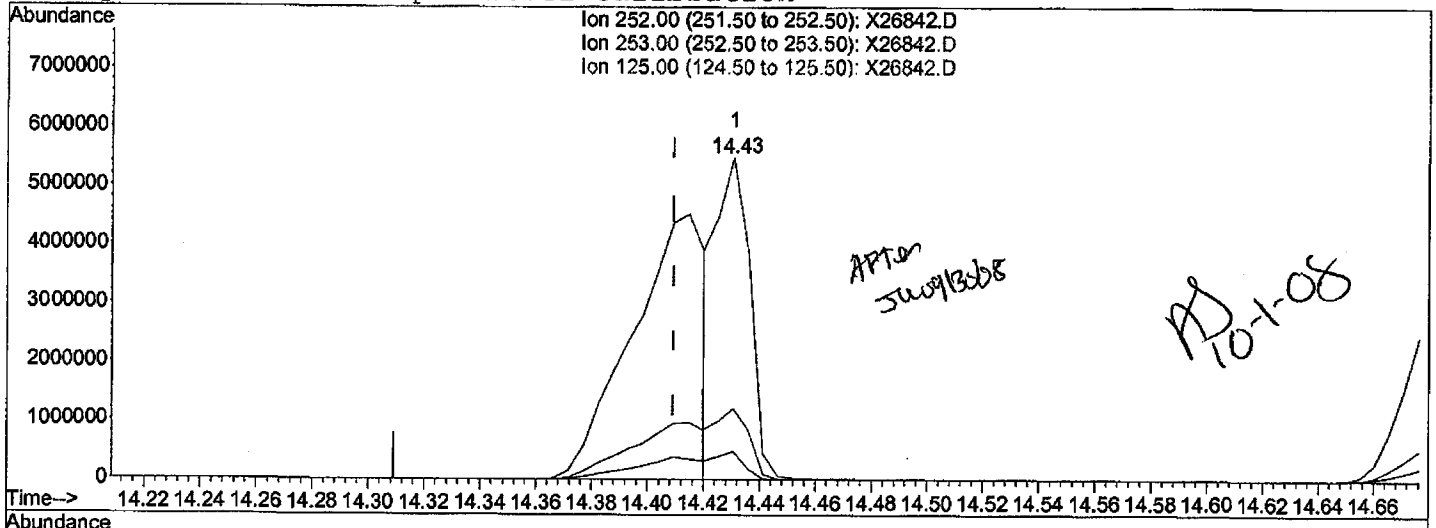
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.54
125.00	11.00	7.86
0.00	0.00	0.00

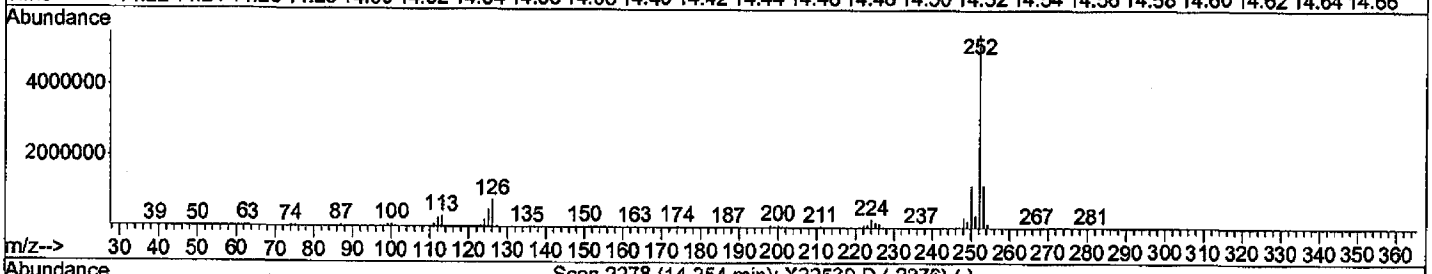
Quantitation Report (Qedit)

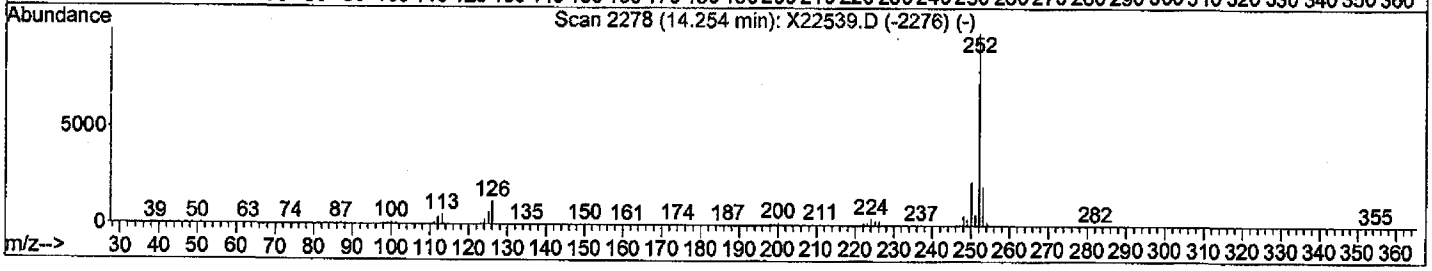
Data File : D:\DATA\093008\X26842.D
Acq On : 30 Sep 2008 11:30
Sample : SSTD160
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:09:55 2008

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:09:22 2008
Response via : Multiple Level Calibration







TIC: X26842.D

(80) C770 Benzo[k]fluoranthene (TC)

14.43min (+0.021) 100.68ng m

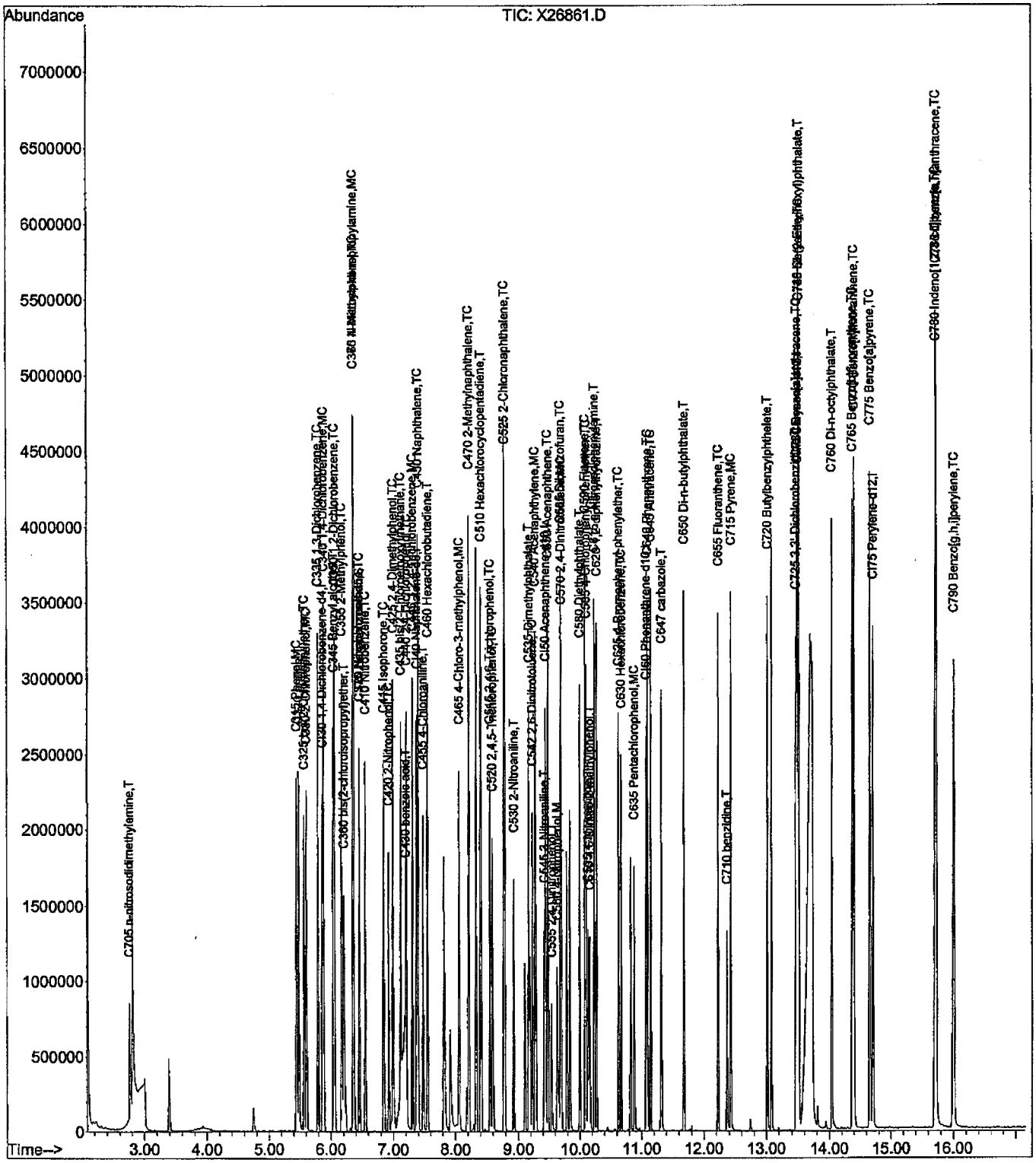
response 4637407

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.08
125.00	11.50	8.88
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26861.D Vial: 26
Acq On : 30 Sep 2008 18:44 Operator: AJ
Sample : CHECK050 Inst : HP5973X
Misc : 2NDSC(9-8-08) Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 30 19:29:23 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:21:25 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26861.D
Acq On : 30 Sep 2008 18:44
Sample : CHECK050
Misc : 2NDSC(9-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:29:23 2008

Vial: 26
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:21:25 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	330060	40.00	ng	0.00
20) CI40 Naphthalene-d8	7.38	136	1184891	40.00	ng	147.72% 0.00
35) CI50 Acenaphthene-d10	9.44	164	580929	40.00	ng	157.91% 0.00
56) CI60 Phenanthrene-d10	11.07	188	863748	40.00	ng	136.79% 0.00
68) CI70 Chrysene-d12	13.49	240	882339	40.00	ng	110.74% 0.00
78) CI75 Perylene-d12	14.70	264	1187129	40.00	ng	82.03% -0.01
						85.46%

System Monitoring Compounds							
3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng		
Spiked Amount 150.000	Range 21 - 110		Recovery = 0.00%#				
5) CS45 Phenol-d5	0.00	99	0	0.00	ng		
Spiked Amount 150.000	Range 10 - 110		Recovery = 0.00%#				
6) CS70 2-chlorophenol-d4	5.61	132	741	0.07	ng	0.02	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.05%#				
12) CS75 1,2-dichlorobenzene-d	6.05	152	290	0.04	ng	0.00	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.04%#				
21) CS20 Nitrobenzene-d5	6.46	82	77970	5.22	ng	-0.08	
Spiked Amount 100.000	Range 34 - 114		Recovery = 5.22%#				
39) CS25 2-Fluorobiphenyl	8.66	172	598	0.03	ng	-0.01	
Spiked Amount 100.000	Range 43 - 116		Recovery = 0.03%#				
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
Spiked Amount 150.000	Range 10 - 123		Recovery = 0.00%#				
71) CS30 Terphenyl-d14	12.58	244	805	0.05	ng	-0.01	
Spiked Amount 100.000	Range 33 - 141		Recovery = 0.05%#				

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.76	74	446597	53.37	ng	99
4) C325 bis(2-Chloroethyl)eth	5.57	93	699764	51.42	ng #	69
7) C315 Phenol	5.45	94	775175	49.02	ng	96
8) C330 2-Chlorophenol	5.61	128	567777	51.31	ng	80
9) C320 aniline	5.48	93	1051150	48.45	ng	90
10) C335 1,3-Dichlorobenzene	5.79	146	717659	55.50	ng	99
11) C340 1,4-Dichlorobenzene	5.88	146	709167	54.31	ng	96
13) C350 1,2-Dichlorobenzene	6.06	146	665356	54.74	ng	98
14) C345 Benzyl alcohol	6.05	108	409378	49.77	ng	93
15) C360 bis(2-chloroisopropyl	6.21	45	923924	51.09	ng	89
16) C355 2-Methylphenol	6.17	108	550384	50.87	ng	99
17) C375 Hexachloroethane	6.46	117	299770	53.76	ng	96
18) C370 N-Nitroso-di-n-propyl	6.37	70	498144	49.44	ng #	66
19) C365 4-Methylphenol	6.37	108	537459	48.68	ng	88
22) C410 Nitrobenzene	6.55	77	796595	51.37	ng	98
23) C415 Isophorone	6.85	82	1227811	46.42	ng	94
24) C430 benzoic acid	7.19	122	670262	137.78	ng #	81
25) C420 2-Nitrophenol	6.93	139	274596	56.47	ng	86
26) C425 2,4-Dimethylphenol	7.00	107	595938	45.90	ng	89
27) C435 bis(2-Chloroethoxy)me	7.12	93	735470	48.28	ng	98
28) C440 2,4-Dichlorophenol	7.21	162	449574	47.99	ng	97

Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26861.D
Acq On : 30 Sep 2008 18:44
Sample : CHECK050
Misc : 2NDSC(9-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 19:29:23 2008

Vial: 26
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:21:25 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	514774	51.31 ng		95
30) C450 Naphthalene	7.40	128	1587411	50.87 ng		99
31) C455 4-Chloroaniline	7.48	127	555429	44.20 ng		98
32) C460 Hexachlorobutadiene	7.55	225	339592	51.36 ng		97
33) C465 4-Chloro-3-methylphen	8.06	107	461846	44.01 ng		91
34) C470 2-Methylnaphthalene	8.21	142	1043572	50.40 ng		97
36) C510 Hexachlorocyclopentad	8.40	237	386145	57.00 ng		94
37) C515 2,4,6-Trichlorophenol	8.55	196	278789	51.45 ng		97
38) C520 2,4,5-Trichlorophenol	8.59	196	300635	52.06 ng		99
40) C525 2-Chloronaphthalene	8.79	162	938722	53.74 ng		94
41) C530 2-Nitroaniline	8.93	65	301481	48.00 ng		90
42) C540 Acenaphthylene	9.27	152	1354666	50.26 ng		98
43) C535 Dimethylphthalate	9.17	163	958630	46.48 ng		99
44) C542 2,6-Dinitrotoluene	9.23	165	219435	52.45 ng		85
45) C550 Acenaphthene	9.48	153	815605	49.50 ng		98
46) C545 3-Nitroaniline	9.43	138	181504	39.87 ng		90
47) C555 2,4-Dinitrophenol	9.55	184	89110	51.56 ng	#	61
48) C565 Dibenzofuran	9.69	168	1183366	47.23 ng		85
49) C570 2,4-Dinitrotoluene	9.70	165	269673	43.50 ng	#	60
50) C560 4-Nitrophenol	9.64	109	148133	38.64 ng	#	40
51) C590 Fluorene	10.09	166	933822	45.22 ng		97
52) C585 4-Chlorophenyl-phenyl	10.10	204	460084	46.62 ng		91
53) C580 Diethylphthalate	10.00	149	878818	42.81 ng		99
54) C620 1,2-diphenylhydrazine	10.27	77	1152521	43.53 ng		91
55) C595 4-Nitroaniline	10.13	138	179636	37.70 ng	#	68
57) C610 4,6-Dinitro-2-methylp	10.16	198	137120	59.88 ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	752983	64.53 ng		92
60) C625 4-Bromophenyl-phenyle	10.63	248	251935	55.15 ng		88
61) C630 Hexachlorobenzene	10.67	284	263173	53.61 ng		74
62) C635 Pentachlorophenol	10.88	266	149716	54.98 ng		98
63) C640 Phenanthrene	11.10	178	1193154	50.12 ng		99
64) C645 Anthracene	11.15	178	1177258	47.78 ng		99
65) C647 carbazole	11.32	167	1013905	41.83 ng		96
66) C650 Di-n-butylphthalate	11.68	149	1363496	46.44 ng		99
67) C655 Fluoranthene	12.23	202	1210799	41.12 ng		83
69) C715 Pyrene	12.43	202	1262458	55.54 ng		81
70) C710 benzidine	12.37	184	430969	34.36 ng		100
72) C720 Butylbenzylphthalate	13.01	149	584706	52.84 ng		93
73) C725 3,3'-Dichlorobenzidin	13.46	252	515092	48.82 ng		98
74) C730 Benzo[a]anthracene	13.48	228	1274850	53.56 ng		99
75) C735 Chrysene	13.51	228	1207185	53.31 ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	865953	52.62 ng		93
77) C760 Di-n-octylphthalate	14.04	149	1626244	53.02 ng		99
79) C765 Benzo[b]fluoranthene	14.37	252	1736553	51.16 ng		95
80) C770 Benzo[k]fluoranthene	14.40	252	1752883	62.00 ng		94
81) C775 Benzo[a]pyrene	14.65	252	1868057	62.96 ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.71	276	2513813	63.29 ng		82
83) C785 Dibenz[a,h]anthracene	15.73	278	2118319	61.19 ng		94
84) C790 Benzo[g,h,i]perylene	16.01	276	2143318	61.44 ng		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: EEMC MSPA Lab Sample ID: A8I0000722-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Intrument ID: HP5973X Calibration Dates(s): 09/30/2008 09/30/2008

Calibration Times: 11:53 13:47

Lab File ID: RRF5 = X26843.RR RRF20 = X26844.RR RRF50 = X26845.RR
RRF80 = X26846.RR RRF120 = X26847.RR RRF160 = X26848.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.077	0.100	0.115	0.121	0.126	0.123	0.1100	16.800
Atrazine	0.209	0.223	0.236	0.232	0.245	0.238	0.2300	5.600
Acetophenone	2.191	2.406	2.346	2.292	2.371	2.239	2.3080	3.600
Biphenyl	1.531	1.656	1.573	1.522	1.578	1.534	1.5660	3.200
Benzaldehyde	1.576	1.786	1.665	1.616	1.661	1.585	1.6480	4.700

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\TCLADDS\
Method File : A8I0722.M
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:35:52 2008
Response Via : Initial Calibration

TCL ADDS
(A8I...0722)

Calibration Files
5 =X26843.D 20 =X26844.D 50 =X26845.D
80 =X26846.D 120 =X26847.D 160 =X26848.D

		Compound	5	20	50	80	120	160	Avg	%RSD
1)	I	CI30 1,4-Dichlorobenz	ISTD							
2)	TC	E600 Benzaldehyde	1.576	1.786	1.665	1.616	1.661	1.585	1.648	4.67#
3)		E145 Acetophenone	2.191	2.406	2.346	2.292	2.371	2.239	2.308	3.57
4)	I	CI40 Naphthalene-d8	ISTD							
5)		E655 Caprolactam	0.077	0.100	0.115	0.121	0.126	0.123	-----	
								L	M= 0.127 R=0.999	
									B= -0.011	
6)		E195 1,2,4,5-Tetrac	0.329	0.355	0.327	0.330	0.333	0.320	0.332	3.55
7)	I	CI50 Acenaphthene-d8	ISTD							
8)		C811 1,1'-Biphenyl	1.531	1.656	1.573	1.521	1.578	1.534	1.566	3.20
9)		E230 2,3,4,6-Tetrac	0.168	0.248	0.268	0.275	0.297	0.295	-----	
								L	M= 0.302 R=0.999	
									B= -0.033	
10)	I	CI60 Phenanthrene-d10	ISTD							
11)		E510 Atrazine	0.209	0.223	0.236	0.232	0.245	0.238	0.230	5.60
12)	I	CI70 Chrysene-d12	ISTD							
13)	I	CI75 Perylene-d12	ISTD							
									Total Average %RSD	4.12

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0722.M Tue Sep 30 20:36:50 2008

Date: 09/30/2008
Time: 20:34:45

ICC Profile

Page: 1
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ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG
Fraction: MB

No of Points: 6
CCC Conc: 50.00

Default Min. RRF: 0.0500

QC Approver: PM
QC Date: 02/20/2008

Comments:

			ng On Column					
Seq		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2	Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2	Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL	Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4	Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8	2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1	1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7	1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6	Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1	1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7	2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1	2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP	3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4	Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8	Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0	2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0	Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2	Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5	4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9	Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644	3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1	a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5	Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0	p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1	9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1	1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0	(z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7	N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1	1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1	Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3	Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1	Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5	2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9	2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0	Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1	Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2	2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1	1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3	Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8	4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3	Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7	4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6	2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4	Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2	2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4	2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7	2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4	2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310 131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320 208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330 606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340 99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350 83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360 51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370 100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380 132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390 121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400 84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410 7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420 86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430 100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440 534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450 86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460 101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470 118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480 87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490 85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500 120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510 84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520 206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530 129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540 85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550 91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560 56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570 218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580 117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590 117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600 205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610 207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620 50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630 193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640 53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650 191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660 4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670 321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680 92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690 SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700 367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710 118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720 SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730 SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740 SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750 1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770 198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780 SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781 87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782 634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783 87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785 95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
786 122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787 108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788 99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789 99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790 634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791 123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792 100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793 130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794 90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795 90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796 832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797 134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798 490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799 58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801 935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802 933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803 236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805 576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806 61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807 634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808 554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810 95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811 583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812 19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813 87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814 2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815 118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816 581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817 53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818 95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819 109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820 497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821 91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822 109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823 88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824 119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825 119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826 609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827 95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828 95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829 95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830 591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831 108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832 3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833 542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834 626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835 56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836 108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837 101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838 92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839 106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
840 4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841 56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842 99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843 57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844 98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845 62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846 140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847 103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848 103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849 108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850 92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851 192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852 92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853 124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854 128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855 57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856 510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857 2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858 192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859 189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860 320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861 109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862 60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863 117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864 120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865 124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866 122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867 298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868 DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869 62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870 107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871 52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872 70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873 1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874 465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875 28553-12-0	Isononylpthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876 120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877 143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878 91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879 66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880 298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881 68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882 121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883 924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884 55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885 62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886 10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887 59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888 100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889 930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890 126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891 95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

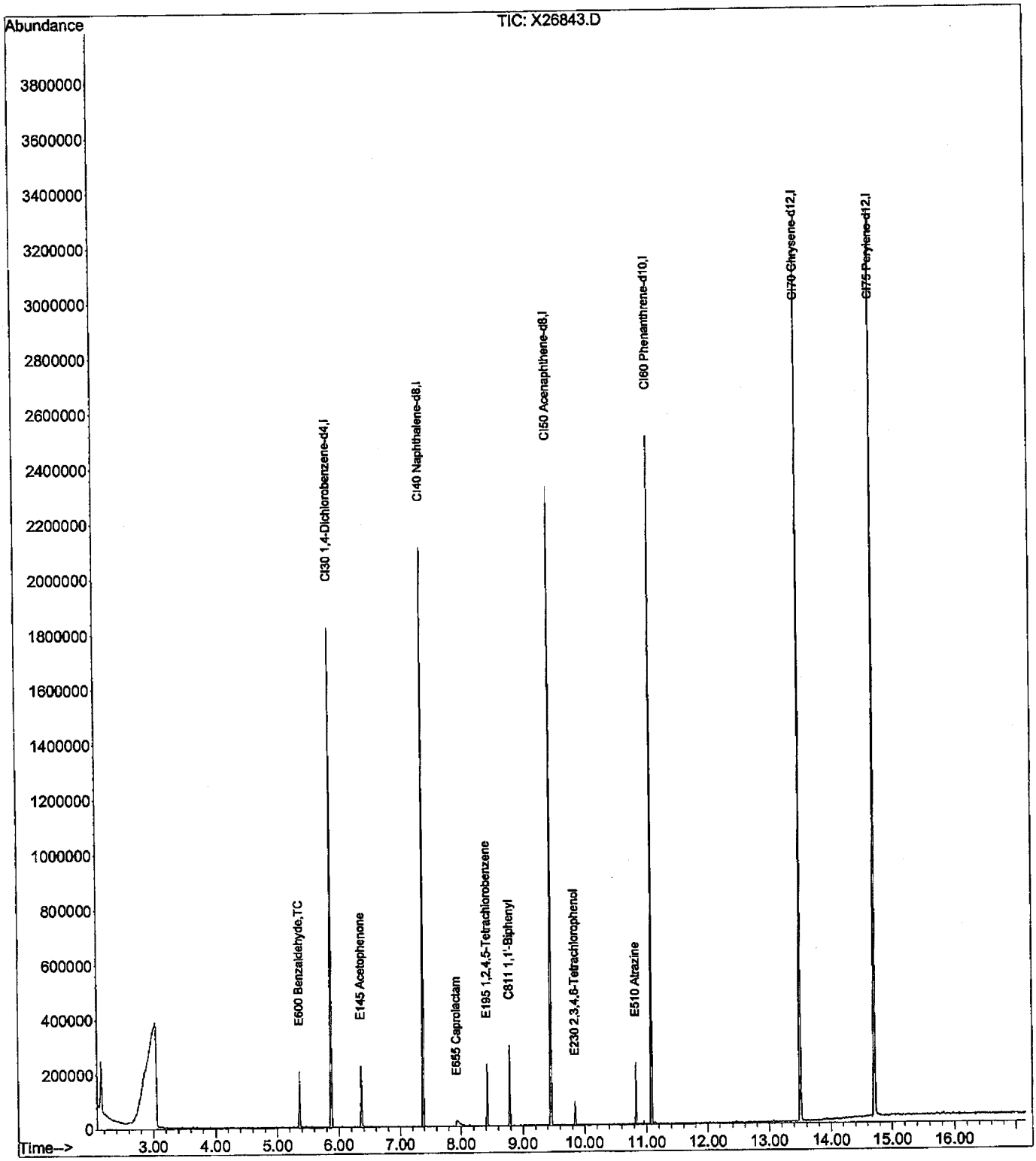
Seq	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998 100-52-7	Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999 TOTALPAH	Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26843.D
Acq On : 30 Sep 2008 11:53
Sample : SSTD005
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:35:18 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26843.D
Acq On : 30 Sep 2008 11:53
Sample : SSTD005
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:35:18 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	236195	40.00	ng		0.02 101.50%
4) CI40 Naphthalene-d8	7.39	136	861997	40.00	ng		0.02 102.41%
7) CI50 Acenaphthene-d8	9.45	164	454009	40.00	ng		0.01 100.33%
10) CI60 Phenanthrene-d10	11.08	188	830155	40.00	ng		0.01 101.13%
12) CI70 Chrysene-d12	13.50	240	1007055	40.00	ng		0.00 102.65%
13) CI75 Perylene-d12	14.71	264	1213174	40.00	ng		0.01 99.82%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	46529	4.78	ng		93
3) E145 Acetophenone	6.36	105	64690	4.75	ng		96
5) E655 Caprolactam	7.93	113	8341m	3.84	ng	#	75
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	35441	4.95	ng		93
8) C811 1,1'-Biphenyl	8.79	154	86862	4.89	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.84	232	9520m	3.62	ng	#	100
11) E510 Atrazine	10.83	200	21650	4.53	ng		91

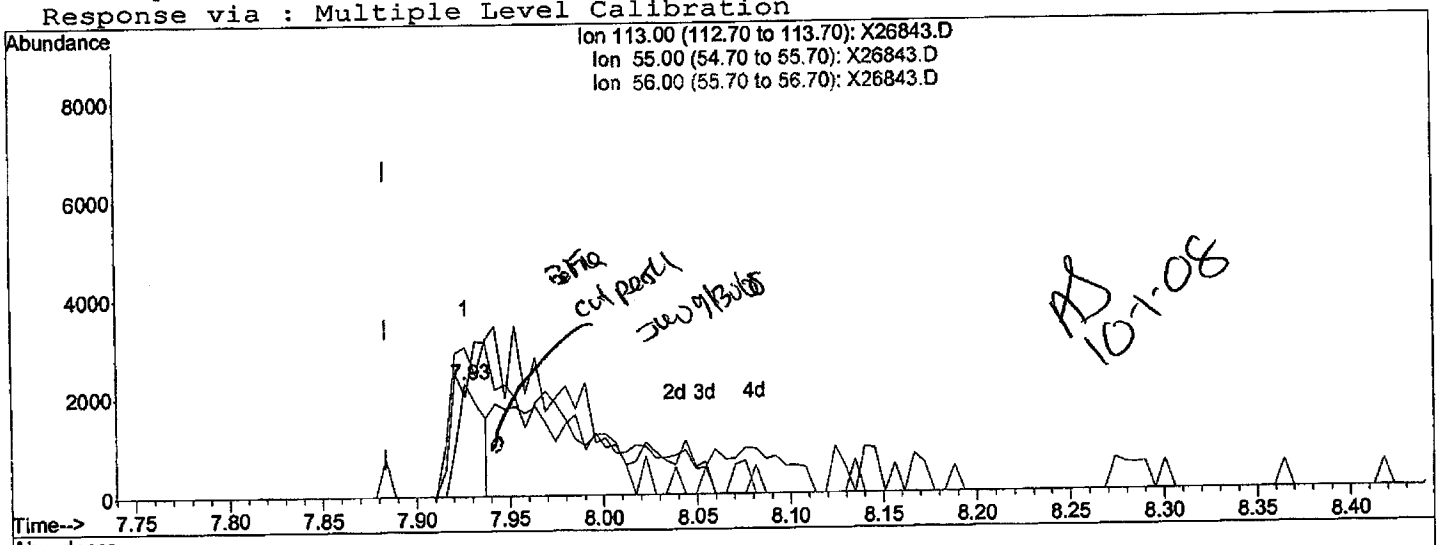
(#) = qualifier out of range (m) = manual integration (+) = signals summed

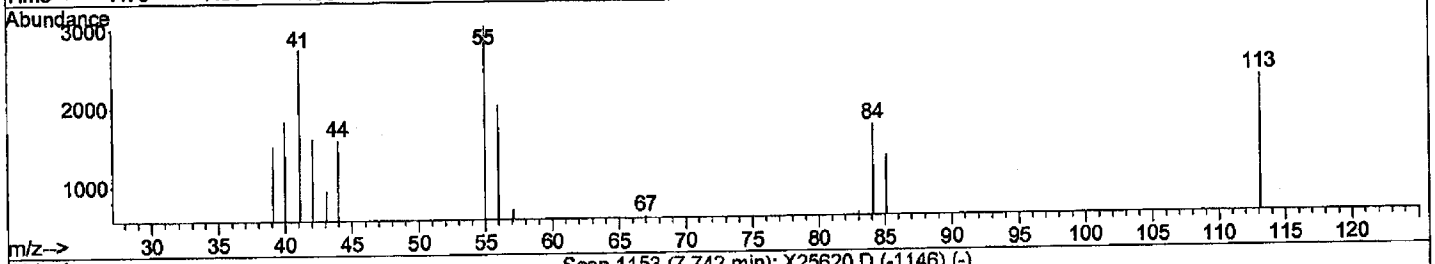
Quantitation Report (Qedit)

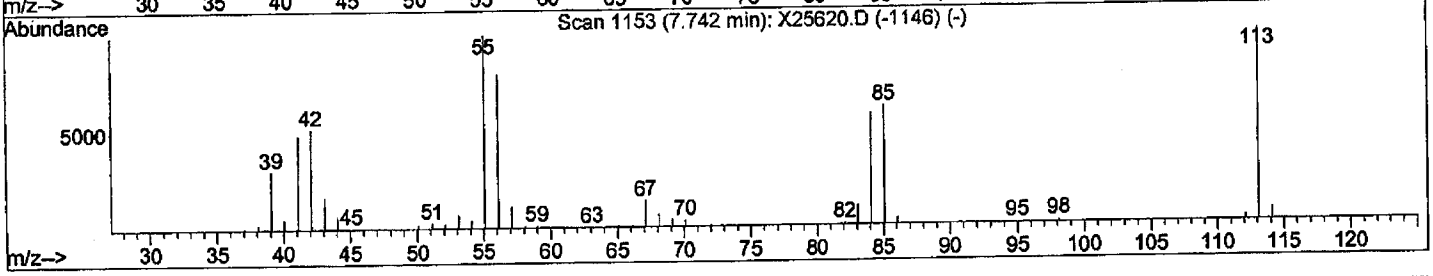
Data File : D:\DATA\093008\X26843.D
Acq On : 30 Sep 2008 11:53
Sample : SSTD005
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:29:27 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Multiple Level Calibration







TIC: X26843.D

(5) E655 Caprolactam

7.93min (+0.043) 1.00ng

response 2163

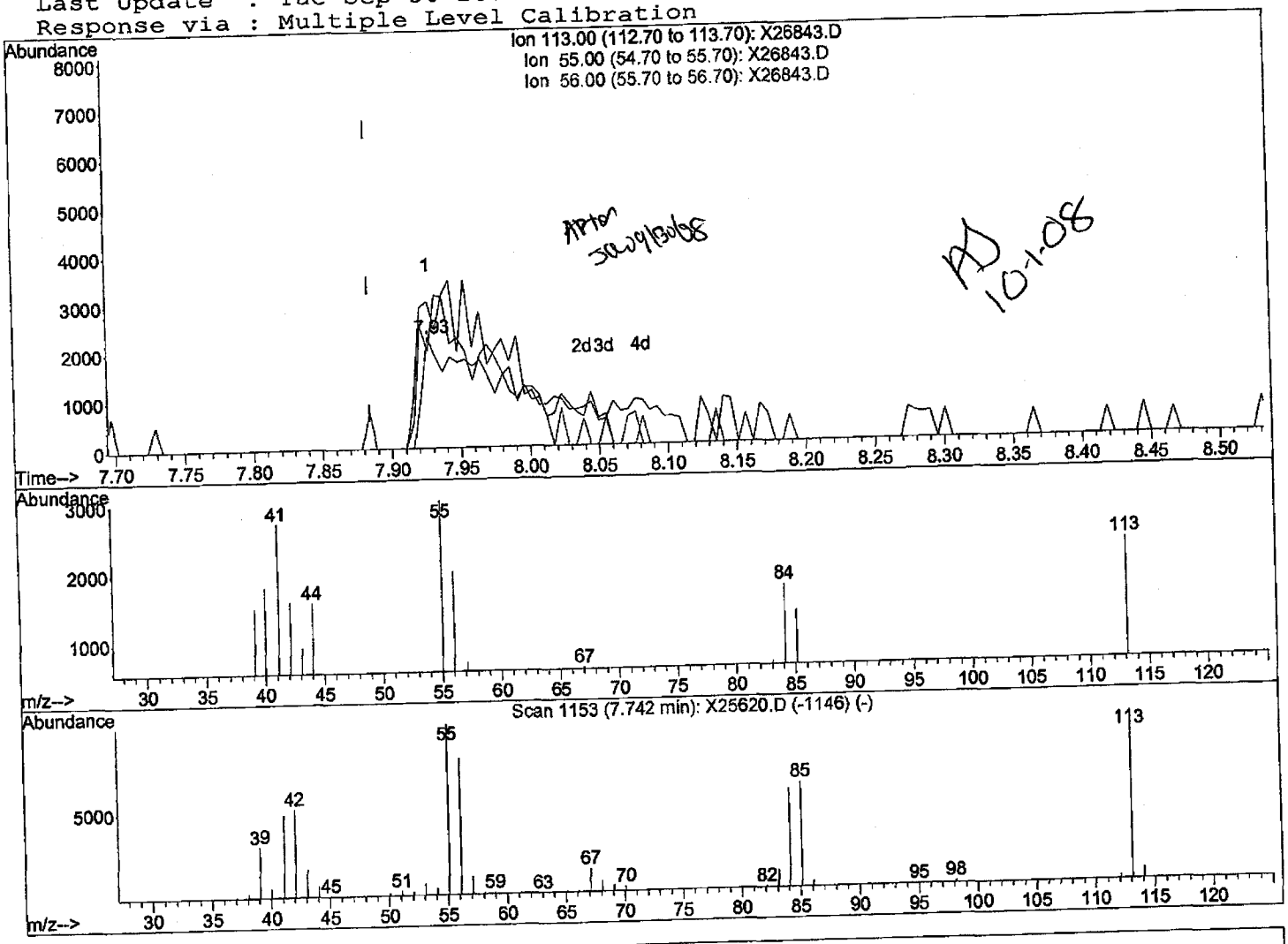
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	132.53#
56.00	94.00	87.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26843.D
Acq On : 30 Sep 2008 11:53
Sample : SSTD005
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:31:44 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Multiple Level Calibration



TIC: X26843.D

(5) E655 Caprolactam

7.93min (+0.043) 3.84ng m

response 8341

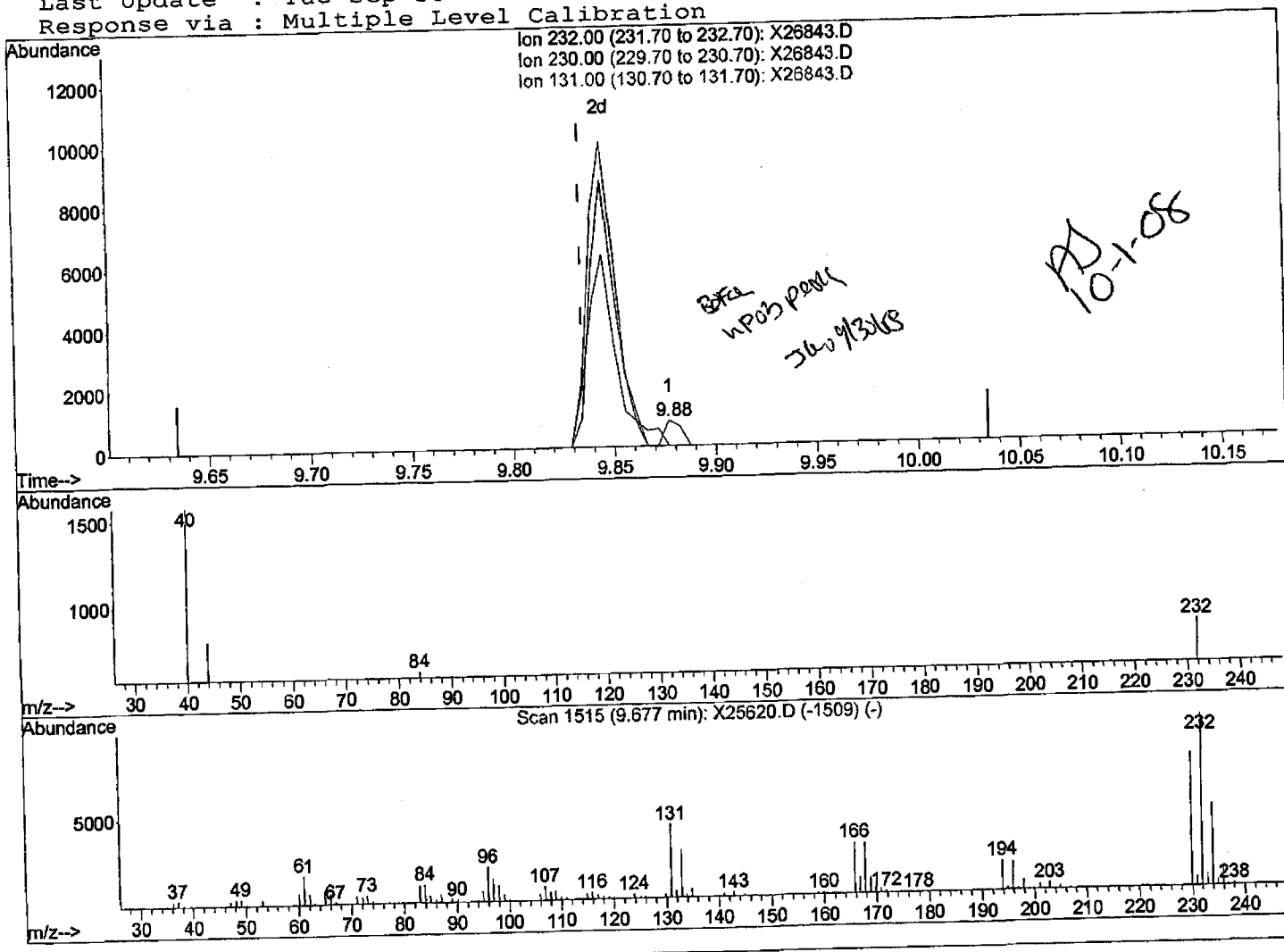
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	132.53#
56.00	94.00	87.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26843.D
Acq On : 30 Sep 2008 11:53
Sample : SSTD005
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:31:44 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:33:39 2008
Response via : Multiple Level Calibration



TIC: X26843.D

(9) E230 2,3,4,6-Tetrachlorophenol

9.88min (+0.043) 0.18ng

response 465

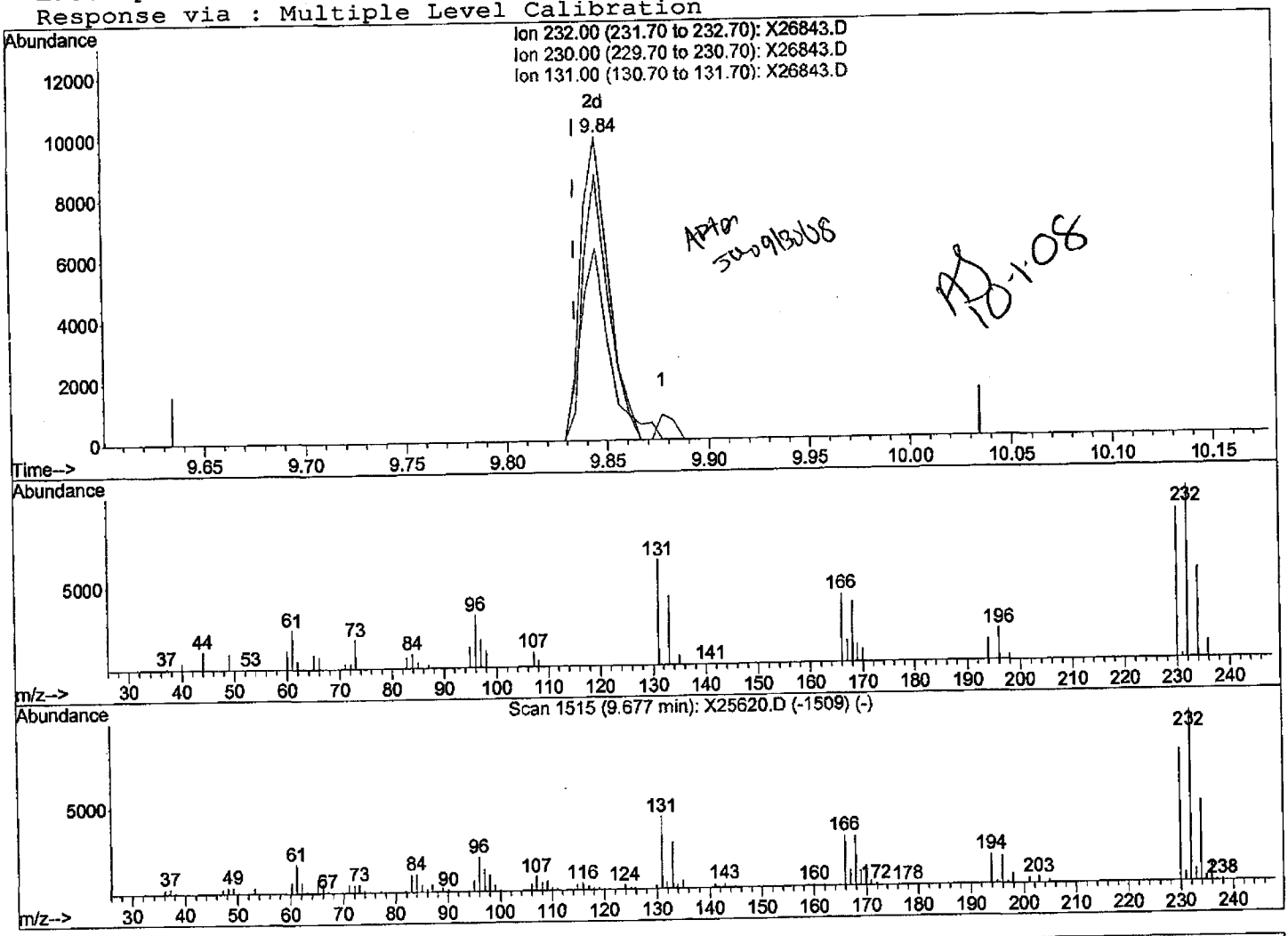
Ion	Exp%	Act%
232.00	100	100
230.00	0.00	0.00
131.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\093008\X26843.D
Acq On : 30 Sep 2008 11:53
Sample : SSTD005
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:31:44 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:33:39 2008
Response via : Multiple Level Calibration



TIC: X26843.D

(9) E230 2,3,4,6-Tetrachlorophenol

9.84min (+0.011) 3.62ng m

response 9520

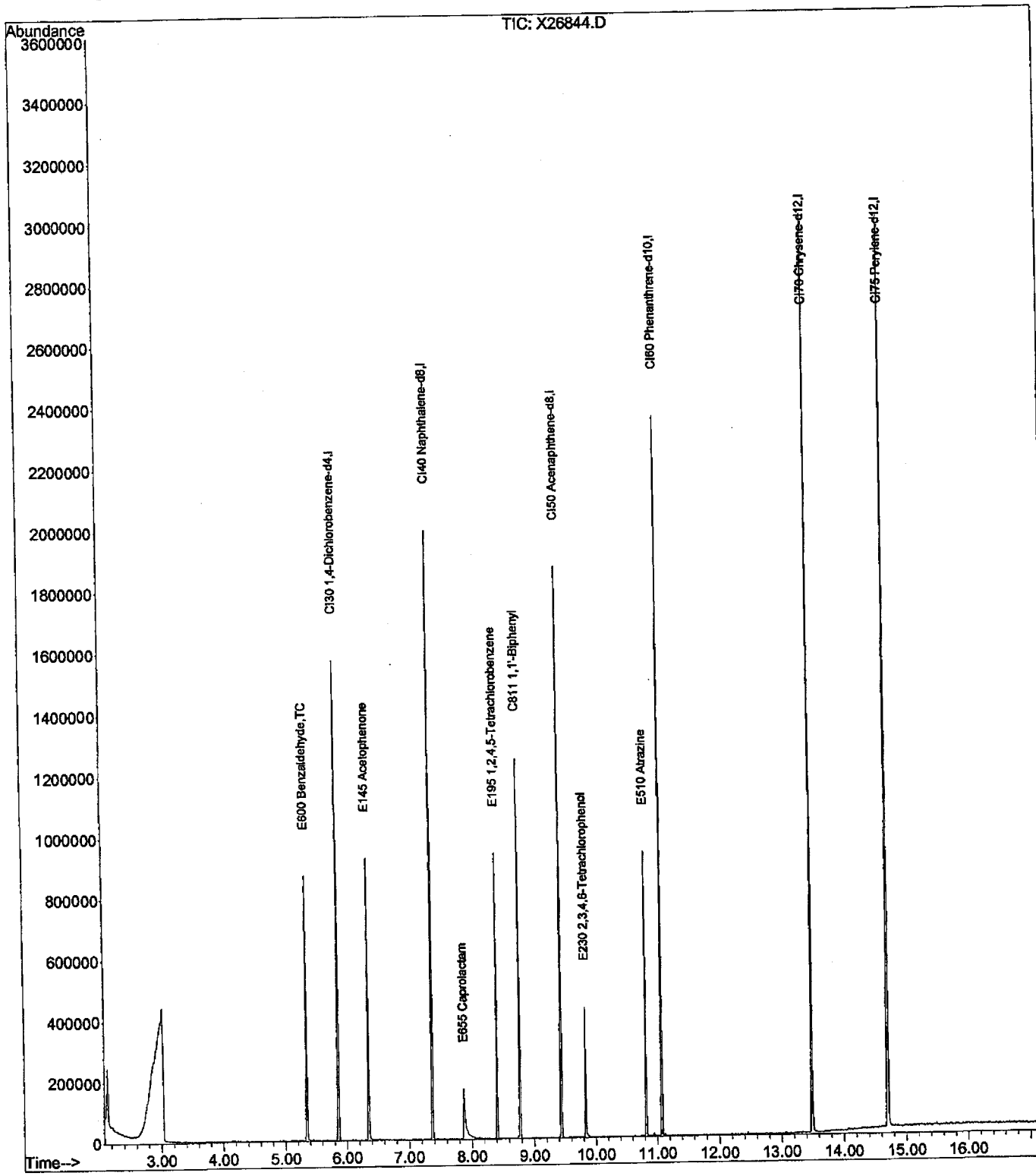
Ion	Exp%	Act%
232.00	100	100
230.00	0.00	87.35#
131.00	0.00	63.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26844.D
Acq On : 30 Sep 2008 12:16
Sample : SSTD020
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:29:31 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26844.D
Acq On : 30 Sep 2008 12:16
Sample : SSTD020
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:29:31 2008

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	217104	40.00	ng		0.00 93.30%
4) CI40 Naphthalene-d8	7.37	136	780498	40.00	ng		0.00 92.73%
7) CI50 Acenaphthene-d8	9.44	164	418651	40.00	ng		0.00 92.52%
10) CI60 Phenanthrene-d10	11.07	188	763820	40.00	ng		0.00 93.04%
12) CI70 Chrysene-d12	13.48	240	907381	40.00	ng		0.00 92.49%
13) CI75 Perylene-d12	14.70	264	1090557	40.00	ng		0.00 89.73%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.35	77	193839	21.67	ng		95
3) E145 Acetophenone	6.34	105	261224	20.86	ng		87
5) E655 Caprolactam	7.88	113	39095	19.88	ng	#	71
6) E195 1,2,4,5-Tetrachlorobe	8.41	216	138402	21.35	ng		99
8) C811 1,1'-Biphenyl	8.77	154	346637	21.16	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.83	232	51962	21.41	ng	#	100
11) E510 Atrazine	10.82	200	85155	19.35	ng		87

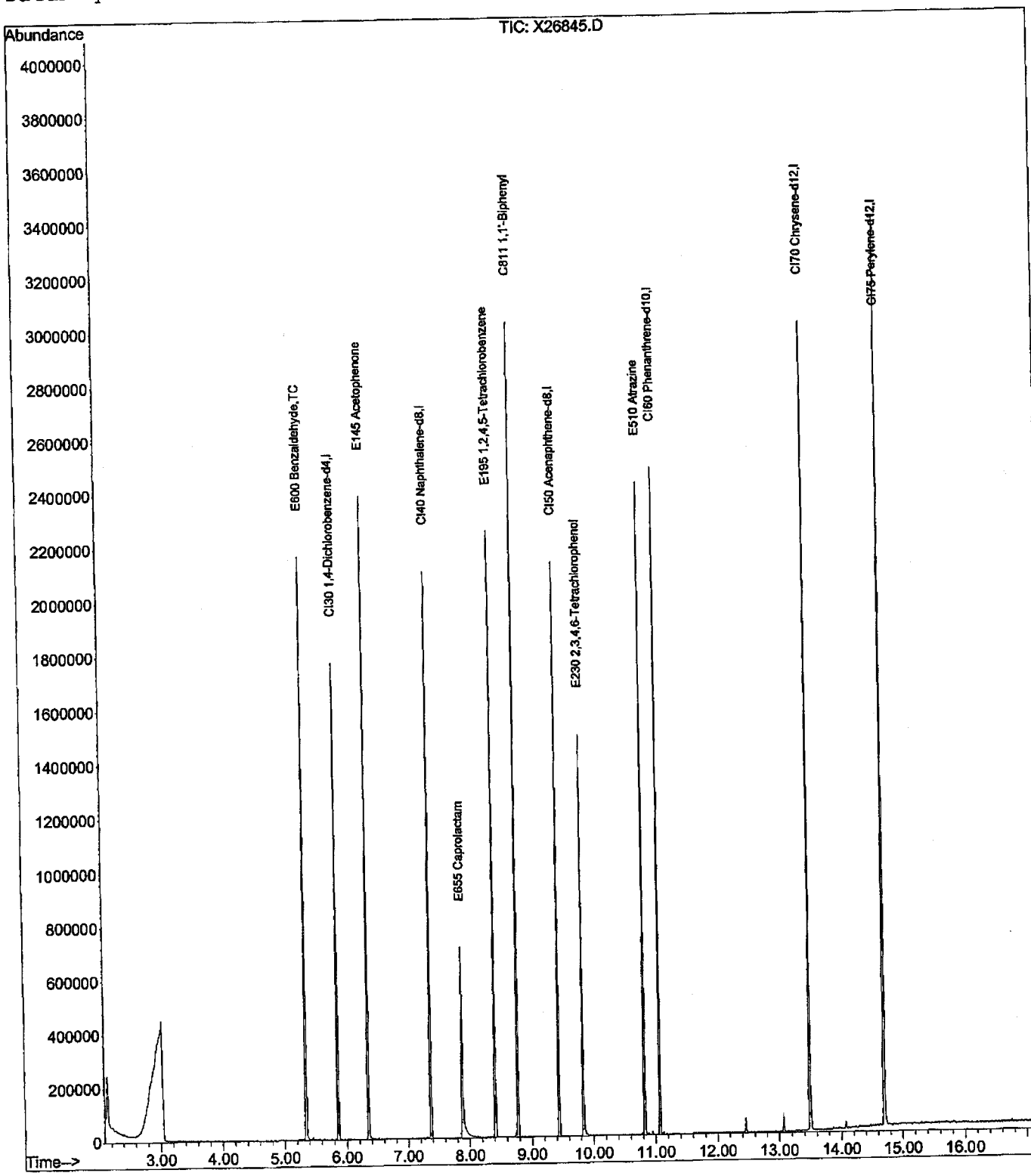
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26845.D
Acq On : 30 Sep 2008 12:39
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:29:38 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26845.D
Acq On : 30 Sep 2008 12:39
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:29:38 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	232701	40.00	ng		0.00 100.00%
4) CI40 Naphthalene-d8	7.37	136	841726	40.00	ng		0.00 100.00%
7) CI50 Acenaphthene-d8	9.44	164	452500	40.00	ng		0.00 100.00%
10) CI60 Phenanthrene-d10	11.07	188	820918	40.00	ng		0.00 100.00%
12) CI70 Chrysene-d12	13.49	240	981012	40.00	ng		0.00 100.00%
13) CI75 Perylene-d12	14.70	264	1215342	40.00	ng		0.00 100.00%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.35	77	484225	50.51	ng		94
3) E145 Acetophenone	6.34	105	682383	50.83	ng		93
5) E655 Caprolactam	7.88	113	120712	56.92	ng	#	61
6) E195 1,2,4,5-Tetrachlorobe	8.41	216	343800	49.19	ng		97
8) C811 1,1'-Biphenyl	8.78	154	889843	50.24	ng		95
9) E230 2,3,4,6-Tetrachloroph	9.83	232	151605	57.79	ng	#	100
11) E510 Atrazine	10.82	200	242164	51.20	ng		82

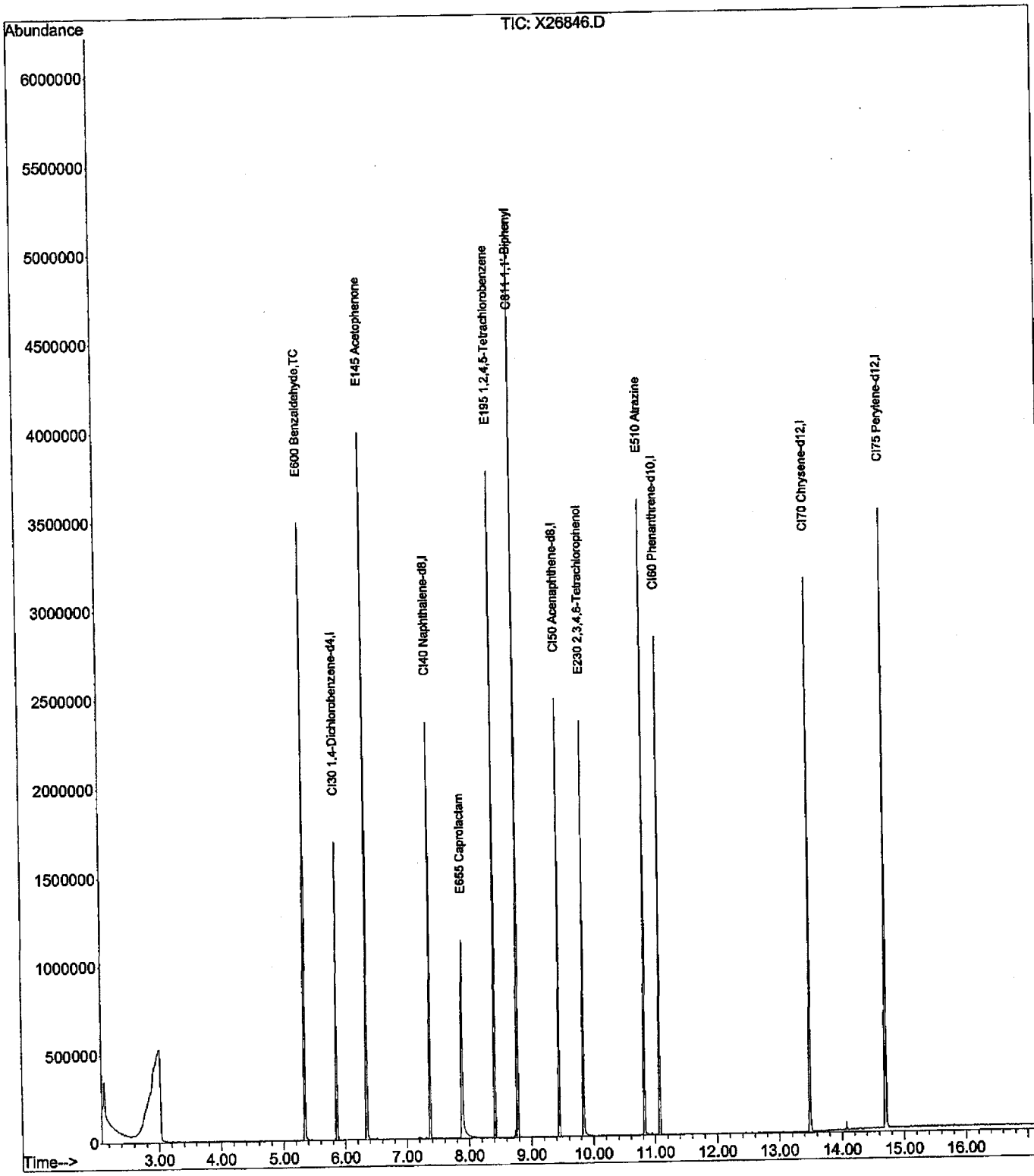
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26846.D
Acq On : 30 Sep 2008 13:02
Sample : SSTD080
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:29:43 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26846.D
Acq On : 30 Sep 2008 13:02
Sample : SSTD080
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:29:43 2008

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	238847	40.00	ng		0.00 102.64%
4) CI40 Naphthalene-d8	7.37	136	877406	40.00	ng		0.00 104.24%
7) CI50 Acenaphthene-d8	9.44	164	485742	40.00	ng		0.00 107.35%
10) CI60 Phenanthrene-d10	11.07	188	880343	40.00	ng		0.00 107.24%
12) CI70 Chrysene-d12	13.49	240	1021682	40.00	ng		0.00 104.15%
13) CI75 Perylene-d12	14.70	264	1237218	40.00	ng		0.00 101.80%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.35	77	771733	78.42	ng		94
3) E145 Acetophenone	6.35	105	1095080	79.47	ng		94
5) E655 Caprolactam	7.89	113	211701	95.77	ng	#	69
6) E195 1,2,4,5-Tetrachlorobe	8.41	216	578233	79.36	ng		99
8) C811 1,1'-Biphenyl	8.78	154	1478084	77.75	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.84	232	267120	94.85	ng	#	100
11) E510 Atrazine	10.83	200	408282	80.50	ng		85

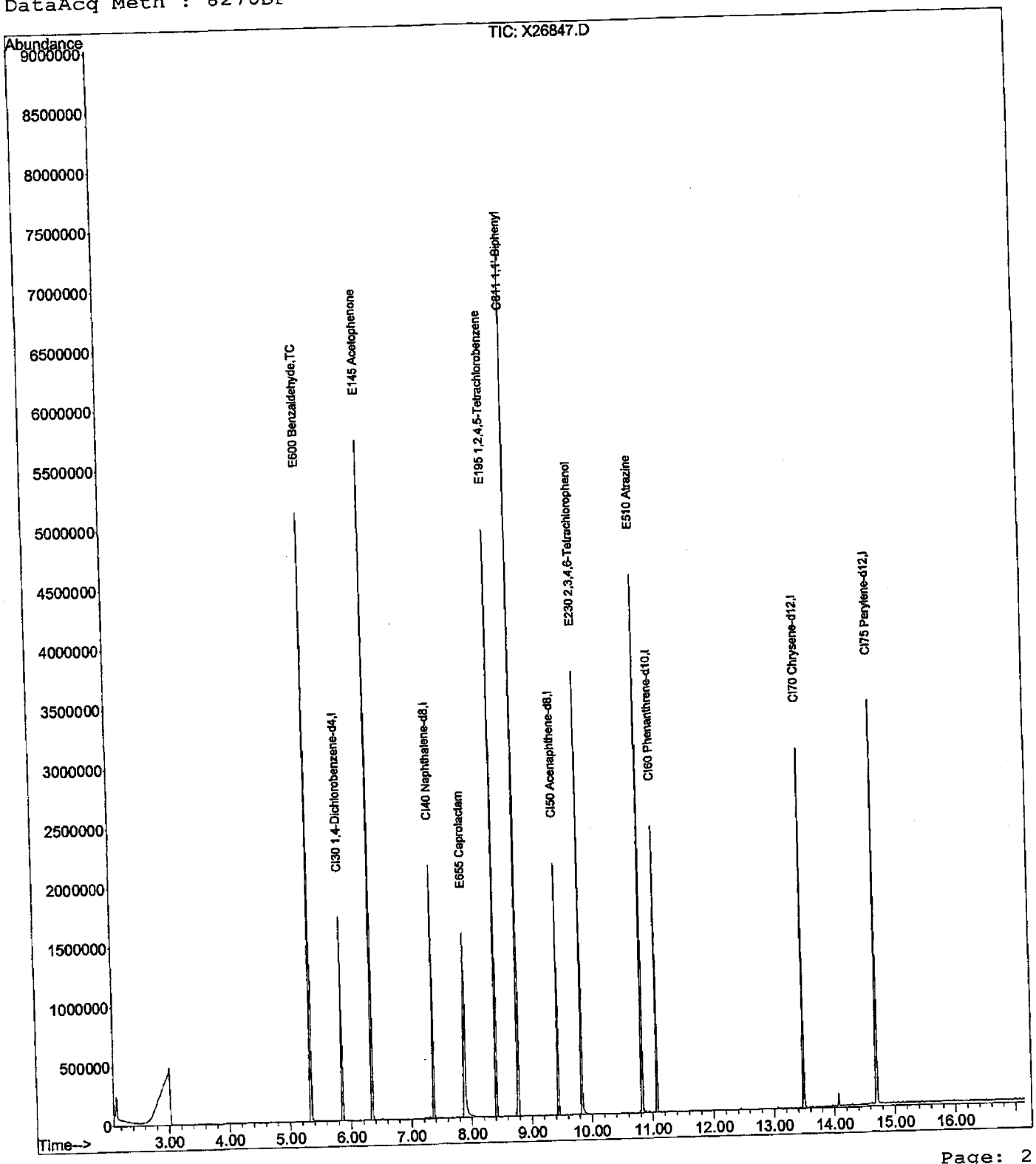
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26847.D
Acq On : 30 Sep 2008 13:25
Sample : SSTD120
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:29:50 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26847.D
Acq On : 30 Sep 2008 13:25
Sample : SSTD120
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:29:50 2008

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	230143	40.00	ng		0.00 98.90%
4) CI40 Naphthalene-d8	7.37	136	841413	40.00	ng		0.00 99.96%
7) CI50 Acenaphthene-d8	9.44	164	462866	40.00	ng		0.00 102.29%
10) CI60 Phenanthrene-d10	11.07	188	851151	40.00	ng		0.00 103.68%
12) CI70 Chrysene-d12	13.49	240	972447	40.00	ng		0.00 99.13%
13) CI75 Perylene-d12	14.70	264	1223933	40.00	ng		0.00 100.71%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.35	77	1146717	120.94	ng		96
3) E145 Acetophenone	6.35	105	1637164	123.31	ng		95
5) E655 Caprolactam	7.90	113	318013	150.02	ng	#	59
6) E195 1,2,4,5-Tetrachlorobe	8.41	216	840393	120.28	ng		98
8) C811 1,1'-Biphenyl	8.78	154	2190720	120.93	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.84	232	412148	153.58	ng	#	100
11) E510 Atrazine	10.83	200	625122	127.49	ng		84

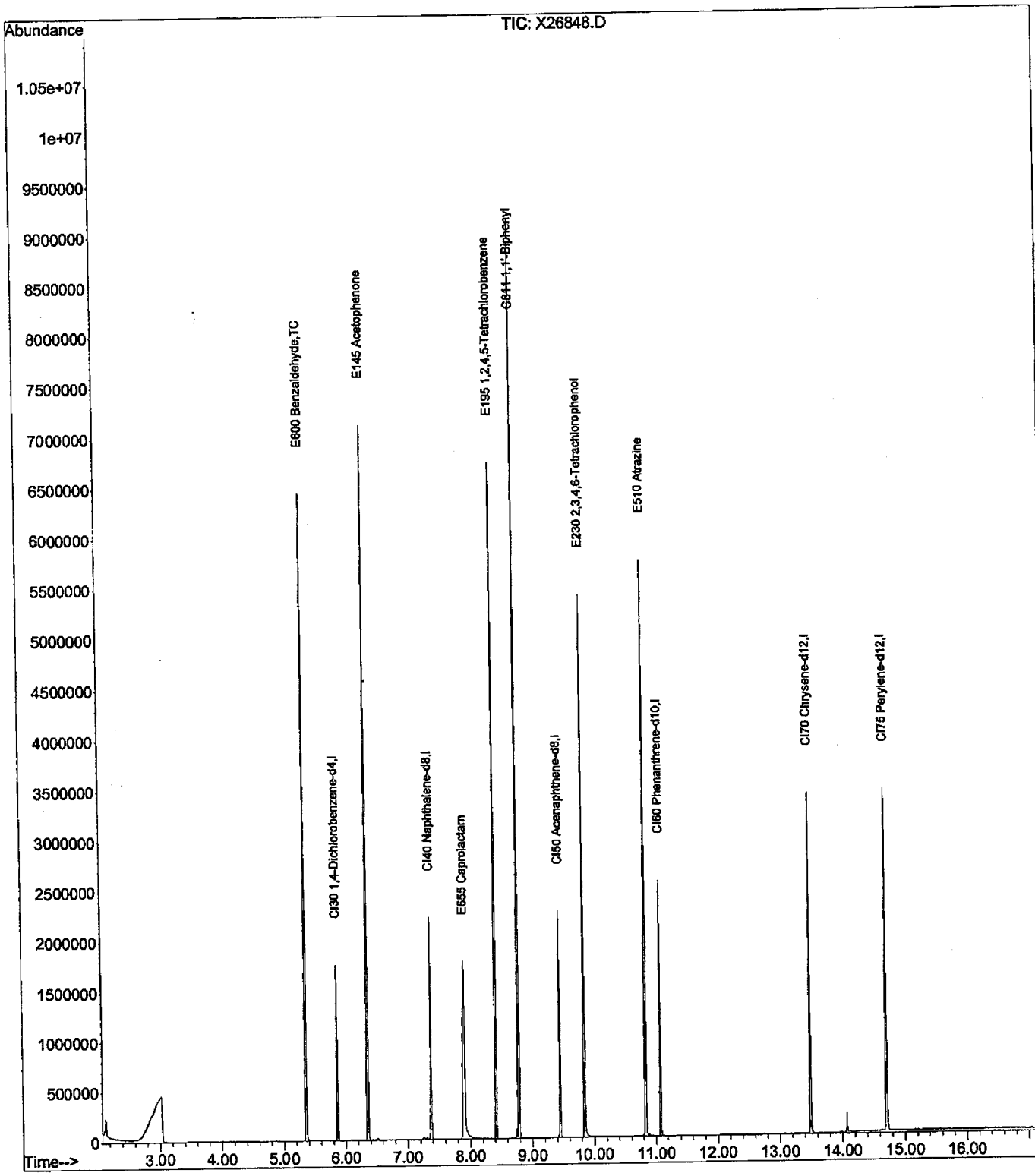
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26848.D
Acq On : 30 Sep 2008 13:47
Sample : SSTD160
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 13
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:29:55 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26848.D
Acq On : 30 Sep 2008 13:47
Sample : SSTD160
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:29:55 2008

Vial: 13
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:29:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	241377	40.00	ng		0.00 103.73%
4) CI40 Naphthalene-d8	7.38	136	870562	40.00	ng		0.00 103.43%
7) CI50 Acenaphthene-d8	9.45	164	476030	40.00	ng		0.00 105.20%
10) CI60 Phenanthrene-d10	11.08	188	876023	40.00	ng		0.01 106.71%
12) CI70 Chrysene-d12	13.49	240	1013444	40.00	ng		0.00 103.31%
13) CI75 Perylene-d12	14.70	264	1262224	40.00	ng		0.00 103.86%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	1530742	153.92	ng		94
3) E145 Acetophenone	6.36	105	2161358	155.21	ng		97
5) E655 Caprolactam	7.92	113	428477	195.36	ng	#	66
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	1115035	154.24	ng		99
8) C811 1,1'-Biphenyl	8.79	154	2921624	156.81	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.85	232	562169	203.69	ng	#	100
11) E510 Atrazine	10.84	200	835154	165.48	ng		85

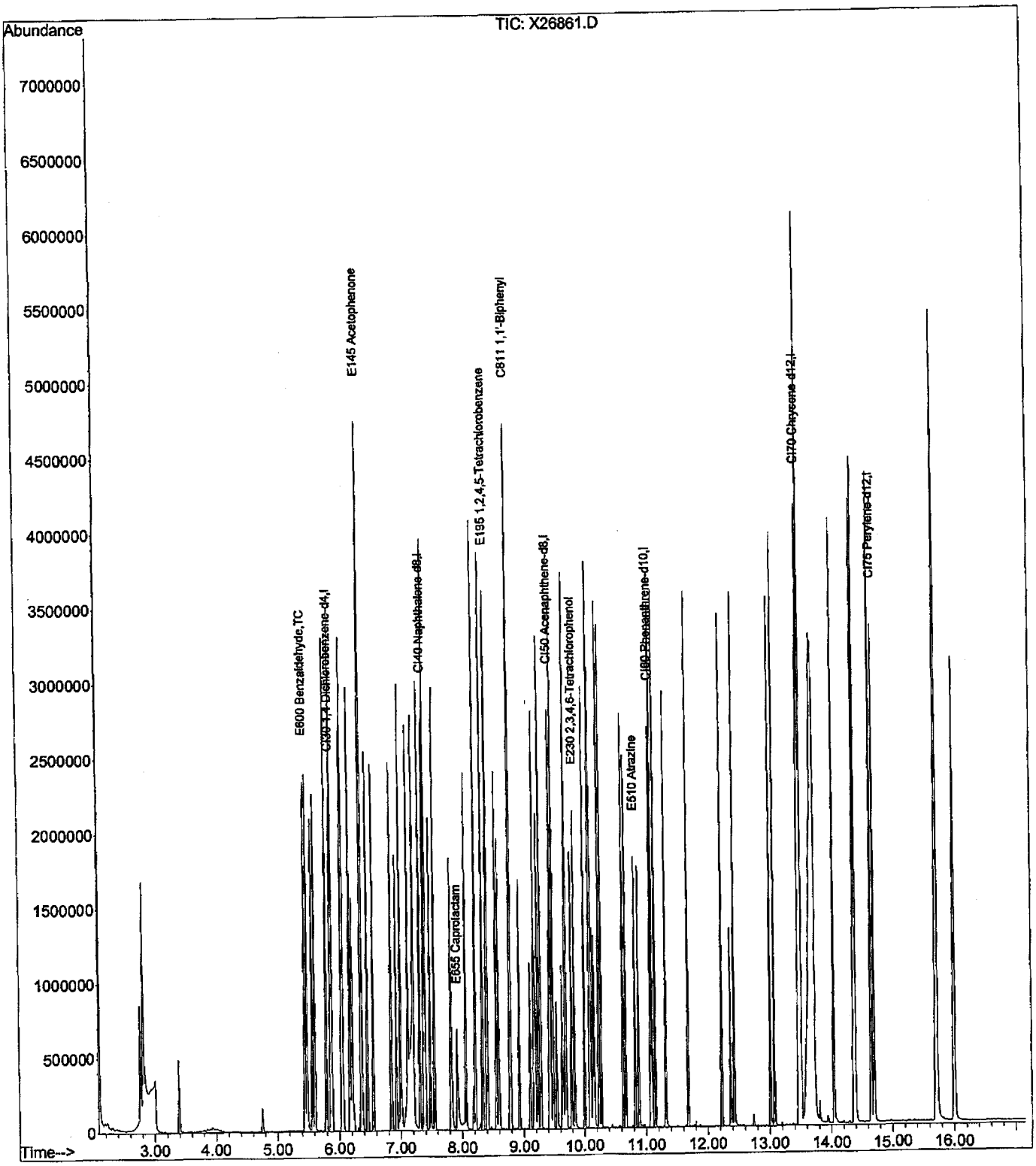
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26861.D
Acq On : 30 Sep 2008 18:44
Sample : CHECK050
Misc : 2NDSC(9-8-08)
MS Integration Params: rteint.p

Vial: 26
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 20:37:03 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:35:52 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26861.D
Acq On : 30 Sep 2008 18:44
Sample : CHECK050
Misc : 2NDSC(9-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 20:37:03 2008

Vial: 26
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:35:52 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	330060	40.00	ng	0.01 141.84%
4) CI40 Naphthalene-d8	7.38	136	1184891	40.00	ng	0.00 140.77%
7) CI50 Acenaphthene-d8	9.44	164	580929	40.00	ng	0.00 128.38%
10) CI60 Phenanthrene-d10	11.07	188	863748	40.00	ng	0.00 105.22%
12) CI70 Chrysene-d12	13.49	240	882339	40.00	ng	0.00 89.94%
13) CI75 Perylene-d12	14.70	264	1187129	40.00	ng	0.00 97.68%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.44	77	8710	0.64	ng	# 6
3) E145 Acetophenone	6.36	105	836384	43.92	ng	88
5) E655 Caprolactam	7.92	113	117684	34.67	ng	# 59
6) E195 1,2,4,5-Tetrachlorobe	8.41	216	468313	47.60	ng	98
8) C811 1,1'-Biphenyl	8.78	154	1119242	49.23	ng	97
9) E230 2,3,4,6-Tetrachloroph	9.84	232	219694	54.12	ng	# 100
11) E510 Atrazine	10.82	200	173570	34.88	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002468-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: U30736.RR Calibration Date: 09/29/2008 Time: 14:24

Intrument ID: HP5973U Init. Calib. Date(s): 09/22/2008 09/22/2008

Init. Calib. Times: 09:15 11:18

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.8000	1.8270	0.0500	-1.500	20.00
Bis(2-chloroethyl) ether	1.4590	1.3940	0.0500	4.400	40.00
2-Chlorophenol	1.4140	1.4376	0.0500	-1.700	40.00
2-Methylphenol	1.1850	1.2266	0.0500	-3.500	40.00
2,2'-Oxybis(1-Chloropropane)	1.9030	1.9565	0.0500	-2.800	40.00
4-Methylphenol	1.2220	1.3117	0.0500	-7.300	40.00
N-Nitroso-Di-n-propylamine	1.0390	1.0885	0.0500	-4.800	40.00
Hexachloroethane	0.6440	0.5957	0.0500	7.500	40.00
Nitrobenzene	0.4570	0.4444	0.0500	2.800	40.00
Isophorone	0.7380	0.7487	0.0500	-1.400	40.00
2-Nitrophenol	0.1810	0.1932	0.0500	-6.700	20.00
2,4-Dimethylphenol	0.4040	0.3850	0.0500	4.700	40.00
Bis(2-chloroethoxy) methane	0.4190	0.4196	0.0500	-0.100	40.00
2,4-Dichlorophenol	0.2890	0.2993	0.0500	-3.600	20.00
Naphthalene	1.0510	1.0476	0.0500	0.300	40.00
4-Chloroaniline	0.4040	0.4321	0.0500	-7.000	40.00
Hexachlorobutadiene	0.2110	0.1907	0.0500	9.600	20.00
4-Chloro-3-methylphenol	0.3170	0.3256	0.0500	-2.700	20.00
2-Methylnaphthalene	0.6620	0.6838	0.0500	-3.300	40.00
Hexachlorocyclopentadiene	0.3940	0.3632	0.0500	7.800	40.00
2,4,6-Trichlorophenol	0.3980	0.3912	0.0500	1.700	20.00
2,4,5-Trichlorophenol	0.4190	0.4226	0.0500	-0.900	40.00
2-Chloronaphthalene	1.2460	1.2076	0.0500	3.100	40.00
2-Nitroaniline	0.4510	0.4374	0.0500	3.000	40.00
Dimethyl phthalate	1.4790	1.4478	0.0500	2.100	40.00
Acenaphthylene	1.9800	2.0147	0.0500	-1.800	40.00
2,6-Dinitrotoluene	0.2960	0.3136	0.0500	-5.900	40.00
3-Nitroaniline	0.3240	0.3499	0.0500	-8.000	40.00
Acenaphthene	1.2720	1.2322	0.0500	3.100	20.00
2,4-Dinitrophenol	0.1680	0.1878	0.0500	-11.800	40.00
4-Nitrophenol	0.3180	0.2975	0.0500	6.400	40.00
Dibenzofuran	1.7540	1.7493	0.0500	0.300	40.00
2,4-Dinitrotoluene	0.4220	0.4505	0.0500	-6.800	40.00
Diethyl phthalate	1.5630	1.4995	0.0500	4.100	40.00
4-Chlorophenyl phenyl ether	0.7290	0.7214	0.0500	1.000	40.00
Fluorene	1.4230	1.4145	0.0500	0.600	40.00
4-Nitroaniline	0.3400	0.3826	0.0500	-12.500	40.00
4,6-Dinitro-2-methylphenol	0.1190	0.1302	0.0500	-9.400	40.00
N-nitrosodiphenylamine	0.4810	0.5015	0.0500	-4.300	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002468-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: U30736.RR Calibration Date: 09/29/2008 Time: 14:24

Intrument ID: HP5973U Init. Calib. Date(s): 09/22/2008 09/22/2008

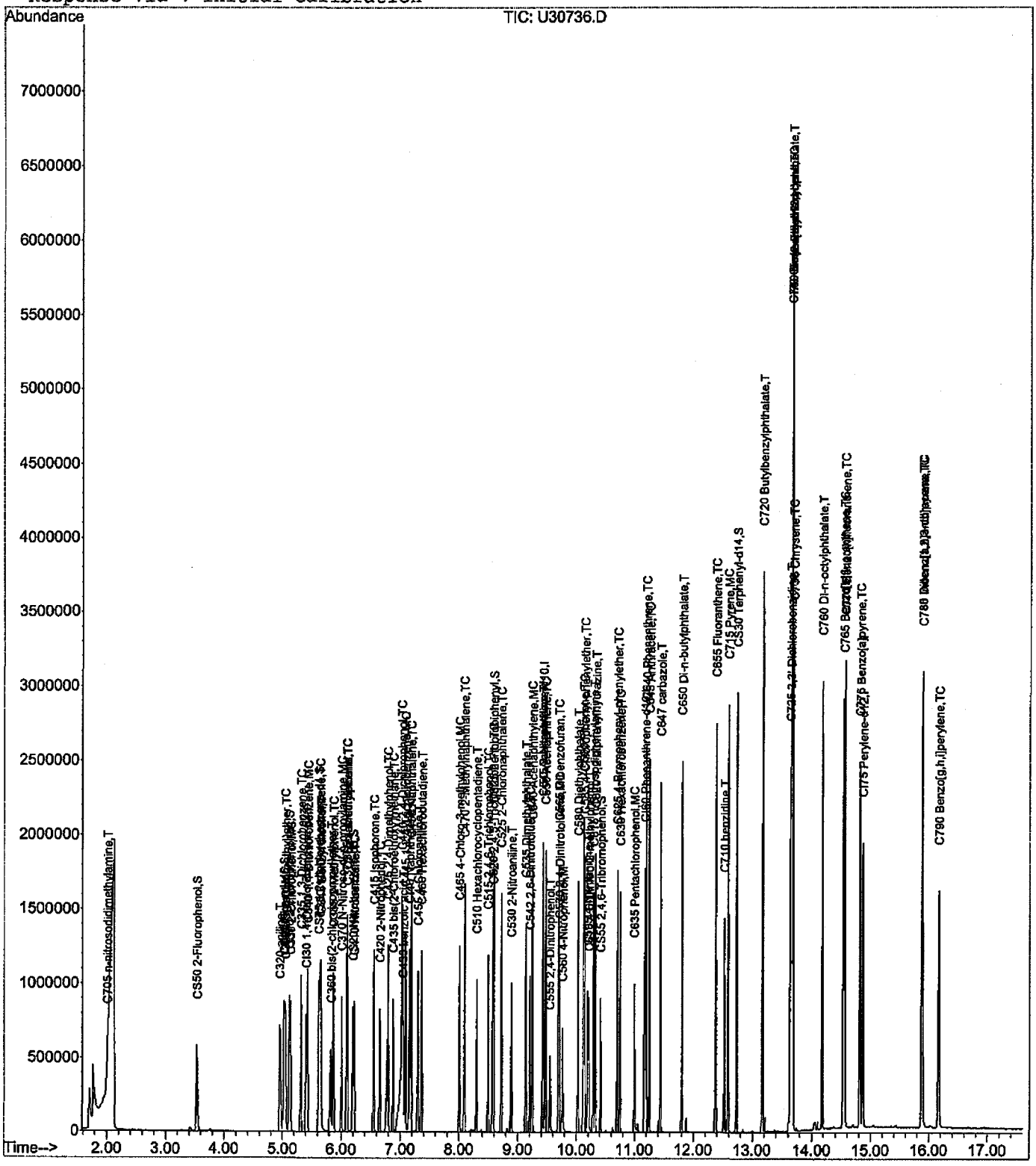
Init. Calib. Times: 09:15 11:18

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2060	0.1993	0.0500	3.200	40.00
Hexachlorobenzene	0.2140	0.2053	0.0500	4.100	40.00
Pentachlorophenol	0.0960	0.1056	0.0500	-10.000	20.00
Phenanthrene	1.0900	1.0828	0.0500	0.700	40.00
Anthracene	1.0980	1.1064	0.0500	-0.800	40.00
Di-n-butyl phthalate	1.2520	1.2210	0.0500	2.500	40.00
Fluoranthene	1.2330	1.2010	0.0500	2.600	20.00
Pyrene	1.0460	1.1657	0.0500	-11.400	40.00
Butyl benzyl phthalate	0.5170	0.5661	0.0500	-9.500	40.00
3,3'-Dichlorobenzidine	0.3670	0.4386	0.0500	-19.500	40.00
Benzo(a)anthracene	1.0350	1.0951	0.0500	-5.800	40.00
Chrysene	1.0760	1.1484	0.0500	-6.700	40.00
Bis(2-ethylhexyl) phthalate	0.8010	0.8020	0.0500	-0.100	40.00
Di-n-octyl phthalate	1.2870	1.4033	0.0500	-9.000	20.00
Benzo(b)fluoranthene	1.2060	1.2170	0.0500	-0.900	40.00
Benzo(k)fluoranthene	1.2150	1.1783	0.0500	3.000	40.00
Benzo(a)pyrene	1.0510	1.0692	0.0500	-1.700	20.00
Indeno(1,2,3-cd)pyrene	1.1530	1.1125	0.0500	3.500	40.00
Dibenzo(a,h)anthracene	1.0180	0.9819	0.0500	3.500	40.00
Benzo(ghi)perylene	0.9370	0.9495	0.0500	-1.300	40.00
Carbazole	0.9690	1.0099	0.0500	-4.200	100.00
Nitrobenzene-D5	0.4390	0.4179	0.0500	4.800	40.00
2-Fluorobiphenyl	1.4720	1.4213	0.0500	3.400	40.00
p-Terphenyl-d14	0.8380	0.8787	0.0500	-4.800	40.00
Phenol-D5	1.6800	1.7719	0.0500	-5.500	40.00
2-Fluorophenol	1.4050	1.4357	0.0500	-2.200	40.00
2,4,6-Tribromophenol	0.0980	0.0921	0.0500	6.000	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092908\U30736.D Vial: 2
Acq On : 29 Sep 2008 14:24 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 A (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 14:41 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 08:07:44 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092908\U30736.D Vial: 2
Acq On : 29 Sep 2008 14:24 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 A (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 14:41:54 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 08:07:44 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092308\U30618.D (23 Sep 2008 7:49)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.40	152	144044	40.00	ng	-0.04 131.53%
20) CI40 Naphthalene-d8	7.15	136	555221	40.00	ng	-0.04 138.05%
35) CI50 Acenaphthene-d10	9.43	164	294453	40.00	ng	-0.04 146.82%
56) CI60 Phenanthrene-d10	11.17	188	633269	40.00	ng	-0.03 151.70%
68) CI70 Chrysene-d12	13.66	240	696924	40.00	ng	-0.03 140.37%
78) CI75 Perylene-d12	14.86	264	741720	40.00	ng	-0.04 150.61%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.53	112	258510	51.08	ng	-0.08
Spiked Amount 150.000	Range 21 - 110		Recovery = 34.05%			
5) CS45 Phenol-d5	5.01	99	319047	52.74	ng	-0.06
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.16%			
6) CS70 2-chlorophenol-d4	5.11	132	255767	50.41	ng	-0.05
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.61%			
12) CS75 1,2-dichlorobenzene-d	5.62	152	159516	50.93	ng	-0.04
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.93%			
21) CS20 Nitrobenzene-d5	6.20	82	290047	47.61	ng	-0.04
Spiked Amount 100.000	Range 34 - 114		Recovery = 47.61%			
39) CS25 2-Fluorobiphenyl	8.59	172	523138	48.27	ng	-0.04
Spiked Amount 100.000	Range 43 - 116		Recovery = 48.27%			
59) CS55 2,4,6-Tribromophenol	10.41	330	72918	46.78	ng	-0.04
Spiked Amount 150.000	Range 10 - 123		Recovery = 31.19%			
71) CS30 Terphenyl-d14	12.73	244	765474	52.40	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery = 52.40%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.01	74	1344	1.94	ng	# 3
4) C325 bis(2-Chloroethyl)eth	5.05	93	250988	47.79	ng	92
7) C315 Phenol	5.04	94	328957	50.76	ng	90
8) C330 2-Chlorophenol	5.13	128	258849	50.85	ng	96
9) C320 aniline	4.95	93	398063	52.41	ng	87
10) C335 1,3-Dichlorobenzene	5.31	146	287760	50.35	ng	98
11) C340 1,4-Dichlorobenzene	5.43	146	288626	49.94	ng	98
13) C350 1,2-Dichlorobenzene	5.63	146	272615	50.39	ng	98
14) C345 Benzyl alcohol	5.65	108	175653	54.92	ng	88
15) C360 bis(2-chloroisopropyl	5.83	45	352284	51.41	ng	89
16) C355 2-Methylphenol	5.86	108	220852	51.75	ng	89
17) C375 Hexachloroethane	6.10	117	107254	46.24	ng	99
18) C370 N-Nitroso-di-n-propyl	6.00	70	195984	52.37	ng	93
19) C365 4-Methylphenol	6.09	108	236177	53.69	ng	97
22) C410 Nitrobenzene	6.22	77	308424	48.64	ng	97
23) C415 Isophorone	6.55	82	519625	50.74	ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092908\U30736.D
Acq On : 29 Sep 2008 14:24
Sample : SSTD050
Misc : 8270 A (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 29 14:41:54 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 08:07:44 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
24)	C430 benzoic acid	7.05	122	464698	157.17 ng		97
25)	C420 2-Nitrophenol	6.65	139	134062	50.81 ng		96
26)	C425 2,4-Dimethylphenol	6.79	107	267212	47.64 ng		98
27)	C435 bis(2-Chloroethoxy)me	6.88	93	291222	50.13 ng		100
28)	C440 2,4-Dichlorophenol	7.02	162	207738	51.74 ng		97
29)	C445 1,2,4-Trichlorobenzen	7.08	180	228667	49.83 ng		98
30)	C450 Naphthalene	7.18	128	727061	49.86 ng		97
31)	C455 4-Chloroaniline	7.30	127	299921	53.48 ng		99
32)	C460 Hexachlorobutadiene	7.36	225	132342	45.09 ng		99
33)	C465 4-Chloro-3-methylphen	8.01	107	225972	51.30 ng		99
34)	C470 2-Methylnaphthalene	8.09	142	474589	51.62 ng		92
36)	C510 Hexachlorocyclopentad	8.30	237	133695	42.49 ng		97
37)	C515 2,4,6-Trichlorophenol	8.50	196	143976	49.18 ng		98
38)	C520 2,4,5-Trichlorophenol	8.57	196	155561	50.48 ng		99
40)	C525 2-Chloronaphthalene	8.72	162	444467	48.47 ng		98
41)	C530 2-Nitroaniline	8.89	65	161005	45.60 ng		94
42)	C540 Acenaphthylene	9.25	152	741540	50.87 ng		96
43)	C535 Dimethylphthalate	9.13	163	532900	48.94 ng		99
44)	C542 2,6-Dinitrotoluene	9.20	165	115426	49.48 ng		84
45)	C550 Acenaphthene	9.47	153	453546	48.43 ng		96
46)	C545 3-Nitroaniline	9.42	138	128800	49.88 ng		99
47)	C555 2,4-Dinitrophenol	9.55	184	69106	49.59 ng		84
48)	C565 Dibenzofuran	9.69	168	643853	49.85 ng		92
49)	C570 2,4-Dinitrotoluene	9.71	165	165818	49.78 ng	#	1
50)	C560 4-Nitrophenol	9.76	109	109513	44.47 ng	#	71
51)	C590 Fluorene	10.12	166	520614	49.69 ng		99
52)	C585 4-Chlorophenyl-phenyl	10.13	204	265517	49.47 ng		87
53)	C580 Diethylphthalate	10.03	149	551922	47.96 ng		98
54)	C620 1,2 diphenylhydrazine	10.32	77	661478	48.05 ng		97
55)	C595 4-Nitroaniline	10.19	138	140836	52.64 ng	#	84
57)	C610 4,6-Dinitro-2-methylp	10.21	198	103073	51.20 ng		100
58)	C615 n-Nitrosodiphenylamin	10.29	169	397015	52.17 ng		97
60)	C625 4-Bromophenyl-phenyle	10.70	248	157798	48.32 ng		92
61)	C630 Hexachlorobenzene	10.75	284	162545	48.08 ng		88
62)	C635 Pentachlorophenol	10.99	266	83552	49.77 ng		92
63)	C640 Phenanthrene	11.20	178	857137	49.67 ng		96
64)	C645 Anthracene	11.25	178	875800	50.40 ng		97
65)	C647 carbazole	11.44	167	799429	52.13 ng		96
66)	C650 Di-n-butylphthalate	11.80	149	966499	48.75 ng		97
67)	C655 Fluoranthene	12.38	202	950686	48.71 ng		98
69)	C715 Pyrene	12.58	202	1015524	55.71 ng		94
70)	C710 benzidine	12.52	184	457467	53.16 ng		100
72)	C720 Butylbenzylphthalate	13.17	149	493119	52.35 ng		99
73)	C725 3,3'-Dichlorobenzidin	13.63	252	382118	59.72 ng		100
74)	C730 Benzo[a]anthracene	13.65	228	954033	52.90 ng		97
75)	C735 Chrysene	13.68	228	1000428	53.35 ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.65	149	698652	47.40 ng		93
77)	C760 Di-n-octylphthalate	14.17	149	1222531	51.06 ng		99
79)	C765 Benzo[b]fluoranthene	14.53	252	1128345	50.45 ng		96
80)	C770 Benzo[k]fluoranthene	14.55	252	1092449	48.51 ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092908\U30736.D Vial: 2
Acq On : 29 Sep 2008 14:24 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 A (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 14:41:54 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 23 08:07:44 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.81	252	991350	50.86	ng	96
82)	C780 Indeno[1,2,3-cd]pyren	15.88	276	1031461	48.25	ng	90
83)	C785 Dibenz[a,h]anthracene	15.89	278	910334	48.22	ng	94
84)	C790 Benzo[g,h,i]perylene	16.17	276	880321	50.64	ng	92

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002468-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: U30737.RR Calibration Date: 09/29/2008 Time: 14:47

Intrument ID: HP5973U Init. Calib. Date(s): 08/11/2008 08/11/2008

Init. Calib. Times: 08:57 10:53

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0990	0.1087	0.0500	-9.800	40.00
Atrazine	0.1780	0.1858	0.0500	-4.400	40.00
Acetophenone	2.0640	1.8745	0.0500	9.200	40.00
Biphenyl	1.6710	1.6206	0.0500	3.000	40.00
Benzaldehyde	1.4520	1.3682	0.0500	5.800	40.00

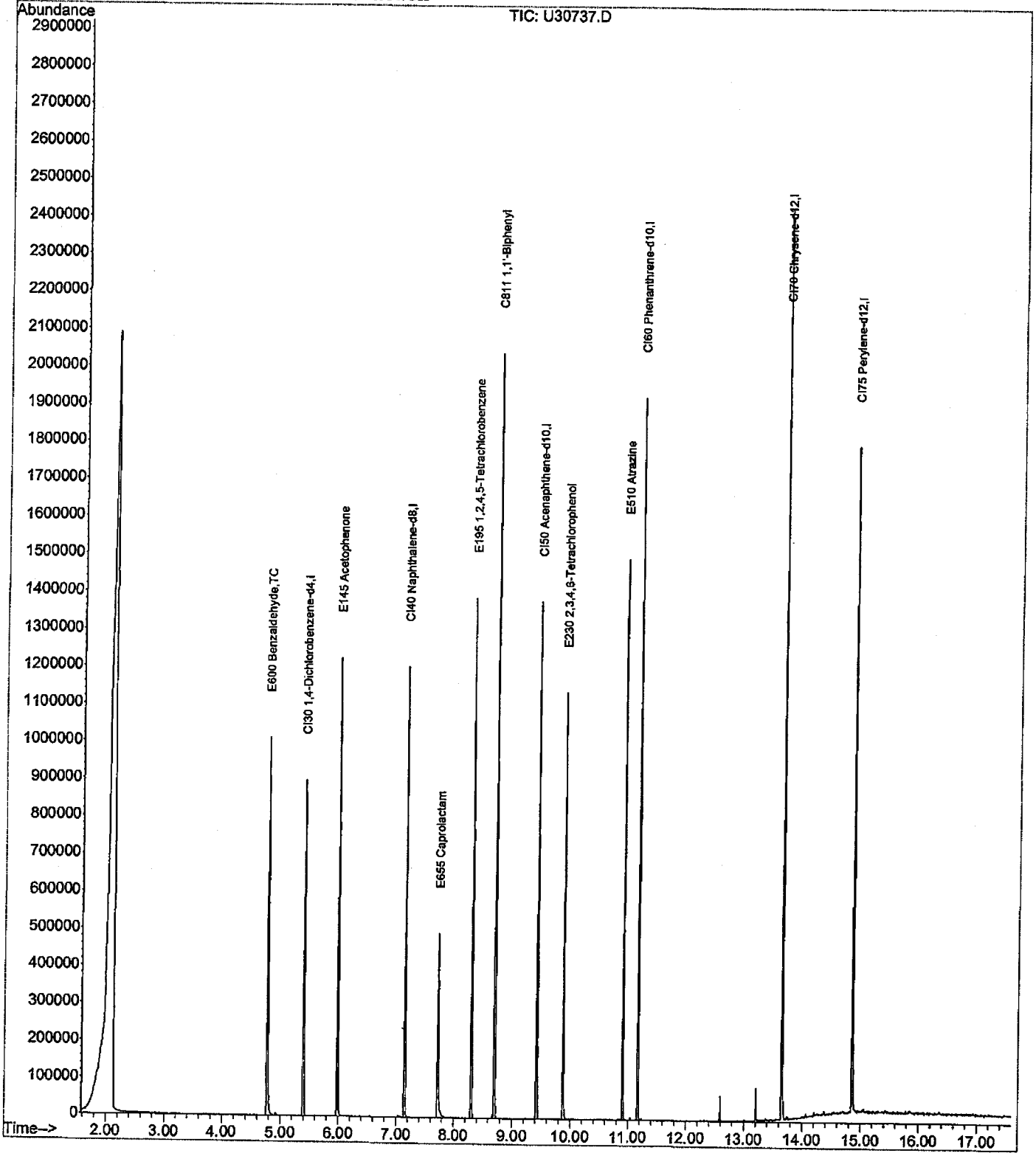
Quantitation Report (Not Reviewed)

Data File : D:\DATA\092908\U30737.D
Acq On : 29 Sep 2008 14:47
Sample : SSTD050
Misc : TCLADDS A (08/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 29 15:05 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\092908\U30737.D
Acq On : 29 Sep 2008 14:47
Sample : SSTD050
Misc : TCLADDS A (08/08/08)
MS Integration Params: rteint.p
Quant Time: Sep 29 15:05:49 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.40	152	155802	40.00 ng	-0.45
4) CI40 Naphthalene-d8	7.15	136	559933	40.00 ng	106.26% -0.37
7) CI50 Acenaphthene-d10	9.43	164	304862	40.00 ng	99.43% -0.36
10) CI60 Phenanthrene-d10	11.17	188	656121	40.00 ng	99.48% -0.33
12) CI70 Chrysene-d12	13.65	240	706312	40.00 ng	100.77% -0.34
13) CI75 Perylene-d12	14.85	264	582886	40.00 ng	106.45% -0.45
					109.50%
Target Compounds					Qvalue
2) E600 Benzaldehyde	4.77	77	266460	47.10 ng	94
3) E145 Acetophenone	5.99	105	365060	45.41 ng	81
5) E655 Caprolactam	7.73	113	76085	48.34 ng	# 69
6) E195 1,2,4,5-Tetrachlorobe	8.31	216	216293	49.01 ng	81
8) C811 1,1'-Biphenyl	8.71	154	617588	48.50 ng	97
9) E230 2,3,4,6-Tetrachloroph	9.88	232	118650	49.56 ng	91
11) E510 Atrazine	10.91	200	152349	52.27 ng	82

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002490-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: U30782.RR Calibration Date: 09/30/2008 Time: 10:32

Intrument ID: HP5973U Init. Calib. Date(s): 09/22/2008 09/22/2008

Init. Calib. Times: 09:15 11:18

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.8000	1.8711	0.0500	-4.000	20.00
Bis(2-chloroethyl) ether	1.4590	1.4287	0.0500	2.100	40.00
2-Chlorophenol	1.4140	1.4403	0.0500	-1.800	40.00
2-Methylphenol	1.1850	1.2500	0.0500	-5.500	40.00
2,2'-Oxybis(1-Chloropropane)	1.9030	2.0488	0.0500	-7.700	40.00
4-Methylphenol	1.2220	1.3283	0.0500	-8.700	40.00
N-Nitroso-Di-n-propylamine	1.0390	1.0999	0.0500	-5.900	40.00
Hexachloroethane	0.6440	0.5865	0.0500	8.900	40.00
Nitrobenzene	0.4570	0.4372	0.0500	4.300	40.00
Isophorone	0.7380	0.7612	0.0500	-3.100	40.00
2-Nitrophenol	0.1810	0.1887	0.0500	-4.200	20.00
2,4-Dimethylphenol	0.4040	0.3764	0.0500	6.800	40.00
Bis(2-chloroethoxy) methane	0.4190	0.4223	0.0500	-0.800	40.00
2,4-Dichlorophenol	0.2890	0.2899	0.0500	-0.300	20.00
Naphthalene	1.0510	1.0498	0.0500	0.100	40.00
4-Chloroaniline	0.4040	0.4366	0.0500	-8.100	40.00
Hexachlorobutadiene	0.2110	0.1844	0.0500	12.600	20.00
4-Chloro-3-methylphenol	0.3170	0.3221	0.0500	-1.600	20.00
2-Methylnaphthalene	0.6620	0.6777	0.0500	-2.400	40.00
Hexachlorocyclopentadiene	0.3940	0.3549	0.0500	9.900	40.00
2,4,6-Trichlorophenol	0.3980	0.3865	0.0500	2.900	20.00
2,4,5-Trichlorophenol	0.4190	0.4183	0.0500	0.200	40.00
2-Chloronaphthalene	1.2460	1.2018	0.0500	3.500	40.00
2-Nitroaniline	0.4510	0.4497	0.0500	0.300	40.00
Dimethyl phthalate	1.4790	1.4543	0.0500	1.700	40.00
Acenaphthylene	1.9800	2.0049	0.0500	-1.200	40.00
2,6-Dinitrotoluene	0.2960	0.3259	0.0500	-10.100	40.00
3-Nitroaniline	0.3240	0.3704	0.0500	-14.300	40.00
Acenaphthene	1.2720	1.2203	0.0500	4.100	20.00
2,4-Dinitrophenol	0.1680	0.1958	0.0500	-16.500	40.00
4-Nitrophenol	0.3180	0.2780	0.0500	12.600	40.00
Dibenzofuran	1.7540	1.7452	0.0500	0.500	40.00
2,4-Dinitrotoluene	0.4220	0.4649	0.0500	-10.200	40.00
Diethyl phthalate	1.5630	1.4974	0.0500	4.200	40.00
4-Chlorophenyl phenyl ether	0.7290	0.7113	0.0500	2.400	40.00
Fluorene	1.4230	1.4148	0.0500	0.600	40.00
4-Nitroaniline	0.3400	0.3957	0.0500	-16.400	40.00
4,6-Dinitro-2-methylphenol	0.1190	0.1320	0.0500	-10.900	40.00
N-nitrosodiphenylamine	0.4810	0.4985	0.0500	-3.600	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002490-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: U30782.RR Calibration Date: 09/30/2008 Time: 10:32

Intrument ID: HP5973U Init. Calib. Date(s): 09/22/2008 09/22/2008

Init. Calib. Times: 09:15 11:18

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2060	0.1976	0.0500	4.100	40.00
Hexachlorobenzene	0.2140	0.2037	0.0500	4.800	40.00
Pentachlorophenol	0.0960	0.1132	0.0500	-17.900	20.00
Phenanthrene	1.0900	1.0825	0.0500	0.700	40.00
Anthracene	1.0980	1.1158	0.0500	-1.600	40.00
Di-n-butyl phthalate	1.2520	1.2612	0.0500	-0.700	40.00
Fluoranthene	1.2330	1.1919	0.0500	3.300	20.00
Pyrene	1.0460	1.1497	0.0500	-9.900	40.00
Butyl benzyl phthalate	0.5170	0.5610	0.0500	-8.500	40.00
3,3'-Dichlorobenzidine	0.3670	0.4648	0.0500	-26.600	40.00
Benzo(a)anthracene	1.0350	1.0825	0.0500	-4.600	40.00
Chrysene	1.0760	1.1592	0.0500	-7.700	40.00
Bis(2-ethylhexyl) phthalate	0.8010	0.8101	0.0500	-1.100	40.00
Di-n-octyl phthalate	1.2870	1.4701	0.0500	-14.200	20.00
Benzo(b)fluoranthene	1.2060	1.1648	0.0500	3.400	40.00
Benzo(k)fluoranthene	1.2150	1.1698	0.0500	3.700	40.00
Benzo(a)pyrene	1.0510	1.0745	0.0500	-2.200	20.00
Indeno(1,2,3-cd)pyrene	1.1530	1.1116	0.0500	3.600	40.00
Dibenzo(a,h)anthracene	1.0180	0.9684	0.0500	4.900	40.00
Benzo(ghi)perylene	0.9370	0.9335	0.0500	0.400	40.00
Carbazole	0.9690	1.0196	0.0500	-5.200	100.00
==========	==========	==========	==========	==========	==========
Nitrobenzene-D5	0.4390	0.4152	0.0500	5.400	40.00
2-Fluorobiphenyl	1.4720	1.4133	0.0500	4.000	40.00
p-Terphenyl-d14	0.8380	0.8627	0.0500	-2.900	40.00
Phenol-D5	1.6800	1.7544	0.0500	-4.400	40.00
2-Fluorophenol	1.4050	1.3881	0.0500	1.200	40.00
2,4,6-Tribromophenol	0.0980	0.0941	0.0500	4.000	40.00

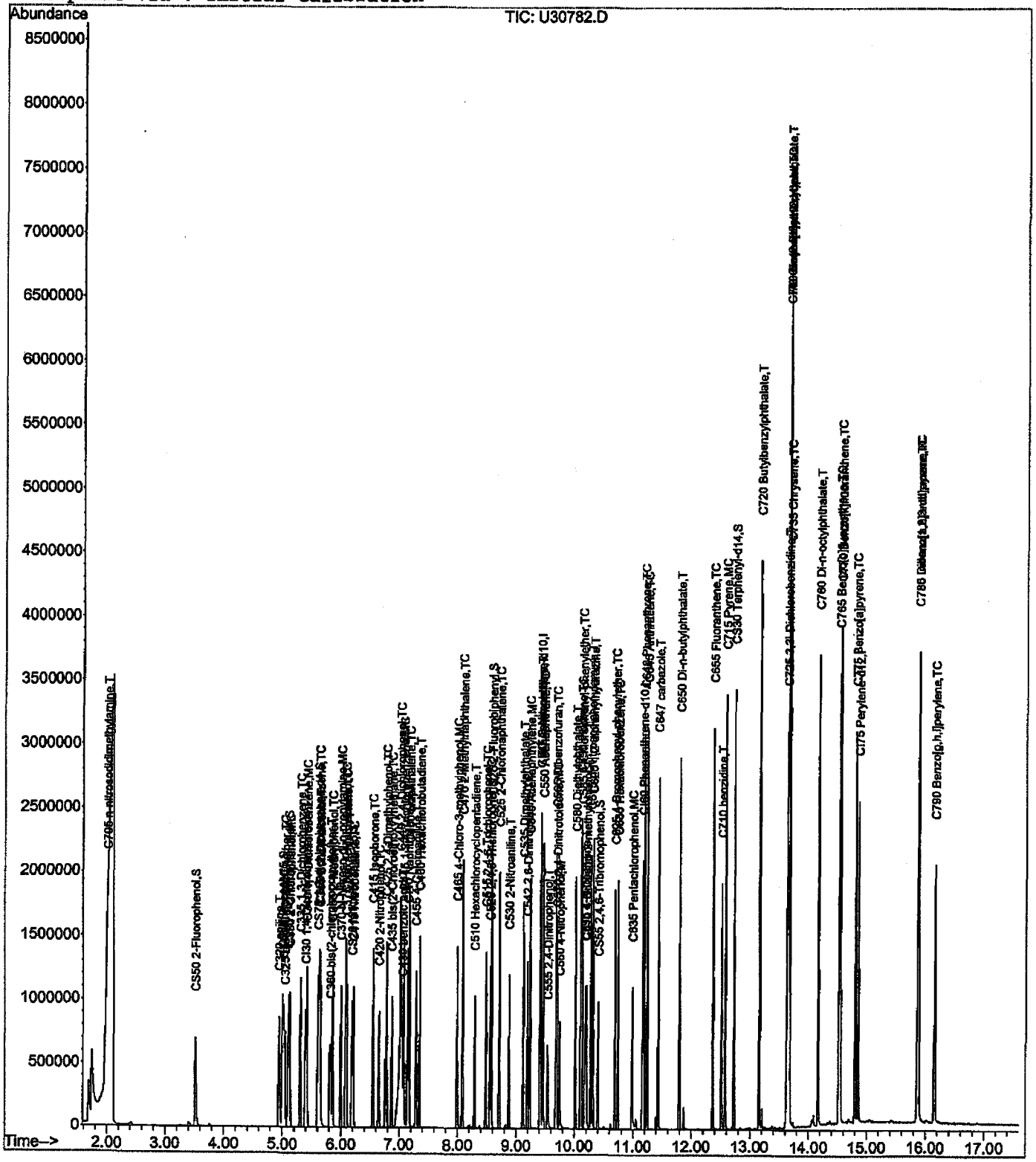
Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\U30782.D
Acq On : 30 Sep 2008 10:32
Sample : SSTD050
Misc : 8270 A (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 10:50 2008

Vial: 2
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\093008\U30782.D Vial: 2
Acq On : 30 Sep 2008 10:32 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 A (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 10:50:44 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092908\U30736.D (29 Sep 2008 14:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.39	152	169997	40.00	ng	-0.01 118.02%
20) CI40 Naphthalene-d8	7.15	136	669919	40.00	ng	0.00 120.66%
35) CI50 Acenaphthene-d10	9.42	164	355783	40.00	ng	0.00 120.83%
56) CI60 Phenanthrene-d10	11.16	188	759901	40.00	ng	-0.01 120.00%
68) CI70 Chrysene-d12	13.65	240	844377	40.00	ng	0.00 121.16%
78) CI75 Perylene-d12	14.85	264	941122	40.00	ng	0.00 126.88%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.51	112	294956	49.38	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 32.92%			
5) CS45 Phenol-d5	5.00	99	372813	52.22	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.81%			
6) CS70 2-chlorophenol-d4	5.10	132	303746	50.72	ng	-0.01
Spiked Amount 150.000	Range 33 - 110		Recovery = 33.81%			
12) CS75 1,2-dichlorobenzene-d	5.61	152	181708	49.16	ng	-0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 49.16%			
21) CS20 Nitrobenzene-d5	6.18	82	347686	47.30	ng	-0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 47.30%			
39) CS25 2-Fluorobiphenyl	8.58	172	628524	48.00	ng	-0.01
Spiked Amount 100.000	Range 43 - 116		Recovery = 48.00%			
59) CS55 2,4,6-Tribromophenol	10.40	330	89354	47.77	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 31.85%			
71) CS30 Terphenyl-d14	12.73	244	910571	51.45	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.45%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.00	74	1017	1.24	ng	# 3
4) C325 bis(2-Chloroethyl)eth	5.04	93	303588	48.98	ng	89
7) C315 Phenol	5.02	94	397592	51.98	ng	85
8) C330 2-Chlorophenol	5.12	128	306067	50.95	ng	94
9) C320 aniline	4.94	93	465911	51.98	ng	86
10) C335 1,3-Dichlorobenzene	5.30	146	324675	48.14	ng	98
11) C340 1,4-Dichlorobenzene	5.42	146	334277	49.01	ng	98
13) C350 1,2-Dichlorobenzene	5.63	146	311637	48.81	ng	99
14) C345 Benzyl alcohol	5.64	108	208778	55.32	ng	91
15) C360 bis(2-chloroisopropyl	5.82	45	435354	53.84	ng	91
16) C355 2-Methylphenol	5.85	108	265621	52.74	ng	95
17) C375 Hexachloroethane	6.09	117	124632	45.53	ng	96
18) C370 N-Nitroso-di-n-propyl	6.00	70	233724	52.92	ng	93
19) C365 4-Methylphenol	6.08	108	282266	54.37	ng	94
22) C410 Nitrobenzene	6.21	77	366092	47.85	ng	100
23) C415 Isophorone	6.55	82	637425	51.59	ng	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\093008\U30782.D Vial: 2
Acq On : 30 Sep 2008 10:32 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 A (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 10:50:44 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.05	122	573015	160.62	ng		99
25)	C420 2-Nitrophenol	6.65	139	158058	49.65	ng		95
26)	C425 2,4-Dimethylphenol	6.78	107	315192	46.58	ng		97
27)	C435 bis(2-Chloroethoxy)me	6.87	93	353670	50.46	ng		99
28)	C440 2,4-Dichlorophenol	7.01	162	242724	50.11	ng		97
29)	C445 1,2,4-Trichlorobenzen	7.08	180	274328	49.54	ng		97
30)	C450 Naphthalene	7.17	128	879096	49.96	ng		97
31)	C455 4-Chloroaniline	7.29	127	365587	54.03	ng		100
32)	C460 Hexachlorobutadiene	7.35	225	154446	43.61	ng		98
33)	C465 4-Chloro-3-methylphen	8.00	107	269687	50.74	ng		97
34)	C470 2-Methylnaphthalene	8.09	142	567478	51.15	ng		93
36)	C510 Hexachlorocyclopentad	8.29	237	157820	41.62	ng		97
37)	C515 2,4,6-Trichlorophenol	8.49	196	171886	48.59	ng		98
38)	C520 2,4,5-Trichlorophenol	8.56	196	186043	49.96	ng		97
40)	C525 2-Chloronaphthalene	8.71	162	534476	48.24	ng		97
41)	C530 2-Nitroaniline	8.88	65	200011	46.81	ng		90
42)	C540 Acenaphthylene	9.24	152	891622	50.62	ng		98
43)	C535 Dimethylphthalate	9.12	163	646772	49.16	ng		100
44)	C542 2,6-Dinitrotoluene	9.19	165	144951	51.35	ng		85
45)	C550 Acenaphthene	9.46	153	542710	47.96	ng		97
46)	C545 3-Nitroaniline	9.41	138	164725	52.63	ng		99
47)	C555 2,4-Dinitrophenol	9.54	184	87090	51.34	ng		89
48)	C565 Dibenzofuran	9.68	168	776152	49.74	ng		94
49)	C570 2,4-Dinitrotoluene	9.70	165	206746	51.33	ng	#	1
50)	C560 4-Nitrophenol	9.74	109	123635	41.87	ng	#	81
51)	C590 Fluorene	10.11	166	629189	49.71	ng		100
52)	C585 4-Chlorophenyl-phenyl	10.13	204	316355	48.78	ng		94
53)	C580 Diethylphthalate	10.02	149	665920	47.89	ng		97
54)	C620 1,2 diphenylhydrazine	10.31	77	803629	48.32	ng		98
55)	C595 4-Nitroaniline	10.18	138	175971	54.36	ng		89
57)	C610 4,6-Dinitro-2-methylp	10.20	198	125386	51.85	ng		100
58)	C615 n-Nitrosodiphenylamin	10.28	169	473513	51.85	ng		97
60)	C625 4-Bromophenyl-phenyle	10.69	248	187664	47.89	ng		97
61)	C630 Hexachlorobenzene	10.74	284	193493	47.70	ng		91
62)	C635 Pentachlorophenol	10.99	266	107489	52.86	ng		99
63)	C640 Phenanthrene	11.19	178	1028236	49.65	ng		98
64)	C645 Anthracene	11.24	178	1059910	50.83	ng		98
65)	C647 carbazole	11.44	167	968454	52.62	ng		98
66)	C650 Di-n-butylphthalate	11.79	149	1197975	50.36	ng		98
67)	C655 Fluoranthene	12.37	202	1132120	48.34	ng		99
69)	C715 Pyrene	12.58	202	1213525	54.95	ng		95
70)	C710 benzidine	12.52	184	613952	58.88	ng		100
72)	C720 Butylbenzylphthalate	13.17	149	592084	51.85	ng		96
73)	C725 3,3'-Dichlorobenzidin	13.63	252	490616	63.28	ng		97
74)	C730 Benzo[a]anthracene	13.64	228	1142530	52.29	ng		97
75)	C735 Chrysene	13.67	228	1223492	53.86	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.65	149	855007	47.88	ng		95
77)	C760 Di-n-octylphthalate	14.17	149	1551658	53.59	ng		100
79)	C765 Benzo[b]fluoranthene	14.52	252	1370277	48.29	ng		97
80)	C770 Benzo[k]fluoranthene	14.55	252	1376131	48.16	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\093008\U30782.D Vial: 2
Acq On : 30 Sep 2008 10:32 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : 8270 A (09/09/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 10:50:44 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.81	252	1264060	51.11	ng	95
82)	C780 Indeno[1,2,3-cd]pyren	15.87	276	1307675	48.21	ng	91
83)	C785 Dibenz[a,h]anthracene	15.88	278	1139196	47.55	ng	95
84)	C790 Benzo[g,h,i]perylene	16.16	276	1098119	49.79	ng	93

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002490-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: U30783.RR Calibration Date: 09/30/2008 Time: 10:55

Intrument ID: HP5973U Init. Calib. Date(s): 08/11/2008 08/11/2008

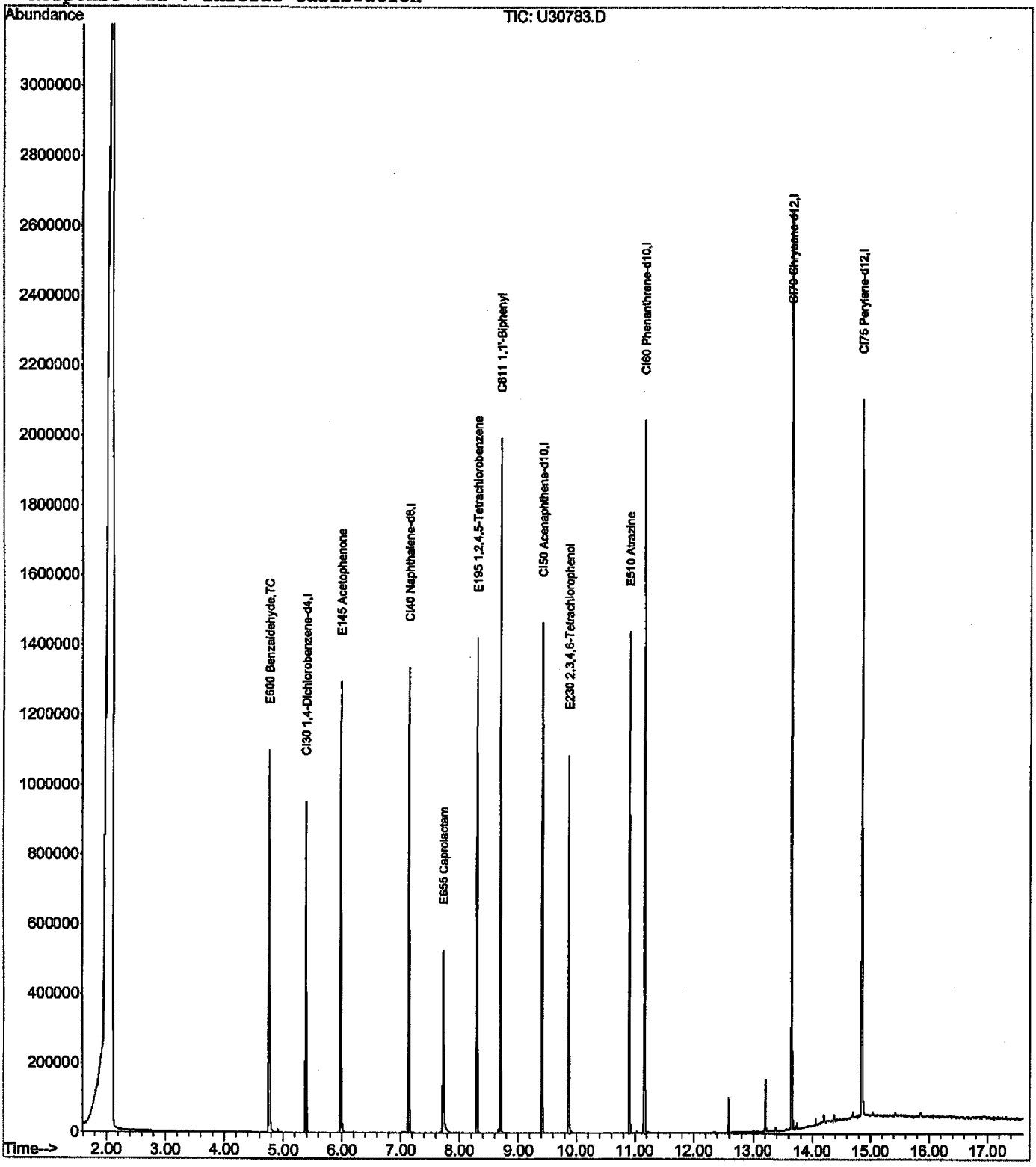
Init. Calib. Times: 08:57 10:53

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0990	0.1115	0.0500	-12.600	40.00
Atrazine	0.1780	0.1868	0.0500	-4.900	40.00
Acetophenone	2.0640	1.8420	0.0500	10.800	40.00
Biphenyl	1.6710	1.6216	0.0500	3.000	40.00
Benzaldehyde	1.4520	1.3931	0.0500	4.000	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\U30783.D Vial: 3
Acq On : 30 Sep 2008 10:55 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 12:07 2008 Quant Results File: TCLADDS-A8I0600.RES

Method : C:\MSDCHEM\1\METHODS\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\093008\U30783.D Vial: 3
Acq On : 30 Sep 2008 10:55 Operator: MD
Sample : SSTD050 Inst : HP5973U
Misc : TCLADDS A (08/08/08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 12:07:44 2008 Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.39	152	168089	40.00	ng		-0.45 114.63%
4) CI40 Naphthalene-d8	7.14	136	597585	40.00	ng		-0.38 106.12%
7) CI50 Acenaphthene-d10	9.42	164	315120	40.00	ng		-0.37 102.82%
10) CI60 Phenanthrene-d10	11.16	188	680671	40.00	ng		-0.33 104.54%
12) CI70 Chrysene-d12	13.65	240	758877	40.00	ng		-0.34 114.37%
13) CI75 Perylene-d12	14.85	264	688350	40.00	ng		-0.45 129.31%
Target Compounds							Qvalue
2) E600 Benzaldehyde	4.76	77	292707	47.96	ng		96
3) E145 Acetophenone	5.98	105	387032	44.63	ng		84
5) E655 Caprolactam	7.72	113	83317	49.47	ng	#	68
6) E195 1,2,4,5-Tetrachlorobe	8.30	216	222453	47.23	ng	#	78
8) C811 1,1'-Biphenyl	8.70	154	638757	48.52	ng		97
9) E230 2,3,4,6-Tetrachloroph	9.87	232	118199	47.85	ng		96
11) E510 Atrazine	10.91	200	158898	52.55	ng		83

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002463-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26797.RR Calibration Date: 09/26/2008 Time: 09:14

Intrument ID: HP5973X Init. Calib. Date(s): 09/23/2008 09/23/2008

Init. Calib. Times: 19:20 21:13

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.0530	1.8233	0.0500	11.200	20.00
Bis(2-chloroethyl) ether	1.4320	1.3345	0.0500	6.800	40.00
2-Chlorophenol	1.4340	1.3252	0.0500	7.600	40.00
2-Methylphenol	1.3330	1.1638	0.0500	12.700	40.00
2,2'-Oxybis(1-Chloropropane)	2.0310	1.9313	0.0500	4.900	40.00
4-Methylphenol	1.4340	1.2318	0.0500	14.100	40.00
N-Nitroso-Di-n-propylamine	1.1650	0.9970	0.0500	14.400	40.00
Hexachloroethane	0.5740	0.6030	0.0500	-5.000	40.00
Nitrobenzene	0.4330	0.4439	0.0500	-2.500	40.00
Isophorone	0.7670	0.7025	0.0500	8.400	40.00
2-Nitrophenol	0.1960	0.1968	0.0500	-0.400	20.00
2,4-Dimethylphenol	0.3960	0.3855	0.0500	2.600	40.00
Bis(2-chloroethoxy) methane	0.4440	0.4206	0.0500	5.300	40.00
2,4-Dichlorophenol	0.3180	0.2988	0.0500	6.000	20.00
Naphthalene	1.0470	1.0200	0.0500	2.600	40.00
4-Chloroaniline	0.4410	0.3916	0.0500	11.200	40.00
Hexachlorobutadiene	0.1950	0.2127	0.0500	-9.100	20.00
4-Chloro-3-methylphenol	0.3350	0.2699	0.0500	19.400	20.00
2-Methylnaphthalene	0.7560	0.6982	0.0500	7.600	40.00
Hexachlorocyclopentadiene	0.3610	0.4666	0.0500	-29.200	40.00
2,4,6-Trichlorophenol	0.4110	0.4496	0.0500	-9.400	20.00
2,4,5-Trichlorophenol	0.4060	0.4345	0.0500	-7.000	40.00
2-Chloronaphthalene	1.2820	1.3919	0.0500	-8.600	40.00
2-Nitroaniline	0.5260	0.4511	0.0500	14.200	40.00
Dimethyl phthalate	1.4980	1.4144	0.0500	5.600	40.00
Acenaphthylene	1.9870	2.1064	0.0500	-6.000	40.00
2,6-Dinitrotoluene	0.3440	0.3279	0.0500	4.700	40.00
3-Nitroaniline	0.3840	0.3560	0.0500	7.300	40.00
Acenaphthene	1.1240	1.0759	0.0500	4.300	20.00
2,4-Dinitrophenol	0.1690	0.1622	0.0500	4.000	40.00
4-Nitrophenol	0.2320	0.2442	0.0500	-5.200	40.00
Dibenzofuran	1.9080	1.8603	0.0500	2.500	40.00
2,4-Dinitrotoluene	0.4920	0.4672	0.0500	5.000	40.00
Diethyl phthalate	1.5140	1.4579	0.0500	3.700	40.00
4-Chlorophenyl phenyl ether	0.7880	0.7559	0.0500	4.100	40.00
Fluorene	1.5790	1.5274	0.0500	3.300	40.00
4-Nitroaniline	0.3770	0.3533	0.0500	6.300	40.00
4,6-Dinitro-2-methylphenol	0.1310	0.1329	0.0500	-1.400	40.00
N-nitrosodiphenylamine	0.5550	0.5332	0.0500	3.900	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002463-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26797.RR Calibration Date: 09/26/2008 Time: 09:14

Intrument ID: HP5973X Init. Calib. Date(s): 09/23/2008 09/23/2008

Init. Calib. Times: 19:20 21:13

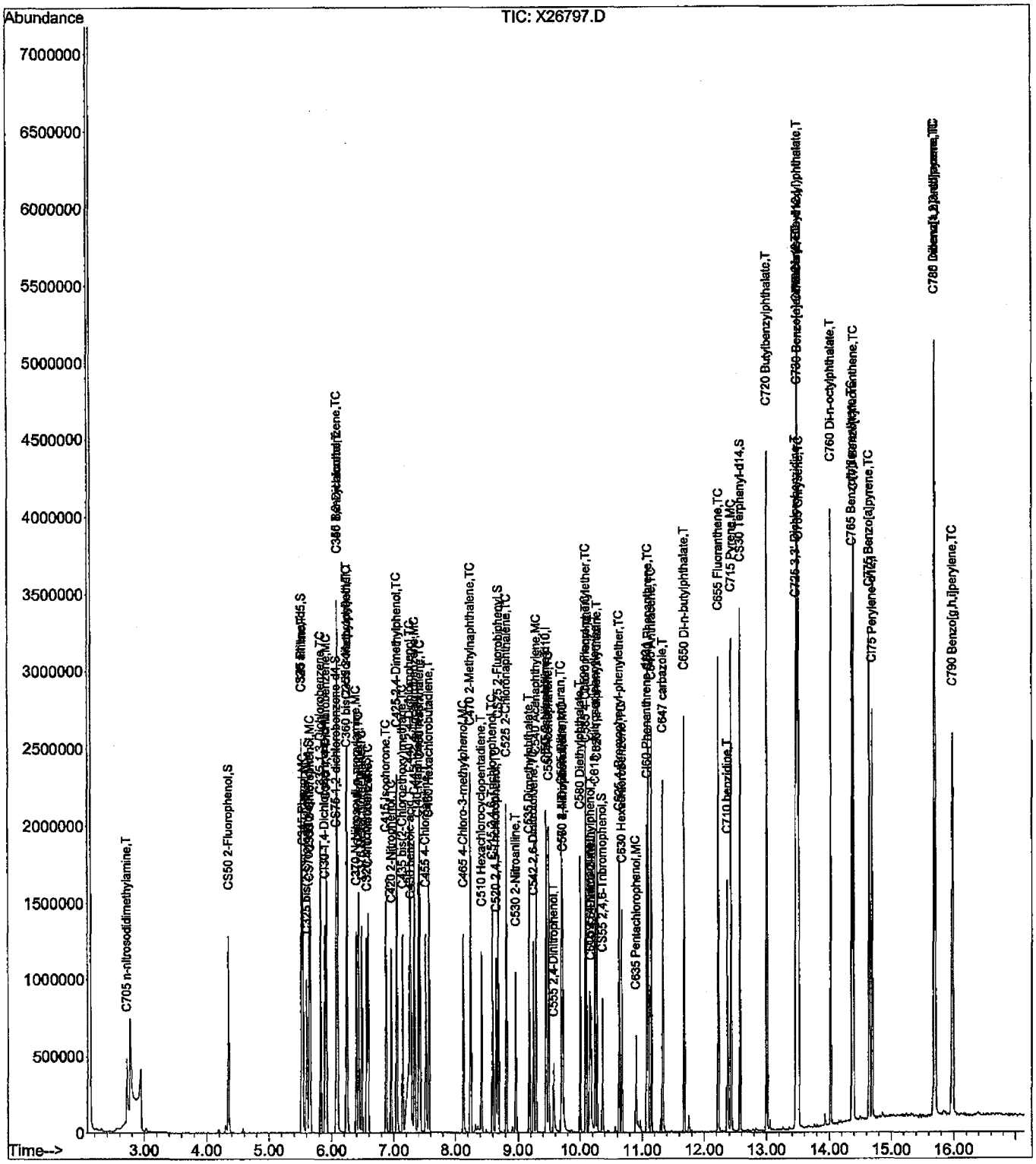
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2150	0.2203	0.0500	-2.500	40.00
Hexachlorobenzene	0.2210	0.2183	0.0500	1.200	40.00
Pentachlorophenol	0.0960	0.0906	0.0500	5.600	20.00
Phenanthrene	1.1070	1.0776	0.0500	2.600	40.00
Anthracene	1.1390	1.1136	0.0500	2.200	40.00
Di-n-butyl phthalate	1.2480	1.2596	0.0500	-0.900	40.00
Fluoranthene	1.2960	1.3072	0.0500	-0.900	20.00
Pyrene	1.0540	0.9596	0.0500	9.000	40.00
Butyl benzyl phthalate	0.4690	0.4688	0.0500	0.000	40.00
3,3'-Dichlorobenzidine	0.4550	0.4630	0.0500	-1.800	40.00
Benzo(a)anthracene	1.0880	1.0804	0.0500	0.700	40.00
Chrysene	1.0170	1.0085	0.0500	0.800	40.00
Bis(2-ethylhexyl) phthalate	0.6660	0.6980	0.0500	-4.800	40.00
Di-n-octyl phthalate	1.1810	1.2984	0.0500	-9.900	20.00
Benzo(b)fluoranthene	1.2240	1.1122	0.0500	9.100	40.00
Benzo(k)fluoranthene	1.1090	1.1288	0.0500	-1.800	40.00
Benzo(a)pyrene	1.0760	1.0721	0.0500	0.400	20.00
Indeno(1,2,3-cd)pyrene	1.3400	1.4190	0.0500	-5.900	40.00
Dibenzo(a,h)anthracene	1.1740	1.2512	0.0500	-6.600	40.00
Benzo(ghi)perylene	1.1540	1.2369	0.0500	-7.200	40.00
Carbazole	1.0680	1.0346	0.0500	3.100	100.00
Nitrobenzene-D5	0.4230	0.4384	0.0500	-3.600	40.00
2-Fluorobiphenyl	1.5480	1.6519	0.0500	-6.700	40.00
p-Terphenyl-d14	0.8150	0.7522	0.0500	7.700	40.00
Phenol-D5	1.8530	1.6473	0.0500	11.100	40.00
2-Fluorophenol	1.3850	1.3559	0.0500	2.100	40.00
2,4,6-Tribromophenol	0.0970	0.0941	0.0500	3.000	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26797.D
Acq On : 26 Sep 2008 9:14
Sample : SSTD050
Misc : 8270(9-9-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 29 09:38:08 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 25 00:15:42 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26797.D Vial: 2
Acq On : 26 Sep 2008 9:14 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(9-9-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 09:38:08 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 25 00:15:42 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092508\X26759.D (25 Sep 2008 11:58)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	208545	40.00	ng	-0.01 96.55%
20) CI40 Naphthalene-d8	7.40	136	714016	40.00	ng	0.00 85.02%
35) CI50 Acenaphthene-d10	9.46	164	317525	40.00	ng	0.00 72.64%
56) CI60 Phenanthrene-d10	11.08	188	644756	40.00	ng	-0.01 65.35%
68) CI70 Chrysene-d12	13.49	240	894846	40.00	ng	-0.01 70.93%
78) CI75 Perylene-d12	14.69	264	996465	40.00	ng	-0.02 81.54%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.35	112	353450	48.94	ng	-0.03
Spiked Amount 150.000	Range 21 - 110		Recovery = 32.63%			
5) CS45 Phenol-d5	5.53	99	429415	44.45	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 29.63%			
6) CS70 2-chlorophenol-d4	5.64	132	345001	47.04	ng	-0.01
Spiked Amount 150.000	Range 33 - 110		Recovery = 31.36%#			
12) CS75 1,2-dichlorobenzene-d	6.08	152	226963	48.31	ng	-0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 48.31%			
21) CS20 Nitrobenzene-d5	6.57	82	391314	51.81	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 51.81%			
39) CS25 2-Fluorobiphenyl	8.69	172	655662	53.36	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 53.36%			
59) CS55 2,4,6-Tribromophenol	10.36	330	75811	48.28	ng	-0.01
Spiked Amount 150.000	Range 10 - 123		Recovery = 32.19%			
71) CS30 Terphenyl-d14	12.58	244	841410	46.14	ng	-0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 46.14%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	209926	49.66	ng	# 67
4) C325 bis(2-Chloroethyl)eth	5.60	93	347888	46.58	ng	# 76
7) C315 Phenol	5.54	94	475300	44.41	ng	99
8) C330 2-Chlorophenol	5.66	128	345465	46.22	ng	82
9) C320 aniline	5.52	93	567215	45.98	ng	95
10) C335 1,3-Dichlorobenzene	5.83	146	400026	49.26	ng	99
11) C340 1,4-Dichlorobenzene	5.92	146	394761	47.56	ng	100
13) C350 1,2-Dichlorobenzene	6.09	146	373308	47.80	ng	97
14) C345 Benzyl alcohol	6.09	108	230234	43.80	ng	97
15) C360 bis(2-chloroisopropyl	6.24	45	503442	47.55	ng	61
16) C355 2-Methylphenol	6.25	108	303389	43.67	ng	93
17) C375 Hexachloroethane	6.49	117	157203	52.54	ng	86
18) C370 N-Nitroso-di-n-propyl	6.40	70	259889	42.79	ng	# 73
19) C365 4-Methylphenol	6.44	108	321107	42.94	ng	94
22) C410 Nitrobenzene	6.59	77	396196	51.31	ng	100
23) C415 Isophorone	6.88	82	627023	45.78	ng	90
24) C430 benzoic acid	7.28	122	431766	127.54	ng	# 74
25) C420 2-Nitrophenol	6.96	139	175628	50.15	ng	88
26) C425 2,4-Dimethylphenol	7.06	107	344075	48.65	ng	95
27) C435 bis(2-Chloroethoxy)me	7.15	93	375410	47.39	ng	98
28) C440 2,4-Dichlorophenol	7.27	162	266710	47.06	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26797.D Vial: 2
Acq On : 26 Sep 2008 9:14 Operator: AJ
Sample : SSTD050 Inst : HP5973X
Misc : 8270(9-9-08) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 09:38:08 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 25 00:15:42 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092508\X26759.D (25 Sep 2008 11:58)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	298222	50.55	ng		87
30) C450 Naphthalene	7.43	128	910377	48.70	ng		98
31) C455 4-Chloroaniline	7.52	127	349501	44.40	ng		99
32) C460 Hexachlorobutadiene	7.57	225	189864	54.69	ng		96
33) C465 4-Chloro-3-methylphen	8.13	107	240850	40.29	ng		97
34) C470 2-Methylnaphthalene	8.24	142	623189	46.18	ng		97
36) C510 Hexachlorocyclopentad	8.42	237	185188	57.46	ng		96
37) C515 2,4,6-Trichlorophenol	8.59	196	178435	54.72	ng		96
38) C520 2,4,5-Trichlorophenol	8.65	196	172462	53.46	ng		98
40) C525 2-Chloronaphthalene	8.81	162	552440	54.27	ng		95
41) C530 2-Nitroaniline	8.96	65	179030m	42.90	ng		90
42) C540 Acenaphthylene	9.29	152	836040	53.01	ng		98
43) C535 Dimethylphthalate	9.18	163	561373	47.21	ng		98
44) C542 2,6-Dinitrotoluene	9.25	165	130126	47.69	ng		95
45) C550 Acenaphthene	9.50	153	427021	47.86	ng		97
46) C545 3-Nitroaniline	9.45	138	141303	46.31	ng		98
47) C555 2,4-Dinitrophenol	9.57	184	64362	44.25	ng	#	54
48) C565 Dibenzofuran	9.70	168	738376	48.76	ng		93
49) C570 2,4-Dinitrotoluene	9.72	165	185416	47.48	ng	#	62
50) C560 4-Nitrophenol	9.72	109	96923	50.12	ng	#	47
51) C590 Fluorene	10.09	166	606246	48.37	ng		97
52) C585 4-Chlorophenyl-phenyl	10.11	204	300021	47.98	ng		94
53) C580 Diethylphthalate	10.01	149	578661	48.15	ng		99
54) C620 1,2-diphenylhydrazine	10.28	77	639719	48.25	ng		81
55) C595 4-Nitroaniline	10.16	138	140223	43.08	ng	#	85
57) C610 4,6-Dinitro-2-methylp	10.18	198	107090	47.48	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	429738	48.06	ng		99
60) C625 4-Bromophenyl-phenyle	10.63	248	177525	51.20	ng	#	82
61) C630 Hexachlorobenzene	10.68	284	175942	49.43	ng		91
62) C635 Pentachlorophenol	10.90	266	73033	43.30	ng		96
63) C640 Phenanthrene	11.10	178	868509	48.69	ng		98
64) C645 Anthracene	11.15	178	897515	48.88	ng		99
65) C647 carbazole	11.34	167	833791	48.45	ng		99
66) C650 Di-n-butylphthalate	11.68	149	1015138	50.46	ng		99
67) C655 Fluoranthene	12.23	202	1053540	50.43	ng		86
69) C715 Pyrene	12.43	202	1073382	45.54	ng		87
70) C710 benzidine	12.37	184	588064	43.20	ng		98
72) C720 Butylbenzylphthalate	13.01	149	524394	49.98	ng		94
73) C725 3,3'-Dichlorobenzidin	13.46	252	517886	50.85	ng		98
74) C730 Benzo[a]anthracene	13.48	228	1208447	49.63	ng		98
75) C735 Chrysene	13.51	228	1128103	49.59	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.50	149	780781	52.41	ng		98
77) C760 Di-n-octylphthalate	14.02	149	1452366	54.97	ng		100
79) C765 Benzo[b]fluoranthene	14.37	252	1385319	45.45	ng		97
80) C770 Benzo[k]fluoranthene	14.39	252	1406008	50.88	ng		95
81) C775 Benzo[a]pyrene	14.64	252	1335345	49.81	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.70	276	1767439	52.97	ng		90
83) C785 Dibenz[a,h]anthracene	15.71	278	1558482	53.29	ng		93
84) C790 Benzo[g,h,i]perylene	15.99	276	1540666	53.61	ng		94

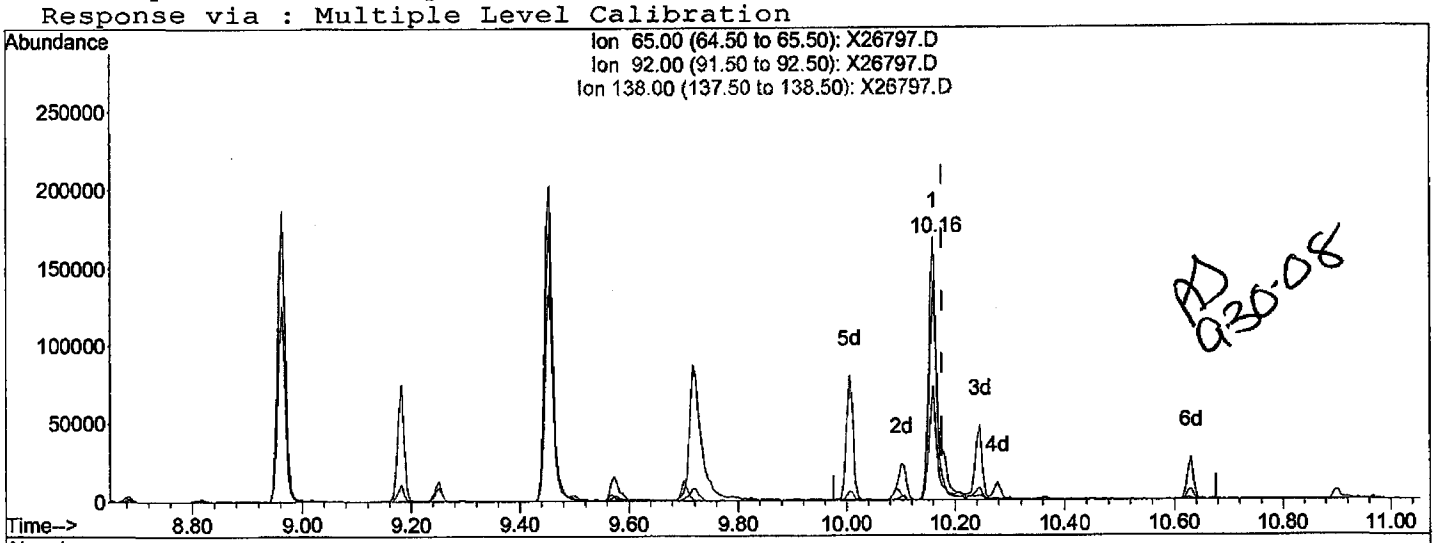
(#) = qualifier out of range (m) = manual integration (+) = signals summed

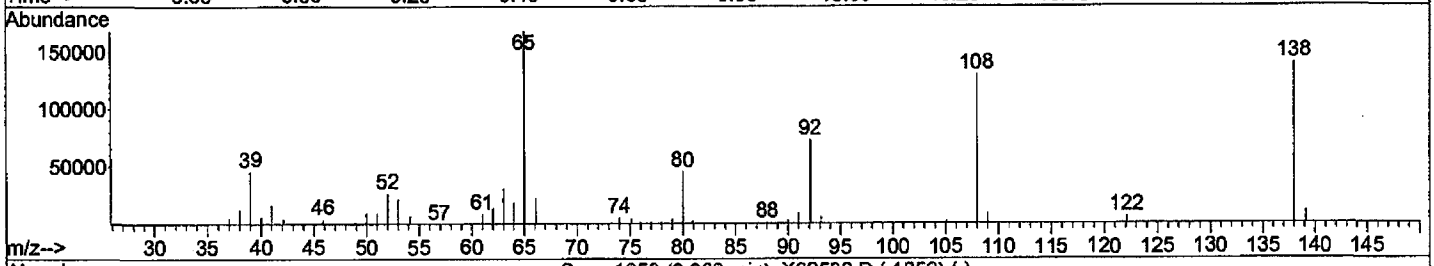
Quantitation Report (Qedit)

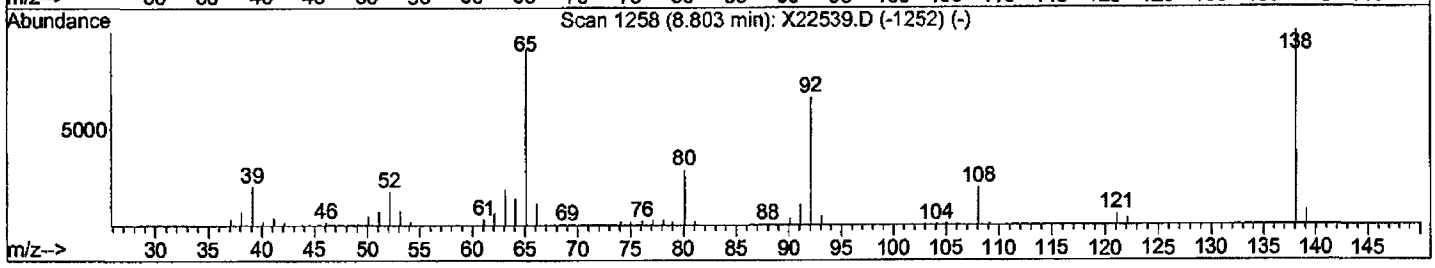
Data File : D:\DATA\092608\X26797.D
Acq On : 26 Sep 2008 9:14
Sample : SSTD050
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 26 09:33:35 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 25 00:15:42 2008
Response via : Multiple Level Calibration







TIC: X26797.D

(41) C530 2-Nitroaniline (T)

10.16min (-0.016) 46.62ng

response 194564

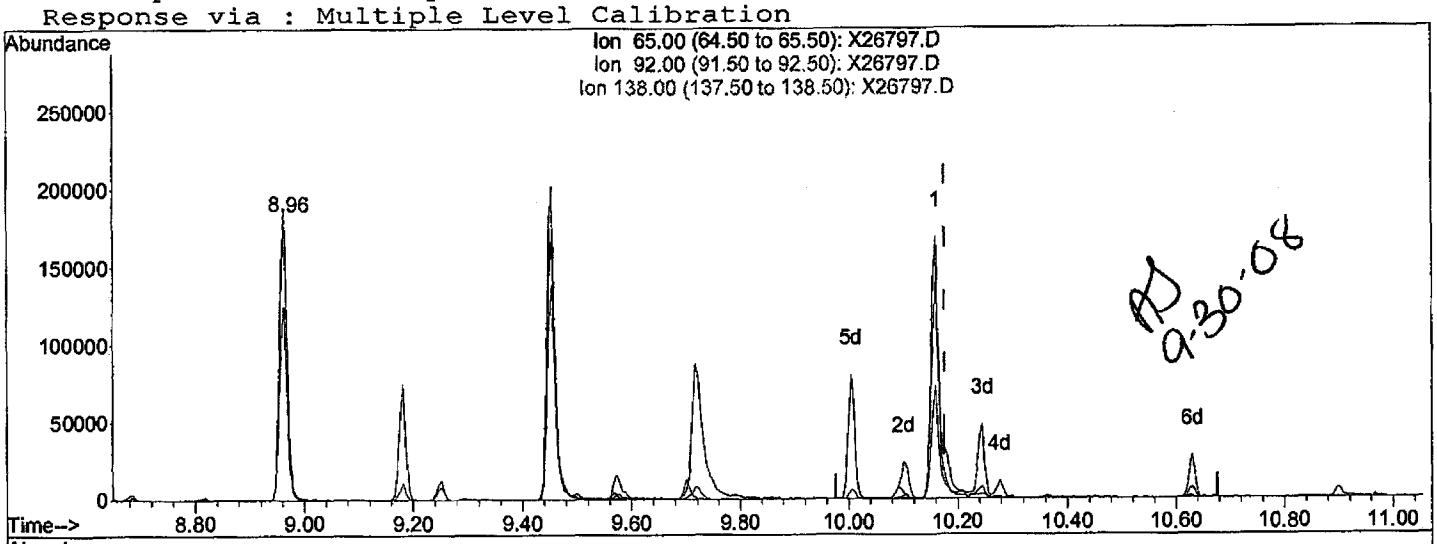
Ion	Exp%	Act%
65.00	100	100
92.00	57.40	43.24
138.00	86.50	82.97
0.00	0.00	0.00

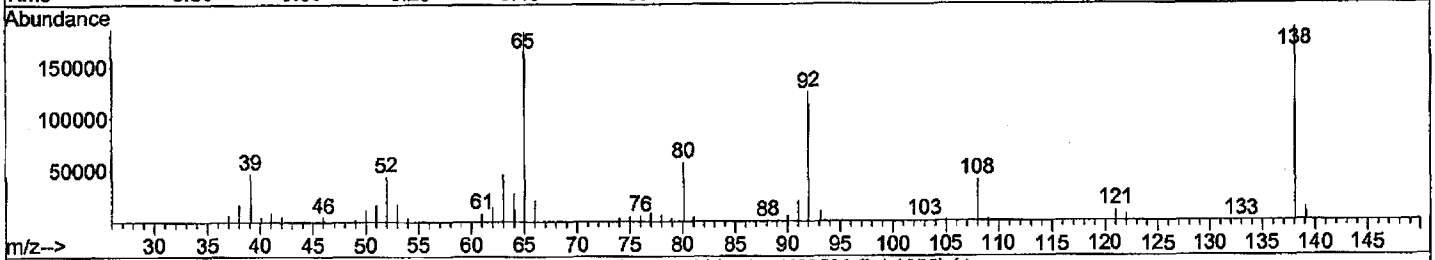
Quantitation Report (Qedit)

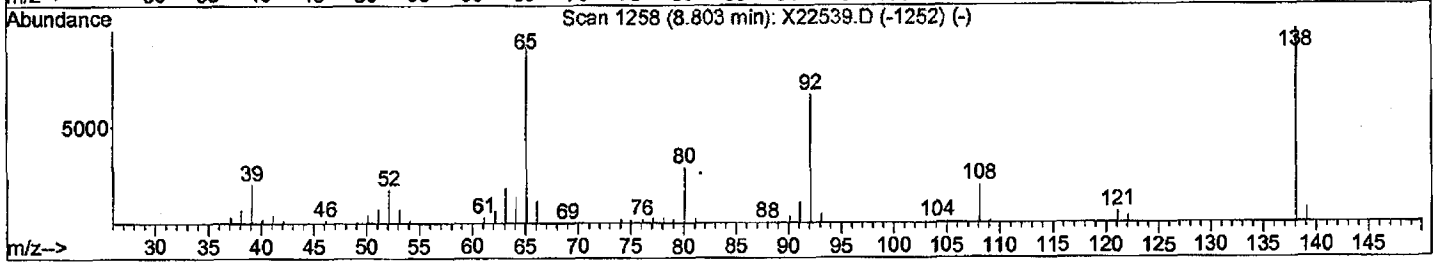
Data File : D:\DATA\092608\X26797.D
Acq On : 26 Sep 2008 9:14
Sample : SSTD050
Misc : 8270(9-9-08)
MS Integration Params: rteint.p
Quant Time: Sep 26 09:33:35 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Sep 25 00:15:42 2008
Response via : Multiple Level Calibration







TIC: X26797.D

(41) C530 2-Nitroaniline (T)

8.96min (-1.213) 42.90ng m

response 179030

Ion	Exp%	Act%
65.00	100	100
92.00	57.40	68.11
138.00	86.50	101.56
0.00	0.00	0.00

9/29/08

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002463-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26798.RR Calibration Date: 09/26/2008 Time: 09:36

Intrument ID: HP5973X Init. Calib. Date(s): 09/22/2008 09/22/2008

Init. Calib. Times: 12:52 14:46

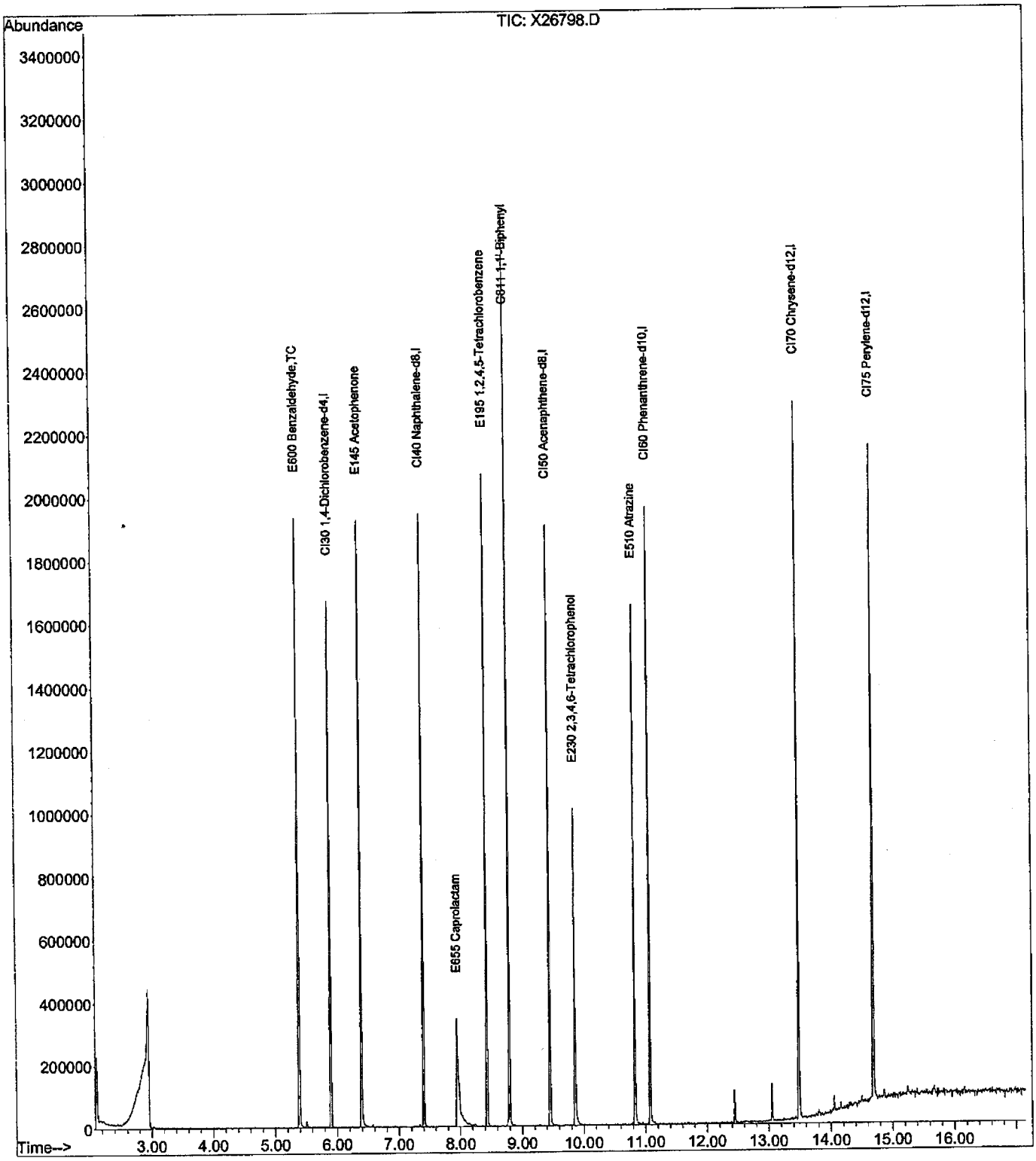
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0920	0.0766	0.0500	16.700	40.00
Atrazine	0.2070	0.2080	0.0500	-0.500	40.00
Acetophenone	1.9580	1.8332	0.0500	6.400	40.00
Biphenyl	1.8050	1.7726	0.0500	1.800	40.00
Benzaldehyde	1.3700	1.3617	0.0500	0.600	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26798.D
Acq On : 26 Sep 2008 9:36
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 26 12:31:01 2008 Results File: A8I0700.RES
Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 23:02:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26798.D
Acq On : 26 Sep 2008 9:36
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 26 12:31:01 2008

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 23 23:02:51 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	243275	40.00	ng		0.00 110.60%
4) CI40 Naphthalene-d8	7.40	136	838307	40.00	ng		-0.01 100.97%
7) CI50 Acenaphthene-d8	9.45	164	393243	40.00	ng		-0.01 98.91%
10) CI60 Phenanthrene-d10	11.07	188	684806	40.00	ng		-0.01 87.36%
12) CI70 Chrysene-d12	13.48	240	736539	40.00	ng		-0.01 92.90%
13) CI75 Perylene-d12	14.69	264	699739	40.00	ng		-0.02 88.07%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.39	77	414070	49.71	ng		94
3) E145 Acetophenone	6.39	105	557454	46.82	ng		95
5) E655 Caprolactam	7.95	113	80229	39.30	ng	#	68
6) E195 1,2,4,5-Tetrachlorobe	8.43	216	344509	50.13	ng		99
8) C811 1,1'-Biphenyl	8.79	154	871343	49.10	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.86	232	134463	47.02	ng	#	100
11) E510 Atrazine	10.83	200	178076	50.14	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002479-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26863.RR Calibration Date: 09/30/2008 Time: 21:04

Intrument ID: HP5973X Init. Calib. Date(s): 09/30/2008 09/30/2008

Init. Calib. Times: 09:36 11:30

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.9160	1.9638	0.0500	-2.500	20.00
Bis(2-chloroethyl) ether	1.6490	1.6625	0.0500	-0.800	40.00
2-Chlorophenol	1.3410	1.4076	0.0500	-5.000	40.00
2-Methylphenol	1.3110	1.3386	0.0500	-2.100	40.00
2,2'-Oxybis(1-Chloropropane)	2.1920	2.2030	0.0500	-0.500	40.00
4-Methylphenol	1.3380	1.3942	0.0500	-4.200	40.00
N-Nitroso-Di-n-propylamine	1.2210	1.2699	0.0500	-4.000	40.00
Hexachloroethane	0.6760	0.6609	0.0500	2.200	40.00
Nitrobenzene	0.5240	0.5216	0.0500	0.500	40.00
Isophorone	0.8930	0.9068	0.0500	-1.600	40.00
2-Nitrophenol	0.1640	0.1893	0.0500	-15.400	20.00
2,4-Dimethylphenol	0.4380	0.4382	0.0500	-0.100	40.00
Bis(2-chloroethoxy) methane	0.5140	0.5158	0.0500	-0.400	40.00
2,4-Dichlorophenol	0.3160	0.3193	0.0500	-1.000	20.00
Naphthalene	1.0540	1.0235	0.0500	2.900	40.00
4-Chloroaniline	0.4240	0.4296	0.0500	-1.300	40.00
Hexachlorobutadiene	0.2230	0.2158	0.0500	3.200	20.00
4-Chloro-3-methylphenol	0.3540	0.3682	0.0500	-4.000	20.00
2-Methylnaphthalene	0.6990	0.6931	0.0500	0.800	40.00
Hexachlorocyclopentadiene	0.4660	0.4406	0.0500	5.400	40.00
2,4,6-Trichlorophenol	0.3730	0.3870	0.0500	-3.800	20.00
2,4,5-Trichlorophenol	0.3980	0.4187	0.0500	-5.200	40.00
2-Chloronaphthalene	1.2030	1.1342	0.0500	5.700	40.00
2-Nitroaniline	0.4320	0.4563	0.0500	-5.600	40.00
Dimethyl phthalate	1.4200	1.4073	0.0500	0.900	40.00
Acenaphthylene	1.8560	1.7977	0.0500	3.100	40.00
2,6-Dinitrotoluene	0.2880	0.3112	0.0500	-8.100	40.00
3-Nitroaniline	0.3130	0.3449	0.0500	-10.200	40.00
Acenaphthene	1.1340	1.0895	0.0500	3.900	20.00
2,4-Dinitrophenol	0.1090	0.1487	0.0500	-36.400	40.00
4-Nitrophenol	0.2540	0.2863	0.0500	-12.700	40.00
Dibenzofuran	1.7250	1.6628	0.0500	3.600	40.00
2,4-Dinitrotoluene	0.4030	0.4296	0.0500	-6.600	40.00
Diethyl phthalate	1.4130	1.3619	0.0500	3.600	40.00
4-Chlorophenyl phenyl ether	0.6800	0.6564	0.0500	3.500	40.00
Fluorene	1.4220	1.3522	0.0500	4.900	40.00
4-Nitroaniline	0.3280	0.3545	0.0500	-8.100	40.00
4,6-Dinitro-2-methylphenol	0.0920	0.1235	0.0500	-34.200	40.00
N-nitrosodiphenylamine	0.5400	0.5317	0.0500	1.500	20.00

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002479-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26863.RR Calibration Date: 09/30/2008 Time: 21:04

Intrument ID: HP5973X Init. Calib. Date(s): 09/30/2008 09/30/2008

Init. Calib. Times: 09:36 11:30

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2120	0.2110	0.0500	0.500	40.00
Hexachlorobenzene	0.2270	0.2173	0.0500	4.300	40.00
Pentachlorophenol	0.1160	0.1461	0.0500	-26.000	20.00
Phenanthrene	1.1020	1.0601	0.0500	3.800	40.00
Anthracene	1.1410	1.1259	0.0500	1.300	40.00
Di-n-butyl phthalate	1.3600	1.3278	0.0500	2.400	40.00
Fluoranthene	1.3640	1.3256	0.0500	2.800	20.00
Pyrene	1.0310	1.0334	0.0500	-0.200	40.00
Butyl benzyl phthalate	0.5020	0.5080	0.0500	-1.200	40.00
3,3'-Dichlorobenzidine	0.4780	0.4968	0.0500	-3.900	40.00
Benzo(a)anthracene	1.0790	1.0906	0.0500	-1.100	40.00
Chrysene	1.0270	0.9828	0.0500	4.300	40.00
Bis(2-ethylhexyl) phthalate	0.7460	0.7576	0.0500	-1.600	40.00
Di-n-octyl phthalate	1.3900	1.3915	0.0500	-0.100	20.00
Benzo(b)fluoranthene	1.1440	1.0851	0.0500	5.200	40.00
Benzo(k)fluoranthene	0.9530	0.9850	0.0500	-3.400	40.00
Benzo(a)pyrene	1.0000	0.9949	0.0500	0.500	20.00
Indeno(1,2,3-cd)pyrene	1.3380	1.2908	0.0500	3.500	40.00
Dibenzo(a,h)anthracene	1.1660	1.1143	0.0500	4.400	40.00
Benzo(ghi)perylene	1.1750	1.1128	0.0500	5.300	40.00
Carbazole	1.1230	1.1028	0.0500	1.800	100.00
==========	==========	==========	==========	==========	==========
Nitrobenzene-D5	0.5050	0.5016	0.0500	0.700	40.00
2-Fluorobiphenyl	1.4330	1.3627	0.0500	4.900	40.00
p-Terphenyl-d14	0.7450	0.7355	0.0500	1.300	40.00
Phenol-D5	1.9640	2.0531	0.0500	-4.500	40.00
2-Fluorophenol	1.5410	1.6233	0.0500	-5.300	40.00
2,4,6-Tribromophenol	0.0910	0.1026	0.0500	-12.800	40.00

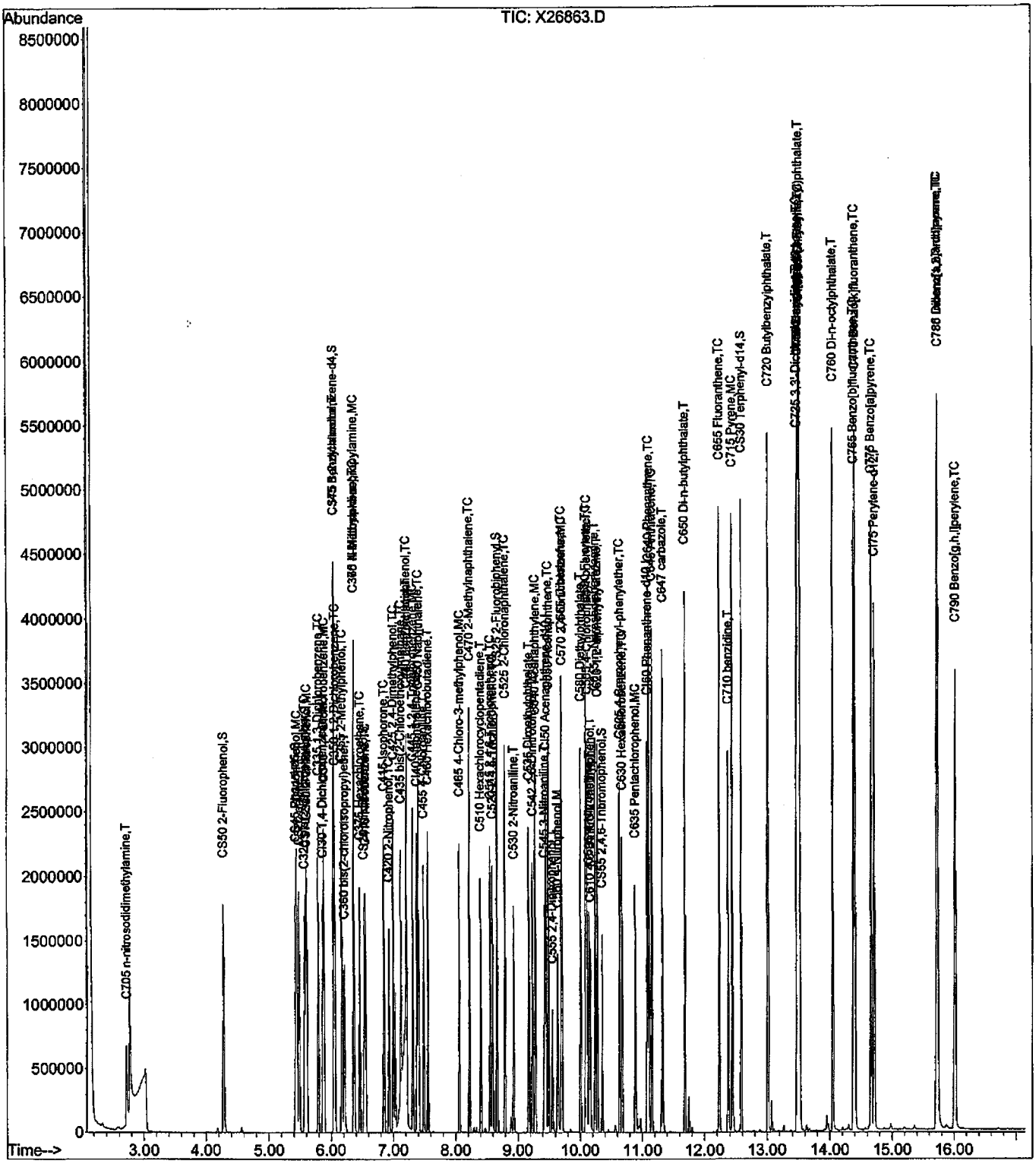
5,1 % Drift Using Linear Regression

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26863.D
Acq On : 30 Sep 2008 21:04
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 22:40:49 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:21:25 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26863.D
Acq On : 30 Sep 2008 21:04
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 22:40:49 2008

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:21:25 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

JLG 9/30/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	266365	40.00	ng	0.00 119.21%
20) CI40 Naphthalene-d8	7.38	136	939149	40.00	ng	0.00 125.16%
35) CI50 Acenaphthene-d10	9.45	164	541162	40.00	ng	0.00 127.43%
56) CI60 Phenanthrene-d10	11.08	188	1002351	40.00	ng	0.00 128.52%
68) CI70 Chrysene-d12	13.50	240	1344308	40.00	ng	0.00 124.97%
78) CI75 Perylene-d12	14.71	264	1696208	40.00	ng	0.00 122.11%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.28	112	540473	52.65	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 35.10%			
5) CS45 Phenol-d5	5.43	99	683599	52.27	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 34.85%			
6) CS70 2-chlorophenol-d4	5.59	132	447166	51.07	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.05%			
12) CS75 1,2-dichlorobenzene-d	6.05	152	276726	48.18	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 48.18%			
21) CS20 Nitrobenzene-d5	6.53	82	588859	49.71	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 49.71%			
39) CS25 2-Fluorobiphenyl	8.67	172	921822	47.55	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 47.55%			
59) CS55 2,4,6-Tribromophenol	10.36	330	128544	52.62	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 35.08%			
71) CS30 Terphenyl-d14	12.59	244	1235959	49.34	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 49.34%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	365554	54.13	ng	96
4) C325 bis(2-Chloroethyl)eth	5.57	93	553532	50.40	ng	# 71
7) C315 Phenol	5.45	94	653854	51.24	ng	97
8) C330 2-Chlorophenol	5.61	128	468685	52.49	ng	# 81
9) C320 aniline	5.48	93	876406	50.06	ng	88
10) C335 1,3-Dichlorobenzene	5.79	146	519644	49.80	ng	99
11) C340 1,4-Dichlorobenzene	5.88	146	518820	49.23	ng	98
13) C350 1,2-Dichlorobenzene	6.06	146	494302	50.39	ng	97
14) C345 Benzyl alcohol	6.05	108	348948	52.56	ng	95
15) C360 bis(2-chloroisopropyl	6.22	45	733490	50.26	ng	89
16) C355 2-Methylphenol	6.17	108	445687	51.05	ng	92
17) C375 Hexachloroethane	6.46	117	220035	48.90	ng	89
18) C370 N-Nitroso-di-n-propyl	6.37	70	422828	52.00	ng	# 65
19) C365 4-Methylphenol	6.37	108	464210	52.10	ng	97
22) C410 Nitrobenzene	6.55	77	612343	49.82	ng	96
23) C415 Isophorone	6.85	82	1064546	50.78	ng	96
24) C430 benzoic acid	7.21	122	828964	191.62	ng	# 82
25) C420 2-Nitrophenol	6.93	139	222172	57.64	ng	91
26) C425 2,4-Dimethylphenol	7.00	107	514405	49.99	ng	91
27) C435 bis(2-Chloroethoxy)me	7.12	93	605540	50.15	ng	98
28) C440 2,4-Dichlorophenol	7.22	162	374896	50.49	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\093008\X26863.D
Acq On : 30 Sep 2008 21:04
Sample : SSTD050
Misc : 8270 (09/09/08)
MS Integration Params: rteint.p
Quant Time: Sep 30 22:40:49 2008

Vial: 2
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 19:21:25 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26839.D (30 Sep 2008 10:22)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.31	180	389302	48.96	ng		94
30) C450 Naphthalene	7.40	128	1201491	48.57	ng		99
31) C455 4-Chloroaniline	7.48	127	504369	50.64	ng		100
32) C460 Hexachlorobutadiene	7.55	225	253354	48.34	ng		96
33) C465 4-Chloro-3-methylphen	8.06	107	432195	51.96	ng		93
34) C470 2-Methylnaphthalene	8.22	142	813602	49.57	ng		98
36) C510 Hexachlorocyclopentad	8.41	237	298054	47.23	ng		94
37) C515 2,4,6-Trichlorophenol	8.56	196	261772	51.86	ng		98
38) C520 2,4,5-Trichlorophenol	8.59	196	283229	52.65	ng		98
40) C525 2-Chloronaphthalene	8.79	162	767247	47.15	ng		96
41) C530 2-Nitroaniline	8.94	65	308688	52.76	ng		96
42) C540 Acenaphthylene	9.28	152	1216042	48.43	ng		96
43) C535 Dimethylphthalate	9.18	163	951991	49.55	ng		100
44) C542 2,6-Dinitrotoluene	9.24	165	210540	54.02	ng		84
45) C550 Acenaphthene	9.49	153	736962	48.02	ng		96
46) C545 3-Nitroaniline	9.43	138	233321	55.02	ng		84
47) C555 2,4-Dinitrophenol	9.55	184	100555	60.22	ng	#	62
48) C565 Dibenzofuran	9.70	168	1124792	48.19	ng		87
49) C570 2,4-Dinitrotoluene	9.71	165	290622	50.21	ng	#	56
50) C560 4-Nitrophenol	9.64	109	193639	52.57	ng	#	36
51) C590 Fluorene	10.09	166	914667	47.55	ng		96
52) C585 4-Chlorophenyl-phenyl	10.11	204	444037	48.30	ng		89
53) C580 Diethylphthalate	10.01	149	921294	48.18	ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	1173886	47.59	ng		91
55) C595 4-Nitroaniline	10.14	138	239825	54.02	ng	#	67
57) C610 4,6-Dinitro-2-methylp	10.17	198	154685	58.49	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	666217	49.20	ng		95
60) C625 4-Bromophenyl-phenyle	10.64	248	264418	49.88	ng	#	86
61) C630 Hexachlorobenzene	10.68	284	272269	47.79	ng		86
62) C635 Pentachlorophenol	10.89	266	183005	57.57	ng		99
63) C640 Phenanthrene	11.11	178	1328234	48.08	ng		99
64) C645 Anthracene	11.15	178	1410636	49.34	ng		99
65) C647 carbazole	11.33	167	1381788	49.12	ng		97
66) C650 Di-n-butylphthalate	11.68	149	1663651	48.83	ng		99
67) C655 Fluoranthene	12.23	202	1660893	48.61	ng		88
69) C715 Pyrene	12.44	202	1736504	50.14	ng		84
70) C710 benzidine	12.37	184	939640	49.16	ng		100
72) C720 Butylbenzylphthalate	13.02	149	853571	50.62	ng		87
73) C725 3,3'-Dichlorobenzidin	13.47	252	834742	51.93	ng		97
74) C730 Benzo[a]anthracene	13.48	228	1832672	50.54	ng		97
75) C735 Chrysene	13.52	228	1651530	47.87	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	1273086	50.78	ng		92
77) C760 Di-n-octylphthalate	14.05	149	2338206	50.04	ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	2300669	47.44	ng		96
80) C770 Benzo[k]fluoranthene	14.40	252	2088527	51.70	ng		96
81) C775 Benzo[a]pyrene	14.67	252	2109514	49.76	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.73	276	2736895	48.23	ng		84
83) C785 Dibenz[a,h]anthracene	15.74	278	2362521	47.76	ng		94
84) C790 Benzo[g,h,i]perylene	16.02	276	2359495	47.34	ng		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002479-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26864.RR Calibration Date: 09/30/2008 Time: 21:27

Intrument ID: HP5973X Init. Calib. Date(s): 09/30/2008 09/30/2008

Init. Calib. Times: 11:53 13:47

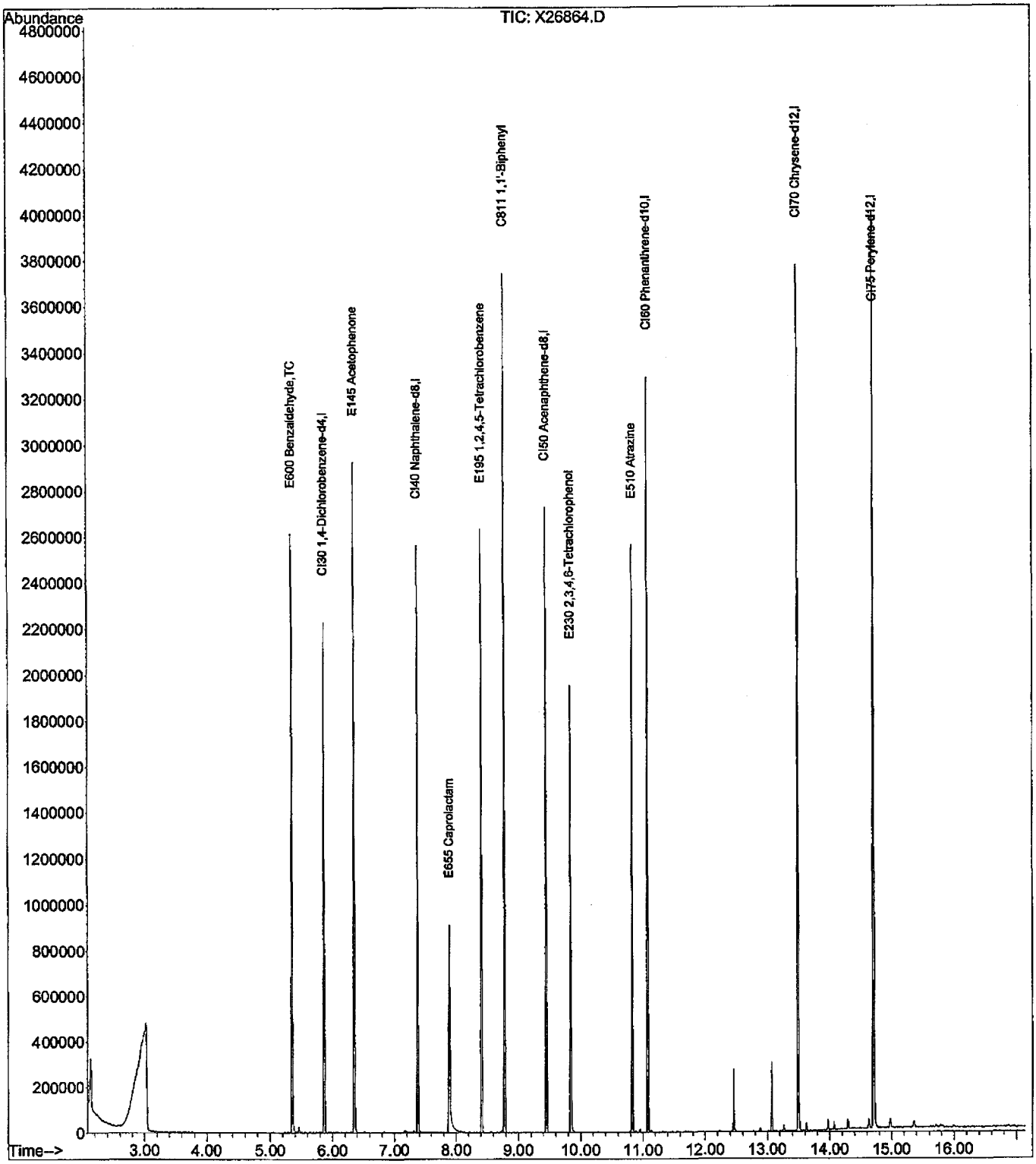
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1100	0.1202	0.0500	-9.300	40.00
Atrazine	0.2300	0.2269	0.0500	1.300	40.00
Acetophenone	2.3080	2.1571	0.0500	6.500	40.00
Biphenyl	1.5660	1.5282	0.0500	2.400	40.00
Benzaldehyde	1.6480	1.6013	0.0500	2.800	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26864.D
Acq On : 30 Sep 2008 21:27
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 3
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 30 22:43:28 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:35:52 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\093008\X26864.D
Acq On : 30 Sep 2008 21:27
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Sep 30 22:43:28 2008

Vial: 3
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 20:35:52 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

DK 10/3/08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	296737	40.00	ng		0.01 127.52%
4) CI40 Naphthalene-d8	7.38	136	1011749	40.00	ng		0.00 120.20%
7) CI50 Acenaphthene-d8	9.45	164	549221	40.00	ng		0.00 121.37%
10) CI60 Phenanthrene-d10	11.08	188	1041642	40.00	ng		0.01 126.89%
12) CI70 Chrysene-d12	13.49	240	1217386	40.00	ng		0.00 124.09%
13) CI75 Perylene-d12	14.71	264	1449854	40.00	ng		0.00 119.30%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.35	77	593974	48.58	ng		94
3) E145 Acetophenone	6.36	105	800108	46.74	ng		94
5) E655 Caprolactam	7.89	113	151956	50.74	ng	#	60
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	409243	48.71	ng		98
8) C811 1,1'-Biphenyl	8.78	154	1049156	48.81	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.85	232	216217	56.18	ng	#	100
11) E510 Atrazine	10.83	200	295495	49.24	ng		84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002500-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26909.RR Calibration Date: 10/02/2008 Time: 08:50

Intrument ID: HP5973X Init. Calib. Date(s): 09/30/2008 09/30/2008

Init. Calib. Times: 09:36 11:30

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.9160	2.0366	0.0500	-6.300	20.00
Bis(2-chloroethyl) ether	1.6490	1.6796	0.0500	-1.800	40.00
2-Chlorophenol	1.3410	1.3766	0.0500	-2.600	40.00
2-Methylphenol	1.3110	1.3338	0.0500	-1.700	40.00
2,2'-Oxybis(1-Chloropropane)	2.1920	2.2027	0.0500	-0.500	40.00
4-Methylphenol	1.3380	1.4081	0.0500	-5.200	40.00
N-Nitroso-Di-n-propylamine	1.2210	1.2784	0.0500	-4.700	40.00
Hexachloroethane	0.6760	0.6809	0.0500	-0.700	40.00
Nitrobenzene	0.5240	0.5547	0.0500	-5.800	40.00
Isophorone	0.8930	0.9261	0.0500	-3.700	40.00
2-Nitrophenol	0.1640	0.1872	0.0500	-14.100	20.00
2,4-Dimethylphenol	0.4380	0.4566	0.0500	-4.200	40.00
Bis(2-chloroethoxy) methane	0.5140	0.5288	0.0500	-2.900	40.00
2,4-Dichlorophenol	0.3160	0.3327	0.0500	-5.300	20.00
Naphthalene	1.0540	1.0488	0.0500	0.500	40.00
4-Chloroaniline	0.4240	0.4289	0.0500	-1.200	40.00
Hexachlorobutadiene	0.2230	0.2337	0.0500	-4.800	20.00
4-Chloro-3-methylphenol	0.3540	0.3768	0.0500	-6.400	20.00
2-Methylnaphthalene	0.6990	0.7199	0.0500	-3.000	40.00
Hexachlorocyclopentadiene	0.4660	0.4412	0.0500	5.300	40.00
2,4,6-Trichlorophenol	0.3730	0.3970	0.0500	-6.400	20.00
2,4,5-Trichlorophenol	0.3980	0.4274	0.0500	-7.400	40.00
2-Chloronaphthalene	1.2030	1.1761	0.0500	2.200	40.00
2-Nitroaniline	0.4320	0.4862	0.0500	-12.500	40.00
Dimethyl phthalate	1.4200	1.4267	0.0500	-0.500	40.00
Acenaphthylene	1.8560	1.8224	0.0500	1.800	40.00
2,6-Dinitrotoluene	0.2880	0.3126	0.0500	-8.500	40.00
3-Nitroaniline	0.3130	0.3345	0.0500	-6.900	40.00
Acenaphthene	1.1340	1.1006	0.0500	2.900	20.00
2,4-Dinitrophenol	0.1090	0.1560	0.0500	-43.100	40.00
4-Nitrophenol	0.2540	0.3126	0.0500	-23.100	40.00
Dibenzofuran	1.7250	1.6953	0.0500	1.700	40.00
2,4-Dinitrotoluene	0.4030	0.4292	0.0500	-6.500	40.00
Diethyl phthalate	1.4130	1.3786	0.0500	2.400	40.00
4-Chlorophenyl phenyl ether	0.6800	0.6831	0.0500	-0.500	40.00
Fluorene	1.4220	1.4252	0.0500	-0.200	40.00
4-Nitroaniline	0.3280	0.3400	0.0500	-3.600	40.00
4,6-Dinitro-2-methylphenol	0.0920	0.1269	0.0500	-37.900	40.00
N-nitrosodiphenylamine	0.5400	0.5346	0.0500	1.000	20.00

25.36 % Drift Using Linear Regression

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002500-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26909.RR Calibration Date: 10/02/2008 Time: 08:50

Intrument ID: HP5973X Init. Calib. Date(s): 09/30/2008 09/30/2008

Init. Calib. Times: 09:36 11:30

16.14 % Drift Using Linear Regression

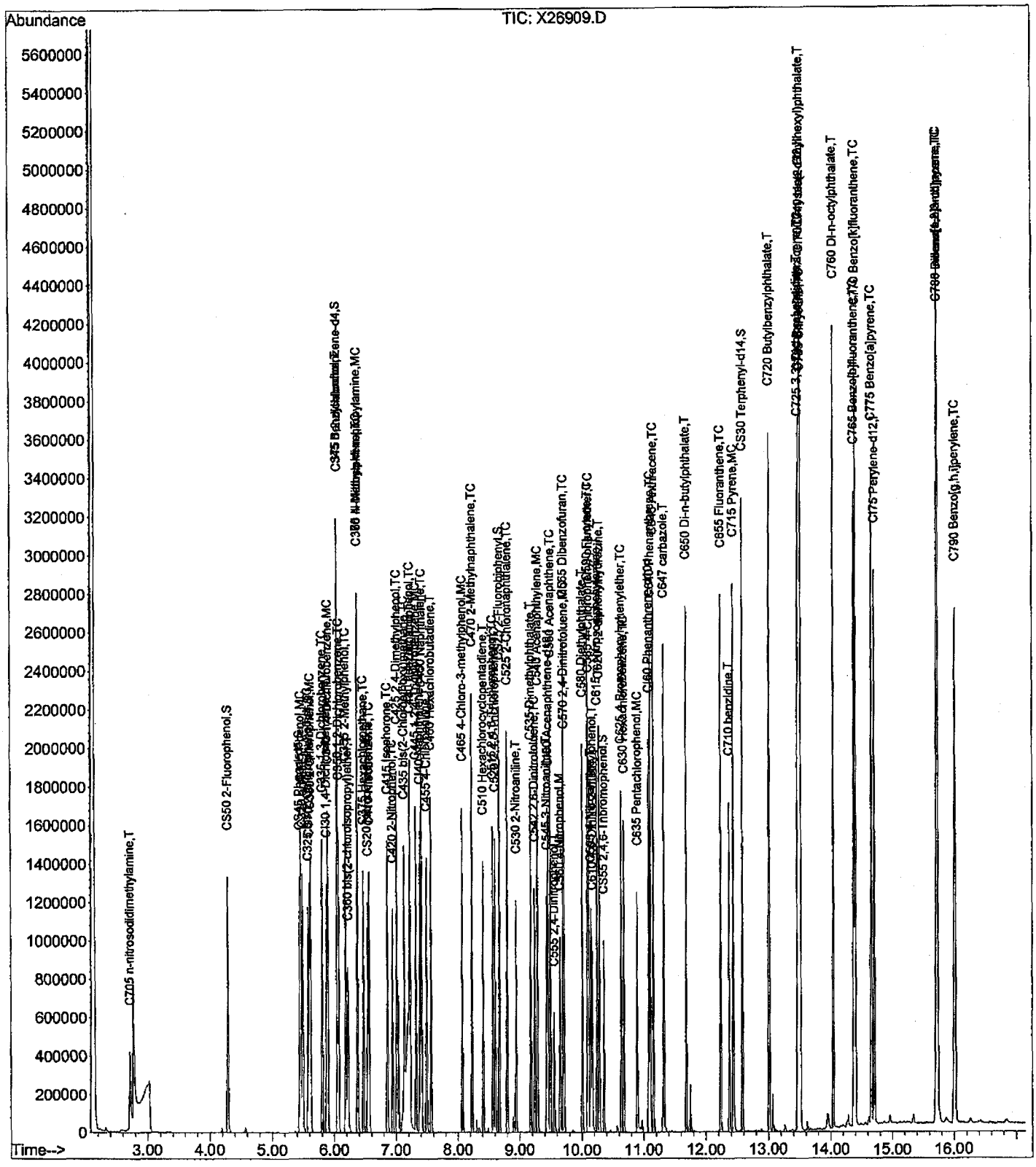
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2120	0.2140	0.0500	-0.900	40.00
Hexachlorobenzene	0.2270	0.2303	0.0500	-1.400	40.00
Pentachlorophenol	0.1160	0.1475	0.0500	-27.200	20.00
Phenanthrene	1.1020	1.1108	0.0500	-0.800	40.00
Anthracene	1.1410	1.1224	0.0500	1.600	40.00
Di-n-butyl phthalate	1.3600	1.3477	0.0500	0.900	40.00
Fluoranthene	1.3640	1.3574	0.0500	0.500	20.00
Pyrene	1.0310	1.0264	0.0500	0.500	40.00
Butyl benzyl phthalate	0.5020	0.5055	0.0500	-0.700	40.00
3,3'-Dichlorobenzidine	0.4780	0.4914	0.0500	-2.800	40.00
Benzo(a)anthracene	1.0790	1.0800	0.0500	-0.100	40.00
Chrysene	1.0270	0.9833	0.0500	4.200	40.00
Bis(2-ethylhexyl) phthalate	0.7460	0.7581	0.0500	-1.600	40.00
Di-n-octyl phthalate	1.3900	1.3495	0.0500	2.900	20.00
Benzo(b)fluoranthene	1.1440	1.0784	0.0500	5.700	40.00
Benzo(k)fluoranthene	0.9530	0.9689	0.0500	-1.700	40.00
Benzo(a)pyrene	1.0000	0.9977	0.0500	0.200	20.00
Indeno(1,2,3-cd)pyrene	1.3380	1.4417	0.0500	-7.800	40.00
Dibenzo(a,h)anthracene	1.1660	1.2507	0.0500	-7.300	40.00
Benzo(ghi)perylene	1.1750	1.2442	0.0500	-5.900	40.00
Carbazole	1.1230	1.0936	0.0500	2.600	100.00
==========	==========	==========	==========	==========	==========
Nitrobenzene-D5	0.5050	0.5301	0.0500	-5.000	40.00
2-Fluorobiphenyl	1.4330	1.4129	0.0500	1.400	40.00
p-Terphenyl-d14	0.7450	0.7542	0.0500	-1.200	40.00
Phenol-D5	1.9640	2.1163	0.0500	-7.800	40.00
2-Fluorophenol	1.5410	1.6184	0.0500	-5.000	40.00
2,4,6-Tribromophenol	0.0910	0.0987	0.0500	-8.500	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26909.D
Acq On : 2 Oct 2008 8:50
Sample : SSTD005
Misc : 8270 A (9-9-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 02 09:09:58 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 22:42:26 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26909.D
Acq On : 2 Oct 2008 8:50
Sample : SSTD005
Misc : 8270 A (9-9-08)
MS Integration Params: rteint.p
Quant Time: Oct 02 09:09:58 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 22:42:26 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100108\X26899.D (1 Oct 2008 13:16)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	172655	40.00	ng	0.01 64.82%
20) CI40 Naphthalene-d8	7.39	136	602368	40.00	ng	0.01 64.14%
35) CI50 Acenaphthene-d10	9.46	164	344134	40.00	ng	0.01 63.59%
56) CI60 Phenanthrene-d10	11.09	188	628987	40.00	ng	0.00 62.75%
68) CI70 Chrysene-d12	13.50	240	866428	40.00	ng	0.00 64.45%
78) CI75 Perylene-d12	14.71	264	1174858	40.00	ng	0.00 69.26%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.29	112	349271	52.49	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 34.99%			
5) CS45 Phenol-d5	5.45	99	456740	53.88	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.92%			
6) CS70 2-chlorophenol-d4	5.60	132	294846	51.95	ng	0.01
Spiked Amount 150.000	Range 33 - 110		Recovery = 34.63%			
12) CS75 1,2-dichlorobenzene-d	6.06	152	186551	50.11	ng	0.01
Spiked Amount 100.000	Range 16 - 110		Recovery = 50.11%			
21) CS20 Nitrobenzene-d5	6.54	82	399119	52.53	ng	0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 52.53%			
39) CS25 2-Fluorobiphenyl	8.67	172	607792	49.30	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.30%			
59) CS55 2,4,6-Tribromophenol	10.36	330	77577	50.71	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 33.81%			
71) CS30 Terphenyl-d14	12.59	244	816861	50.59	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 50.59%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	227465	51.97	ng	91
4) C325 bis(2-Chloroethyl)eth	5.58	93	362487	50.92	ng	# 73
7) C315 Phenol	5.46	94	439546	53.14	ng	96
8) C330 2-Chlorophenol	5.62	128	297101	51.33	ng	# 81
9) C320 aniline	5.49	93	584360	51.49	ng	87
10) C335 1,3-Dichlorobenzene	5.81	146	341617	50.51	ng	98
11) C340 1,4-Dichlorobenzene	5.90	146	341026	49.93	ng	99
13) C350 1,2-Dichlorobenzene	6.08	146	309636	48.70	ng	99
14) C345 Benzyl alcohol	6.06	108	234290	54.45	ng	89
15) C360 bis(2-chloroisopropyl	6.23	45	475381	50.26	ng	89
16) C355 2-Methylphenol	6.19	108	287851	50.86	ng	97
17) C375 Hexachloroethane	6.47	117	146955	50.39	ng	90
18) C370 N-Nitroso-di-n-propyl	6.38	70	275895	52.34	ng	# 68
19) C365 4-Methylphenol	6.38	108	303903	52.62	ng	93
22) C410 Nitrobenzene	6.57	77	417666	52.98	ng	100
23) C415 Isophorone	6.86	82	697334	51.86	ng	98
24) C430 benzoic acid	7.22	122	521417	188.72	ng	# 84
25) C420 2-Nitrophenol	6.94	139	140959	57.02	ng	# 79
26) C425 2,4-Dimethylphenol	7.01	107	343771	52.09	ng	86
27) C435 bis(2-Chloroethoxy)me	7.13	93	398165	51.41	ng	99
28) C440 2,4-Dichlorophenol	7.23	162	250478	52.59	ng	99

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26909.D
Acq On : 2 Oct 2008 8:50
Sample : SSTD005
Misc : 8270 A (9-9-08)
MS Integration Params: rteint.p
Quant Time: Oct 02 09:09:58 2008

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Sep 30 22:42:26 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100108\X26899.D (1 Oct 2008 13:16)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	257376	50.46 ng		93
30) C450 Naphthalene	7.41	128	789712	49.78 ng		99
31) C455 4-Chloroaniline	7.49	127	322967	50.55 ng		99
32) C460 Hexachlorobutadiene	7.56	225	175982	52.35 ng		98
33) C465 4-Chloro-3-methylphen	8.07	107	283707	53.18 ng		88
34) C470 2-Methylnaphthalene	8.23	142	542085	51.49 ng		98
36) C510 Hexachlorocyclopentad	8.41	237	189788	47.29 ng		93
37) C515 2,4,6-Trichlorophenol	8.57	196	170781	53.20 ng		99
38) C520 2,4,5-Trichlorophenol	8.61	196	183848	53.75 ng		99
40) C525 2-Chloronaphthalene	8.80	162	505913	48.89 ng		96
41) C530 2-Nitroaniline	8.95	65	209132	56.21 ng		92
42) C540 Acenaphthylene	9.29	152	783934	49.10 ng		96
43) C535 Dimethylphthalate	9.18	163	613709	50.23 ng		99
44) C542 2,6-Dinitrotoluene	9.25	165	134465	54.26 ng		90
45) C550 Acenaphthene	9.50	153	473439	48.51 ng		98
46) C545 3-Nitroaniline	9.44	138	143893	53.36 ng		90
47) C555 2,4-Dinitrophenol	9.56	184	67119	62.68 ng	#	60
48) C565 Dibenzofuran	9.71	168	729264	49.13 ng		85
49) C570 2,4-Dinitrotoluene	9.72	165	184642	50.17 ng	#	67
50) C560 4-Nitrophenol	9.65	109	134478	57.03 ng	#	32
51) C590 Fluorene	10.10	166	613059	50.12 ng		97
52) C585 4-Chlorophenyl-phenyl	10.11	204	293834	50.26 ng		85
53) C580 Diethylphthalate	10.01	149	593047	48.77 ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	781380	49.81 ng		93
55) C595 4-Nitroaniline	10.15	138	146265	51.81 ng	#	54
57) C610 4,6-Dinitro-2-methylp	10.17	198	99751	59.83 ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	420294	49.47 ng		94
60) C625 4-Bromophenyl-phenyle	10.64	248	168282	50.59 ng	#	76
61) C630 Hexachlorobenzene	10.68	284	181073	50.65 ng		80
62) C635 Pentachlorophenol	10.90	266	115946	58.07 ng		99
63) C640 Phenanthrene	11.11	178	873328	50.38 ng		99
64) C645 Anthracene	11.16	178	882492	49.19 ng		99
65) C647 carbazole	11.33	167	859808	48.71 ng		96
66) C650 Di-n-butylphthalate	11.69	149	1059633	49.56 ng		98
67) C655 Fluoranthene	12.24	202	1067223	49.77 ng		81
69) C715 Pyrene	12.44	202	1111635	49.80 ng		78
70) C710 benzidine	12.37	184	492606	39.99 ng		99
72) C720 Butylbenzylphthalate	13.02	149	547482	50.38 ng		88
73) C725 3,3'-Dichlorobenzidin	13.47	252	532215	51.37 ng		97
74) C730 Benzo[a]anthracene	13.48	228	1169707	50.05 ng		97
75) C735 Chrysene	13.52	228	1064932	47.90 ng		98
76) C740 bis(2-Ethylhexyl)phth	13.51	149	821027	50.81 ng		96
77) C760 Di-n-octylphthalate	14.05	149	1461558	48.53 ng		100
79) C765 Benzo[b]fluoranthene	14.38	252	1583737	47.15 ng		94
80) C770 Benzo[k]fluoranthene	14.40	252	1422937	50.85 ng		96
81) C775 Benzo[a]pyrene	14.67	252	1465218	49.90 ng		96
82) C780 Indeno[1,2,3-cd]pyren	15.73	276	2117244	53.86 ng		81
83) C785 Dibenz[a,h]anthracene	15.74	278	1836776	53.61 ng		93
84) C790 Benzo[g,h,i]perylene	16.02	276	1827183	52.92 ng		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SEMIVOLATILE 3RD ED: 6PT
CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: EEMC MSPA Lab Samp ID: A8C0002500-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: B653

Lab File Id: X26910.RR Calibration Date: 10/02/2008 Time: 09:13

Intrument ID: HP5973X Init. Calib. Date(s): 09/30/2008 09/30/2008

Init. Calib. Times: 11:53 13:47

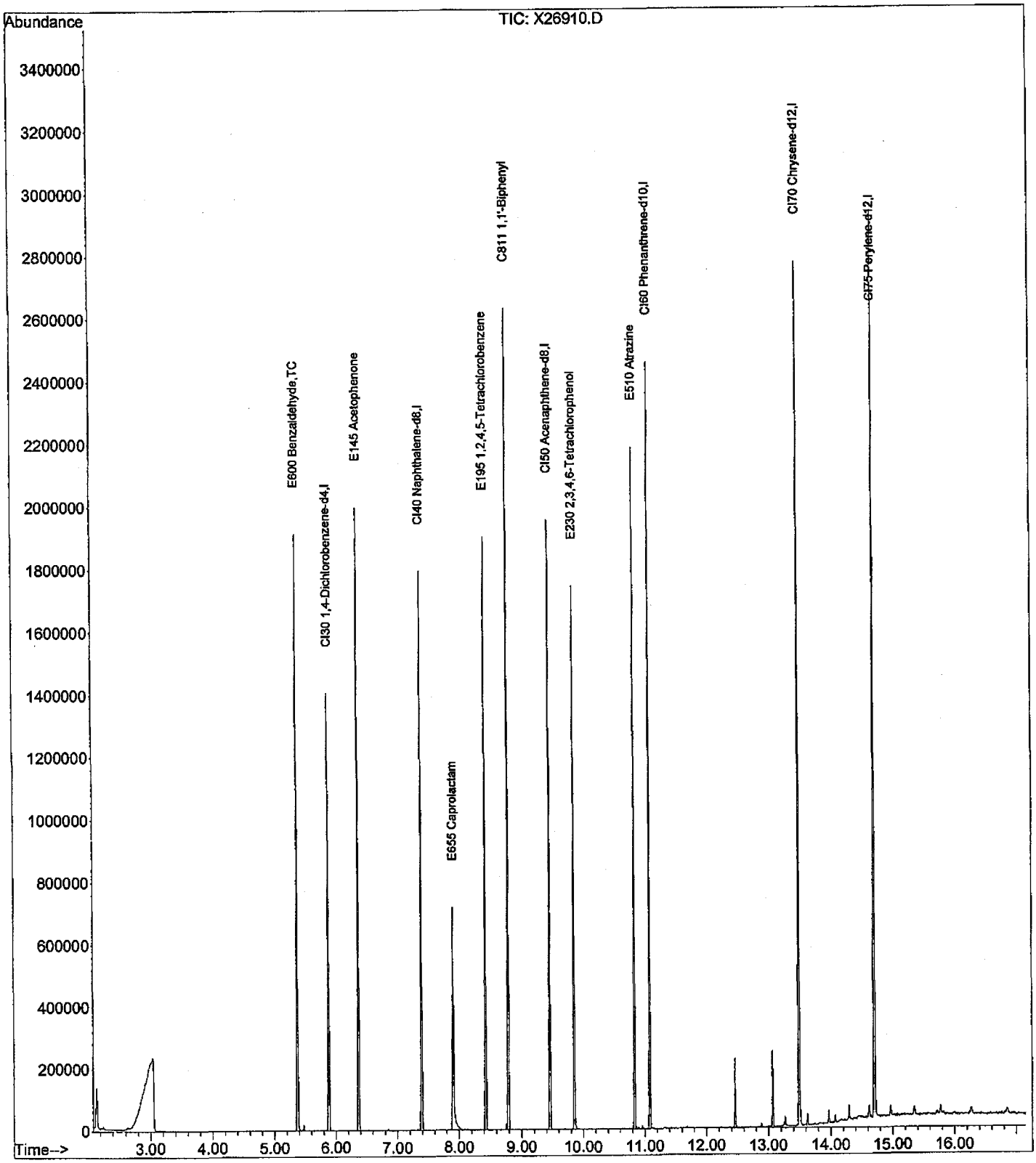
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1100	0.1236	0.0500	-12.400	40.00
Atrazine	0.2300	0.2260	0.0500	1.700	40.00
Acetophenone	2.3080	2.2630	0.0500	1.900	40.00
Biphenyl	1.5660	1.5100	0.0500	3.600	40.00
Benzaldehyde	1.6480	1.6702	0.0500	-1.300	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26910.D
Acq On : 2 Oct 2008 9:13
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 02 09:34:36 2008 Results File: A8I0722.RES
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 22:43:42 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26910.D
Acq On : 2 Oct 2008 9:13
Sample : SSTD050
Misc : TCLADDS(8-8-08)
MS Integration Params: rteint.p
Quant Time: Oct 02 09:34:36 2008

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 22:43:42 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	194635	40.00	ng		0.02 83.64%
4) CI40 Naphthalene-d8	7.39	136	700093	40.00	ng		0.01 83.17%
7) CI50 Acenaphthene-d8	9.45	164	424932	40.00	ng		0.00 93.91%
10) CI60 Phenanthrene-d10	11.08	188	802817	40.00	ng		0.00 97.80%
12) CI70 Chrysene-d12	13.50	240	856849	40.00	ng		0.00 87.34%
13) CI75 Perylene-d12	14.71	264	1034963	40.00	ng		0.00 85.16%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.37	77	406342	50.67	ng		91
3) E145 Acetophenone	6.37	105	550583	49.03	ng		92
5) E655 Caprolactam	7.91	113	108139	52.09	ng	#	55
6) E195 1,2,4,5-Tetrachlorobe	8.43	216	308211	53.02	ng		99
8) C811 1,1'-Biphenyl	8.79	154	802053	48.23	ng		97
9) E230 2,3,4,6-Tetrachloroph	9.85	232	171120	57.37	ng	#	100
11) E510 Atrazine	10.83	200	226778	49.03	ng		83

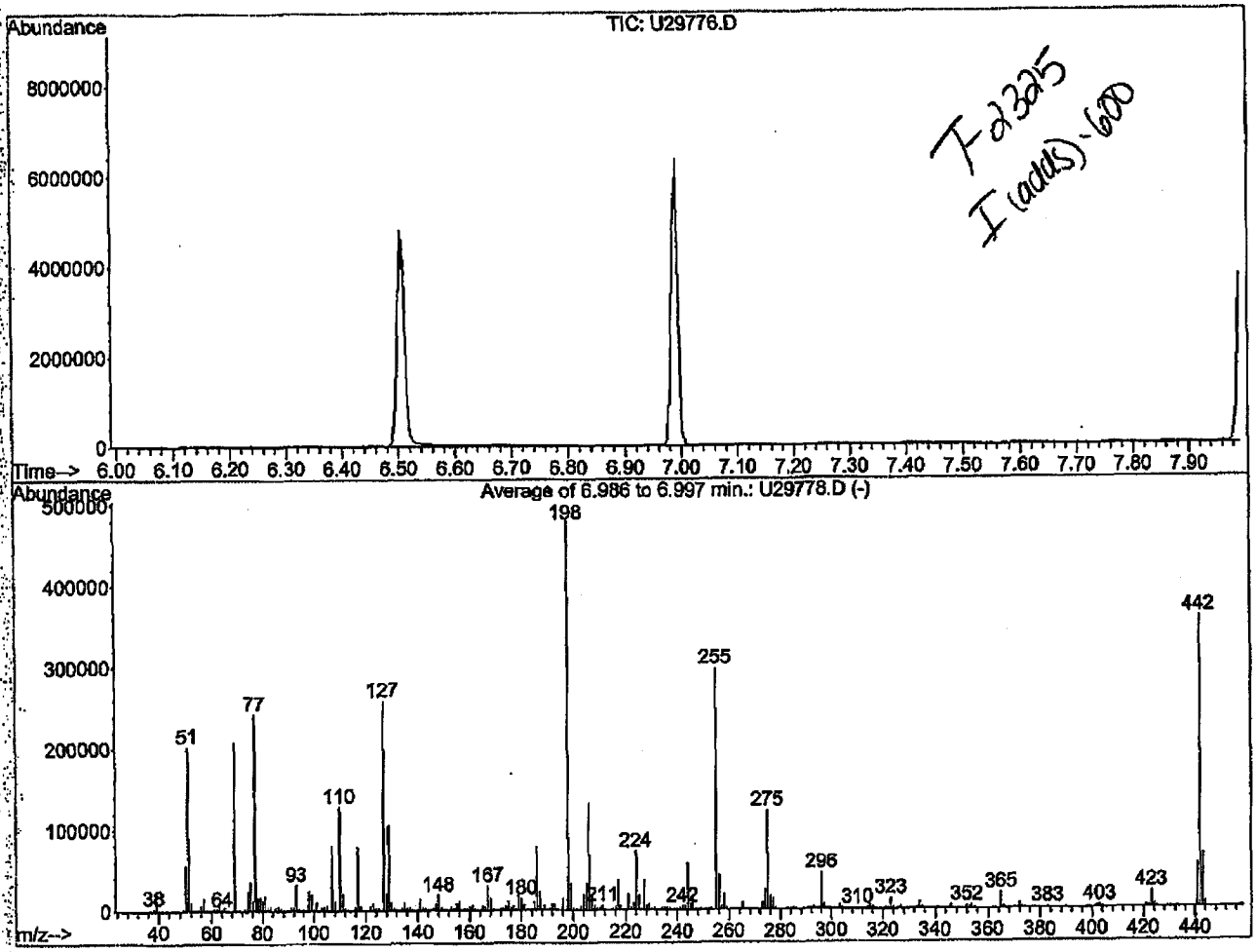
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Raw QC Data

DFTPP Tune Evaluation

Data File : D:\DATA\081108\U29776.D
Acq On : 11 Aug 2008 8:40
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00



Peak Apex is scan: 492 (6.99 min)
Average of 3 scans: 491,492,493 minus background scan 472 (6.88 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	42.2	202326	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	43.3	207479	PASS
70	69	0	2	0.7	1353	PASS
127	198	40	60	54.0	259042	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	479381	PASS
199	198	5	9	6.8	32416	PASS
275	198	10	30	25.5	122101	PASS
365	198	1	100	4.0	19102	PASS
441	198	0	100	11.3	54309	PASS
442	198	40	110	74.9	358890	PASS
443	442	17	23	18.6	66578	PASS

U29776.D TUNE.M Mon Aug 11 08:52:34 2008 HP5973U

Average of 6.986 to 6.997 min.: U29776.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.05	2578	68.95	207479	85.00	3103	105.00	6261
39.05	14455	74.00	23665	85.95	5674	107.00	80176
50.05	55722	75.00	35377	87.00	2553	108.00	12001
51.05	202326	76.10	12822	91.00	4129	110.00	128440
52.05	10284	77.05	242554	92.05	5035	111.00	20748
56.00	6498	78.05	16127	93.00	31368	112.00	2724
57.00	14633	79.00	16777	98.00	23568	116.05	4721
61.05	2589	80.00	12830	99.00	19047	117.00	78386
62.05	2974	81.00	18156	101.00	9254	118.00	5914
63.05	8890	82.00	4771	102.95	3094	122.00	5407
65.05	4026	83.00	4381	104.00	5793	123.00	8557

Average of 6.986 to 6.997 min.: U29776.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
124.00	4167	142.05	4519	160.00	4821	177.00	5336
125.05	3564	143.00	3012	161.00	5851	179.00	21425
127.00	259042	146.00	2566	165.00	5486	180.00	14284
128.00	20816	147.00	8049	166.00	4769	181.00	6658
129.00	105250	148.00	18626	167.00	29779	185.00	10313
130.00	9332	149.00	3853	168.00	14910	186.00	77530
134.00	3411	153.00	4548	169.00	2445	187.00	21982
135.00	8950	154.00	3102	173.00	3450	189.00	5428
136.00	3419	155.00	8086	174.00	5204	191.00	2685
137.05	4797	156.05	11092	175.00	11084	192.00	7257
141.00	14106	157.95	2496	176.05	3317	193.00	7366

Average of 6.986 to 6.997 min.: U29776.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
196.00	13957	217.00	36328	235.00	2581	258.00	19604
198.00	479381	218.00	4552	237.00	2697	259.00	2557
199.00	32416	221.00	19383	242.00	3933	265.00	8266
203.00	4177	221.80	3422	243.05	4384	273.00	8395
204.00	20092	223.00	8244	244.00	56925	274.00	24090
205.00	33362	224.00	71885	245.00	7308	275.00	122101
206.00	131162	225.00	18263	246.00	13246	276.00	16722
207.05	17228	227.00	36042	246.95	2654	277.00	12890
208.00	5102	228.00	4949	255.00	297301	293.00	2711
211.00	5211	229.00	6842	256.00	42949	296.00	44568
216.05	3696	231.00	2541	257.05	3636	297.00	5721

Average of 6.986 to 6.997 min.: U29776.D
DFTPP050
Modified:subtracted

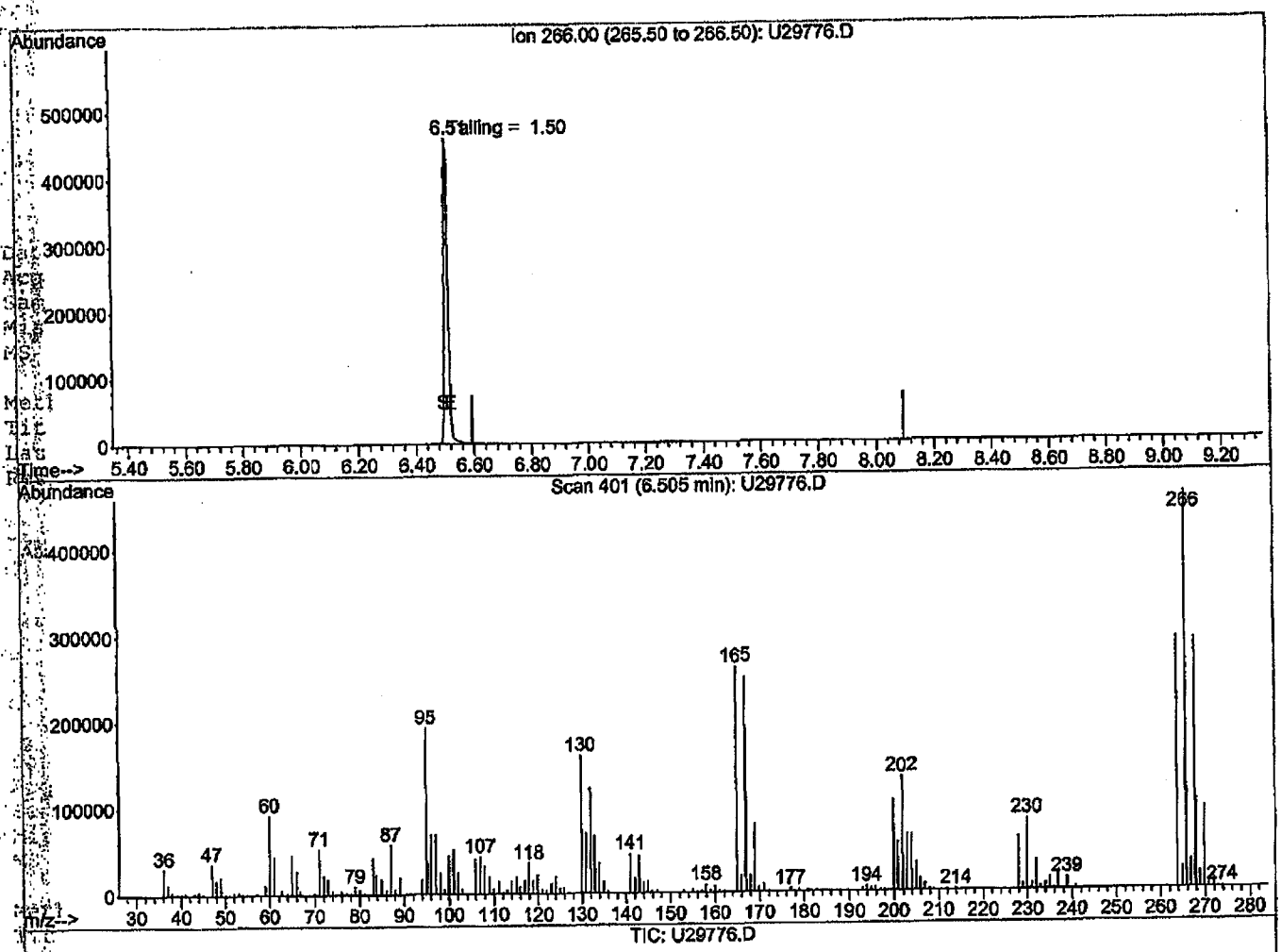
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
303.05	4278	372.00	6182				
314.95	4682	401.95	2632				
316.00	2401	403.00	3247				
323.00	12602	420.95	3019				
326.95	2494	423.00	19707				
334.00	8056	423.95	4560				
345.95	3085	441.00	54309				
351.95	3431	442.00	358890				
354.00	3584	443.00	66578				
364.95	19102	444.00	6369				
366.00	2413						

Quantitation Report

Data File : D:\DATA\081108\U29776.D
Acq On : 11 Aug 2008 8:40
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Aug 05 16:33:00 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.34min

response 0

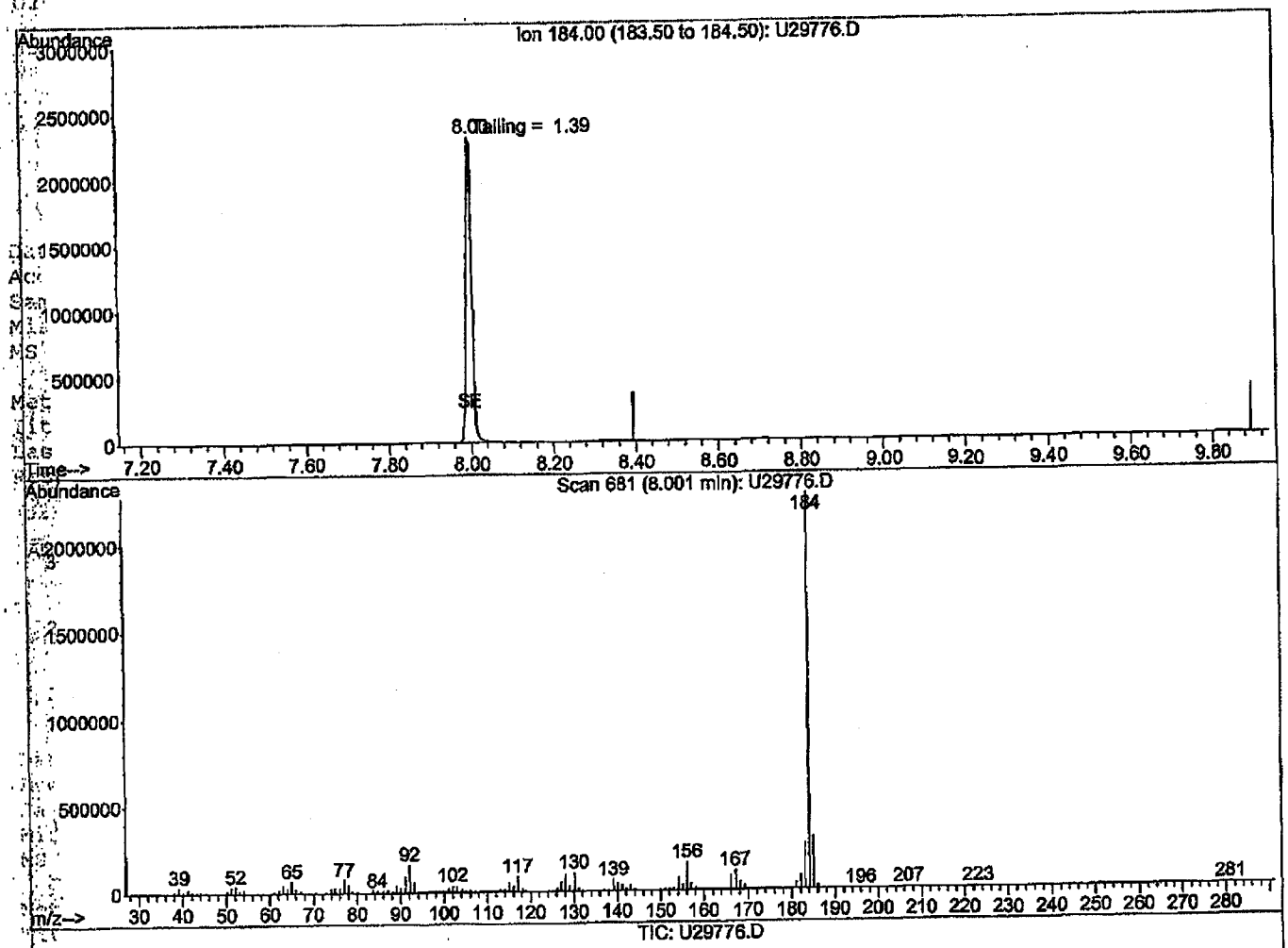
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\081108\U29776.D
Acq On : 11 Aug 2008 8:40
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Aug 05 16:33:00 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 9.14min

response 0

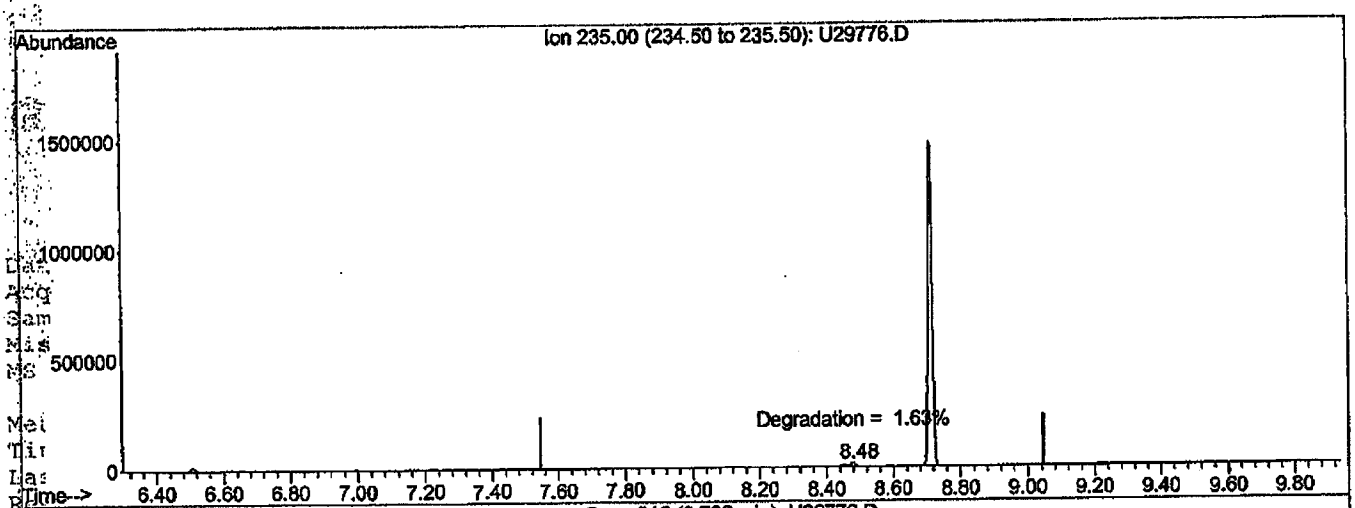
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

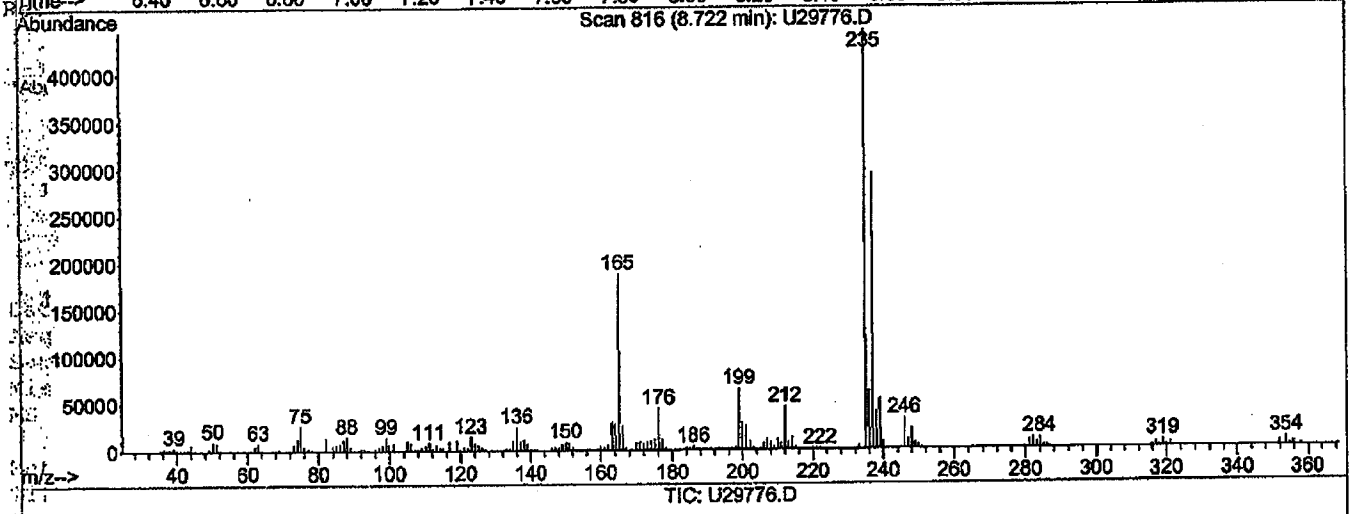
Quantitation Report

Data File : D:\DATA\081108\U29776.D
Acq On : 11 Aug 2008 8:40
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Aug 05 16:33:00 2008
Response via : Initial Calibration





TIC: U29776.D

(3) 4-4DDT

Exp R.T. 8.29min

response 0

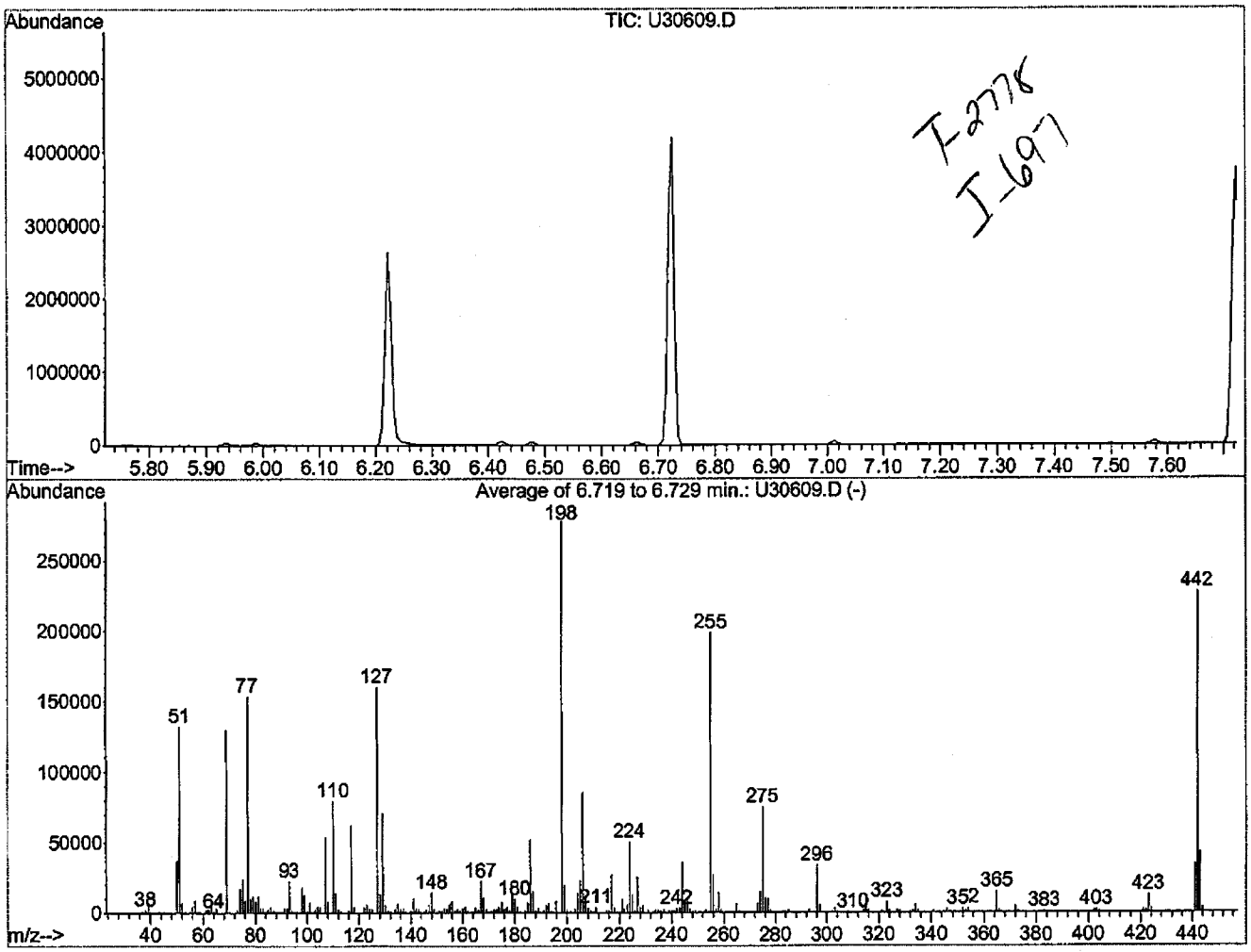
Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

U29776.D TUNE.M Mon Aug 11 08:52:58 2008 HP5973U

DFTPP Tune Evaluation

Data File : D:\DATA\092208\U30609.D
Acq On : 22 Sep 2008 8:58
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00



Peak Apex is scan: 442 (6.72 min)
Average of 3 scans: 441,442,443 minus background scan 422 (6.62 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	47.5	131928	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	46.7	129805	PASS
70	69	0	2	0.5	674	PASS
127	198	40	60	57.5	159805	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	277845	PASS
199	198	5	9	7.0	19582	PASS
275	198	10	30	27.0	75021	PASS
365	198	1	100	5.4	14907	PASS
441	198	0	100	12.4	34320	PASS
442	198	40	110	81.9	227477	PASS
443	442	17	23	18.7	42458	PASS

U30609.D TUNE.M Mon Sep 22 09:10:44 2008 HP5973U

Average of 6.719 to 6.729 min.: U30609.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	1996	69.00	129805	83.00	2769	104.00	4472
39.10	9265	73.00	1566	85.00	1925	105.00	4225
50.10	36937	74.05	16920	86.00	4096	107.00	53845
51.10	131928	75.00	23806	87.00	1769	108.00	8016
52.00	6772	76.10	8313	91.05	2915	110.00	79664
56.05	3987	77.10	153370	92.00	3022	111.00	14133
57.05	8412	78.05	9721	93.00	22317	112.00	1963
61.10	1662	79.00	11588	98.00	17779	115.90	1775
62.05	2037	80.00	8214	99.00	12451	117.00	62077
63.05	6304	81.00	11677	101.00	6901	118.00	4105
65.05	2636	82.00	2934	103.05	1947	122.00	3865

Average of 6.719 to 6.729 min.: U30609.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
123.00	5418	137.00	3293	156.05	8105	174.05	3771
124.00	2733	141.00	10139	158.00	2012	175.00	7397
125.00	2307	142.00	2836	160.05	3135	176.05	2110
127.00	159805	143.00	2408	161.00	4363	177.00	3730
128.00	13066	145.95	1824	165.00	3531	178.00	1530
129.00	70290	147.00	5498	166.10	1729	179.00	13948
130.00	5523	148.00	14088	167.00	22309	180.00	9669
131.00	1430	149.00	2532	168.00	10556	181.00	4197
134.00	2463	152.95	2747	169.10	1897	185.00	6950
135.00	6260	154.00	2297	172.05	1912	186.00	51885
135.95	2811	155.00	5782	173.05	2200	187.00	15150

Average of 6.719 to 6.729 min.: U30609.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
188.00	1699	205.00	22616	225.00	12744	246.00	9550
189.00	3678	206.00	85477	227.00	25404	247.00	2279
190.95	1764	207.05	12139	228.00	4020	253.05	1435
192.00	5039	208.05	3402	229.00	4881	255.00	198682
193.05	6410	211.00	3589	234.00	1668	256.00	26958
195.95	7873	217.00	26941	235.00	1750	257.00	2319
198.00	277845	218.00	3649	237.05	1917	258.00	14260
199.00	19582	221.00	9607	242.00	2758	258.95	2332
200.00	1624	221.80	2767	243.05	3387	264.95	6033
203.00	2828	223.00	5669	244.00	35813	273.00	6293
204.00	14052	224.00	50424	245.00	5703	274.00	14959

Average of 6.719 to 6.729 min.: U30609.D
DFTPP050
Modified:subtracted

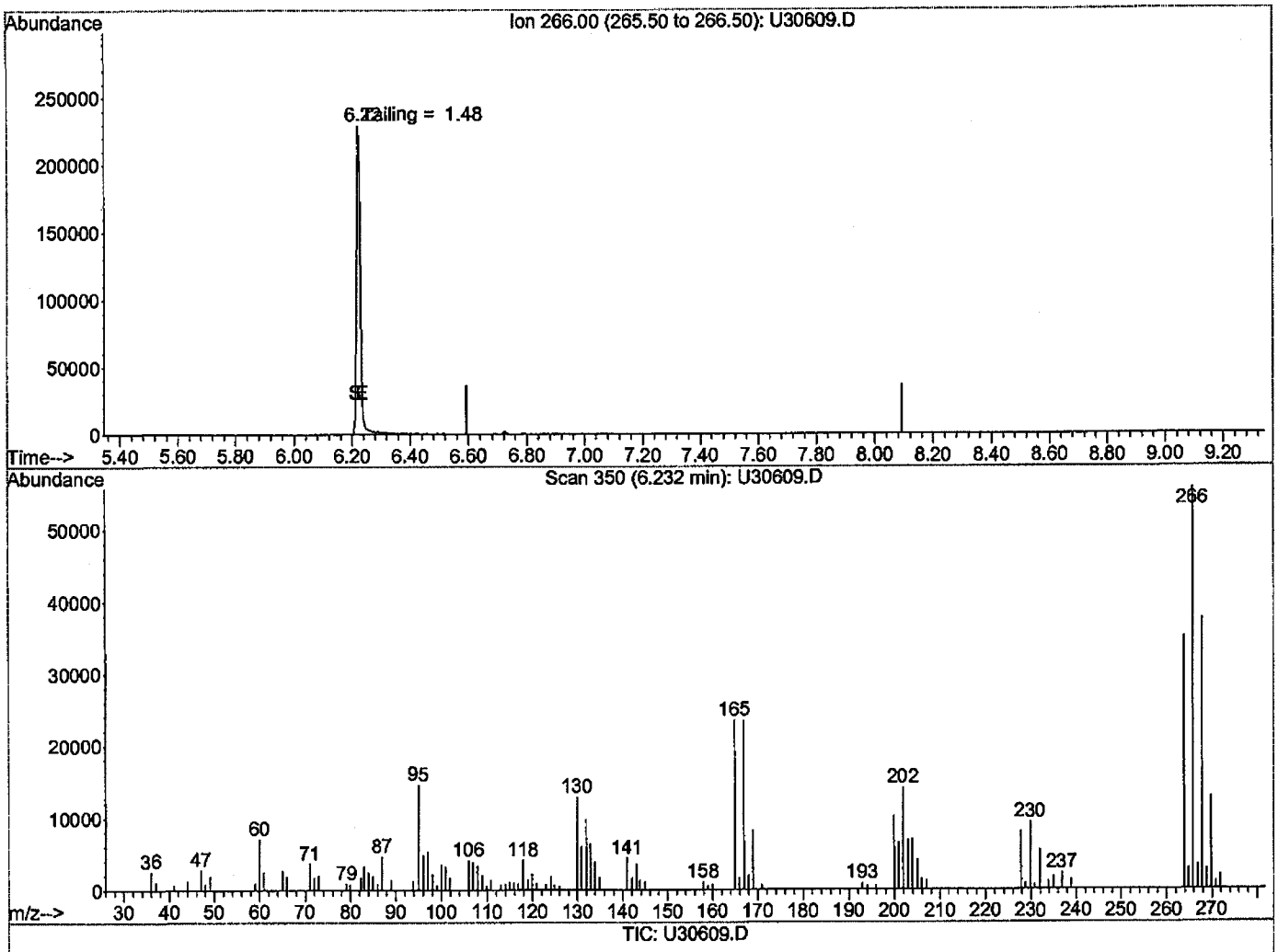
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
275.00	75021	315.95	1622	365.90	2284	444.00	3641
276.00	10186	323.00	7624	372.00	4374		
277.00	9538	324.00	1572	402.00	1688		
277.95	1503	326.95	1693	402.95	2096		
285.05	1448	334.00	5300	421.00	2010		
293.00	2130	334.95	1479	421.95	1765		
296.00	33442	345.95	2063	423.00	12360		
297.00	4977	352.00	2555	423.95	3139		
303.00	3239	353.00	1826	441.00	34320		
314.00	1610	354.00	2621	442.00	227477		
314.95	3833	364.95	14907	443.00	42458		

Quantitation Report

Data File : D:\DATA\092208\U30609.D
Acq On : 22 Sep 2008 8:58
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.34min

response 0

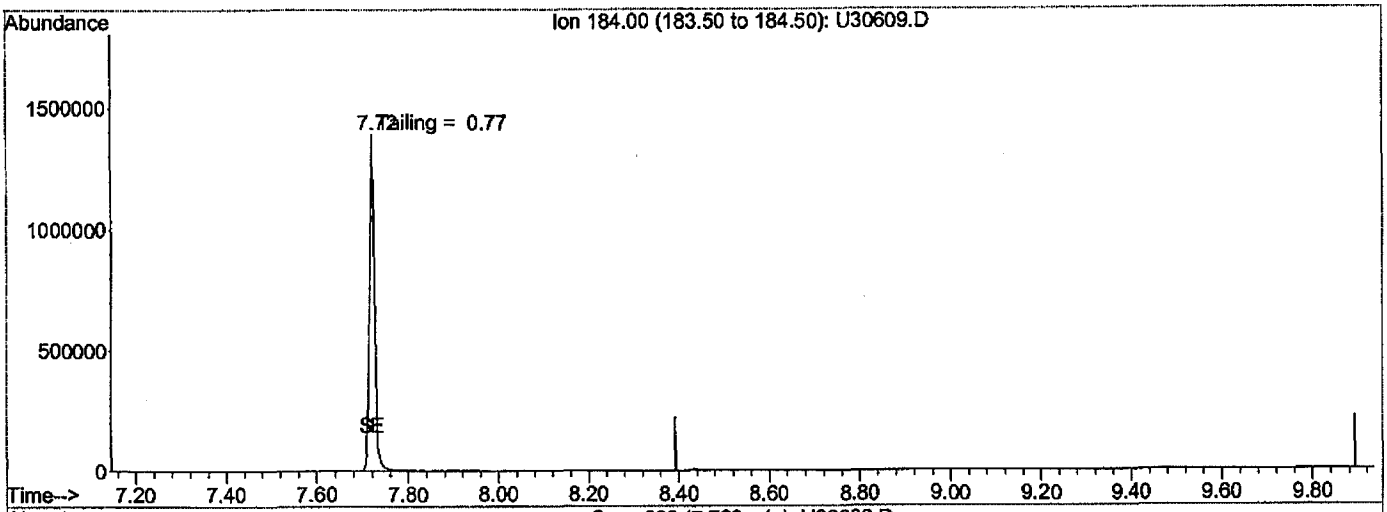
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

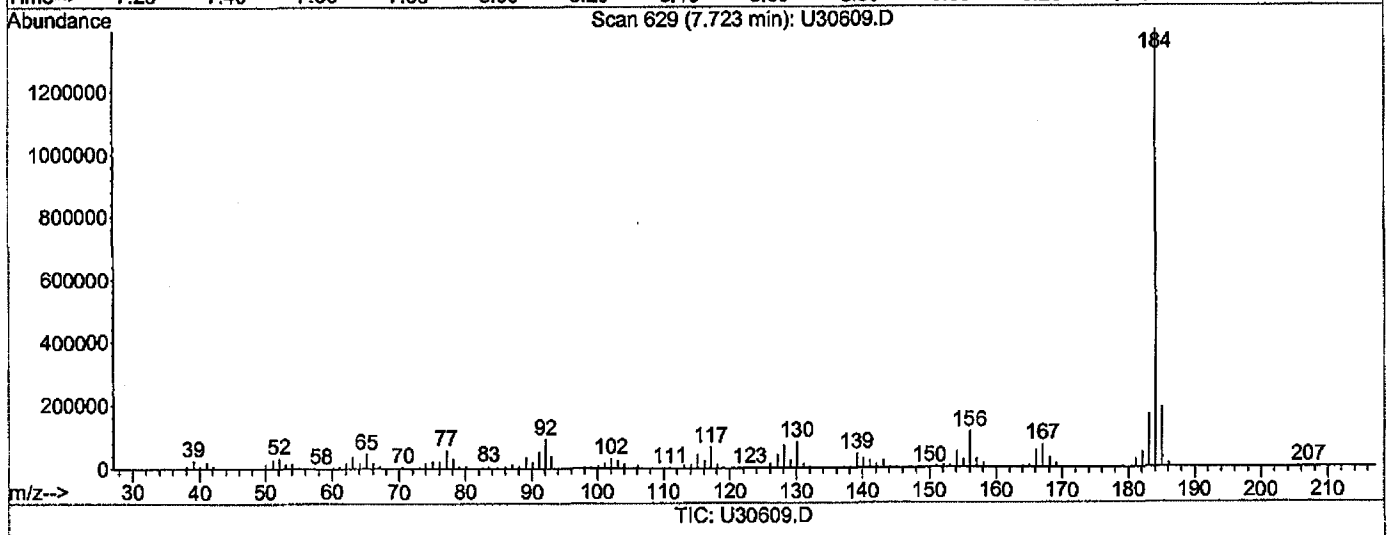
Quantitation Report

Data File : D:\DATA\092208\U30609.D
Acq On : 22 Sep 2008 8:58
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration





TIC: U30609.D

(2) Benzidine

Exp R.T. 9.14min

response 0

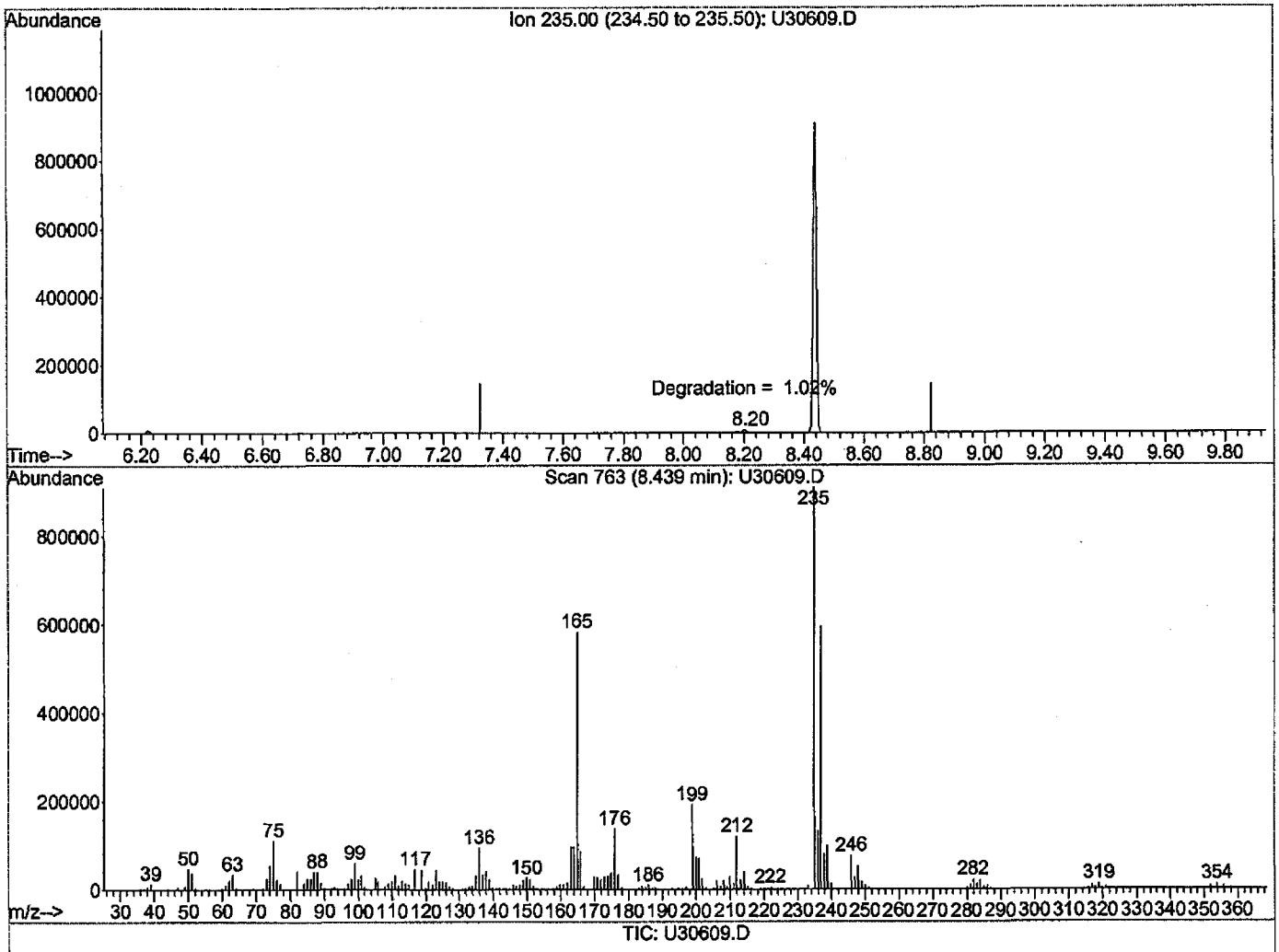
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\092208\U30609.D
Acq On : 22 Sep 2008 8:58
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.07min

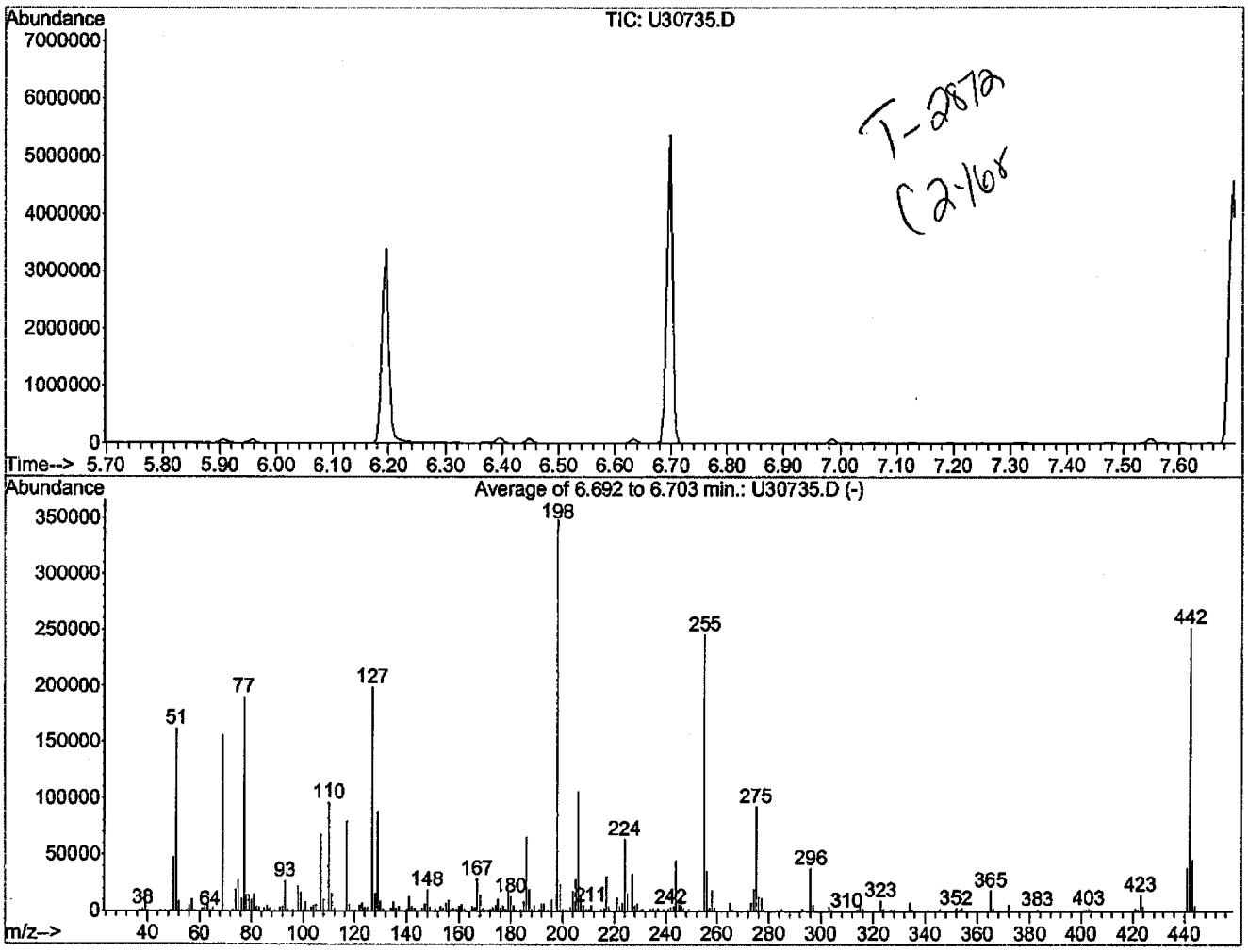
response 0

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\092908\U30735.D
Acq On : 29 Sep 2008 14:09
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00



Peak Apex is scan: 437 (6.70 min)
Average of 3 scans: 436,437,438 minus background scan 417 (6.59 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	46.4	161568	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	44.7	155565	PASS
70	69	0	2	0.6	885	PASS
127	198	40	60	57.1	198840	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	348266	PASS
199	198	5	9	6.9	23887	PASS
275	198	10	30	26.6	92528	PASS
365	198	1	100	5.3	18381	PASS
441	198	0	100	11.0	38436	PASS
442	198	40	110	72.3	251658	PASS
443	442	17	23	18.0	45298	PASS

U30735.D TUNE.M Mon Sep 29 14:19:49 2008 HP5973U

Average of 6.692 to 6.703 min.: U30735.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.15	2313	69.00	155565	85.00	2526	104.00	5120
39.10	11071	74.05	19269	86.00	5042	105.00	5256
50.10	47656	75.00	27561	87.05	2130	107.00	67325
51.10	161568	76.10	10925	91.00	3407	108.00	10466
52.05	8326	77.10	189725	92.05	3896	110.00	95866
56.10	4463	78.10	13867	93.00	26885	111.00	16125
57.00	10431	79.00	14353	94.05	1810	112.00	2528
61.10	2238	80.00	10353	98.00	22125	117.00	79488
62.05	2829	81.00	14867	99.00	16630	118.00	5536
63.10	6686	82.00	3553	101.00	7930	122.00	4895
65.10	3014	83.00	3355	103.00	3081	123.00	7272

Average of 6.692 to 6.703 min.: U30735.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
124.00	3481	142.00	3855	157.95	2266	174.05	5117
125.00	2852	143.00	2853	158.95	2127	175.00	10230
127.00	198840	146.00	2314	160.00	4103	176.05	2263
128.00	15994	147.00	6836	161.00	5800	176.95	4481
129.00	88045	148.00	18660	165.00	4150	179.00	18591
130.00	8617	149.00	3357	166.00	3624	180.00	13242
134.00	2682	153.00	3877	167.00	28853	181.00	5077
135.00	7951	154.05	2634	168.00	14494	185.00	8594
136.00	2947	155.00	6984	169.05	2101	186.00	65666
137.00	4331	156.00	9947	171.95	2081	187.00	19177
141.00	12539	157.00	1832	173.00	3040	188.00	2222

Average of 6.692 to 6.703 min.: U30735.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
189.00	4644	206.00	106021	224.00	63736	244.00	45184
191.00	2055	207.00	13608	225.00	16282	245.05	6050
192.00	6522	208.00	4724	227.00	33381	246.00	11904
193.00	6605	210.10	2126	228.00	4678	247.00	2363
196.00	10221	211.00	4867	229.00	6348	255.00	245866
198.00	348266	216.10	2951	231.00	1969	256.00	36216
199.00	23887	217.00	31266	234.00	2087	257.00	2895
200.00	1785	218.00	4002	234.95	2292	258.00	18568
203.00	3670	221.00	11942	236.95	2398	259.00	2811
204.00	17612	222.00	3987	242.00	3605	265.00	7564
205.05	28301	223.00	7256	243.05	4366	273.00	7596

Average of 6.692 to 6.703 min.: U30735.D
DFTPP050
Modified:subtracted

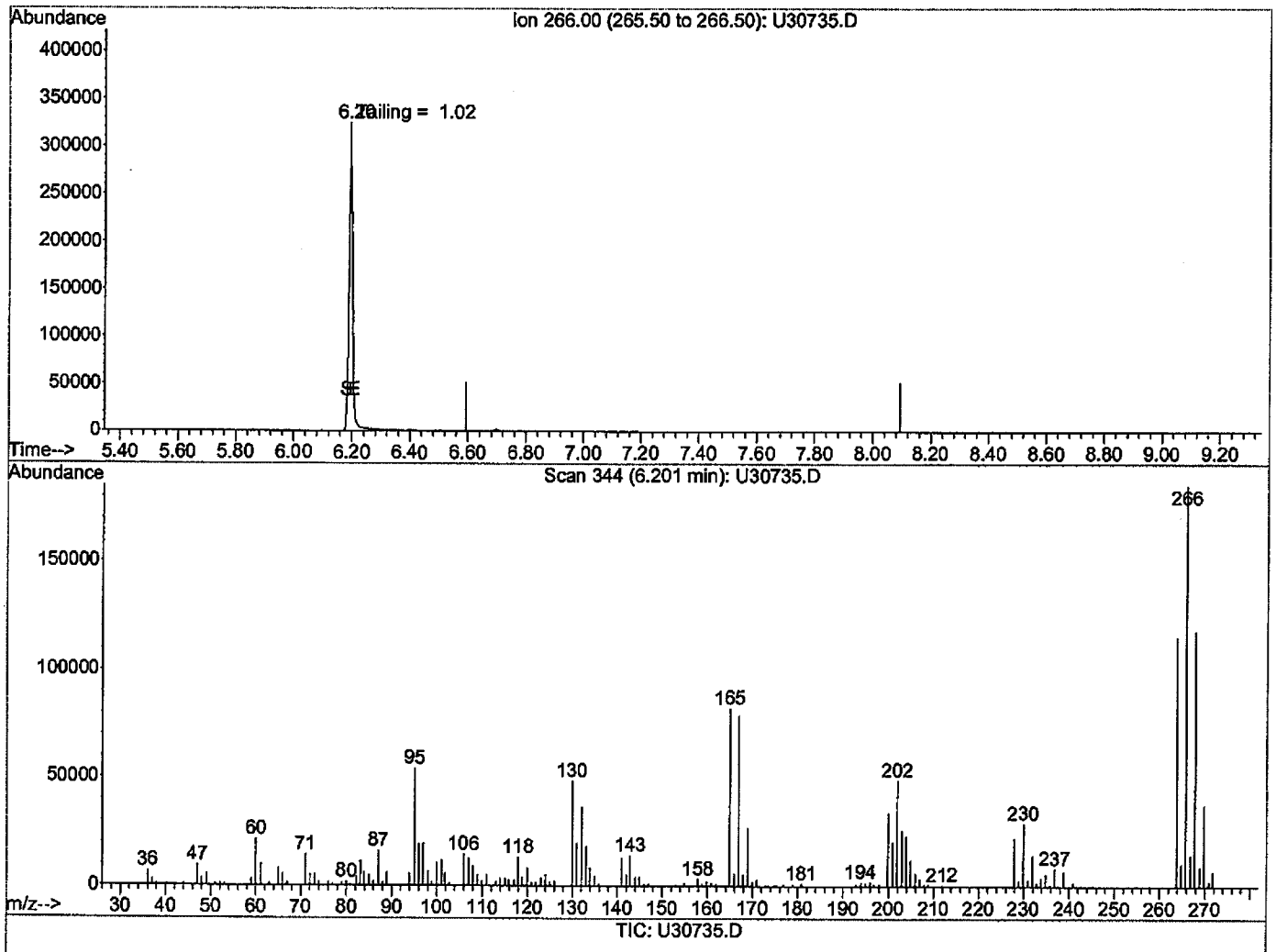
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
274.00	19742	316.00	1787	401.95	1884		
275.00	92528	323.00	9338	402.95	2191		
276.00	12531	324.05	1759	421.00	2222		
277.00	11865	334.00	7232	421.95	1966		
277.95	1957	345.90	2077	423.00	14183		
285.00	1801	352.00	2616	423.95	3855		
293.00	2509	353.00	1936	441.00	38436		
296.00	37922	354.00	2806	442.00	251658		
297.00	5476	365.00	18381	443.00	45298		
303.00	3908	365.95	2389	443.95	4393		
315.00	4473	372.00	5272				

Quantitation Report

Data File : D:\DATA\092908\U30735.D
Acq On : 29 Sep 2008 14:09
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.34min

response 0

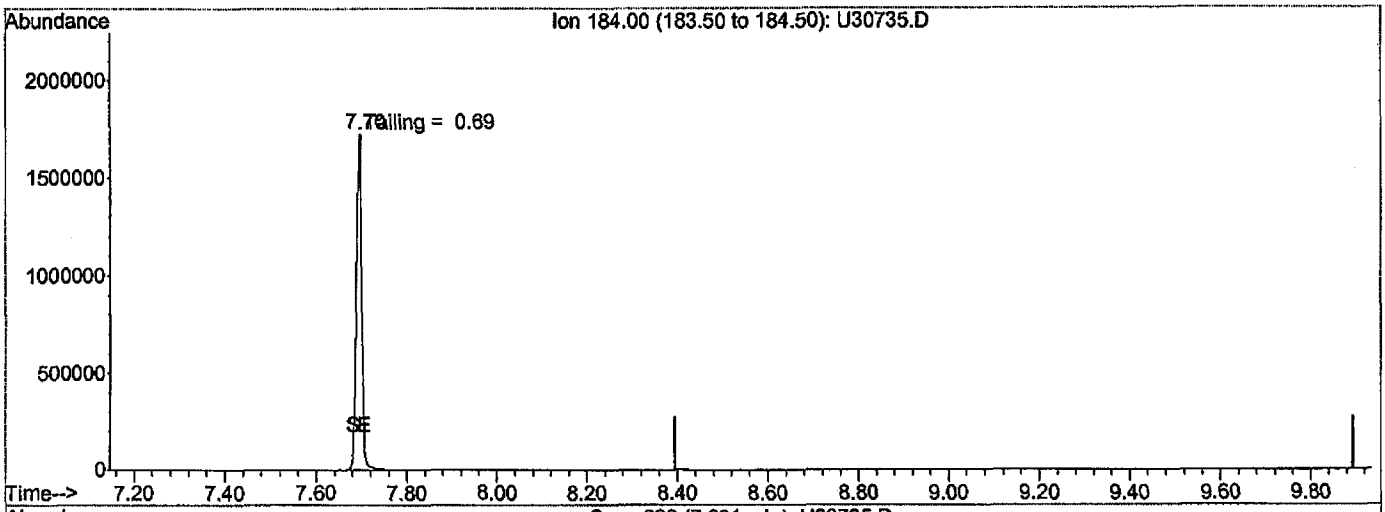
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

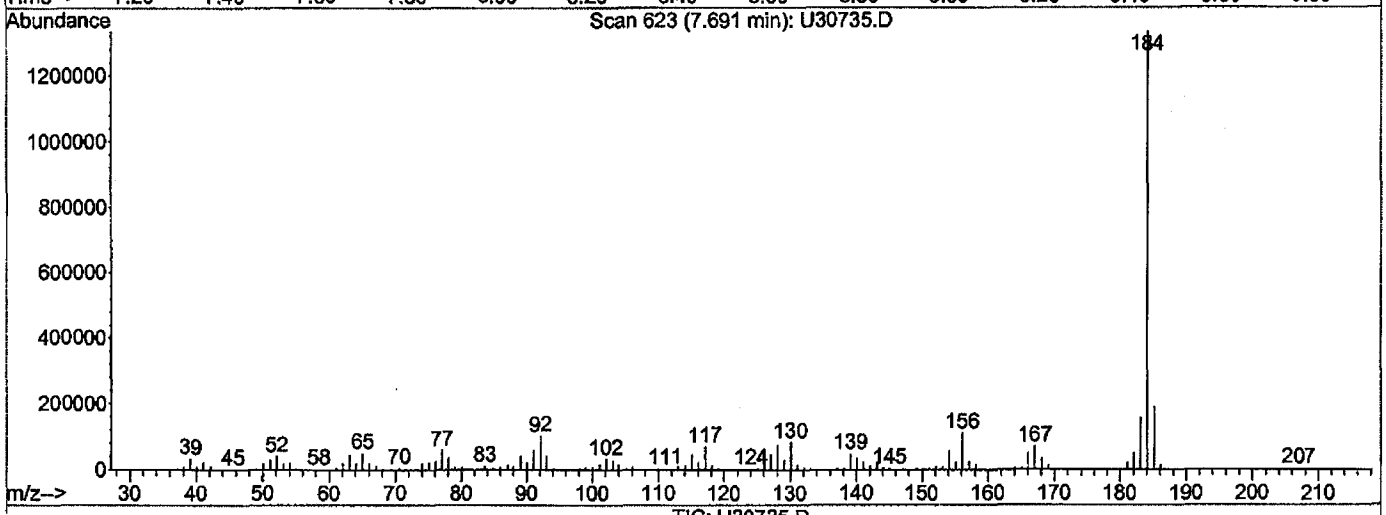
Quantitation Report

Data File : D:\DATA\092908\U30735.D
Acq On : 29 Sep 2008 14:09
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration





TIC: U30735.D

(2) Benzidine

Exp R.T. 9.14min

response 0

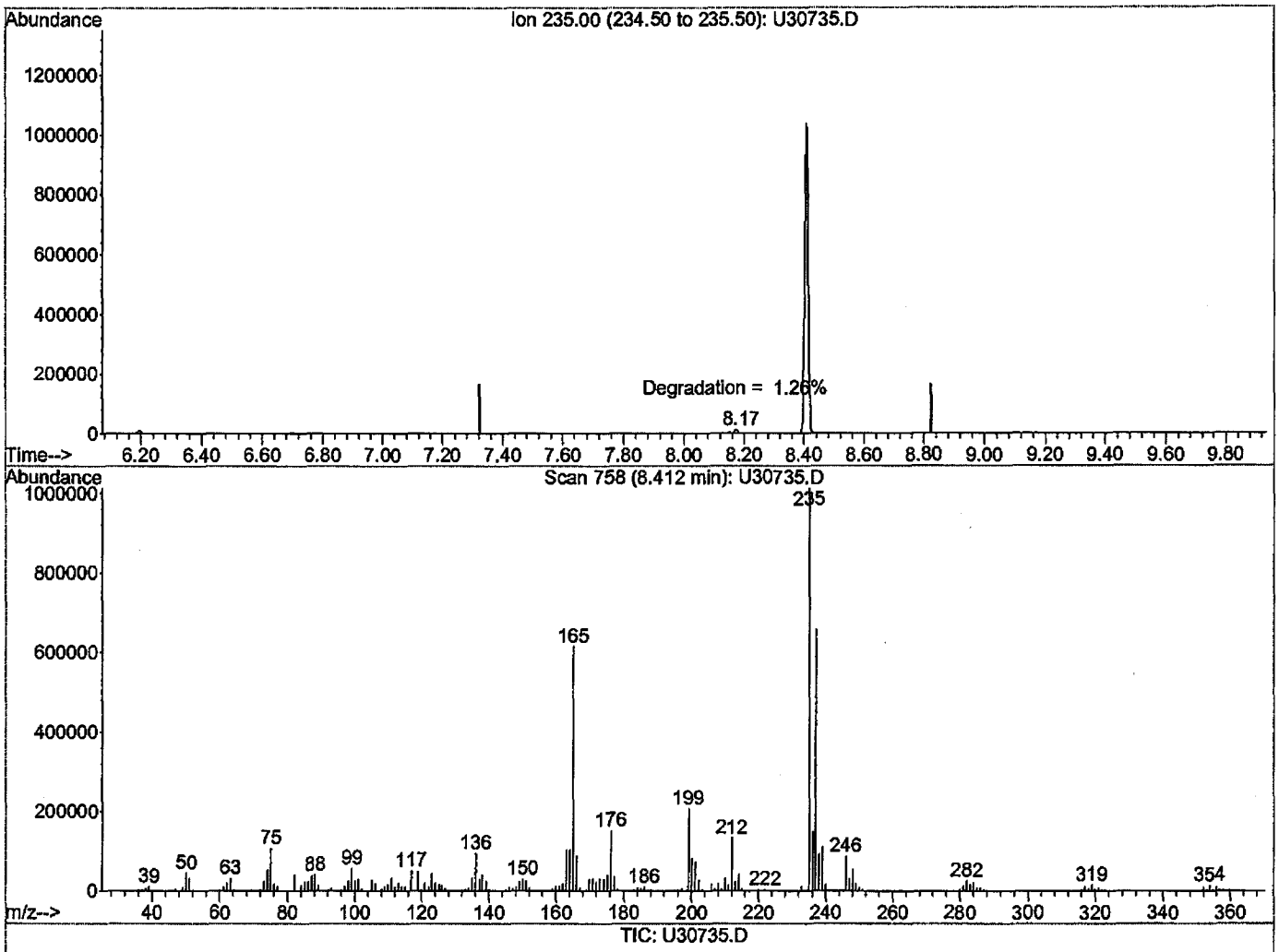
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\092908\U30735.D
Acq On : 29 Sep 2008 14:09
Sample : DFTPP050
Misc : SC33-12I
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.07min

response 0

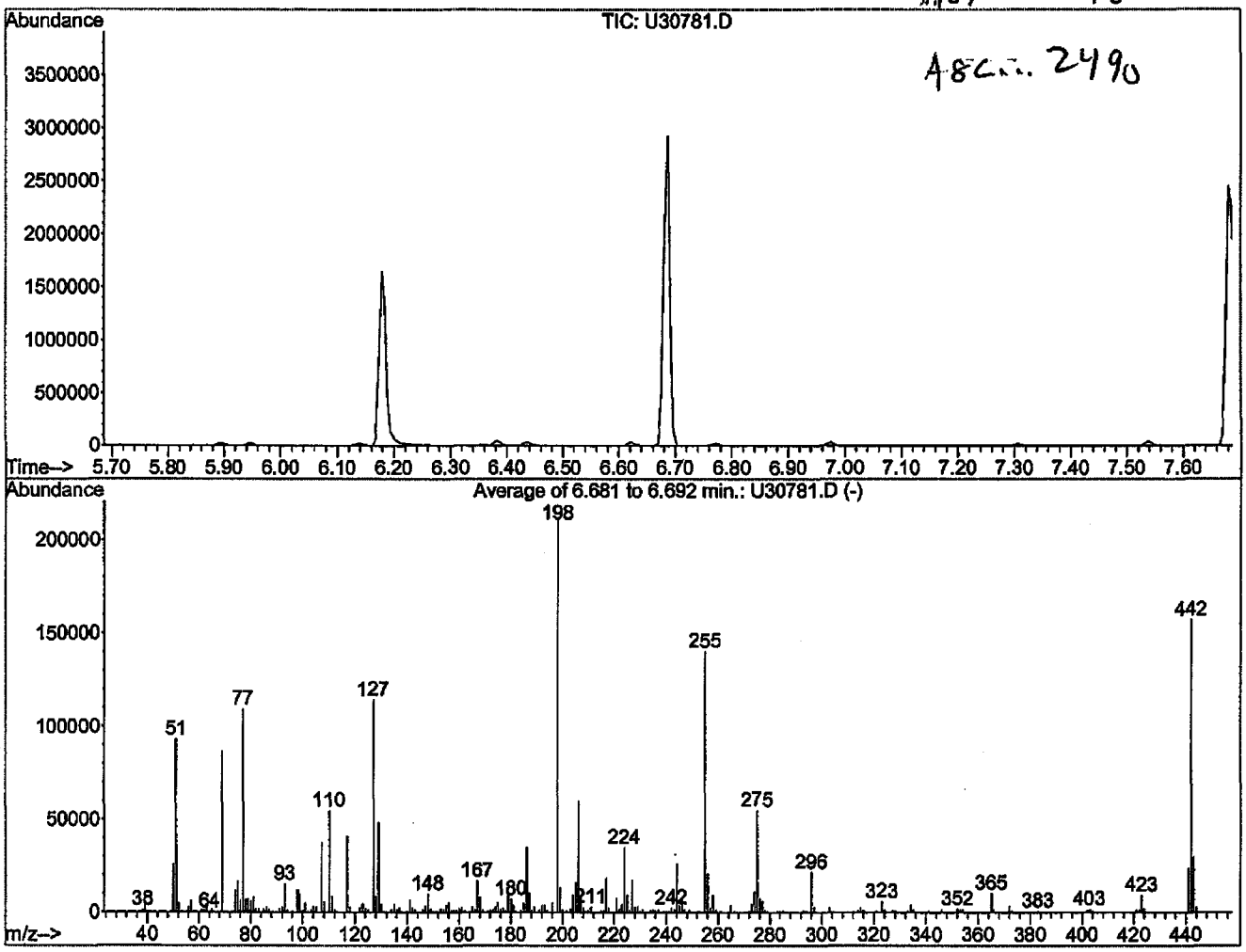
Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\093008\U30781.D Vial: 1
Acq On : 30 Sep 2008 10:17 Operator: MD
Sample : DFTPP050 Inst : HP5973U
Misc : SC33-12P Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis

A8T... 2898

A8C... 2490



Peak Apex is scan: 435 (6.69 min)
Average of 3 scans: 434,435,436 minus background scan 415 (6.58 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	44.2	92936	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	41.1	86456	PASS
70	69	0	2	0.6	550	PASS
127	198	40	60	54.3	114248	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	210234	PASS
199	198	5	9	6.4	13378	PASS
275	198	10	30	26.1	54914	PASS
365	198	1	100	4.8	10110	PASS
441	198	0	100	11.3	23734	PASS
442	198	40	110	74.7	157034	PASS
443	442	17	23	19.1	29936	PASS

U30781.D TUNE.M Tue Sep 30 10:27:46 2008 HP5973U

Average of 6.681 to 6.692 min.: U30781.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.15	1390	69.10	86456	85.05	1664	105.00	2842
39.10	6058	74.10	11721	86.05	2684	107.10	37378
50.10	26039	75.10	16585	87.10	1312	108.05	5548
51.10	92936	76.15	6422	91.10	2102	110.00	54624
52.10	4865	77.10	109176	92.05	2735	111.05	8570
56.10	2920	78.10	6921	93.10	15171	112.10	1263
57.10	6121	79.10	7128	98.05	11949	117.00	41080
61.05	1348	80.05	6197	99.00	9718	118.00	2893
62.15	1230	81.10	7942	101.00	4891	122.00	2427
63.10	3795	82.05	1979	103.05	1442	123.00	4422
65.10	1613	83.05	1747	104.00	2943	124.00	1963

Average of 6.681 to 6.692 min.: U30781.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
125.00	1399	143.05	1292	160.05	2041	176.00	1401
127.10	114248	146.05	1393	161.05	2558	177.00	2190
128.10	8503	147.05	3562	165.00	2822	179.00	11019
129.00	48229	148.00	9901	166.05	1534	180.05	7067
130.00	4228	149.05	2055	167.00	16770	181.00	3473
134.00	1359	153.00	1934	168.05	8047	185.10	4794
135.05	4151	154.05	1475	169.10	1241	186.10	34976
136.00	1601	155.05	3579	172.00	1331	187.10	10169
137.05	2446	156.10	5069	173.00	1429	189.00	2765
141.00	6810	158.00	1405	174.00	2932	191.00	1157
142.00	2244	159.00	1222	175.05	5374	192.00	3574

Average of 6.681 to 6.692 min.: U30781.D
DFTPP050
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
193.05	3795	211.00	2753	231.05	1204	255.00	140269
196.00	5047	217.00	18193	234.05	1097	256.00	20769
198.00	210234	218.00	2402	235.00	1286	257.00	2260
199.00	13378	221.00	7619	237.00	1497	258.00	9292
200.00	1366	221.95	1785	242.05	2341	259.00	1470
203.00	1837	223.05	4144	243.10	1248	264.95	3810
204.00	9259	224.00	34821	244.05	26040	273.00	4476
205.10	16306	225.10	9253	245.05	3724	274.00	11149
206.10	59904	227.00	17165	246.00	6751	275.00	54914
207.10	7917	228.00	2669	247.00	1485	276.00	7352
208.00	2557	229.00	3083	248.95	1118	277.00	6016

Average of 6.681 to 6.692 min.: U30781.D
DFTPP050
Modified:subtracted

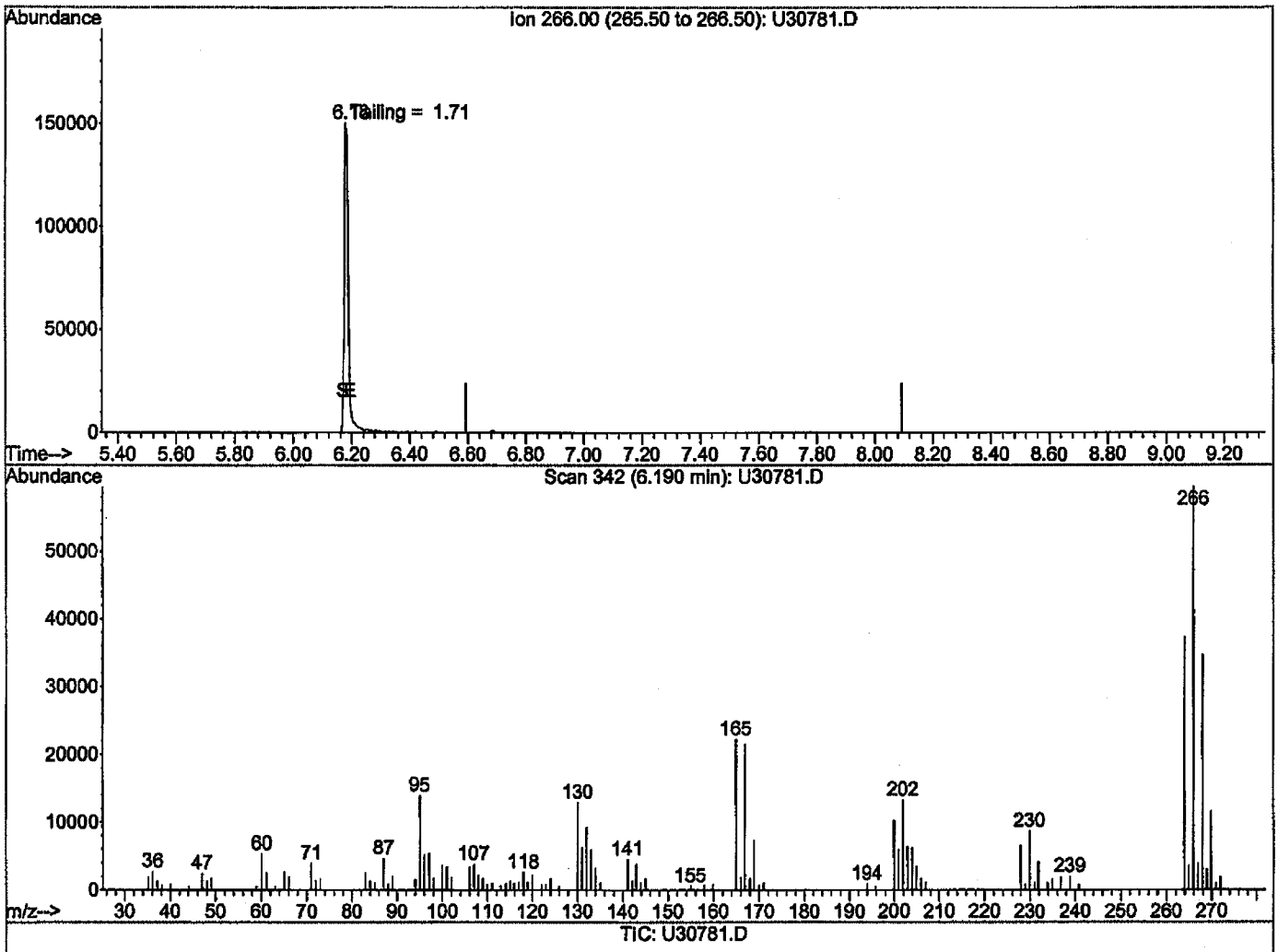
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
278.00	1210	346.00	1461	424.00	2131		
296.00	21502	352.00	1693	441.00	23734		
297.00	2891	353.00	1242	442.00	157034		
303.00	2247	354.00	1647	443.00	29936		
314.00	1068	365.00	10110	444.00	2480		
314.95	2195	365.95	1302				
316.05	1110	372.00	3128				
323.00	5822	402.95	1589				
324.00	1256	420.95	1327				
334.00	3717	422.05	1488				
335.05	1215	423.00	9055				

Quantitation Report

Data File : D:\DATA\093008\U30781.D
Acq On : 30 Sep 2008 10:17
Sample : DFTPP050
Misc : SC33-12P
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.34min

response 0

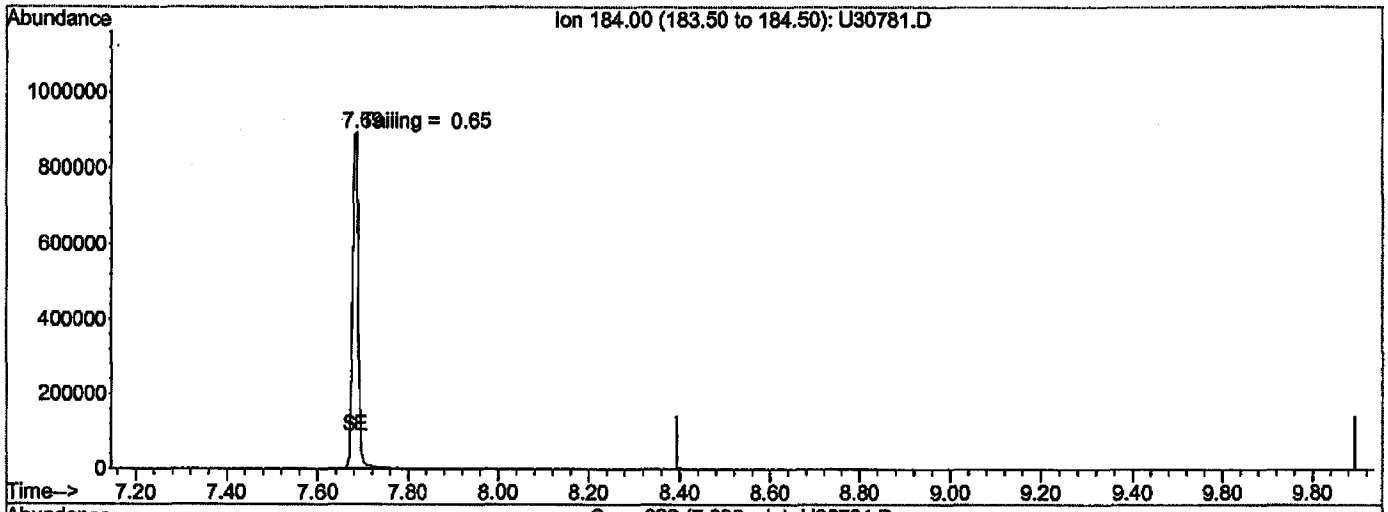
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

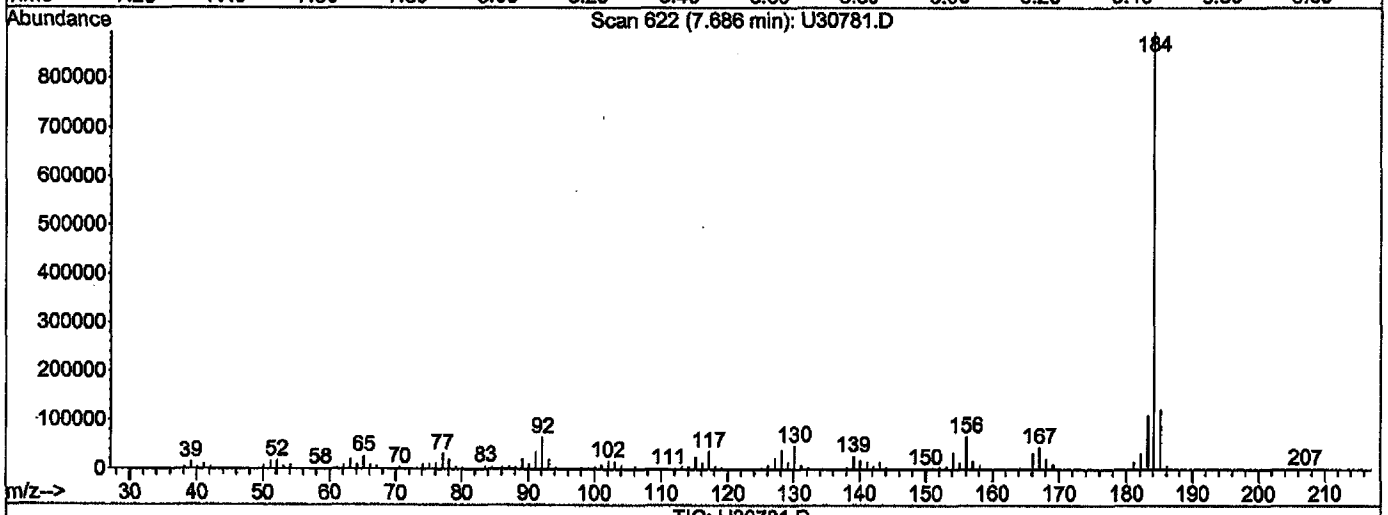
Quantitation Report

Data File : D:\DATA\093008\U30781.D
Acq On : 30 Sep 2008 10:17
Sample : DFTPP050
Misc : SC33-12P
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration





TIC: U30781.D

(2) Benzidine

Exp R.T. 9.14min

response 0

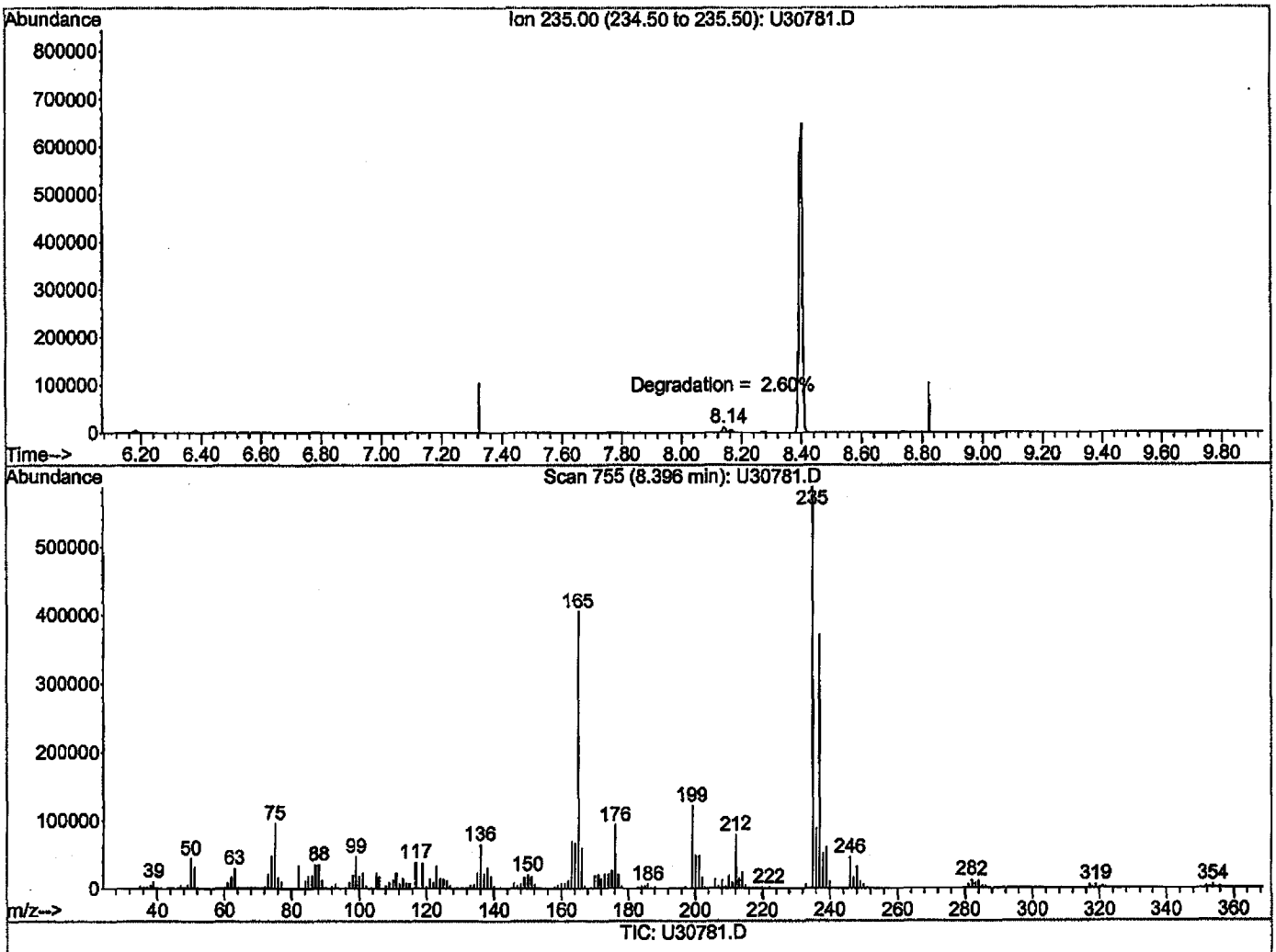
Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : D:\DATA\093008\U30781.D
Acq On : 30 Sep 2008 10:17
Sample : DFTPP050
Misc : SC33-12P
MS Integration Params: rteint.p

Vial: 1
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNE.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 12 08:48:26 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.07min

response 0

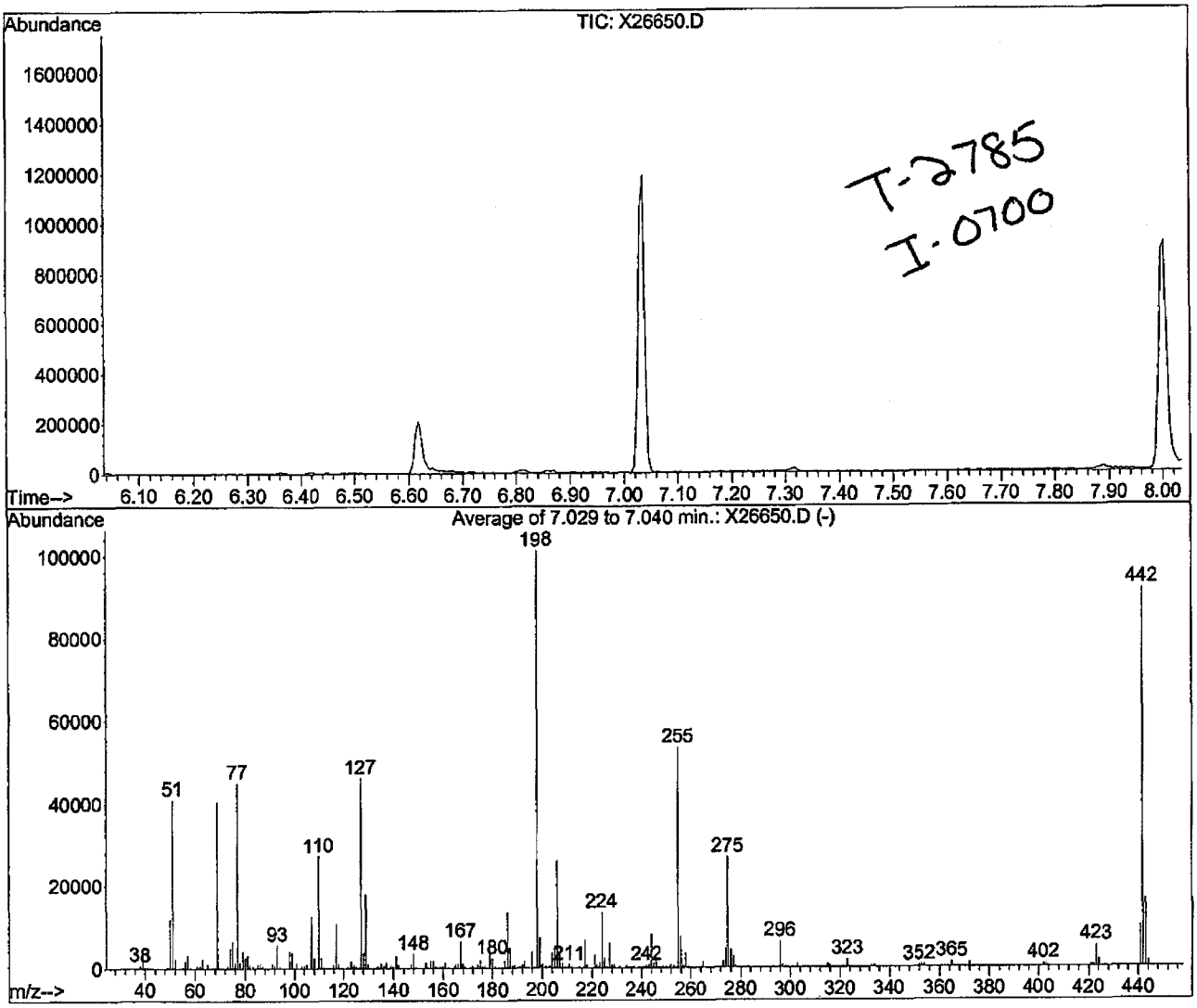
Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\092208\X26650.D
Acq On : 22 Sep 2008 9:50
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: rteint.p

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 740 (7.03 min)
Average of 3 scans: 739,740,741 minus background scan 720 (6.93 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	40.4	40915	PASS
68	69	0	2	0.6	246	PASS
69	198	0	100	40.0	40581	PASS
70	69	0	2	0.6	229	PASS
127	198	40	60	45.5	46144	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	101384	PASS
199	198	5	9	7.4	7462	PASS
275	198	10	30	26.4	26806	PASS
365	198	1	100	1.3	1298	PASS
441	198	0	100	9.7	9872	PASS
442	198	39	110	90.3	91594	PASS
443	442	17	23	17.9	16390	PASS

X26650.D TUNEQ.M Mon Sep 22 10:06:52 2008

Average of 7.029 to 7.040 min.: X26650.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.05	611	69.00	40581	81.90	1089	103.00	711
39.05	3521	72.95	570	83.10	561	103.95	676
50.00	11945	74.00	4778	85.00	911	105.05	1044
51.00	40915	75.00	6469	86.00	1156	107.00	12608
52.00	2300	76.00	1454	90.95	1095	107.95	2683
55.95	1708	77.00	44981	92.00	671	110.00	27263
57.00	3172	77.90	1542	92.95	5622	111.00	2495
60.95	672	78.10	1420	94.00	534	115.90	867
61.85	593	79.00	4156	98.00	4212	117.00	10595
63.05	2230	79.95	2577	98.95	3915	117.90	1060
64.95	1025	81.00	3230	100.95	1404	123.00	1661

Average of 7.029 to 7.040 min.: X26650.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
124.15	782	147.00	910	166.95	6426	186.00	13554
127.00	46144	148.00	3453	167.80	1221	186.95	4949
128.00	3639	153.00	1333	168.75	509	189.00	792
129.00	17888	154.95	1676	171.90	570	191.70	635
129.90	1037	156.00	1797	173.80	557	192.10	833
134.95	1117	156.90	565	174.05	876	192.95	1608
136.00	644	158.90	516	175.10	1981	195.95	3940
137.05	1340	160.90	1288	177.05	682	198.00	101384
139.00	693	164.80	541	178.95	3593	198.90	7462
140.95	2939	165.00	885	179.90	2363	200.00	972
141.95	682	165.95	966	184.95	1653	203.00	576

Average of 7.029 to 7.040 min.: X26650.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
203.95	3704	222.95	1403	244.10	1858	273.05	1463
205.00	5357	223.95	13434	244.95	1159	274.00	4569
206.05	26094	224.80	1524	245.95	2676	274.90	26806
207.00	3505	225.05	2318	251.95	685	276.00	4247
208.05	1152	227.00	6081	253.15	532	277.00	2507
210.85	819	227.85	745	254.95	53386	295.95	6275
217.00	6569	228.80	827	255.95	7613	296.95	706
217.85	833	233.85	725	257.00	765	302.95	806
221.05	3125	242.00	641	257.95	3468	315.05	772
221.70	521	243.05	733	264.85	1382	322.90	724
221.85	729	243.90	8063	272.75	964	323.05	1875

Average of 7.029 to 7.040 min.: X26650.D
DFTPP 50NG
Modified:subtracted

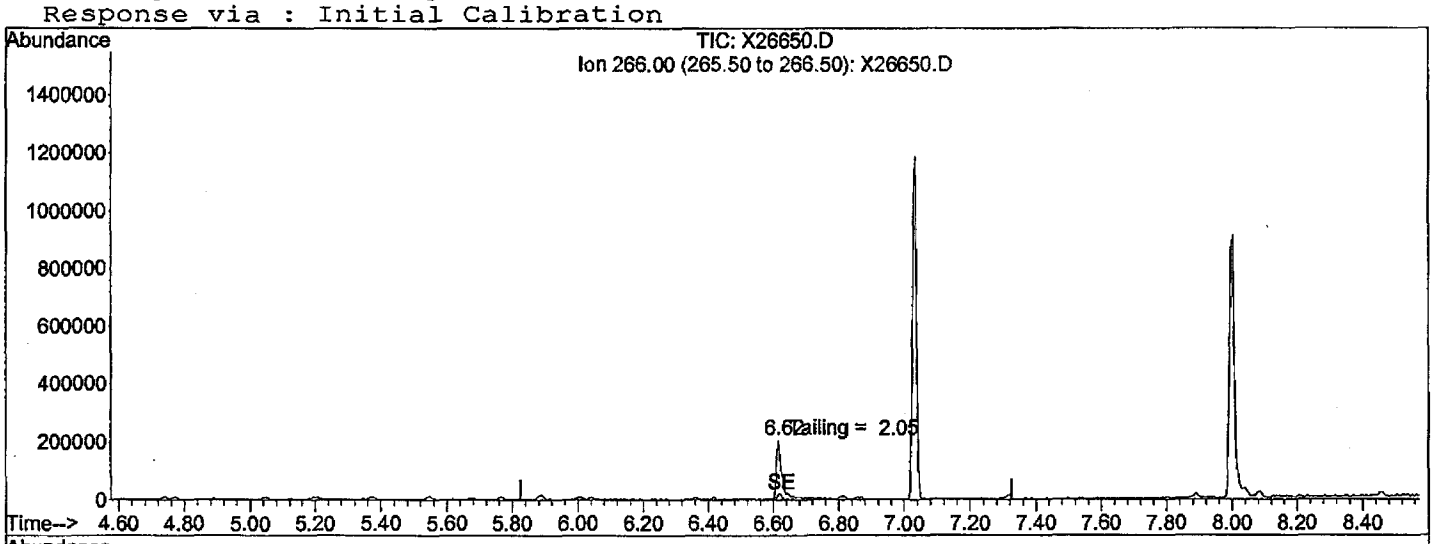
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
332.95	546	440.90	9872				
334.10	567	442.00	91594				
352.90	586	443.00	16390				
354.15	569	444.10	1416				
364.90	1298						
365.10	605						
372.00	971						
402.00	722						
402.95	612						
423.10	5134						
424.05	1794						

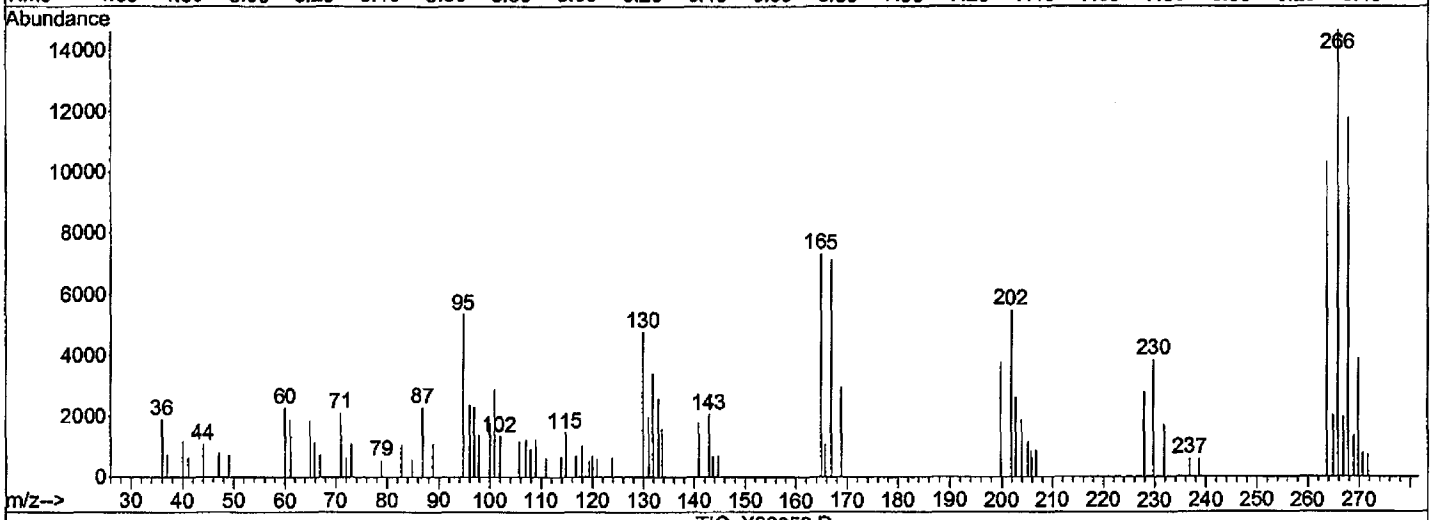
EasyID Report

Data File : D:\DATA\092208\X26650.D
Acq On : 22 Sep 2008 9:50
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 18 19:46:04 2008
Response via : Initial Calibration





TIC: X26650.D

(1) Pentachlorophenol

Exp R.T. 6.58min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	5.80	7.07
0.00	0.00	0.00
0.00	0.00	0.00

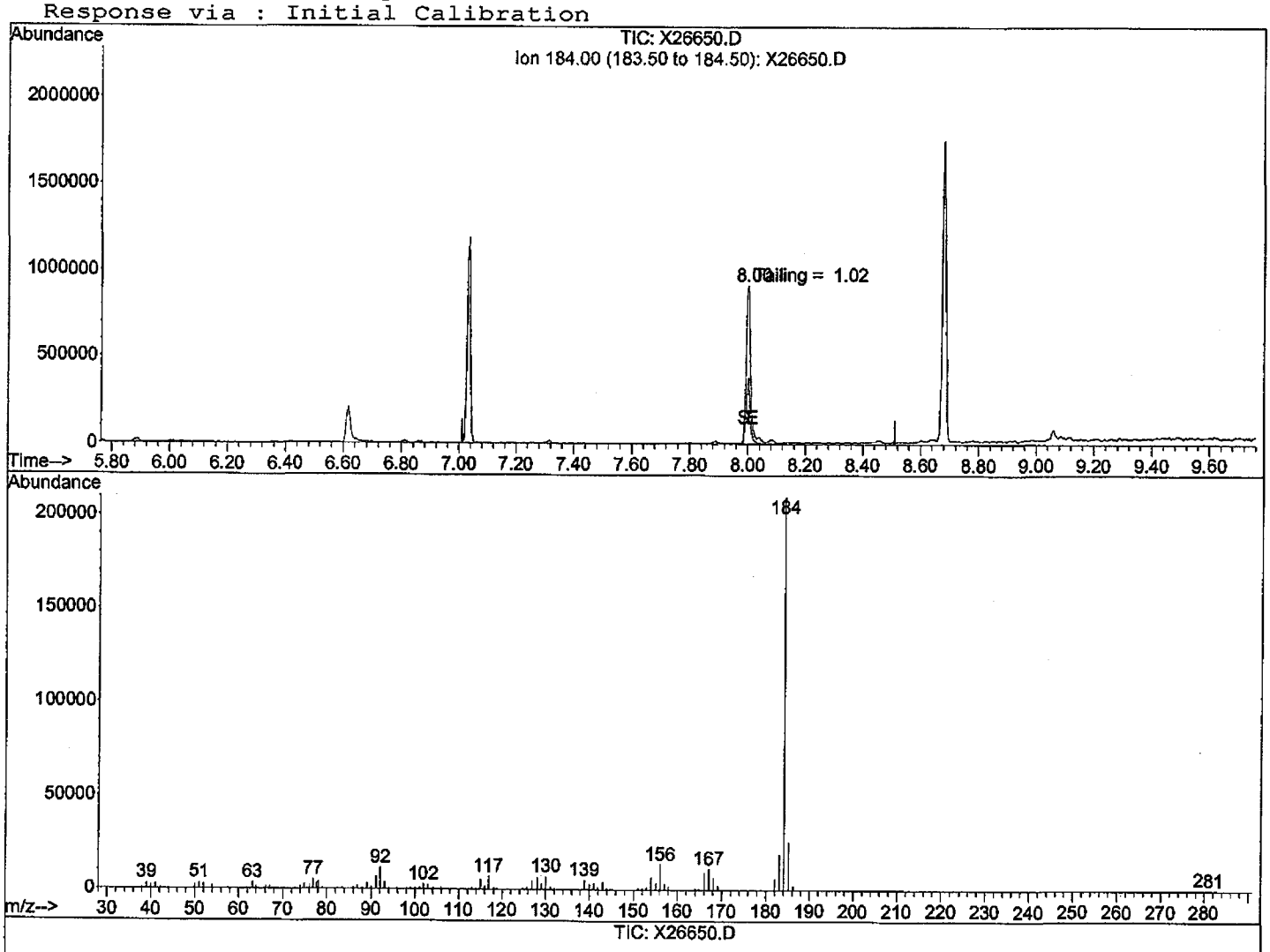
EasyID Report

Data File : D:\DATA\092208\X26650.D
Acq On : 22 Sep 2008 9:50
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 18 19:46:04 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 7.76min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	3836.73
0.00	0.00	0.00
0.00	0.00	0.00

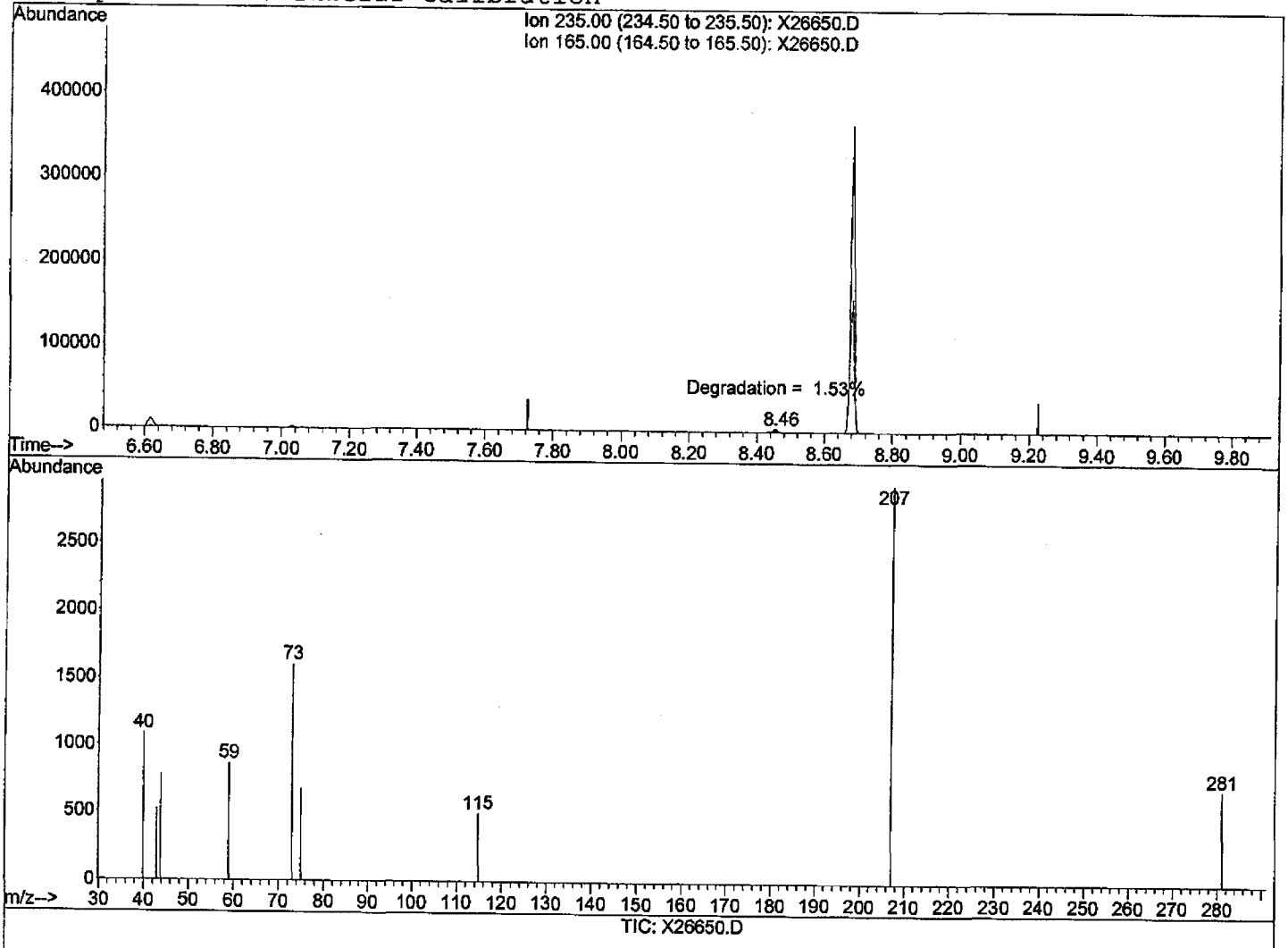
EasyID Report

Data File : D:\DATA\092208\X26650.D
Acq On : 22 Sep 2008 9:50
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Thu Sep 18 19:46:04 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.48min

response 0

Ion	Exp%	Act%
235.00	100	0
165.00	37.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

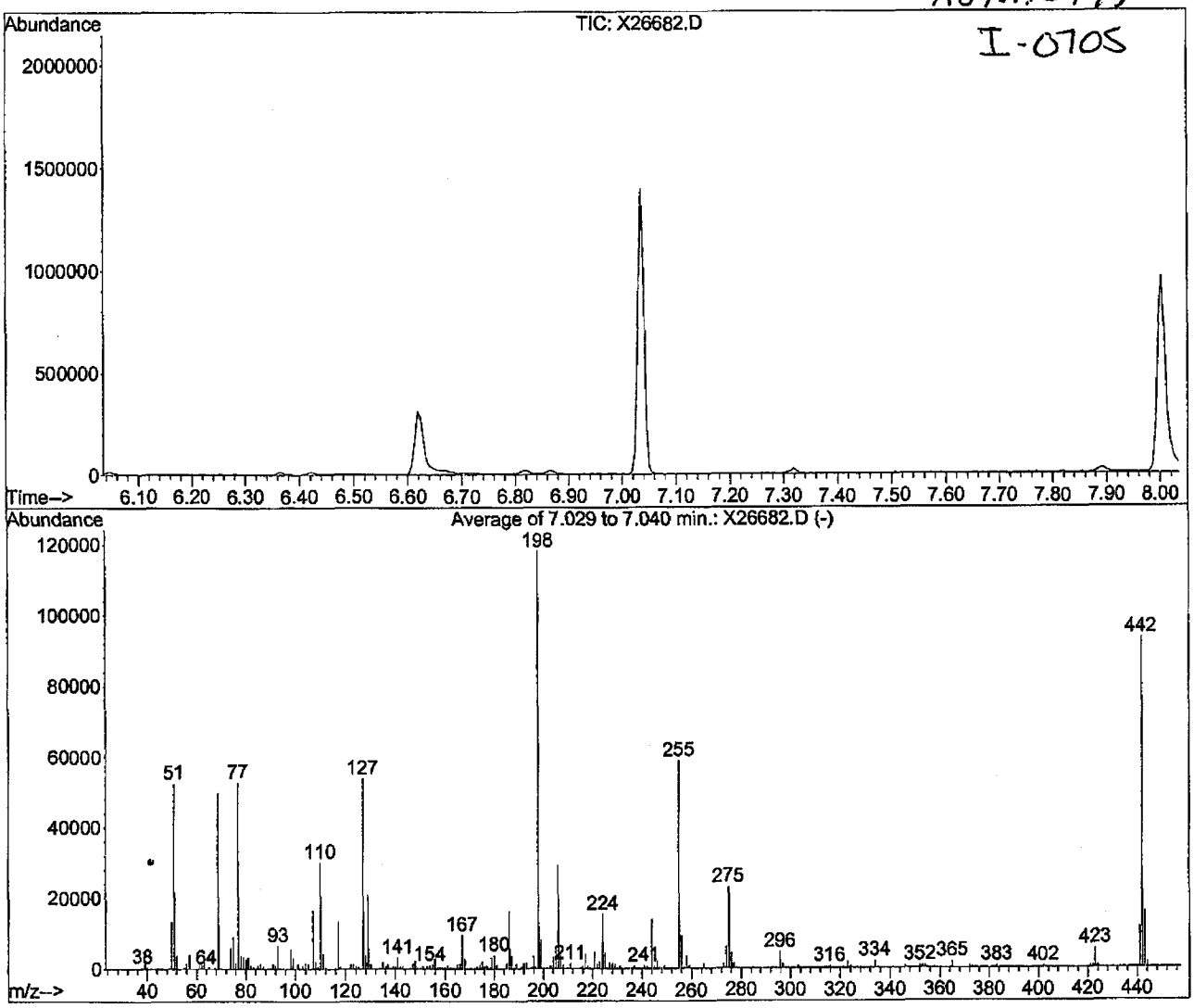
DFTPP Tune Evaluation

Data File : D:\DATA\092308\X26682.D
Acq On : 23 Sep 2008 17:53
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

A8T...2795
I-0705



Peak Apex is scan: 740 (7.03 min)
Average of 3 scans: 739,740,741 minus background scan 720 (6.93 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	44.4	52474	PASS
68	69	0	2	0.7	369	PASS
69	198	0	100	42.4	50082	PASS
70	69	0	2	0.6	323	PASS
127	198	40	60	45.6	53856	PASS
197	198	0	1	0.6	729	PASS
198	198	100	100	100.0	118194	PASS
199	198	5	9	7.0	8292	PASS
275	198	10	30	19.5	22992	PASS
365	198	1	100	1.5	1796	PASS
441	198	0	100	9.8	11565	PASS
442	198	39	110	78.9	93269	PASS
443	442	17	23	17.2	16002	PASS

X26682.D TUNEQ.M Tue Sep 23 18:06:02 2008

Average of 7.029 to 7.040 min.: X26682.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	3678	75.00	8976	87.00	854	107.00	16692
50.00	13451	75.95	1733	91.00	1482	108.00	2128
51.00	52474	77.00	52800	91.95	889	108.85	643
52.00	3738	78.05	3601	93.00	6478	110.00	30109
55.90	1612	78.95	3405	98.00	5540	111.00	4344
57.00	4021	80.05	2811	98.80	997	117.00	13377
61.05	953	81.00	3170	99.00	3091	117.95	690
61.95	1060	81.95	1090	100.95	1420	121.95	1373
63.00	2661	83.05	637	102.95	880	123.00	1434
69.00	50082	84.95	976	103.90	1551	124.00	824
73.95	5806	85.95	1586	104.95	1482	124.95	672

Average of 7.029 to 7.040 min.: X26682.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.00	53856	147.00	1491	167.00	9476	185.05	1598
127.95	3665	147.90	2263	167.90	2793	186.05	16292
129.00	20964	151.05	807	172.95	653	186.90	952
130.00	1324	152.80	807	174.10	1241	187.05	3621
135.00	1899	153.90	1076	174.95	2223	188.95	1254
136.00	836	155.05	1204	176.05	738	191.00	618
136.95	1234	155.90	2874	177.00	943	191.95	1625
139.20	794	158.05	595	178.95	3247	192.95	1925
141.00	3192	161.05	1134	180.00	3861	196.00	3640
141.95	853	164.90	1269	181.05	1264	196.75	729
142.90	844	166.00	1370	184.90	746	198.00	118194

Average of 7.029 to 7.040 min.: X26682.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
198.95	8292	220.85	4713	240.90	826	274.00	6092
202.85	821	221.80	1296	242.00	726	275.00	22992
203.95	3214	222.85	2029	243.95	13798	275.95	4477
205.00	5990	224.10	15346	246.00	2067	276.80	1147
206.05	29317	225.05	4555	249.00	803	277.05	1480
206.90	3830	226.80	1533	254.95	58890	295.85	4566
208.05	1106	227.00	1820	256.00	9404	296.10	1984
210.90	1385	227.90	1424	258.05	3565	296.85	1278
215.75	773	229.00	1238	259.05	855	303.05	766
217.00	4100	230.90	846	264.85	1351	323.00	1834
217.80	862	236.95	760	273.00	1350	333.90	1978

Average of 7.029 to 7.040 min.: X26682.D
DFTPP 50NG
Modified:subtracted

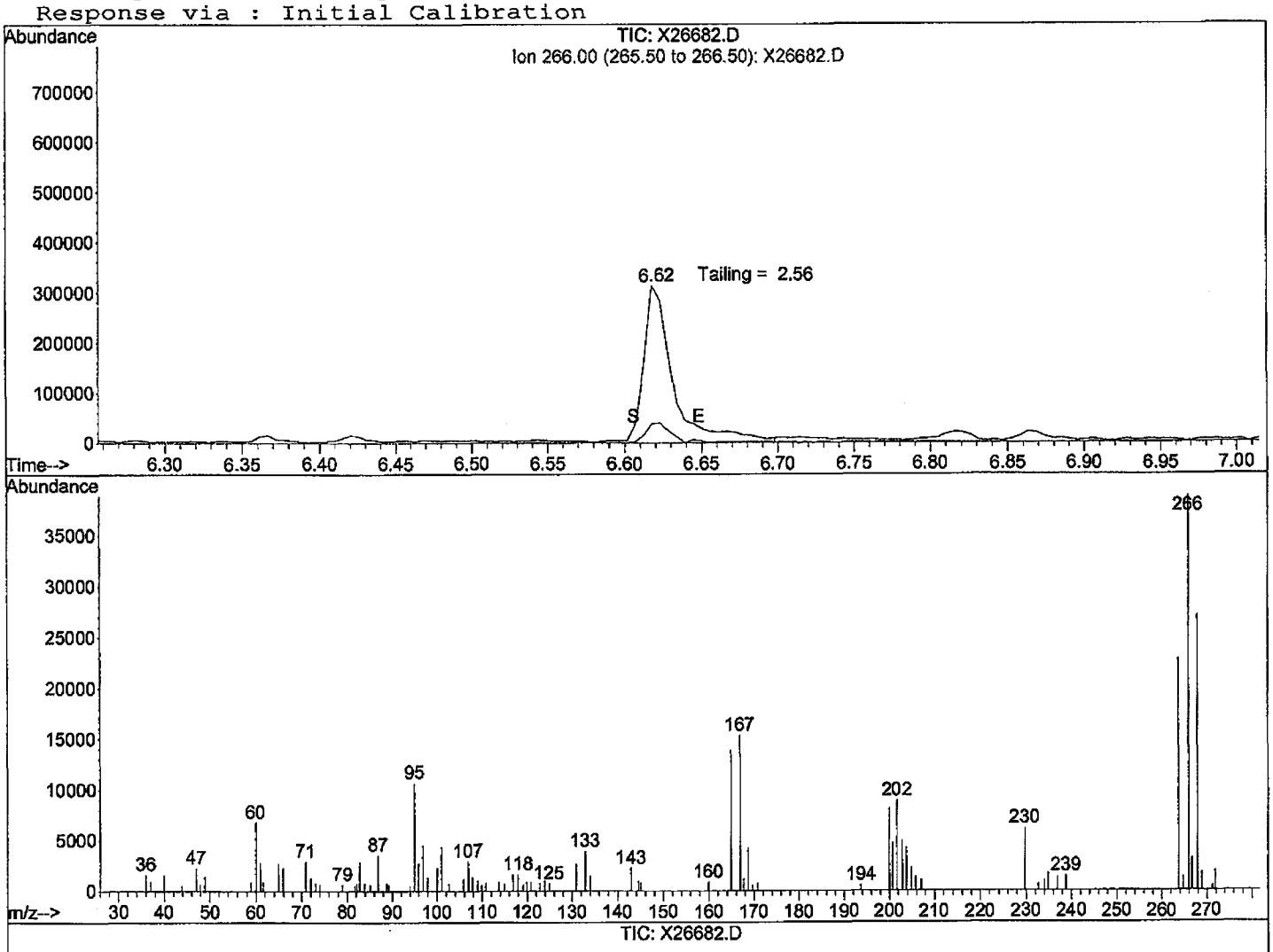
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
346.05	627	424.10	627				
352.05	766	441.00	11565				
353.05	735	442.00	93269				
353.90	692	443.00	16002				
365.00	1796	444.10	1646				
372.05	653						
383.05	711						
420.95	739						
421.90	680						
423.05	5358						
423.90	664						

EasyID Report

Data File : D:\DATA\092308\X26682.D
Acq On : 23 Sep 2008 17:53
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 23 09:05:26 2008
Response via : Initial Calibration



TIC: X26682.D

(1) Pentachlorophenol

Exp R.T. 6.58min

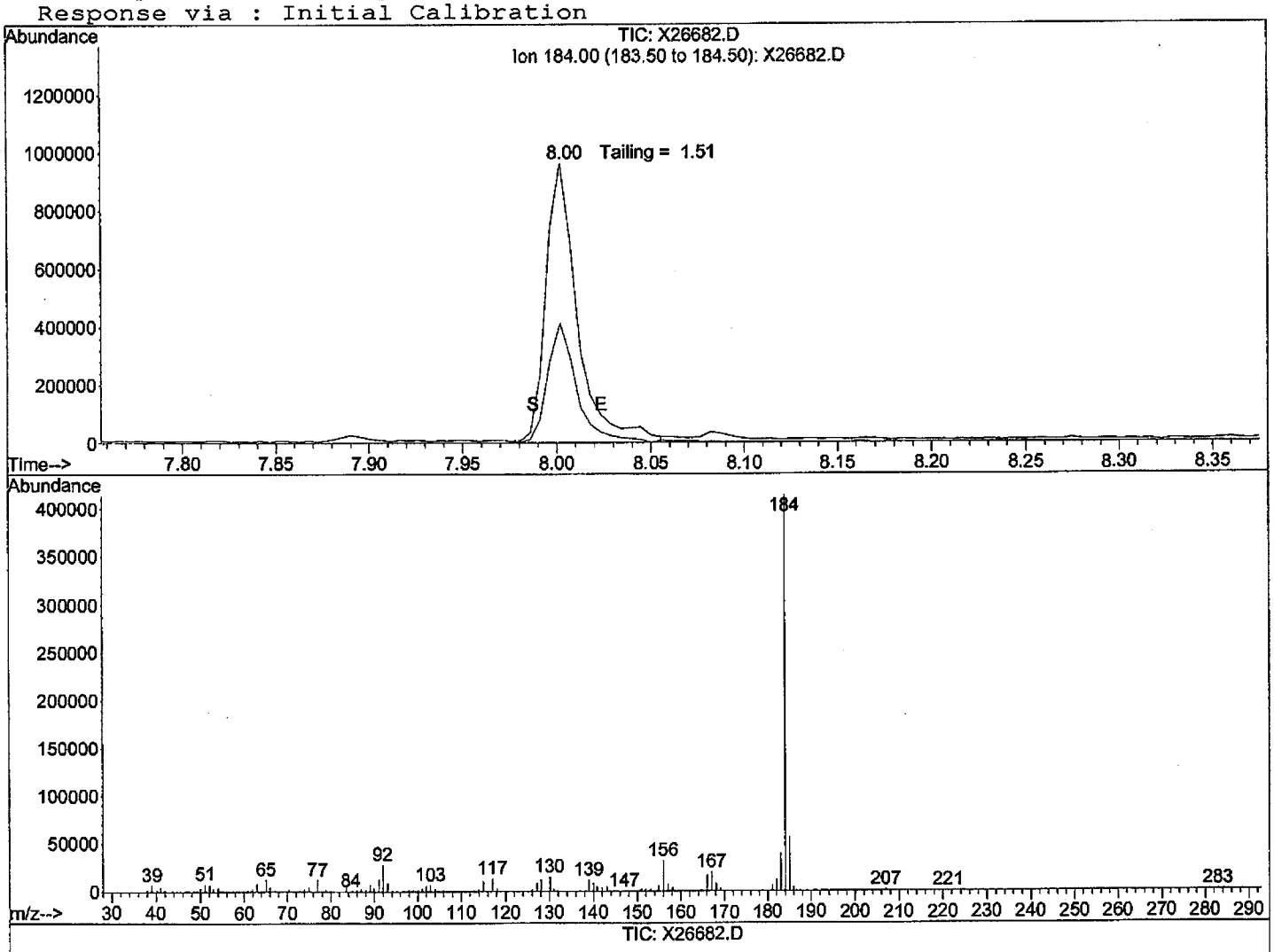
response 0

Signal	Exp%	Act%
TIC	100	100
266.00	5.80	12.49
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\092308\X26682.D
Acq On : 23 Sep 2008 17:53
Sample : DFTPP 50NG
Misc : SC33-12P
Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 23 09:05:26 2008
Response via : Initial Calibration



TIC: X26682.D

(2) Benzidine

Exp R.T. 7.76min

response 0

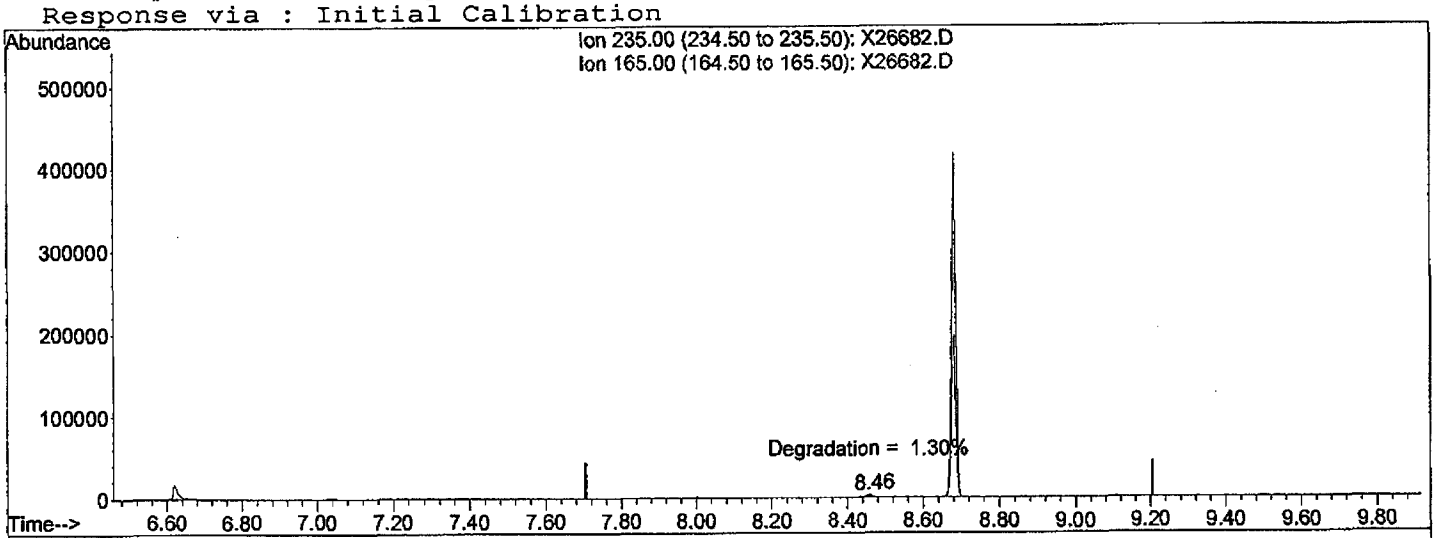
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	6664.99
0.00	0.00	0.00
0.00	0.00	0.00

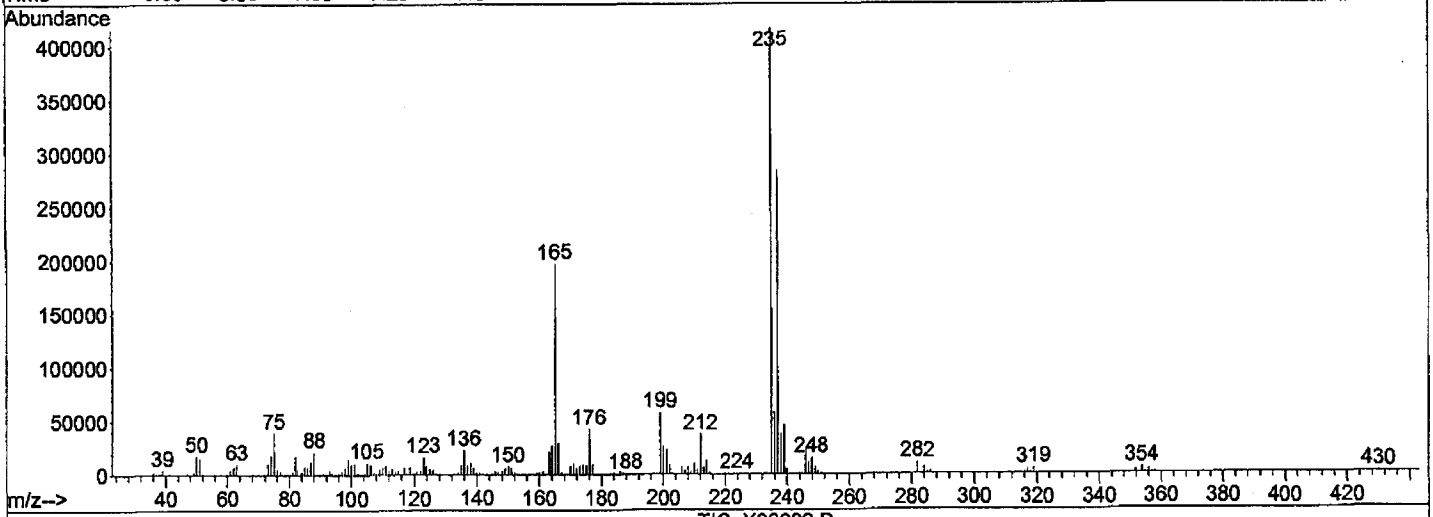
EasyID Report

Data File : D:\DATA\092308\X26682.D
Acq On : 23 Sep 2008 17:53
Sample : DFTPP 50NG
Misc : SC33-12P
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 23 09:05:26 2008
Response via : Initial Calibration





TIC: X26682.D

(3) 4-4DDT

Exp R.T. 8.46min

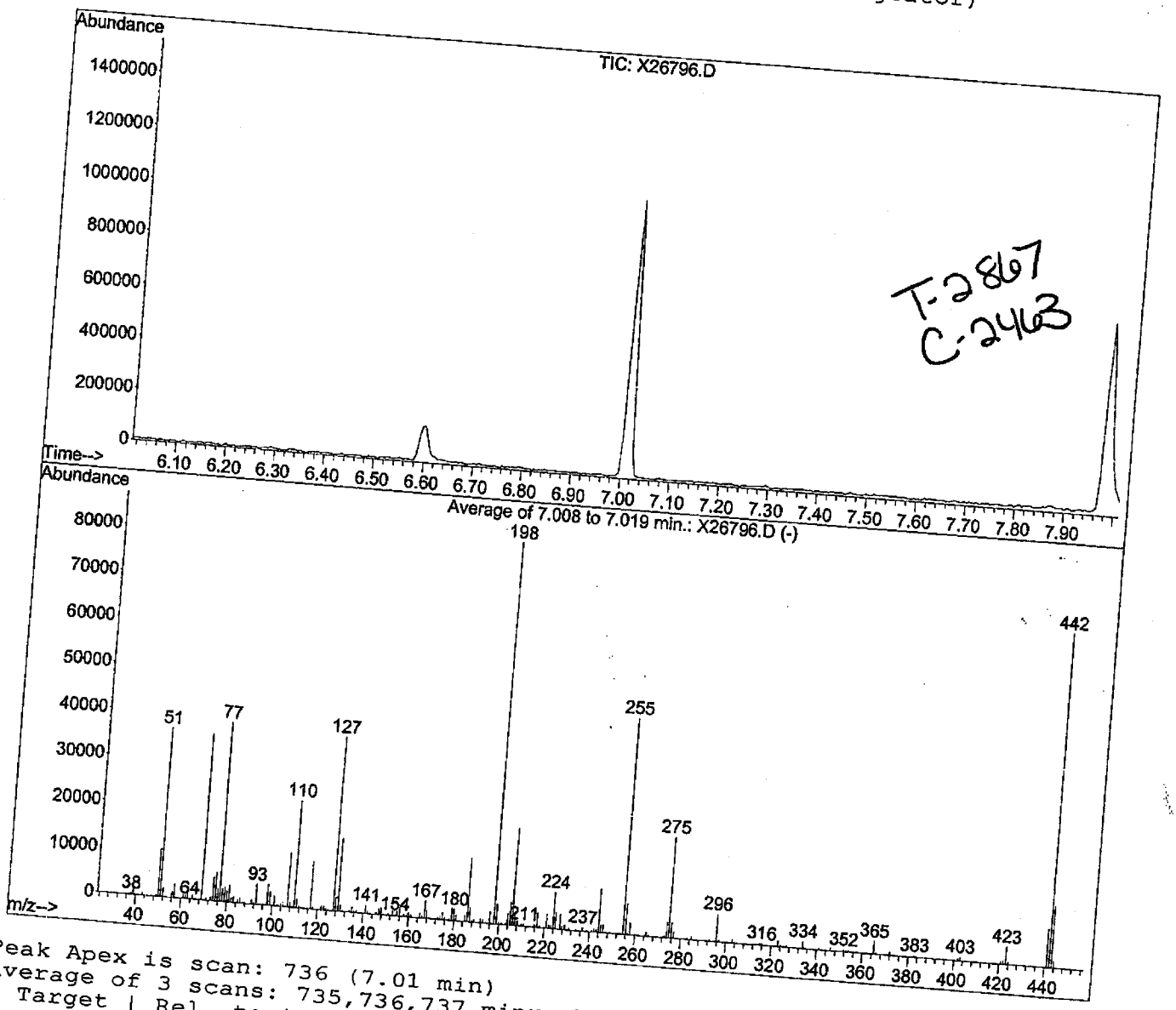
response 0

Ion	Exp%	Act%
235.00	100	100
165.00	43.40	47.26
0.00	0.00	0.00
0.00	0.00	0.00

Data File : D:\DATA\092608\X26796.D DFTPP Tune Evaluation
Acq On : 26 Sep 2008 8:57
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: rteint.p

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



T-2867
C-2463

Peak Apex is scan: 736 (7.01 min)
Average of 3 scans: 735,736,737 minus background scan 716 (6.91 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	44.1	36536	PASS
68	69	0	2	0.7	262	PASS
69	198	0	100	43.5	36058	PASS
70	69	0	2	0.5	188	PASS
127	198	40	60	45.3	37586	PASS
197	198	0	1	0.4	299	PASS
198	198	100	100	100.0	82906	PASS
199	198	5	9	5.2	4309	PASS
275	198	10	30	26.4	21896	PASS
365	198	1	100	3.3	2745	PASS
441	198	0	100	10.1	8397	PASS
442	198	39	110	87.3	72341	PASS
443	442	17	23	18.4	13300	PASS

X26796.D TUNEQ.M Fri Sep 26 09:09:26 2008

Average of 7.008 to 7.019 min.: X26796.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.00	2795	69.00	36058	81.90	925	107.00	11791
42.95	552	70.95	446	82.95	1382	107.95	1050
50.00	10447	73.05	843	84.95	646	110.00	23161
51.00	36536	74.00	5237	85.95	1085	110.90	1771
52.00	2053	75.00	6229	91.00	1030	111.05	1868
55.95	1333	76.00	2721	93.00	4431	117.00	10349
57.00	2976	77.00	38786	98.00	4542	118.00	437
61.05	738	77.95	2779	99.00	2970	121.70	740
61.95	752	79.00	3243	101.00	2240	122.70	451
62.95	1976	80.00	2498	103.95	591	123.00	898
65.00	873	81.00	3665	105.00	962	123.85	484

Average of 7.008 to 7.019 min.: X26796.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.00	37586	147.00	1308	167.00	3812	184.90	1406
127.90	3022	147.90	1480	167.85	1786	186.00	13763
129.00	15790	148.15	776	168.10	851	187.00	3116
129.95	1447	152.95	1038	173.95	809	188.70	437
134.00	429	154.90	1108	174.90	1601	189.00	501
134.80	466	156.05	1812	175.75	573	191.90	879
135.05	1140	157.85	518	178.80	1053	192.85	759
137.05	586	160.00	973	179.00	2682	193.10	623
141.00	1837	161.15	511	180.00	2525	195.95	2576
141.95	602	165.05	960	180.70	418	197.95	82906
145.90	438	166.00	567	181.00	1339	199.00	4309

Average of 7.008 to 7.019 min.: X26796.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
202.95	469	220.90	3098	231.10	434	272.80	489
203.90	2583	221.10	2150	237.05	822	273.00	486
205.00	4956	222.05	808	242.10	747	273.95	3433
205.95	21158	222.90	553	242.90	598	274.95	21896
207.00	2434	223.90	3875	244.05	9422	275.95	3382
208.05	1171	224.05	7926	244.90	1717	276.95	1398
209.95	586	224.95	3539	245.95	1665	284.90	773
211.10	510	226.90	3309	254.95	46776	292.95	421
215.85	588	227.10	2372	256.05	6766	295.90	5966
216.90	3112	227.85	683	257.95	2682	303.00	695
218.00	524	229.00	1057	264.95	889	322.95	1195

Average of 7.008 to 7.019 min.: X26796.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
326.80	421	423.00	3807				
333.95	1547	424.10	581				
346.00	569	440.90	8397				
351.85	449	442.00	72341				
353.90	416	443.05	13300				
364.90	2745	443.95	1586				
371.90	769						
401.95	467						
402.90	815						
420.90	547						
421.95	941						

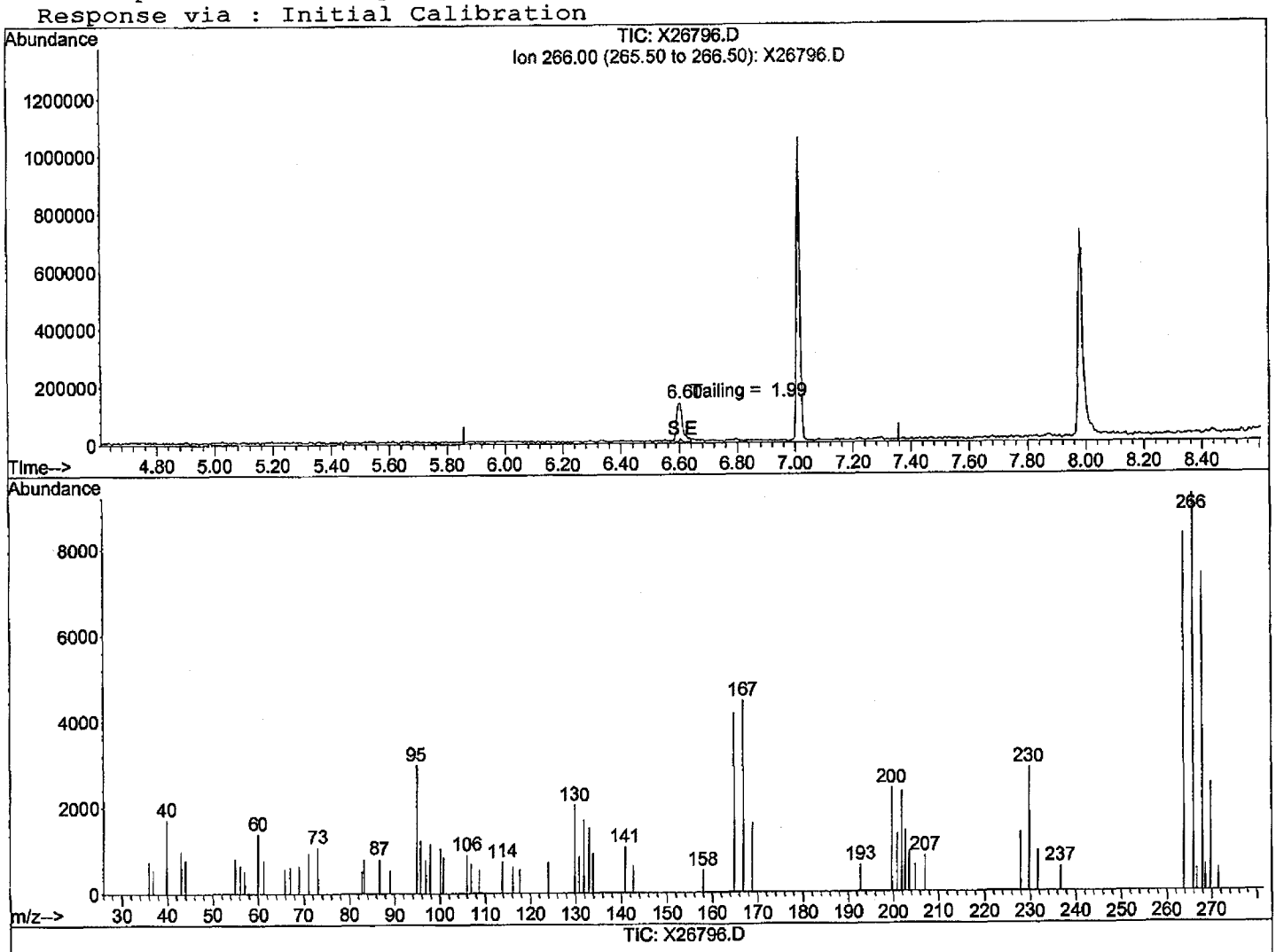
EasyID Report

Data File : D:\DATA\092608\X26796.D
Acq On : 26 Sep 2008 8:57
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 24 11:00:35 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.61min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	6.00	6.90
0.00	0.00	0.00
0.00	0.00	0.00

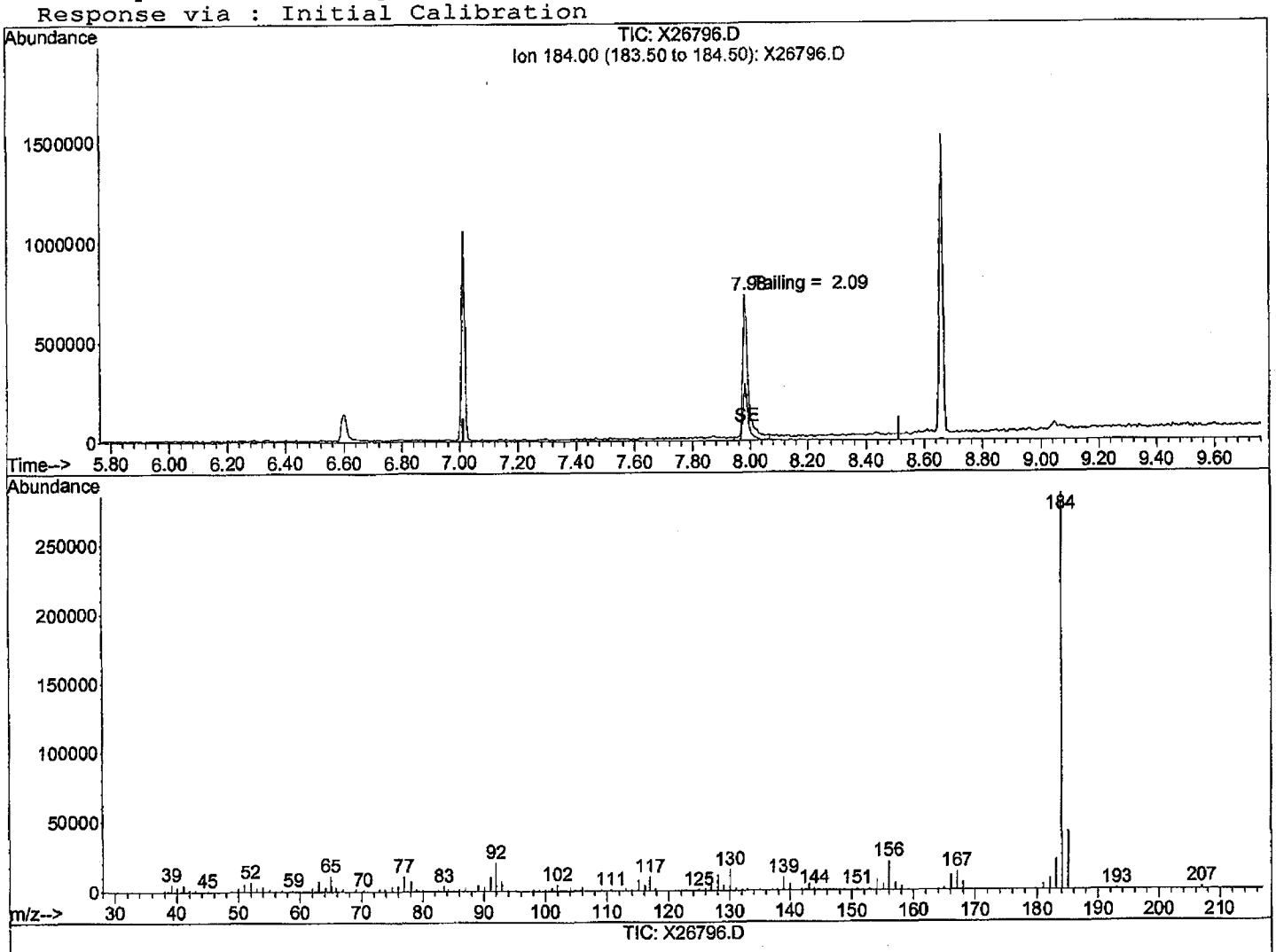
EasyID Report

Data File : D:\DATA\092608\X26796.D
Acq On : 26 Sep 2008 8:57
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 24 11:00:35 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 7.76min

response 0

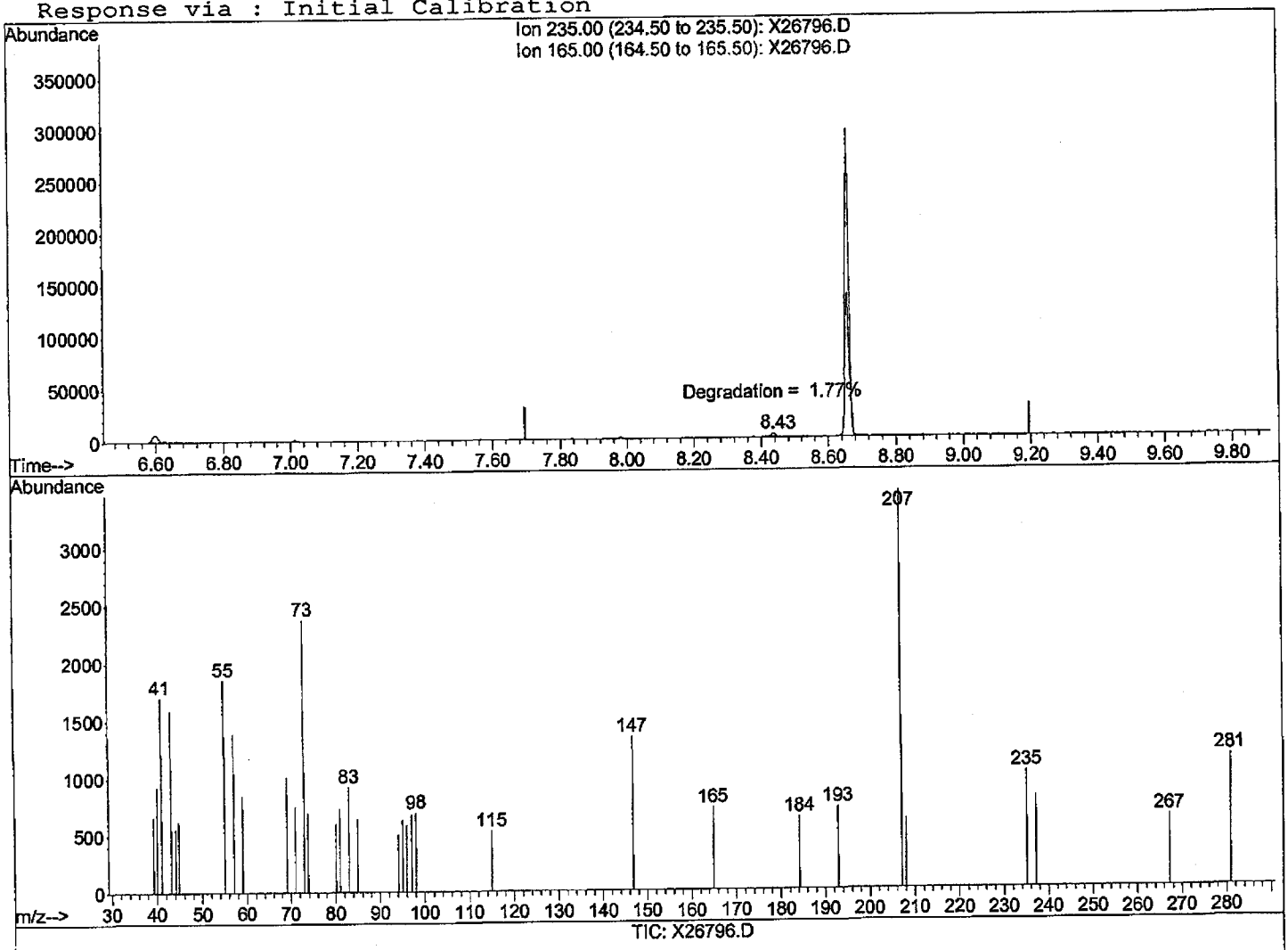
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	3231.53
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\092608\X26796.D
Acq On : 26 Sep 2008 8:57
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Sep 24 11:00:35 2008
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.45min

response 0

Ion	Exp%	Act%
235.00	100	100
165.00	50.90	70.96
0.00	0.00	0.00
0.00	0.00	0.00

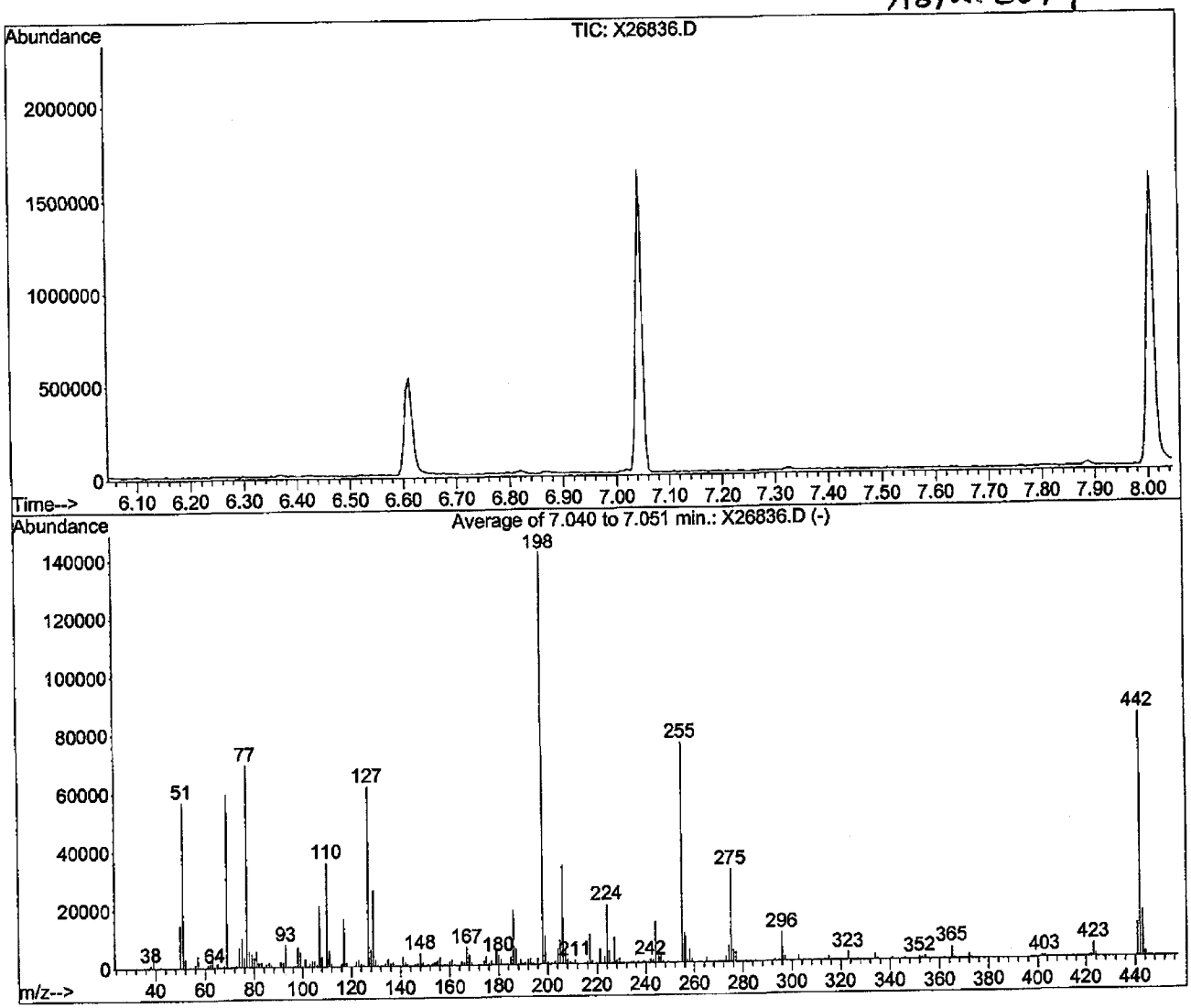
DFTPP Tune Evaluation

Data File : D:\DATA\093008\X26836.D
Acq On : 30 Sep 2008 9:13
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: rteint.p

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

A8T... 2879



Peak Apex is scan: 742 (7.05 min)
Average of 3 scans: 741,742,743 minus background scan 722 (6.94 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	40.2	57061	PASS
68	69	0	2	1.3	798	PASS
69	198	0	100	42.0	59564	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	43.6	61818	PASS
197	198	0	1	0.2	253	PASS
198	198	100	100	100.0	141928	PASS
199	198	5	9	6.7	9576	PASS
275	198	10	30	22.6	32042	PASS
365	198	1	100	2.9	4167	PASS
441	198	0	100	8.2	11709	PASS
442	198	39	110	59.2	84029	PASS
443	442	17	23	19.2	16115	PASS

X26836.D TUNEQ.M Tue Sep 30 09:28:38 2008

Average of 7.040 to 7.051 min.: X26836.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.05	936	68.00	798	83.00	1532	103.95	1876
39.10	4682	69.00	59564	85.00	1101	104.95	1949
50.10	14637	74.00	6731	86.05	1570	105.90	770
51.10	57061	75.00	9979	86.95	1007	107.00	21051
52.05	2914	76.00	3298	91.00	1912	108.05	3520
56.05	1213	77.10	69456	92.00	1657	110.00	35920
57.00	4105	78.05	5361	93.00	7576	111.00	5468
61.00	995	79.05	4485	98.00	6666	111.95	934
62.00	1407	80.00	3500	99.00	5039	116.00	875
63.05	2611	81.00	5398	100.95	2730	117.00	16421
65.05	1436	81.95	1470	102.95	1074	118.00	1281

Average of 7.040 to 7.051 min.: X26836.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
122.05	1482	141.00	3057	165.00	1311	185.00	2582
123.00	2269	141.95	985	165.95	1131	186.10	18832
124.00	848	147.05	918	167.05	6221	187.05	5424
127.00	61818	148.00	4252	168.05	3579	189.00	1580
128.00	5742	149.10	958	169.05	801	191.95	1742
129.00	26085	153.00	803	174.05	1544	193.00	2126
130.00	2059	154.00	1059	175.05	2984	196.00	1941
133.95	987	155.05	1584	177.00	1494	198.00	141928
135.05	2358	156.10	2725	179.00	5283	199.00	9576
136.05	962	160.00	1166	180.00	3154	200.05	745
137.00	1201	161.00	1900	181.05	1559	203.00	935

Average of 7.040 to 7.051 min.: X26836.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
204.10	5121	224.05	20295	256.05	10153	297.00	1630
205.05	8228	225.00	4281	257.00	1007	302.95	1796
206.10	33933	227.00	8778	258.05	4548	315.05	1245
207.05	4464	228.00	1108	259.05	1178	323.00	2734
208.00	1373	229.00	1585	265.05	1498	333.95	2005
211.05	1285	241.95	1155	273.00	1888	352.00	956
216.00	877	243.05	887	274.05	5612	353.05	737
217.00	10197	244.05	14290	275.05	32042	354.05	1062
218.00	1032	245.05	2245	276.00	4177	365.00	4167
221.05	5144	246.00	3340	277.05	3480	372.05	1510
223.00	2198	255.05	75730	296.05	9788	421.95	854

Average of 7.040 to 7.051 min.: X26836.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
423.05	4749						
423.90	1370						
440.95	11709						
442.00	84029						
443.05	16115						
444.10	1850						

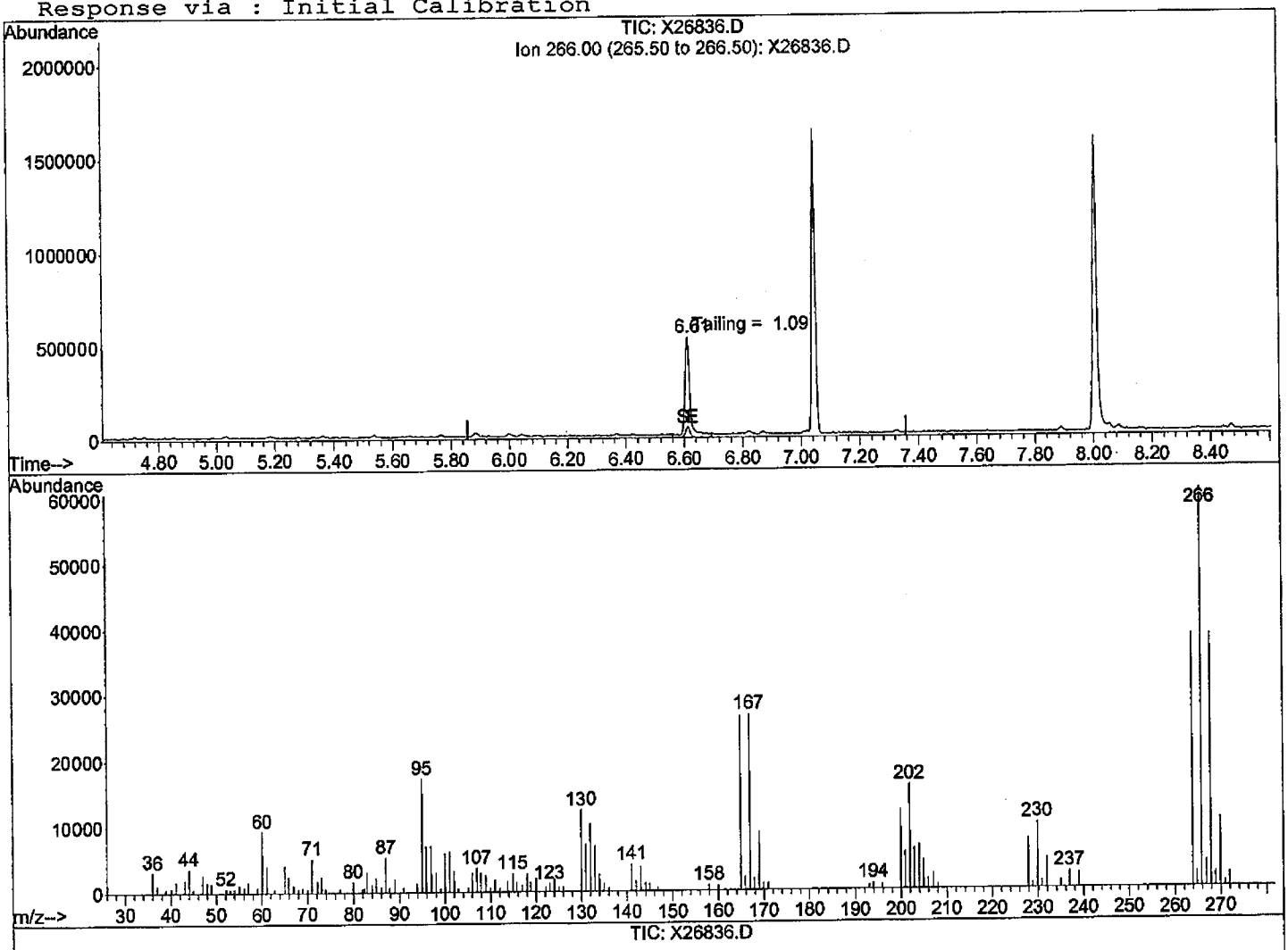
EasyID Report

Data File : D:\DATA\093008\X26836.D
Acq On : 30 Sep 2008 9:13
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 26 09:33:17 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.61min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	6.00	11.59
0.00	0.00	0.00
0.00	0.00	0.00

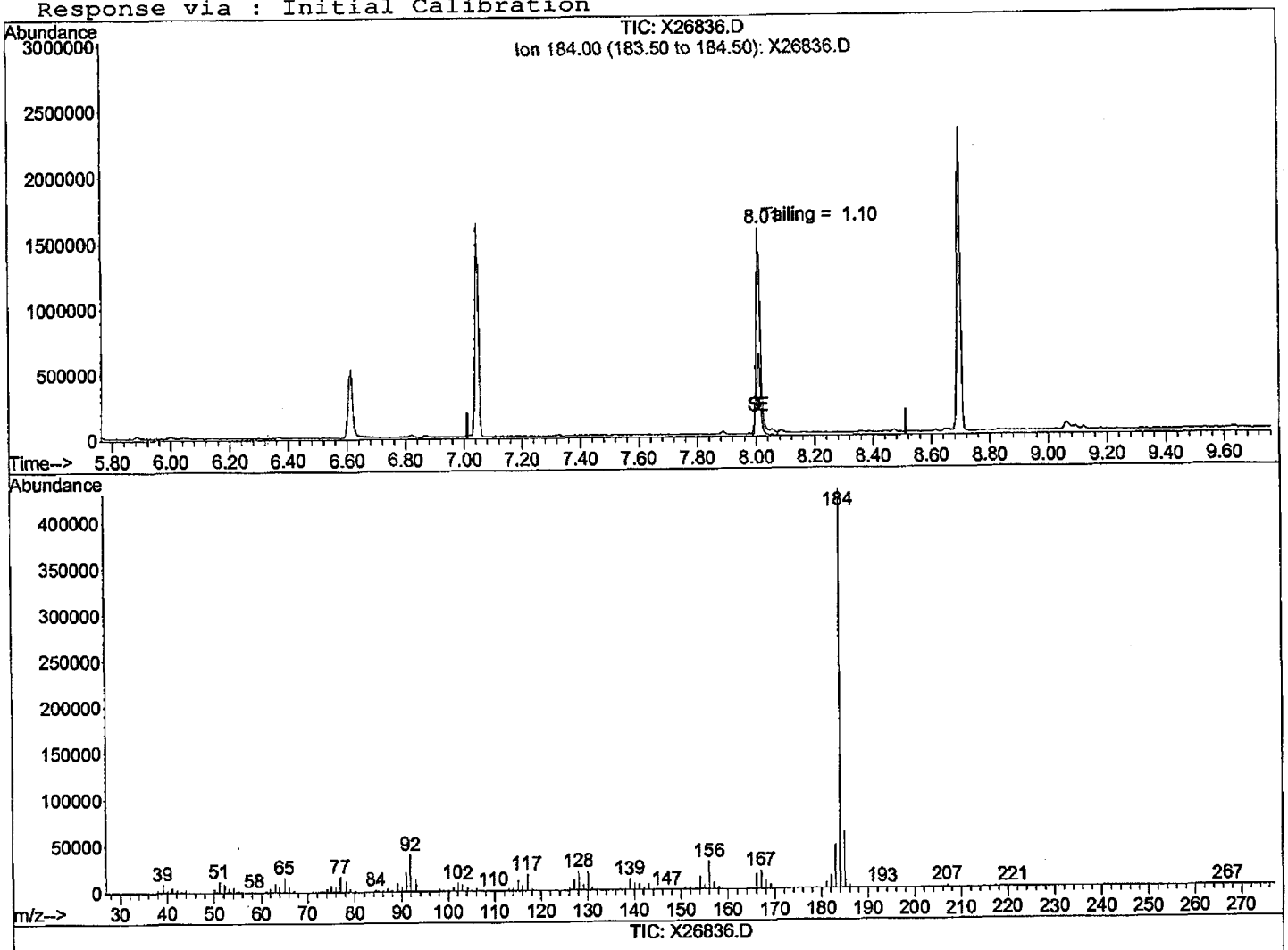
EasyID Report

Data File : D:\DATA\093008\X26836.D
Acq On : 30 Sep 2008 9:13
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 26 09:33:17 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 7.76min

response 0

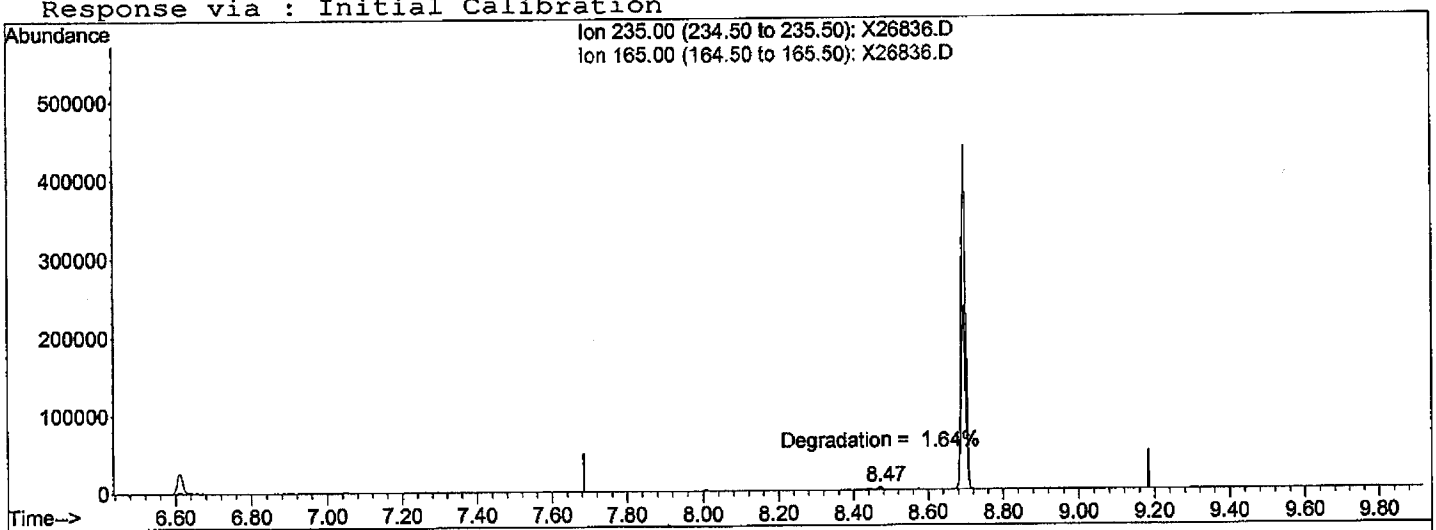
Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	6782.99
0.00	0.00	0.00
0.00	0.00	0.00

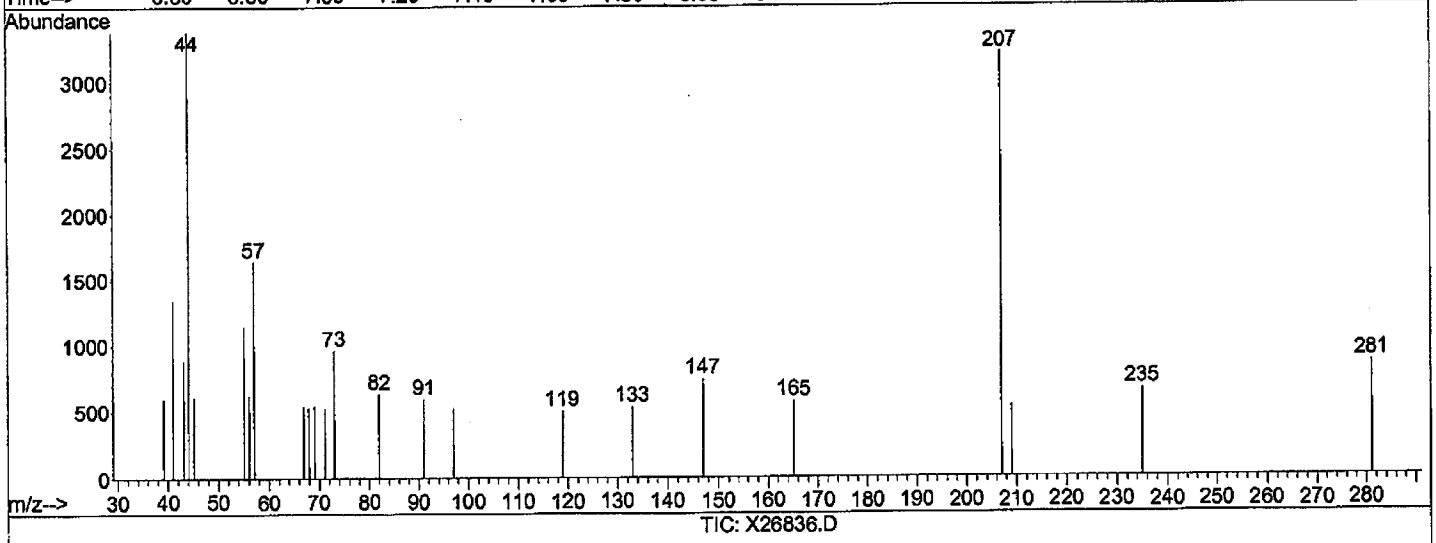
EasyID Report

Data File : D:\DATA\093008\X26836.D
Acq On : 30 Sep 2008 9:13
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Vial: 1
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Fri Sep 26 09:33:17 2008
Response via : Initial Calibration





TIC: X26836.D

(3) 4-4DDT

Exp R.T. 8.43min

response 0

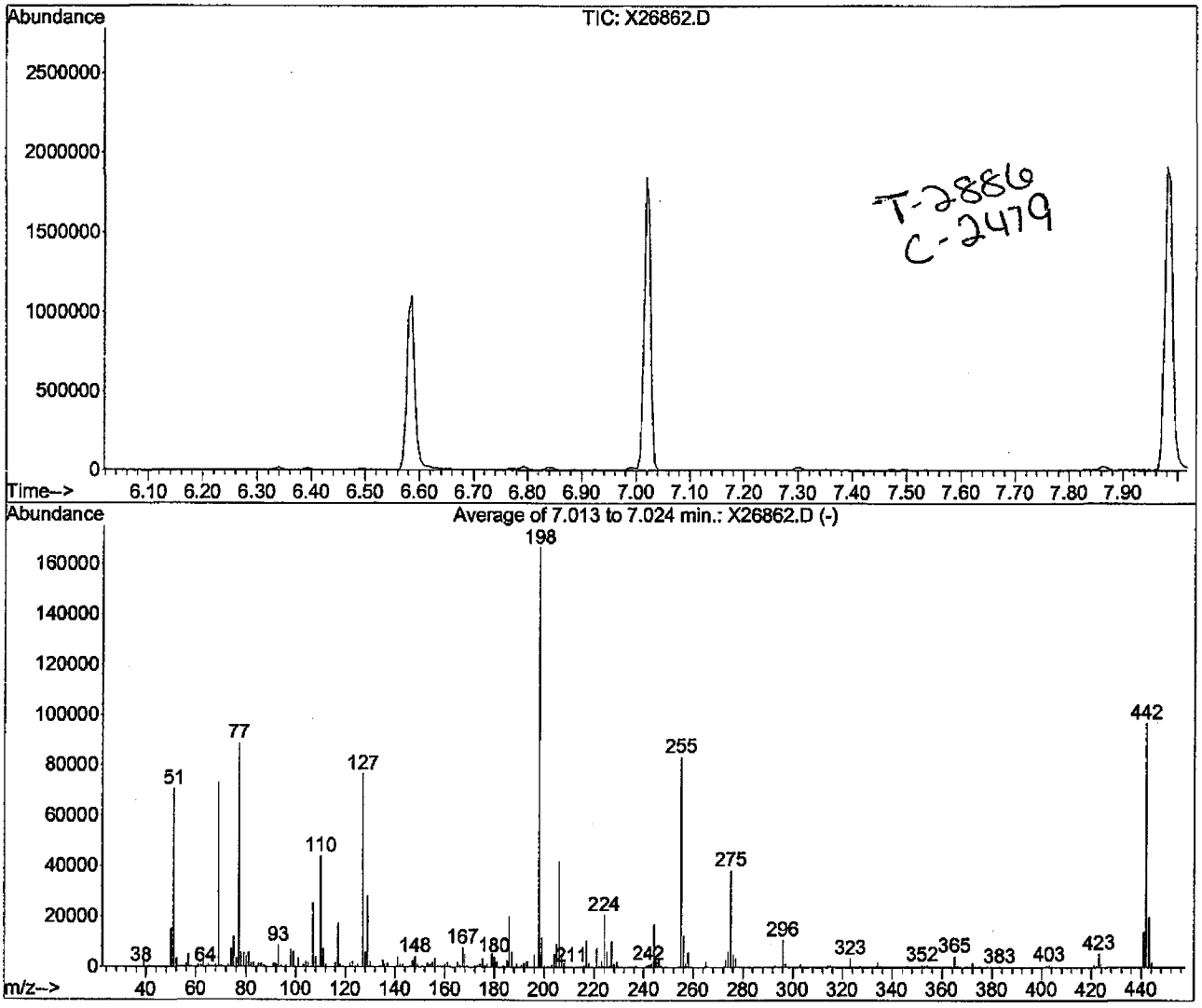
Ion	Exp%	Act%
235.00	100	100
165.00	71.00	87.29
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\093008\X26862.D
Acq On : 30 Sep 2008 20:46
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: rteint.p

Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 737 (7.02 min)
Average of 3 scans: 736,737,738 minus background scan 717 (6.91 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	42.2	70341	PASS
68	69	0	2	1.4	1012	PASS
69	198	0	100	43.7	72856	PASS
70	69	0	2	0.7	536	PASS
127	198	40	60	45.8	76288	PASS
197	198	0	1	0.1	245	PASS
198	198	100	100	100.0	166562	PASS
199	198	5	9	7.0	11712	PASS
275	198	10	30	23.0	38378	PASS
365	198	1	100	2.6	4358	PASS
441	198	0	100	8.4	14037	PASS
442	198	39	110	58.2	96909	PASS
443	442	17	23	20.6	19938	PASS

X26862.D TUNEQ.M Tue Sep 30 20:59:03 2008

Average of 7.013 to 7.024 min.: X26862.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	5125	69.00	72856	85.00	1394	105.05	1794
50.05	15535	74.05	7311	86.00	1389	107.00	25435
51.10	70341	75.05	12176	87.05	854	108.05	4047
52.05	3347	76.05	3469	90.95	1492	110.00	43850
56.00	1263	77.10	88712	92.05	1437	111.00	7307
57.00	5123	78.05	5864	93.00	8529	112.05	1105
61.05	994	79.05	5730	98.00	6927	115.95	1724
62.05	1074	80.05	4013	99.00	6099	117.00	17393
62.95	3036	81.05	5951	101.05	3508	117.85	1246
65.05	1134	82.05	1688	103.05	972	122.00	1540
67.95	1012	83.05	1743	104.05	2087	122.95	2185

Average of 7.013 to 7.024 min.: X26862.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
125.00	1105	147.05	2632	168.00	4840	192.05	1621
127.05	76288	148.05	4058	174.00	1466	193.05	2384
128.00	5942	149.00	1046	175.05	3432	196.00	4700
129.00	28028	152.95	1467	177.00	1192	198.00	166562
130.05	2196	154.00	1038	179.00	5185	199.00	11712
135.05	2938	155.05	1983	180.00	4073	203.00	1062
135.95	1158	156.00	3461	181.05	2040	204.05	5219
137.05	1523	160.00	1172	185.05	2565	205.00	9125
141.05	3977	161.05	1808	186.05	20199	206.10	41952
141.95	1053	165.00	1918	187.05	6238	207.10	5023
143.00	940	167.05	7688	189.05	1405	208.05	1762

Average of 7.013 to 7.024 min.: X26862.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
217.00	10546	244.10	17063	276.05	4778	372.10	1833
218.00	1570	245.05	2647	277.00	3306	403.10	936
221.00	7487	246.05	3414	296.05	10774	421.00	1139
223.00	2297	255.00	83309	297.05	1555	423.05	5476
224.05	20733	256.05	12629	303.05	1265	423.95	1413
225.05	6017	257.05	1331	315.05	942	441.00	14037
227.00	10271	258.00	5838	323.10	3455	442.00	96909
227.95	1225	265.05	2270	334.05	2113	443.10	19938
229.05	2129	273.00	2630	352.05	871	444.10	1789
242.05	1086	274.00	6112	354.05	998		
243.05	1401	275.05	38378	364.95	4358		

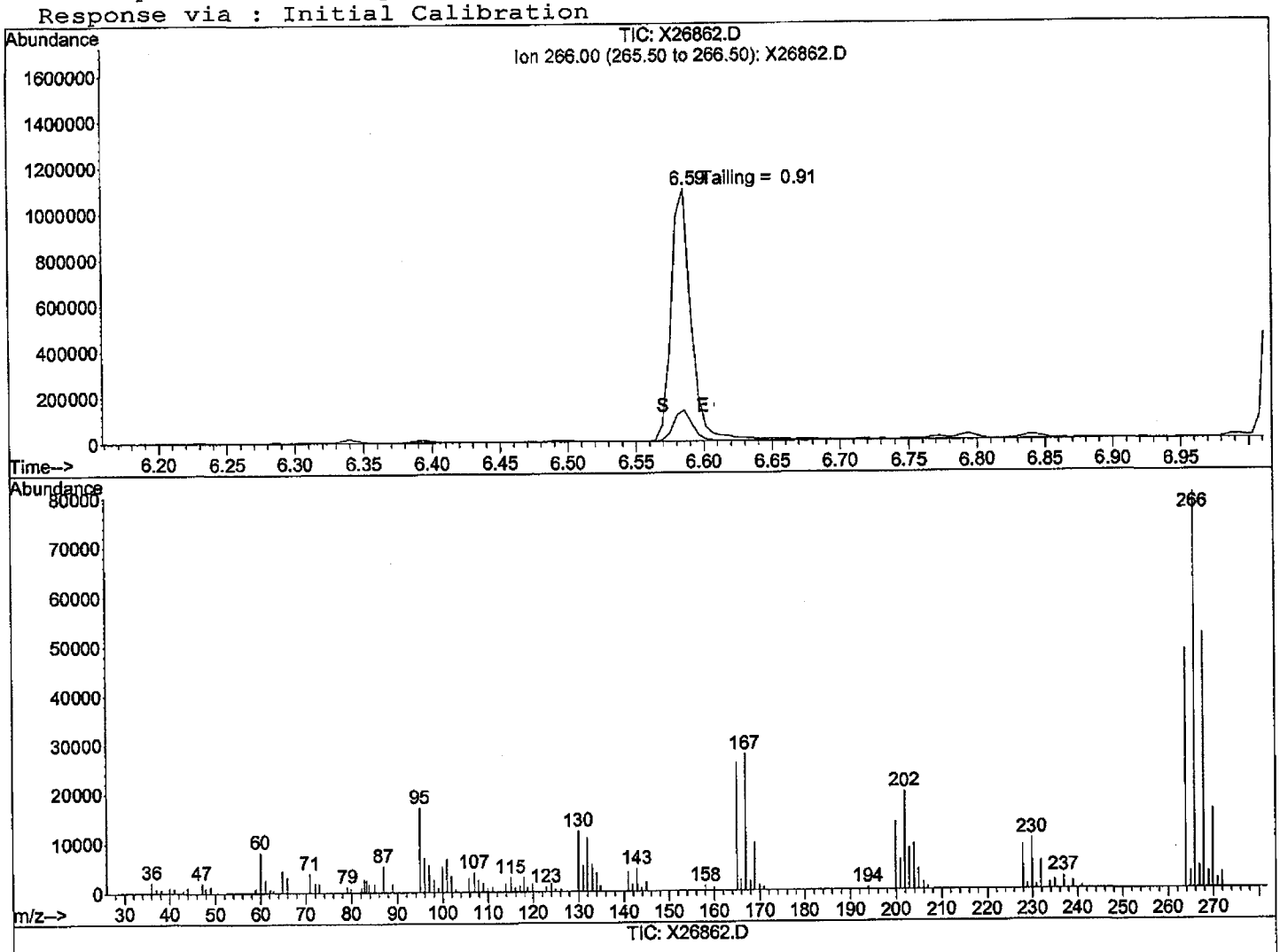
EasyID Report

Data File : D:\DATA\093008\X26862.D
Acq On : 30 Sep 2008 20:46
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 30 09:29:02 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.61min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	6.00	7.33
0.00	0.00	0.00
0.00	0.00	0.00

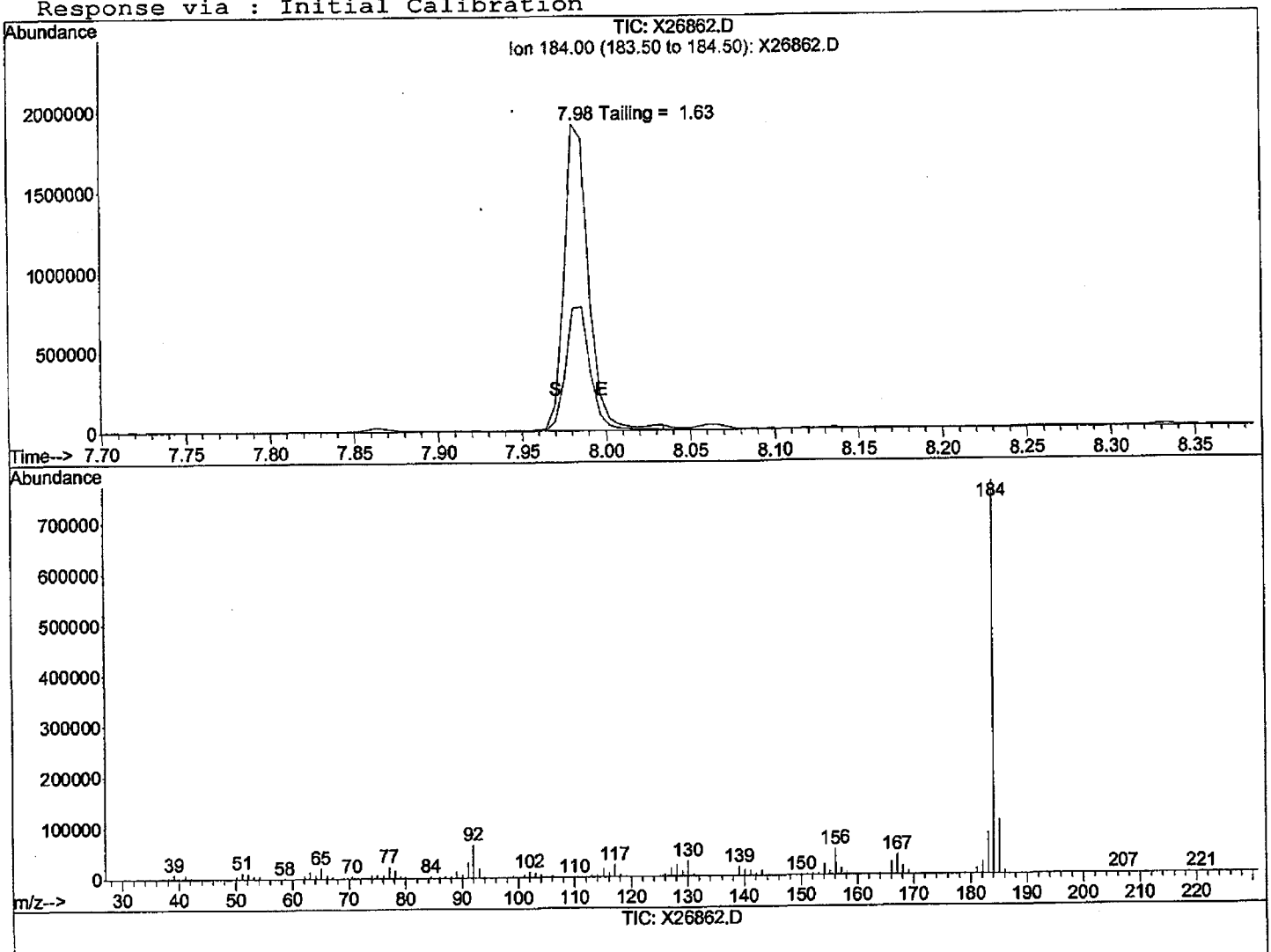
EasyID Report

Data File : D:\DATA\093008\X26862.D
Acq On : 30 Sep 2008 20:46
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 30 09:29:02 2008
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 7.76min

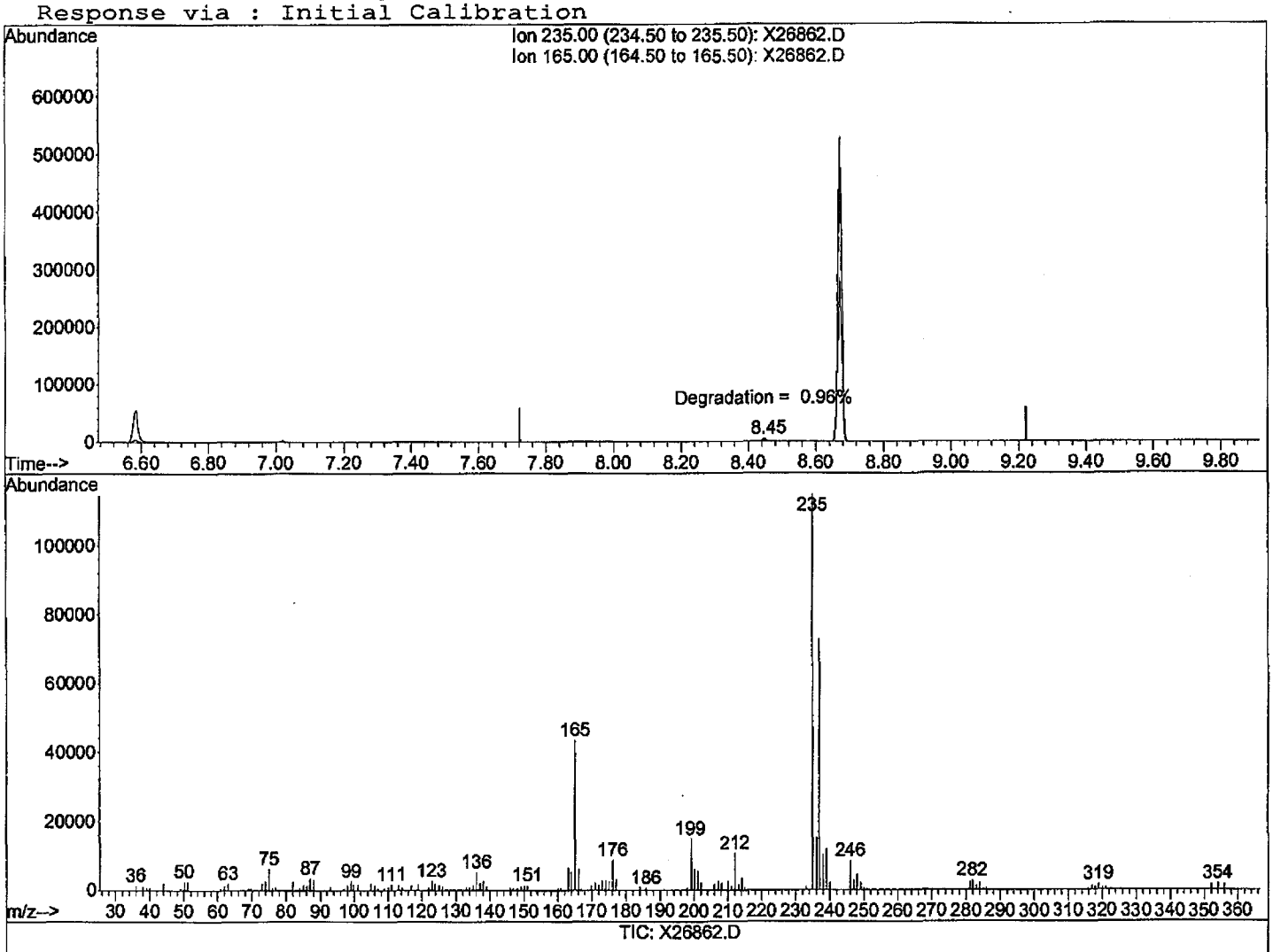
response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	6226.55
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\093008\X26862.D
Acq On : 30 Sep 2008 20:46
Sample : DFTPP 50NG
Misc : SC33-12S
Vial: 1
Operator: JLG
Inst : HP5973X
Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 30 09:29:02 2008
Response via : Initial Calibration



TIC: X26862.D

(3) 4-4DDT

Exp R.T. 8.47min

response 0

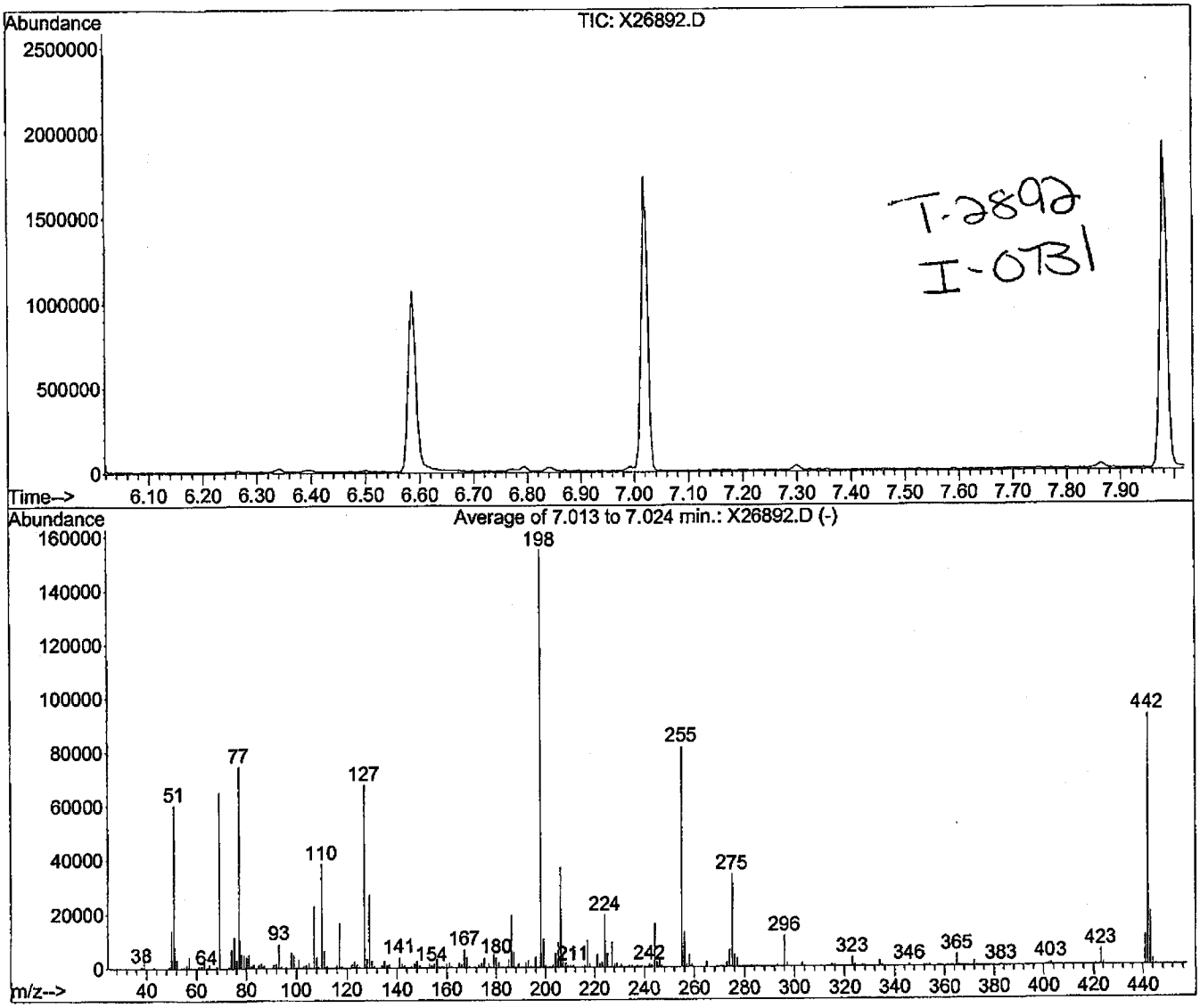
Ion	Exp%	Act%
235.00	100	100
165.00	87.30	37.85
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\100108\X26892.D
Acq On : 1 Oct 2008 10:36
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: rteint.p

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 737 (7.02 min)
Average of 3 scans: 736,737,738 minus background scan 717 (6.91 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	38.8	60218	PASS
68	69	0	2	1.2	753	PASS
69	198	0	100	42.1	65266	PASS
70	69	0	2	0.5	343	PASS
127	198	40	60	43.6	67674	PASS
197	198	0	1	0.2	251	PASS
198	198	100	100	100.0	155157	PASS
199	198	5	9	6.9	10710	PASS
275	198	10	30	22.1	34298	PASS
365	198	1	100	2.8	4310	PASS
441	198	0	100	7.3	11268	PASS
442	198	39	110	59.9	92941	PASS
443	442	17	23	21.3	19787	PASS

X26892.D TUNEQ.M Wed Oct 01 10:47:21 2008

Average of 7.013 to 7.024 min.: X26892.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.00	781	65.00	1532	83.00	1409	103.95	1267
39.05	4248	69.00	65266	85.00	1317	105.05	1962
49.05	791	74.00	6997	86.00	1824	107.00	23026
50.05	14057	75.05	11645	87.00	934	108.00	4129
51.10	60218	76.05	3143	90.95	1368	110.00	38493
52.10	3335	77.10	74565	91.95	1625	111.00	6347
56.00	1460	78.05	5383	93.05	8884	112.05	858
57.00	4109	79.00	5024	98.05	5925	115.95	1011
60.95	852	80.00	3868	99.00	4952	117.05	16612
61.95	1081	80.95	4929	100.95	3189	118.10	973
63.05	3001	81.90	917	103.00	981	121.95	1300

Average of 7.013 to 7.024 min.: X26892.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
123.00	2222	141.00	3925	161.05	1668	181.00	1858
124.05	1272	142.05	1537	165.00	1814	185.00	2918
127.05	67674	142.95	1115	165.95	1033	186.10	19442
127.90	1136	147.05	1672	167.05	6735	187.10	5794
128.05	3442	148.00	2540	168.05	3900	189.00	1546
129.00	27184	149.05	1089	172.95	1017	192.05	2003
130.00	2649	153.05	1387	174.10	1869	193.05	2366
133.95	950	153.95	1107	175.05	3567	196.00	4132
135.00	2768	155.05	1634	177.05	1560	198.00	155157
136.00	1112	156.10	3462	179.00	4826	199.00	10710
136.95	1380	160.05	1560	180.05	3702	203.10	967

Average of 7.013 to 7.024 min.: X26892.D
DFTPP 50NG
Modified:subtracted

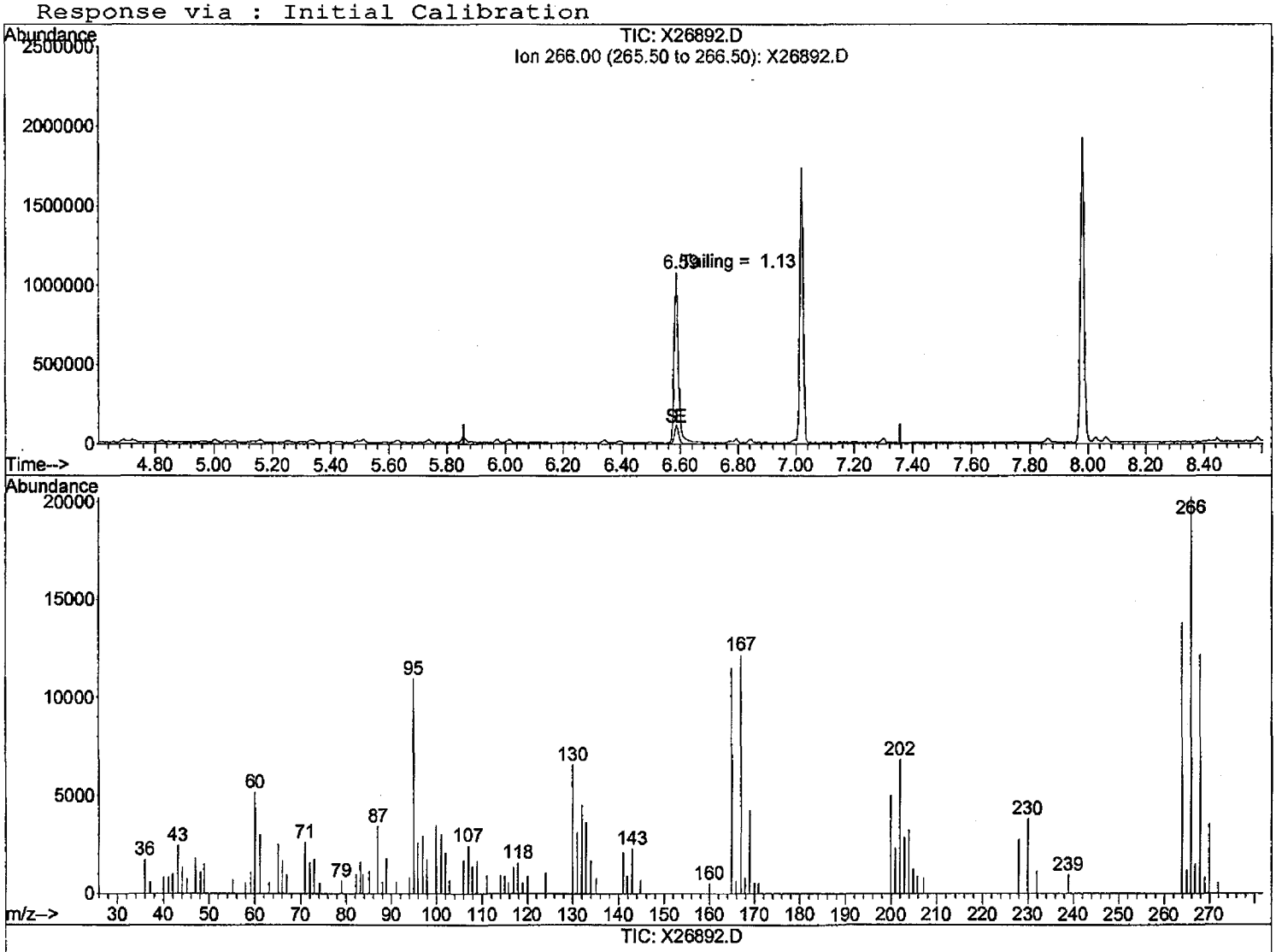
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
204.05	5448	224.05	19400	247.00	807	277.00	3162
205.05	9232	225.05	5135	255.00	81573	296.00	11361
206.10	36976	227.00	9137	256.05	12960	297.05	1402
207.05	5175	228.05	1251	257.00	1052	303.00	1520
208.00	1783	229.00	1635	258.05	4650	315.00	855
211.15	865	231.00	1074	259.05	847	323.05	3341
217.00	10013	242.05	1059	265.00	2057	324.15	855
218.00	1452	243.05	1021	273.00	1784	334.05	2163
221.00	4891	244.10	16177	274.00	6309	365.00	4310
222.05	1382	245.05	2235	275.05	34298	372.05	1967
223.05	1826	246.05	3689	276.00	4552	403.00	1082

Average of 7.013 to 7.024 min.: X26892.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
423.00	5833						
424.05	1012						
441.05	11268						
442.00	92941						
443.00	19787						
444.10	2113						

Data File : D:\DATA\100108\X26892.D Vial: 1
Acq On : 1 Oct 2008 10:36 Operator: aj
Sample : DFTPP 50NG Inst : HP5973X
Misc : SC33-12S Multiplr: 1.00
MS Integration Params: NA
Quant Time: No Quant Results Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 30 20:59:37 2008
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.61min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	6.00	1.88
0.00	0.00	0.00
0.00	0.00	0.00

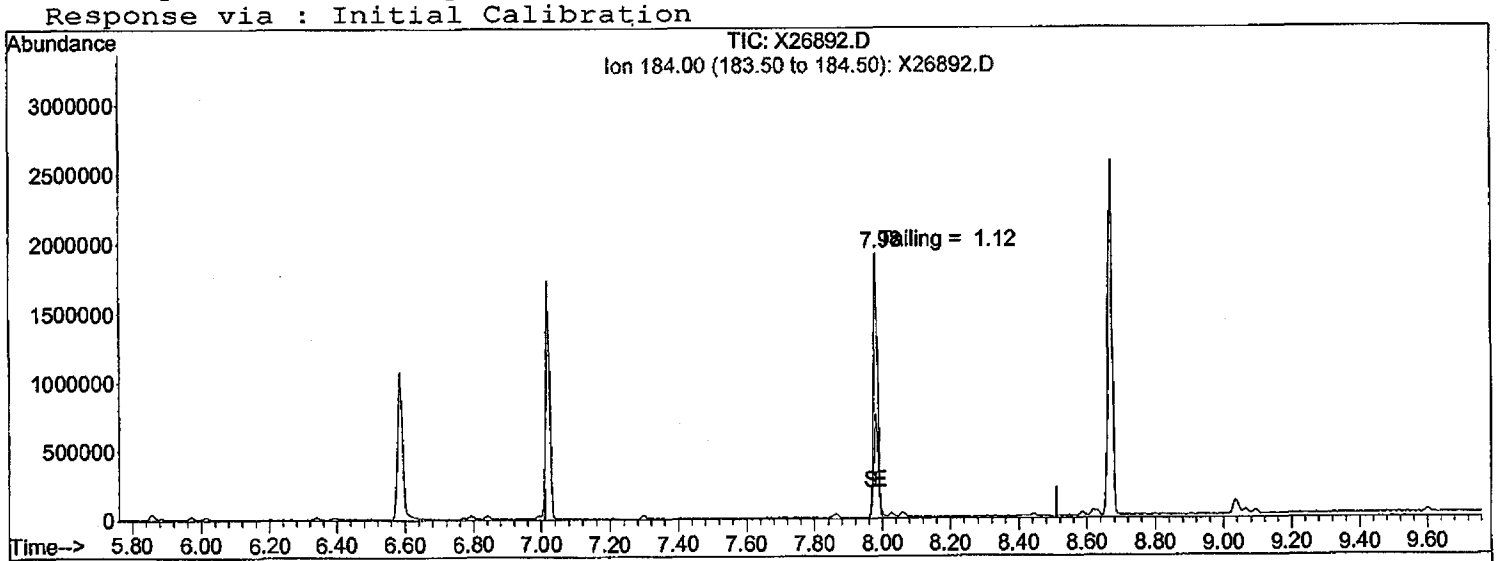
EasyID Report

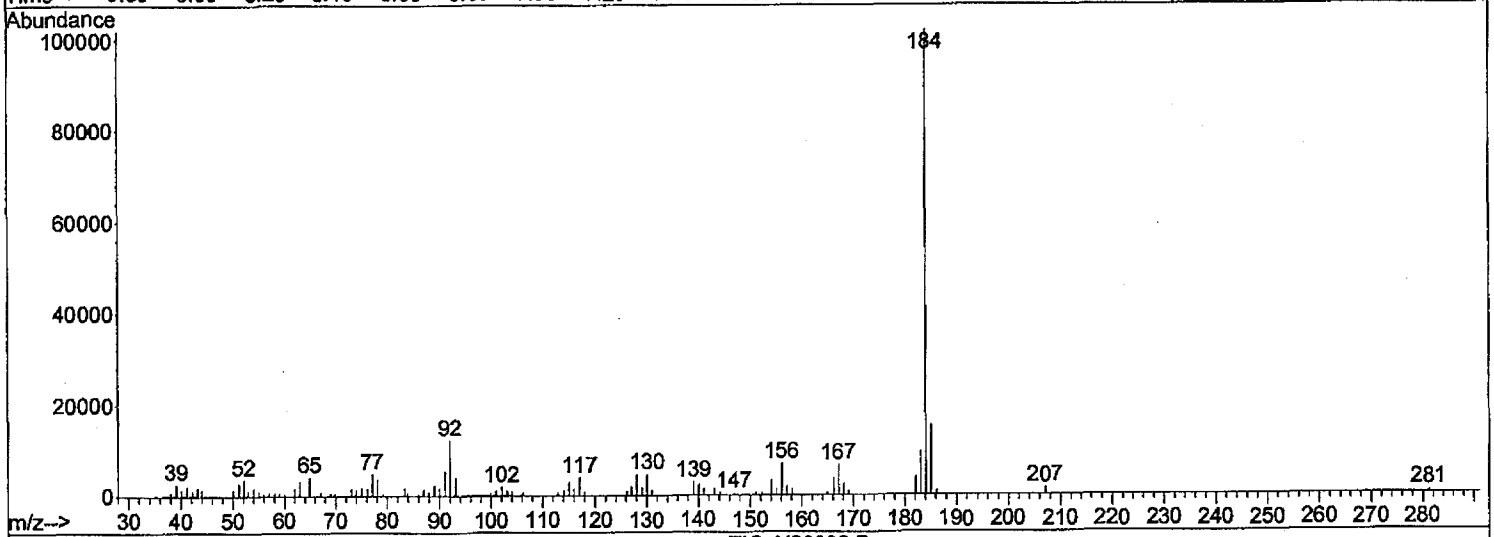
Data File : D:\DATA\100108\X26892.D
Acq On : 1 Oct 2008 10:36
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 30 20:59:37 2008
Response via : Initial Calibration





(2) Benzidine

Exp R.T. 7.76min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	438.48
0.00	0.00	0.00
0.00	0.00	0.00

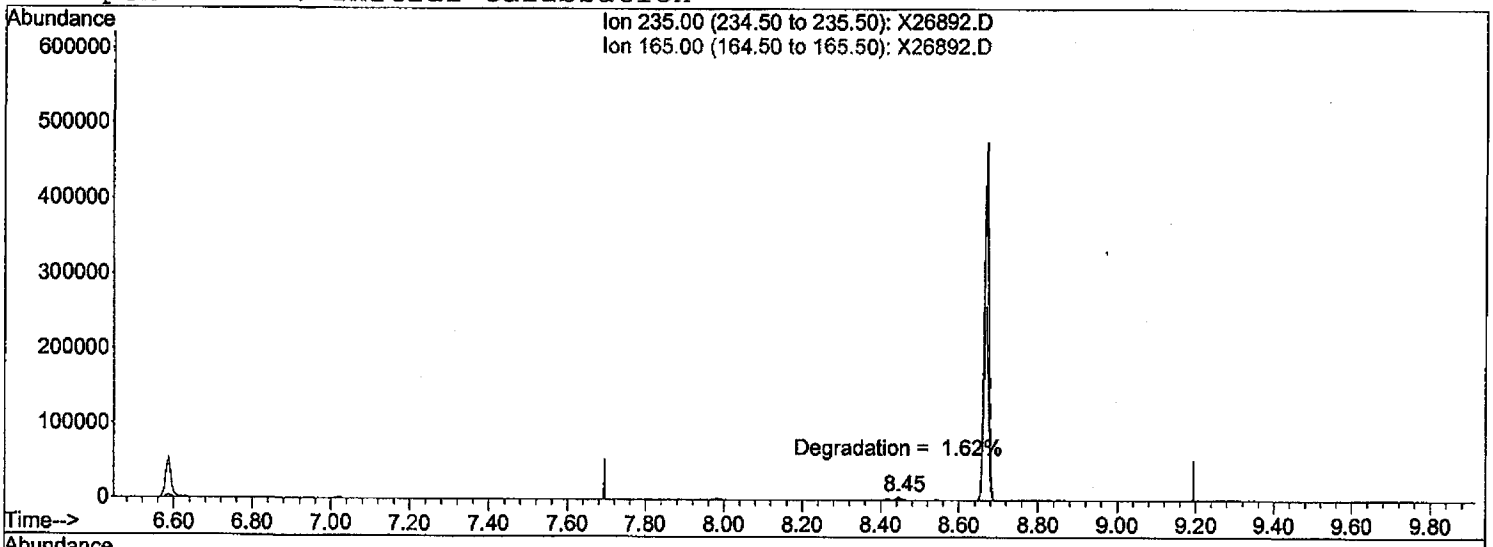
EasyID Report

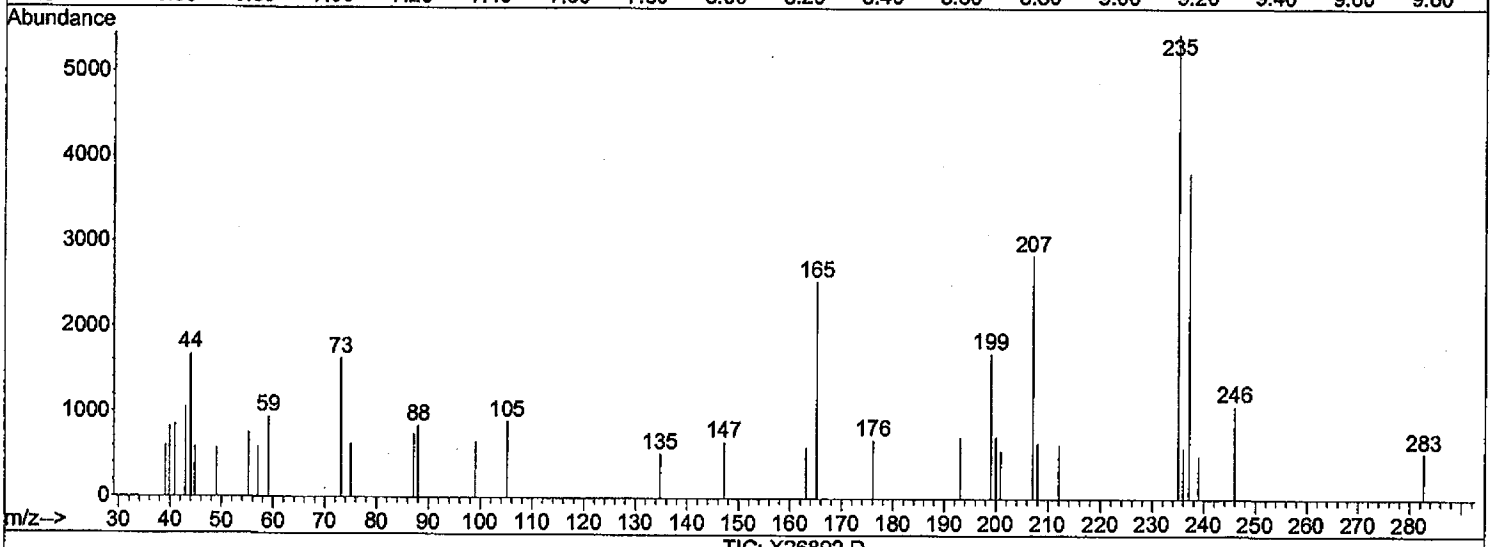
Data File : D:\DATA\100108\X26892.D
Acq On : 1 Oct 2008 10:36
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Tue Sep 30 20:59:37 2008
Response via : Initial Calibration





TIC: X26892.D

(3) 4-4DDT

Exp R.T. 8.45min

response 0

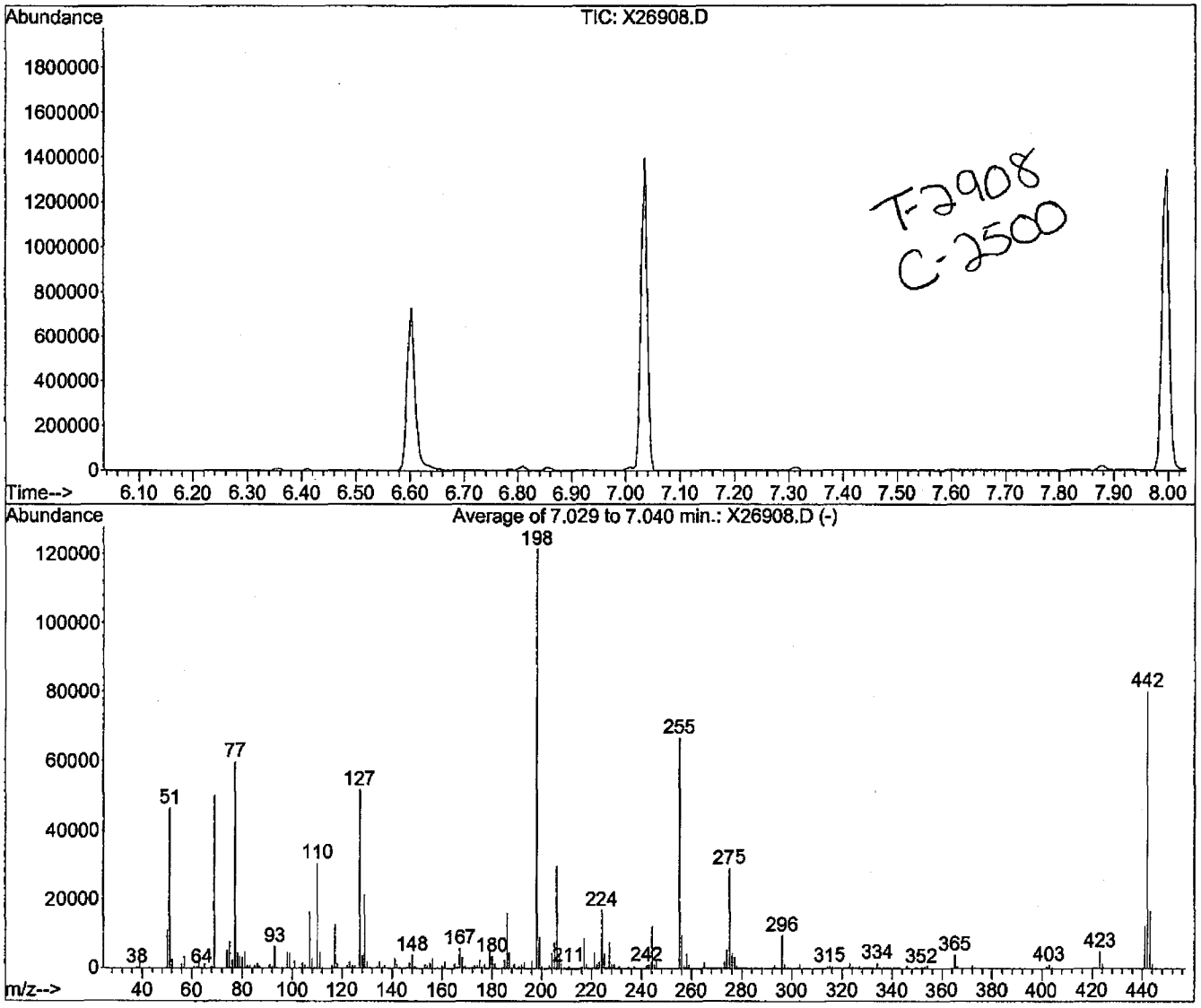
Ion	Exp%	Act%
235.00	100	100
165.00	37.90	46.72
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\100208\X26908.D
Acq On : 2 Oct 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: rteint.p

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis



Peak Apex is scan: 740 (7.03 min)
Average of 3 scans: 739,740,741 minus background scan 720 (6.93 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	38.1	46413	PASS
68	69	0	2	1.1	554	PASS
69	198	0	100	41.1	49997	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	42.5	51768	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	121757	PASS
199	198	5	9	7.6	9229	PASS
275	198	10	30	23.8	29002	PASS
365	198	1	100	3.2	3956	PASS
441	198	0	100	10.1	12284	PASS
442	198	39	110	65.9	80192	PASS
443	442	17	23	20.9	16769	PASS

X26908.D TUNEQ.M Thu Oct 02 08:46:26 2008

Average of 7.029 to 7.040 min.: X26908.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	3596	75.00	7889	91.00	1030	116.00	750
50.10	10903	76.10	2448	93.00	6335	117.05	12691
51.10	46413	77.10	59701	98.05	4731	118.00	1254
52.05	2608	78.05	4459	99.05	4294	121.95	912
55.95	1466	79.00	3453	101.00	2200	123.00	1852
57.05	3472	80.00	3115	104.00	1637	124.05	744
62.10	692	81.05	4619	105.00	1103	125.00	736
63.05	2221	82.05	873	107.00	16577	127.00	51768
65.05	1460	83.05	822	107.95	2926	128.05	3624
69.00	49997	85.05	828	110.00	30523	129.00	21369
74.05	5366	86.00	1321	111.05	4545	130.00	1889

Average of 7.029 to 7.040 min.: X26908.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
135.00	1960	159.95	809	181.00	1324	200.05	719
137.05	894	161.05	1982	185.00	2396	203.10	983
141.05	2911	164.95	1327	186.10	15931	204.00	4612
142.00	1070	167.00	5803	187.05	4593	205.10	7441
147.00	1648	168.05	3285	189.00	1282	206.10	29802
148.00	3864	173.00	787	190.95	639	207.00	3884
149.05	705	174.10	993	192.05	1212	208.00	1355
153.00	1169	175.00	2500	193.00	1584	210.95	741
154.00	753	177.05	1123	196.05	2214	217.00	8741
155.10	1637	179.00	4681	198.00	121757	218.00	1271
156.05	2883	180.05	3472	199.00	9229	221.05	4467

Average of 7.029 to 7.040 min.: X26908.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
222.05	1177	244.10	12089	275.05	29002	334.05	1534
223.00	1947	245.05	1240	276.10	4198	345.80	670
224.10	16936	246.00	2799	277.00	3217	354.05	879
225.05	4296	255.05	66768	277.95	716	365.05	3956
227.05	7537	256.00	9734	293.00	827	366.00	672
228.00	1232	256.90	893	296.00	9528	372.00	918
228.95	1183	258.00	4149	297.00	1227	401.95	675
231.05	689	259.00	1064	303.10	1212	402.95	1086
237.05	701	265.05	1666	315.00	762	423.05	4828
242.05	886	273.00	1932	322.90	1324	424.05	1401
242.95	1294	274.00	5315	323.10	1399	441.00	12284

Average of 7.029 to 7.040 min.: X26908.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
442.00	80192						
443.05	16769						
443.95	1475						

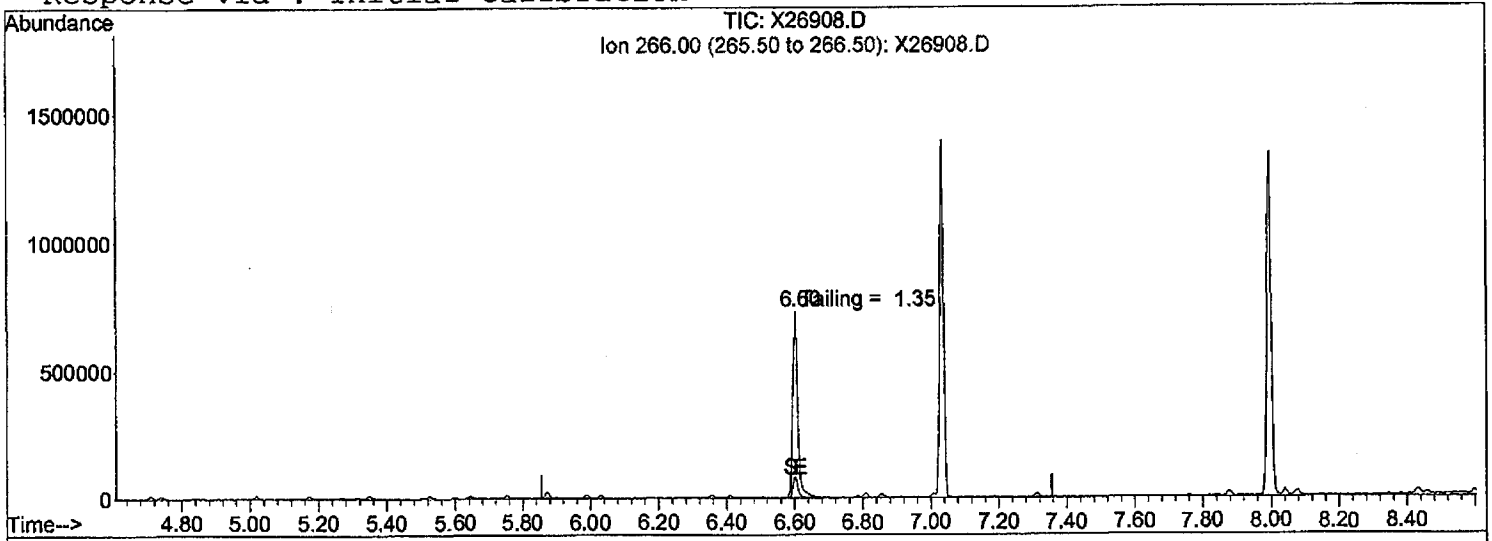
EasyID Report

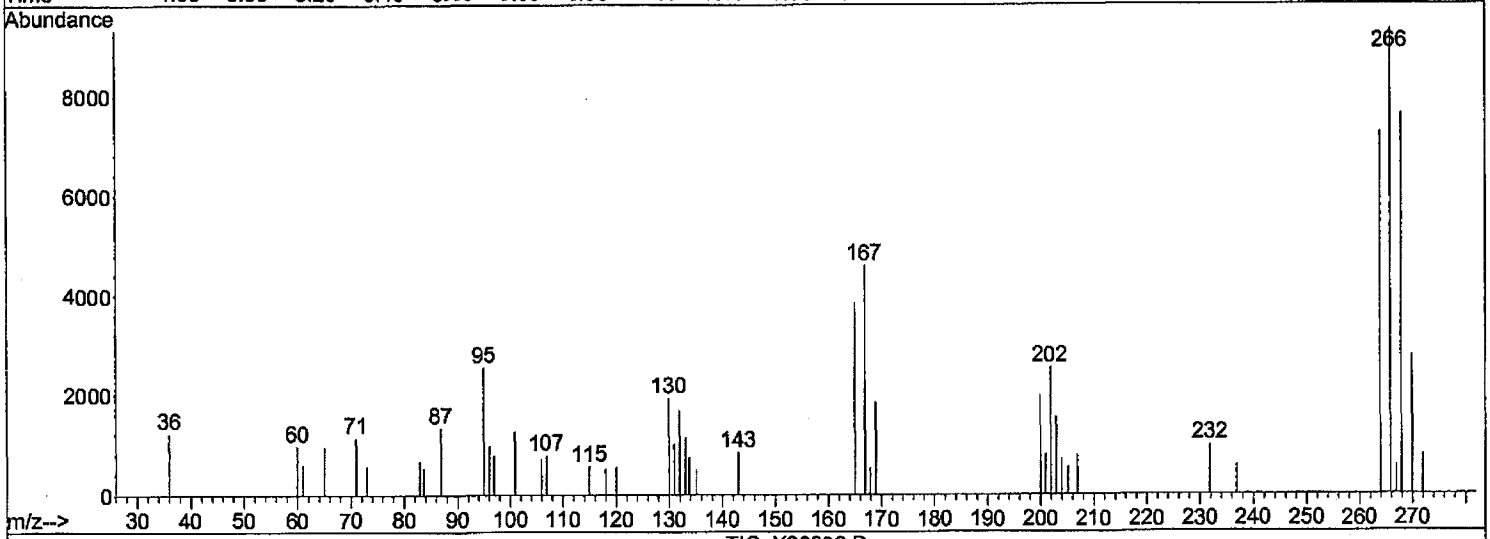
Data File : D:\DATA\100208\X26908.D
Acq On : 2 Oct 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Oct 01 10:47:43 2008
Response via : Initial Calibration





TIC: X26908.D

(1) Pentachlorophenol

Exp R.T. 6.61min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	6.00	1.28
0.00	0.00	0.00
0.00	0.00	0.00

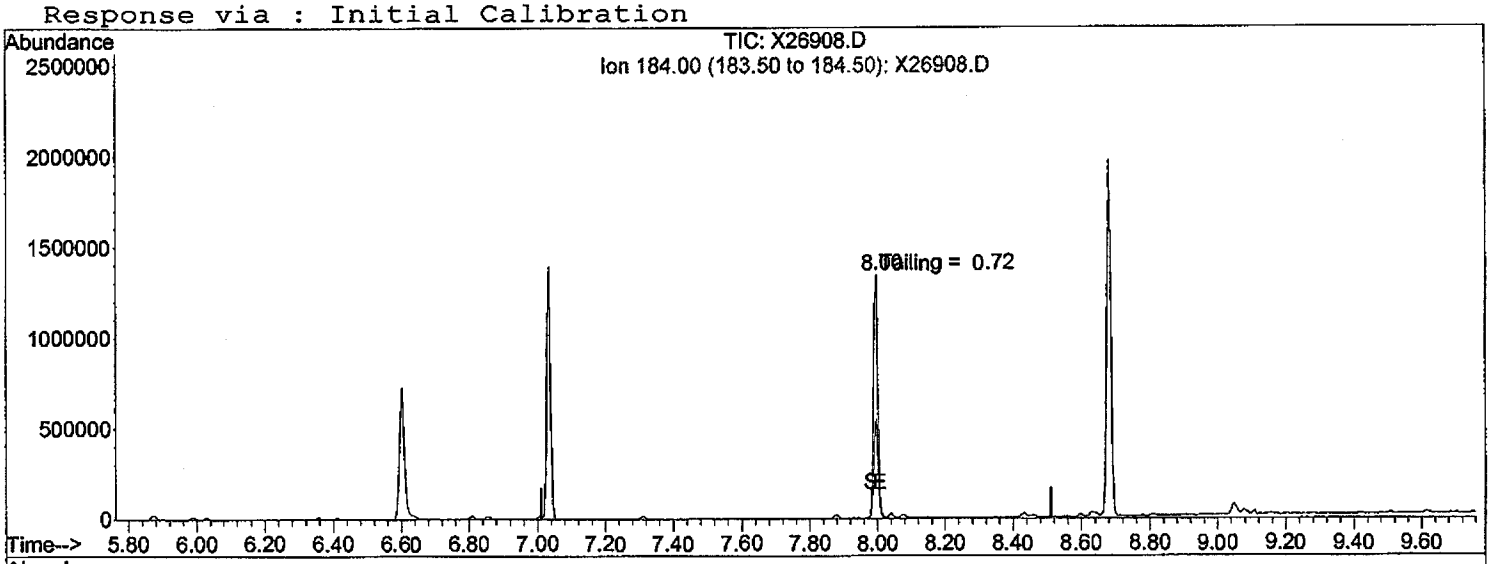
EasyID Report

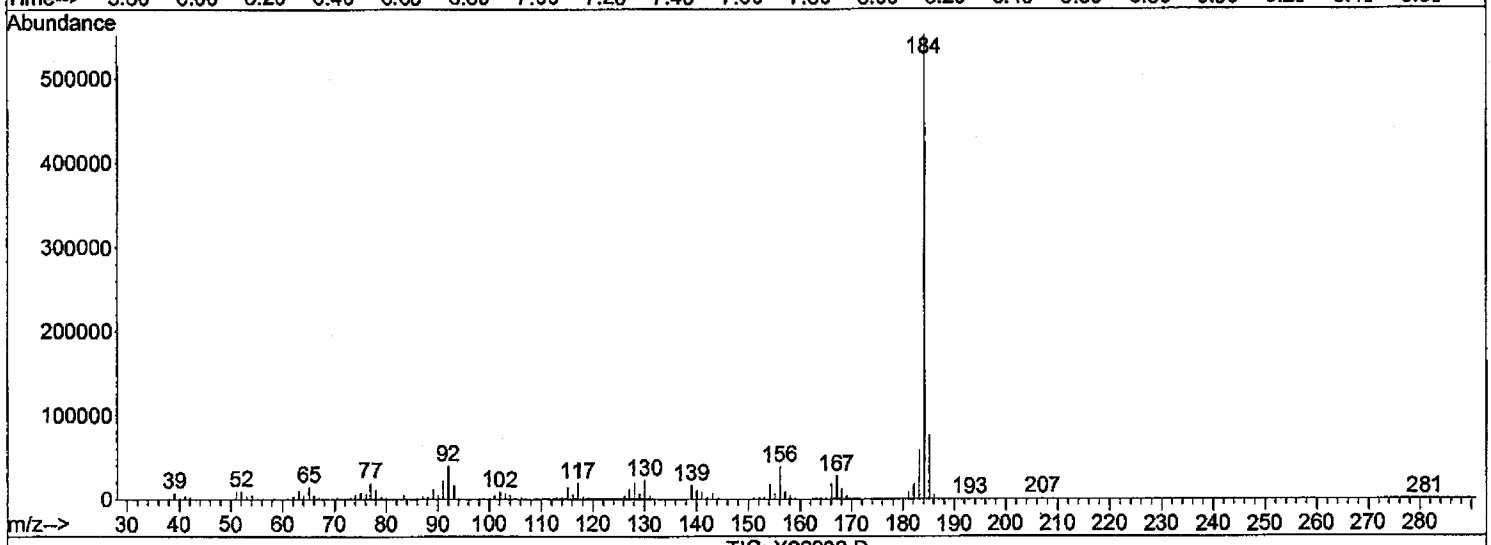
Data File : D:\DATA\100208\X26908.D
Acq On : 2 Oct 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Oct 01 10:47:43 2008
Response via : Initial Calibration





(2) Benzidine

Exp R.T. 7.76min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	13725.42
0.00	0.00	0.00
0.00	0.00	0.00

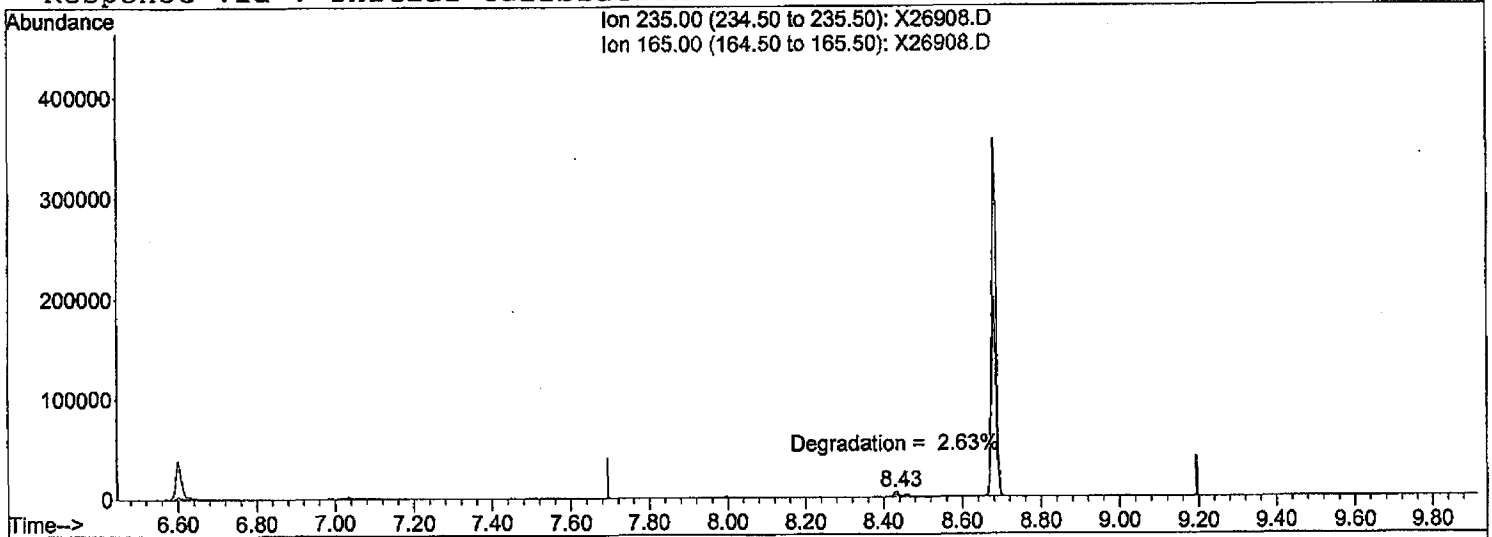
EasyID Report

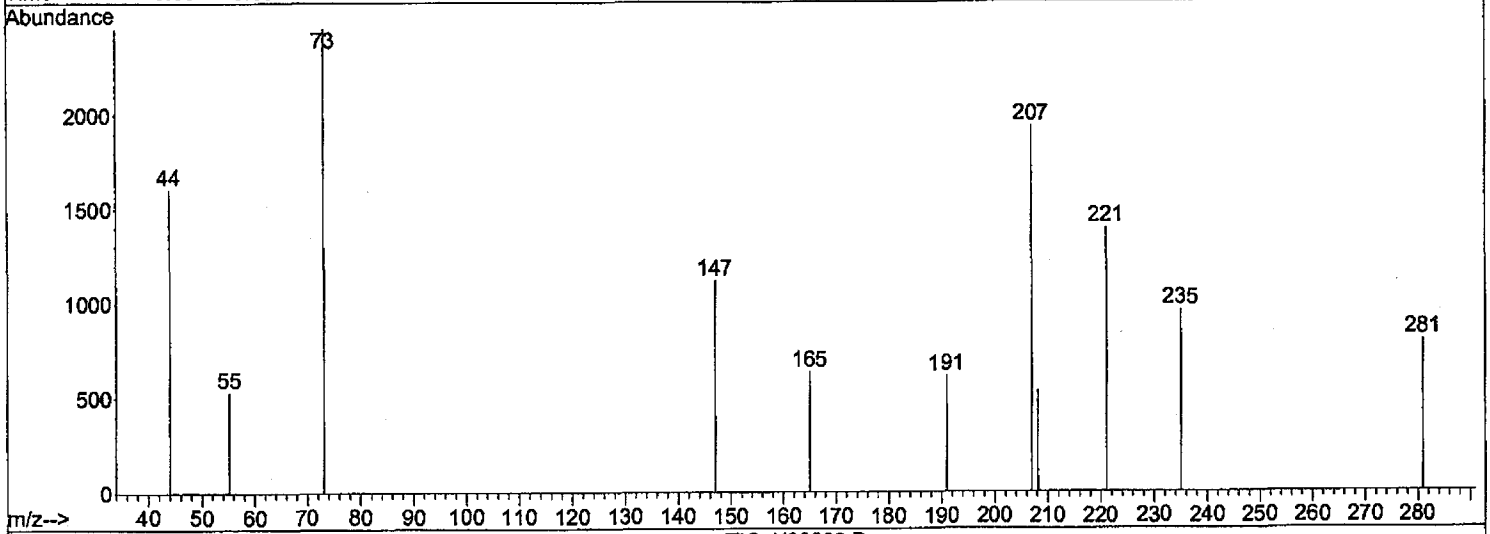
Data File : D:\DATA\100208\X26908.D
Acq On : 2 Oct 2008 8:31
Sample : DFTPP 50NG
Misc : SC33-12S
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: aj
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Oct 01 10:47:43 2008
Response via : Initial Calibration





TIC: X26908.D

(3) 4-4DDT

Exp R.T. 8.45min

response 0

Ion	Exp%	Act%
235.00	100	100
165.00	46.70	66.15
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30747.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30747.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.2	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301502

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30747.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

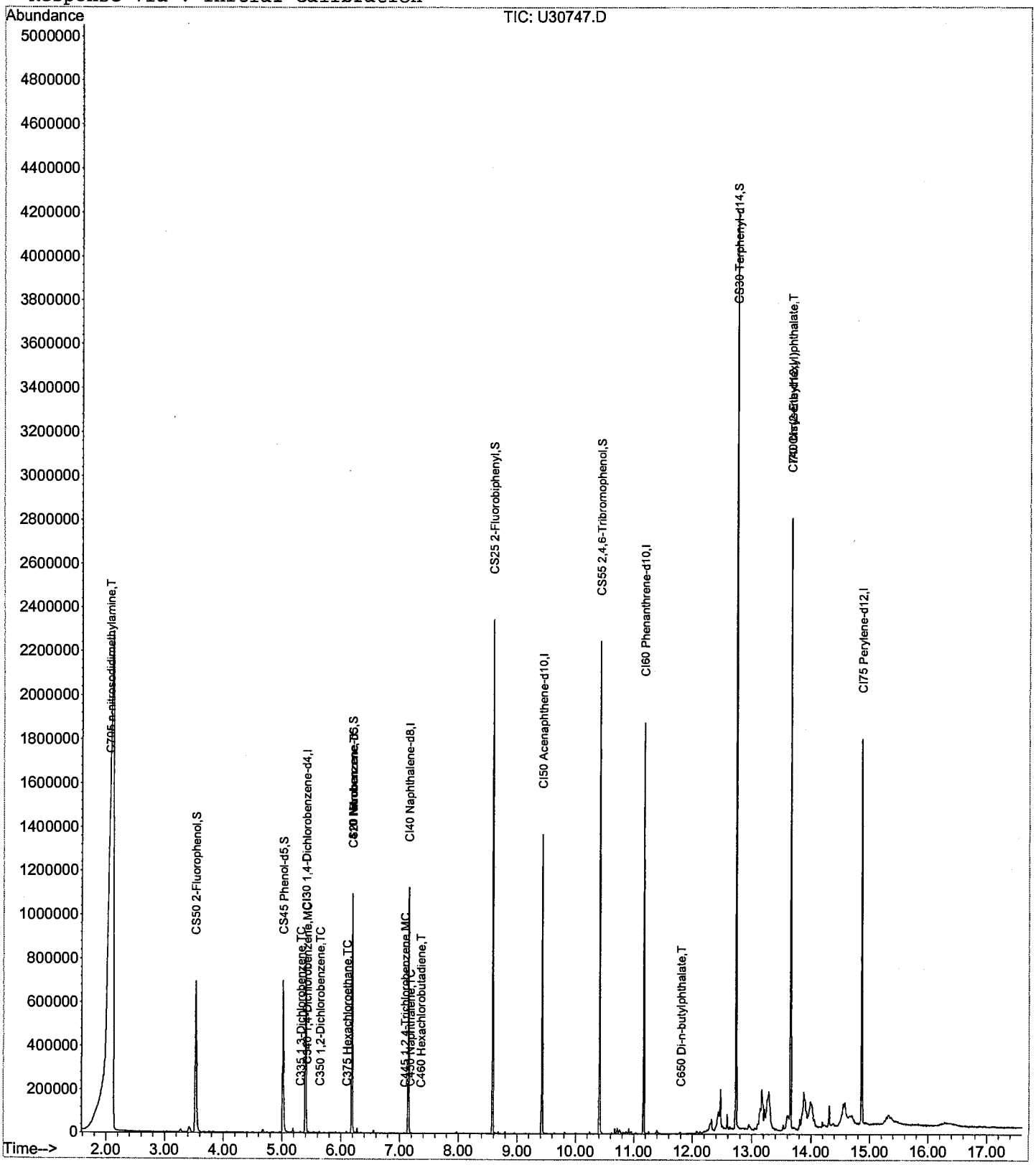
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092908\U30747.D Vial: 12
Acq On : 29 Sep 2008 18:38 Operator: MD
Sample : SBLK56 AW80017465 Inst : HP5973U
Misc : 08-B706/27/34/8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 7:06 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration



Quantitation Report **1161/3787**

Data File : D:\DATA\092908\U30747.D Vial: 12
Acq On : 29 Sep 2008 18:38 Operator: MD
Sample : SBLK56 AW80017465 Inst : HP5973U
Misc : 08-B706/27/34/8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 07:06:50 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092908\U30736.D (29 Sep 2008 14:24)

SSM 9/30/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.40	152	143699	40.00	ng	0.00 99.76%
20) CI40 Naphthalene-d8	7.15	136	529166	40.00	ng	0.00 95.31%
35) CI50 Acenaphthene-d10	9.43	164	305037	40.00	ng	0.00 103.59%
56) CI60 Phenanthrene-d10	11.17	188	632741	40.00	ng	0.00 99.92%
68) CI70 Chrysene-d12	13.65	240	852404	40.00	ng	0.00 122.31%
78) CI75 Perylene-d12	14.85	264	613037	40.00	ng	0.00 82.65%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.53	112	307686	60.94	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 40.63%			
5) CS45 Phenol-d5	5.01	99	298677	49.49	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 32.99%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.19	82	384174	66.17	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 66.17%			
39) CS25 2-Fluorobiphenyl	8.58	172	683245	60.86	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 60.86%			
59) CS55 2,4,6-Tribromophenol	10.41	330	186145	119.51	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 79.67%			
71) CS30 Terphenyl-d14	12.73	244	998666	55.90	ng ✓	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 55.90%			
Target Compounds						Qvalue
~~2) C705 n-nitrosodidimethylam~~	~~2.06~~	~~74~~	~~179~~	~~0.26~~	~~ng~~	~~# 3~~
4) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	5.31	146	2010	0.35	ng	86
11) C340 1,4-Dichlorobenzene	5.42	146	2231	0.39	ng	83
13) C350 1,2-Dichlorobenzene	5.63	146	1742	0.32	ng	92
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisopropyl	5.83	45	436	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	6.10	117	838	0.36	ng	95
18) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
~~22) C410 Nitrobenzene~~	~~6.19~~	~~77~~	~~1792~~	~~0.30~~	~~ng~~	~~# 37~~
23) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

10.5.0.d

Data File : D:\DATA\092908\U30747.D Vial: 12
Acq On : 29 Sep 2008 18:38 Operator: MD
Sample : SBLK56 AW80017465 Inst : HP5973U
Misc : 08-B706/27/34/8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 07:06:50 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
24)	C430 benzoic acid	0.00	122	0	N.D.		
25)	C420 2-Nitrophenol	0.00	139	0	N.D.		
26)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
28)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
29)	C445 1,2,4-Trichlorobenzen	7.08	180	1021	0.23 ng	#	68
30)	C450 Naphthalene	7.18	128	3080	0.22 ng		82
31)	C455 4-Chloroaniline	7.18	127	169	N.D.		
32)	C460 Hexachlorobutadiene	7.36	225	654	0.23 ng	#	48
33)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
34)	C470 2-Methylnaphthalene	8.09	142	853	N.D.		
36)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	8.67	162	942	N.D.		
41)	C530 2-Nitroaniline	0.00	65	0	N.D.		
42)	C540 Acenaphthylene	9.25	152	184	N.D.		
43)	C535 Dimethylphthalate	0.00	163	0	N.D.		
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45)	C550 Acenaphthene	0.00	153	0	N.D.		
46)	C545 3-Nitroaniline	0.00	138	0	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	9.69	168	161	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	9.82	149	2319	N.D.		
54)	C620 1,2 diphenylhydrazine	10.41	77	1903	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	11.19	178	1206	N.D.		
64)	C645 Anthracene	0.00	178	0	N.D.		
65)	C647 carbazole	0.00	167	0	N.D.		
66)	C650 Di-n-butylphthalate	11.80	149	4611	0.23 ng		79
67)	C655 Fluoranthene	12.37	202	168	N.D.		
69)	C715 Pyrene	12.37	202	168	N.D.		
70)	C710 benzidine	0.00	184	0	N.D.		
72)	C720 Butylbenzylphthalate	13.17	149	5024	Below Cal		82
73)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
74)	C730 Benzo[a]anthracene	13.65	228	2387	N.D.		
75)	C735 Chrysene	13.65	228	2387	N.D.		
76)	C740 bis(2-Ethylhexyl)phth	13.65	149	9314	0.34 ng		91
77)	C760 Di-n-octylphthalate	14.20	149	1392	Below Cal		74
79)	C765 Benzo[b]fluoranthene	0.00	252	0	N.D.		
80)	C770 Benzo[k]fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Data File : D:\DATA\092908\U30747.D
Acq On : 29 Sep 2008 18:38
Sample : SBLK56 AW80017465
Misc : 08-B706/27/34/8
MS Integration Params: rteint.p
Quant Time: Sep 30 07:06:50 2008

Vial: 12
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.86	252	2195	N.D.		
82)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
83)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092908\U30747.D
Acq On : 29 Sep 2008 18:38
Sample : SBLK56 AW80017465
Misc : 08-B706/27/34/8
MS Integration Params: rteint.p
Quant Time: Sep 30 14:39:55 2008

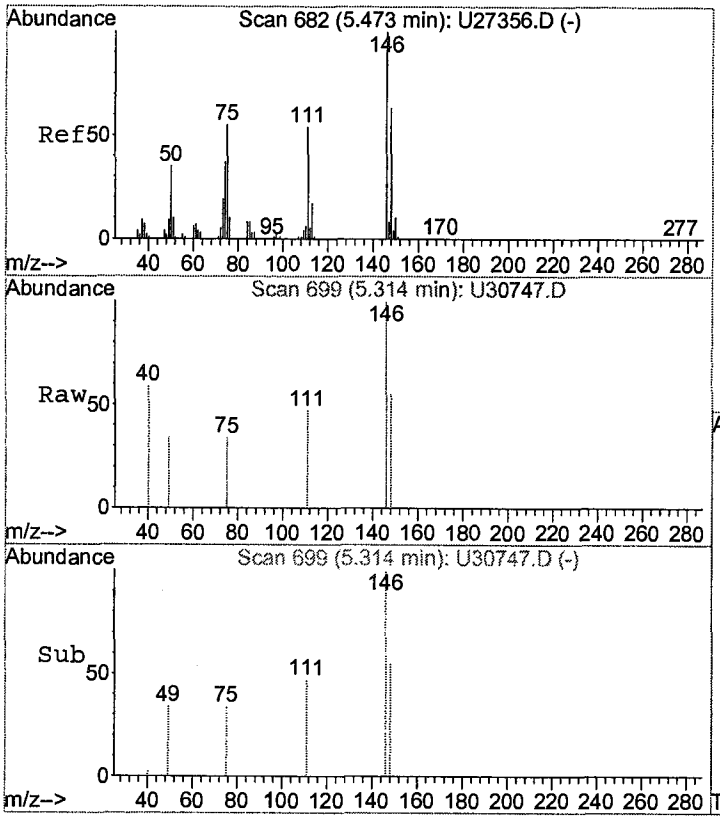
Vial: 12
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.40	152	143699	40.00	ng	-0.45 98.00%
4) CI40 Naphthalene-d8	7.15	136	529166	40.00	ng	-0.37 93.97%
7) CI50 Acenaphthene-d10	9.43	164	305037	40.00	ng	-0.36 99.53%
10) CI60 Phenanthrene-d10	11.17	188	632741	40.00	ng	-0.33 97.18%
12) CI70 Chrysene-d12	13.65	240	852404	40.00	ng	-0.34 128.47%
13) CI75 Perylene-d12	14.85	264	613037	40.00	ng	-0.45 115.16%

Target Compounds					Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.	
3) E145 Acetophenone	5.86	105	163	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachlorobe	0.00	216	0	N.D.	
8) C811 1,1'-Biphenyl	8.71	154	1376	N.D.	
9) E230 2,3,4,6-Tetrachloroph	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

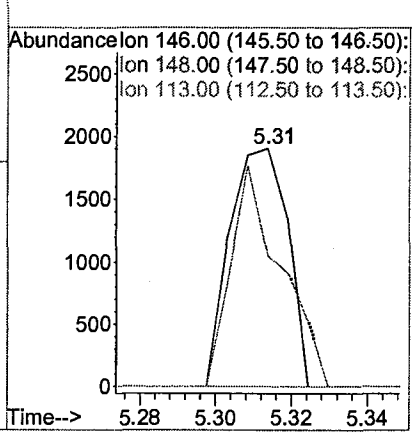
(#) = qualifier out of range (m) = manual integration

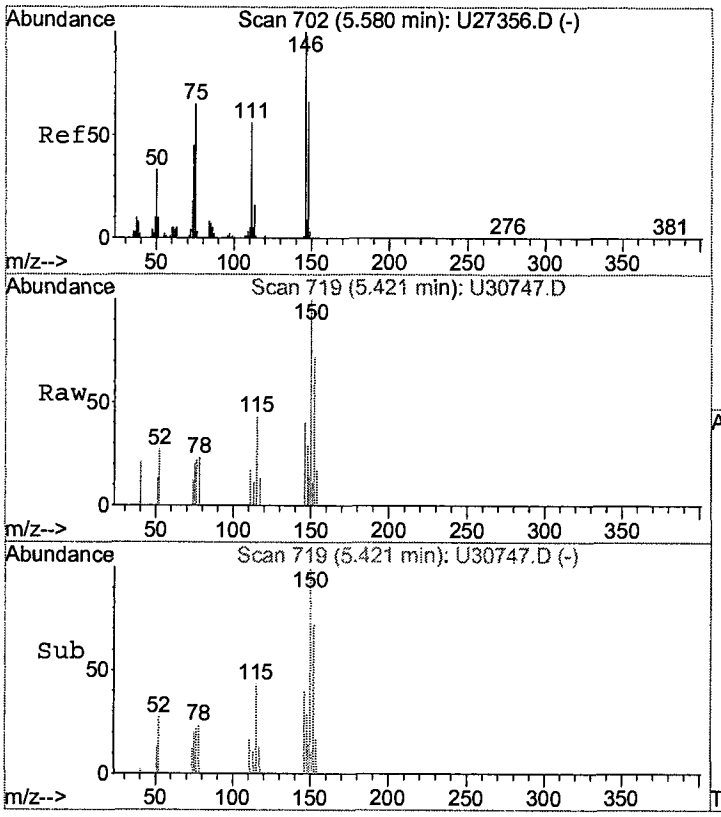


#10
C335 1,3-Dichlorobenzene
Concen: 0.35 ng
RT: 5.31 min Scan# 699
Delta R.T. -0.00 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:146 Resp: 2010

Ion	Ratio	Lower	Upper
146	100		
148	55.2	41.9	81.9
113	0.0	0.0	34.2

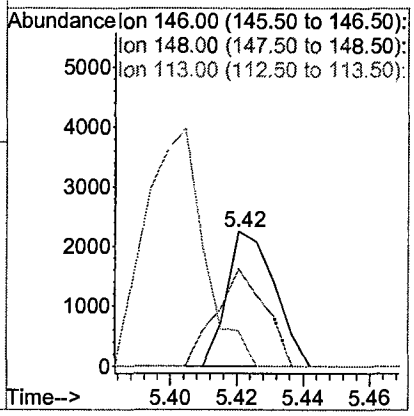


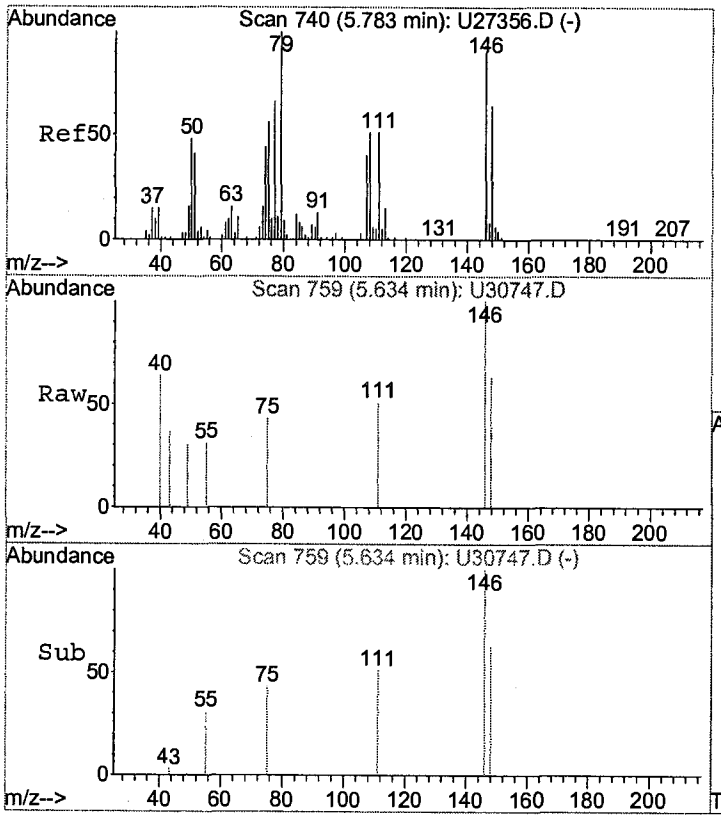


#11
C340 1,4-Dichlorobenzene
Concen: 0.39 ng
RT: 5.42 min Scan# 719
Delta R.T. -0.01 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:146 Resp: 2231

Ion	Ratio	Lower	Upper
146	100		
148	71.9	41.7	81.7
113	26.3	0.0	33.4

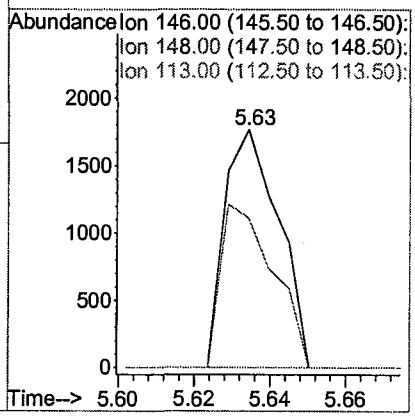


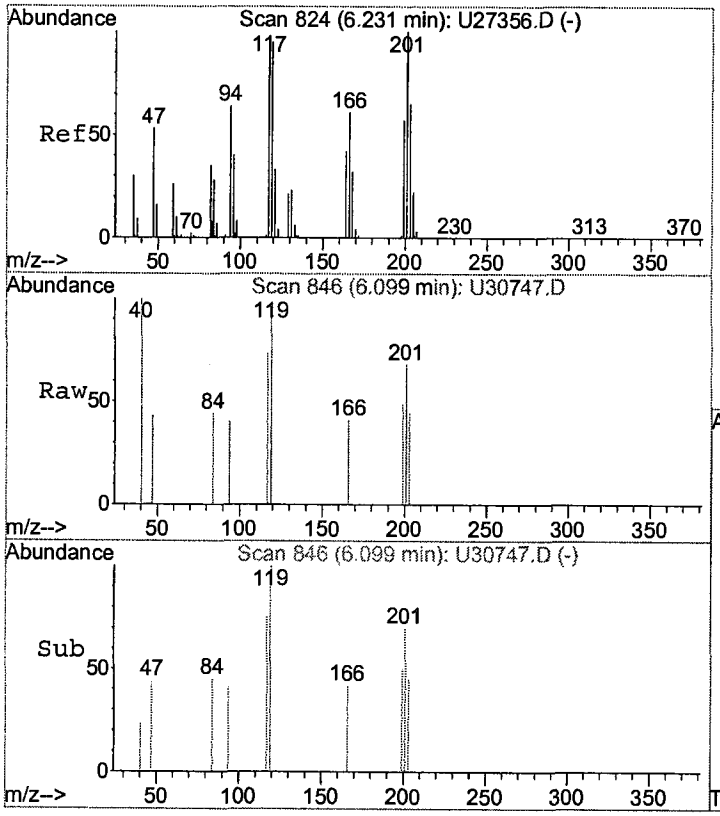


#13
C350 1,2-Dichlorobenzene
Concen: 0.32 ng
RT: 5.63 min Scan# 759
Delta R.T. -0.00 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:146 Resp: 1742

Ion	Ratio	Lower	Upper
146	100		
148	63.0	42.2	82.2
113	0.0	0.0	35.0

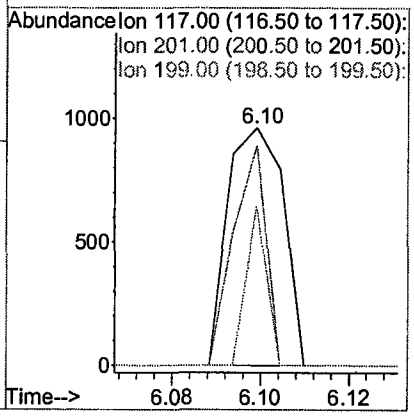


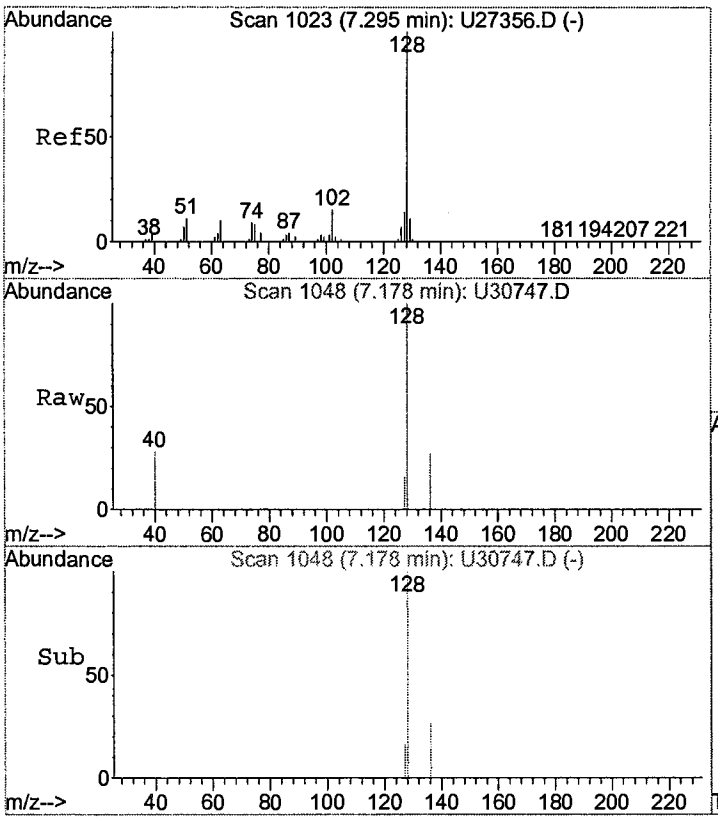


#17
C375 Hexachloroethane
Concen: 0.36 ng
RT: 6.10 min Scan# 846
Delta R.T. -0.01 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:117 Resp: 838

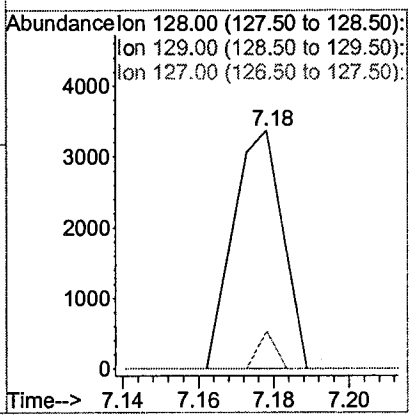
Ion	Ratio	Lower	Upper
117	100		
201	92.7	74.3	114.3
199	67.1	38.5	78.5

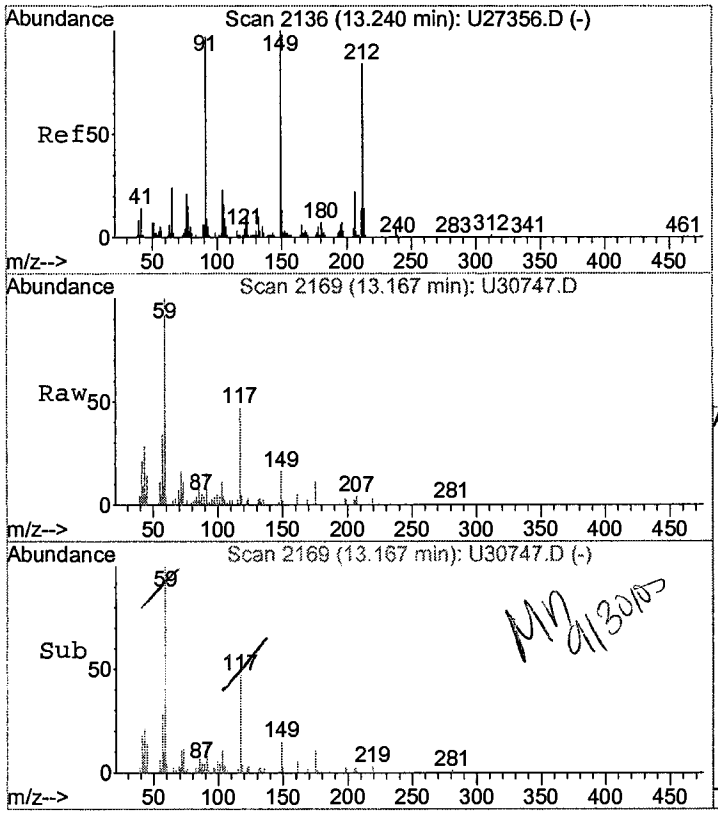




#30
C450 Naphthalene
Concen: 0.22 ng
RT: 7.18 min Scan# 1048
Delta R.T. -0.00 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

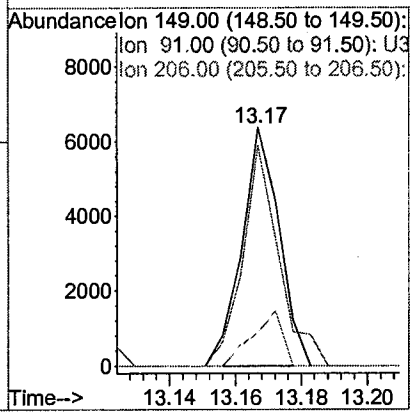
Tgt Ion:128	Resp:	3080	
Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	30.1
127	15.6	0.0	31.5

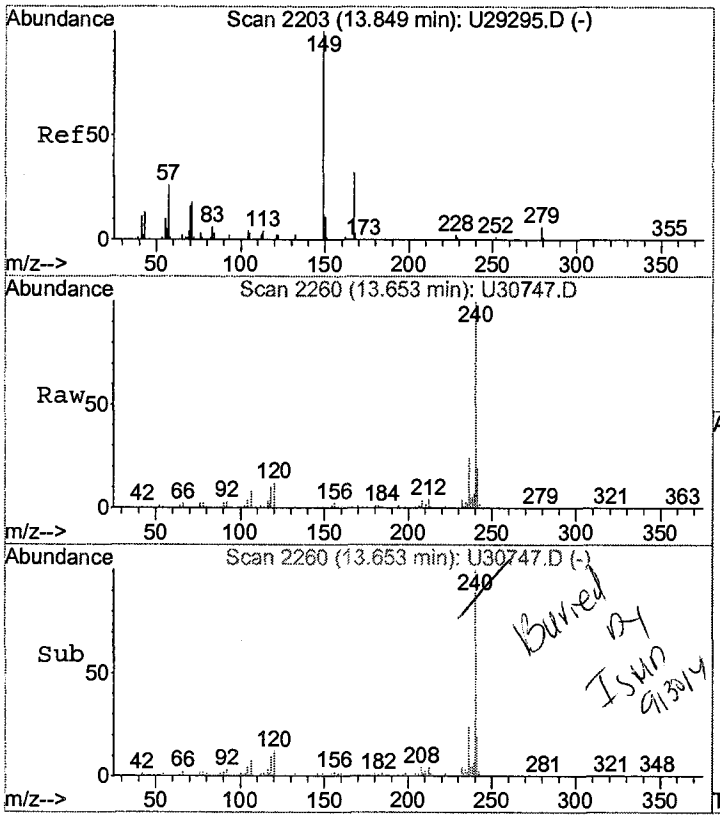




#72
C720 Butylbenzylphthalate
Concen: Below Cal
RT: 13.17 min Scan# 2169
Delta R.T. -0.01 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:149	Resp:	5024	
Ion	Ratio	Lower	Upper
149	100		
91	92.6	57.0	97.0
206	13.6	2.7	42.7

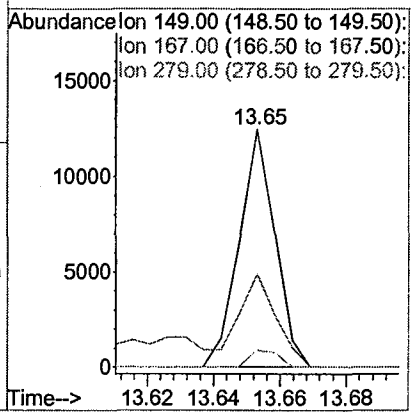


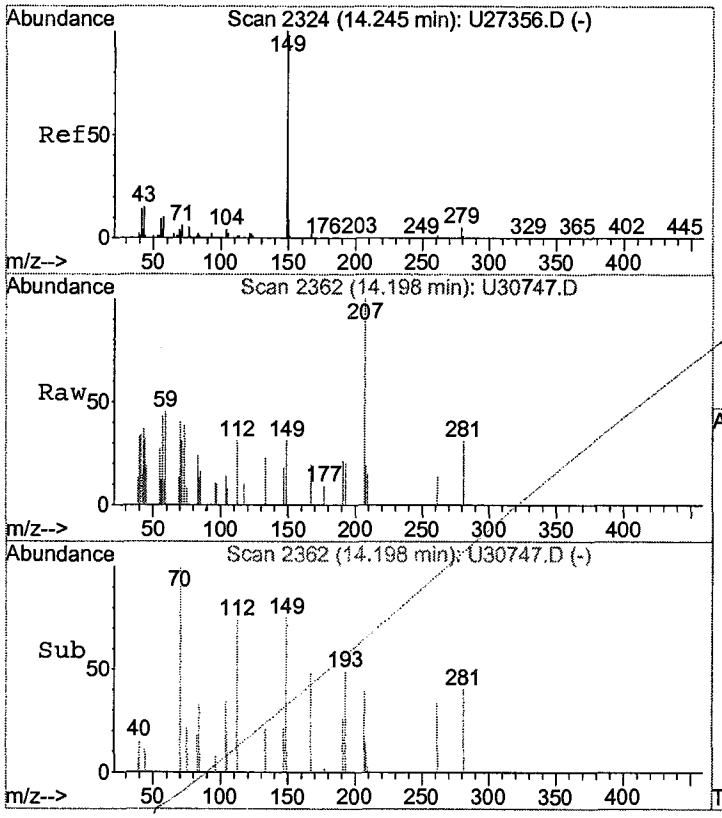


#76
C740 bis(2-Ethylhexyl)phthalate
Concen: 0.34 ng
RT: 13.65 min Scan# 2260
Delta R.T. -0.00 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:149 Resp: 9314

Ion	Ratio	Lower	Upper
149	100		
167	39.2	13.1	53.1
279	7.0	0.0	27.5

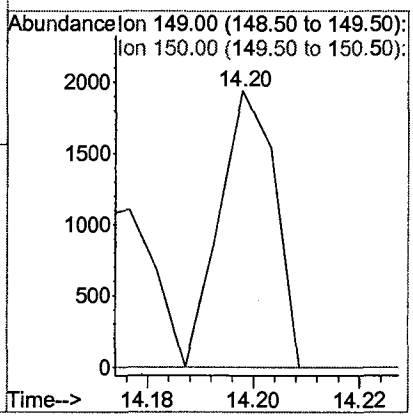




#77
C760 Di-n-octylphthalate
Concen: Below Cal
RT: 14.20 min Scan# 2362
Delta R.T. 0.03 min
Lab File: U30747.D
Acq: 29 Sep 2008 18:38

Tgt Ion:149 Resp: 1392

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	29.5



METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26806.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	0.3	J
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26806.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26806.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

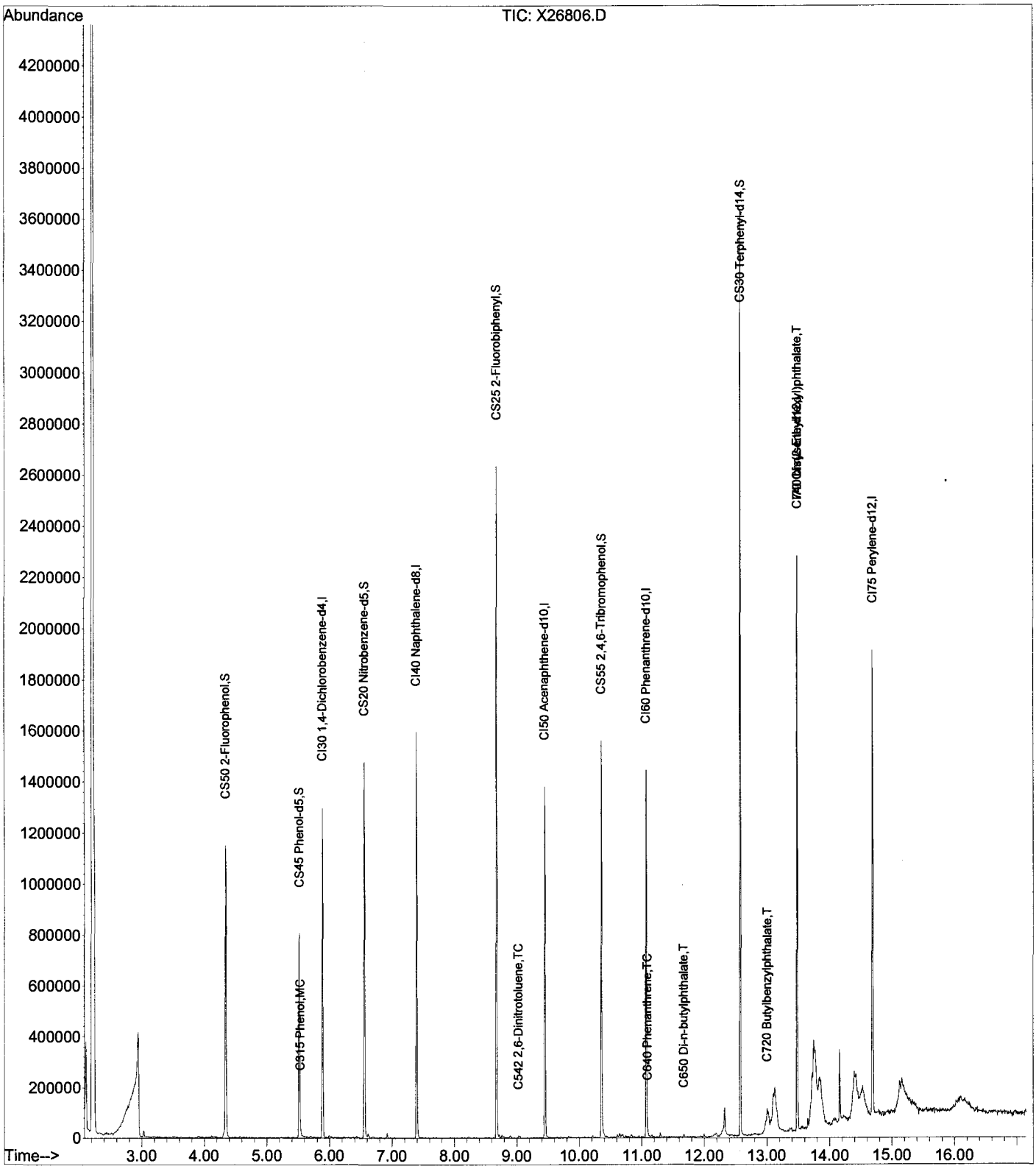
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26806.D Vial: 11
Acq On : 26 Sep 2008 12:38 Operator: AJ
Sample : SBLK60 AW80017303 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 29 11:07:55 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26806.D Vial: 11
Acq On : 26 Sep 2008 12:38 Operator: AJ
Sample : SBLK60 AW80017303 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 11:07:55 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

JW 09/29/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.89	152	184974	40.00	ng	0.00 88.70%
20) CI40 Naphthalene-d8	7.39	136	624765	40.00	ng	-0.01 87.50%
35) CI50 Acenaphthene-d10	9.45	164	323952	40.00	ng	-0.01 102.02%
56) CI60 Phenanthrene-d10	11.07	188	531072	40.00	ng	0.00 82.37%
68) CI70 Chrysene-d12	13.48	240	812610	40.00	ng	0.00 90.81%
78) CI75 Perylene-d12	14.69	264	664317	40.00	ng	0.00 66.67%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.35	112	319567	49.88	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.25%			
5) CS45 Phenol-d5	5.52	99	273105	31.88	ng	-0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 21.25%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.56	82	435866	65.96	ng	-0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 65.96%			
39) CS25 2-Fluorobiphenyl	8.67	172	741421	59.15	ng	-0.01
Spiked Amount 100.000	Range 43 - 116		Recovery = 59.15%			
59) CS55 2,4,6-Tribromophenol	10.36	330	164020	126.81	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 84.54%			
71) CS30 Terphenyl-d14	12.58	244	916217	55.32	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 55.32%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)e	5.52	93	964	N.D.	
~~7) C315 Phenol~~	~~5.54~~	~~94~~	~~5057~~	~~0.53 ng~~	~~77~~
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	5.52	93	964	N.D.	
10) C335 1,3-Dichlorobenzene	5.82	146	208	N.D.	
11) C340 1,4-Dichlorobenzene	5.91	146	196	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisoprop	6.06	45	166	N.D.	
16) C355 2-Methylphenol	6.25	108	213	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	6.47	108	166	N.D.	
22) C410 Nitrobenzene	6.58	77	331	N.D.	
23) C415 Isophorone	6.69	82	900	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

10-15-08

Data File : D:\DATA\092608\X26806.D Vial: 11
Acq On : 26 Sep 2008 12:38 Operator: AJ
Sample : SBLK60 AW80017303 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 11:07:55 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	7.33	180	248	N.D.		
30) C450 Naphthalene	7.42	128	2207	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	8.17	107	173	N.D.		
34) C470 2-Methylnaphthalene	8.25	142	189	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	8.77	162	1153	N.D.		
41) C530 2-Nitroaniline	8.90	65	217	N.D.		
42) C540 Acenaphthylene	0.00	152	0	N.D.		
43) C535 Dimethylphthalate	8.77	163	205	N.D.		
~~44) C542 2,6-Dinitrotoluene~~	~~9.03~~	~~165~~	~~815~~	~~0.29 ng~~	~~#~~	~~28~~
45) C550 Acenaphthene	9.49	153	835	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	9.71	168	2501	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	10.08	166	1429	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	9.88	149	186	N.D.		
54) C620 1,2-diphenylhydrazi	0.00	77	0	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
~~63) C640 Phenanthrene~~	~~11.10~~	~~178~~	~~3411~~	~~0.23 ng~~		~~95~~
64) C645 Anthracene	11.15	178	690	N.D.		
65) C647 carbazole	11.36	167	549	N.D.		
(66) C650 Di-n-butylphthalate	11.67	149	4320	0.26 ng		68
67) C655 Fluoranthene	12.23	202	690	N.D.		
69) C715 Pyrene	12.44	202	1253	N.D.		
70) C710 benzidine	12.32	184	247	N.D.		
(72) C720 Butylbenzylphthalate	13.00	149	1906	0.20 ng	#	83
73) C725 3,3'-Dichlorobenzid	13.48	252	166	N.D.		
74) C730 Benzo[a]anthracene	13.48	228	2389	N.D.		
75) C735 Chrysene	13.48	228	2389	N.D.		
(76) C740 bis(2-Ethylhexyl)phth	13.49	149	3179	0.23 ng		87
77) C760 Di-n-octylphthalate	14.02	149	1492	N.D.		
79) C765 Benzo[b]fluoranthen	14.37	252	952	N.D.		
80) C770 Benzo[k]fluoranthen	14.38	252	717	N.D.		
81) C775 Benzo[a]pyrene	14.63	252	220	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	15.69	276	540	N.D.		
83) C785 Dibenz[a,h]anthrace	15.71	278	1298	N.D.		
84) C790 Benzo[g,h,i]perylen	15.98	276	858	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26806.D Vial: 11
Acq On : 26 Sep 2008 12:38 Operator: AJ
Sample : SBLK60 AW80017303 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 14:48:59 2008 Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Sep 29 12:44:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

JW 9/29/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.89	152	184974	40.00	ng	0.00 84.10%
4) CI40 Naphthalene-d8	7.39	136	624765	40.00	ng	0.00 75.25%
7) CI50 Acenaphthene-d8	9.45	164	323952	40.00	ng	0.00 81.48%
10) CI60 Phenanthrene-d10	11.07	188	531072	40.00	ng	0.01 67.75%
12) CI70 Chrysene-d12	13.48	240	812610	40.00	ng	0.01 102.50%
13) CI75 Perylene-d12	14.69	264	664317	40.00	ng	0.00 83.61%

Target Compounds						Qvalue
2) E600 Benzaldehyde	5.39	77	474	N.D.		
3) E145 Acetophenone	6.39	105	223	N.D.		
~~5) E655 Caprolactam~~	~~8.67~~	~~113~~	~~4142~~	~~4.99~~	~~ng~~	~~# 35~~
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.79	154	1842	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26938.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	50	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26938.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	0.3	J
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	0.4	J
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26938.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

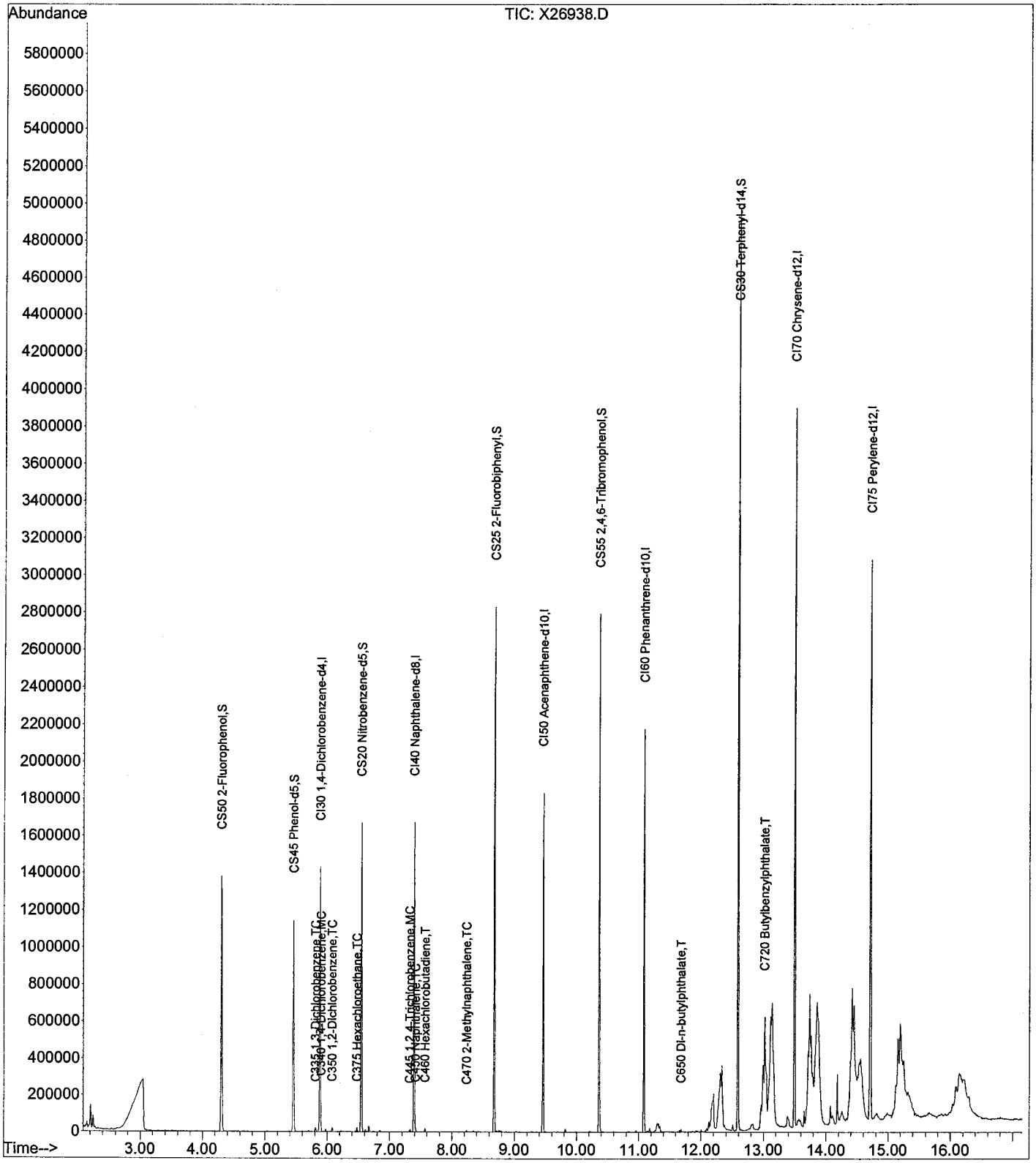
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	10	U

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26938.D
Acq On : 2 Oct 2008 19:57
Sample : SBLK69 AW80017841
Misc :
MS Integration Params: rteint.p

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 03 15:10:10 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Oct 03 07:42:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26938.D
Acq On : 2 Oct 2008 19:57
Sample : SBLK69 AW80017841
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 03 15:10:10 2008

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

SS PD 10.3.08

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Oct 03 07:42:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	187208	40.00	ng	0.00
20) CI40 Naphthalene-d8	7.39	136	639499	40.00	ng	108.43% 0.00
35) CI50 Acenaphthene-d10	9.46	164	378153	40.00	ng	106.16% 0.00
56) CI60 Phenanthrene-d10	11.08	188	673352	40.00	ng	109.89% 0.00
68) CI70 Chrysene-d12	13.50	240	1233336	40.00	ng	107.05% 0.00
78) CI75 Perylene-d12	14.71	264	1238484	40.00	ng	142.35% 0.00
						105.42%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	364863	50.57	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.71%			
5) CS45 Phenol-d5	5.45	99	363020	39.50	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.33%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	530305	65.74	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 65.74%			
39) CS25 2-Fluorobiphenyl	8.68	172	785918	58.02	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 58.02%			
59) CS55 2,4,6-Tribromophenol	10.36	330	236345	139.61	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 93.07%			
71) CS30 Terphenyl-d14	12.59	244	1208872	52.60	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 52.60%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D. d		
4) C325 bis(2-Chloroethyl)e	5.59	93	520	N.D.		
7) C315 Phenol	5.46	94	665	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	5.82	146	5039	0.69	ng	78
11) C340 1,4-Dichlorobenzene	5.91	146	5177	0.70	ng	96
13) C350 1,2-Dichlorobenzene	6.08	146	4054	0.59	ng #	71
14) C345 Benzyl alcohol	0.00	108	0	N.D. d		
15) C360 bis(2-chloroisoprop	6.22	45	1712	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	6.48	117	2319	0.73	ng #	62
18) C370 N-Nitroso-di-n-prop	6.38	70	165	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.57	77	935	N.D.		
23) C415 Isophorone	6.67	82	1422	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	7.39	93	174	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

10.3.08

Quantitation Report (QT Reviewed)

Data File : D:\DATA\100208\X26938.D
Acq On : 2 Oct 2008 19:57
Sample : SBLK69 AW80017841
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 03 15:10:10 2008

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Oct 03 07:42:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.3.08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	3080	0.57	ng	#	75
30) C450 Naphthalene	7.41	128	7451	0.44	ng		91
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	7.57	225	2532	0.71	ng		88
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	8.24	142	3035	0.27	ng		98
36) C510 Hexachlorocyclopent	8.42	237	822	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	8.80	162	1420	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	9.29	152	812	N.D.			
43) C535 Dimethylphthalate	8.77	163	523	N.D.			
44) C542 2,6-Dinitrotoluene	8.76	165	192	N.D.			
45) C550 Acenaphthene	9.49	153	640	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	9.70	168	584	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	10.10	166	211	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.	d		
54) C620 1,2-diphenylhydrazi	10.29	77	237	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.11	178	941	N.D.			
64) C645 Anthracene	11.11	178	941	N.D.			
65) C647 carbazole	12.01	167	659	N.D.			
66) C650 Di-n-butylphthalate	11.68	149	5397	0.24	ng		83
67) C655 Fluoranthene	12.23	202	564	N.D.			
69) C715 Pyrene	12.43	202	369	N.D.			
70) C710 benzidine	12.34	184	474	N.D.			
72) C720 Butylbenzylphthalate	13.02	149	13285	0.86	ng		97
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.50	228	3338	N.D.			
75) C735 Chrysene	13.50	228	3338	N.D.			
76) C740 bis(2-Ethylhexyl)ph	13.51	149	4296	N.D.			
77) C760 Di-n-octylphthalate	14.07	149	6349	N.D.			
79) C765 Benzo[b]fluoranthen	14.38	252	253	N.D.			
80) C770 Benzo[k]fluoranthen	14.39	252	219	N.D.			
81) C775 Benzo[a]pyrene	14.71	252	5047	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	15.71	276	787	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	16.00	276	680	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26938.D
Acq On : 2 Oct 2008 19:57
Sample : SBLK69 AW80017841
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:48 2008

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0722.RES

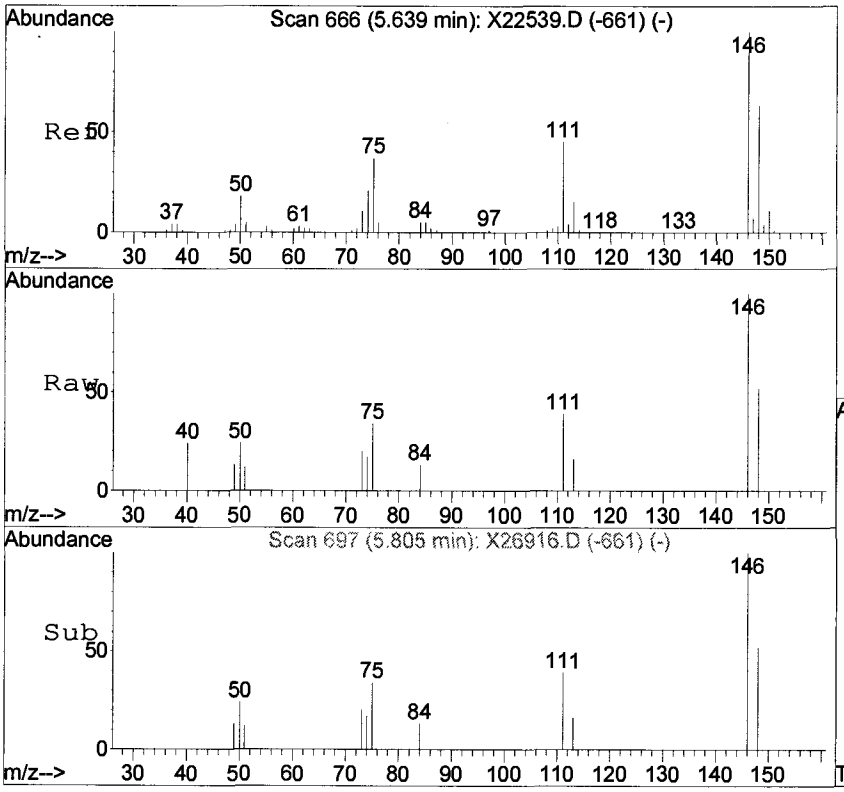
Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS AJ 10-6-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	187208	40.00	ng	0.00 80.45%
4) CI40 Naphthalene-d8	7.39	136	639499	40.00	ng	0.00 75.97%
7) CI50 Acenaphthene-d8	9.46	164	378153	40.00	ng	0.00 83.57%
10) CI60 Phenanthrene-d10	11.08	188	673352	40.00	ng	0.00 82.02%
12) CI70 Chrysene-d12	13.50	240	1233336	40.00	ng	0.00 125.72%
13) CI75 Perylene-d12	14.71	264	1238484	40.00	ng	0.00 101.90%

Target Compounds					Qvalue
2) E600 Benzaldehyde	5.38	77	244	N.D.	
3) E145 Acetophenone	6.38	105	575	N.D.	
5) E655 Caprolactam	0.00	113	0	N.D.	
6) E195 1,2,4,5-Tetrachloro	8.43	216	859	N.D.	
8) C811 1,1'-Biphenyl	8.79	154	2754	N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.	
11) E510 Atrazine	0.00	200	0	N.D.	

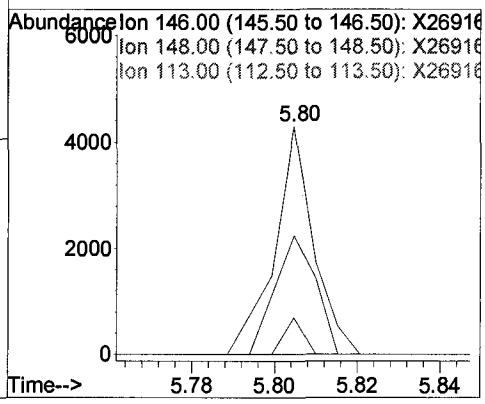
(#) = qualifier out of range (m) = manual integration (+) = signals summed

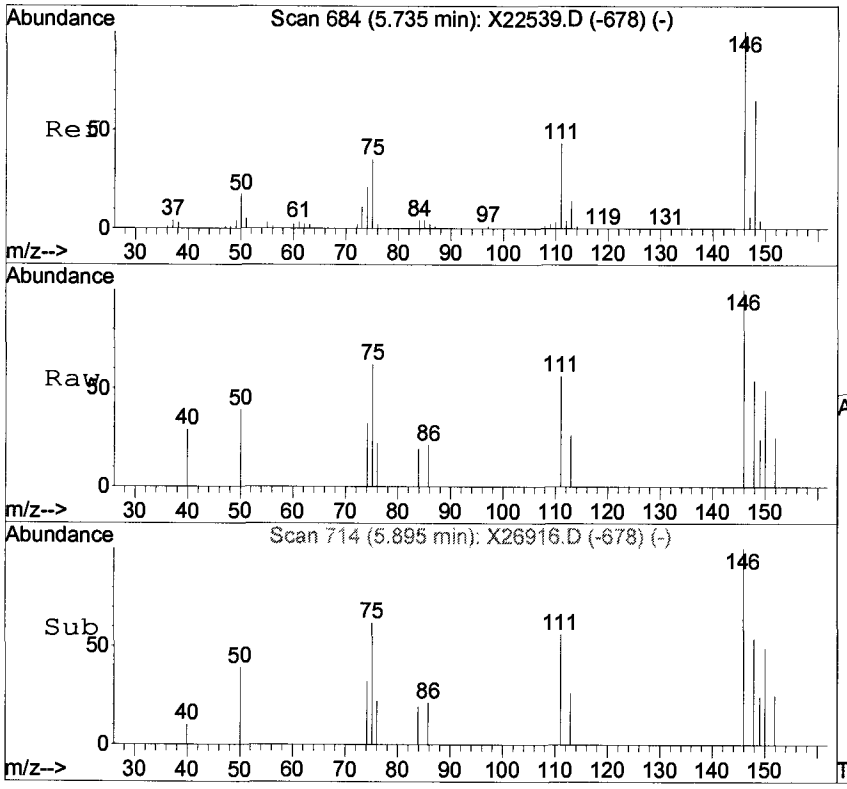


#10
C335 1,3-Dichlorobenzene
Concen: 0.68 ng
RT: 5.80 min Scan# 697
Delta R.T. -0.01 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:146 Resp: 2821

Ion	Ratio	Lower	Upper
146	100		
148	52.2	42.8	82.8
113	16.2	0.0	33.2

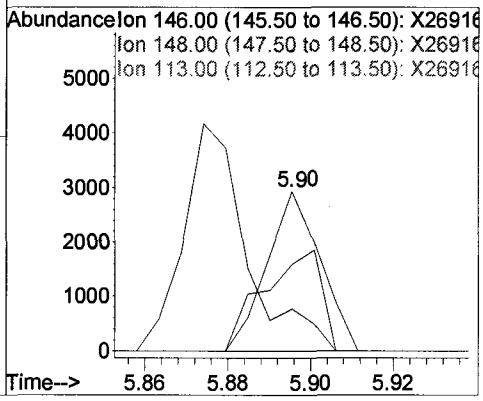


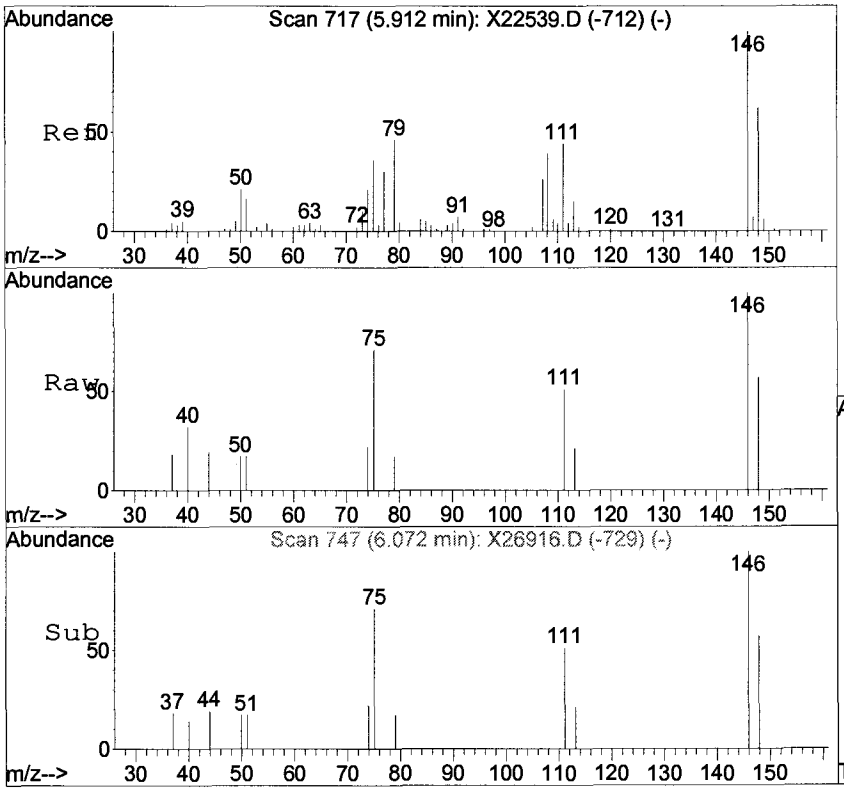


#11
C340 1,4-Dichlorobenzene
Concen: 0.63 ng
RT: 5.90 min Scan# 714
Delta R.T. -0.01 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:146 Resp: 2628

Ion	Ratio	Lower	Upper
146	100		
148	54.3	45.7	85.7
113	26.2	0.0	33.2

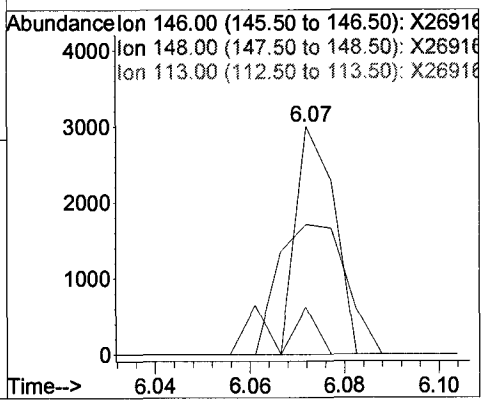


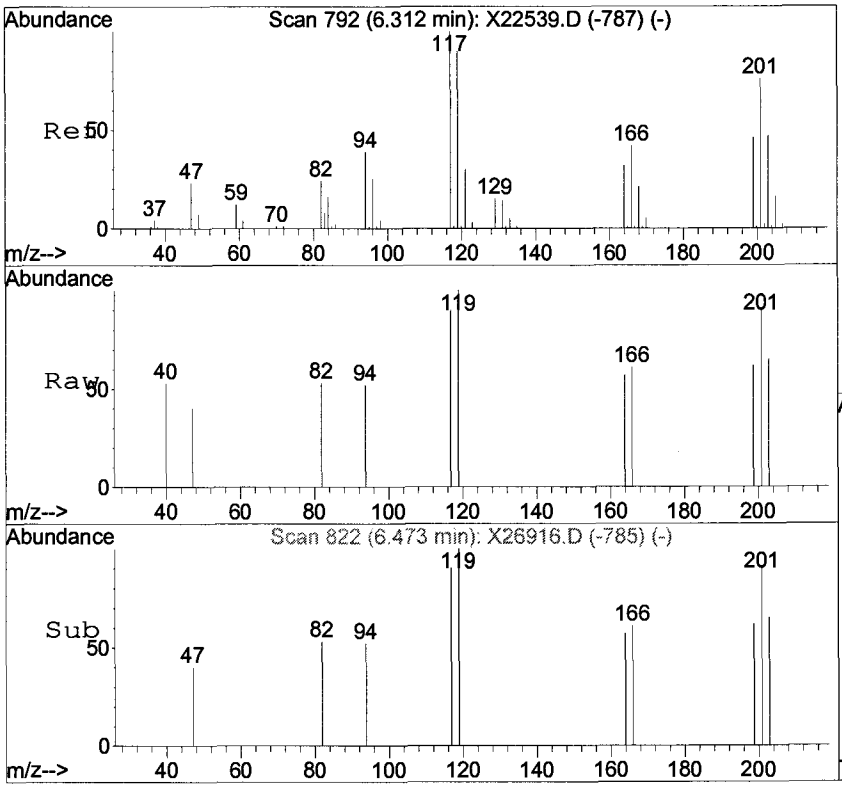


#13
C350 1,2-Dichlorobenzene
Concen: 0.49 ng
RT: 6.07 min Scan# 747
Delta R.T. -0.01 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:146 Resp: 1903

Ion	Ratio	Lower	Upper
146	100		
148	56.9	45.8	85.8
113	20.7	0.0	34.9

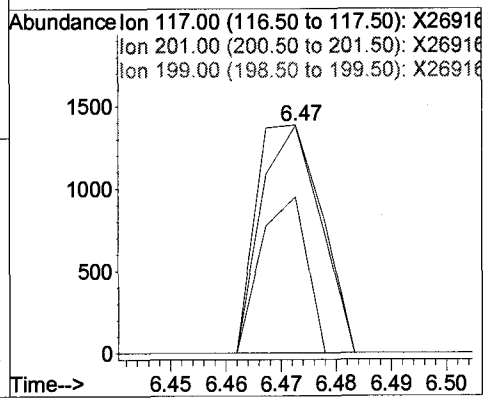


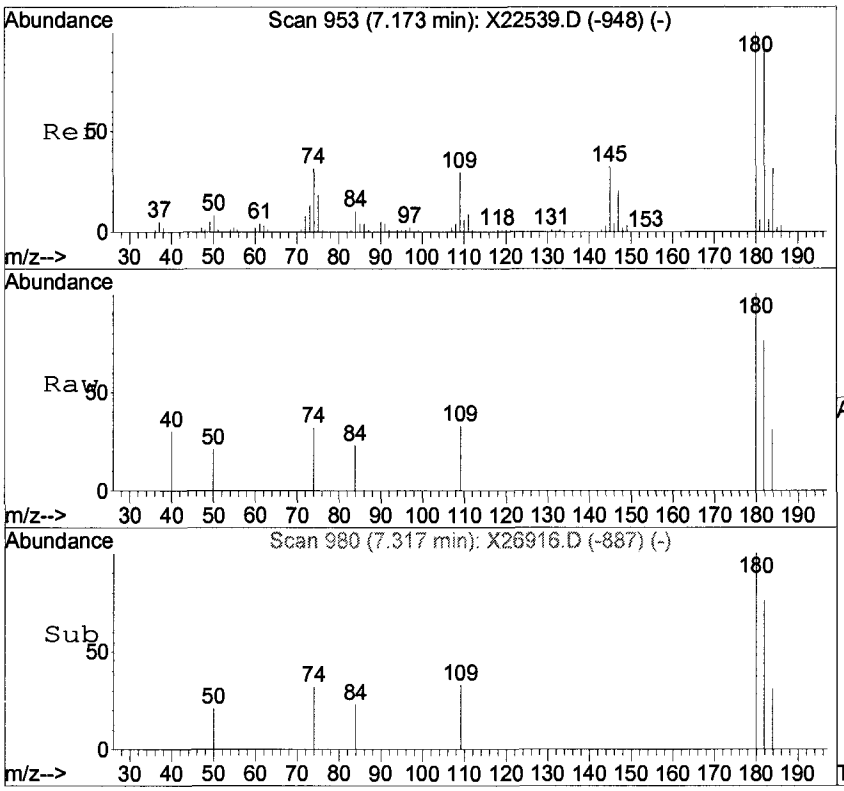


#17
C375 Hexachloroethane
Concen: 0.57 ng
RT: 6.47 min Scan# 822
Delta R.T. -0.00 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:117 Resp: 1024

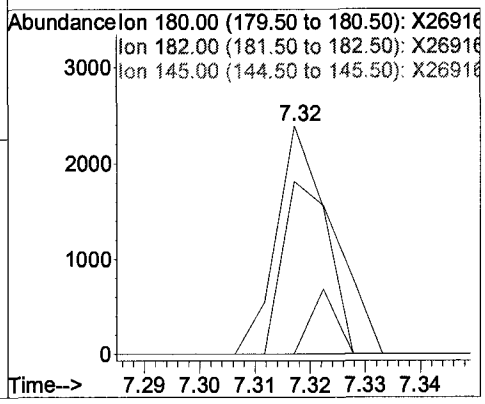
Ion	Ratio	Lower	Upper
117	100		
201	100.4	58.3	98.3#
199	68.8	30.3	70.3

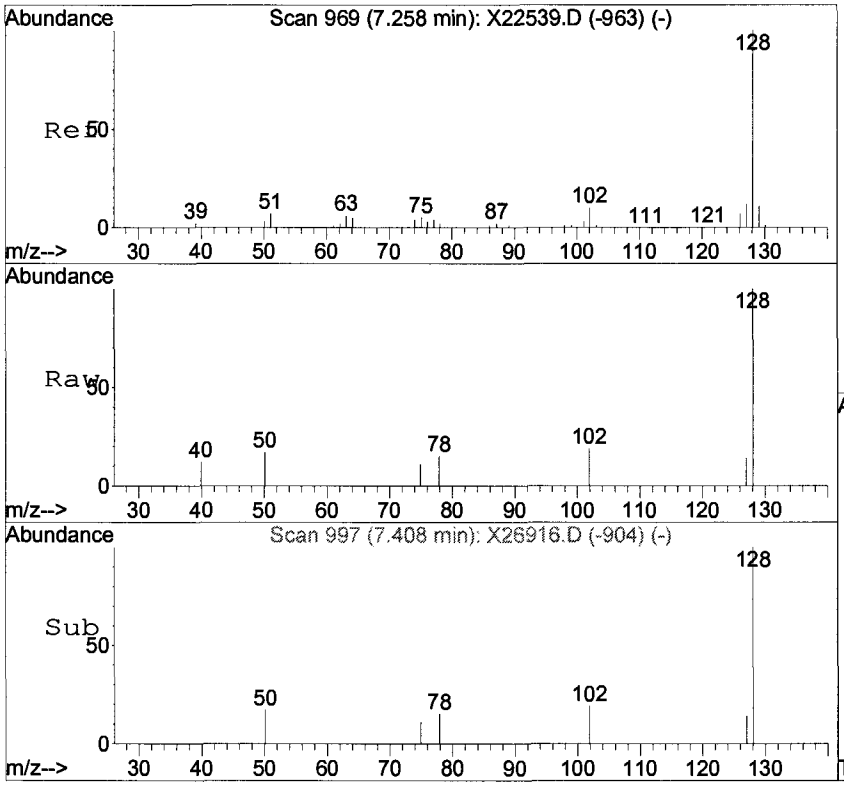




#29
C445 1,2,4-Trichlorobenzene
Concen: 0.44 ng
RT: 7.32 min Scan# 980
Delta R.T. -0.01 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

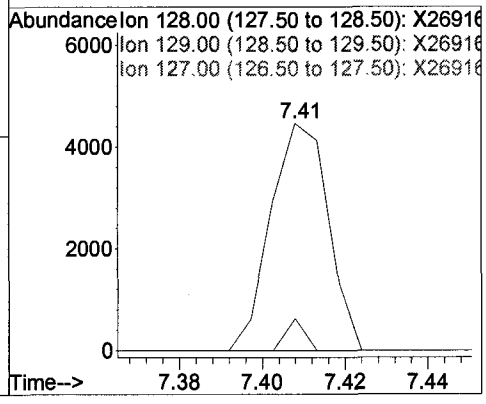
Tgt Ion:180	Resp:	1437
Ion	Ratio	Lower	Upper
180	100		
182	75.9	71.1	111.1
145	0.0	4.1	44.1#

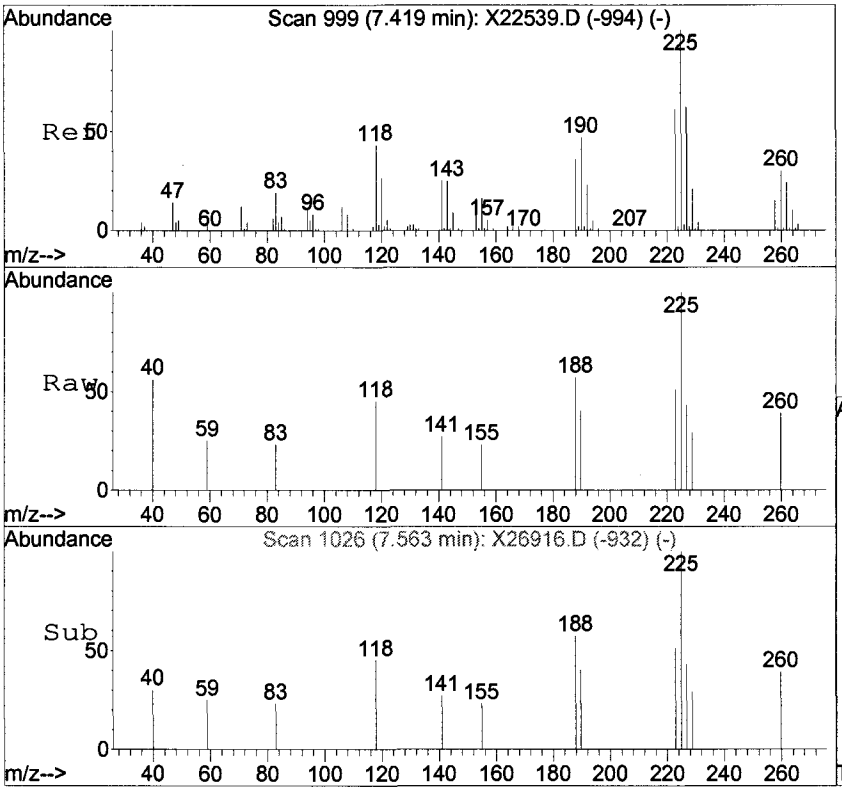




#30
C450 Naphthalene
Concen: 0.42 ng
RT: 7.41 min Scan# 997
Delta R.T. -0.01 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:128	Resp:	4317
Ion	Ratio	Lower	Upper
128	100		
129	0.0	0.0	31.0
127	14.1	0.0	32.6

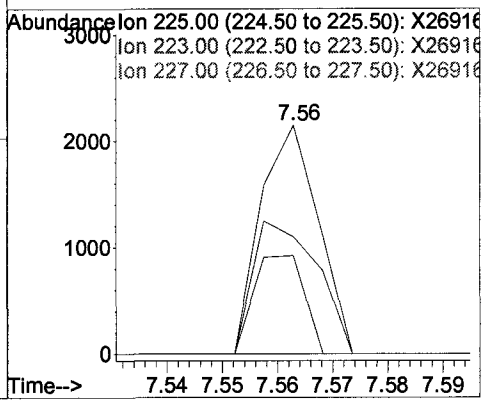


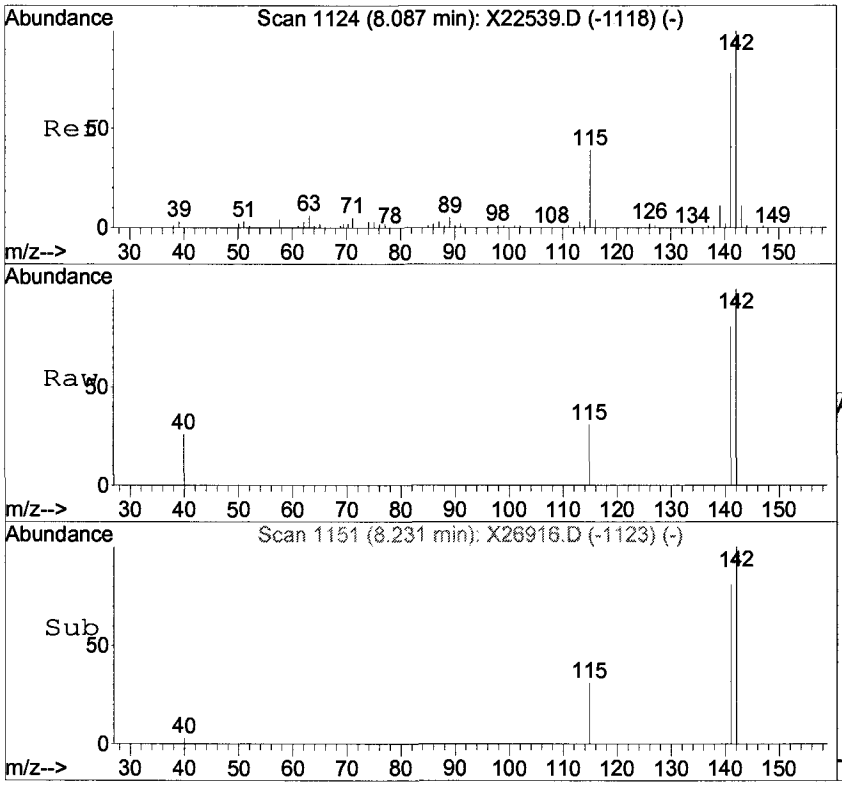


#32
C460 Hexachlorobutadiene
Concen: 0.72 ng
RT: 7.56 min Scan# 1026
Delta R.T. -0.00 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:225 Resp: 1555

Ion	Ratio	Lower	Upper
225	100		
223	51.0	43.1	83.1
227	42.9	48.3	88.3#

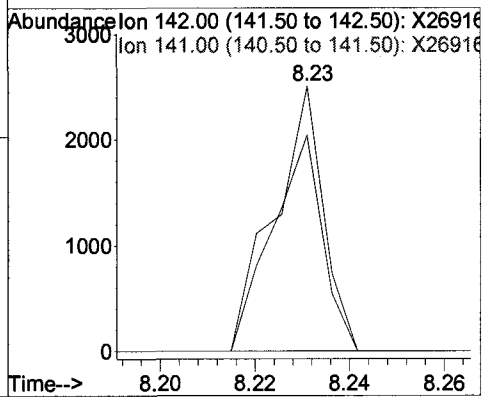


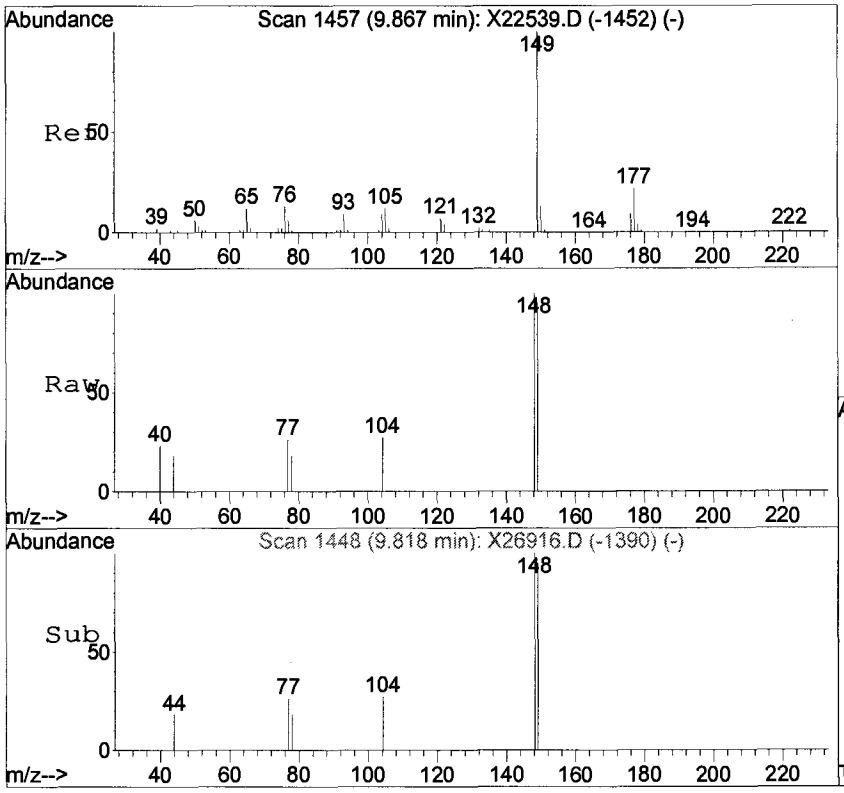


#34
C470 2-Methylnaphthalene
Concen: 0.27 ng
RT: 8.23 min Scan# 1151
Delta R.T. -0.00 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

Tgt Ion:142 Resp: 1815

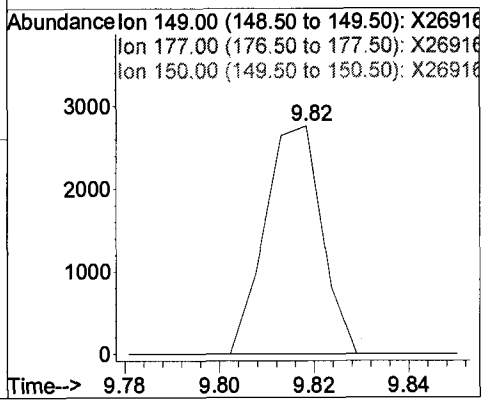
Ion	Ratio	Lower	Upper
142	100		
141	81.3	63.2	103.2

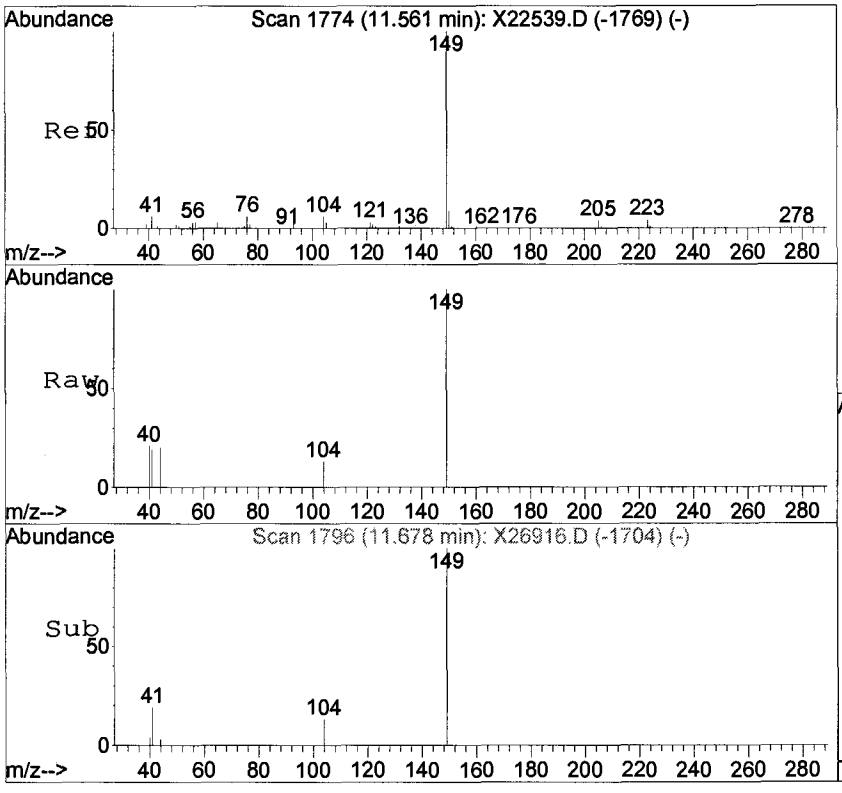




#53
C580 Diethylphthalate
Concen: 0.27 ng
RT: 9.82 min Scan# 1448
Delta R.T. -0.19 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

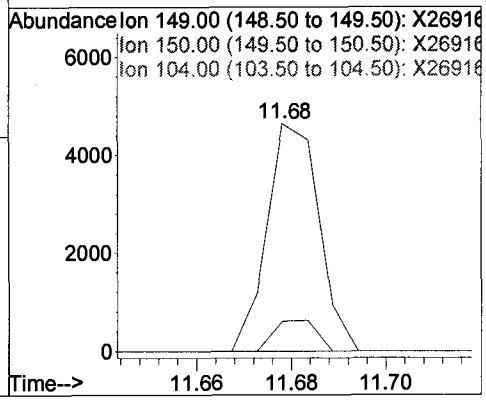
Tgt Ion:149	Resp:	2305	
Ion	Ratio	Lower	Upper
149	100		
177	0.0	2.2	42.2#
150	0.0	0.0	31.3





#66
C650 Di-n-butylphthalate
Concen: 0.24 ng
RT: 11.68 min Scan# 1796
Delta R.T. -0.01 min
Lab File: X26916.D
Acq: 2 Oct 2008 11:33

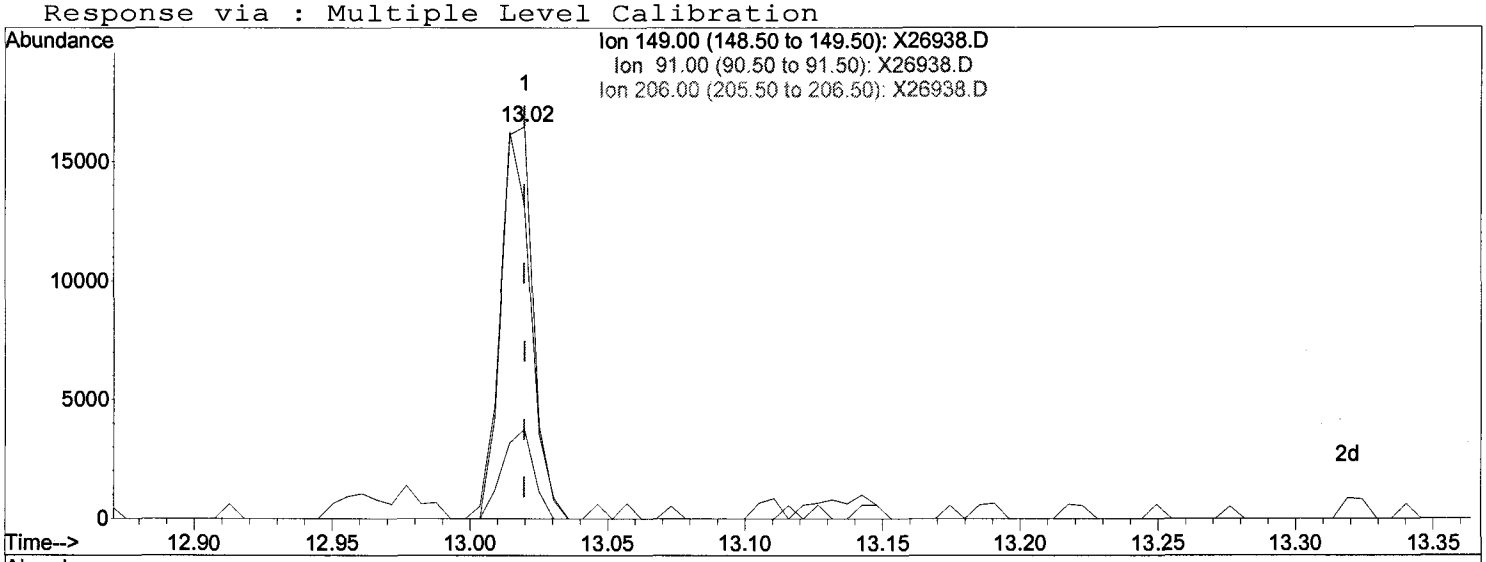
Tgt Ion:149	Resp:	3553	
Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	29.0
104	13.0	0.0	25.3

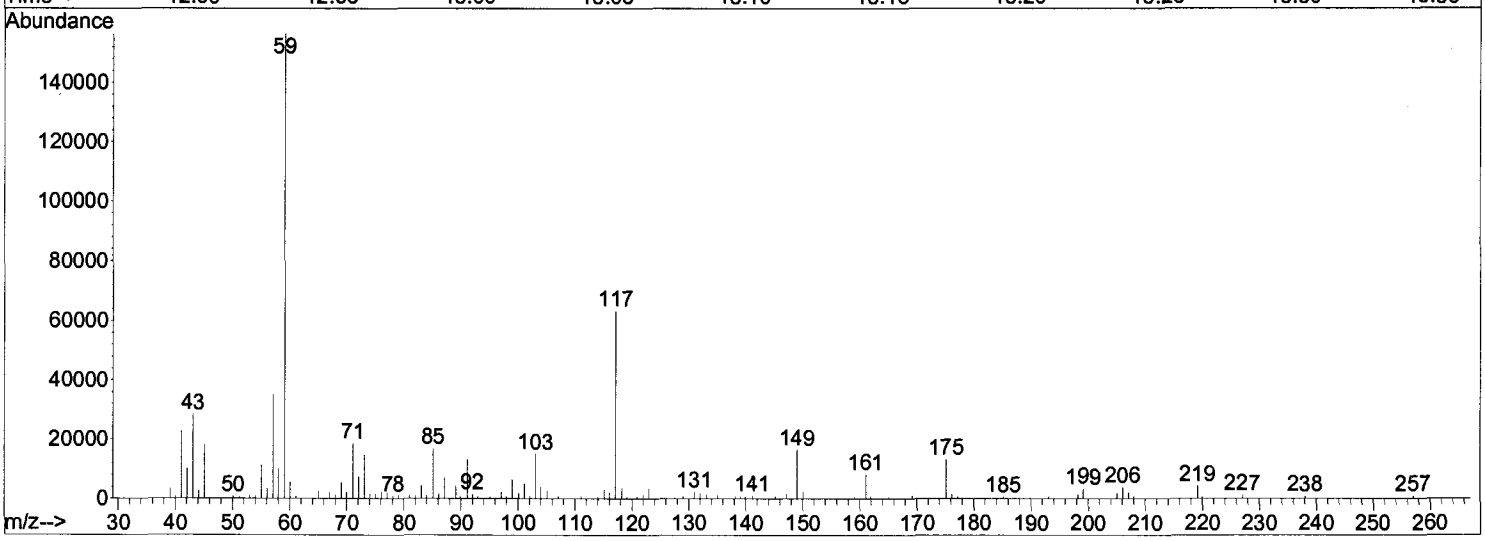


Data File : D:\DATA\100208\X26938.D
Acq On : 2 Oct 2008 19:57
Sample : SBLK69 AW80017841
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 03 15:10:10 2008

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Oct 15 12:07:09 2008
Response via : Multiple Level Calibration





TIC: X26938.D

(72) C720 Butylbenzylphthalate (T)

13.02min (-0.000) 0.86ng

response 13285

Ion	Exp%	Act%
149.00	100	100
91.00	77.10	79.97
206.00	22.90	22.76
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSB56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30746.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	83	
208-96-8	Acenaphthylene	85	
98-86-2	Acetophenone	75	
120-12-7	Anthracene	95	
1912-24-9	Atrazine	85	
100-52-7	Benzaldehyde	59	
56-55-3	Benzo(a)anthracene	85	
205-99-2	Benzo(b)fluoranthene	110	
207-08-9	Benzo(k)fluoranthene	94	
191-24-2	Benzo(ghi)perylene	110	
50-32-8	Benzo(a)pyrene	120	
92-52-4	Biphenyl	70	
111-91-1	Bis(2-chloroethoxy) methane	86	
111-44-4	Bis(2-chloroethyl) ether	74	
108-60-1	2,2'-Oxybis(1-Chloropropane)	78	
117-81-7	Bis(2-ethylhexyl) phthalate	82	
101-55-3	4-Bromophenyl phenyl ether	90	
85-68-7	Butyl benzyl phthalate	92	
106-47-8	4-Chloroaniline	100	
59-50-7	4-Chloro-3-methylphenol	94	
91-58-7	2-Chloronaphthalene	74	
95-57-8	2-Chlorophenol	70	
7005-72-3	4-Chlorophenyl phenyl ether	87	
105-60-2	Caprolactam	34	J
86-74-8	Carbazole	97	
218-01-9	Chrysene	87	
53-70-3	Dibenzo(a,h)anthracene	100	
132-64-9	Dibenzofuran	85	
84-74-2	Di-n-butyl phthalate	99	
91-94-1	3,3'-Dichlorobenzidine	91	
120-83-2	2,4-Dichlorophenol	90	
84-66-2	Diethyl phthalate	93	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: SMSB56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30746.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	79	
131-11-3	Dimethyl phthalate	91	
534-52-1	4,6-Dinitro-2-methylphenol	110	
51-28-5	2,4-Dinitrophenol	95	
121-14-2	2,4-Dinitrotoluene	98	
606-20-2	2,6-Dinitrotoluene	100	
117-84-0	Di-n-octyl phthalate	91	
206-44-0	Fluoranthene	88	
86-73-7	Fluorene	89	
118-74-1	Hexachlorobenzene	90	
87-68-3	Hexachlorobutadiene	56	
77-47-4	Hexachlorocyclopentadiene	56	
67-72-1	Hexachloroethane	48	
193-39-5	Indeno(1,2,3-cd)pyrene	110	
78-59-1	Isophorone	88	
91-57-6	2-Methylnaphthalene	85	
95-48-7	2-Methylphenol	78	
106-44-5	4-Methylphenol	76	
91-20-3	Naphthalene	74	B
88-74-4	2-Nitroaniline	84	
99-09-2	3-Nitroaniline	94	
100-01-6	4-Nitroaniline	100	
98-95-3	Nitrobenzene	79	
88-75-5	2-Nitrophenol	84	
100-02-7	4-Nitrophenol	34	J
86-30-6	N-nitrosodiphenylamine	110	
621-64-7	N-Nitroso-Di-n-propylamine	92	
87-86-5	Pentachlorophenol	100	
85-01-8	Phenanthrene	94	
108-95-2	Phenol	37	
129-00-0	Pyrene	89	
95-95-4	2,4,5-Trichlorophenol	90	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSB56

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2301501

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U30746.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/26/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/29/2008

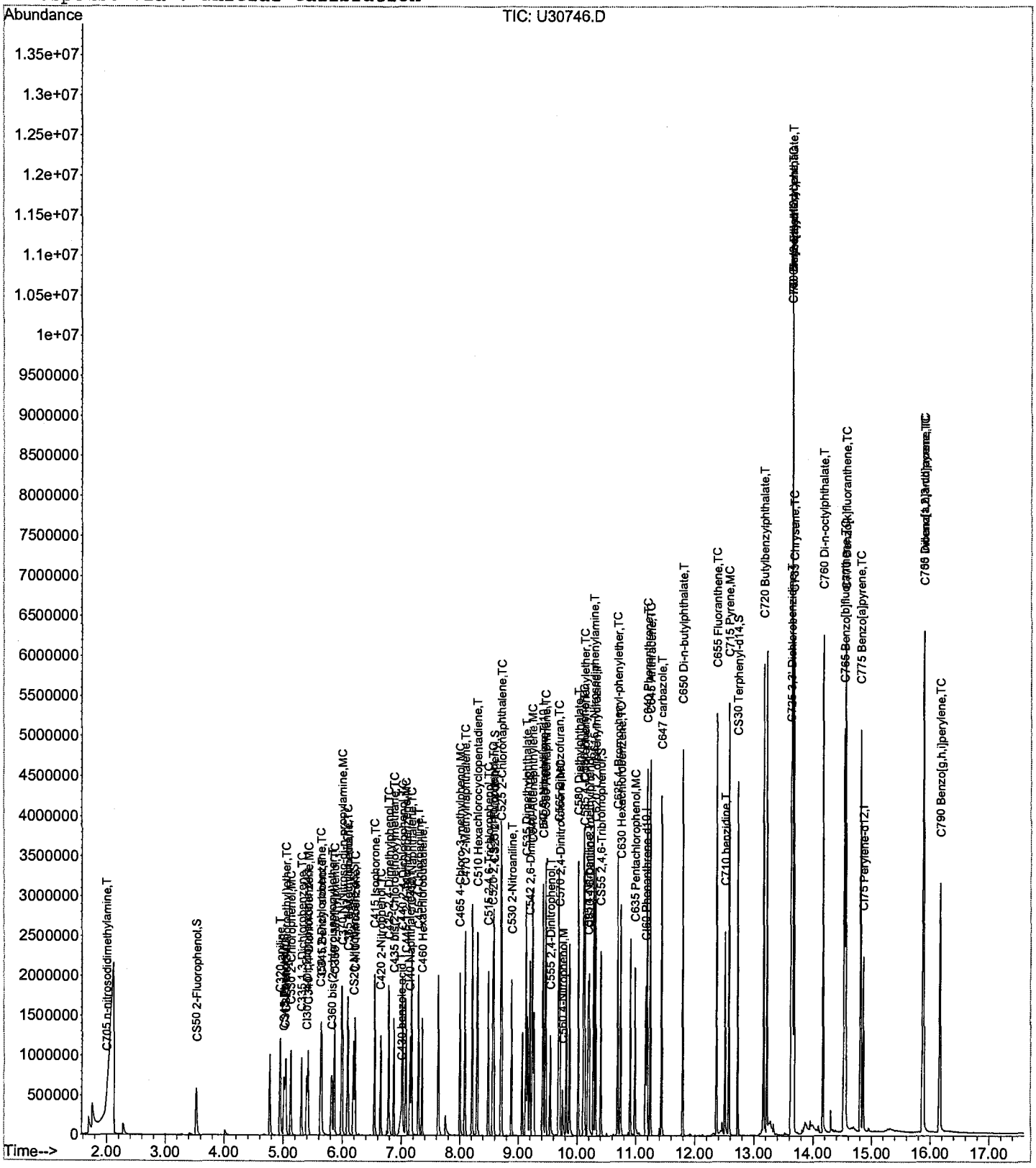
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	80	

Data File : D:\DATA\092908\U30746.D Vial: 11
Acq On : 29 Sep 2008 18:15 Operator: MD
Sample : MSB AW80017464 Inst : HP5973U
Misc : 08-B706/27/34/8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 7:06 2008 Quant Results File: 8270-AI80697.RES

Method : C:\MSDCHEM\1\METHODS\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration



Quantitation Report **1193/3787**

Data File : D:\DATA\092908\U30746.D Vial: 11
Acq On : 29 Sep 2008 18:15 Operator: MD
Sample : MSB AW80017464 Inst : HP5973U
Misc : 08-B706/27/34/8 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 07:06:48 2008 Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\092908\U30736.D (29 Sep 2008 14:24)

SJM 9/30/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.40	152	133060	40.00	ng	0.00 92.37%
20) CI40 Naphthalene-d8	7.15	136	537179	40.00	ng	0.00 96.75%
35) CI50 Acenaphthene-d10	9.43	164	327253	40.00	ng	0.00 111.14%
56) CI60 Phenanthrene-d10	11.17	188	679644	40.00	ng	0.00 107.32%
68) CI70 Chrysene-d12	13.66	240	852015	40.00	ng	0.00 122.25%
78) CI75 Perylene-d12	14.86	264	713751	40.00	ng	0.00 96.23%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	3.53	112	276389	59.12	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 39.41%			
5) CS45 Phenol-d5	5.01	99	273233	48.90	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 32.60%			
6) CS70 2-chlorophenol-d4	5.14	132	186	0.04	ng	0.03
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.03%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.20	82	419987	71.26	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 71.26%			
39) CS25 2-Fluorobiphenyl	8.59	172	809519	67.21	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 67.21%			
59) CS55 2,4,6-Tribromophenol	10.42	330	210446	125.79	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 83.86%			
71) CS30 Terphenyl-d14	12.73	244	1014840	56.83	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 56.83%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.00	74	625	0.98	ng	# 3
4) C325 bis(2-Chloroethyl)eth	5.05	93	356987	73.58	ng	89
7) C315 Phenol	5.04	94	221700	37.03	ng	89
8) C330 2-Chlorophenol	5.13	128	328234	69.81	ng	95
9) C320 aniline	4.95	93	578089	82.40	ng	85
10) C335 1,3-Dichlorobenzene	5.31	146	267652	50.70	ng	96
11) C340 1,4-Dichlorobenzene	5.43	146	281837	52.79	ng	99
13) C350 1,2-Dichlorobenzene	5.63	146	283711	56.77	ng	98
14) C345 Benzyl alcohol	5.65	108	227252	76.93	ng	95
15) C360 bis(2-chloroisopropyl	5.83	45	496662	78.47	ng	89
16) C355 2-Methylphenol	5.87	108	309032	78.39	ng	97
17) C375 Hexachloroethane	6.10	117	103768	48.43	ng	96
18) C370 N-Nitroso-di-n-propyl	6.01	70	316591	91.58	ng	92
19) C365 4-Methylphenol	6.09	108	307247	75.61	ng	98
22) C410 Nitrobenzene	6.22	77	487150	79.41	ng	97
23) C415 Isophorone	6.55	82	875392	88.35	ng	98

(#) = qualifier out of range (m) = manual integration

10.15.08

Quantitation Report

Data File : D:\DATA\092908\U30746.D
Acq On : 29 Sep 2008 18:15
Sample : MSB AW80017464
Misc : 08-B706/27/34/8
MS Integration Params: rteint.p
Quant Time: Sep 30 07:06:48 2008

Vial: 11
Operator: MD
Inst : HP5973U
Multiplr: 1.00

Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
24)	C430 benzoic acid	7.00	122	130769	45.71	ng		92
25)	C420 2-Nitrophenol	6.65	139	215898	84.31	ng		96
26)	C425 2,4-Dimethylphenol	6.79	107	430344	79.30	ng		97
27)	C435 bis(2-Chloroethoxy)me	6.88	93	481084	85.60	ng		98
28)	C440 2,4-Dichlorophenol	7.02	162	350236	90.17	ng		98
29)	C445 1,2,4-Trichlorobenzen	7.08	180	301323	67.86	ng		98
30)	C450 Naphthalene	7.18	128	1043293	73.95	ng		96
31)	C455 4-Chloroaniline	7.30	127	559835	103.19	ng		99
32)	C460 Hexachlorobutadiene	7.36	225	158503	55.81	ng		97
33)	C465 4-Chloro-3-methylphen	8.01	107	399339	93.71	ng		100
34)	C470 2-Methylnaphthalene	8.10	142	758213	85.23	ng		92
36)	C510 Hexachlorocyclopentad	8.30	237	202924	56.31	ng		94
37)	C515 2,4,6-Trichlorophenol	8.50	196	260852	80.17	ng		99
38)	C520 2,4,5-Trichlorophenol	8.57	196	306760	89.57	ng		98
40)	C525 2-Chloronaphthalene	8.72	162	755057	74.09	ng		95
41)	C530 2-Nitroaniline	8.89	65	341292	84.45	ng		94
42)	C540 Acenaphthylene	9.25	152	1380472	85.20	ng		97
43)	C535 Dimethylphthalate	9.14	163	1096888	90.63	ng		99
44)	C542 2,6-Dinitrotoluene	9.21	165	263432	99.72	ng		94
45)	C550 Acenaphthene	9.47	153	859901	82.61	ng		96
46)	C545 3-Nitroaniline	9.43	138	277055	93.89	ng		96
47)	C555 2,4-Dinitrophenol	9.55	184	162252	94.80	ng		92
48)	C565 Dibenzofuran	9.69	168	1217166	84.80	ng		92
49)	C570 2,4-Dinitrotoluene	9.72	165	369861	98.58	ng	#	1
50)	C560 4-Nitrophenol	9.76	109	89035	33.84	ng	#	76
51)	C590 Fluorene	10.12	166	1032542	88.68	ng		98
52)	C585 4-Chlorophenyl-phenyl	10.14	204	517808	86.80	ng		93
53)	C580 Diethylphthalate	10.03	149	1184674	92.63	ng		99
54)	C620 1,2 diphenylhydrazine	10.32	77	1342977	87.78	ng		98
55)	C595 4-Nitroaniline	10.20	138	304037	100.24	ng		87
57)	C610 4,6-Dinitro-2-methylp	10.21	198	243663	107.85	ng		100
58)	C615 n-Nitrosodiphenylamin	10.29	169	919258	112.55	ng		99
60)	C625 4-Bromophenyl-phenyle	10.70	248	317516	90.59	ng		91
61)	C630 Hexachlorobenzene	10.75	284	325956	89.84	ng		95
62)	C635 Pentachlorophenol	10.99	266	196476	100.70	ng		98
63)	C640 Phenanthrene	11.20	178	1732580	93.54	ng		98
64)	C645 Anthracene	11.25	178	1778662	95.36	ng		98
65)	C647 carbazole	11.44	167	1594408	96.87	ng		97
66)	C650 Di-n-butylphthalate	11.80	149	2111519	99.24	ng		97
67)	C655 Fluoranthene	12.38	202	1841841	87.94	ng		99
69)	C715 Pyrene	12.58	202	1985288	89.09	ng		96
70)	C710 benzidine	12.52	184	813914	77.36	ng		100
72)	C720 Butylbenzylphthalate	13.17	149	1035323	92.18	ng		96
73)	C725 3,3'-Dichlorobenzidin	13.63	252	713160	91.16	ng		99
74)	C730 Benzo[a]anthracene	13.65	228	1882120	85.36	ng		97
75)	C735 Chrysene	13.68	228	1990403	86.83	ng		97
76)	C740 bis(2-Ethylhexyl)phth	13.65	149	1478729	82.19	ng		92
77)	C760 Di-n-octylphthalate	14.18	149	2606264	90.60	ng		99
79)	C765 Benzo[b]fluoranthene	14.53	252	2365835	109.93	ng		97
80)	C770 Benzo[k]fluoranthene	14.56	252	2029355	93.64	ng		98

(#) = qualifier out of range (m) = manual integration

Data File : D:\DATA\092908\U30746.D
Acq On : 29 Sep 2008 18:15
Sample : MSB AW80017464
Misc : 08-B706/27/34/8
MS Integration Params: rteint.p
Quant Time: Sep 30 07:06:48 2008

Vial: 11
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: 8270-AI80697.RES

Quant Method : C:\MSDCHEM\1...\8270-AI80697.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 14:42:17 2008
Response via : Initial Calibration
DataAcq Meth : 8270E

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
81)	C775 Benzo[a]pyrene	14.81	252	2157971	115.05	ng	97
82)	C780 Indeno[1,2,3-cd]pyren	15.89	276	2182759	106.10	ng	93
83)	C785 Dibenz[a,h]anthracene	15.89	278	1861118	102.44	ng	96
84)	C790 Benzo[g,h,i]perylene	16.17	276	1778138	106.30	ng	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\092908\U30746.D
Acq On : 29 Sep 2008 18:15
Sample : MSB AW80017464
Misc : 08-B706/27/34/8
MS Integration Params: rteint.p
Quant Time: Sep 30 14:39:53 2008

Vial: 11
Operator: MD
Inst : HP5973U
Multiplr: 1.00
Quant Results File: TCLADDS-A8I0600.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0600.M (RTE Integrator)
Title : TCL ADDS
Last Update : Mon Aug 11 11:20:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270E
IS QA File : D:\DATA\081108\U29779.D (11 Aug 2008 9:43)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.40	152	133060	40.00	ng		-0.45 90.75%
4) CI40 Naphthalene-d8	7.15	136	537179	40.00	ng		-0.37 95.39%
7) CI50 Acenaphthene-d10	9.43	164	327253	40.00	ng		-0.36 106.78%
10) CI60 Phenanthrene-d10	11.17	188	679644	40.00	ng		-0.32 104.39%
12) CI70 Chrysene-d12	13.66	240	852015	40.00	ng		-0.33 128.41%
13) CI75 Perylene-d12	14.86	264	713751	40.00	ng		-0.44 134.08%
Target Compounds							Qvalue
2) E600 Benzaldehyde	4.78	77	286942	59.39	ng		94
3) E145 Acetophenone	5.99	105	515575	75.10	ng		84
5) E655 Caprolactam	7.76	113	48604	33.80	ng	#	71
6) E195 1,2,4,5-Tetrachlorobe	8.31	216	331608	78.32	ng		82
8) C811 1,1'-Biphenyl	8.71	154	962554	70.41	ng		99
9) E230 2,3,4,6-Tetrachloroph	9.82	232	262859	100.03	ng		93
11) E510 Atrazine	10.91	200	255458	84.61	ng		86

(#) = qualifier out of range (m) = manual integration

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSB60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26805.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	70	
208-96-8	Acenaphthylene	72	
98-86-2	Acetophenone	57	
120-12-7	Anthracene	82	
1912-24-9	Atrazine	67	
100-52-7	Benzaldehyde	47	
56-55-3	Benzo(a)anthracene	72	
205-99-2	Benzo(b)fluoranthene	90	
207-08-9	Benzo(k)fluoranthene	90	
191-24-2	Benzo(ghi)perylene	100	
50-32-8	Benzo(a)pyrene	100	
92-52-4	Biphenyl	61	
111-91-1	Bis(2-chloroethoxy) methane	67	
111-44-4	Bis(2-chloroethyl) ether	53	
108-60-1	2,2'-Oxybis(1-Chloropropane)	53	
117-81-7	Bis(2-ethylhexyl) phthalate	77	
101-55-3	4-Bromophenyl phenyl ether	78	
85-68-7	Butyl benzyl phthalate	73	
106-47-8	4-Chloroaniline	73	
59-50-7	4-Chloro-3-methylphenol	59	
91-58-7	2-Chloronaphthalene	67	
95-57-8	2-Chlorophenol	50	
7005-72-3	4-Chlorophenyl phenyl ether	76	
105-60-2	Caprolactam	25	J
86-74-8	Carbazole	85	
218-01-9	Chrysene	70	
53-70-3	Dibenzo(a,h)anthracene	100	
132-64-9	Dibenzofuran	72	
84-74-2	Di-n-butyl phthalate	93	B
91-94-1	3,3'-Dichlorobenzidine	66	
120-83-2	2,4-Dichlorophenol	66	
84-66-2	Diethyl phthalate	85	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: SMSB60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26805.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	66	
131-11-3	Dimethyl phthalate	81	
534-52-1	4,6-Dinitro-2-methylphenol	79	
51-28-5	2,4-Dinitrophenol	71	
121-14-2	2,4-Dinitrotoluene	85	
606-20-2	2,6-Dinitrotoluene	86	
117-84-0	Di-n-octyl phthalate	84	
206-44-0	Fluoranthene	87	
86-73-7	Fluorene	77	
118-74-1	Hexachlorobenzene	80	
87-68-3	Hexachlorobutadiene	32	
77-47-4	Hexachlorocyclopentadiene	44	
67-72-1	Hexachloroethane	25	
193-39-5	Indeno(1,2,3-cd)pyrene	100	
78-59-1	Isophorone	68	
91-57-6	2-Methylnaphthalene	51	
95-48-7	2-Methylphenol	48	
106-44-5	4-Methylphenol	44	
91-20-3	Naphthalene	44	
88-74-4	2-Nitroaniline	70	
99-09-2	3-Nitroaniline	76	
100-01-6	4-Nitroaniline	73	
98-95-3	Nitrobenzene	68	
88-75-5	2-Nitrophenol	66	
100-02-7	4-Nitrophenol	30	J
86-30-6	N-nitrosodiphenylamine	92	
621-64-7	N-Nitroso-Di-n-propylamine	60	
87-86-5	Pentachlorophenol	70	
85-01-8	Phenanthrene	81	
108-95-2	Phenol	24	
129-00-0	Pyrene	63	
95-95-4	2,4,5-Trichlorophenol	78	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSB60

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2292801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26805.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

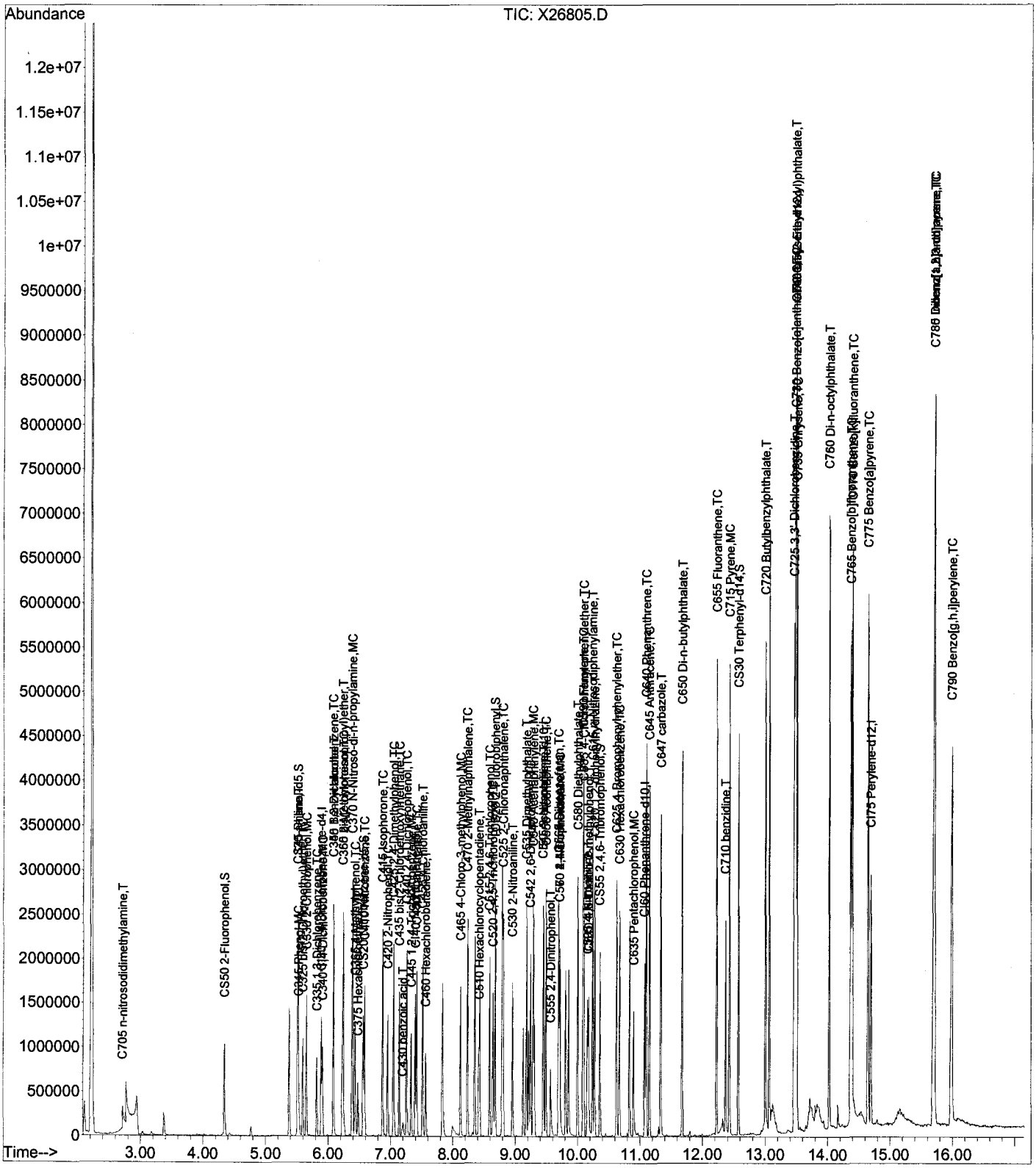
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	78	

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26805.D Vial: 10
Acq On : 26 Sep 2008 12:16 Operator: AJ
Sample : MSB AW80017302 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p

Quant Time: Sep 29 14:43:41 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26805.D Vial: 10
Acq On : 26 Sep 2008 12:16 Operator: AJ
Sample : MSB AW80017302 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 14:43:41 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.89	152	189633	40.00	ng	0.00 90.93%
20) CI40 Naphthalene-d8	7.40	136	643644	40.00	ng	0.00 90.14%
35) CI50 Acenaphthene-d10	9.45	164	305186	40.00	ng	0.00 96.11%
56) CI60 Phenanthrene-d10	11.07	188	646545	40.00	ng	0.00 100.28%
68) CI70 Chrysene-d12	13.49	240	1148700	40.00	ng	0.00 128.37%
78) CI75 Perylene-d12	14.69	264	980046	40.00	ng	0.00 98.35%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.35	112	271551	41.35	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 27.57%			
5) CS45 Phenol-d5	5.52	99	240238	27.35	ng	-0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 18.23%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.56	82	433796	63.72	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 63.72%			
39) CS25 2-Fluorobiphenyl	8.68	172	820217	69.45	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 69.45%			
59) CS55 2,4,6-Tribromophenol	10.36	330	188872	119.94	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 79.96%			
71) CS30 Terphenyl-d14	12.58	244	1068001	45.62	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 45.62%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	144435m	37.57	ng	# 99
4) C325 bis(2-Chloroethyl)eth	5.60	93	358964	52.86	ng	# 74
7) C315 Phenol	5.53	94	228758	23.50	ng	97
8) C330 2-Chlorophenol	5.66	128	343779	50.58	ng	86
9) C320 aniline	5.52	93	628378	56.02	ng	81
10) C335 1,3-Dichlorobenzene	5.82	146	195155	26.43	ng	97
11) C340 1,4-Dichlorobenzene	5.91	146	205674	27.25	ng	97
13) C350 1,2-Dichlorobenzene	6.09	146	208743	29.39	ng	99
14) C345 Benzyl alcohol	6.09	108	221535	46.35	ng	94
15) C360 bis(2-chloroisopropyl	6.24	45	511587	53.14	ng	# 13
16) C355 2-Methylphenol	6.24	108	302854	47.94	ng	95
17) C375 Hexachloroethane	6.48	117	67859	24.94	ng	# 78
18) C370 N-Nitroso-di-n-propyl	6.40	70	331803	60.07	ng	# 73
19) C365 4-Methylphenol	6.44	108	298883	43.96	ng	85
22) C410 Nitrobenzene	6.58	77	470201	67.56	ng	98
23) C415 Isophorone	6.87	82	841930	68.19	ng	89
24) C430 benzoic acid	7.20	122	41811	43.98	ng	# 75
25) C420 2-Nitrophenol	6.96	139	209255	66.29	ng	91
26) C425 2,4-Dimethylphenol	7.05	107	420501	65.96	ng	97
27) C435 bis(2-Chloroethoxy)me	7.14	93	478280	66.98	ng	95
28) C440 2,4-Dichlorophenol	7.26	162	336244	65.81	ng	98

Data File : D:\DATA\092608\X26805.D Vial: 10
Acq On : 26 Sep 2008 12:16 Operator: AJ
Sample : MSB AW80017302 Inst : HP5973X
Misc : 08-B596/625/612/53 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 14:43:41 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.33	180	196278	36.91	ng		87
30) C450 Naphthalene	7.42	128	751423	44.59	ng		98
31) C455 4-Chloroaniline	7.51	127	519780	73.26	ng		99
32) C460 Hexachlorobutadiene	7.56	225	100748	32.19	ng		95
33) C465 4-Chloro-3-methylphen	8.12	107	317061	58.83	ng		94
34) C470 2-Methylnaphthalene	8.24	142	617677	50.77	ng		98
36) C510 Hexachlorocyclopentad	8.42	237	134400	44.20	ng		95
37) C515 2,4,6-Trichlorophenol	8.59	196	245650	78.38	ng		92
38) C520 2,4,5-Trichlorophenol	8.64	196	242263	78.13	ng		99
40) C525 2-Chloronaphthalene	8.81	162	660187	67.47	ng		97
41) C530 2-Nitroaniline	8.96	65	282715	70.48	ng		89
42) C540 Acenaphthylene	9.29	152	1093511	72.14	ng		99
43) C535 Dimethylphthalate	9.18	163	923307	80.78	ng		100
44) C542 2,6-Dinitrotoluene	9.25	165	225239	85.88	ng		96
45) C550 Acenaphthene	9.49	153	604965	70.55	ng		100
46) C545 3-Nitroaniline	9.45	138	223300	76.14	ng		99
47) C555 2,4-Dinitrophenol	9.57	184	110149	71.34	ng	#	61
48) C565 Dibenzofuran	9.70	168	1046442	71.90	ng		97
49) C570 2,4-Dinitrotoluene	9.72	165	319134	85.02	ng	#	62
50) C560 4-Nitrophenol	9.72	109	54426	30.22	ng	#	60
51) C590 Fluorene	10.09	166	923562	76.66	ng		99
52) C585 4-Chlorophenyl-phenyl	10.10	204	457094	76.05	ng		93
53) C580 Diethylphthalate	10.01	149	980344	84.88	ng		99
54) C620 1,2-diphenylhydrazine	10.27	77	990637	77.74	ng		81
55) C595 4-Nitroaniline	10.16	138	232259	73.48	ng		85
57) C610 4,6-Dinitro-2-methylp	10.18	198	186271	79.04	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	830059	92.57	ng		99
60) C625 4-Bromophenyl-phenyle	10.63	248	273268	78.59	ng	#	78
61) C630 Hexachlorobenzene	10.67	284	287702	80.60	ng		89
62) C635 Pentachlorophenol	10.90	266	131715	69.90	ng		99
63) C640 Phenanthrene	11.10	178	1455206	81.35	ng		98
64) C645 Anthracene	11.15	178	1514315	82.25	ng		99
65) C647 carbazole	11.34	167	1464673	84.87	ng		99
66) C650 Di-n-butylphthalate	11.68	149	1872431	92.82	ng		100
67) C655 Fluoranthene	12.23	202	1826770	87.20	ng		86
69) C715 Pyrene	12.43	202	1900059	62.80	ng		85
70) C710 benzidine	12.37	184	847221	48.48	ng		98
72) C720 Butylbenzylphthalate	13.00	149	986383	73.23	ng		97
73) C725 3,3'-Dichlorobenzidin	13.46	252	857933	65.63	ng		98
74) C730 Benzo[a]anthracene	13.48	228	2262266	72.38	ng		99
75) C735 Chrysene	13.51	228	2058148	70.48	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.50	149	1480745	77.43	ng		99
77) C760 Di-n-octylphthalate	14.03	149	2844371	83.86	ng		98
79) C765 Benzo[b]fluoranthene	14.37	252	2697165	89.97	ng		96
80) C770 Benzo[k]fluoranthene	14.40	252	2459782	90.50	ng		96
81) C775 Benzo[a]pyrene	14.65	252	2692604	102.11	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.71	276	3447439	105.04	ng		96
83) C785 Dibenz[a,h]anthracene	15.72	278	3002728	104.39	ng		94
84) C790 Benzo[g,h,i]perylene	16.00	276	2904567	102.76	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26805.D
Acq On : 26 Sep 2008 12:16
Sample : MSB AW80017302
Misc : 08-B596/625/612/53
MS Integration Params: rteint.p
Quant Time: Sep 29 14:48:58 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00
Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Sep 29 12:44:49 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

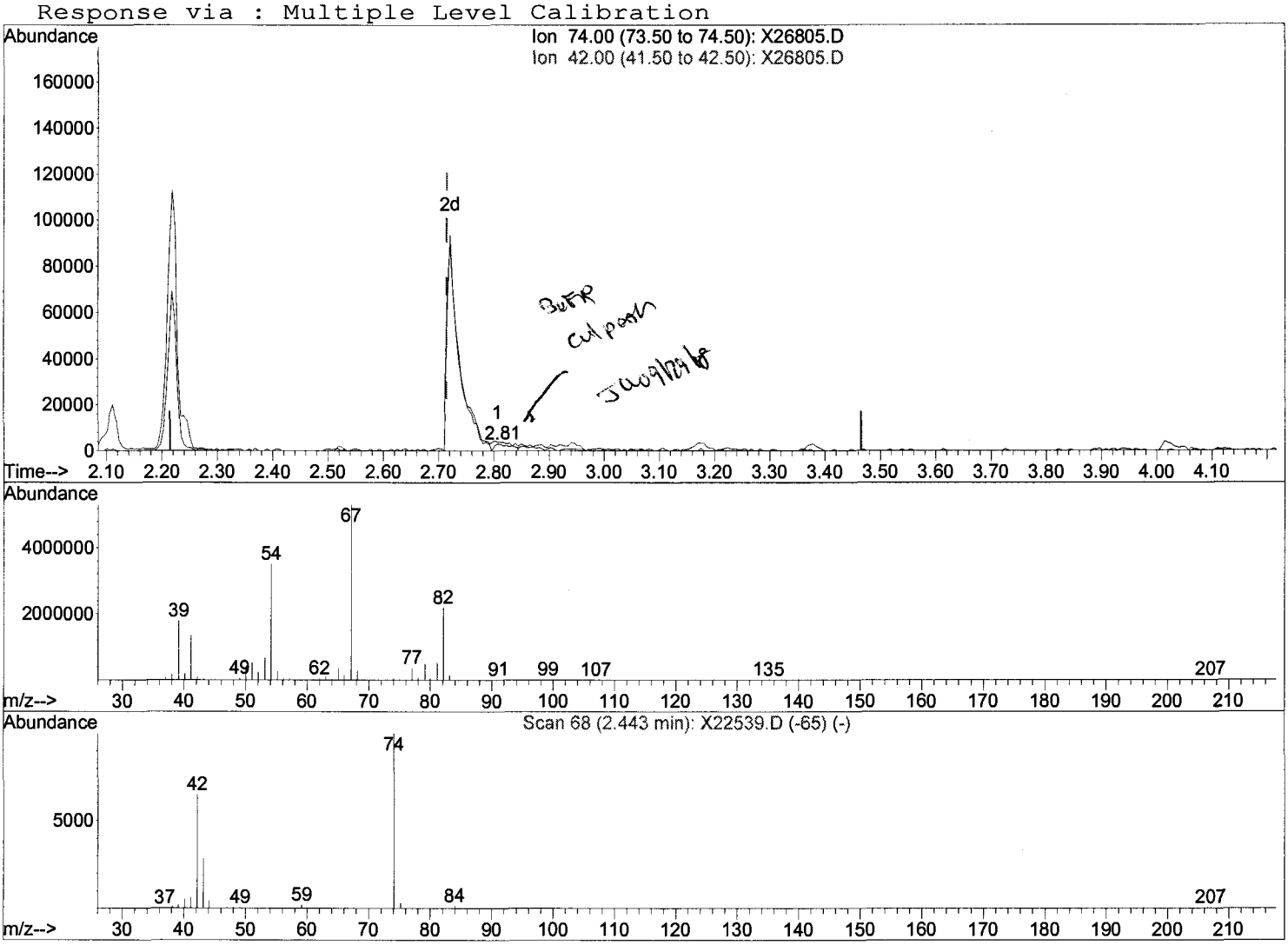
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.89	152	189633	40.00	ng	0.00 86.22%
4) CI40 Naphthalene-d8	7.40	136	643644	40.00	ng	0.01 77.52%
7) CI50 Acenaphthene-d8	9.45	164	305186	40.00	ng	0.01 76.76%
10) CI60 Phenanthrene-d10	11.07	188	646545	40.00	ng	0.01 82.48%
12) CI70 Chrysene-d12	13.49	240	1148700	40.00	ng	0.02 144.89%
13) CI75 Perylene-d12	14.69	264	980046	40.00	ng	0.01 123.35%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.38	77	308299	47.48	ng	96
3) E145 Acetophenone	6.39	105	531670	57.28	ng	93
5) E655 Caprolactam	8.00	113	38133	25.26	ng	# 67
6) E195 1,2,4,5-Tetrachlorobe	8.43	216	309094	58.58	ng	97
8) C811 1,1'-Biphenyl	8.79	154	841518	61.10	ng	97
9) E230 2,3,4,6-Tetrachloroph	9.86	232	245903	100.13	ng	# 100
11) E510 Atrazine	10.83	200	225430	67.23	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\092608\X26805.D
Acq On : 26 Sep 2008 12:16
Sample : MSB AW80017302
Misc : 08-B596/625/612/53
MS Integration Params: rteint.p
Quant Time: Sep 29 11:07:54 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Multiple Level Calibration



TIC: X26805.D

(2) C705 n-nitrosodidimethylamine (T)

2.81min (+0.091) 1.55ng

response 5945

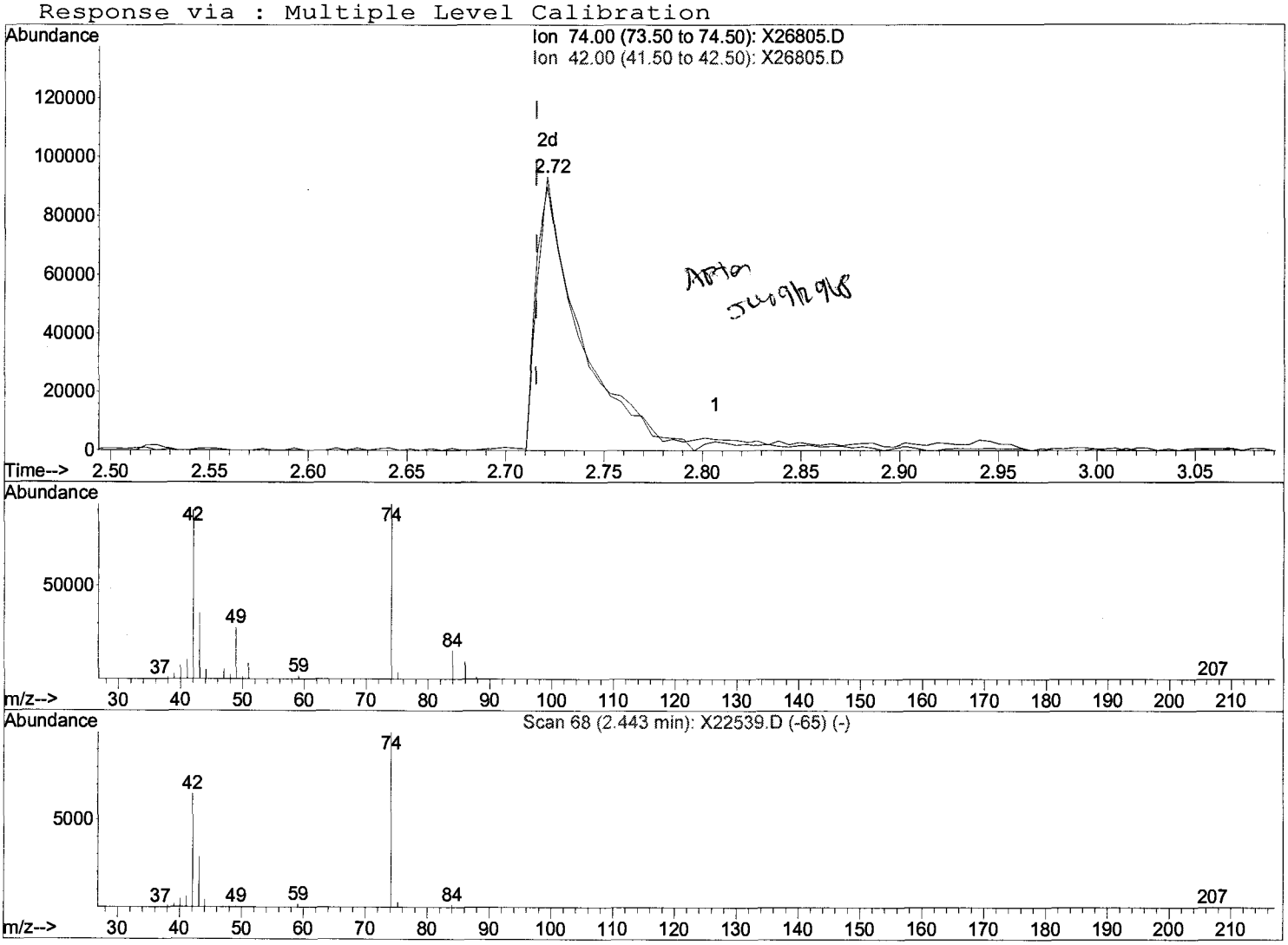
Ion	Exp%	Act%
74.00	100	100
42.00	73.70	74.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit) **1205/3787**

Data File : D:\DATA\092608\X26805.D
Acq On : 26 Sep 2008 12:16
Sample : MSB AW80017302
Misc : 08-B596/625/612/53
MS Integration Params: rteint.p
Quant Time: Sep 29 11:07:54 2008

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Multiple Level Calibration



TIC: X26805.D

(2) C705 n-nitrosodidimethylamine (T)

2.72min (+0.005) 37.57ng m

response 144435

Ion	Exp%	Act%
74.00	100	100
42.00	73.70	3.08#
0.00	0.00	0.00
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: SMBS69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26937.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	73	
208-96-8	Acenaphthylene	72	
98-86-2	Acetophenone	69	
120-12-7	Anthracene	90	
1912-24-9	Atrazine	74	
100-52-7	Benzaldehyde	60	
56-55-3	Benzo(a)anthracene	78	
205-99-2	Benzo(b)fluoranthene	97	
207-08-9	Benzo(k)fluoranthene	110	
191-24-2	Benzo(ghi)perylene	110	
50-32-8	Benzo(a)pyrene	110	
92-52-4	Biphenyl	64	
111-91-1	Bis(2-chloroethoxy) methane	77	
111-44-4	Bis(2-chloroethyl) ether	69	
108-60-1	2,2'-Oxybis(1-Chloropropane)	67	
117-81-7	Bis(2-ethylhexyl) phthalate	80	
101-55-3	4-Bromophenyl phenyl ether	88	
85-68-7	Butyl benzyl phthalate	77	
106-47-8	4-Chloroaniline	86	
59-50-7	4-Chloro-3-methylphenol	87	
91-58-7	2-Chloronaphthalene	69	
95-57-8	2-Chlorophenol	65	
7005-72-3	4-Chlorophenyl phenyl ether	82	
105-60-2	Caprolactam	31	J
86-74-8	Carbazole	96	
218-01-9	Chrysene	76	
53-70-3	Dibenzo(a,h)anthracene	120	
132-64-9	Dibenzofuran	75	
84-74-2	Di-n-butyl phthalate	100	
91-94-1	3,3'-Dichlorobenzidine	76	
120-83-2	2,4-Dichlorophenol	81	
84-66-2	Diethyl phthalate	88	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMBS69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26937.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	77	
131-11-3	Dimethyl phthalate	86	
534-52-1	4,6-Dinitro-2-methylphenol	100	
51-28-5	2,4-Dinitrophenol	97	
121-14-2	2,4-Dinitrotoluene	94	
606-20-2	2,6-Dinitrotoluene	95	
117-84-0	Di-n-octyl phthalate	82	
206-44-0	Fluoranthene	99	
86-73-7	Fluorene	81	
118-74-1	Hexachlorobenzene	90	
87-68-3	Hexachlorobutadiene	48	
77-47-4	Hexachlorocyclopentadiene	54	
67-72-1	Hexachloroethane	40	
193-39-5	Indeno(1,2,3-cd)pyrene	120	
78-59-1	Isophorone	83	
91-57-6	2-Methylnaphthalene	72	B
95-48-7	2-Methylphenol	66	
106-44-5	4-Methylphenol	63	
91-20-3	Naphthalene	60	B
88-74-4	2-Nitroaniline	93	
99-09-2	3-Nitroaniline	93	
100-01-6	4-Nitroaniline	94	
98-95-3	Nitrobenzene	78	
88-75-5	2-Nitrophenol	88	
100-02-7	4-Nitrophenol	44	J
86-30-6	N-nitrosodiphenylamine	110	
621-64-7	N-Nitroso-Di-n-propylamine	82	
87-86-5	Pentachlorophenol	120	
85-01-8	Phenanthrene	90	
108-95-2	Phenol	32	
129-00-0	Pyrene	70	
95-95-4	2,4,5-Trichlorophenol	87	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMBS69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26937.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

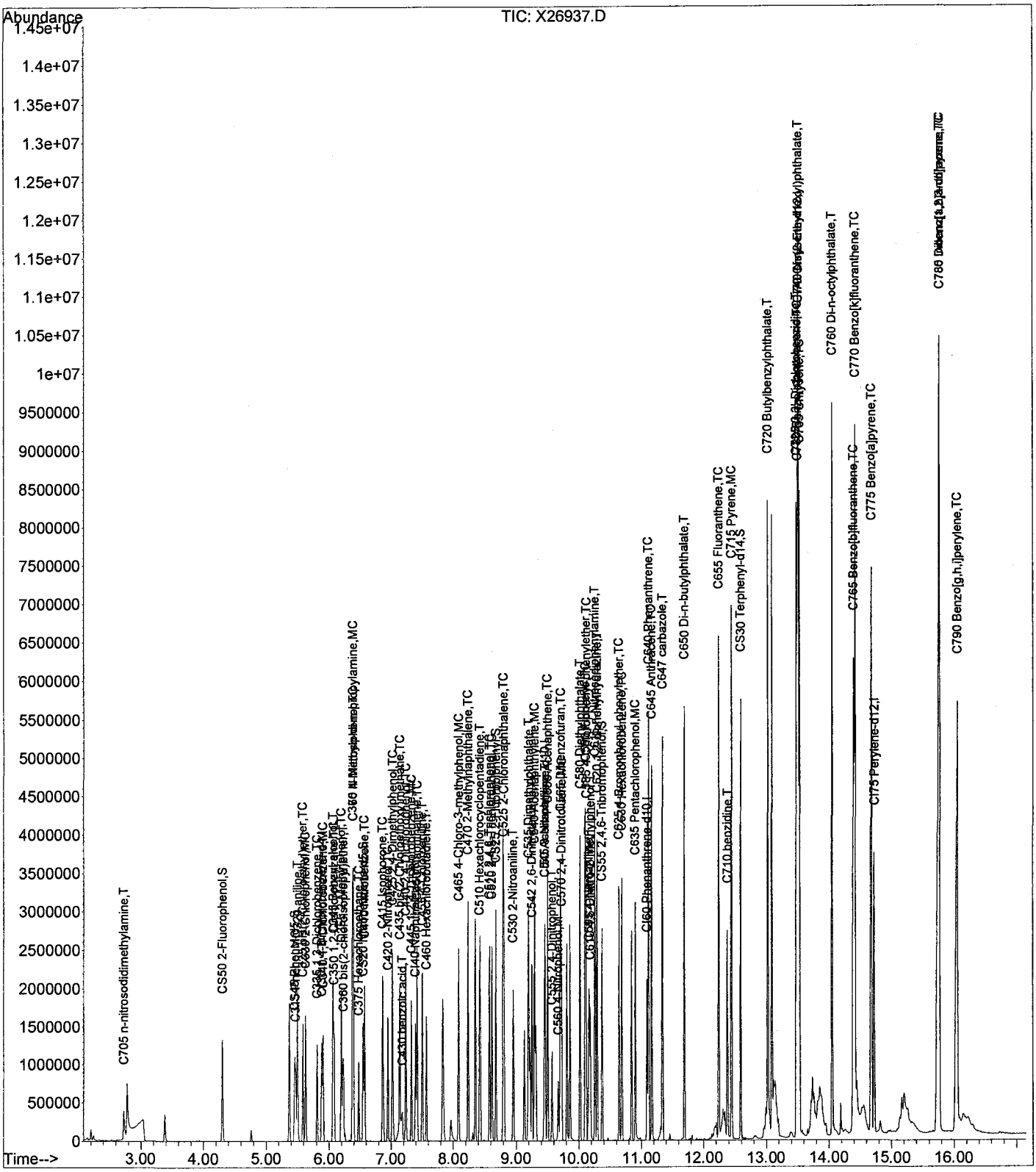
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	80	

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26937.D
Acq On : 2 Oct 2008 19:34
Sample : MSB AW80017839
Misc :
MS Integration Params: rteint.p

Vial: 30
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 03 07:43:20 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Oct 03 07:42:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26937.D Vial: 30
Acq On : 2 Oct 2008 19:34 Operator: AJ
Sample : MSB AW80017839 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 03 07:43:20 2008 Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Oct 03 07:42:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS RD 10.3.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	171722	40.00	ng	0.00 99.46%
20) CI40 Naphthalene-d8	7.39	136	607037	40.00	ng	0.00 100.78%
35) CI50 Acenaphthene-d10	9.47	164	388866	40.00	ng	0.00 113.00%
56) CI60 Phenanthrene-d10	11.09	188	712180	40.00	ng	0.00 113.23%
68) CI70 Chrysene-d12	13.51	240	1434201	40.00	ng	0.00 165.53%
78) CI75 Perylene-d12	14.72	264	1347971	40.00	ng	0.01 114.73%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	376342	56.87	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery = 37.91%			
5) CS45 Phenol-d5	5.46	99	359098	42.59	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery = 28.39%			
6) CS70 2-chlorophenol-d4	5.62	132	364	0.06	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.04%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.55	82	568057	74.18	ng	0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 74.18%			
39) CS25 2-Fluorobiphenyl	8.68	172	852574	61.20	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 61.20%			
59) CS55 2,4,6-Tribromophenol	10.37	330	241409	134.92	ng	0.01
Spiked Amount 150.000	Range 10 - 123		Recovery = 89.95%			
71) CS30 Terphenyl-d14	12.59	244	1283682	48.03	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 48.03%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	210761	48.41	ng	93
4) C325 bis(2-Chloroethyl)eth	5.59	93	490473	69.27	ng	# 71
7) C315 Phenol	5.47	94	261701	31.81	ng	97
8) C330 2-Chlorophenol	5.63	128	372147	64.64	ng	# 79
9) C320 aniline	5.50	93	804675	71.29	ng	88
10) C335 1,3-Dichlorobenzene	5.81	146	277868	41.31	ng	98
11) C340 1,4-Dichlorobenzene	5.91	146	286156	42.12	ng	99
13) C350 1,2-Dichlorobenzene	6.08	146	285468	45.14	ng	98
14) C345 Benzyl alcohol	6.06	108	290477	67.87	ng	89
15) C360 bis(2-chloroisopropyl	6.23	45	634604	67.45	ng	89
16) C355 2-Methylphenol	6.20	108	372269	66.14	ng	95
17) C375 Hexachloroethane	6.48	117	115091	39.68	ng	91
18) C370 N-Nitroso-di-n-propyl	6.39	70	430679	82.15	ng	# 66
19) C365 4-Methylphenol	6.39	108	360140	62.70	ng	87
22) C410 Nitrobenzene	6.57	77	622755	78.38	ng	97
23) C415 Isophorone	6.86	82	1123786	82.93	ng	98
24) C430 benzoic acid	7.18	122	188157	94.36	ng	86
25) C420 2-Nitrophenol	6.95	139	219618	88.15	ng	81
26) C425 2,4-Dimethylphenol	7.02	107	511272	76.87	ng	90
27) C435 bis(2-Chloroethoxy)me	7.14	93	601972	77.13	ng	99
28) C440 2,4-Dichlorophenol	7.24	162	390043	81.27	ng	100

CW 10.5.08

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26937.D
Acq On : 2 Oct 2008 19:34
Sample : MSB AW80017839
Misc :
MS Integration Params: rteint.p
Quant Time: Oct 03 07:43:20 2008

Vial: 30
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Oct 03 07:42:05 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.33	180	285750	55.60	ng		94
30) C450 Naphthalene	7.42	128	959523	60.01	ng		99
31) C455 4-Chloroaniline	7.50	127	551352	85.64	ng		99
32) C460 Hexachlorobutadiene	7.57	225	163411	48.24	ng		97
33) C465 4-Chloro-3-methylphen	8.09	107	469440	87.32	ng		87
34) C470 2-Methylnaphthalene	8.24	142	760241	71.66	ng		97
36) C510 Hexachlorocyclopentad	8.42	237	245467	54.13	ng		92
37) C515 2,4,6-Trichlorophenol	8.58	196	291447	80.35	ng		98
38) C520 2,4,5-Trichlorophenol	8.62	196	336209	86.98	ng		97
40) C525 2-Chloronaphthalene	8.81	162	802395	68.62	ng		96
41) C530 2-Nitroaniline	8.95	65	390850	92.97	ng		92
42) C540 Acenaphthylene	9.29	152	1309706	72.59	ng		98
43) C535 Dimethylphthalate	9.20	163	1183564	85.73	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	266426	95.14	ng		89
45) C550 Acenaphthene	9.50	153	809631	73.41	ng		98
46) C545 3-Nitroaniline	9.45	138	282380	92.67	ng	#	82
47) C555 2,4-Dinitrophenol	9.57	184	125992	97.15	ng	#	64
48) C565 Dibenzofuran	9.71	168	1252650	74.69	ng		84
49) C570 2,4-Dinitrotoluene	9.73	165	392801	93.80	ng	#	64
50) C560 4-Nitrophenol	9.67	109	113901	43.78	ng	#	33
51) C590 Fluorene	10.10	166	1117595	80.85	ng		99
52) C585 4-Chlorophenyl-phenyl	10.12	204	539378	81.65	ng		86
53) C580 Diethylphthalate	10.02	149	1212175	88.22	ng		98
54) C620 1,2-diphenylhydrazine	10.29	77	1428898	80.62	ng		92
55) C595 4-Nitroaniline	10.17	138	299674	93.94	ng	#	57
57) C610 4,6-Dinitro-2-methylp	10.19	198	207060	101.30	ng		100
58) C615 n-Nitrosodiphenylamin	10.26	169	1026597	106.71	ng		96
60) C625 4-Bromophenyl-phenyle	10.65	248	332165	88.19	ng	#	86
61) C630 Hexachlorobenzene	10.69	284	364523	90.06	ng		81
62) C635 Pentachlorophenol	10.90	266	283663	118.10	ng		96
63) C640 Phenanthrene	11.12	178	1774477	90.40	ng		99
64) C645 Anthracene	11.17	178	1836277	90.39	ng		99
65) C647 carbazole	11.34	167	1910610	95.60	ng		96
66) C650 Di-n-butylphthalate	11.69	149	2441671	100.86	ng		99
67) C655 Fluoranthene	12.24	202	2403728	99.01	ng		83
69) C715 Pyrene	12.45	202	2572416	69.62	ng		83
70) C710 benzidine	12.38	184	955449	46.86	ng		99
72) C720 Butylbenzylphthalate	13.02	149	1388864	77.21	ng		91
73) C725 3,3'-Dichlorobenzidin	13.48	252	1304530	76.07	ng		98
74) C730 Benzo[a]anthracene	13.50	228	3039243	78.56	ng		98
75) C735 Chrysene	13.53	228	2800466	76.09	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.51	149	2134693	79.81	ng		93
77) C760 Di-n-octylphthalate	14.05	149	4090679	82.05	ng		99
79) C765 Benzo[b]fluoranthene	14.40	252	3755491	97.44	ng		95
80) C770 Benzo[k]fluoranthene	14.42	252	3418936	106.50	ng		96
81) C775 Benzo[a]pyrene	14.68	252	3711810	110.17	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.77	276	5244434	116.29	ng		96
83) C785 Dibenz[a,h]anthracene	15.77	278	4656968	118.48	ng		92
84) C790 Benzo[g,h,i]perylene	16.06	276	4364011	110.17	ng		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26937.D Vial: 30
Acq On : 2 Oct 2008 19:34 Operator: AJ
Sample : MSB AW80017839 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:47 2008 Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS AD 10-6-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	171722	40.00	ng	0.00 73.80%
4) CI40 Naphthalene-d8	7.39	136	607037	40.00	ng	0.00 72.12%
7) CI50 Acenaphthene-d8	9.47	164	388866	40.00	ng	0.01 85.94%
10) CI60 Phenanthrene-d10	11.09	188	712180	40.00	ng	0.00 86.75%
12) CI70 Chrysene-d12	13.51	240	1434201	40.00	ng	0.01 146.20%
13) CI75 Perylene-d12	14.72	264	1347971	40.00	ng	0.02 110.91%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.37	77	423111	59.80	ng	90
3) E145 Acetophenone	6.38	105	682255	68.87	ng	93
5) E655 Caprolactam	7.96	113	52838	30.79	ng	# 56
6) E195 1,2,4,5-Tetrachlorobe	8.43	216	371718	73.74	ng	96
8) C811 1,1'-Biphenyl	8.80	154	973689	63.98	ng	97
9) E230 2,3,4,6-Tetrachloroph	9.86	232	301792	106.83	ng	# 100
11) E510 Atrazine	10.84	200	303185	73.90	ng	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSBD69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26915.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	66	
208-96-8	Acenaphthylene	64	
98-86-2	Acetophenone	63	
120-12-7	Anthracene	78	
1912-24-9	Atrazine	64	
100-52-7	Benzaldehyde	52	
56-55-3	Benzo(a)anthracene	70	
205-99-2	Benzo(b)fluoranthene	84	
207-08-9	Benzo(k)fluoranthene	96	
191-24-2	Benzo(ghi)perylene	90	
50-32-8	Benzo(a)pyrene	97	
92-52-4	Biphenyl	57	
111-91-1	Bis(2-chloroethoxy) methane	70	
111-44-4	Bis(2-chloroethyl) ether	62	
108-60-1	2,2'-Oxybis(1-Chloropropane)	61	
117-81-7	Bis(2-ethylhexyl) phthalate	73	
101-55-3	4-Bromophenyl phenyl ether	78	
85-68-7	Butyl benzyl phthalate	73	
106-47-8	4-Chloroaniline	77	
59-50-7	4-Chloro-3-methylphenol	81	
91-58-7	2-Chloronaphthalene	61	
95-57-8	2-Chlorophenol	57	
7005-72-3	4-Chlorophenyl phenyl ether	72	
105-60-2	Caprolactam	26	J
86-74-8	Carbazole	78	
218-01-9	Chrysene	67	
53-70-3	Dibenzo(a,h)anthracene	90	
132-64-9	Dibenzofuran	66	
84-74-2	Di-n-butyl phthalate	82	
91-94-1	3,3'-Dichlorobenzidine	64	
120-83-2	2,4-Dichlorophenol	75	
84-66-2	Diethyl phthalate	78	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSBD69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26915.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	70	
131-11-3	Dimethyl phthalate	78	
534-52-1	4,6-Dinitro-2-methylphenol	98	
51-28-5	2,4-Dinitrophenol	99	
121-14-2	2,4-Dinitrotoluene	80	
606-20-2	2,6-Dinitrotoluene	88	
117-84-0	Di-n-octyl phthalate	70	
206-44-0	Fluoranthene	77	
86-73-7	Fluorene	71	
118-74-1	Hexachlorobenzene	79	
87-68-3	Hexachlorobutadiene	48	
77-47-4	Hexachlorocyclopentadiene	50	
67-72-1	Hexachloroethane	40	
193-39-5	Indeno(1,2,3-cd)pyrene	93	
78-59-1	Isophorone	75	
91-57-6	2-Methylnaphthalene	67	B
95-48-7	2-Methylphenol	61	
106-44-5	4-Methylphenol	59	
91-20-3	Naphthalene	58	B
88-74-4	2-Nitroaniline	85	
99-09-2	3-Nitroaniline	80	
100-01-6	4-Nitroaniline	80	
98-95-3	Nitrobenzene	71	
88-75-5	2-Nitrophenol	75	
100-02-7	4-Nitrophenol	37	J
86-30-6	N-nitrosodiphenylamine	93	
621-64-7	N-Nitroso-Di-n-propylamine	75	
87-86-5	Pentachlorophenol	88	
85-01-8	Phenanthrene	77	
108-95-2	Phenol	30	
129-00-0	Pyrene	71	
95-95-4	2,4,5-Trichlorophenol	78	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SMSBD69

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B2324802

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X26915.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

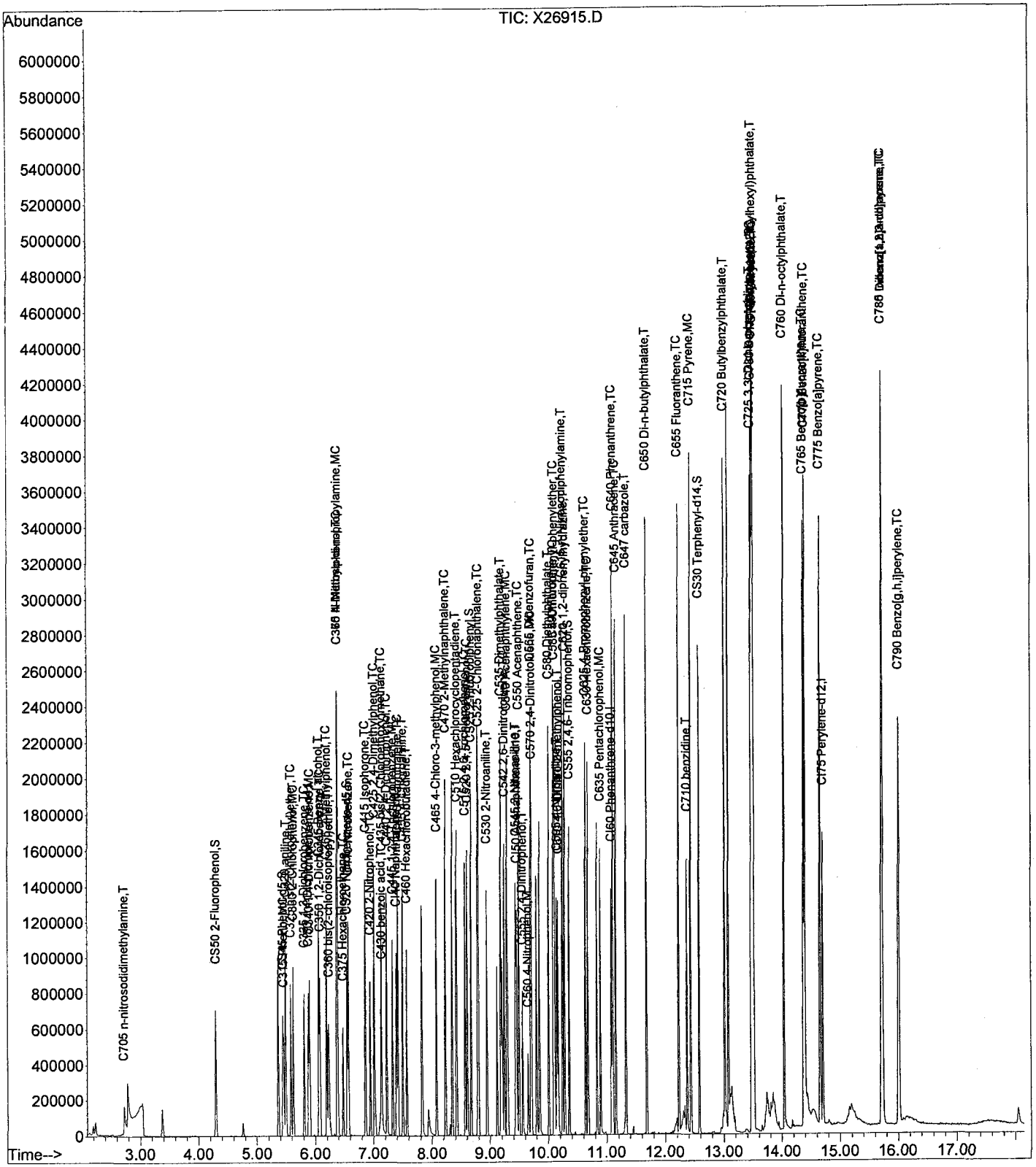
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	72	

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26915.D
Acq On : 2 Oct 2008 11:09
Sample : MSBD AW80017840
Misc : 08-B678/687/794
MS Integration Params: rteint.p

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 02 15:27:50 2008 Results File: A8I0720.RES
Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : FO39BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26915.D
Acq On : 2 Oct 2008 11:09
Sample : MSBD AW80017840
Misc : 08-B678/687/794
MS Integration Params: rteint.p
Quant Time: Oct 02 15:27:50 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : FO39BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

SS AD 10.2.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	107468	40.00	ng	0.00 62.24%
20) CI40 Naphthalene-d8	7.39	136	389019	40.00	ng	0.00 64.58%
35) CI50 Acenaphthene-d10	9.46	164	254911	40.00	ng	0.00 74.07%
56) CI60 Phenanthrene-d10	11.08	188	460369	40.00	ng	0.00 73.19%
68) CI70 Chrysene-d12	13.50	240	684894	40.00	ng	0.00 79.05%
78) CI75 Perylene-d12	14.70	264	601307	40.00	ng	-0.01 51.18%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.29	112	206674	49.90	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.27%			
5) CS45 Phenol-d5	5.44	99	210668	39.93	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 26.62%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.54	82	323317	65.88	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 65.88%			
39) CS25 2-Fluorobiphenyl	8.67	172	513413	56.22	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 56.22%			
59) CS55 2,4,6-Tribromophenol	10.36	330	133283	115.60	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 77.07%			
71) CS30 Terphenyl-d14	12.58	244	632731	49.57	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 49.57%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	112177	41.17	ng	90
4) C325 bis(2-Chloroethyl)eth	5.58	93	272545	61.50	ng	# 72
7) C315 Phenol	5.46	94	152671	29.65	ng	98
8) C330 2-Chlorophenol	5.62	128	205611	57.07	ng	# 81
9) C320 aniline	5.49	93	425157	60.19	ng	92
10) C335 1,3-Dichlorobenzene	5.80	146	163922	38.94	ng	97
11) C340 1,4-Dichlorobenzene	5.90	146	172421	40.55	ng	99
13) C350 1,2-Dichlorobenzene	6.07	146	172317	43.54	ng	95
14) C345 Benzyl alcohol	6.05	108	169623	63.33	ng	# 89
15) C360 bis(2-chloroisopropyl	6.22	45	357846	60.78	ng	91
16) C355 2-Methylphenol	6.18	108	216331	61.41	ng	97
17) C375 Hexachloroethane	6.47	117	72849	40.13	ng	91
18) C370 N-Nitroso-di-n-propyl	6.38	70	245941	74.96	ng	# 69
19) C365 4-Methylphenol	6.38	108	213063	59.27	ng	83
22) C410 Nitrobenzene	6.56	77	362456	71.19	ng	96
23) C415 Isophorone	6.85	82	651725	75.05	ng	98
24) C430 benzoic acid	7.14	122	91365	81.60	ng	# 81
25) C420 2-Nitrophenol	6.94	139	119191	74.65	ng	83
26) C425 2,4-Dimethylphenol	7.01	107	297986	69.91	ng	89
27) C435 bis(2-Chloroethoxy)me	7.13	93	351939	70.37	ng	99
28) C440 2,4-Dichlorophenol	7.23	162	229466	74.60	ng	98

10.15.08

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26915.D
Acq On : 2 Oct 2008 11:09
Sample : MSBD AW80017840
Misc : 08-B678/687/794
MS Integration Params: rteint.p
Quant Time: Oct 02 15:27:50 2008

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Results File: A8I0720.RES

Quant Method : C:\MSDCHEM\1...\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Oct 02 15:27:28 2008
Response via : Initial Calibration
DataAcq Meth : FO39BP
IS QA File : D:\DATA\100208\X26909.D (2 Oct 2008 8:50)

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.32	180	170271	51.69 ng		94
30) C450 Naphthalene	7.41	128	589791	57.56 ng		99
31) C455 4-Chloroaniline	7.49	127	319079	77.34 ng		98
32) C460 Hexachlorobutadiene	7.56	225	105449	48.57 ng		97
33) C465 4-Chloro-3-methylphen	8.08	107	279899	81.24 ng		93
34) C470 2-Methylnaphthalene	8.23	142	455034	66.93 ng		99
36) C510 Hexachlorocyclopentad	8.41	237	150311	50.56 ng		93
37) C515 2,4,6-Trichlorophenol	8.57	196	171604	72.17 ng		95
38) C520 2,4,5-Trichlorophenol	8.61	196	196970	77.74 ng		97
40) C525 2-Chloronaphthalene	8.80	162	470100	61.33 ng		96
41) C530 2-Nitroaniline	8.94	65	234420	85.06 ng		92
42) C540 Acenaphthylene	9.29	152	763191	64.53 ng		99
43) C535 Dimethylphthalate	9.18	163	710396	78.50 ng		100
44) C542 2,6-Dinitrotoluene	9.24	165	160677	87.53 ng		80
45) C550 Acenaphthene	9.49	153	478638	66.21 ng		98
46) C545 3-Nitroaniline	9.44	138	160310	80.26 ng	#	79
47) C555 2,4-Dinitrophenol	9.56	184	84629	99.28 ng	#	68
48) C565 Dibenzofuran	9.70	168	726225	66.05 ng		80
49) C570 2,4-Dinitrotoluene	9.72	165	220636	80.48 ng		72
50) C560 4-Nitrophenol	9.65	109	62626	37.38 ng	#	32
51) C590 Fluorene	10.10	166	645481	71.24 ng		99
52) C585 4-Chlorophenyl-phenyl	10.11	204	312714	72.21 ng		83
53) C580 Diethylphthalate	10.01	149	699556	77.66 ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	837772	72.10 ng		93
55) C595 4-Nitroaniline	10.15	138	167276	79.99 ng	#	56
57) C610 4,6-Dinitro-2-methylp	10.17	198	129595	98.40 ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	578289	92.99 ng		95
60) C625 4-Bromophenyl-phenyle	10.64	248	189670	77.90 ng	#	78
61) C630 Hexachlorobenzene	10.68	284	207428	79.28 ng		78
62) C635 Pentachlorophenol	10.89	266	134809	88.51 ng		99
63) C640 Phenanthrene	11.11	178	981483	77.35 ng		99
64) C645 Anthracene	11.16	178	1018644	77.57 ng		100
65) C647 carbazole	11.33	167	1002466	77.59 ng		96
66) C650 Di-n-butylphthalate	11.68	149	1290939	82.49 ng		97
67) C655 Fluoranthene	12.23	202	1202689	76.64 ng		86
69) C715 Pyrene	12.44	202	1256193	71.19 ng		83
70) C710 benzidine	12.37	184	472450	48.52 ng		100
72) C720 Butylbenzylphthalate	13.01	149	631011	73.46 ng	#	80
73) C725 3,3'-Dichlorobenzidin	13.47	252	524857	64.09 ng		99
74) C730 Benzo[a]anthracene	13.48	228	1293780	70.03 ng		99
75) C735 Chrysene	13.52	228	1179552	67.11 ng		99
76) C740 bis(2-Ethylhexyl)phth	13.51	149	937175	73.37 ng		94
77) C760 Di-n-octylphthalate	14.04	149	1656259	69.57 ng		99
79) C765 Benzo[b]fluoranthene	14.38	252	1454360	84.59 ng		95
80) C770 Benzo[k]fluoranthene	14.40	252	1380357	96.39 ng		94
81) C775 Benzo[a]pyrene	14.66	252	1456760	96.93 ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	1864173	92.66 ng		81
83) C785 Dibenz[a,h]anthracene	15.73	278	1588298	90.58 ng		91
84) C790 Benzo[g,h,i]perylene	16.02	276	1598418	90.46 ng		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\100208\X26915.D Vial: 8
Acq On : 2 Oct 2008 11:09 Operator: AJ
Sample : MSBD AW80017840 Inst : HP5973X
Misc : 08-B678/687/794 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 06 17:12:49 2008 Results File: A8I0722.RES

Quant Method : C:\MSDCHEM\1...\A8I0722.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Mon Oct 06 17:10:48 2008
Response via : Initial Calibration
DataAcq Meth : FO39BP
IS QA File : D:\DATA\093008\X26845.D (30 Sep 2008 12:39)

SS RD 10-6-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	107468	40.00	ng	-0.01 46.18%
4) CI40 Naphthalene-d8	7.39	136	389019	40.00	ng	0.00 46.22%
7) CI50 Acenaphthene-d8	9.46	164	254911	40.00	ng	0.00 56.33%
10) CI60 Phenanthrene-d10	11.08	188	460369	40.00	ng	0.00 56.08%
12) CI70 Chrysene-d12	13.50	240	684894	40.00	ng	0.00 69.82%
13) CI75 Perylene-d12	14.70	264	601307	40.00	ng	0.00 49.48%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.36	77	229090	51.74	ng	90
3) E145 Acetophenone	6.37	105	389988	62.90	ng	86
5) E655 Caprolactam	7.94	113	27809	25.88	ng	# 51
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	220808	68.35	ng	98
8) C811 1,1'-Biphenyl	8.79	154	569947	57.13	ng	97
9) E230 2,3,4,6-Tetrachloroph	9.85	232	171320	93.05	ng	# 100
11) E510 Atrazine	10.83	200	168929	63.69	ng	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302MS

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26826.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	88	
208-96-8	Acenaphthylene	84	
98-86-2	Acetophenone	68	
120-12-7	Anthracene	92	
1912-24-9	Atrazine	75	
100-52-7	Benzaldehyde	60	
56-55-3	Benzo(a)anthracene	81	
205-99-2	Benzo(b)fluoranthene	100	
207-08-9	Benzo(k)fluoranthene	96	
191-24-2	Benzo(ghi)perylene	96	
50-32-8	Benzo(a)pyrene	120	
92-52-4	Biphenyl	80	
111-91-1	Bis(2-chloroethoxy) methane	82	
111-44-4	Bis(2-chloroethyl) ether	67	
108-60-1	2,2'-Oxybis(1-Chloropropane)	68	
117-81-7	Bis(2-ethylhexyl) phthalate	73	
101-55-3	4-Bromophenyl phenyl ether	93	
85-68-7	Butyl benzyl phthalate	72	
106-47-8	4-Chloroaniline	80	
59-50-7	4-Chloro-3-methylphenol	86	
91-58-7	2-Chloronaphthalene	85	
95-57-8	2-Chlorophenol	62	
7005-72-3	4-Chlorophenyl phenyl ether	90	
105-60-2	Caprolactam	31	J
86-74-8	Carbazole	100	
218-01-9	Chrysene	79	
53-70-3	Dibenzo(a,h)anthracene	110	
132-64-9	Dibenzofuran	86	
84-74-2	Di-n-butyl phthalate	100	B
91-94-1	3,3'-Dichlorobenzidine	66	
120-83-2	2,4-Dichlorophenol	82	
84-66-2	Diethyl phthalate	97	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302MS

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26826.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	82	
131-11-3	Dimethyl phthalate	95	
534-52-1	4,6-Dinitro-2-methylphenol	70	
51-28-5	2,4-Dinitrophenol	44	J
121-14-2	2,4-Dinitrotoluene	99	
606-20-2	2,6-Dinitrotoluene	99	
117-84-0	Di-n-octyl phthalate	81	
206-44-0	Fluoranthene	100	
86-73-7	Fluorene	91	
118-74-1	Hexachlorobenzene	90	
87-68-3	Hexachlorobutadiene	79	
77-47-4	Hexachlorocyclopentadiene	53	
67-72-1	Hexachloroethane	63	
193-39-5	Indeno(1,2,3-cd)pyrene	100	
78-59-1	Isophorone	84	
91-57-6	2-Methylnaphthalene	81	
95-48-7	2-Methylphenol	61	
106-44-5	4-Methylphenol	53	
91-20-3	Naphthalene	84	
88-74-4	2-Nitroaniline	83	
99-09-2	3-Nitroaniline	88	
100-01-6	4-Nitroaniline	97	
98-95-3	Nitrobenzene	89	
88-75-5	2-Nitrophenol	85	
100-02-7	4-Nitrophenol	5	J
86-30-6	N-nitrosodiphenylamine	100	
621-64-7	N-Nitroso-Di-n-propylamine	71	
87-86-5	Pentachlorophenol	31	J
85-01-8	Phenanthrene	95	
108-95-2	Phenol	24	
129-00-0	Pyrene	65	
95-95-4	2,4,5-Trichlorophenol	97	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302MS

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: X26826.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

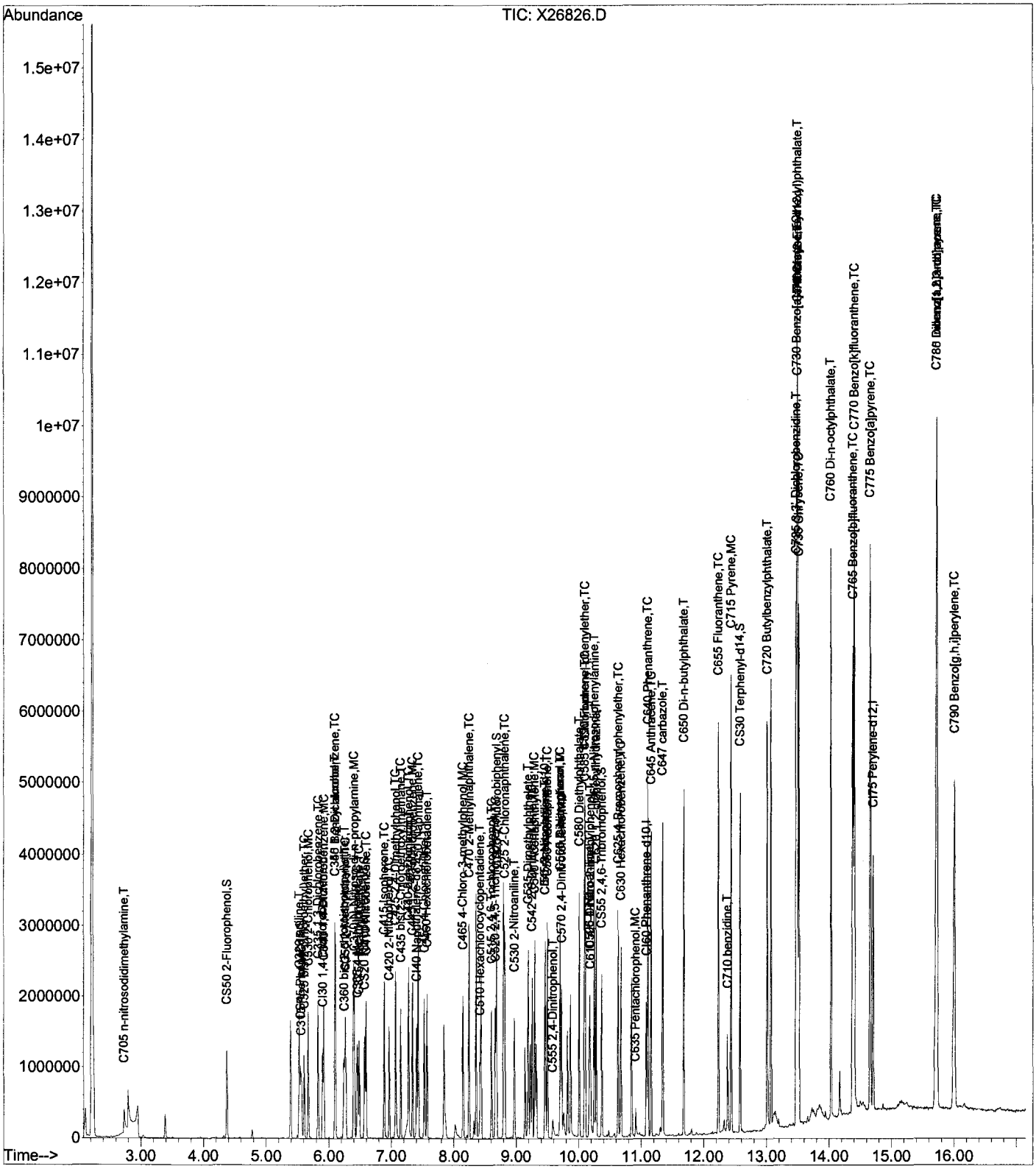
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	80	

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26826.D
Acq On : 26 Sep 2008 20:14
Sample : A8B5302MS AW80017323
Misc :
MS Integration Params: rteint.p

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 29 11:08:52 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26826.D Vial: 31
Acq On : 26 Sep 2008 20:14 Operator: AJ
Sample : A8B5302MS AW80017323 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 11:08:52 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

SS 10.15.08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	181763	40.00	ng	0.00 87.16%
20) CI40 Naphthalene-d8	7.40	136	583314	40.00	ng	0.00 81.69%
35) CI50 Acenaphthene-d10	9.46	164	294418	40.00	ng	0.00 92.72%
56) CI60 Phenanthrene-d10	11.08	188	656168	40.00	ng	0.00 101.77%
68) CI70 Chrysene-d12	13.50	240	1377299	40.00	ng	0.00 153.91%
78) CI75 Perylene-d12	14.70	264	1266229	40.00	ng	0.01 127.07%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.37	112	354071	56.24	ng	0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 37.49%			
5) CS45 Phenol-d5	5.55	99	294874	35.02	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 23.35%			
6) CS70 2-chlorophenol-d4	5.66	132	201	0.03	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.02%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.57	82	470356	76.23	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 76.23%			
39) CS25 2-Fluorobiphenyl	8.69	172	866190	76.03	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 76.03%			
59) CS55 2,4,6-Tribromophenol	10.37	330	203741	127.49	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 84.99%			
71) CS30 Terphenyl-d14	12.58	244	1151246	41.01	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 41.01%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	170521	46.28	ng	# 65
4) C325 bis(2-Chloroethyl)eth	5.61	93	414478	63.68	ng	# 74
7) C315 Phenol	5.56	94	218006	23.37	ng	97
8) C330 2-Chlorophenol	5.67	128	386339	59.31	ng	88
9) C320 aniline	5.53	93	612272	56.95	ng	100
10) C335 1,3-Dichlorobenzene	5.83	146	396846	56.07	ng	95
11) C340 1,4-Dichlorobenzene	5.92	146	407690	56.36	ng	94
13) C350 1,2-Dichlorobenzene	6.09	146	399002	58.62	ng	97
14) C345 Benzyl alcohol	6.10	108	244834	53.45	ng	95
15) C360 bis(2-chloroisopropyl	6.25	45	597410	64.74	ng	88
16) C355 2-Methylphenol	6.26	108	349705	57.75	ng	94
17) C375 Hexachloroethane	6.48	117	155917	59.78	ng	93
18) C370 N-Nitroso-di-n-propyl	6.41	70	358792	67.77	ng	# 75
19) C365 4-Methylphenol	6.46	108	327066	50.18	ng	88
22) C410 Nitrobenzene	6.60	77	533058	84.51	ng	99
23) C415 Isophorone	6.89	82	890964	79.63	ng	91
24) C430 benzoic acid	7.27	122	121221	66.10	ng	# 83
25) C420 2-Nitrophenol	6.96	139	232338	81.22	ng	93
26) C425 2,4-Dimethylphenol	7.07	107	447420	77.44	ng	97
27) C435 bis(2-Chloroethoxy)me	7.15	93	503599	77.81	ng	93
28) C440 2,4-Dichlorophenol	7.27	162	360862	77.93	ng	99

@ 10.15.08

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26826.D Vial: 31
Acq On : 26 Sep 2008 20:14 Operator: AJ
Sample : A8B5302MS AW80017323 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 11:08:52 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	357760	74.23	ng		91
30) C450 Naphthalene	7.43	128	1219538	79.86	ng		97
31) C455 4-Chloroaniline	7.53	127	486196	75.61	ng		100
32) C460 Hexachlorobutadiene	7.57	225	213133	75.14	ng		96
33) C465 4-Chloro-3-methylphen	8.15	107	396947	81.27	ng		97
34) C470 2-Methylnaphthalene	8.25	142	849925	77.09	ng		92
36) C510 Hexachlorocyclopentad	8.42	237	150110	50.65	ng		95
37) C515 2,4,6-Trichlorophenol	8.61	196	229958	76.05	ng		99
38) C520 2,4,5-Trichlorophenol	8.66	196	276071	92.29	ng		94
40) C525 2-Chloronaphthalene	8.81	162	766068	81.16	ng		96
41) C530 2-Nitroaniline	8.97	65	306162	79.12	ng		93
42) C540 Acenaphthylene	9.29	152	1162349	79.48	ng		99
43) C535 Dimethylphthalate	9.19	163	994535	90.19	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	237525	93.88	ng		98
45) C550 Acenaphthene	9.50	153	693895	83.88	ng		100
46) C545 3-Nitroaniline	9.47	138	237745	84.03	ng		96
47) C555 2,4-Dinitrophenol	9.58	184	54759	41.39	ng	#	53
48) C565 Dibenzofuran	9.71	168	1146022	81.62	ng		94
49) C570 2,4-Dinitrotoluene	9.73	165	342248	94.51	ng		70
50) C560 4-Nitrophenol	9.70	109	5099	4.97	ng	#	1
51) C590 Fluorene	10.10	166	1004935	86.47	ng		99
52) C585 4-Chlorophenyl-phenyl	10.11	204	493093	85.04	ng		93
53) C580 Diethylphthalate	10.01	149	1025628	92.04	ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	1054519	85.78	ng		81
55) C595 4-Nitroaniline	10.18	138	281430	92.03	ng		85
57) C610 4,6-Dinitro-2-methylp	10.19	198	156693	66.29	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	911731	100.19	ng		99
60) C625 4-Bromophenyl-phenyle	10.63	248	311488	88.27	ng	#	86
61) C630 Hexachlorobenzene	10.68	284	309892	85.54	ng		91
62) C635 Pentachlorophenol	10.91	266	44051	29.73	ng		94
63) C640 Phenanthrene	11.11	178	1639073	90.28	ng		98
64) C645 Anthracene	11.16	178	1643690	87.97	ng		97
65) C647 carbazole	11.34	167	1709586	97.61	ng		99
66) C650 Di-n-butylphthalate	11.68	149	1943416	94.93	ng		100
67) C655 Fluoranthene	12.23	202	2103488	98.94	ng		87
69) C715 Pyrene	12.44	202	2243621	61.85	ng		85
70) C710 benzidine	12.38	184	448354	21.40	ng		98
72) C720 Butylbenzylphthalate	13.01	149	1112125	68.86	ng		90
73) C725 3,3'-Dichlorobenzidin	13.47	252	984588	62.81	ng		97
74) C730 Benzo[a]anthracene	13.48	228	2875586	76.74	ng		98
75) C735 Chrysene	13.52	228	2631163	75.14	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.50	149	1594663	69.55	ng		96
77) C760 Di-n-octylphthalate	14.03	149	3122811	76.79	ng		100
79) C765 Benzo[b]fluoranthene	14.38	252	3757898	97.03	ng		96
80) C770 Benzo[k]fluoranthene	14.40	252	3199651	91.12	ng		97
81) C775 Benzo[a]pyrene	14.66	252	3722812	109.27	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	4218018	99.47	ng		99
83) C785 Dibenz[a,h]anthracene	15.73	278	3752784	100.97	ng		92
84) C790 Benzo[g,h,i]perylene	16.01	276	3326489	91.09	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\092608\X26826.D Vial: 31
Acq On : 26 Sep 2008 20:14 Operator: AJ
Sample : A8B5302MS AW80017323 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 14:20:02 2008 Results File: A8I0700.RES

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 14:17:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

SS AD 9.30.08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	181763	40.00	ng		0.00 82.64%
4) CI40 Naphthalene-d8	7.40	136	583314	40.00	ng		0.00 70.26%
7) CI50 Acenaphthene-d8	9.46	164	294418	40.00	ng		0.00 74.05%
10) CI60 Phenanthrene-d10	11.08	188	656168	40.00	ng		0.00 83.71%
12) CI70 Chrysene-d12	13.50	240	1377299	40.00	ng		0.01 173.73%
13) CI75 Perylene-d12	14.70	264	1266229	40.00	ng		0.01 159.37%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.39	77	352276	56.60	ng		94
3) E145 Acetophenone	6.40	105	579559	65.15	ng		94
5) E655 Caprolactam	8.02	113	41401m	29.78	ng	#	45
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	378337	79.12	ng		97
8) C811 1,1'-Biphenyl	8.80	154	1004014	75.56	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.87	232	226898	96.12	ng	#	100
11) E510 Atrazine	10.85	200	242201	71.17	ng		90

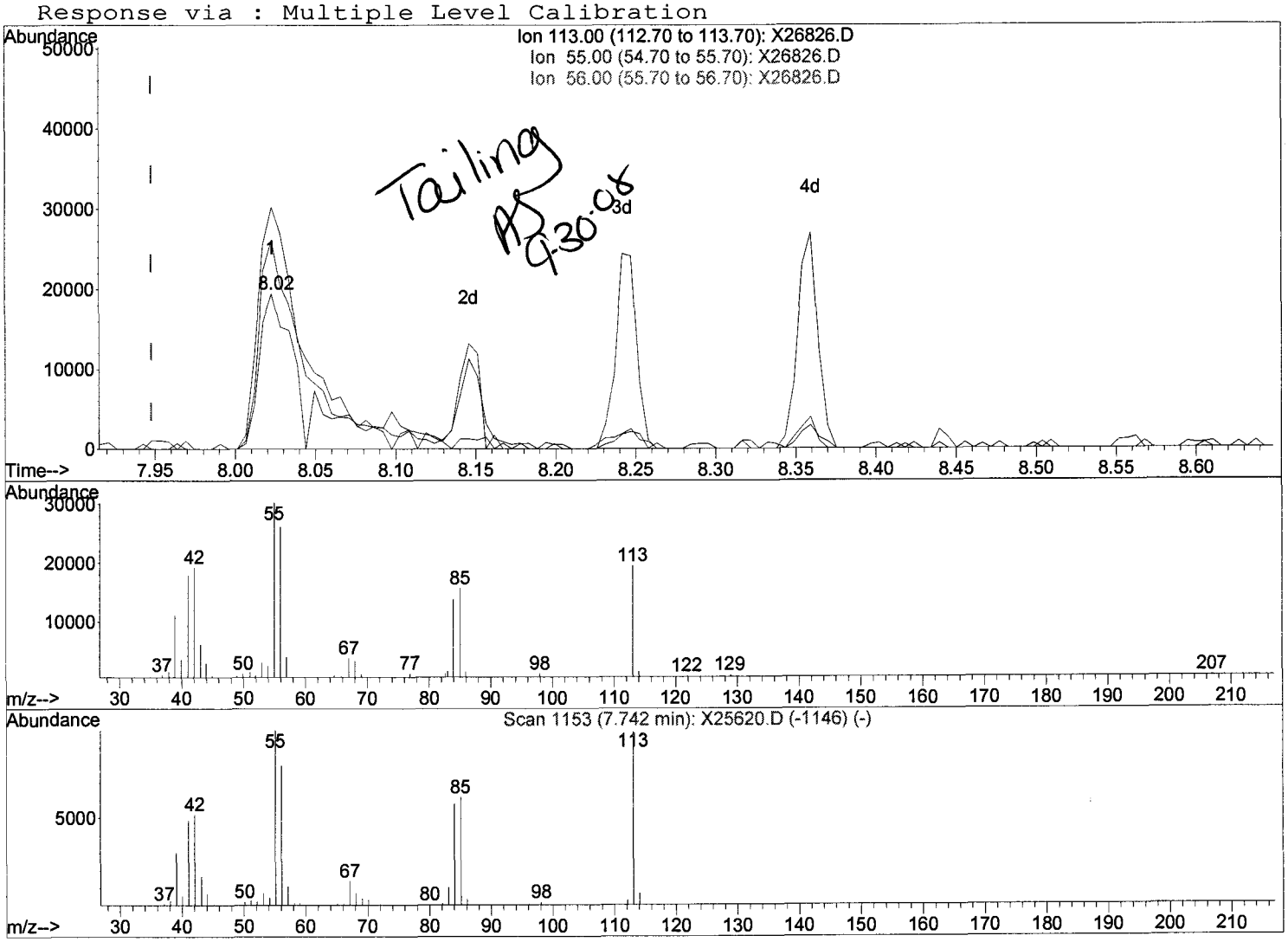
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit) **1227/3787**

Data File : D:\DATA\092608\X26826.D
Acq On : 26 Sep 2008 20:14
Sample : A8B5302MS AW80017323
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 14:17:58 2008

Vial: 31
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 14:17:45 2008
Response via : Multiple Level Calibration



TIC: X26826.D

(5) E655 Caprolactam

8.02min (+0.075) 19.92ng

response 26478

Ion	Exp%	Act%
113.00	100	100
55.00	90.90	155.49#
56.00	94.00	134.55#
0.00	0.00	0.00

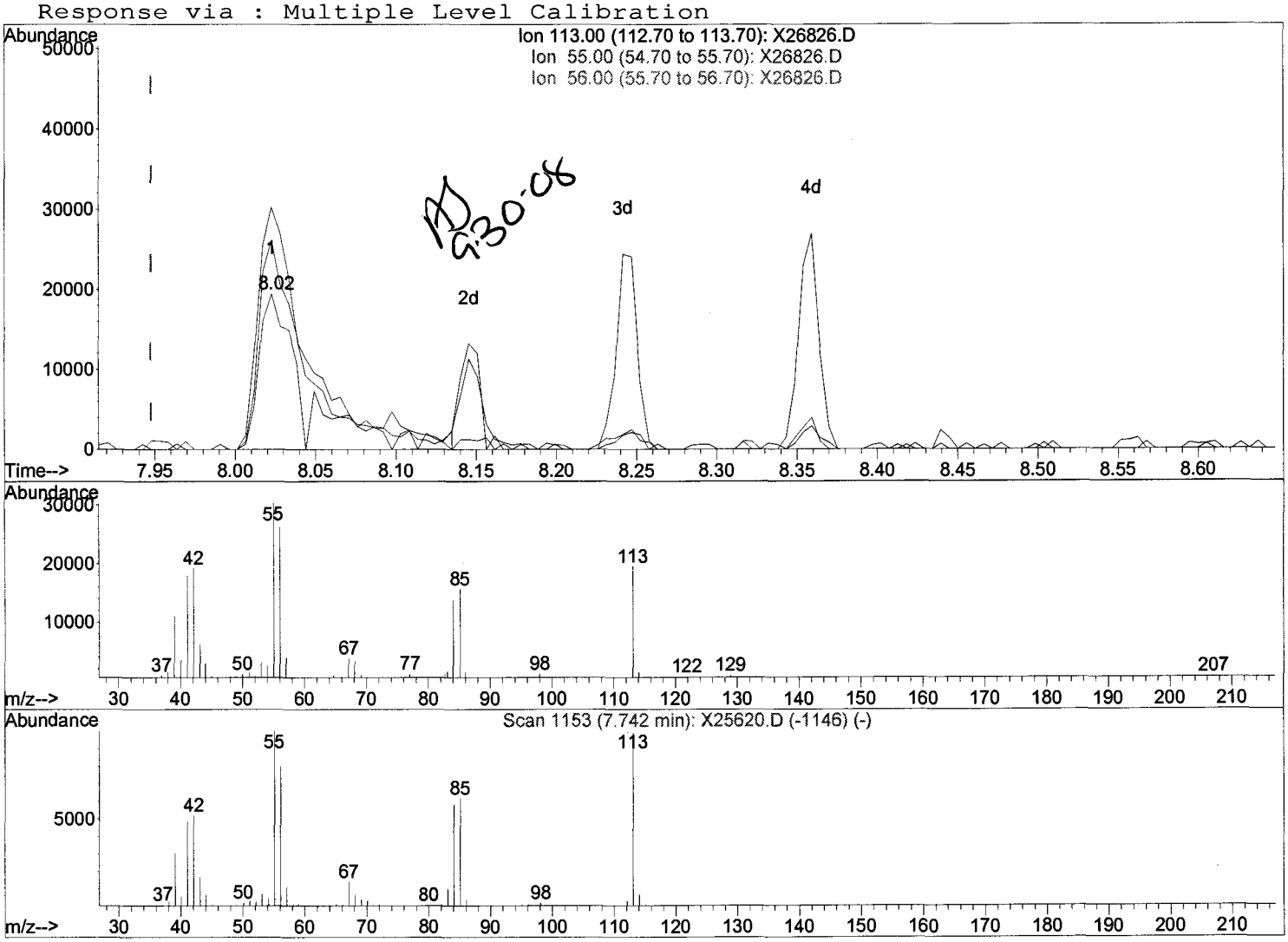
DMJ 10/6/08

Quantitation Report (Qedit) **1228/3787**

Data File : D:\DATA\092608\X26826.D
Acq On : 26 Sep 2008 20:14
Sample : A8B5302MS AW80017323
Misc :
MS Integration Params: rteint.p
Quant Time: Sep 30 14:17:58 2008

Via1: 31
Operator: AJ
Inst : HP5973X
Multip1r: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 14:17:45 2008
Response via : Multiple Level Calibration



TIC: X26826.D

(5) E655 Caprolactam

8.02min (+0.075) 29.78ng m

response 41401

Ion	Exp%	Act%
113.00	100	100
55.00	90.90	155.49#
56.00	94.00	134.55#
0.00	0.00	0.00

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302SD

Sample wt/vol: 960.00 (g/mL) ML Lab File ID: X26827.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	84	
208-96-8	Acenaphthylene	83	
98-86-2	Acetophenone	65	
120-12-7	Anthracene	94	
1912-24-9	Atrazine	75	
100-52-7	Benzaldehyde	59	
56-55-3	Benzo(a)anthracene	79	
205-99-2	Benzo(b)fluoranthene	100	
207-08-9	Benzo(k)fluoranthene	92	
191-24-2	Benzo(ghi)perylene	92	
50-32-8	Benzo(a)pyrene	110	
92-52-4	Biphenyl	77	
111-91-1	Bis(2-chloroethoxy) methane	76	
111-44-4	Bis(2-chloroethyl) ether	64	
108-60-1	2,2'-Oxybis(1-Chloropropane)	66	
117-81-7	Bis(2-ethylhexyl) phthalate	71	
101-55-3	4-Bromophenyl phenyl ether	89	
85-68-7	Butyl benzyl phthalate	70	
106-47-8	4-Chloroaniline	77	
59-50-7	4-Chloro-3-methylphenol	80	
91-58-7	2-Chloronaphthalene	84	
95-57-8	2-Chlorophenol	60	
7005-72-3	4-Chlorophenyl phenyl ether	88	
105-60-2	Caprolactam	31	J
86-74-8	Carbazole	100	
218-01-9	Chrysene	77	
53-70-3	Dibenzo(a,h)anthracene	100	
132-64-9	Dibenzofuran	85	
84-74-2	Di-n-butyl phthalate	100	B
91-94-1	3,3'-Dichlorobenzidine	71	
120-83-2	2,4-Dichlorophenol	76	
84-66-2	Diethyl phthalate	96	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302SD

Sample wt/vol: 960.00 (g/mL) ML Lab File ID: X26827.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
105-67-9	2,4-Dimethylphenol	76	
131-11-3	Dimethyl phthalate	93	
534-52-1	4,6-Dinitro-2-methylphenol	78	
51-28-5	2,4-Dinitrophenol	43	J
121-14-2	2,4-Dinitrotoluene	98	
606-20-2	2,6-Dinitrotoluene	100	
117-84-0	Di-n-octyl phthalate	78	
206-44-0	Fluoranthene	110	
86-73-7	Fluorene	92	
118-74-1	Hexachlorobenzene	92	
87-68-3	Hexachlorobutadiene	77	
77-47-4	Hexachlorocyclopentadiene	52	
67-72-1	Hexachloroethane	63	
193-39-5	Indeno(1,2,3-cd)pyrene	100	
78-59-1	Isophorone	77	
91-57-6	2-Methylnaphthalene	74	
95-48-7	2-Methylphenol	58	
106-44-5	4-Methylphenol	51	
91-20-3	Naphthalene	78	
88-74-4	2-Nitroaniline	80	
99-09-2	3-Nitroaniline	91	
100-01-6	4-Nitroaniline	96	
98-95-3	Nitrobenzene	83	
88-75-5	2-Nitrophenol	78	
100-02-7	4-Nitrophenol	5	J
86-30-6	N-nitrosodiphenylamine	100	
621-64-7	N-Nitroso-Di-n-propylamine	67	
87-86-5	Pentachlorophenol	29	J
85-01-8	Phenanthrene	95	
108-95-2	Phenol	25	
129-00-0	Pyrene	62	
95-95-4	2,4,5-Trichlorophenol	96	

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix: (soil/water) WATER Lab Sample ID: A8B65302SD

Sample wt/vol: 960.00 (g/mL) ML Lab File ID: X26827.RR

Level: (low/med) LOW Date Samp/Recv: 09/22/2008 09/23/2008

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/25/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/26/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

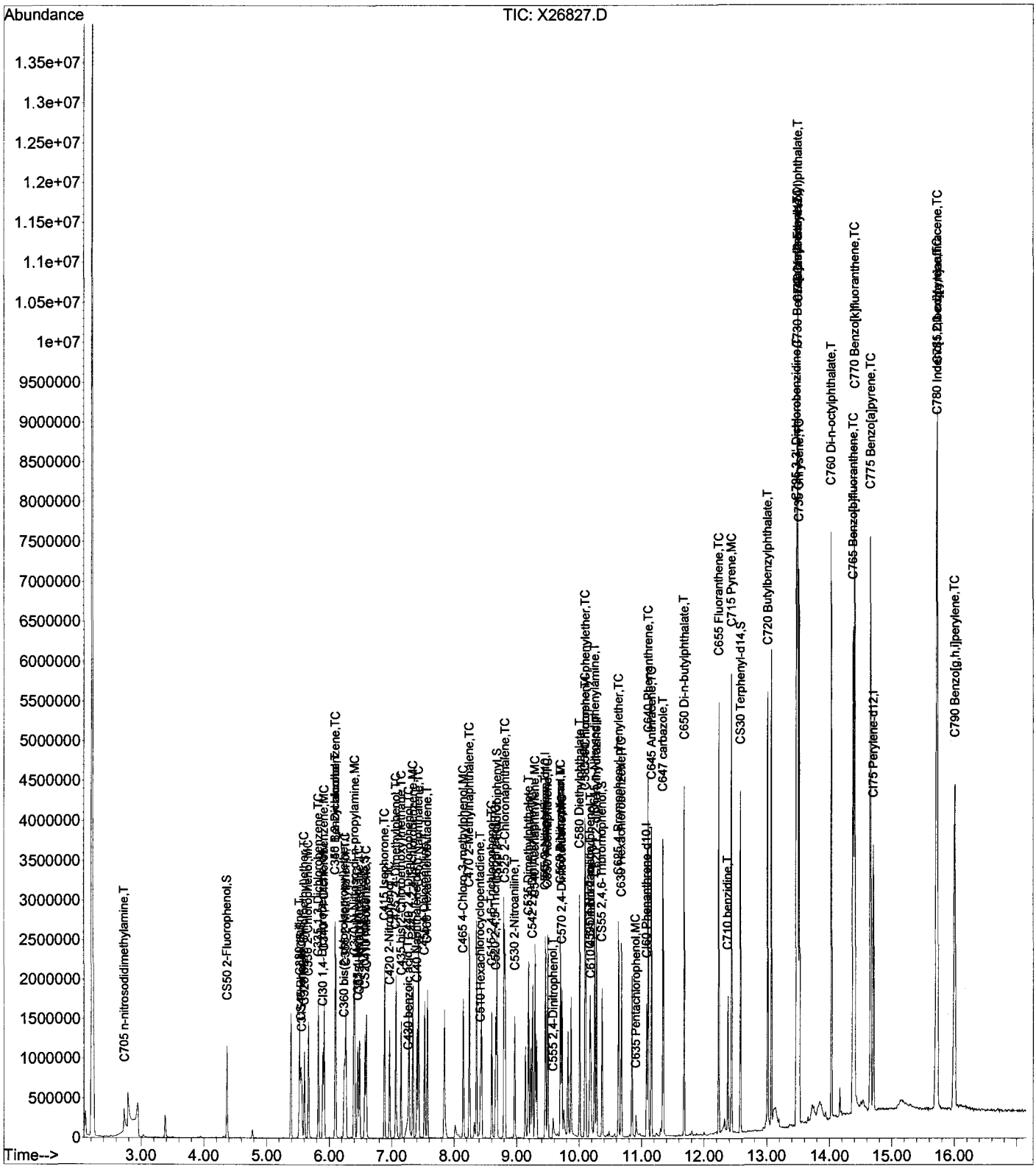
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
88-06-2	2,4,6-Trichlorophenol	81	

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26827.D
Acq On : 26 Sep 2008 20:37
Sample : A8B5302SD AW80017324
Misc :
MS Integration Params: rteint.p

Vial: 32
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Sep 29 11:08:54 2008 Results File: A8I0705.RES
Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26827.D Vial: 32
Acq On : 26 Sep 2008 20:37 Operator: AJ
Sample : A8B5302SD AW80017324 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 11:08:54 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

SS BD 9-30-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	161663	40.00	ng	0.00 77.52%
20) CI40 Naphthalene-d8	7.40	136	526987	40.00	ng	0.00 73.81%
35) CI50 Acenaphthene-d10	9.46	164	254622	40.00	ng	0.00 80.19%
56) CI60 Phenanthrene-d10	11.08	188	566974	40.00	ng	0.00 87.94%
68) CI70 Chrysene-d12	13.50	240	1267234	40.00	ng	0.00 141.61%
78) CI75 Perylene-d12	14.70	264	1169274	40.00	ng	0.01 117.34%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.37	112	310709	55.49	ng	0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 36.99%			
5) CS45 Phenol-d5	5.54	99	261370	34.91	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 23.27%			
6) CS70 2-chlorophenol-d4	5.67	132	585	0.10	ng	0.03
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.07%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
21) CS20 Nitrobenzene-d5	6.57	82	408546	73.29	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 73.29%			
39) CS25 2-Fluorobiphenyl	8.69	172	723100	73.39	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 73.39%			
59) CS55 2,4,6-Tribromophenol	10.37	330	173569	125.70	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 83.80%			
71) CS30 Terphenyl-d14	12.58	244	1048042	40.58	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 40.58%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	149364	45.58	ng	# 72
4) C325 bis(2-Chloroethyl)eth	5.60	93	356055	61.50	ng	# 74
7) C315 Phenol	5.56	94	196895	23.73	ng	98
8) C330 2-Chlorophenol	5.67	128	336377	58.06	ng	91
9) C320 aniline	5.53	93	525511	54.96	ng	99
10) C335 1,3-Dichlorobenzene	5.83	146	360452	57.26	ng	99
11) C340 1,4-Dichlorobenzene	5.92	146	368836	57.33	ng	97
13) C350 1,2-Dichlorobenzene	6.09	146	361499	59.71	ng	97
14) C345 Benzyl alcohol	6.10	108	207121	50.84	ng	95
15) C360 bis(2-chloroisopropyl	6.24	45	524108	63.86	ng	93
16) C355 2-Methylphenol	6.26	108	301051	55.90	ng	94
17) C375 Hexachloroethane	6.48	117	140136	60.41	ng	91
18) C370 N-Nitroso-di-n-propyl	6.41	70	302112	64.16	ng	# 71
19) C365 4-Methylphenol	6.46	108	285401	49.24	ng	87
22) C410 Nitrobenzene	6.60	77	454628	79.78	ng	97
23) C415 Isophorone	6.88	82	747537	73.95	ng	91
24) C430 benzoic acid	7.26	122	93635	61.43	ng	# 82
25) C420 2-Nitrophenol	6.96	139	193234	74.77	ng	89
26) C425 2,4-Dimethylphenol	7.07	107	381307	73.05	ng	93
27) C435 bis(2-Chloroethoxy)me	7.15	93	425345	72.75	ng	93
28) C440 2,4-Dichlorophenol	7.27	162	306737	73.32	ng	99

@ 10-15-08

Data File : D:\DATA\092608\X26827.D Vial: 32
Acq On : 26 Sep 2008 20:37 Operator: AJ
Sample : A8B5302SD AW80017324 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 29 11:08:54 2008 Results File: A8I0705.RES

Quant Method : C:\MSDCHEM\1...\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Sep 29 11:07:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092608\X26797.D (26 Sep 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	306766	70.46	ng		95
30) C450 Naphthalene	7.43	128	1034748	75.00	ng		97
31) C455 4-Chloroaniline	7.53	127	427603	73.61	ng		98
32) C460 Hexachlorobutadiene	7.57	225	190310	74.27	ng		96
33) C465 4-Chloro-3-methylphen	8.15	107	336854	76.34	ng		99
34) C470 2-Methylnaphthalene	8.24	142	703847	70.67	ng		96
36) C510 Hexachlorocyclopentad	8.42	237	127086	49.65	ng		96
37) C515 2,4,6-Trichlorophenol	8.61	196	203778	77.93	ng		97
38) C520 2,4,5-Trichlorophenol	8.66	196	239783	92.68	ng		97
40) C525 2-Chloronaphthalene	8.81	162	659499	80.79	ng		94
41) C530 2-Nitroaniline	8.97	65	258225	77.16	ng		91
42) C540 Acenaphthylene	9.29	152	1003238	79.32	ng		99
43) C535 Dimethylphthalate	9.19	163	850037	89.14	ng		98
44) C542 2,6-Dinitrotoluene	9.26	165	214212	97.90	ng		97
45) C550 Acenaphthene	9.50	153	574466	80.29	ng		97
46) C545 3-Nitroaniline	9.47	138	213050	87.07	ng		94
47) C555 2,4-Dinitrophenol	9.58	184	46815	41.02	ng	#	52
48) C565 Dibenzofuran	9.71	168	987699	81.34	ng		96
49) C570 2,4-Dinitrotoluene	9.73	165	295456	94.34	ng	#	69
50) C560 4-Nitrophenol	9.71	109	4713	5.16	ng	#	1
51) C590 Fluorene	10.10	166	886540	88.20	ng		100
52) C585 4-Chlorophenyl-phenyl	10.11	204	425985	84.95	ng		89
53) C580 Diethylphthalate	10.01	149	890163	92.37	ng		98
54) C620 1,2-diphenylhydrazine	10.28	77	913902	85.96	ng		82
55) C595 4-Nitroaniline	10.18	138	244052	92.28	ng	#	82
57) C610 4,6-Dinitro-2-methylp	10.19	198	155410	75.42	ng		100
58) C615 n-Nitrosodiphenylamin	10.25	169	790987	100.60	ng		99
60) C625 4-Bromophenyl-phenyle	10.63	248	259913	85.24	ng	#	79
61) C630 Hexachlorobenzene	10.68	284	277807	88.75	ng		90
62) C635 Pentachlorophenol	10.91	266	33839	27.54	ng		88
63) C640 Phenanthrene	11.11	178	1436439	91.57	ng		98
64) C645 Anthracene	11.16	178	1461975	90.55	ng		97
65) C647 carbazole	11.35	167	1519208	100.39	ng		98
66) C650 Di-n-butylphthalate	11.68	149	1703703	96.31	ng		98
67) C655 Fluoranthene	12.23	202	1894443	103.12	ng		87
69) C715 Pyrene	12.44	202	2003850	60.04	ng		85
70) C710 benzidine	12.38	184	550475	28.55	ng		100
72) C720 Butylbenzylphthalate	13.01	149	1004347	67.59	ng		92
73) C725 3,3'-Dichlorobenzidin	13.47	252	980446	67.98	ng		98
74) C730 Benzo[a]anthracene	13.48	228	2615106	75.85	ng		98
75) C735 Chrysene	13.52	228	2378825	73.84	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.50	149	1443869	68.44	ng		94
77) C760 Di-n-octylphthalate	14.03	149	2791407	74.60	ng		100
79) C765 Benzo[b]fluoranthene	14.38	252	3541201	99.01	ng		96
80) C770 Benzo[k]fluoranthene	14.40	252	2878260	88.76	ng		97
81) C775 Benzo[a]pyrene	14.66	252	3398798	108.03	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	3864811	98.70	ng		91
83) C785 Dibenz[a,h]anthracene	15.73	278	3386087	98.66	ng		96
84) C790 Benzo[g,h,i]perylene	16.01	276	2985039	88.52	ng		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\092608\X26827.D Vial: 32
Acq On : 26 Sep 2008 20:37 Operator: AJ
Sample : A8B5302SD AW80017324 Inst : HP5973X
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 30 14:17:59 2008 Results File: A8I0700.RES

SS AJ 9.30.08

Quant Method : C:\MSDCHEM\1...\A8I0700.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Tue Sep 30 14:17:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\092208\X26660.D (22 Sep 2008 13:38)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	161663	40.00	ng		0.00 73.50%
4) CI40 Naphthalene-d8	7.40	136	526987	40.00	ng		0.00 63.47%
7) CI50 Acenaphthene-d8	9.46	164	254622	40.00	ng		0.00 64.04%
10) CI60 Phenanthrene-d10	11.08	188	566974	40.00	ng		0.00 72.33%
12) CI70 Chrysene-d12	13.50	240	1267234	40.00	ng		0.01 159.84%
13) CI75 Perylene-d12	14.70	264	1169135	40.00	ng		0.01 147.15%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.39	77	311455	56.27	ng		94
3) E145 Acetophenone	6.39	105	493643	62.39	ng		94
5) E655 Caprolactam	8.02	113	37323	29.72	ng	#	50
6) E195 1,2,4,5-Tetrachlorobe	8.44	216	323052	74.78	ng		98
8) C811 1,1'-Biphenyl	8.80	154	845646	73.59	ng		97
9) E230 2,3,4,6-Tetrachloroph	9.87	232	210747	102.65	ng	#	100
11) E510 Atrazine	10.85	200	212965	72.42	ng		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

estAmerica Lab
ate: 10/06/2008
ime: 17:47:20

Organic Prep Log Book
(3510C) 8270 H2O
A8B22928 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/25/2008 CC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/25/2008 JB

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B22928	A8B2292801		MSB	AW80017302	HEXCLBEN		8270	A00001	A00062		5.00	1000.0000	1.00
A8B22928	A8B2292802		SBLK	AW80017303	HEXCLBEN		8270	A00001			5.00	1000.0000	1.00
A08-B596	A8B59601	A	FS	AW80017304	HEXCLBEN		8270	A00001			10.00	1000.0000	1.00
A08-B596	A8B59602	A	FS	AW80017305	HEXCLBEN		8270	A00001			9.00	1000.0000	1.00
A08-B596	A8B59602MS	A	MS	AW80017306	HEXCLBEN		8270	A00001	A00062		9.00	1000.0000	1.00
A08-B596	A8B59602SD	A	SD	AW80017307	HEXCLBEN		8270	A00001	A00062		9.00	1000.0000	1.00
A08-B596	A8B59603	A	FS	AW80017308	HEXCLBEN		8270	A00001			11.00	1000.0000	1.00
A8B22928	A8B2292801		MSB	AW80017302	SVOA		8270	A00001	A00193		5.00	1000.0000	1.00
A8B22928	A8B2292802		SBLK	AW80017303	SVOA		8270	A00001			5.00	1000.0000	1.00
A08-B625	A8B62501	A	FS	AW80017309	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B625	A8B62502	A	FS	AW80017310	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B625	A8B62503	A	FS	AW80017311	SVOA		8270	A00001			6.00	1060.0000	1.00
A8B22928	A8B2292801		MSB	AW80017302	SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
A8B22928	A8B2292802		SBLK	AW80017303	SVOA		8270	A00001			5.00	1000.0000	1.00
A08-B612	A8B61201	A	FS	AW80017312	SVOA		8270	A00001			6.00	1050.0000	1.00
A08-B612	A8B61202	A	FS	AW80017313	SVOA		8270	A00001			6.00	1050.0000	1.00

estAmerica Lab
ate: 10/06/2008
ime: 17:47:20

Organic Prep Log Book
(3510C) 8270 H2O
A8B22928 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/25/2008 CC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/25/2008 JB

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-B612	A8B61203	A	FS	AW80017314	SVOA		8270	A00001			6.00	1050.0000	1.00
A08-B612	A8B61204	A	FS	AW80017315	SVOA		8270	A00001			6.00	1050.0000	1.00
A08-B612	A8B61205	A	FS	AW80017316	SVOA		8270	A00001			6.00	1050.0000	1.00
A08-B612	A8B61206	A	FS	AW80017317	SVOA		8270	A00001			6.00	1030.0000	1.00
A08-B612	A8B61207	A	FS	AW80017318	SVOA		8270	A00001			6.00	1000.0000	1.00
A08-B612	A8B61208	A	FS	AW80017319	SVOA		8270	A00001			6.00	1040.0000	1.00
A08-B612	A8B61209	A	FS	AW80017320	SVOA		8270	A00001			6.00	950.0000	1.00
A8B22928	A8B2292801		MSB	AW80017302	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
A8B22928	A8B2292802		SBLK	AW80017303	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
A08-B653	A8B65301	A	FS	AW80017321	TCL SVOA		8270	A00001			6.00	1000.0000	1.00
A08-B653	A8B65302	A	FS	AW80017322	TCL SVOA		8270	A00001			6.00	950.0000	1.00
A08-B653	A8B65302MS	A	MS	AW80017323	TCL SVOA		8270	A00001	A00055		6.00	950.0000	1.00
A08-B653	A8B65302SD	A	SD	AW80017324	TCL SVOA		8270	A00001	A00055		6.00	960.0000	1.00
A08-B653	A8B65303	A	FS	AW80017325	TCL SVOA		8270	A00001			6.00	1010.0000	1.00

Comments:

TestAmerica Lab
Date: 09/24/2008
Time: 22:45:19

Organic Prep Log Book
(3510C) 8270 H2O
A8B22928

Rept: AN0501

SURROGATE A01
Expiration Date: 3-23-09
Prepared by: CE-3196
Spiked by: ~~SB~~ 1000.00 ul
Witnessed by:

MATRIX SPIKE A193 / Ben3
Expiration Date: 3-11-09 / 3-23-09
Prepared by: CW / EKD
Spiked by: ~~SB~~ CC / CC 1000.00 ul
Witnessed by:

MeCl2: G34J07
Acetone:
Hexane: G31E25
Na2So4: 27668003
1:1 H2SO4: 8191
10 N NaOH: 8990

Date Ext/Initials: 9-25-08 CC/SB
Date Cleanup/Initials:
Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 9-25-08 SB

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B22928	A8B2292801		MSB	AW80017302	HEXCLBEN		8270	A00001	A00062	clear	5	1000	1.0
A8B22928	A8B2292802		SBLK	AW80017303	HEXCLBEN		8270	A00001		↓	↓	↓	↓
A08-B596	A8B59601	A	FS	AW80017304	HEXCLBEN		8270	A00001		↓	10		
A08-B596	A8B59602	↓	FS	AW80017305	HEXCLBEN		8270	A00001		yellow	9		
A08-B596	A8B59602MS	↓	MS	AW80017306	HEXCLBEN		8270	A00001	A00062	↓	↓		
A08-B596	A8B59602SD	↓	SD	AW80017307	HEXCLBEN		8270	A00001	A00062	↓	↓		
A08-B596	A8B59603	A	FS	AW80017308	HEXCLBEN		8270	A00001		clear	11		
A8B22928	A8B2292801		MSB	AW80017302	SVOA		8270	A00001	A00193	lt. yellow	5		
A8B22928	A8B2292802		SBLK	AW80017303	SVOA		8270	A00001		↓	↓	↓	
A08-B625	A8B62501	A	FS	AW80017309	SVOA	— 10x5	8270	A00001		↓	6	1060	
A08-B625	A8B62502	↓	FS	AW80017310	SVOA		8270	A00001		clear	↓	↓	
A08-B625	A8B62503	↓	FS	AW80017311	SVOA		8270	A00001		↓	↓	↓	
A8B22928	A8B2292801		MSB	AW80017302	SVOA		8270	A00001	A00055	↓	5	1000	
A8B22928	A8B2292802		SBLK	AW80017303	SVOA		8270	A00001		↓	↓	↓	
A08-B612	A8B61201	A	FS	AW80017312	SVOA	— 10x	8270	A00001		brown	6	1050	
A08-B612	A8B61202	↓	FS	AW80017313	SVOA	— 10x	8270	A00001		↓	↓	↓	↓

1238/3787

'estAmerica Lab
ate: 09/24/2008
ime: 22:45:19

Organic Prep Log Book
(3510C) 8270 H2O
A8B22928

Rept: AN0501

SURROGATE
Expiration Date:
Prepared by:
Spiked by: 1000.00 ul
Witnessed by:

MATRIX SPIKE
Expiration Date:
Prepared by:
Spiked by: 1000.00 ul
Witnessed by:

MeCl2:
Acetone:
Hexane:
Na2So4:
1:1 H2SO4:
10 N NaOH:

Date Ext/Initials:

Date Cleanup/Initials:

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials:

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-B612	A8B61203	A	FS	AW80017314	SVOA	10 X	8270	A00001		black	4	1050	1.0
A08-B612	A8B61204		FS	AW80017315	SVOA	10 X	8270	A00001		↓			
A08-B612	A8B61205		FS	AW80017316	SVOA	10 X	8270	A00001		brown			
A08-B612	A8B61206		FS	AW80017317	SVOA	10 X	8270	A00001		black		1030	
A08-B612	A8B61207		FS	AW80017318	SVOA	10 X	8270	A00001				1000	
A08-B612	A8B61208		FS	AW80017319	SVOA	10 X	8270	A00001				1040	
A08-B612	A8B61209	↓	FS	AW80017320	SVOA	10X	8270	A00001		brown	↓	950	
A8B22928	A8B2292801		MSB	AW80017302	TCL SVOA		8270	A00001	A00055	clear	5	1000	
A8B22928	A8B2292802		SBLK	AW80017303	TCL SVOA		8270	A00001		↓	↓	↓	
A08-B653	A8B65301	A	FS	AW80017321	TCL SVOA	10X1S	8270	A00001		clear	4	1000	
A08-B653	A8B65302		FS	AW80017322	TCL SVOA		8270	A00001				950	
A08-B653	A8B65302MS		MS	AW80017323	TCL SVOA		8270	A00001	A00055			↓	
A08-B653	A8B65302SD		SD	AW80017324	TCL SVOA		8270	A00001	A00055			960	
A08-B653	A8B65303	↓	FS	AW80017325	TCL SVOA		8270	A00001		↓	↓	1010	↓

1239/3787

Acceptance Limits: 30-40 °C Turbovap Temp: 32.0,31.6,31.8,32.4

Gas Flow Check: CC

Entered Initials:

Closed Initials:

Comments:

'estAmerica Lab
ate: 10/06/2008
ime: 17:49:08

Organic Prep Log Book
(3510C) 8270 H2O
A8B23015 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/26/2008 JB

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/26/2008 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B23015	A8B2301501		MSB	AW80017464	SVOA		8270	A00001	A00193		5.00	1000.0000	1.00
A8B23015	A8B2301502		SBLK	AW80017465	SVOA		8270	A00001			5.00	1000.0000	1.00
A08-B706	A8B70601	A	FS	AW80017466	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B706	A8B70601MS	A	MS	AW80017467	SVOA		8270	A00001	A00193		6.00	1060.0000	1.00
A08-B706	A8B70601SD	A	SD	AW80017468	SVOA		8270	A00001	A00193		6.00	1060.0000	1.00
A08-B706	A8B70602	A	FS	AW80017469	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B706	A8B70603	A	FS	AW80017470	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B706	A8B70604	A	FS	AW80017471	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B706	A8B70605	A	FS	AW80017472	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B706	A8B70606	A	FS	AW80017473	SVOA		8270	A00001			6.00	1060.0000	1.00
A08-B706	A8B70607	A	FS	AW80017474	SVOA		8270	A00001			6.00	1060.0000	1.00
A8B23015	A8B2301501		MSB	AW80017464	8270APII		8270	A00001	A00055		5.00	1000.0000	1.00
A8B23015	A8B2301502		SBLK	AW80017465	8270APII		8270	A00001			5.00	1000.0000	1.00
A08-B725	A8B72505	B	FS	AW80017475	8270APII		8270	A00001			6.00	1010.0000	1.00
A08-B725	A8B72506	B	FS	AW80017476	8270APII		8270	A00001			6.00	1020.0000	1.00
A8B23015	A8B2301501		MSB	AW80017464	ASP00		8270	A00001	A00193		5.00	1000.0000	1.00

1240/3787

estAmerica Lab
ate: 10/06/2008
ime: 17:49:08

Organic Prep Log Book
(3510C) 8270 H2O
A8B23015 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/26/2008 JB

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/26/2008 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B23015	A8B2301502		SBLK	AW80017465	ASP00		8270	A00001	_____	_____	5.00	1000.0000	1.00
A08-B734	A8B73401	A	FS	AW80017477	ASP00		8270	A00001	_____	_____	6.00	1000.0000	1.00
A08-B734	A8B73402	A	FS	AW80017478	ASP00		8270	A00001	_____	_____	6.00	1060.0000	1.00
A08-B734	A8B73403	A	FS	AW80017479	ASP00		8270	A00001	_____	_____	6.00	960.0000	1.00
A08-B734	A8B73404	A	FS	AW80017480	ASP00		8270	A00001	_____	_____	6.00	910.0000	1.00
A08-B734	A8B73405	A	FS	AW80017481	ASP00		8270	A00001	_____	_____	6.00	1060.0000	1.00
A08-B738	A8B73801	A	FS	AW80017482	ASP00		8270	A00001	_____	_____	6.00	990.0000	1.00
A08-B738	A8B73802	A	FS	AW80017483	ASP00		8270	A00001	_____	_____	6.00	1050.0000	1.00
A08-B738	A8B73803	A	FS	AW80017484	ASP00		8270	A00001	_____	_____	6.00	1020.0000	1.00
A08-B738	A8B73803MS	A	MS	AW80017485	ASP00		8270	A00001	A00193	_____	6.00	1060.0000	1.00
A08-B738	A8B73803SD	B	SD	AW80017486	ASP00		8270	A00001	A00193	_____	6.00	1060.0000	1.00
A8B23015	A8B2301501		MSB	AW80017464	TCL SVOA		8270	A00001	A00055	_____	5.00	1000.0000	1.00
A8B23015	A8B2301502		SBLK	AW80017465	TCL SVOA		8270	A00001	_____	_____	5.00	1000.0000	1.00
A08-B727	A8B72701	A	FS	AW80017487	TCL SVOA		8270	A00001	_____	_____	6.00	810.0000	1.00
A08-B727	A8B72702	A	FS	AW80017488	TCL SVOA		8270	A00001	_____	_____	6.00	1060.0000	1.00

Comments:

1241/3787

'estAmerica Lab
ate: 09/25/2008
'ime: 22:04:59

Organic Prep Log Book
(3510C) 8270 H2O
A8B23015

Rept: AN0501

SURROGATE A01
Expiration Date: 3-23-09
Prepared by: CE-31960
Spiked by: XB
Witnessed by: _____
1000.00 ul

MATRIX SPIKE A193 / Ben3
Expiration Date: 3-11-09 / 3-23-09
Prepared by: CW / EKD
Spiked by: XB / XB
Witnessed by: _____ / _____
1000.00 ul

MeCl2: G17403
Acetone: —
Hexane: —
Na2So4: 27878003
1:1 H2SO4: 8191
10 N NaOH: 8690

Date Ext/Initials: 9-26-08 JB
Date Cleanup/Initials: _____ _____

Extraction Type: (SEPF) or CLLE (circle one)
AQUEOUS EXTRACTIONS
Date Conc/Initials: 9-26-08 CM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B23015	A8B2301501		MSB	AW80017464	SVOA		8270	A00001	A00193	clear	5	1000	1.0
A8B23015	A8B2301502		SBLK	AW80017465	SVOA		8270	A00001			↓	↓	
A08-B706	A8B70601	A	FS	AW80017466	SVOA		8270	A00001			6	1060	
A08-B706	A8B70601MS		MS	AW80017467	SVOA		8270	A00001	A00193				
A08-B706	A8B70601SD		SD	AW80017468	SVOA		8270	A00001	A00193				
A08-B706	A8B70602		FS	AW80017469	SVOA		8270	A00001					
A08-B706	A8B70603		FS	AW80017470	SVOA		8270	A00001					
A08-B706	A8B70604		FS	AW80017471	SVOA		8270	A00001					
A08-B706	A8B70605	↓	FS	AW80017472	SVOA		8270	A00001					
A08-B706	A8B70606	A	FS	AW80017473	SVOA		8270	A00001					
A08-B706	A8B70607	↓	FS	AW80017474	SVOA		8270	A00001			6	↓	
A8B23015	A8B2301501		MSB	AW80017464	8270APII		8270	A00001	A00055		5	1000	
A8B23015	A8B2301502		SBLK	AW80017465	8270APII		8270	A00001			↓	↓	
A08-B725	A8B72505	B	FS	AW80017475	8270APII		8270	A00001		↓	6	1010	
A08-B725	A8B72506	↓	FS	AW80017476	8270APII		8270	A00001		lt. yellow	↓	1020	
A8B23015	A8B2301501		MSB	AW80017464	ASP00		8270	A00001	A00193	clear	5	1000	↓

1242/3787

TestAmerica Lab
Date: 09/25/2008
Time: 22:04:59

Organic Prep Log Book
(3510C) 8270 H2O
A8B23015

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B23015	A8B2301502		SBLK	AW80017465	ASP00		8270	A00001		clear	5	1000	1.0
A08-B734	A8B73401	A	FS	AW80017477	ASP00		8270	A00001		brown	6	↓	
A08-B734	A8B73402	↓	FS	AW80017478	ASP00		8270	A00001		↓	↓	1060	
A08-B734	A8B73403	↓	FS	AW80017479	ASP00		8270	A00001		clear	↓	960	
A08-B734	A8B73404	↓	FS	AW80017480	ASP00		8270	A00001		↓	↓	910	
A08-B734	A8B73405	↓	FS	AW80017481	ASP00		8270	A00001		↓	↓	1060	
A08-B738	A8B73801	A	FS	AW80017482	ASP00		8270	A00001		↓	6	990	
A08-B738	A8B73802	↓	FS	AW80017483	ASP00		8270	A00001		↓	↓	1050	
A08-B738	A8B73803	↓	FS	AW80017484	ASP00		8270	A00001		brown	↓	1020	
A08-B738	A8B73803MS	↓	MS	AW80017485	ASP00		8270	A00001	A00193	↓	↓	1060	
A08-B738	A8B73803SD	B	SD	AW80017486	ASP00		8270	A00001	A00193	↓	↓	↓	
A8B23015	A8B2301501		MSB	AW80017464	TCL SVOA		8270	A00001	A00055	clear	5	1000	
A8B23015	A8B2301502		SBLK	AW80017465	TCL SVOA		8270	A00001		↓	↓	↓	
A08-B727	A8B72701	A	FS	AW80017487	TCL SVOA		8270	A00001		↓	6	810	
A08-B727	A8B72702	↓	FS	AW80017488	TCL SVOA		8270	A00001		↓	↓	1060	

1243/3787

Acceptance Limits: 30-40 °C Turbovap Temp: 32.4, 31.6, 32.2, 32.8, 31.6, 31.0 Entered Initials: _____

Gas Flow Check: OK Closed Initials: _____

Comments: _____

_____

_____

estAmerica Lab
ate: 10/15/2008
ime: 11:26:21

Organic Prep Log Book
(3510C) 8270 WATER
A8B23248 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/30/2008 EKD

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/30/2008 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B23248	A8B2324801		MSB	AW80017839	8270 BN		8270	A00001	A00055		5.00	1000.0000	1.00
A8B23248	A8B2324802		MSBD	AW80017840	8270 BN		8270	A00001	A00055		5.00	1000.0000	1.00
A8B23248	A8B2324803		SBLK	AW80017841	8270 BN		8270	A00001			5.00	1000.0000	1.00
A08-B678	A8B67801	B	FS	AW80017872	8270 BN		8270	A00001			6.00	1040.0000	1.00
A8B23248	A8B2324801		MSB	AW80017839	TC BN		8270	A00001	A00062		5.00	1000.0000	1.00
A8B23248	A8B2324802		MSBD	AW80017840	TC BN		8270	A00001	A00062		5.00	1000.0000	1.00
A8B23248	A8B2324803		SBLK	AW80017841	TC BN		8270	A00001			5.00	1000.0000	1.00
A08-B687	A8B68701	A	FS	AW80017842	TC BN		8270	A00001			6.00	1040.0000	1.00
A8B23248	A8B2324801		MSB	AW80017839	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
A8B23248	A8B2324802		MSBD	AW80017840	TCL SVOA		8270	A00001	A00055		5.00	1000.0000	1.00
A8B23248	A8B2324803		SBLK	AW80017841	TCL SVOA		8270	A00001			5.00	1000.0000	1.00
A08-B794	A8B79401	A	FS	AW80017843	TCL SVOA		8270	A00001			6.00	920.0000	1.00
A08-B794	A8B79402	A	FS	AW80017844	TCL SVOA		8270	A00001			6.00	820.0000	1.00
A08-B794	A8B79403	A	FS	AW80017845	TCL SVOA		8270	A00001			6.00	890.0000	1.00
A08-B794	A8B79404	A	FS	AW80017846	TCL SVOA		8270	A00001			6.00	1000.0000	1.00
A08-B794	A8B79405	A	FS	AW80017847	TCL SVOA		8270	A00001			6.00	940.0000	1.00

estAmerica Lab
ate: 10/15/2008
ime: 11:26:21

Organic Prep Log Book
(3510C) 8270 WATER
A8B23248 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 09/30/2008 EKD

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 09/30/2008 EKD

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-B794	A8B79406	A	FS	AW80017848	TCL SVOA		8270	A00001	_____	_____	6.00	1000.0000	1.00
A08-B794	A8B79407	A	FS	AW80017849	TCL SVOA		8270	A00001	_____	_____	6.00	950.0000	1.00
A8B23248	A8B2324801		MSB	AW80017839	Eff SVOA		8270	A00001	A00193	_____	5.00	1000.0000	1.00
A8B23248	A8B2324802		MSBD	AW80017840	Eff SVOA		8270	A00001	A00193	_____	5.00	1000.0000	1.00
A8B23248	A8B2324803		SBLK	AW80017841	Eff SVOA		8270	A00001	_____	_____	5.00	1000.0000	1.00
A08-B821	A8B82101	A	FS	AW80017850	Eff SVOA		8270	A00001	_____	_____	6.00	1000.0000	1.00
A08-B821	A8B82102	A	FS	AW80017851	Eff SVOA		8270	A00001	_____	_____	6.00	1040.0000	1.00

Comments:

1246/3787

Rept: AN0501

stAmerica Lab
te: 09/30/2008
me: 15:27:35

Organic Prep Log Book
(3510C) 8270 WATER
A8B23248

SURROGATE A01
Expiration Date: 3-23-09
Prepared by: CE-3146
Spiked by: EKD
Witnessed by: _____
1000.00 ul

MATRIX SPIKE A193 | Benz
Expiration Date: 3-11-09 | 3-23-09
Prepared by: CW | EKD
Spiked by: EKD | EKD
Witnessed by: _____ | _____
1000.00 ul

MeCl2: G37J01
Acetone: _____
Hexane: _____
Na2So4: 2286803
1:1 H2SO4: 8191
10 N NaOH: 8090

Date Ext/Initials: 9/30/08 EKD
Date Cleanup/Initials: _____ _____
Date Conc/Initials: 9/30/08 EKD

Extraction Type: (SEPF) or CLLE (circle one)

AQUEOUS EXTRACTIONS

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B23248	A8B2324801		MSB	AW80017839	8270 BN		8270	A00001	A00055	Clear	5	1000	1.0
A8B23248	A8B2324802		MSBD	AW80017840	8270 BN		8270	A00001	A00055	↓	↓	↓	
A8B23248	A8B2324803		SBLK	AW80017841	8270 BN		8270	A00001		↓	↓	↓	
A08-B678	A8B67801	B	FS X10	AW80017872	8270 BN		8270	A00001		YELLOW	6	1040	
A8B23248	A8B2324801		MSB	AW80017839	TC BN		8270	A00001	A00062	Clear	5	1000	
A8B23248	A8B2324802		MSBD	AW80017840	TC BN		8270	A00001	A00062	↓	↓	↓	
A8B23248	A8B2324803		SBLK	AW80017841	TC BN		8270	A00001		↓	↓	↓	
A08-B687	A8B68701	A	FS Y5	AW80017842	TC BN		8270	A00001		Brown	6	1040	
A8B23248	A8B2324801		MSB	AW80017839	TCL SVOA		8270	A00001	A00055	Clear	5	1000	
A8B23248	A8B2324802		MSBD	AW80017840	TCL SVOA		8270	A00001	A00055	↓	↓	↓	
A8B23248	A8B2324803		SBLK	AW80017841	TCL SVOA		8270	A00001		↓	↓	↓	
A08-B794	A8B79401	A	FS	AW80017843	TCL SVOA		8270	A00001		Gray	6	920	
A08-B794	A8B79402	↓	FS	AW80017844	TCL SVOA		8270	A00001		Tan	↓	820	
A08-B794	A8B79403	↓	FS	AW80017845	TCL SVOA		8270	A00001		Clear	↓	890	
A08-B794	A8B79404	↓	FS	AW80017846	TCL SVOA		8270	A00001		↓	↓	1000	
A08-B794	A8B79405	↓	FS	AW80017847	TCL SVOA		8270	A00001		Tan	↓	940	

1247/3787

TestAmerica Lab
Date: 09/30/2008
Time: 15:27:35

Organic Prep Log Book
(3510C) 8270 WATER
A8B23248

Rept: ANC

SURROGATE
Expiration Date:
Prepared by:
Spiked by:
Witnessed by:
1000.00 ul

MATRIX SPIKE
Expiration Date:
Prepared by:
Spiked by:
Witnessed by:
1000.00 ul

MeCl2:
Acetone:
Hexane:
Na2So4:
1:1 H2SO4:
10 N NaOH:

Date Ext/Initials:

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Cleanup/Initials:

Date Conc/Initials:

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A08-B794	A8B79406	A	FS	AW80017848	TCL SVOA		8270	A00001		Clear/Lt Brown	6	1000	1.0
A08-B794	A8B79407	↓	FS	AW80017849	TCL SVOA		8270	A00001		Tan/Lt Brown	↓	950	
A8B23248	A8B2324801		MSB	AW80017839	Eff SVOA		8270	A00001	A00193	Clear	5	1000	
A8B23248	A8B2324802		MSBD	AW80017840	Eff SVOA		8270	A00001	A00193	↓	↓	↓	
A8B23248	A8B2324803		SBLK	AW80017841	Eff SVOA		8270	A00001		↓	↓	↓	
A08-B821	A8B82101	A	FS	AW80017850	Eff SVOA		8270	A00001		Tan	6	1000	
A08-B821	A8B82102	↓	FS	AW80017851	Eff SVOA		8270	A00001		Lt Tan	↓	1040	↓

Acceptance Limits: 30-40 °C Turbovap Temp: 32.4, 31.6, 32.2

Gas Flow Check: EKD

Entered Initials: EKD

Closed Initials:

Comments:

1248/3787

000012

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
8/11/08	08:40		U29776	DFTPP050	SC33-12I	———	1.0uL				
	08:57		U29777	SSTD005	TCLADDS	08/08/08					
	09:20		U29778	SSTD020							
	09:43		U29779	SSTD050							
	10:06		U29780	SSTD080							
	10:30		U29781	SSTD120							
	10:53		U29782	SSTD160							
			U29783								
			U29784								

AEG 8/13/08

TEST AMERICA

REVIEWED BY_____

1249/3787

GCMS SEMIVOLATILE INJECTION LOG

000013

COMMENTS	
I-2325 J-0600	DMC #1 Noted/dg

Injection Log

Directory: D:\DATA\092208

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	U30609.D	1.	DFTPP050	SC33-12I	22 Sep 2008 08:58
2	2	U30610.D	1.	SSTD005	8270 (09/09/08)	22 Sep 2008 09:15
3	3	U30611.D	1.	SSTD020	8270 (09/09/08)	22 Sep 2008 09:38
4	4	U30612.D	1.	SSTD050	8270 (09/09/08)	22 Sep 2008 10:09
5	5	U30613.D	1.	SSTD080	8270 (09/09/08)	22 Sep 2008 10:32
6	6	U30614.D	1.	SSTD120	8270 (09/09/08)	22 Sep 2008 10:55
7	7	U30615.D	1.	SSTD160	8270 (09/09/08)	22 Sep 2008 11:18
8	8	U30616.D	1.	CHECK050	2NDSC (09/08/08)	22 Sep 2008 11:41

Injection Log

Directory: D:\DATA\092908

$MeCl_2$ Lot # G37J01 used for all sample dilutions. Manufacturer J.T. Baker

Analyst: MD inj. vol: 1.0uL Isamt. = 40ng Fs ID: SC58-04

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1		B30767.D	1.			
2	1	U30735.D	1.	DFTPP050	SC33-12I	29 Sep 2008 14:09
3	2	U30736.D	1.	SSTD050	8270 A (09/09/08)	29 Sep 2008 14:24
4	2	U30737.D	1.	SSTD050	TCLADDS A (08/08/08)	29 Sep 2008 14:47
5	3	U30738.D	1.	MSB AW8007402	08-B540/714	29 Sep 2008 15:10
6	4	U30739.D	1.	MSBD AW8007403	08-B540/714	29 Sep 2008 15:33
7	5	U30740.D	1.	SBLK55 AW8007404	08-B540/714	29 Sep 2008 15:56
8	6	U30741.D	1.	A8B54001 AW8007405		29 Sep 2008 16:19
9	7	U30742.D	1.	A8B54002 DF5 AW8007406		29 Sep 2008 16:42
10	8	U30743.D	1.	A8B54003 DF2 AW8007407		29 Sep 2008 17:05
11	9	U30744.D	1.	A8B54007 AW8007503		29 Sep 2008 17:29
12	10	U30745.D	1.	A8B71420 AW8007339		29 Sep 2008 17:52
13	11	U30746.D	1.	MSB AW80017464	08-B706/27/34/8	29 Sep 2008 18:15
14	12	U30747.D	1.	SBLK56 AW80017465	08-B706/27/34/8	29 Sep 2008 18:38
15	13	U30748.D	1.	A8B70601 AW80017466		29 Sep 2008 19:01
16	14	U30749.D	1.	A8B70601MS AW80017467		29 Sep 2008 19:24
17	15	U30750.D	1.	A8B70601SD AW80017468		29 Sep 2008 19:47
18	16	U30751.D	1.	A8B70602 AW80017469		29 Sep 2008 20:11
19	17	U30752.D	1.	A8B70603 AW80017470		29 Sep 2008 20:34
20	18	U30753.D	1.	A8B70604 AW80017471		29 Sep 2008 20:57
21	19	U30754.D	1.	A8B70605 AW80017472		29 Sep 2008 21:20
22	20	U30755.D	1.	A8B70606 AW80017473		29 Sep 2008 21:43
23	21	U30756.D	1.	A8B70607 AW80017474		29 Sep 2008 22:06
24	22	U30757.D	1.	A8B73401 AW80017477		29 Sep 2008 22:29
25	23	U30758.D	1.	A8B73402 AW80017478		29 Sep 2008 22:52
26	24	U30759.D	1.	A8B73403 AW80017479		29 Sep 2008 23:16
27	25	U30760.D	1.	A8B73404 AW80017480		29 Sep 2008 23:39
28	26	U30761.D	1.	A8B73405 AW80017481		30 Sep 2008 00:02
29	27	U30762.D	1.	A8B73801 AW80017482		30 Sep 2008 00:25
30	28	U30763.D	1.	A8B73802 AW80017483		30 Sep 2008 00:48
31	29	U30764.D	1.	A8B73803 AW80017484		30 Sep 2008 01:11
32	30	U30765.D	1.	A8B73803MS AW80017485		30 Sep 2008 01:35
33	31	U30766.D	1.	A8B73803SD AW80017486		30 Sep 2008 01:58

Injection Log

Directory: D:\DATA\093008

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1		B30802.D	1.			
2	1	U30767.D	1.	DFTPP025	SC33-12M	30 Sep 2008 08:30
3	2	U30768.D	1.	SSTD010	625 (05/30/08)	30 Sep 2008 08:46
4	3	U30769.D	1.	SSTD080	625 (05/30/08)	30 Sep 2008 09:09
5	4	U30770.D	1.	SSTD160	625 (05/30/08)	30 Sep 2008 09:32
6	5	U30780.D	1.	CHECK080	2nd SC (07/08/08)	30 Sep 2008 09:55
7	1	U30781.D	1.	DFTPP050	SC33-12P	30 Sep 2008 10:17
8	2	U30782.D	1.	SSTD050	8270 A (09/09/08)	30 Sep 2008 10:32
9	3	U30783.D	1.	SSTD050	TCLADDS A (08/08/08)	30 Sep 2008 10:55
10	4	U30784.D	1.	A8B72701 AW80017487		30 Sep 2008 11:18
11	5	U30785.D	1.	A8B72702 AW80017488		30 Sep 2008 11:42
12	6	U30786.D	1.	MSB AW80017631	08-B669/733/46/78/839/41/2/90	30 Sep 2008 12:05
13	7	U30787.D	1.	MSBD AW80017632	08-B669/733/46/78/839/41/2/90	30 Sep 2008 12:28
14	8	U30788.D	1.	SBLK57 AW80017633	08-B669/733/46/78/839/41/2/90	30 Sep 2008 12:51
15	9	U30789.D	1.	A8B74601 DF20 AW80017634		30 Sep 2008 13:14
16	10	U30790.D	1.	A8B74602 DF20 AW80017635		30 Sep 2008 13:37
17	11	U30791.D	1.	A8B73301 DF5 AW80017636		30 Sep 2008 14:01
18	12	U30792.D	1.	A8B83901 DF2 AW80017637		30 Sep 2008 14:24
19	13	U30793.D	1.	A8B83902 DF2 AW80017638		30 Sep 2008 14:47
20	14	U30794.D	1.	A8B83903 DF2 AW80017639		30 Sep 2008 15:10
21	15	U30795.D	1.	A8B84103 AW80017640		30 Sep 2008 15:33
22	16	U30796.D	1.	A8B84202 AW80017641		30 Sep 2008 15:56
23	17	U30797.D	1.	A8B66901 AW80017642		30 Sep 2008 16:20
24	18	U30798.D	1.	A8B77801 AW80017643		30 Sep 2008 16:43
25	19	U30799.D	1.	A8B89001 DF200 AW80017644		30 Sep 2008 17:06
26	20	U30800.D	1.	A8B74601 DF5 AW80017634		30 Sep 2008 17:29
27	21	U30801.D	1.	A8B74602 DF5 AW80017635		30 Sep 2008 17:52
28	22	U30802.D	1.	A8B89001 DF20 AW80017644		1 Oct 2008 07:13

leCl, Lot # 637501 used for all sample
'itions. Manufacturer J.T. Baker
analyst : MD
IS IO: SC 58-06

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0696.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\092208\X26649.D
Injection Date : 22 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 09:07 Total files within period : 26
Sample Directory : D:\DATA\092208\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26650	1.00	1.00	1.00	DFTPP 50NG SC33-12P	22 Sep 2008	09:50
X26651	1.00	1.00	1.00	SSTD005 8270(9-9-08)	22 Sep 2008	10:13
X26652	1.00	1.00	1.00	SSTD020 8270(9-9-08)	22 Sep 2008	10:36
X26653	1.00	1.00	1.00	SSTD050 8270(9-9-08)	22 Sep 2008	10:58
X26654	1.00	1.00	1.00	SSTD080 8270(9-9-08)	22 Sep 2008	11:21
X26655	1.00	1.00	1.00	SSTD120 8270(9-9-08)	22 Sep 2008	11:44
X26656	1.00	1.00	1.00	SSTD160 8270(9-9-08)	22 Sep 2008	12:06
X26657	1.00	1.00	1.00	SSTD050 2ND SRC (09/08/08)	22 Sep 2008	12:29
X26658	1.00	1.00	1.00	SSTD005 TCLADDS(8-08-08)	22 Sep 2008	12:52
X26659	1.00	1.00	1.00	SSTD020 TCLADDS(8-08-08)	22 Sep 2008	13:15
X26660	1.00	1.00	1.00	SSTD050 TCLADDS(8-08-08)	22 Sep 2008	13:38
X26661	1.00	1.00	1.00	SSTD080 TCLADDS(8-08-08)	22 Sep 2008	14:00
X26662	1.00	1.00	1.00	SSTD120 TCLADDS(8-08-08)	22 Sep 2008	14:23
X26663	1.00	1.00	1.00	SSTD160 TCLADDS(8-08-08)	22 Sep 2008	14:46
X26664	1.00	1.00	1.00	SSTD010 APIX(8-19-08)	22 Sep 2008	15:09
X26665	1.00	1.00	1.00	SSTD020 APIX(8-19-08)	22 Sep 2008	15:32
X26666	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	22 Sep 2008	15:54
X26667	1.00	1.00	1.00	SSTD080 APIX(8-19-08)	22 Sep 2008	16:17
X26668	1.00	1.00	1.00	SSTD120 APIX(8-19-08)	22 Sep 2008	16:40
X26669	1.00	1.00	1.00	SSTD160 APIX(8-19-08)	22 Sep 2008	17:03
X26670	1.00	1.00	1.00	SSTD010 ADDS#1(4-1-08)	22 Sep 2008	17:26
X26671	1.00	1.00	1.00	SSTD020 ADDS#1(4-1-08)	22 Sep 2008	17:49

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0696.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\092208\X26649.D
Injection Date : 22 Sep 2008
Injection Time : 09:07
Sample Directory : D:\DATA\092208\
Log Time Period (hrs) : ALL
Total files within period : 26

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26672	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	22 Sep 2008	18:11
X26673	1.00	1.00	1.00	SSTD080 ADDS#1(4-1-08)	22 Sep 2008	18:34
X26674	1.00	1.00	1.00	SSTD120 ADDS#1(4-1-08)	22 Sep 2008	18:56
X26675	1.00	1.00	1.00	SSTD160 ADDS#1(4-1-08)	22 Sep 2008	19:19

Analyst: AJ
IS ID: SCS8-01
NG IS: 40ng
Inj. vol: 1.0ul

Injection Log Summary Report

Method : C:\MSDCHEM\1\MET...ADDS#1\A8I0702.M (RTE Integrator)
Title : WM. ADDS
Start (Tune) File ID : D:\DATA\092308\X26676.D
Injection Date : 23 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 08:52 Total files within period : 44
Sample Directory : D:\DATA\092308\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26677	1.00	1.00	1.00	SSTD050 8270(9-9-08)	23 Sep 2008	09:22
X26678	1.00	1.00	1.00	SSTD050 TCLADDS(8-08-08)	23 Sep 2008	09:45
X26679	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	23 Sep 2008	10:08
X26680	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	23 Sep 2008	10:30
X26681	1.00	1.00	1.00	SSTD050 8270(9-9-08)	23 Sep 2008	10:53
X26682	1.00	1.00	1.00	DFTPP 50NG SC33-12P	23 Sep 2008	17:53
X26683	1.00	1.00	1.00	SSTD050 8270(9-9-08)	23 Sep 2008	18:12
X26684	1.00	1.00	1.00	SSTD160 8270(9-9-08)	23 Sep 2008	19:20
X26685	1.00	1.00	1.00	SSTD005 8270(9-9-08)	23 Sep 2008	19:42
X26686	1.00	1.00	1.00	SSTD120 8270(9-9-08)	23 Sep 2008	20:05
X26687	1.00	1.00	1.00	SSTD020 8270(9-9-08)	23 Sep 2008	20:28
X26688	1.00	1.00	1.00	SSTD080 8270(9-9-08)	23 Sep 2008	20:51
X26689	1.00	1.00	1.00	SSTD050 8270(9-9-08)	23 Sep 2008	21:13
X26690	1.00	1.00	1.00	CHECK050 SSCAL (09/08/08)	23 Sep 2008	21:36
X26691	1.00	1.00	1.00	DFTPP 50NG SC33-12P	23 Sep 2008	22:04
X26692	1.00	1.00	1.00	SSTD050 8270(9-9-08)	23 Sep 2008	22:20
X26693	1.00	1.00	1.00	SSTD050 TCLADDS(8-08-08)	23 Sep 2008	22:43
X26694	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	23 Sep 2008	23:05
X26695	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	23 Sep 2008	23:28
X26696	1.00	1.00	1.00	A8B29303DL DF20 AW8001675	23 Sep 2008	23:54
X26697	1.00	1.00	1.00	MSB AW80016896 8-B078	24 Sep 2008	00:16
X26698	1.00	1.00	1.00	MSBD AW80016897 8-B078	24 Sep 2008	00:39

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\092608\X26796.D
Injection Date : 26 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 08:57 Total files within period : 32
Sample Directory : D:\DATA\092608\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26797	1.00	1.00	1.00	SSTD050 8270(9-9-08)	26 Sep 2008	09:14
X26798	1.00	1.00	1.00	SSTD050 TCLADDS(8-8-08)	26 Sep 2008	09:36
X26799	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	26 Sep 2008	09:59
X26800	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	26 Sep 2008	10:22
X26801	1.00	1.00	1.00	A8B47201DL DF5 AW80017276	26 Sep 2008	10:44
X26802	1.00	1.00	1.00	A8B47202DL DF10 AW8001727	26 Sep 2008	11:07
X26803	1.00	1.00	1.00	A8B47204DL DF20 AW8001727	26 Sep 2008	11:30
X26804	1.00	1.00	1.00	A8B44201DL DF20 AS8001226	26 Sep 2008	11:53
X26805	1.00	1.00	1.00	MSB AW80017302	26 Sep 2008	12:16
X26806	1.00	1.00	1.00	SBLK60 AW80017303 08-B596/625/612/53	26 Sep 2008	12:38
X26807	1.00	1.00	1.00	A8B59601 AW80017304 08-B596/625/612/53	26 Sep 2008	13:01
X26808	1.00	1.00	1.00	A8B59602 AW80017305	26 Sep 2008	13:24
X26809	1.00	1.00	1.00	A8B59602MS AW80017306	26 Sep 2008	13:46
X26810	1.00	1.00	1.00	A8B59602SD AW80017307	26 Sep 2008	14:09
X26811	1.00	1.00	1.00	A8B59603 AW80017308	26 Sep 2008	14:32
X26812	1.00	1.00	1.00	A8B62501 DF5 AW80017309	26 Sep 2008	14:55
X26813	1.00	1.00	1.00	A8B62502 AW80017310	26 Sep 2008	15:18
X26814	1.00	1.00	1.00	A8B62503 AW80017311	26 Sep 2008	15:40
X26815	1.00	1.00	1.00	A8B61201 DF10 AW80017312	26 Sep 2008	16:03
X26816	1.00	1.00	1.00	A8B61202 DF10 AW80017313	26 Sep 2008	16:26
X26817	1.00	1.00	1.00	A8B61203 DF10 AW80017314	26 Sep 2008	16:49
X26818	1.00	1.00	1.00	A8B61204 DF10 AW80017315	26 Sep 2008	17:11

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0705.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\092608\X26796.D
Injection Date : 26 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 08:57 Total files within period : 32
Sample Directory : D:\DATA\092608\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26819	1.00	1.00	1.00	A8B61205 DF10 AW80017316	26 Sep 2008	17:34
X26820	1.00	1.00	1.00	A8B61206 DF10 AW80017317	26 Sep 2008	17:57
X26821	1.00	1.00	1.00	A8B61207 DF10 AW80017318	26 Sep 2008	18:20
X26822	1.00	1.00	1.00	A8B61208 DF10 AW80017319	26 Sep 2008	18:43
X26823	1.00	1.00	1.00	A8B61209 DF10 AW80017320	26 Sep 2008	19:05
X26824	1.00	1.00	1.00	A8B5301 DF5 AW80017321	26 Sep 2008	19:28
X26825	1.00	1.00	1.00	A8B5302 AW80017322	26 Sep 2008	19:51
X26826	1.00	1.00	1.00	A8B5302MS AW80017323	26 Sep 2008	20:14
X26827	1.00	1.00	1.00	A8B5302SD AW80017324	26 Sep 2008	20:37
X26828	1.00	1.00	1.00	A8B65303 AW80017325	26 Sep 2008	20:59

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\093008\X26836.D
Injection Date : 30 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 09:13 Total files within period : 55
Sample Directory : D:\DATA\093008\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26837	1.00	1.00	1.00	SSTD005 8270 (09/09/08)	30 Sep 2008	09:36
X26838	1.00	1.00	1.00	SSTD020 8270 (09/09/08)	30 Sep 2008	09:59
X26839	1.00	1.00	1.00	SSTD050 8270 (09/09/08)	30 Sep 2008	10:22
X26840	1.00	1.00	1.00	SSTD080 8270 (09/09/08)	30 Sep 2008	10:45
X26841	1.00	1.00	1.00	SSTD120 8270 (09/09/08)	30 Sep 2008	11:07
X26842	1.00	1.00	1.00	SSTD160 8270 (09/09/08)	30 Sep 2008	11:30
X26843	1.00	1.00	1.00	SSTD005 TCLADDS(8-8-08)	30 Sep 2008	11:53
X26844	1.00	1.00	1.00	SSTD020 TCLADDS(8-8-08)	30 Sep 2008	12:16
X26845	1.00	1.00	1.00	SSTD050 TCLADDS(8-8-08)	30 Sep 2008	12:39
X26846	1.00	1.00	1.00	SSTD080 TCLADDS(8-8-08)	30 Sep 2008	13:02
X26847	1.00	1.00	1.00	SSTD120 TCLADDS(8-8-08)	30 Sep 2008	13:25
X26848	1.00	1.00	1.00	SSTD160 TCLADDS(8-8-08)	30 Sep 2008	13:47
X26849	1.00	1.00	1.00	SSTD010 APIX(8-19-08)	30 Sep 2008	14:10
X26850	1.00	1.00	1.00	SSTD020 APIX(8-19-08)	30 Sep 2008	14:33
X26851	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	30 Sep 2008	14:56
X26852	1.00	1.00	1.00	SSTD080 APIX(8-19-08)	30 Sep 2008	15:19
X26853	1.00	1.00	1.00	SSTD120 APIX(8-19-08)	30 Sep 2008	15:41
X26854	1.00	1.00	1.00	SSTD160 APIX(8-19-08)	30 Sep 2008	16:04
X26855	1.00	1.00	1.00	SSTD010 ADDS#1(4-1-08)	30 Sep 2008	16:27
X26856	1.00	1.00	1.00	SSTD020 ADDS#1(4-1-08)	30 Sep 2008	16:50
X26857	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	30 Sep 2008	17:13
X26858	1.00	1.00	1.00	SSTD080 ADDS#1(4-1-08)	30 Sep 2008	17:36

T-2879
I-0720
I-0721
I-0722
I-0723
I-0724

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\093008\X26836.D
Injection Date : 30 Sep 2008
Injection Time : 09:13
Sample Directory : D:\DATA\093008\
Log Time Period (hrs) : ALL
Total files within period : 55

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26859	1.00	1.00	1.00	SSTD120 ADDS#1(4-1-08)	30 Sep 2008	17:58
X26860	1.00	1.00	1.00	SSTD160 ADDS#1(4-1-08)	30 Sep 2008	18:21
X26861	1.00	1.00	1.00	CHECK050 2NDSC(9-8-08)	30 Sep 2008	18:44
X26862	1.00	1.00	1.00	DFTPP 50NG SC33-12S	30 Sep 2008	20:46
X26863	1.00	1.00	1.00	SSTD050 8270 (09/09/08)	30 Sep 2008	21:04
X26864	1.00	1.00	1.00	SSTD050 TCLADDS(8-8-08)	30 Sep 2008	21:27
X26865	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	30 Sep 2008	21:50
X26866	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	30 Sep 2008	22:13
X26867	1.00	1.00	1.00	MSB AW80017489 8-B563	30 Sep 2008	23:04
X26868	1.00	1.00	1.00	MSBD AW80017490 8-B563	30 Sep 2008	23:27
X26869	1.00	1.00	1.00	SBLK61 AW80017491 8-B563	30 Sep 2008	23:49
X26870	1.00	1.00	1.00	A8B56301 AW80017502	1 Oct 2008	00:12
X26871	1.00	1.00	1.00	MSB AW80017464 8-B725	1 Oct 2008	00:35
X26872	1.00	1.00	1.00	SBLK62 AW80017465 8-B725	1 Oct 2008	00:58
X26873	1.00	1.00	1.00	A8B72505 AW80017475	1 Oct 2008	01:20
X26874	1.00	1.00	1.00	A8B72506 AW80017476	1 Oct 2008	01:43
X26875	1.00	1.00	1.00	A8B46603 AW80017273 DF10	1 Oct 2008	02:06
X26876	1.00	1.00	1.00	A8B46604 AW80017274 DF10	1 Oct 2008	02:29
X26877	1.00	1.00	1.00	A8B46605 AW80017275 DF10	1 Oct 2008	02:52
X26878	1.00	1.00	1.00	A8B61209DL AW80017320 DF40	1 Oct 2008	03:15
X26879	1.00	1.00	1.00	A8B65303 AW80017325	1 Oct 2008	03:38
X26880	1.00	1.00	1.00	MSB AW80013928 8-9169	1 Oct 2008	04:01

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\093008\X26836.D
Injection Date : 30 Sep 2008 Log Time Period (hrs) : ALL
Injection Time : 09:13 Total files within period : 55
Sample Directory : D:\DATA\093008\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26859	1.00	1.00	1.00	SSTD120 ADDS#1(4-1-08)	30 Sep 2008	17:58
X26860	1.00	1.00	1.00	SSTD160 ADDS#1(4-1-08)	30 Sep 2008	18:21
X26861	1.00	1.00	1.00	CHECK050 2NDSC(9-8-08)	30 Sep 2008	18:44
X26862	1.00	1.00	1.00	DFTPP 50NG SC33-12S	30 Sep 2008	20:46
X26863	1.00	1.00	1.00	SSTD050 8270 (09/09/08)	30 Sep 2008	21:04
X26864	1.00	1.00	1.00	SSTD050 TCLADDS(8-8-08)	30 Sep 2008	21:27
X26865	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	30 Sep 2008	21:50
X26866	1.00	1.00	1.00	SSTD050 ADDS#1(4-1-08)	30 Sep 2008	22:13
X26867	1.00	1.00	1.00	MSB AW80017489 8-B563	30 Sep 2008	23:04
X26868	1.00	1.00	1.00	MSBD AW80017490 8-B563	30 Sep 2008	23:27
X26869	1.00	1.00	1.00	SBLK61 AW80017491 8-B563	30 Sep 2008	23:49
X26870	1.00	1.00	1.00	A8B56301 AW80017502	1 Oct 2008	00:12
X26871	1.00	1.00	1.00	MSB AW80017464 8-B725	1 Oct 2008	00:35
X26872	1.00	1.00	1.00	SBLK62 AW80017465 8-B725	1 Oct 2008	00:58
X26873	1.00	1.00	1.00	A8B72505 AW80017475	1 Oct 2008	01:20
X26874	1.00	1.00	1.00	A8B72506 AW80017476	1 Oct 2008	01:43
X26875	1.00	1.00	1.00	A8B46603 AW80017273 DF10	1 Oct 2008	02:06
X26876	1.00	1.00	1.00	A8B46604 AW80017274 DF10	1 Oct 2008	02:29
X26877	1.00	1.00	1.00	A8B46605 AW80017275 DF10	1 Oct 2008	02:52
X26878	1.00	1.00	1.00	A8B61209DL AW80017320 DF40	1 Oct 2008	03:15
X26879	1.00	1.00	1.00	A8B65303 AW80017325	1 Oct 2008	03:38
X26880	1.00	1.00	1.00	MSB AW80013928 8-9169	1 Oct 2008	04:01

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\093008\X26836.D
Injection Date : 30 Sep 2008
Injection Time : 09:13
Sample Directory : D:\DATA\093008\
Log Time Period (hrs) : ALL
Total files within period : 55

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26881	1.00	1.00	1.00	MSBD AW80013929 8-9169	1 Oct 2008	04:23
X26882	1.00	1.00	1.00	SBLK63 AW80013930 8-9169	1 Oct 2008	04:46
X26883	1.00	1.00	1.00	A8916901 AW80013931	1 Oct 2008	05:09
X26884	1.00	1.00	1.00	A8916902 AW80013932	1 Oct 2008	05:31
X26885	1.00	1.00	1.00	MSB AW80014225 8-9352	1 Oct 2008	05:54
X26886	1.00	1.00	1.00	MSBD AW80014226 8-9352	1 Oct 2008	06:17
X26887	1.00	1.00	1.00	SBLK64 AW80014227 8-9352	1 Oct 2008	06:40
X26888	1.00	1.00	1.00	A8935201 AW80014221	1 Oct 2008	07:02
X26889	1.00	1.00	1.00	A8935202 AW80014222	1 Oct 2008	07:25
X26890	1.00	1.00	1.00	A8935203 AW80014223	1 Oct 2008	07:48
X26891	1.00	1.00	1.00	A8935204 AW80014224	1 Oct 2008	08:11

Analysts: AJ / JLG
IS ID: SC58.05
UG IS: 40ng
Inj. vol: 1.0ul

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\F039\A8I0731.M (RTE Integrator)
Title : FO39 8270
Start (Tune) File ID : D:\DATA\100108\X26892.D
Injection Date : 1 Oct 2008 Log Time Period (hrs) : ALL
Injection Time : 10:36 Total files within period : 15
Sample Directory : D:\DATA\100108\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26893	1.00	1.00	1.00	SSTD005 F039(8-13-08)	1 Oct 2008	10:53
X26894	1.00	1.00	1.00	SSTD020 F039(8-13-08)	1 Oct 2008	11:17
X26895	1.00	1.00	1.00	SSTD050 F039(8-13-08)	1 Oct 2008	11:41
X26896	1.00	1.00	1.00	SSTD080 F039(8-13-08)	1 Oct 2008	12:05
X26897	1.00	1.00	1.00	SSTD120 F039(8-13-08)	1 Oct 2008	12:28
X26898	1.00	1.00	1.00	SSTD160 F039(8-13-08)	1 Oct 2008	12:52
X26899	1.00	1.00	1.00	SSTD050 8270(9-9-08)	1 Oct 2008	13:16
X26900	1.00	1.00	1.00	SSTD050 TCLADDS(8-8-08)	1 Oct 2008	13:39
X26901	1.00	1.00	1.00	MSB AW80017839 08-B678/687/794/821	1 Oct 2008	14:06
X26902	1.00	1.00	1.00	MSBD AW80017840 08-B678/687/794/821	1 Oct 2008	14:29
X26903	1.00	1.00	1.00	SBLK65 AW80017841 08-B678/687/794/821	1 Oct 2008	14:53
X26904	1.00	1.00	1.00	A8B67801 AW80017872 DF10	1 Oct 2008	15:17
X26905	1.00	1.00	1.00	A8B82101 AW80017850	1 Oct 2008	15:40
X26906	1.00	1.00	1.00	A8B82102 AW80017851	1 Oct 2008	16:04
X26907	1.00	1.00	1.00	SSTD050 8270 A (09/09/08)	1 Oct 2008	23:39

Analyst: AJ
IS ID: SCS8-C6
UG IS: 40ng
Inj Vol: 1.0uL

T-2892
C-2484

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\100208\X26908.D
Injection Date : 2 Oct 2008 Log Time Period (hrs) : ALL
Injection Time : 08:31 Total files within period : 31
Sample Directory : D:\DATA\100208\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name Misc Info	Date	Time
X26909	1.00	1.00	1.00	SSTD005 8270 A (9-9-08)	2 Oct 2008	08:50
X26910	1.00	1.00	1.00	SSTD050 TCLADDS(8-8-08)	2 Oct 2008	09:13
X26911	1.00	1.00	1.00	SSTD050 APIX(8-19-08)	2 Oct 2008	09:36
X26912	1.00	1.00	1.00	SSTD050 ADDS#1(10-1-08)	2 Oct 2008	09:59
X26913	1.00	1.00	1.00	SSTD050 F039(8-13-08)	2 Oct 2008	10:22
X26914	1.00	1.00	1.00	MSB AW80017839 08-B678/687/794	2 Oct 2008	10:45
X26915	1.00	1.00	1.00	MSBD AW80017840 08-B678/687/794	2 Oct 2008	11:09
X26916	1.00	1.00	1.00	SBLK66 AW80017841 08-B678/687/794	2 Oct 2008	11:33
X26917	1.00	1.00	1.00	A8B67801 AW80017872 DF10	2 Oct 2008	11:57
X26918	1.00	1.00	1.00	A8B68701 AW80017842 DF5	2 Oct 2008	12:20
X26919	1.00	1.00	1.00	A8B79401 AW80017843	2 Oct 2008	12:43
X26920	1.00	1.00	1.00	A8B79402 AW80017844	2 Oct 2008	13:06
X26921	1.00	1.00	1.00	A8B79403 AW80017845	2 Oct 2008	13:29
X26922	1.00	1.00	1.00	A8B79404 AW80017846	2 Oct 2008	13:51
X26923	1.00	1.00	1.00	A8B79405 AW80017847	2 Oct 2008	14:14
X26924	1.00	1.00	1.00	A8B79406 AW80017848	2 Oct 2008	14:37
X26925	1.00	1.00	1.00	A8B79407 AW80017849	2 Oct 2008	15:00
X26926	1.00	1.00	1.00	MSB AW80017986 08-B466	2 Oct 2008	15:23
X26927	1.00	1.00	1.00	MSBD AW80017987 08-B466	2 Oct 2008	15:45
X26928	1.00	1.00	1.00	SBLK67 AW80017988 08-B466	2 Oct 2008	16:09
X26929	1.00	1.00	1.00	A8B46603RE AW80017989 DF5	2 Oct 2008	16:31
X26930	1.00	1.00	1.00	MSB AW80017990 08-B540	2 Oct 2008	16:54

Injection Log Summary Report

Method : C:\MSDCHEM\1\METHODS\8270\A8I0720.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Start (Tune) File ID : D:\DATA\100208\X26908.D
Injection Date : 2 Oct 2008 Log Time Period (hrs) : ALL
Injection Time : 08:31 Total files within period : 31
Sample Directory : D:\DATA\100208\

Injection Log Summary Table

File ID	Multiplier I	S	T	Sample Name / Misc Info	Date	Time
X26931	1.00	1.00	1.00	MSBD AW80017991 08-B540	2 Oct 2008	17:17
X26932	1.00	1.00	1.00	SBLK68 AW80017992 08-B540	2 Oct 2008	17:40
X26933	1.00	1.00	1.00	A8B54001RE AW80017993	2 Oct 2008	18:03
X26934	1.00	1.00	1.00	A8B54002RE AW80017994 DF5	2 Oct 2008	18:26
X26935	1.00	1.00	1.00	A8B54003RE AW80017995 DF2	2 Oct 2008	18:48
X26936	1.00	1.00	1.00	A8B54007RE AW80017996	2 Oct 2008	19:11
X26937	1.00	1.00	1.00	MSB AW80017839	2 Oct 2008	19:34
X26938	1.00	1.00	1.00	SBLK69 AW80017841	2 Oct 2008	19:57
X26939	1.00	1.00	1.00	A8B67801 AW80017872 DF10	2 Oct 2008	20:19

Analyst: AJ
NG IS: 40 ng
IS ID: SC58:06
Inj. vol: 1.0ul

$MeCl_2$ Lot# G37J01 used for all sample dilutions. Manufacturer JT Baker

T-2908
C-2500

Metals Data

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY02-227 SDG No.: B653

Lab Code: TALBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
EB-092208	A8B65303
EB-092208-SOL	A8B65303-SOL
EB-092308	A8B72702
EB-092308-SOL	A8B72702-SOL
EB-092408	A8B79406
EB-092408-SOL	A8B79406-SOL
FD-092408	A8B79404
FD-092408-SOL	A8B79404-SOL
MW-1	A8B65301
MW-1-SOL	A8B65301-SOL
MW-2	A8B65302
MW-2\MS	A8B65302MS
MW-2\MS-SOL	A8B65302MS-SOL
MW-2\SD	A8B65302SD
MW-2\SD-SOL	A8B65302SD-SOL
MW-2-SOL	A8B65302-SOL
MW-3	A8B79407

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Paul K. Morrow Name: Paul K. Morrow

Date: 10/17/08 Title: Project Manager

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY02-227 SDG No.: B653

Lab Code: TALBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
MW-3-SOL	A8B79407-SOL
MW-4	A8B79402
MW-4-SOL	A8B79402-SOL
MW-5	A8B72701
MW-5-SOL	A8B72701-SOL
MW-6	A8B79403
MW-6-SOL	A8B79403-SOL
MW-8	A8B79405
MW-8-SOL	A8B79405-SOL
MW-9	A8B79401
MW-9-SOL	A8B79408-SOL

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Paul K Morrow Name: Paul K. Morrow

Date: 10/17/08 Title: Project Manager

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65303 **Client ID:** EB-092208

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22901 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:18:58	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Sodium	<	5000	ug/L	U		5000	5000	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	06:05	SUPERTRACE2	A09250XC2	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65303-SOL **Client ID:** EB-092208-SOL

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22896 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/25/2008	14:43:40	LEEMAN PS2	H09258SW	CV
Sodium	<	5000	ug/L	U		5000	5000	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	03:05	SUPERTRACE	2092508	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72702 **Client ID:** EB-092308

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22979 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:34:25	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Sodium	<	5000	ug/L	U		5000	5000	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:58	SUPERTRACE	1092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72702-SOL **Client ID:** EB-092308-SOL

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22975 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Calcium	<	500	ug/L	U		500	500	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Magnesium	<	5000	ug/L	U		5000	5000	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Potassium	<	5000	ug/L	U		5000	5000	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	18:58:35	LEEMAN PS2	H09298SW	CV
Sodium	<	5000	ug/L	U		5000	5000	1	9/29/2008	23:09	SUPERTRACE	1092908C2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:20	SUPERTRACE2	A092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79406 **Client ID:** EB-092408

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Calcium	<	500	ug/L	U		500	500	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Iron	<	100	ug/L	U		100	100	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Magnesium	<	5000	ug/L	U		5000	5000	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Potassium	<	5000	ug/L	U		5000	5000	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:48:59	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Sodium	<	5000	ug/L	U		5000	5000	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:41	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79406-SOL **Client ID:** EB-092408-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Barium	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Calcium	<	500	ug/L	U		500	500	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Magnesium	<	5000	ug/L	U		5000	5000	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Potassium	<	5000	ug/L	U		5000	5000	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:13:09	LEEMAN PS2	H09298SW	CV
Sodium	<	5000	ug/L	U		5000	5000	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:46	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:27	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79404 **Client ID:** FD-092408

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Barium		**91.4**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Calcium		**71900**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Iron		**2640**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Magnesium		**191000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Manganese		**41.7**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Potassium		**12000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:42:01	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Sodium		**75400**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:30**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:30	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79404-SOL **Client ID:** FD-092408-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Barium		**75.8**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Calcium		**70500**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Magnesium		**190000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Manganese		**40.6**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Potassium		**11700**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:07:05	LEEMAN PS2	H09298SW	CV
Sodium		**75600**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:04**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:36	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:04	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65301 **Client ID:** MW-1

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22901 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Barium		**223**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Calcium		**160000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Iron		**18100**	**ug/L**			**100**	100	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Lead		**4.3**	**ug/L**			**3.0**	3.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Magnesium		**24800**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Manganese		**469**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Potassium		**8730**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:10:45	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Sodium		**46600**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:20	SUPERTRACE2	A09250XC2	P
Zinc		**123**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**05:20**	SUPERTRACE2	A09250XC2	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65301-SOL **Client ID:** MW-1-SOL

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22896 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Barium		**181**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Calcium		**166000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Iron		**728**	**ug/L**			**100**	100	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Magnesium		**26200**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Manganese		**494**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Potassium		**9270**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/25/2008	14:36:09	LEEMAN PS2	H09258SW	CV
Sodium		**47900**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:35	SUPERTRACE	2092508	P
Zinc		**88.9**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**02:35**	SUPERTRACE	2092508	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65302 **Client ID:** MW-2

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22901 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**669**	**ug/L**			**190**	190	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Barium		**98.2**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Calcium		**80700**	**ug/L**			**500**	500	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Iron		**6520**	**ug/L**			**100**	100	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Lead		**14.6**	**ug/L**			**3.0**	3.0	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Magnesium		**37300**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Manganese		**436**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Potassium		**13800**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:12:14	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Sodium		**53800**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**05:26**	SUPERTRACE2	A09250XC2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	05:26	SUPERTRACE2	A09250XC2	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B65302-SOL **Client ID:** MW-2-SOL

Matrix: WATER **Date Received:** 9/23/2008 **Date Collected:** 9/22/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22896 **Prep Date:** 9/25/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Barium		**80.2**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Calcium		**76800**	**ug/L**			**500**	500	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Magnesium		**36600**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Manganese		**388**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Potassium		**14200**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/25/2008	14:37:53	LEEMAN PS2	H09258SW	CV
Sodium		**55100**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**02:40**	SUPERTRACE	2092508	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	02:40	SUPERTRACE	2092508	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79407 **Client ID:** MW-3

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**405**	**ug/L**			**190**	190	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Barium		**222**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Calcium		**127000**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Iron		**14800**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Magnesium		**44900**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Manganese		**321**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Potassium		**9150**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:50:36	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Sodium		**14300**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:47**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:47	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79407-SOL **Client ID:** MW-3-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**258**	**ug/L**			**190**	190	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Barium		**184**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Calcium		**127000**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Magnesium		**45800**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Manganese		**293**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Potassium		**9190**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:14:49	LEEMAN PS2	H09298SW	CV
Sodium		**14900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:32**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:51	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:32	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79402 **Client ID:** MW-4

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**887**	**ug/L**			**190**	190	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Barium		**201**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Calcium		**143000**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Iron		**1130**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Magnesium		**54300**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Manganese		**113**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Potassium		**7730**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Selenium		**7.0**	**ug/L**			**6.1**	6.1	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:38:46	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Sodium		**8260**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:20**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:20	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79402-SOL **Client ID:** MW-4-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Barium		**187**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Calcium		**135000**	**ug/L**			**500**	500	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Magnesium		**50900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Manganese	<	15.0	ug/L	U		15.0	15.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Potassium		**7150**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:03:58	LEEMAN PS2	H09298SW	CV
Sodium		**7830**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:54**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:26	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:54	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72701 **Client ID:** MW-5

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22979 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Arsenic		**21.4**	**ug/L**			**10.0**	10.0	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Barium		**580**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Calcium		**245000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Iron		**25200**	**ug/L**			**100**	100	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Magnesium		**67400**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Manganese		**1090**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Potassium		**7100**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:32:58	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Sodium		**22600**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**21:53**	SUPERTRACE	1092608	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	21:53	SUPERTRACE	1092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B72701-SOL **Client ID:** MW-5-SOL

Matrix: WATER **Date Received:** 9/24/2008 **Date Collected:** 9/23/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B22975 **Prep Date:** 9/26/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Antimony	<	600	ug/L	U		600	600	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Barium		**396**	**ug/L**			**20.0**	20.0	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Calcium		**233000**	**ug/L**			**500**	500	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Iron	<	100	ug/L	U		100	100	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Magnesium		**63900**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Manganese		**1000**	**ug/L**			**15.0**	15.0	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Potassium		**6080**	**ug/L**			**5000**	5000	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Selenium		**6.8**	**ug/L**			**6.1**	6.1	**1**	**9/26/2008**	**22:15**	SUPERTRACE2	A092608	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	18:56:49	LEEMAN PS2	H09298SW	CV
Sodium		**21200**	**ug/L**			**5000**	5000	**1**	**9/29/2008**	**23:04**	SUPERTRACE	1092908C2	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	9/26/2008	22:15	SUPERTRACE2	A092608	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79403 **Client ID:** MW-6

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Barium		**92.9**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Calcium		**72800**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Iron		**2740**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Magnesium		**194000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Manganese		**42.3**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Potassium		**12200**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:40:33	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Sodium		**76600**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:25**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:25	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79403-SOL **Client ID:** MW-6-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Barium		**78.2**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Calcium		**72500**	**ug/L**			**500**	500	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Magnesium		**197000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Manganese		**40.9**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Potassium		**12000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:05:38	LEEMAN PS2	H09298SW	CV
Sodium		**76900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**03:59**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:31	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	03:59	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79405 **Client ID:** MW-8

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Barium		**292**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Calcium		**195000**	**ug/L**			**500**	500	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Iron		**21100**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Magnesium		**51500**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Manganese		**1490**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Potassium		**14900**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:43:37	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Sodium		**100000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:36**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/1/2008	17:36	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79405-SOL **Client ID:** MW-8-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Barium		**208**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Calcium		**184000**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Iron		**208**	**ug/L**			**100**	100	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Magnesium		**50500**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Manganese		**1420**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Potassium		**14100**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:08:43	LEEMAN PS2	H09298SW	CV
Sodium		**96700**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:22**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	18:41	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:22	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79401 **Client ID:** MW-9

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/24/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23267 **Prep Date:** 10/1/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**67500**	**ug/L**			**190**	190	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Antimony	<	600	ug/L	U		600	600	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Arsenic		**45.8**	**ug/L**			**10.0**	10.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Barium		**499**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Calcium		**742000**	**ug/L**			**2500**	2500	**5**	**10/2/2008**	**19:25**	SUPERTRACE2	A10020X	P
Chromium		**121**	**ug/L**			**10.0**	10.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Copper		**190**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Iron		**128000**	**ug/L**			**100**	100	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Lead		**830**	**ug/L**			**3.0**	3.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Magnesium		**344000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Manganese		**4450**	**ug/L**			**15.0**	15.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Nickel		**112**	**ug/L**			**40.0**	40.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Potassium		**40200**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/30/2008	19:37:19	LEEMAN PS2	H09308W2	CV
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Sodium		**265000**	**ug/L**			**5000**	5000	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/1/2008	17:14	SUPERTRACE2	A10010w	P
Vanadium		**130**	**ug/L**			**50.0**	50.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P
Zinc		**587**	**ug/L**			**20.0**	20.0	**1**	**10/1/2008**	**17:14**	SUPERTRACE2	A10010w	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INORGANIC ANALYSIS DATA PACKAGE

Client: Rochester Gas & Electric **SDG No.:** B653 **Method Type:**

Sample ID: A8B79408-SOL **Client ID:** MW-9-SOL

Matrix: WATER **Date Received:** 9/25/2008 **Date Collected:** 9/25/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A8B23175 **Prep Date:** 9/30/2008

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum	<	190	ug/L	U		190	190	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Antimony	<	600	ug/L	U		600	600	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Arsenic	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Barium		**78.8**	**ug/L**			**20.0**	20.0	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Beryllium	<	5.0	ug/L	U		5.0	5.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Calcium		**35400**	**ug/L**			**500**	500	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Chromium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Cobalt	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Copper	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Iron	<	100	ug/L	U		100	100	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Lead	<	3.0	ug/L	U		3.0	3.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Magnesium		**19200**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Manganese		**129**	**ug/L**			**15.0**	15.0	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Nickel	<	40.0	ug/L	U		40.0	40.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Potassium		**26900**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Selenium	<	6.1	ug/L	U		6.1	6.1	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Silver	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Mercury	<	0.300	ug/L	U		0.300	0.300	1	9/29/2008	19:16:28	LEEMAN PS2	H09298SW	CV
Sodium		**300000**	**ug/L**			**5000**	5000	**1**	**10/3/2008**	**04:37**	SUPERTRACE	1100208	P
Thallium	<	10.0	ug/L	U		10.0	10.0	1	10/3/2008	19:10	SUPERTRACE	2100308	P
Vanadium	<	50.0	ug/L	U		50.0	50.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P
Zinc	<	20.0	ug/L	U		20.0	20.0	1	10/3/2008	04:37	SUPERTRACE	1100208	P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	19691.82	105	25000.0	25320.02	101	25310.58	101	P
Antimony	375.0	386.30	103	500.0	501.53	100	498.59	100	P
Arsenic	375.0	378.40	101	500.0	488.55	98	486.96	97	P
Barium	375.0	391.15	104	500.0	507.14	101	505.07	101	P
Beryllium	375.0	386.04	103	500.0	502.58	101	500.64	100	P
Cadmium	375.0	378.17	101	500.0	488.85	98	481.60	96	P
Calcium	18750.0	19036.39	102	25000.0	24582.92	98	24427.24	98	P
Chromium	375.0	398.05	106	500.0	512.94	103	510.11	102	P
Cobalt	375.0	378.73	101	500.0	490.12	98	486.30	97	P
Copper	375.0	382.68	102	500.0	495.68	99	494.46	99	P
Iron	18750.0	19129.73	102	25000.0	24608.26	98	24406.25	98	P
Lead	375.0	387.40	103	500.0	500.04	100	498.42	100	P
Magnesium	18750.0	19075.26	102	25000.0	24693.40	99	24702.88	99	P
Manganese	375.0	387.95	103	500.0	503.64	101	499.92	100	P
Nickel	375.0	388.44	104	500.0	499.17	100	496.87	99	P
Potassium	18750.0	19270.84	103	25000.0	24783.76	99	24678.59	99	P
Selenium	375.0	385.08	103	500.0	502.51	101	496.74	99	P
Silver	375.0	388.18	104	500.0	503.30	101	501.73	100	P
Sodium	18750.0	19147.58	102	25000.0	24755.20	99	24728.31	99	P
Thallium	375.0	388.75	104	500.0	498.25	100	489.88	98	P
Vanadium	375.0	383.61	102	500.0	493.04	99	490.57	98	P
Zinc	375.0	387.52	103	500.0	500.20	100	497.57	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25356.02	101	24757.81	99	P
Antimony				500.0	499.99	100	480.93	96	P
Arsenic				500.0	490.84	98	475.45	95	P
Barium				500.0	507.75	102	490.39	98	P
Beryllium				500.0	508.12	102	483.10	97	P
Cadmium				500.0	493.25	99	473.23	95	P
Calcium				25000.0	24706.97	99	24035.63	96	P
Chromium				500.0	516.66	103	500.10	100	P
Cobalt				500.0	492.78	99	474.34	95	P
Copper				500.0	494.22	99	479.84	96	P
Iron				25000.0	24694.13	99	23983.89	96	P
Lead				500.0	505.02	101	488.16	98	P
Magnesium				25000.0	25027.51	100	24126.37	97	P
Manganese				500.0	506.32	101	488.86	98	P
Nickel				500.0	501.38	100	484.83	97	P
Potassium				25000.0	24663.99	99	24851.45	99	P
Selenium				500.0	506.29	101	486.41	97	P
Silver				500.0	503.49	101	491.64	98	P
Sodium				25000.0	24535.66	98	23973.65	96	P
Thallium				500.0	496.31	99	486.26	97	P
Vanadium				500.0	494.42	99	482.28	96	P
Zinc				500.0	509.09	102	487.76	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24932.59	100	24795.81	99	P
Antimony				500.0	487.57	98	481.69	96	P
Arsenic				500.0	479.56	96	475.66	95	P
Barium				500.0	495.87	99	493.93	99	P
Beryllium				500.0	490.35	98	488.17	98	P
Cadmium				500.0	476.47	95	469.74	94	P
Calcium				25000.0	24238.48	97	23980.51	96	P
Chromium				500.0	505.93	101	502.44	100	P
Cobalt				500.0	479.16	96	475.35	95	P
Copper				500.0	486.19	97	484.74	97	P
Iron				25000.0	24216.81	97	23915.51	96	P
Lead				500.0	491.98	98	488.56	98	P
Magnesium				25000.0	24276.66	97	24094.36	96	P
Manganese				500.0	493.22	99	487.89	98	P
Nickel				500.0	490.00	98	487.23	97	P
Potassium				25000.0	24901.67	100	24495.63	98	P
Selenium				500.0	493.63	99	485.82	97	P
Silver				500.0	496.49	99	494.18	99	P
Sodium				25000.0	24282.53	97	24204.28	97	P
Thallium				500.0	485.03	97	475.28	95	P
Vanadium				500.0	486.42	97	482.69	97	P
Zinc				500.0	493.87	99	488.60	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25018.42	100			P
Antimony				500.0	487.94	98			P
Arsenic				500.0	484.51	97			P
Barium				500.0	502.64	101			P
Beryllium				500.0	505.34	101			P
Cadmium				500.0	484.19	97			P
Calcium				25000.0	24457.00	98			P
Chromium				500.0	510.36	102			P
Cobalt				500.0	488.51	98			P
Copper				500.0	491.19	98			P
Iron				25000.0	24405.70	98			P
Lead				500.0	499.51	100			P
Magnesium				25000.0	24840.88	99			P
Manganese				500.0	501.62	100			P
Nickel				500.0	496.83	99			P
Potassium				25000.0	24428.57	98			P
Selenium				500.0	493.82	99			P
Silver				500.0	498.58	100			P
Sodium				25000.0	24474.46	98			P
Thallium				500.0	485.03	97			P
Vanadium				500.0	489.23	98			P
Zinc				500.0	504.93	101			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18992.75	101	25000.0	25213.47	101	25198.56	101	P
Antimony	375.0	375.38	100	500.0	499.60	100	496.52	99	P
Arsenic	375.0	365.35	97	500.0	484.08	97	480.92	96	P
Barium	375.0	376.55	100	500.0	500.14	100	500.07	100	P
Beryllium	375.0	373.88	100	500.0	495.54	99	495.43	99	P
Cadmium	375.0	376.57	100	500.0	496.08	99	488.88	98	P
Calcium	18750.0	18693.87	100	25000.0	24794.75	99	24670.78	99	P
Chromium	375.0	385.19	103	500.0	509.59	102	508.05	102	P
Cobalt	375.0	369.65	99	500.0	489.53	98	487.17	97	P
Copper	375.0	367.07	98	500.0	490.37	98	490.54	98	P
Iron	18750.0	18626.24	99	25000.0	24619.36	98	24467.87	98	P
Lead	375.0	377.35	101	500.0	494.97	99	491.51	98	P
Magnesium	18750.0	18610.05	99	25000.0	24561.69	98	24578.78	98	P
Manganese	375.0	378.37	101	500.0	501.12	100	498.97	100	P
Nickel	375.0	378.88	101	500.0	498.54	100	497.28	99	P
Potassium	18750.0	19044.08	102	25000.0	25442.54	102	25398.22	102	P
Selenium	375.0	381.63	102	500.0	500.65	100	500.38	100	P
Silver	375.0	375.34	100	500.0	499.58	100	499.67	100	P
Sodium	18750.0	18534.51	99	25000.0	24651.56	99	24662.26	99	P
Thallium	375.0	378.34	101	500.0	498.71	100	494.09	99	P
Vanadium	375.0	372.60	99	500.0	493.55	99	491.65	98	P
Zinc	375.0	381.59	102	500.0	501.57	100	499.59	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25483.78	102	25642.15	103	P
Antimony				500.0	499.03	100	499.94	100	P
Arsenic				500.0	487.62	98	493.85	99	P
Barium				500.0	504.65	101	506.84	101	P
Beryllium				500.0	502.58	101	507.32	101	P
Cadmium				500.0	497.64	100	502.33	100	P
Calcium				25000.0	24971.93	100	25097.17	100	P
Chromium				500.0	514.36	103	517.55	104	P
Cobalt				500.0	493.36	99	496.93	99	P
Copper				500.0	496.78	99	501.55	100	P
Iron				25000.0	24742.55	99	24864.76	99	P
Lead				500.0	498.85	100	502.10	100	P
Magnesium				25000.0	24944.10	100	25066.33	100	P
Manganese				500.0	505.25	101	509.46	102	P
Nickel				500.0	502.73	101	504.80	101	P
Potassium				25000.0	25722.91	103	26194.83	105	P
Selenium				500.0	508.03	102	502.17	100	P
Silver				500.0	505.67	101	509.21	102	P
Sodium				25000.0	25090.13	100	25159.01	101	P
Thallium				500.0	497.92	100	504.20	101	P
Vanadium				500.0	497.37	99	500.31	100	P
Zinc				500.0	508.60	102	512.83	103	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25620.21	102	25615.28	102	P
Antimony				500.0	502.62	101	501.09	100	P
Arsenic				500.0	496.00	99	495.33	99	P
Barium				500.0	506.99	101	508.43	102	P
Beryllium				500.0	511.76	102	514.46	103	P
Cadmium				500.0	504.79	101	500.93	100	P
Calcium				25000.0	25165.96	101	25156.81	101	P
Chromium				500.0	519.62	104	519.12	104	P
Cobalt				500.0	500.27	100	499.71	100	P
Copper				500.0	502.39	100	505.17	101	P
Iron				25000.0	24918.49	100	24844.49	99	P
Lead				500.0	507.60	102	504.98	101	P
Magnesium				25000.0	25273.23	101	25312.43	101	P
Manganese				500.0	512.98	103	514.17	103	P
Nickel				500.0	507.52	102	504.78	101	P
Potassium				25000.0	26452.56	106	26603.26	106	P
Selenium				500.0	513.06	103	503.51	101	P
Silver				500.0	510.14	102	511.06	102	P
Sodium				25000.0	25298.03	101	25195.46	101	P
Thallium				500.0	503.05	101	495.55	99	P
Vanadium				500.0	502.30	100	500.13	100	P
Zinc				500.0	520.55	104	519.97	104	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium	18750.0	18307.60	98	25000.0	24405.34	98	24360.04	97	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	24754.34	99	24448.06	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	24617.21	98	24643.71	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium				25000.0	24723.56	99	24392.26	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Sodium	18750.0	18555.66	99	25000.0	24524.37	98	24507.20	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Sodium				25000.0	24476.44	98			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18717.03	100	25000.0	24560.06	98	24912.03	100	P
Antimony	375.0	384.33	102	500.0	503.64	101	505.55	101	P
Arsenic	375.0	367.96	98	500.0	481.92	96	490.27	98	P
Barium	375.0	375.71	100	500.0	491.71	98	499.60	100	P
Beryllium	375.0	374.26	100	500.0	494.84	99	504.01	101	P
Cadmium	375.0	369.53	99	500.0	485.55	97	491.08	98	P
Calcium	18750.0	18691.96	100	25000.0	24675.04	99	24908.01	100	P
Chromium	375.0	383.64	102	500.0	503.71	101	511.85	102	P
Cobalt	375.0	367.98	98	500.0	483.25	97	491.34	98	P
Copper	375.0	369.74	99	500.0	487.39	97	496.05	99	P
Iron	18750.0	18488.77	99	25000.0	24218.02	97	24543.07	98	P
Lead	375.0	376.63	100	500.0	496.84	99	503.75	101	P
Magnesium	18750.0	18758.67	100	25000.0	24768.79	99	25177.35	101	P
Manganese	375.0	378.06	101	500.0	498.94	100	506.96	101	P
Nickel	375.0	373.27	100	500.0	487.92	98	494.55	99	P
Potassium	18750.0	18947.72	101	25000.0	25265.37	101	25535.60	102	P
Selenium	375.0	383.48	102	500.0	503.72	101	513.77	103	P
Silver	375.0	376.26	100	500.0	493.38	99	502.58	101	P
Sodium	18750.0	18470.36	99	25000.0	24423.08	98	24845.09	99	P
Vanadium	375.0	370.02	99	500.0	484.82	97	492.05	98	P
Zinc	375.0	384.71	103	500.0	498.23	100	505.67	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24959.54	100	24582.29	98	P
Antimony				500.0	509.92	102	501.70	100	P
Arsenic				500.0	493.77	99	486.31	97	P
Barium				500.0	498.09	100	491.57	98	P
Beryllium				500.0	503.77	101	497.66	100	P
Cadmium				500.0	493.69	99	486.82	97	P
Calcium				25000.0	25006.33	100	24649.80	99	P
Chromium				500.0	512.40	102	506.07	101	P
Cobalt				500.0	492.88	99	485.52	97	P
Copper				500.0	495.59	99	487.92	98	P
Iron				25000.0	24607.82	98	24277.43	97	P
Lead				500.0	506.68	101	497.27	99	P
Magnesium				25000.0	25204.44	101	24904.38	100	P
Manganese				500.0	506.34	101	499.48	100	P
Nickel				500.0	498.61	100	491.54	98	P
Potassium				25000.0	25397.17	102	25055.18	100	P
Selenium				500.0	513.95	103	509.03	102	P
Silver				500.0	502.08	100	496.20	99	P
Sodium				25000.0	24668.11	99	24460.63	98	P
Vanadium				500.0	493.80	99	487.03	97	P
Zinc				500.0	507.72	102	502.89	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	24601.17	98	24889.69	100	P
Antimony				500.0	499.23	100	515.50	103	P
Arsenic				500.0	484.94	97	495.10	99	P
Barium				500.0	490.48	98	503.49	101	P
Beryllium				500.0	495.86	99	507.79	102	P
Cadmium				500.0	485.60	97	498.58	100	P
Calcium				25000.0	24698.56	99	25141.98	101	P
Chromium				500.0	506.89	101	515.26	103	P
Cobalt				500.0	485.25	97	495.27	99	P
Copper				500.0	486.78	97	486.57	97	P
Iron				25000.0	24282.37	97	24919.96	100	P
Lead				500.0	496.78	99	512.13	102	P
Magnesium				25000.0	24827.24	99	25519.43	102	P
Manganese				500.0	498.56	100	511.60	102	P
Nickel				500.0	491.13	98	503.91	101	P
Potassium				25000.0	24814.58	99	24169.82	97	P
Selenium				500.0	503.16	101	517.90	104	P
Silver				500.0	494.46	99	496.60	99	P
Sodium				25000.0	24369.89	97	24255.47	97	P
Vanadium				500.0	487.31	97	494.83	99	P
Zinc				500.0	500.46	100	512.73	103	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24790.38	99	25322.78	101	P
Antimony				500.0	507.37	101	516.75	103	P
Arsenic				500.0	485.77	97	492.98	99	P
Barium				500.0	501.92	100	508.03	102	P
Beryllium				500.0	502.42	100	512.12	102	P
Cadmium				500.0	488.45	98	496.67	99	P
Calcium				25000.0	24801.21	99	25403.15	102	P
Chromium				500.0	510.97	102	523.68	105	P
Cobalt				500.0	487.42	97	497.34	99	P
Copper				500.0	486.29	97	496.73	99	P
Iron				25000.0	24604.22	98	25117.00	100	P
Lead				500.0	505.13	101	513.12	103	P
Magnesium				25000.0	25149.54	101	25681.16	103	P
Manganese				500.0	506.00	101	514.51	103	P
Nickel				500.0	496.55	99	507.59	102	P
Potassium				25000.0	24175.88	97	24617.12	98	P
Selenium				500.0	509.01	102	518.21	104	P
Silver				500.0	495.51	99	506.02	101	P
Sodium				25000.0	24335.79	97	24784.28	99	P
Vanadium				500.0	489.64	98	500.81	100	P
Zinc				500.0	501.40	100	510.88	102	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Thallium	375.0	385.99	103	500.0	494.53	99	473.41	95	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Thallium				500.0	477.68	96	471.52	94	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Thallium				500.0	494.90	99	493.62	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Thallium				500.0	510.57	102			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18959.78	101	25000.0	24949.95	100	24882.11	100	P
Antimony	375.0	396.06	106	500.0	509.46	102	511.86	102	P
Arsenic	375.0	362.39	97	500.0	478.88	96	479.18	96	P
Barium	375.0	378.64	101	500.0	498.51	100	497.76	100	P
Beryllium	375.0	373.23	100	500.0	490.89	98	489.93	98	P
Cadmium	375.0	369.78	99	500.0	485.56	97	485.96	97	P
Calcium	18750.0	18793.25	100	25000.0	24718.23	99	24664.47	99	P
Chromium	375.0	382.09	102	500.0	505.10	101	504.51	101	P
Cobalt	375.0	367.86	98	500.0	483.10	97	483.96	97	P
Copper	375.0	366.89	98	500.0	484.00	97	482.53	97	P
Iron	18750.0	18470.14	99	25000.0	24356.89	97	24301.08	97	P
Lead	375.0	377.90	101	500.0	495.77	99	495.26	99	P
Magnesium	18750.0	18781.73	100	25000.0	24584.03	98	24697.43	99	P
Manganese	375.0	375.61	100	500.0	495.86	99	494.32	99	P
Nickel	375.0	376.59	100	500.0	493.28	99	493.04	99	P
Potassium	18750.0	18482.70	99	25000.0	24665.42	99	24674.52	99	P
Selenium	375.0	380.91	102	500.0	499.25	100	504.31	101	P
Silver	375.0	371.52	99	500.0	493.36	99	492.51	99	P
Sodium	18750.0	18779.04	100	25000.0	24817.21	99	24575.15	98	P
Thallium	375.0	381.54	102	500.0	503.94	101	506.80	101	P
Vanadium	375.0	368.31	98	500.0	485.24	97	484.61	97	P
Zinc	375.0	375.02	100	500.0	492.61	99	491.97	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	24896.49	100	25037.92	100	P
Antimony				500.0	509.72	102	509.29	102	P
Arsenic				500.0	478.35	96	482.80	97	P
Barium				500.0	497.82	100	502.93	101	P
Beryllium				500.0	489.05	98	490.49	98	P
Cadmium				500.0	485.21	97	482.03	96	P
Calcium				25000.0	24654.64	99	24728.08	99	P
Chromium				500.0	503.49	101	501.68	100	P
Cobalt				500.0	483.91	97	481.39	96	P
Copper				500.0	481.45	96	483.98	97	P
Iron				25000.0	24230.88	97	24094.83	96	P
Lead				500.0	495.77	99	494.26	99	P
Magnesium				25000.0	24604.23	98	24575.46	98	P
Manganese				500.0	493.45	99	491.99	98	P
Nickel				500.0	491.20	98	493.20	99	P
Potassium				25000.0	24810.34	99	24744.80	99	P
Selenium				500.0	496.05	99	501.98	100	P
Silver				500.0	492.46	98	490.51	98	P
Sodium				25000.0	24696.96	99	24571.56	98	P
Thallium				500.0	499.32	100	501.84	100	P
Vanadium				500.0	486.30	97	482.27	96	P
Zinc				500.0	491.92	98	489.46	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25063.82	100	25002.51	100	P
Antimony				500.0	512.09	102	513.31	103	P
Arsenic				500.0	478.87	96	480.05	96	P
Barium				500.0	498.68	100	498.91	100	P
Beryllium				500.0	492.40	98	489.91	98	P
Cadmium				500.0	488.10	98	487.34	97	P
Calcium				25000.0	24908.48	100	24804.90	99	P
Chromium				500.0	503.32	101	503.45	101	P
Cobalt				500.0	485.66	97	485.53	97	P
Copper				500.0	482.12	96	481.23	96	P
Iron				25000.0	24233.21	97	24163.53	97	P
Lead				500.0	497.96	100	497.70	100	P
Magnesium				25000.0	24861.94	99	24814.82	99	P
Manganese				500.0	493.47	99	493.00	99	P
Nickel				500.0	494.85	99	493.35	99	P
Potassium				25000.0	24834.35	99	24961.54	100	P
Selenium				500.0	503.56	101	499.79	100	P
Silver				500.0	491.46	98	492.48	98	P
Sodium				25000.0	25079.86	100	25046.93	100	P
Thallium				500.0	506.04	101	499.63	100	P
Vanadium				500.0	485.68	97	486.62	97	P
Zinc				500.0	494.10	99	491.70	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18876.13	101	25000.0	24845.64	99	24933.62	100	P
Antimony	375.0	391.56	104	500.0	501.18	100	506.69	101	P
Arsenic	375.0	361.47	96	500.0	475.05	95	476.55	95	P
Barium	375.0	376.27	100	500.0	496.32	99	496.75	99	P
Beryllium	375.0	371.85	99	500.0	490.65	98	492.59	99	P
Cadmium	375.0	371.28	99	500.0	487.58	98	490.55	98	P
Calcium	18750.0	18675.79	100	25000.0	24662.80	99	24707.97	99	P
Chromium	375.0	383.19	102	500.0	504.68	101	507.13	101	P
Cobalt	375.0	367.70	98	500.0	483.63	97	486.45	97	P
Copper	375.0	365.54	97	500.0	483.07	97	485.06	97	P
Iron	18750.0	18523.57	99	25000.0	24373.72	97	24506.39	98	P
Lead	375.0	374.13	100	500.0	491.37	98	495.31	99	P
Magnesium	18750.0	18840.90	100	25000.0	24636.95	99	24874.23	99	P
Manganese	375.0	376.54	100	500.0	495.83	99	497.81	100	P
Nickel	375.0	373.46	100	500.0	493.46	99	496.42	99	P
Potassium	18750.0	18471.83	99	25000.0	24548.90	98	24579.85	98	P
Selenium	375.0	385.99	103	500.0	507.06	101	509.70	102	P
Silver	375.0	373.27	100	500.0	493.21	99	496.12	99	P
Sodium	18750.0	18846.01	101	25000.0	24796.81	99	24549.75	98	P
Thallium	375.0	382.30	102	500.0	504.60	101	504.46	101	P
Vanadium	375.0	368.85	98	500.0	485.74	97	487.33	97	P
Zinc	375.0	376.02	100	500.0	494.20	99	496.43	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				25000.0	25026.87	100			P
Antimony				500.0	505.28	101			P
Arsenic				500.0	478.92	96			P
Barium				500.0	500.33	100			P
Beryllium				500.0	493.44	99			P
Cadmium				500.0	488.58	98			P
Calcium				25000.0	24729.42	99			P
Chromium				500.0	504.95	101			P
Cobalt				500.0	483.76	97			P
Copper				500.0	487.04	97			P
Iron				25000.0	24341.61	97			P
Lead				500.0	493.90	99			P
Magnesium				25000.0	24750.24	99			P
Manganese				500.0	495.68	99			P
Nickel				500.0	496.40	99			P
Potassium				25000.0	24668.64	99			P
Selenium				500.0	513.36	103			P
Silver				500.0	495.26	99			P
Sodium				25000.0	24723.08	99			P
Thallium				500.0	505.07	101			P
Vanadium				500.0	486.48	97			P
Zinc				500.0	493.72	99			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	18750.0	18926.74	101	25000.0	24979.47	100	25057.40	100	P
Antimony	375.0	385.84	103	500.0	507.98	102	509.89	102	P
Arsenic	375.0	370.41	99	500.0	486.11	97	489.51	98	P
Barium	375.0	378.03	101	500.0	500.31	100	502.40	100	P
Beryllium	375.0	373.38	100	500.0	493.21	99	494.37	99	P
Cadmium	375.0	369.76	99	500.0	490.17	98	491.41	98	P
Calcium	18750.0	18775.56	100	25000.0	24832.65	99	24885.07	100	P
Chromium	375.0	381.50	102	500.0	508.02	102	508.83	102	P
Cobalt	375.0	366.25	98	500.0	486.12	97	488.12	98	P
Copper	375.0	365.01	97	500.0	483.68	97	485.82	97	P
Iron	18750.0	18472.80	99	25000.0	24554.91	98	24618.80	98	P
Lead	375.0	372.59	99	500.0	495.75	99	496.64	99	P
Magnesium	18750.0	18877.18	101	25000.0	24891.55	100	25082.65	100	P
Manganese	375.0	375.66	100	500.0	499.24	100	499.82	100	P
Nickel	375.0	376.36	100	500.0	496.92	99	498.22	100	P
Potassium	18750.0	18454.41	98	25000.0	24727.93	99	24656.65	99	P
Selenium	375.0	373.27	100	500.0	493.66	99	504.72	101	P
Silver	375.0	371.79	99	500.0	495.64	99	497.30	99	P
Thallium	375.0	385.11	103	500.0	513.44	103	501.43	100	P
Vanadium	375.0	366.93	98	500.0	490.05	98	490.62	98	P
Zinc	375.0	375.34	100	500.0	498.41	100	499.58	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25155.39	101	25037.46	100	P
Antimony				500.0	506.93	101	510.57	102	P
Arsenic				500.0	488.01	98	477.44	95	P
Barium				500.0	505.36	101	503.09	101	P
Beryllium				500.0	495.56	99	492.58	99	P
Cadmium				500.0	489.68	98	488.26	98	P
Calcium				25000.0	24940.25	100	24794.54	99	P
Chromium				500.0	507.13	101	505.80	101	P
Cobalt				500.0	486.76	97	485.32	97	P
Copper				500.0	487.35	97	484.69	97	P
Iron				25000.0	24521.15	98	24451.89	98	P
Lead				500.0	496.98	99	491.47	98	P
Magnesium				25000.0	24980.62	100	24948.89	100	P
Manganese				500.0	499.00	100	498.28	100	P
Nickel				500.0	498.48	100	494.93	99	P
Potassium				25000.0	24675.27	99	24739.26	99	P
Selenium				500.0	499.95	100	498.12	100	P
Silver				500.0	496.87	99	495.74	99	P
Thallium				500.0	497.70	100	503.01	101	P
Vanadium				500.0	490.58	98	489.95	98	P
Zinc				500.0	498.21	100	496.58	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	18750.0	18684.55	100	25000.0	24909.14	100	25047.21	100	P
Antimony	375.0	389.28	104	500.0	513.95	103	514.85	103	P
Arsenic	375.0	364.65	97	500.0	492.43	98	490.78	98	P
Barium	375.0	375.05	100	500.0	499.74	100	502.27	100	P
Beryllium	375.0	371.85	99	500.0	497.35	99	497.92	100	P
Cadmium	375.0	369.13	98	500.0	494.33	99	493.08	99	P
Calcium	18750.0	18722.17	100	25000.0	25084.88	100	25129.14	101	P
Chromium	375.0	381.77	102	500.0	511.38	102	509.81	102	P
Cobalt	375.0	366.75	98	500.0	491.39	98	488.99	98	P
Copper	375.0	363.92	97	500.0	487.66	98	488.66	98	P
Iron	18750.0	18426.90	98	25000.0	24721.57	99	24662.52	99	P
Lead	375.0	373.90	100	500.0	501.38	100	501.19	100	P
Magnesium	18750.0	18768.13	100	25000.0	25083.91	100	25247.59	101	P
Manganese	375.0	374.56	100	500.0	502.15	100	500.26	100	P
Nickel	375.0	373.52	100	500.0	498.81	100	499.22	100	P
Potassium	18750.0	18714.49	100	25000.0	25173.82	101	25154.10	101	P
Selenium	375.0	379.45	101	500.0	509.27	102	503.54	101	P
Silver	375.0	374.99	100	500.0	502.84	101	502.58	101	P
Sodium	18750.0	18477.98	99	25000.0	24567.70	98	24548.24	98	P
Thallium	375.0	368.19	98	500.0	502.11	100	498.26	100	P
Vanadium	375.0	367.99	98	500.0	494.94	99	491.69	98	P
Zinc	375.0	375.78	100	500.0	502.84	101	500.47	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25039.83	100	25306.51	101	P
Antimony				500.0	505.49	101	511.41	102	P
Arsenic				500.0	487.61	98	488.36	98	P
Barium				500.0	498.33	100	498.87	100	P
Beryllium				500.0	498.81	100	505.32	101	P
Cadmium				500.0	492.64	99	499.08	100	P
Calcium				25000.0	25017.26	100	25341.48	101	P
Chromium				500.0	513.24	103	518.62	104	P
Cobalt				500.0	488.84	98	493.54	99	P
Copper				500.0	486.95	97	490.38	98	P
Iron				25000.0	24851.16	99	25149.79	101	P
Lead				500.0	497.63	100	504.51	101	P
Magnesium				25000.0	25155.74	101	25409.09	102	P
Manganese				500.0	503.99	101	507.55	102	P
Nickel				500.0	498.30	100	505.17	101	P
Potassium				25000.0	25119.44	100	25197.84	101	P
Selenium				500.0	494.67	99	499.18	100	P
Silver				500.0	505.39	101	507.76	102	P
Sodium				25000.0	24386.69	98	24661.44	99	P
Thallium				500.0	497.37	99	503.36	101	P
Vanadium				500.0	487.47	97	490.52	98	P
Zinc				500.0	498.84	100	507.24	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25452.86	102	25359.40	101	P
Antimony				500.0	500.30	100	507.25	101	P
Arsenic				500.0	487.10	97	489.60	98	P
Barium				500.0	502.93	101	502.87	101	P
Beryllium				500.0	507.29	101	506.05	101	P
Cadmium				500.0	500.20	100	499.06	100	P
Calcium				25000.0	25519.13	102	25348.27	101	P
Chromium				500.0	516.38	103	519.79	104	P
Cobalt				500.0	489.74	98	493.11	99	P
Copper				500.0	487.69	98	493.01	99	P
Iron				25000.0	25130.24	101	25148.41	101	P
Lead				500.0	485.37	97	504.79	101	P
Magnesium				25000.0	25405.80	102	25384.26	102	P
Manganese				500.0	509.52	102	509.21	102	P
Nickel				500.0	503.19	101	504.45	101	P
Potassium				25000.0	25236.41	101	25308.99	101	P
Selenium				500.0	479.02	96	500.30	100	P
Silver				500.0	508.45	102	509.81	102	P
Sodium				25000.0	24755.22	99	24829.12	99	P
Thallium				500.0	502.73	101	502.14	100	P
Vanadium				500.0	486.83	97	492.46	98	P
Zinc				500.0	509.16	102	506.49	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				25000.0	25460.61	102			P
Antimony				500.0	518.45	104			P
Arsenic				500.0	498.48	100			P
Barium				500.0	506.81	101			P
Beryllium				500.0	506.13	101			P
Cadmium				500.0	502.06	100			P
Calcium				25000.0	25566.20	102			P
Chromium				500.0	520.73	104			P
Cobalt				500.0	497.15	99			P
Copper				500.0	493.57	99			P
Iron				25000.0	25148.71	101			P
Lead				500.0	512.09	102			P
Magnesium				25000.0	25687.95	103			P
Manganese				500.0	509.44	102			P
Nickel				500.0	504.90	101			P
Potassium				25000.0	25496.20	102			P
Selenium				500.0	510.42	102			P
Silver				500.0	507.88	102			P
Sodium				25000.0	25125.59	101			P
Thallium				500.0	508.47	102			P
Vanadium				500.0	500.96	100			P
Zinc				500.0	511.46	102			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium	18750.0	18837.08	100	25000.0	24685.79	99	24798.64	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Calcium				25000.0	24851.69	99			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.09	103	2.0	2.07	104	2.09	104	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.10	105	2.11	106	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.04	101	2.0	2.04	102	2.03	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.02	101	2.01	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	3.0	3.03	101	2.0	2.03	102	2.02	101	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.02	101	2.01	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	211.82	106		
Antimony				20.0	21.30	106		
Arsenic				10.0	9.70	97		
Barium				2.0	2.22	111		
Beryllium				2.0	2.09	104		
Cadmium				1.0	0.95	95		
Calcium				500.0	484.75	97		
Chromium				4.0	4.62	116		
Cobalt				4.0	4.60	115		
Copper				10.0	9.57	96		
Iron				50.0	64.97	130		
Lead				5.0	4.66	93		
Magnesium				200.0	207.05	104		
Manganese				3.0	3.11	104		
Nickel				10.0	10.50	105		
Potassium				500.0	486.19	97		
Selenium				15.0	14.26	95		
Silver				3.0	3.90	130		
Sodium				1000.0	1079.53	108		
Thallium				20.0	20.34	102		
Vanadium				5.0	5.47	109		
Zinc				10.0	11.29	113		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	211.35	106		
Antimony				20.0	18.94	95		
Arsenic				10.0	9.23	92		
Barium				2.0	2.27	114		
Beryllium				2.0	2.09	104		
Cadmium				1.0	0.90	90		
Calcium				500.0	488.71	98		
Chromium				4.0	4.82	120		
Cobalt				4.0	4.89	122		
Copper				10.0	9.36	94		
Iron				50.0	57.90	116		
Lead				5.0	4.28	86		
Magnesium				200.0	204.45	102		
Manganese				3.0	3.04	101		
Nickel				10.0	10.44	104		
Potassium				500.0	534.65	107		
Selenium				15.0	13.98	93		
Silver				3.0	2.84	95		
Sodium				1000.0	990.81	99		
Thallium				20.0	20.14	101		
Vanadium				5.0	5.34	107		
Zinc				10.0	11.30	113		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Sodium				1000.0	1061.90	106	1068.43	107

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Sodium				1000.0	1095.17	110		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	197.24	99		
Antimony				20.0	21.75	109		
Arsenic				10.0	12.59	126		
Barium				2.0	2.01	100		
Beryllium				2.0	2.00	100		
Cadmium				1.0	1.07	107		
Calcium				500.0	503.41	101		
Chromium				4.0	3.62	90		
Cobalt				4.0	3.59	90		
Copper				10.0	10.34	103		
Iron				50.0	46.90	94		
Lead				5.0	5.48	110		
Magnesium				200.0	208.55	104		
Manganese				3.0	3.11	104		
Nickel				10.0	9.58	96		
Potassium				500.0	506.11	101		
Selenium				15.0	15.77	105		
Silver				3.0	2.71	90		
Sodium				1000.0	1031.67	103		
Vanadium				5.0	5.04	101		
Zinc				10.0	9.23	92		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Thallium				20.0	20.71	104	17.37	87

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	202.03	101		
Antimony				20.0	18.99	95		
Arsenic				10.0	10.59	106		
Barium				2.0	2.15	108		
Beryllium				2.0	1.96	98		
Cadmium				1.0	1.14	114		
Calcium				500.0	495.02	99		
Chromium				4.0	3.55	89		
Cobalt				4.0	3.71	93		
Copper				10.0	9.25	92		
Iron				50.0	53.98	108		
Lead				5.0	4.24	85		
Magnesium				200.0	209.99	105		
Manganese				3.0	3.01	100		
Nickel				10.0	9.01	90		
Potassium				500.0	469.16	94		
Selenium				15.0	15.23	102		
Silver				3.0	3.94	131		
Sodium				1000.0	1426.92	143		
Thallium				20.0	18.96	95		
Vanadium				5.0	4.72	94		
Zinc				10.0	10.84	108		

Comments:

Rochester Gas & Electric

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	214.72	107		
Antimony				20.0	17.94	90		
Arsenic				10.0	10.53	105		
Barium				2.0	2.19	110		
Beryllium				2.0	2.03	102		
Cadmium				1.0	1.17	117		
Calcium				500.0	498.82	100		
Chromium				4.0	4.95	124		
Cobalt				4.0	4.33	108		
Copper				10.0	9.41	94		
Iron				50.0	51.59	103		
Lead				5.0	4.31	86		
Magnesium				200.0	213.62	107		
Manganese				3.0	3.11	104		
Nickel				10.0	9.92	99		
Potassium				500.0	422.18	84		
Selenium				15.0	15.36	102		
Silver				3.0	3.75	125		
Sodium				1000.0	1208.15	121		
Thallium				20.0	22.38	112		
Vanadium				5.0	5.44	109		
Zinc				10.0	11.22	112		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	209.26	105		
Antimony				20.0	24.21	121		
Arsenic				10.0	11.89	119		
Barium				2.0	2.18	109		
Beryllium				2.0	1.95	98		
Cadmium				1.0	1.12	112		
alcium				500.0	491.77	98		
Chromium				4.0	4.32	108		
Cobalt				4.0	4.28	107		
Copper				10.0	10.38	104		
Iron				50.0	52.55	105		
Lead				5.0	4.12	82		
Magnesium				200.0	203.99	102		
Manganese				3.0	3.01	100		
Nickel				10.0	10.08	101		
Potassium				500.0	449.83	90		
Selenium				15.0	13.25	88		
Silver				3.0	2.69	90		
Thallium				20.0	19.46	97		
Vanadium				5.0	5.40	108		
Zinc				10.0	11.61	116		

Comments:

Rochester Gas & Electric

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Aluminum				200.0	208.40	104		
Antimony				20.0	22.88	114		
Arsenic				10.0	10.27	103		
Barium				2.0	2.15	108		
Beryllium				2.0	2.07	104		
Cadmium				1.0	1.13	113		
Calcium				500.0	500.62	100		
Chromium				4.0	4.66	116		
Cobalt				4.0	4.25	106		
Copper				10.0	10.17	102		
Iron				50.0	56.72	113		
Lead				5.0	5.61	112		
Magnesium				200.0	206.62	103		
Manganese				3.0	3.09	103		
Nickel				10.0	10.47	105		
Potassium				500.0	459.94	92		
Selenium				15.0	22.48	150		
Silver				3.0	2.65	88		
Sodium				1000.0	1047.09	105		
Thallium				20.0	22.20	111		
Vanadium				5.0	5.52	110		
Zinc				10.0	12.11	121		

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Calcium				500.0	500.43	100		

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.17	85					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.16	80					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.19	95					

Comments:

Rochester Gas & Electric
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.18	90					

Comments:

Rochester Gas & Electric

-2B-

CRDL STANDARD FOR AA AND ICP

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.20	100					

Comments:

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	17:03	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	17:03	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	17:03	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	17:29	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	17:29	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	17:29	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	18:31	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	18:31	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	18:31	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	19:33	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	19:33	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	19:33	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	20:36	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	20:36	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	20:36	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	21:38	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	21:38	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	21:38	SUPERTRACE	1092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	22:40	SUPERTRACE	1092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	22:40	SUPERTRACE	1092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	22:40	SUPERTRACE	1092608
ICB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	11:26	SUPERTRACE	1092908
CCB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	11:54	SUPERTRACE	1092908
CCB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	13:02	SUPERTRACE	1092908
CCB										
	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	14:16	SUPERTRACE	1092908

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	15:22	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	16:43	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	17:47	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	18:51	SUPERTRACE	1092908
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	19:59	SUPERTRACE	1092908
ICB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	20:45	SUPERTRACE	1092908C2
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	21:13	SUPERTRACE	1092908C2
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	22:19	SUPERTRACE	1092908C2
CCB	Sodium	5000.000	U	5000.000	5000.000	P	9/29/2008	23:22	SUPERTRACE	1092908C2

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	21:17	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	21:17	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	21:17	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	21:45	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	21:45	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	21:45	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	22:50	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	22:50	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	22:50	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/2/2008	23:54	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/2/2008	23:54	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/2/2008	23:54	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	01:02	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	01:02	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	01:02	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	02:06	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	02:06	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	02:06	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	03:10	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	03:10	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	03:10	SUPERTRACE	1100208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	04:17	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	04:17	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	04:17	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Antimony	600.000	U	600.000	600.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Arsenic	10.000	U	10.000	10.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Barium	20.000	U	20.000	20.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Beryllium	5.000	U	5.000	5.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Cadmium	1.000	U	1.000	1.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Calcium	500.000	U	500.000	500.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Chromium	10.000	U	10.000	10.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Cobalt	50.000	U	50.000	50.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Copper	20.000	U	20.000	20.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Iron	100.000	U	100.000	100.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Lead	3.000	U	3.000	3.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Magnesium	5000.000	U	5000.000	5000.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Manganese	15.000	U	15.000	15.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Nickel	40.000	U	40.000	40.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Potassium	5000.000	U	5000.000	5000.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Selenium	6.100	U	6.100	6.100	P	10/3/2008	05:21	SUPERTRACE	1100208
	Silver	10.000	U	10.000	10.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Sodium	5000.000	U	5000.000	5000.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Vanadium	50.000	U	50.000	50.000	P	10/3/2008	05:21	SUPERTRACE	1100208
	Zinc	20.000	U	20.000	20.000	P	10/3/2008	05:21	SUPERTRACE	1100208

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	20:27	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	20:27	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	20:27	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	20:55	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	20:55	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	20:55	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	21:58	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	21:58	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	21:58	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	23:05	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	23:05	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	23:05	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	00:09	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	00:09	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	00:09	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	01:13	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	01:13	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	01:13	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	02:20	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	02:20	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	02:20	SUPERTRACE	2092508

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Barium	20.000	U	20.000	20.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Copper	20.000	U	20.000	20.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Iron	100.000	U	100.000	100.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Lead	3.000	U	3.000	3.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	03:24	SUPERTRACE	2092508
	Silver	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	03:24	SUPERTRACE	2092508
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	03:24	SUPERTRACE	2092508
ICB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	13:02	SUPERTRACE	2100308
CCB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	13:28	SUPERTRACE	2100308
CCB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	14:32	SUPERTRACE	2100308
CCB										
	Thallium	10.000	U	10.000	10.000	P	10/3/2008	15:35	SUPERTRACE	2100308

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	16:46	SUPERTRACE	2100308
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	17:58	SUPERTRACE	2100308
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	19:05	SUPERTRACE	2100308
CCB	Thallium	10.000	U	10.000	10.000	P	10/3/2008	20:11	SUPERTRACE	2100308

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	21:36	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	22:04	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/25/2008	23:11	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	00:17	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	01:24	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	02:30	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Barium	20.000	U	20.000	20.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Copper	20.000	U	20.000	20.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Iron	100.000	U	100.000	100.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Lead	3.000	U	3.000	3.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Silver	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	03:37	SUPERTRACE2	A09250x

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	04:25	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	04:53	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	06:00	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Barium	20.000	U	20.000	20.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Copper	20.000	U	20.000	20.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Iron	100.000	U	100.000	100.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Lead	3.000	U	3.000	3.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Silver	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Sodium	5000.000	U	5000.000	5000.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	07:07	SUPERTRACE2	A09250XC2

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	19:07	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	19:07	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	19:34	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	19:34	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	20:39	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	20:39	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	21:44	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	21:44	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Antimony	600.000	U	600.000	600.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Arsenic	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Barium	20.000	U	20.000	20.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Beryllium	5.000	U	5.000	5.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Cadmium	1.000	U	1.000	1.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Calcium	500.000	U	500.000	500.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Chromium	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Cobalt	50.000	U	50.000	50.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Copper	20.000	U	20.000	20.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Iron	100.000	U	100.000	100.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Lead	3.000	U	3.000	3.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Magnesium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Manganese	15.000	U	15.000	15.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Nickel	40.000	U	40.000	40.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Potassium	5000.000	U	5000.000	5000.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Selenium	6.100	U	6.100	6.100	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Silver	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Thallium	10.000	U	10.000	10.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Vanadium	50.000	U	50.000	50.000	P	9/26/2008	22:48	SUPERTRACE2	A092608
	Zinc	20.000	U	20.000	20.000	P	9/26/2008	22:48	SUPERTRACE2	A092608

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	10:18	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	10:50	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	11:58	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	13:15	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	14:26	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Selenium	6.120		6.100	6.100	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	15:57	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Selenium	6.190		6.100	6.100	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	17:03	SUPERTRACE2	A10010w

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Aluminum	190.000	U	190.000	190.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Antimony	600.000	U	600.000	600.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Arsenic	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Barium	20.000	U	20.000	20.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Beryllium	5.000	U	5.000	5.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Cadmium	1.000	U	1.000	1.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Calcium	500.000	U	500.000	500.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Chromium	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Cobalt	50.000	U	50.000	50.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Copper	20.000	U	20.000	20.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Iron	100.000	U	100.000	100.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Lead	3.000	U	3.000	3.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Magnesium	5000.000	U	5000.000	5000.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Manganese	15.000	U	15.000	15.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Nickel	40.000	U	40.000	40.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Potassium	5000.000	U	5000.000	5000.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Selenium	6.100	U	6.100	6.100	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Silver	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Sodium	5000.000	U	5000.000	5000.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Thallium	10.000	U	10.000	10.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Vanadium	50.000	U	50.000	50.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
	Zinc	20.000	U	20.000	20.000	P	10/1/2008	18:10	SUPERTRACE2	A10010w
ICB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	17:29	SUPERTRACE2	A10020X
CCB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	17:57	SUPERTRACE2	A10020X
CCB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	19:03	SUPERTRACE2	A10020X
CCB										
	Calcium	500.000	U	500.000	500.000	P	10/2/2008	20:10	SUPERTRACE2	A10020X

Rochester Gas & Electric

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:07	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:12	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:31	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:50	LEEMAN PS20	H09258SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/25/2008	14:58	LEEMAN PS20	H09258SW
ICB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	18:47	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	18:52	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	19:11	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	19:30	LEEMAN PS20	H09298SW
CCB	Mercury	0.180	U	0.180	0.180	CV	9/29/2008	19:45	LEEMAN PS20	H09298SW

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:03	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:09	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:28	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	19:47	LEEMAN PS20	H09308W2
CCB	Mercury	0.180	U	0.180	0.180	CV	9/30/2008	20:06	LEEMAN PS20	H09308W2

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD854756-9/25/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Barium	20.000	U		20.000	20.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Copper	20.000	U		20.000	20.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Iron	100.000	U		100.000	100.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Lead	3.000	U		3.000	3.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	01:36	SUPERTRACE	2092508
	Silver	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Sodium	5000.000	U		5000.000	5000.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	01:36	SUPERTRACE	2092508
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	01:36	SUPERTRACE	2092508

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD855142-9/26/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Barium	20.000	U		20.000	20.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Copper	20.000	U		20.000	20.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Iron	100.000	U		100.000	100.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Lead	3.000	U		3.000	3.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	19:54	SUPERTRACE	1092608
	Silver	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Sodium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	19:54	SUPERTRACE	1092608
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	19:54	SUPERTRACE	1092608
AD855023-9/26/08			**WATER**								
	Sodium	5000.000	U		5000.000	5000.000	P	9/29/2008	19:35	SUPERTRACE	1092908

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD855948-9/30/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Antimony	600.000	U		600.000	600.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Arsenic	10.000	U		10.000	10.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Barium	20.000	U		20.000	20.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Beryllium	5.000	U		5.000	5.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Cadmium	1.000	U		1.000	1.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Calcium	500.000	U		500.000	500.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Chromium	10.000	U		10.000	10.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Cobalt	50.000	U		50.000	50.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Copper	20.000	U		20.000	20.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Iron	100.000	U		100.000	100.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Lead	3.000	U		3.000	3.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Magnesium	5000.000	U		5000.000	5000.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Manganese	15.000	U		15.000	15.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Nickel	40.000	U		40.000	40.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Potassium	5000.000	U		5000.000	5000.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Selenium	6.100	U		6.100	6.100	P	10/3/2008	03:33	SUPERTRACE	1100208
	Silver	10.000	U		10.000	10.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Sodium	5000.000	U		5000.000	5000.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Thallium	10.000	U		10.000	10.000	P	10/3/2008	18:16	SUPERTRACE	2100308
	Vanadium	50.000	U		50.000	50.000	P	10/3/2008	03:33	SUPERTRACE	1100208
	Zinc	20.000	U		20.000	20.000	P	10/3/2008	03:33	SUPERTRACE	1100208
AD856046-9/30/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/30/2008	19:53	LEEMAN PS20	H09308W2

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD854804-9/25/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Barium	20.000	U		20.000	20.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Copper	20.000	U		20.000	20.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Iron	100.000	U		100.000	100.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Lead	3.000	U		3.000	3.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Silver	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Sodium	5000.000	U		5000.000	5000.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	03:03	SUPERTRACE2	A09250x

Rochester Gas & Electric
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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD855023-9/26/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Antimony	600.000	U		600.000	600.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Arsenic	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Barium	20.000	U		20.000	20.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Beryllium	5.000	U		5.000	5.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Cadmium	1.000	U		1.000	1.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Calcium	500.000	U		500.000	500.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Chromium	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Cobalt	50.000	U		50.000	50.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Copper	20.000	U		20.000	20.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Iron	100.000	U		100.000	100.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Lead	3.000	U		3.000	3.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Magnesium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Manganese	15.000	U		15.000	15.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Nickel	40.000	U		40.000	40.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Potassium	5000.000	U		5000.000	5000.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Selenium	6.100	U		6.100	6.100	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Silver	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Thallium	10.000	U		10.000	10.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Vanadium	50.000	U		50.000	50.000	P	9/26/2008	19:56	SUPERTRACE2	A092608
	Zinc	20.000	U		20.000	20.000	P	9/26/2008	19:56	SUPERTRACE2	A092608

Rochester Gas & Electric

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PREPARATION BLANK SUMMARY

Client: Rochester Gas & Electric **SDG No.:** B653

Contract: NY02-227 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD856117-10/1/08			**WATER**								
	Aluminum	190.000	U		190.000	190.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Antimony	600.000	U		600.000	600.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Arsenic	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Barium	20.000	U		20.000	20.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Beryllium	5.000	U		5.000	5.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Cadmium	1.000	U		1.000	1.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Calcium	500.000	U		500.000	500.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Chromium	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Cobalt	50.000	U		50.000	50.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Copper	20.000	U		20.000	20.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Iron	100.000	U		100.000	100.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Lead	3.000	U		3.000	3.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Magnesium	5000.000	U		5000.000	5000.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Manganese	15.000	U		15.000	15.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Nickel	40.000	U		40.000	40.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Potassium	5000.000	U		5000.000	5000.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Selenium	6.100	U		6.100	6.100	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Silver	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Sodium	5000.000	U		5000.000	5000.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Thallium	10.000	U		10.000	10.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Vanadium	50.000	U		50.000	50.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
	Zinc	20.000	U		20.000	20.000	P	10/1/2008	16:40	SUPERTRACE2	A10010w
AD854879-9/25/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/25/2008	14:53	LEEMAN PS20	H09258SW
AD855744-9/29/08			**WATER**								
	Mercury	0.300	U		0.300	0.300	CV	9/29/2008	19:40	LEEMAN PS20	H09298SW

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	563000	558000	112			
Antimony		600	-0.57	677	113			
Arsenic		100	1.9	116	116			
Barium		500	0.96	567	113			
Beryllium		500	1.1	525	105			
Cadmium		1000	-1.2	1030	103			
Calcium	500000	500000	555000	543000	109			
Chromium		500	-0.63	539	108			
Cobalt		500	0.83	511	102			
Copper		500	-2.2	557	111			
Iron	200000	100000	213000	104000	104			
Lead		50	-1.1	50.0	100			
Magnesium	500000	500000	549000	532000	106			
Manganese		500	-0.39	523	105			
Nickel		1000	0.89	1010	101			
Potassium			26.8	17.7				
Selenium		50	1.8	49.5	99			
Silver		200	1.6	231	116			
Sodium			234	365				
Thallium		100	-9.8	108	108			
Vanadium		500	1.4	546	109			
Zinc		1000	-3.6	1020	102			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	528000	542000	108			
Antimony		600	4.4	651	108			
Arsenic		100	0.31	113	113			
Barium		500	0.72	545	109			
Beryllium		500	0.45	511	102			
Cadmium		1000	-0.34	1030	103			
Calcium	500000	500000	519000	538000	108			
Chromium		500	-0.47	527	105			
Cobalt		500	0.40	504	101			
Copper		500	-2.1	537	107			
Iron	200000	100000	200000	103000	103			
Lead		50	-0.16	50.6	101			
Magnesium	500000	500000	515000	524000	105			
Manganese		500	-0.11	512	102			
Nickel		1000	0.010	999	100			
Potassium			31.5	36.0				
Selenium		50	-2.9	56.3	113			
Silver		200	0.17	224	112			
Sodium			38.0	7.5				
Thallium		100	-5.7	103	103			
Vanadium		500	0.070	535	107			
Zinc		1000	-2.8	1020	102			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Sodium			235	90.1		48.8	83.7	

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Sodium			81.0	38.0				

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	520000	514000	103			
Antimony		600	1.7	647	108			
Arsenic		100	0.96	108	108			
Barium		500	0.63	523	105			
Beryllium		500	0.46	495	99			
Cadmium		1000	-2.4	981	98			
Calcium	500000	500000	526000	517000	103			
Chromium		500	-2.0	506	101			
Cobalt		500	-0.64	483	97			
Copper		500	-3.3	520	104			
Iron	200000	100000	200000	97900	98			
Lead		50	0.98	48.1	96			
Magnesium	500000	500000	524000	510000	102			
Manganese		500	-1.4	495	99			
Nickel		1000	1.6	947	95			
Potassium			17.2	37.5				
Selenium		50	-2.9	52.3	105			
Silver		200	0.34	216	108			
Sodium			-96.7	63.0				
Vanadium		500	1.8	512	102			
Zinc		1000	-5.7	972	97			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Thallium		100	-5.1	97.3	97	-6.8	90.5	90

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	522000	520000	104			
Antimony		600	-4.9	653	109			
Arsenic		100	0.89	107	107			
Barium		500	1.0	521	104			
Beryllium		500	0.94	492	98			
Cadmium		1000	-1.9	970	97			
Calcium	500000	500000	534000	530000	106			
Chromium		500	-2.9	501	100			
Cobalt		500	0.52	486	97			
Copper		500	-0.14	514	103			
Iron	200000	100000	195000	97100	97			
Lead		50	3.6	54.0	108			
Magnesium	500000	500000	503000	496000	99			
Manganese		500	1.5	491	98			
Nickel		1000	0.010	959	96			
Potassium			21.3	13.7				
Selenium		50	-8.4	53.1	106			
Silver		200	0.67	212	106			
Sodium			10.2	62.4				
Thallium		100	-38.7	83.6	84			
Vanadium		500	0.27	504	101			
Zinc		1000	-6.1	959	96			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	518000	522000	104			
Antimony		600	2.3	646	108			
Arsenic		100	1.2	111	111			
Barium		500	1.2	523	105			
Beryllium		500	0.98	494	99			
Cadmium		1000	-2.3	981	98			
Calcium	500000	500000	531000	533000	107			
Chromium		500	-2.1	504	101			
Cobalt		500	0.73	489	98			
Copper		500	0.42	517	103			
Iron	200000	100000	195000	98100	98			
Lead		50	7.4	55.2	110			
Magnesium	500000	500000	503000	499000	100			
Manganese		500	1.6	495	99			
Nickel		1000	0.76	962	96			
Potassium			-6.8	-26.0				
Selenium		50	-3.0	54.3	109			
Silver		200	1.1	214	107			
Sodium			168	-91.2				
Thallium		100	-39.7	94.2	94			
Vanadium		500	0.63	510	102			
Zinc		1000	-7.4	969	97			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	526000	529000	106			
Antimony		600	6.4	643	107			
Arsenic		100	2.3	111	111			
Barium		500	0.90	530	106			
Beryllium		500	0.94	500	100			
Cadmium		1000	-0.17	988	99			
Calcium	500000	500000	534000	537000	107			
Chromium		500	-3.1	509	102			
Cobalt		500	1.1	492	98			
Copper		500	0.83	523	105			
Iron	200000	100000	197000	98900	99			
Lead		50	6.4	57.7	115			
Magnesium	500000	500000	510000	508000	102			
Manganese		500	1.4	500	100			
Nickel		1000	1.0	974	97			
Potassium			4.5	0.93				
Selenium		50	-1.1	49.8	100			
Silver		200	0.040	217	108			
Thallium		100	-21.1	91.6	92			
Vanadium		500	0.10	514	103			
Zinc		1000	-4.8	976	98			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Aluminum	500000	500000	517000	520000	104			
Antimony		600	4.7	653	109			
Arsenic		100	2.0	111	111			
Barium		500	0.97	525	105			
Beryllium		500	0.94	500	100			
Cadmium		1000	-1.0	984	98			
Calcium	500000	500000	522000	525000	105			
Chromium		500	-2.2	505	101			
Cobalt		500	0.85	494	99			
Copper		500	0.72	523	105			
Iron	200000	100000	196000	98100	98			
Lead		50	6.0	55.8	112			
Magnesium	500000	500000	517000	513000	103			
Manganese		500	1.5	496	99			
Nickel		1000	0.94	970	97			
Potassium			0.88	-1.1				
Selenium		50	4.1	56.1	112			
Silver		200	0.030	218	109			
Sodium			-122	21.4				
Thallium		100	-12.8	89.8	90			
Vanadium		500	0.36	513	103			
Zinc		1000	-5.3	975	98			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Calcium	500000	500000	526000	527000	105			

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\MS

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10202.3900		668.8200		10000.00	95		P
Antimony	75 - 125	204.7300	B	5.4800	U	200.00	102		P
Arsenic	75 - 125	206.0900		5.5400	B	200.00	100		P
Barium	75 - 125	298.8200		98.2500		200.00	100		P
Beryllium	75 - 125	199.2600		0.3300	U	200.00	100		P
Cadmium	75 - 125	197.7500		0.3300	U	200.00	99		P
Calcium		87446.2600		80702.6150		10000.00	67		P
Chromium	75 - 125	199.2700		1.6100	B	200.00	99		P
Cobalt	75 - 125	197.7100		1.0600	U	200.00	99		P
Copper	75 - 125	198.4100		1.2600	U	200.00	99		P
Iron	75 - 125	15853.4400		6516.5900		10000.00	93		P
Lead	75 - 125	199.9400		14.6500		200.00	93		P
Magnesium	75 - 125	45922.4700		37319.6200		10000.00	86		P
Manganese	75 - 125	610.5200		435.9800		200.00	87		P
Nickel	75 - 125	198.4800		1.0300	U	200.00	99		P
Potassium	75 - 125	24119.1900		13818.4000		10000.00	103		P
Selenium	75 - 125	202.4000		6.1000	U	200.00	101		P
Mercury	75 - 125	6.5000		0.3000	U	6.67	97		CV
Silver	75 - 125	51.2800		1.2700	U	50.00	103		P
Sodium		64345.1500		53767.9900		10000.00	106		P
Thallium	75 - 125	207.1400		5.8800	U	200.00	104		P
Vanadium	75 - 125	198.7000		0.9800	U	200.00	99		P
Zinc	75 - 125	196.8200		6.9000	B	200.00	95		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\MS-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10885.1400		23.6100	U	10000.00	109		P
Antimony	75 - 125	207.6900	B	5.4800	U	200.00	104		P
Arsenic	75 - 125	220.0400		3.7000	U	200.00	110		P
Barium	75 - 125	303.9300		80.2000		200.00	112		P
Beryllium	75 - 125	218.8200		0.3300	U	200.00	109		P
Cadmium	75 - 125	208.4800		0.3300	U	200.00	104		P
Calcium		89592.2700		76839.4400		10000.00	128		P
Chromium	75 - 125	215.5800		0.8800	U	200.00	108		P
Cobalt	75 - 125	212.5600		1.0600	U	200.00	106		P
Copper	75 - 125	216.8000		1.2600	U	200.00	108		P
Iron	75 - 125	10652.4000		19.3000	U	10000.00	107		P
Lead	75 - 125	211.7200		2.9000	U	200.00	106		P
Magnesium	75 - 125	48181.6400		36573.0000		10000.00	116		P
Manganese	75 - 125	610.5600		387.7500		200.00	111		P
Nickel	75 - 125	210.3200		1.0300	U	200.00	105		P
Potassium	75 - 125	25616.3500		14157.9700		10000.00	115		P
Selenium	75 - 125	209.9700		6.1000	U	200.00	105		P
Silver	75 - 125	55.1900		1.2700	U	50.00	110		P
Mercury	75 - 125	6.8833		0.3000	U	6.67	103		CV
Sodium		67503.7000		55140.5600		10000.00	124		P
Thallium	75 - 125	207.0200		5.8800	U	200.00	104		P
Vanadium	75 - 125	213.1200		0.9800	U	200.00	107		P
Zinc	75 - 125	214.6200		3.6000	U	200.00	107		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10751.1100		668.8200		10000.00	101		P
Antimony	75 - 125	207.1000	B	5.4800	U	200.00	104		P
Arsenic	75 - 125	208.4300		5.5400	B	200.00	101		P
Barium	75 - 125	301.7300		98.2500		200.00	102		P
Beryllium	75 - 125	199.0500		0.3300	U	200.00	100		P
Cadmium	75 - 125	197.4300		0.3300	U	200.00	99		P
Calcium		90035.7500		80702.6150		10000.00	93		P
Chromium	75 - 125	200.2900		1.6100	B	200.00	99		P
Cobalt	75 - 125	198.5100		1.0600	U	200.00	99		P
Copper	75 - 125	200.4100		1.2600	U	200.00	100		P
Iron	75 - 125	16650.0000		6516.5900		10000.00	101		P
Lead	75 - 125	212.8100		14.6500		200.00	99		P
Magnesium		47203.7500		37319.6200		10000.00	99		P
Manganese	75 - 125	642.9100		435.9800		200.00	103		P
Nickel	75 - 125	199.4100		1.0300	U	200.00	100		P
Potassium	75 - 125	24075.2900		13818.4000		10000.00	103		P
Selenium	75 - 125	204.1700		6.1000	U	200.00	102		P
Mercury	75 - 125	6.6500		0.3000	U	6.67	100		CV
Silver	75 - 125	50.1800		1.2700	U	50.00	100		P
Sodium		63989.9600		53767.9900		10000.00	102		P
Thallium	75 - 125	207.5500		5.8800	U	200.00	104		P
Vanadium	75 - 125	199.5200		0.9800	U	200.00	100		P
Zinc	75 - 125	199.8300		6.9000	B	200.00	96		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2\SD-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	10708.4800		23.6100	U	10000.00	107		P
Antimony	75 - 125	209.0800	B	5.4800	U	200.00	105		P
Arsenic	75 - 125	216.3600		3.7000	U	200.00	108		P
Barium	75 - 125	297.9200		80.2000		200.00	109		P
Beryllium	75 - 125	217.6600		0.3300	U	200.00	109		P
Cadmium	75 - 125	207.7100		0.3300	U	200.00	104		P
Calcium		88117.9800		76839.4400		10000.00	113		P
Chromium	75 - 125	213.1800		0.8800	U	200.00	107		P
Cobalt	75 - 125	211.0200		1.0600	U	200.00	106		P
Copper	75 - 125	212.5100		1.2600	U	200.00	106		P
Iron	75 - 125	10565.7300		19.3000	U	10000.00	106		P
Lead	75 - 125	211.8300		2.9000	U	200.00	106		P
Magnesium		47573.0900		36573.0000		10000.00	110		P
Manganese	75 - 125	602.2100		387.7500		200.00	107		P
Nickel	75 - 125	209.4500		1.0300	U	200.00	105		P
Potassium	75 - 125	25024.7900		14157.9700		10000.00	109		P
Selenium	75 - 125	209.6900		6.1000	U	200.00	105		P
Silver	75 - 125	54.2500		1.2700	U	50.00	108		P
Mercury	75 - 125	6.9333		0.3000	U	6.67	104		CV
Sodium		65615.6100		55140.5600		10000.00	105		P
Thallium	75 - 125	205.7500		5.8800	U	200.00	103		P
Vanadium	75 - 125	210.6000		0.9800	U	200.00	105		P
Zinc	75 - 125	214.2300		3.6000	U	200.00	107		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2A

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	11193.64		668.82		10000.0	105		P
Antimony	75 - 125	201.02	B	5.48	U	200.0	101		P
Arsenic	75 - 125	202.74		5.54	B	200.0	99		P
Barium	75 - 125	307.79		98.25		200.0	105		P
Beryllium	75 - 125	202.82		0.33	U	200.0	101		P
Cadmium	75 - 125	200.83		0.33	U	200.0	100		P
Calcium	75 - 125	89024.97		80702.62		10000.0	83		P
Chromium	75 - 125	202.59		1.61	B	200.0	100		P
Cobalt	75 - 125	200.33		1.06	U	200.0	100		P
Copper	75 - 125	201.94		1.26	U	200.0	101		P
Iron	75 - 125	16437.94		6516.59		10000.0	99		P
Lead	75 - 125	212.99		14.65		200.0	99		P
Magnesium	75 - 125	46618.46		37319.62		10000.0	93		P
Manganese	75 - 125	627.58		435.98		200.0	96		P
Nickel	75 - 125	201.93		1.03	U	200.0	101		P
Potassium	75 - 125	24433.21		13818.40		10000.0	106		P
Selenium	75 - 125	209.68		6.10	U	200.0	105		P
Silver	75 - 125	51.17		1.27	U	50.0	102		P
Sodium	75 - 125	63223.83		53767.99		10000.0	95		P
Thallium	75 - 125	212.03		5.88	U	200.0	106		P
Vanadium	75 - 125	203.05		0.98	U	200.0	102		P
Zinc	75 - 125	205.08		6.90	B	200.0	99		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-2A-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added(SA)	%R	Q	M
Aluminum	75 - 125	11353.71		23.61	U	10000.0	114		P
Antimony	75 - 125	207.15	B	5.48	U	200.0	104		P
Arsenic	75 - 125	219.63		3.70	U	200.0	110		P
Barium	75 - 125	307.89		80.20		200.0	114		P
Beryllium	75 - 125	222.61		0.33	U	200.0	111		P
Cadmium	75 - 125	211.48		0.33	U	200.0	106		P
Calcium	75 - 125	85875.32		76839.44		10000.0	90		P
Chromium	75 - 125	217.22		0.88	U	200.0	109		P
Cobalt	75 - 125	214.19		1.06	U	200.0	107		P
Copper	75 - 125	216.25		1.26	U	200.0	108		P
Iron	75 - 125	10784.58		19.30	U	10000.0	108		P
Lead	75 - 125	214.00		2.90	U	200.0	107		P
Magnesium	75 - 125	46828.06		36573.00		10000.0	103		P
Manganese	75 - 125	599.59		387.75		200.0	106		P
Nickel	75 - 125	212.23		1.03	U	200.0	106		P
Potassium	75 - 125	25266.25		14157.97		10000.0	111		P
Selenium	75 - 125	212.15		6.10	U	200.0	106		P
Silver	75 - 125	54.19		1.27	U	50.0	108		P
Sodium	75 - 125	65092.23		55140.56		10000.0	100		P
Thallium	75 - 125	208.83		5.88	U	200.0	104		P
Vanadium	75 - 125	216.58		0.98	U	200.0	108		P
Zinc	75 - 125	218.67		3.60	U	200.0	109		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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DUPLICATES

SAMPLE NO.

MW-2\SD

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10202.3894		10751.1100		5		P
Antimony		204.7300	B	207.1000	B	1		P
Arsenic		206.0900		208.4300		1		P
Barium		298.8200		301.7300		1		P
Beryllium		199.2600		199.0500		0		P
Cadmium		197.7500		197.4300		0		P
Calcium		87446.2600		90035.7500		3		P
Chromium		199.2700		200.2900		1		P
Cobalt		197.7100		198.5100		0		P
Copper		198.4100		200.4100		1		P
Iron		15853.4400		16650.0000		5		P
Lead		199.9400		212.8100		6		P
Magnesium		45922.4700		47203.7500		3		P
Manganese		610.5200		642.9100		5		P
Nickel		198.4800		199.4100		0		P
Potassium		24119.1900		24075.2900		0		P
Selenium		202.4000		204.1700		1		P
Mercury		6.5000		6.6500		2		CV
Silver		51.2800		50.1800		2		P
Sodium		64345.1500		63989.9600		1		P
Thallium		207.1400		207.5500		0		P
Vanadium		198.7000		199.5200		0		P
Zinc		196.8200		199.8300		2		P

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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DUPLICATES

SAMPLE NO.

MW-2\SD-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		10885.1400		10708.4800		2		P
Antimony		207.6900	B	209.0800	B	1		P
Arsenic		220.0400		216.3600		2		P
Barium		303.9300		297.9200		2		P
Beryllium		218.8200		217.6600		1		P
Cadmium		208.4800		207.7100		0		P
Calcium		89592.2700		88117.9800		2		P
Chromium		215.5800		213.1800		1		P
Cobalt		212.5600		211.0200		1		P
Copper		216.8000		212.5100		2		P
Iron		10652.4000		10565.7300		1		P
Lead		211.7200		211.8300		0		P
Magnesium		48181.6400		47573.0900		1		P
Manganese		610.5600		602.2100		1		P
Nickel		210.3200		209.4500		0		P
Potassium		25616.3500		25024.7900		2		P
Selenium		209.9700		209.6900		0		P
Silver		55.1900		54.2500		2		P
Mercury		6.8833		6.9333		1		CV
Sodium		67503.7050		65615.6100		3		P
Thallium		207.0200		205.7500		1		P
Vanadium		213.1200		210.6000		1		P
Zinc		214.6200		214.2300		0		P

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	9890.90	99					
Antimony	200.0	191.70	96					
Arsenic	200.0	198.32	99					
Barium	200.0	199.39	100					
Beryllium	200.0	194.18	97					
Cadmium	200.0	192.51	96					
Calcium	10000.0	9724.12	97					
Chromium	200.0	197.70	99					
Cobalt	200.0	194.19	97					
Copper	200.0	194.44	97					
Iron	10000.0	9767.95	98					
Lead	200.0	196.55	98					
Magnesium	10000.0	9738.03	97					
Manganese	200.0	195.14	98					
Nickel	200.0	194.84	97					
Potassium	10000.0	10079.68	101					
Selenium	200.0	194.20	97					
Silver	50.0	50.78	102					
Sodium	10000.0	10100.73	101					
Thallium	200.0	194.40	97					
Vanadium	200.0	194.78	97					
Zinc	200.0	195.65	98					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Solid LCS Source:

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Aluminum	10000.0	10238.16	102					
Antimony	200.0	199.81	100					
Arsenic	200.0	203.82	102					
Barium	200.0	205.54	103					
Beryllium	200.0	203.31	102					
Cadmium	200.0	202.96	101					
Calcium	10000.0	10087.10	101					
Chromium	200.0	202.85	101					
Cobalt	200.0	202.65	101					
Copper	200.0	202.18	101					
Iron	10000.0	10071.74	101					
Lead	200.0	203.00	102					
Magnesium	10000.0	10096.12	101					
Manganese	200.0	202.87	101					
Nickel	200.0	201.70	101					
Potassium	10000.0	10786.16	108					
Selenium	200.0	206.00	103					
Silver	50.0	51.27	103					
Sodium	10000.0	10347.93	103					
Thallium	200.0	201.08	101					
Vanadium	200.0	200.36	100					
Zinc	200.0	205.49	103					

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	9876.37	99					
Antimony	200.0	197.87	99					
Arsenic	200.0	200.48	100					
Barium	200.0	201.54	101					
Beryllium	200.0	195.75	98					
Cadmium	200.0	196.13	98					
Calcium	10000.0	9913.24	99					
Chromium	200.0	195.72	98					
Cobalt	200.0	195.62	98					
Copper	200.0	193.73	97					
Iron	10000.0	9837.26	98					
Lead	200.0	195.70	98					
Magnesium	10000.0	9914.88	99					
Manganese	200.0	196.39	98					
Nickel	200.0	195.42	98					
Potassium	10000.0	9668.26	97					
Selenium	200.0	193.50	97					
Silver	50.0	48.84	98					
Sodium	10000.0	9819.74	98					
Thallium	200.0	206.08	103					
Vanadium	200.0	195.18	98					
Zinc	200.0	196.63	98					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	10287.84	103					
Antimony	200.0	211.90	106					
Arsenic	200.0	210.43	105					
Barium	200.0	211.85	106					
Beryllium	200.0	208.43	104					
Cadmium	200.0	206.41	103					
Calcium	10000.0	10369.31	104					
Chromium	200.0	207.28	104					
Cobalt	200.0	206.19	103					
Copper	200.0	203.24	102					
Iron	10000.0	10336.44	103					
Lead	200.0	211.27	106					
Magnesium	10000.0	10490.08	105					
Manganese	200.0	209.45	105					
Nickel	200.0	206.68	103					
Potassium	10000.0	10268.16	103					
Selenium	200.0	211.92	106					
Silver	50.0	50.57	101					
Sodium	10000.0	10164.94	102					
Thallium	200.0	206.05	103					
Vanadium	200.0	204.13	102					
Zinc	200.0	207.35	104					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	10000.0	10054.12	101					
Antimony	200.0	199.40	100					
Arsenic	200.0	197.86	99					
Barium	200.0	203.37	102					
Beryllium	200.0	198.39	99					
Cadmium	200.0	198.82	99					
Calcium	10000.0	10050.12	101					
Chromium	200.0	198.13	99					
Cobalt	200.0	198.66	99					
Copper	200.0	195.26	98					
Iron	10000.0	9886.46	99					
Lead	200.0	200.33	100					
Magnesium	10000.0	9984.74	100					
Manganese	200.0	197.87	99					
Nickel	200.0	197.91	99					
Potassium	10000.0	9920.21	99					
Selenium	200.0	203.20	102					
Silver	50.0	50.94	102					
Sodium	10000.0	10452.65	105					
Thallium	200.0	204.84	102					
Vanadium	200.0	196.04	98					
Zinc	200.0	196.43	98					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Aluminum	10000.0	10290.46	103					
Antimony	200.0	204.39	102					
Arsenic	200.0	208.10	104					
Barium	200.0	208.35	104					
Beryllium	200.0	206.90	103					
Cadmium	200.0	206.10	103					
Calcium	10000.0	10397.58	104					
Chromium	200.0	207.23	104					
Cobalt	200.0	204.38	102					
Copper	200.0	203.23	102					
Iron	10000.0	10405.48	104					
Lead	200.0	206.43	103					
Magnesium	10000.0	10330.30	103					
Manganese	200.0	207.05	104					
Nickel	200.0	205.09	103					
Potassium	10000.0	10337.49	103					
Selenium	200.0	207.08	104					
Silver	50.0	51.93	104					
Sodium	10000.0	10223.02	102					
Thallium	200.0	208.33	104					
Vanadium	200.0	202.26	101					
Zinc	200.0	206.34	103					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.38	102					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.12	95					

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Solid LCS Source: _____

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.28	99					

Comments: _____

Rochester Gas & Electric

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-2L

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	668.82		730.15	B	9		P
Antimony	4.16	B	27.40	U	100.0		P
Arsenic	5.54		18.95	B	242		P
Barium	98.25		97.90	B	0		P
Beryllium	0.33	U	1.65	U			P
Cadmium	0.33	U	1.65	U			P
Calcium	80702.62		79540.45		1		P
Chromium	1.61	B	4.40	U	100.0		P
Cobalt	0.71	B	5.30	U	100.0		P
Copper	0.68	B	6.30	U	100.0		P
Iron	6516.59		6500.55		0		P
Lead	14.65		14.50	U	100.0		P
Magnesium	37319.62		36961.40		1		P
Manganese	435.98		432.25		1		P
Nickel	0.99	B	5.15	U	100.0		P
Potassium	13818.40		12500.10	B	10		P
Selenium	6.10	U	30.50	U			P
Silver	1.27	U	6.35	U			P
Sodium	53767.99		54560.60		1		P
Thallium	4.31		29.40	U	100.0		P
Vanadium	0.71	B	4.90	U	100.0		P
Zinc	6.90		18.00	U	100.0		P

Comments:

Rochester Gas & Electric

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-2L-SOL

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	10.61	B	118.05	U	100.0		P
Antimony	5.48	U	27.40	U			P
Arsenic	1.94	B	18.50	U	100.0		P
Barium	80.20		75.50	B	6		P
Beryllium	0.22	B	1.65	U	100.0		P
Cadmium	0.33	U	1.65	U			P
Calcium	76839.44		72686.70		5		P
Chromium	0.36	B	4.40	U	100.0		P
Cobalt	0.76	B	5.30	U	100.0		P
Copper	0.48	B	6.30	U	100.0		P
Iron	16.34	B	96.50	U	100.0		P
Lead	2.90	U	14.50	U			P
Magnesium	36573.00		34080.60		7		P
Manganese	387.75		362.90		6		P
Nickel	0.38	B	5.15	U	100.0		P
Potassium	14157.97		13010.45	B	8		P
Selenium	6.10	U	30.50	U			P
Silver	1.27	U	6.35	U			P
Sodium	55140.56		52786.15		4		P
Thallium	5.88	U	29.40	U			P
Vanadium	0.31	B	4.90	U	100.0		P
Zinc	2.42	B	18.00	U	100.0		P

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE Date: 8/22/2008

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Aluminum	308.215		190	190	P
Antimony	206.838		600	600	P
Arsenic	189.042		10	10	P
Barium	493.409		20	20	P
Beryllium	313.042		5	5	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		10	10	P
Cobalt	228.616		50	50	P
Copper	324.753		20	20	P
Iron	271.441		100	100	P
Lead	220.353		3	3	P
Magnesium	279.078		5000	5000	P
Manganese	257.610		15	15	P
Nickel	231.604		40	40	P
Potassium	766.491		5000	5000	P
Selenium	296.026		6.1	6.1	P
Silver	328.068		10	10	P
Sodium	330.232		5000	5000	P
Thallium	190.864		10	10	P
Vanadium	292.402		50	50	P
Zinc	206.200		20	20	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 Date: 8/26/2008

Flame AA ID Number: _____

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Aluminum	308.215		190	190	P
Antimony	206.838		600	600	P
Arsenic	189.042		10	10	P
Barium	493.409		20	20	P
Beryllium	313.042		5	5	P
Cadmium	226.502		1	1	P
Calcium	317.933		500	500	P
Chromium	267.716		10	10	P
Cobalt	228.616		50	50	P
Copper	324.753		20	20	P
Iron	271.441		100	100	P
Lead	220.353		3	3	P
Magnesium	279.078		5000	5000	P
Manganese	257.610		15	15	P
Nickel	231.604		40	40	P
Potassium	766.491		5000	5000	P
Selenium	296.026		6.1	6.1	P
Silver	328.068		10	10	P
Sodium	330.232		5000	5000	P
Thallium	190.864		10	10	P
Vanadium	292.402		50	50	P
Zinc	206.200		20	20	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: _____ Date: 7/10/2008

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Mercury	253.70		0.3	0.3	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	-0.0004000	-0.0004600
Antimony	206.84	0.0000000	0.0000180	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000040	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000020	0.0000040	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000020	0.0000020	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000890	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000070	0.0000040	0.0000000	0.0000000	0.0000190
Cobalt	228.62	0.0000000	0.0000060	0.0000000	0.0000000	-0.0000400
Copper	324.75	0.0000000	-0.0000300	0.0000000	0.0000000	0.0000310
Iron	271.44	0.0000750	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0004000	0.0000700	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0002300	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000040
Molybdenum	202.03	0.0000010	-0.0000200	0.0000000	0.0000000	0.0000150
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003500
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000500
Silver	328.07	0.0000000	0.0000010	0.0000000	-0.0000200	-0.0000100
Sodium	330.23	0.0000000	0.0000000	0.0000000	-0.0031700	0.0000000
Thallium	190.86	0.0000000	-0.0000600	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000100	0.0000000	-0.0000200	0.0000000
Titanium	337.28	0.0000020	0.0000020	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000220	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0000100	0.0000000	0.0000000	0.0000070

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	-0.0004000	-0.0003900	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0091520	0.0000000	0.0000000	0.0000000
Arsenic	189.04	-0.0000600	0.0001050	0.0000000	0.0000000	-0.0000200
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0007000	0.0002820	-0.0000800	0.0000000	0.0000000
Cadmium	226.50	-0.0001600	0.0000000	0.0000000	0.0000000	-0.0000200
Calcium	317.93	0.0000000	0.0000000	0.0001890	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0002000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0000400	0.0000000	0.0000000	0.0001540
Copper	324.75	0.0000000	-0.0000500	0.0000250	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0019300	0.0000000	0.0000000	0.0000000
Lead	220.35	-0.0000800	-0.0000200	0.0000790	0.0000000	0.0002290
Magnesium	279.08	0.0000000	-0.0001100	0.0002120	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000530	-0.0000800	0.0000000	0.0000000
Nickel	231.60	-0.0014000	0.0000000	-0.0001000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	-0.0002600	0.0000000	0.0000000
Selenium	196.02	0.0003570	0.0000000	0.0004460	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0000000	-0.0062300	0.0000000	0.0000000	-0.0009600
Thallium	190.86	-0.0010700	0.0001870	-0.0013800	0.0000030	0.0000000
Tin	189.99	0.0000000	0.0000690	0.0000100	0.0000030	0.0000280
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	-0.0003000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Pb	Sb	Se	Tl	V
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0208800
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	-0.0000100	0.0000000
Barium	493.41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0006700
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000040	-0.0000900
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0068700
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	-0.0000100	0.0000260
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001070	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000300
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0012000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0010400
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Zn	Rh			
Aluminum	308.22	0.0000000	0.0000000			
Antimony	206.84	0.0000000	0.0000000			
Arsenic	189.04	0.0000000	0.0000000			
Barium	493.41	0.0000000	0.0000000			
Beryllium	313.04	0.0000000	0.0000000			
Boron	249.68	0.0000000	0.0000000			
Cadmium	226.50	0.0000000	0.0000000			
Calcium	317.93	0.0000000	0.0000000			
Chromium	267.72	0.0000000	0.0000000			
Cobalt	228.62	0.0000000	0.0000000			
Copper	324.75	0.0000000	0.0000000			
Iron	271.44	0.0000000	0.0000000			
Lead	220.35	0.0000000	0.0000000			
Magnesium	279.08	0.0000000	0.0000000			
Manganese	257.61	0.0000000	0.0000000			
Molybdenum	202.03	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.49	0.0000000	0.0000000			
Selenium	196.02	0.0000000	0.0000000			
Silver	328.07	0.0000000	0.0000000			
Sodium	330.23	0.0000000	0.0000000			
Thallium	190.86	0.0000000	0.0000000			
Tin	189.99	0.0000000	0.0000000			
Titanium	337.28	0.0000000	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Arsenic	189.042	0.0000020	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000010	0.0000000	0.0000100	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002400	0.0000000	0.0000000
Chromium	267.716	0.0000090	0.0000000	0.0000140	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000100	0.0000000	-0.0000300
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0005300	0.0000000	0.0000300	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000600	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000030	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000160	0.0000000	-0.0000400	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0003100	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000010	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000150	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000010	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.0000000	0.0000000	0.0000600	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0017210	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	-0.0021600	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0004100	0.0004070	0.0000000	-0.0001400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003700
Cobalt	228.616	0.0000000	0.0000000	-0.0002600	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0003800	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0000000	0.0000000	0.0000000	0.0001400
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000020	0.0000000	0.0000000	-0.0000900
Nickel	231.604	0.0000000	-0.0007500	0.0000000	0.0000000	-0.0000900
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001640	0.0000000	0.0000000	0.0007460
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0049800	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0008700	0.0000870	0.0000230	0.0008600
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0003800	0.0000050	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000400	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0000000	0.0003500	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000100	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 Date: 8/8/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for: Tl	V	Zn	Rh
Aluminum	308.215	0.0001400	0.0143930	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000530	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0001770	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	-0.0000400	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0089700	0.0000000	0.0000000
Lead	220.352	0.0000000	-0.0000800	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0001100	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000600	0.0002400	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000850	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0006600	0.0000000	0.0000000
Tin	189.989	0.0000300	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	-0.0000600	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE Date: 8/29/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	1000000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	750000	P
Lead	15.00	80000	P
Magnesium	15.00	1000000	P
Manganese	15.00	20000	P
Nickel	15.00	25000	P
Potassium	15.00	400000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	10000	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

ICP ID Number: SUPERTRACE2 Date: 8/29/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	500000	P
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Barium	15.00	10000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Calcium	15.00	600000	P
Chromium	15.00	40000	P
Cobalt	15.00	40000	P
Copper	15.00	25000	P
Iron	15.00	750000	P
Lead	15.00	80000	P
Magnesium	15.00	1000000	P
Manganese	15.00	15000	P
Nickel	15.00	25000	P
Potassium	15.00	400000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Sodium	15.00	400000	P
Thallium	15.00	40000	P
Vanadium	15.00	50000	P
Zinc	15.00	10000	P

Comments: _____

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-1-SOL	9/25/2008	50.0	50.0
MW-2\MS-SOL	9/25/2008	50.0	50.0
MW-2\SD-SOL	9/25/2008	50.0	50.0
MW-2-SOL	9/25/2008	50.0	50.0
EB-092208-SOL	9/25/2008	50.0	50.0
AD854755\LFB	9/25/2008	50.0	50.0
AD854756\MBLK	9/25/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-1	9/25/2008	50.0	50.0
MW-2	9/25/2008	50.0	50.0
MW-2\MS	9/25/2008	50.0	50.0
MW-2\SD	9/25/2008	50.0	50.0
EB-092208	9/25/2008	50.0	50.0
AD854803\LFB	9/25/2008	50.0	50.0
AD854804\MBLK	9/25/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Method: CV Prep Method:

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-1-SOL	9/25/2008	30.0	50.0
MW-2\MS-SOL	9/25/2008	30.0	50.0
MW-2\SD-SOL	9/25/2008	30.0	50.0
MW-2-SOL	9/25/2008	30.0	50.0
EB-092208-SOL	9/25/2008	30.0	50.0
AD854878\LCS	9/25/2008	30.0	50.0
AD854879\MBLK	9/25/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-5-SOL	9/26/2008	50.0	50.0
EB-092308-SOL	9/26/2008	50.0	50.0
AD855022\LFB	9/26/2008	50.0	50.0
AD855023\MBLK	9/26/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-5	9/26/2008	50.0	50.0
EB-092308	9/26/2008	50.0	50.0
AD855141\LFB	9/26/2008	50.0	50.0
AD855142\MBLK	9/26/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Method: CV Prep Method:

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-5-SOL	9/29/2008	30.0	50.0
EB-092308-SOL	9/29/2008	30.0	50.0
MW-4-SOL	9/29/2008	30.0	50.0
MW-6-SOL	9/29/2008	30.0	50.0
FD-092408-SOL	9/29/2008	30.0	50.0
MW-8-SOL	9/29/2008	30.0	50.0
EB-092408-SOL	9/29/2008	30.0	50.0
MW-3-SOL	9/29/2008	30.0	50.0
MW-9-SOL	9/29/2008	30.0	50.0
AD855743\LCS	9/29/2008	30.0	50.0
AD855744\MBLK	9/29/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-4-SOL	9/30/2008	50.0	50.0
MW-6-SOL	9/30/2008	50.0	50.0
FD-092408-SOL	9/30/2008	50.0	50.0
MW-8-SOL	9/30/2008	50.0	50.0
EB-092408-SOL	9/30/2008	50.0	50.0
MW-3-SOL	9/30/2008	50.0	50.0
MW-9-SOL	9/30/2008	50.0	50.0
AD855947\LFB	9/30/2008	50.0	50.0
AD855948\MBLK	9/30/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: B653

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-1	9/30/2008	30.0	50.0
MW-2	9/30/2008	30.0	50.0
MW-2\MS	9/30/2008	30.0	50.0
MW-2\SD	9/30/2008	30.0	50.0
EB-092208	9/30/2008	30.0	50.0
MW-5	9/30/2008	30.0	50.0
EB-092308	9/30/2008	30.0	50.0
MW-9	9/30/2008	30.0	50.0
MW-4	9/30/2008	30.0	50.0
MW-6	9/30/2008	30.0	50.0
FD-092408	9/30/2008	30.0	50.0
MW-8	9/30/2008	30.0	50.0
EB-092408	9/30/2008	30.0	50.0
MW-3	9/30/2008	30.0	50.0
AD856045\LCS	9/30/2008	30.0	50.0
AD856046\MBLK	9/30/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES INC.

Rochester Gas & Electric

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PREPARATION LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: B653

Method: P Prep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
MW-9	10/1/2008	50.0	50.0
MW-4	10/1/2008	50.0	50.0
MW-6	10/1/2008	50.0	50.0
FD-092408	10/1/2008	50.0	50.0
MW-8	10/1/2008	50.0	50.0
EB-092408	10/1/2008	50.0	50.0
MW-3	10/1/2008	50.0	50.0
AD856116\LFB	10/1/2008	50.0	50.0
AD856117\MBLK	10/1/2008	50.0	50.0

Comments:

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	16:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	16:38		X	X	X	X	X	X		X	X	X	X	X		X			X		X	X		X	X	X			
STD 2	1.00	16:43		X	X	X	X	X	X		X	X	X	X	X		X			X		X	X		X	X	X			
STD 3	1.00	16:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
STD 3 VER	1.00	16:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
ICV	1.00	16:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
ICB	1.00	17:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
CRI	1.00	17:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
ICSA	1.00	17:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
ICSAB	1.00	17:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
CCV	1.00	17:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
CCB	1.00	17:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	17:34																												
ZZZZZZ	1.00	17:39																												
ZZZZZZ	1.00	17:44																												
ZZZZZZ	1.00	17:50																												
ZZZZZZ	1.00	17:55																												
ZZZZZZ	5.00	18:00																												
ZZZZZZ	1.00	18:05																												
ZZZZZZ	1.00	18:10																												
ZZZZZZ	1.00	18:15																												
ZZZZZZ	1.00	18:20																												
CCV	1.00	18:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
CCB	1.00	18:31		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	18:36																												
ZZZZZZ	1.00	18:41																												
ZZZZZZ	1.00	18:47																												
ZZZZZZ	1.00	18:52																												
ZZZZZZ	1.00	18:57																												
ZZZZZZ	1.00	19:02																												
ZZZZZZ	1.00	19:07																												
ZZZZZZ	1.00	19:12																												
ZZZZZZ	1.00	19:17																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	19:22																										
CCV	1.00	19:28		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	19:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	19:39																										
ZZZZZZ	1.00	19:44																										
ZZZZZZ	1.00	19:49																										
AD855142\MBLK	1.00	19:54		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
AD855141\LFB	1.00	19:59		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	20:04																										
ZZZZZZ	1.00	20:09																										
ZZZZZZ	1.00	20:14																										
ZZZZZZ	1.00	20:19																										
ZZZZZZ	1.00	20:24																										
CCV	1.00	20:31		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	20:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	20:41																										
ZZZZZZ	1.00	20:46																										
ZZZZZZ	1.00	20:51																										
ZZZZZZ	1.00	20:56																										
ZZZZZZ	1.00	21:01																										
ZZZZZZ	5.00	21:06																										
ZZZZZZ	1.00	21:11																										
ZZZZZZ	1.00	21:16																										
ZZZZZZ	1.00	21:21																										
ZZZZZZ	1.00	21:26																										
CCV	1.00	21:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	21:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	21:43																										
ZZZZZZ	1.00	21:48																										
MW-5	1.00	21:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
EB-092308	1.00	21:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	22:03																										
ZZZZZZ	1.00	22:08																										

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN		
ZZZZZZ	1.00	22:13																											
ZZZZZZ	1.00	22:18																											
ZZZZZZ	1.00	22:23																											
ZZZZZZ	1.00	22:28																											
CCV	1.00	22:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	22:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	10:56																				X				
STD 1	1.00	11:01																								
STD 2	1.00	11:06																								
STD 3	1.00	11:10																				X				
STD 3 VER	1.00	11:15																				X				
ICV	1.00	11:20																				X				
ICB	1.00	11:26																				X				
CRI	1.00	11:31																				X				
ICSA	1.00	11:36																				X				
ICSAB	1.00	11:41																				X				
CCV	1.00	11:49																				X				
CCB	1.00	11:54																				X				
ZZZZZZ	1.00	12:04																								
ZZZZZZ	1.00	12:09																								
ZZZZZZ	1.00	12:14																								
ZZZZZZ	1.00	12:19																								
ZZZZZZ	1.00	12:24																								
ZZZZZZ	1.00	12:29																								
ZZZZZZ	1.00	12:34																								
ZZZZZZ	1.00	12:39																								
ZZZZZZ	5.00	12:44																								
ZZZZZZ	1.00	12:49																								
CCV	1.00	12:57																				X				
CCB	1.00	13:02																				X				
ZZZZZZ	1.00	13:07																								
ZZZZZZ	1.00	13:12																								
ZZZZZZ	1.00	13:19																								
ZZZZZZ	1.00	13:24																								
ZZZZZZ	1.00	13:30																								
ZZZZZZ	5.00	13:37																								
ZZZZZZ	1.00	13:45																								
CRI	1.00	13:53																				X				
ICSA	1.00	13:58																				X				

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICSAB	1.00	14:03																				X				
CCV	1.00	14:11																				X				
CCB	1.00	14:16																				X				
ZZZZZZ	1.00	14:21																								
ZZZZZZ	1.00	14:26																								
ZZZZZZ	1.00	14:31																								
ZZZZZZ	1.00	14:36																								
ZZZZZZ	1.00	14:41																								
ZZZZZZ	1.00	14:46																								
ZZZZZZ	5.00	14:53																								
ZZZZZZ	1.00	14:58																								
ZZZZZZ	20.00	15:04																								
ZZZZZZ	5.00	15:09																								
CCV	1.00	15:17																				X				
CCB	1.00	15:22																				X				
ZZZZZZ	1.00	15:34																								
ZZZZZZ	1.00	15:39																								
ZZZZZZ	1.00	15:44																								
ZZZZZZ	1.00	15:49																								
ZZZZZZ	5.00	15:54																								
ZZZZZZ	1.00	15:59																								
ZZZZZZ	1.00	16:04																								
ZZZZZZ	1.00	16:15																								
ZZZZZZ	1.00	16:23																								
ZZZZZZ	1.00	16:28																								
CCV	1.00	16:36																				X				
CCB	1.00	16:43																				X				
ZZZZZZ	1.00	16:48																								
ZZZZZZ	1.00	16:54																								
ZZZZZZ	1.00	16:59																								
ZZZZZZ	1.00	17:04																								
ZZZZZZ	1.00	17:09																								
ZZZZZZ	1.00	17:14																								

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	17:19																											
ZZZZZZ	5.00	17:24																											
ZZZZZZ	1.00	17:29																											
ZZZZZZ	1.00	17:34																											
CCV	1.00	17:42																				X							
CCB	1.00	17:47																				X							
ZZZZZZ	1.00	17:52																											
ZZZZZZ	1.00	17:57																											
ZZZZZZ	1.00	18:02																											
ZZZZZZ	1.00	18:07																											
ZZZZZZ	1.00	18:12																											
ZZZZZZ	1.00	18:17																											
ZZZZZZ	1.00	18:22																											
ZZZZZZ	1.00	18:27																											
ZZZZZZ	1.00	18:32																											
ZZZZZZ	1.00	18:37																											
CCV	1.00	18:45																				X							
CCB	1.00	18:51																				X							
ZZZZZZ	1.00	18:56																											
ZZZZZZ	1.00	19:01																											
ZZZZZZ	1.00	19:06																											
ZZZZZZ	1.00	19:11																											
ZZZZZZ	5.00	19:17																											
ZZZZZZ	5.00	19:22																											
ZZZZZZ	5.00	19:27																											
AD855023\MBLK	1.00	19:35																				X							
AD855022\LFB	1.00	19:40																				X							
ZZZZZZ	1.00	19:45																											
CCV	1.00	19:53																				X							
CCB	1.00	19:59																				X							

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	20:16																				X				
STD 1	1.00	20:21																								
STD 2	1.00	20:25																								
STD 3	1.00	20:30																				X				
STD 3 VER	1.00	20:35																				X				
ICV	1.00	20:40																				X				
ICB	1.00	20:45																				X				
CRI	1.00	20:50																				X				
ICSA	1.00	20:55																				X				
ICSAB	1.00	21:00																				X				
CCV	1.00	21:08																				X				
CCB	1.00	21:13																				X				
ZZZZZZ	1.00	21:18																								
ZZZZZZ	1.00	21:24																								
ZZZZZZ	1.00	21:29																								
ZZZZZZ	1.00	21:34																								
ZZZZZZ	1.00	21:39																								
ZZZZZZ	1.00	21:44																								
ZZZZZZ	5.00	21:50																								
ZZZZZZ	1.00	21:55																								
ZZZZZZ	5.00	22:00																								
ZZZZZZ	1.00	22:05																								
CCV	1.00	22:13																				X				
CCB	1.00	22:19																				X				
ZZZZZZ	1.00	22:24																								
ZZZZZZ	1.00	22:29																								
ZZZZZZ	1.00	22:34																								
ZZZZZZ	1.00	22:39																								
ZZZZZZ	1.00	22:44																								
ZZZZZZ	1.00	22:49																								
ZZZZZZ	1.00	22:54																								
ZZZZZZ	1.00	22:59																								
MW-5-SOL	1.00	23:04																				X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
EB-092308-SOL	1.00	23:09																				X				
CCV	1.00	23:17																				X				
CCB	1.00	23:22																				X				

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 10/2/2008 End Date: 10/3/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	20:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
STD 1	1.00	20:52		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X			X	X	
STD 2	1.00	20:57		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X			X	X	
STD 3	1.00	21:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
STD 3 VER	1.00	21:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ICV	1.00	21:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ICB	1.00	21:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CRI	1.00	21:22		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ICSA	1.00	21:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ICSAB	1.00	21:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCV	1.00	21:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCB	1.00	21:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ZZZZZZ	1.00	21:50																										
ZZZZZZ	1.00	21:55																										
ZZZZZZ	1.00	22:00																										
ZZZZZZ	1.00	22:05																										
ZZZZZZ	1.00	22:10																										
ZZZZZZ	1.00	22:18																										
ZZZZZZ	1.00	22:23																										
ZZZZZZ	1.00	22:28																										
ZZZZZZ	1.00	22:33																										
ZZZZZZ	5.00	22:38																										
CCV	1.00	22:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCB	1.00	22:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ZZZZZZ	1.00	22:55																										
ZZZZZZ	1.00	23:00																										
ZZZZZZ	1.00	23:05																										
ZZZZZZ	1.00	23:10																										
ZZZZZZ	1.00	23:15																										
ZZZZZZ	1.00	23:21																										
ZZZZZZ	1.00	23:26																										
ZZZZZZ	1.00	23:31																										
ZZZZZZ	1.00	23:36																										

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 10/2/2008 End Date: 10/3/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	23:41																												
CCV	1.00	23:49		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
CCB	1.00	23:54		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
ZZZZZZ	1.00	23:59																												
ZZZZZZ	1.00	00:04																												
ZZZZZZ	1.00	00:09																												
ZZZZZZ	1.00	00:16																												
ZZZZZZ	1.00	00:21																												
ZZZZZZ	1.00	00:26																												
ZZZZZZ	1.00	00:31																												
ZZZZZZ	1.00	00:36																												
ZZZZZZ	1.00	00:44																												
ZZZZZZ	1.00	00:49																												
CCV	1.00	00:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
CCB	1.00	01:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
ZZZZZZ	1.00	01:07																												
ZZZZZZ	1.00	01:12																												
ZZZZZZ	1.00	01:17																												
ZZZZZZ	5.00	01:23																												
ZZZZZZ	1.00	01:28																												
ZZZZZZ	1.00	01:33																												
ZZZZZZ	1.00	01:38																												
ZZZZZZ	1.00	01:43																												
ZZZZZZ	1.00	01:48																												
ZZZZZZ	1.00	01:53																												
CCV	1.00	02:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
CCB	1.00	02:06		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X			
ZZZZZZ	1.00	02:11																												
ZZZZZZ	1.00	02:16																												
ZZZZZZ	1.00	02:21																												
ZZZZZZ	1.00	02:26																												
ZZZZZZ	1.00	02:31																												
ZZZZZZ	1.00	02:37																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 10/2/2008 End Date: 10/3/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	02:42																									
ZZZZZZ	1.00	02:47																									
ZZZZZZ	1.00	02:52																									
ZZZZZZ	1.00	02:57																									
CCV	1.00	03:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCB	1.00	03:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ZZZZZZ	1.00	03:15																									
ZZZZZZ	1.00	03:20																									
ZZZZZZ	1.00	03:25																									
AD855948\MBLK	1.00	03:33		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
AD855947\LFB	1.00	03:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ZZZZZZ	1.00	03:43																									
ZZZZZZ	1.00	03:49																									
MW-4-SOL	1.00	03:54		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
MW-6-SOL	1.00	03:59		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
FD-092408-SOL	1.00	04:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCV	1.00	04:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCB	1.00	04:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
MW-8-SOL	1.00	04:22		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
EB-092408-SOL	1.00	04:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
MW-3-SOL	1.00	04:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
MW-9-SOL	1.00	04:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
ZZZZZZ	1.00	04:42																									
ZZZZZZ	1.00	04:47																									
ZZZZZZ	1.00	04:52																									
ZZZZZZ	5.00	04:58																									
ZZZZZZ	1.00	05:03																									
ZZZZZZ	1.00	05:08																									
CCV	1.00	05:16		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	
CCB	1.00	05:21		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/25/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	19:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	20:02		X	X	X	X	X	X		X	X	X	X	X		X	X		X		X	X		X	X	X	
STD 2	1.00	20:07		X	X	X	X	X	X		X	X	X	X	X		X	X		X		X	X		X	X	X	
STD 3	1.00	20:11		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 3 VER	1.00	20:16		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICV	1.00	20:21		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	20:27		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CRI	1.00	20:32		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSA	1.00	20:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	20:42		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	20:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	20:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	21:00																										
ZZZZZZ	1.00	21:05																										
ZZZZZZ	1.00	21:10																										
ZZZZZZ	1.00	21:15																										
ZZZZZZ	1.00	21:20																										
ZZZZZZ	1.00	21:25																										
ZZZZZZ	1.00	21:30																										
ZZZZZZ	1.00	21:35																										
ZZZZZZ	1.00	21:40																										
ZZZZZZ	1.00	21:45																										
CCV	1.00	21:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	21:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	22:03																										
ZZZZZZ	1.00	22:08																										
ZZZZZZ	1.00	22:14																										
ZZZZZZ	5.00	22:19																										
ZZZZZZ	1.00	22:24																										
ZZZZZZ	1.00	22:29																										
ZZZZZZ	1.00	22:34																										
ZZZZZZ	1.00	22:39																										
ZZZZZZ	1.00	22:47																										

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/25/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	22:52																										
CCV	1.00	23:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	23:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	23:10																										
ZZZZZZ	1.00	23:15																										
ZZZZZZ	1.00	23:20																										
ZZZZZZ	1.00	23:25																										
ZZZZZZ	1.00	23:30																										
ZZZZZZ	1.00	23:35																										
ZZZZZZ	1.00	23:41																										
ZZZZZZ	1.00	23:46																										
ZZZZZZ	1.00	23:51																										
ZZZZZZ	1.00	23:56																										
CCV	1.00	00:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	00:09		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	00:14																										
ZZZZZZ	1.00	00:19																										
ZZZZZZ	1.00	00:24																										
ZZZZZZ	5.00	00:29																										
ZZZZZZ	1.00	00:34																										
ZZZZZZ	1.00	00:39																										
ZZZZZZ	1.00	00:44																										
ZZZZZZ	1.00	00:50																										
ZZZZZZ	1.00	00:55																										
ZZZZZZ	1.00	01:00																										
CCV	1.00	01:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	01:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	01:18																										
ZZZZZZ	1.00	01:23																										
ZZZZZZ	1.00	01:28																										
AD854756\MBLK	1.00	01:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD854755\LFB	1.00	01:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	01:46																										

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 9/25/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	01:51																										
ZZZZZZ	1.00	01:56																										
ZZZZZZ	1.00	02:01																										
ZZZZZZ	1.00	02:07																										
CCV	1.00	02:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	02:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	02:25																										
ZZZZZZ	1.00	02:30																										
MW-1-SOL	1.00	02:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-2-SOL	1.00	02:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-2L-SOL	5.00	02:45		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-2A-SOL	1.00	02:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-2\MS-SOL	1.00	02:55		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-2\SD-SOL	1.00	03:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
EB-092208-SOL	1.00	03:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	03:10																										
CCV	1.00	03:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	03:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 10/3/2008 End Date: 10/3/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	12:25																					X							
STD 1	1.00	12:31																					X							
STD 2	1.00	12:35																					X							
STD 3	1.00	12:40																					X							
STD 3 VER	1.00	12:45																					X							
ICV	1.00	12:50																					X							
ICB	1.00	13:02																					X							
CRI	1.00	13:07																					X							
ICSA	1.00	13:12																					X							
ICSAB	1.00	13:17																					X							
CCV	1.00	13:23																					X							
CCB	1.00	13:28																					X							
ZZZZZZ	1.00	13:33																												
ZZZZZZ	1.00	13:38																												
ZZZZZZ	1.00	13:43																												
ZZZZZZ	1.00	13:48																												
ZZZZZZ	1.00	13:54																												
ZZZZZZ	1.00	13:59																												
ZZZZZZ	1.00	14:04																												
ZZZZZZ	1.00	14:09																												
ZZZZZZ	1.00	14:14																												
ZZZZZZ	1.00	14:19																												
CCV	1.00	14:27																					X							
CCB	1.00	14:32																					X							
ZZZZZZ	5.00	14:37																												
ZZZZZZ	1.00	14:42																												
ZZZZZZ	1.00	14:47																												
ZZZZZZ	1.00	14:52																												
ZZZZZZ	1.00	14:57																												
ZZZZZZ	1.00	15:02																												
ZZZZZZ	1.00	15:07																												
ZZZZZZ	1.00	15:12																												
ZZZZZZ	1.00	15:17																												

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 10/3/2008 End Date: 10/3/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	15:22																												
CCV	1.00	15:30																					X							
CCB	1.00	15:35																					X							
ZZZZZZ	1.00	15:40																												
ZZZZZZ	1.00	15:45																												
ZZZZZZ	1.00	15:50																												
ZZZZZZ	1.00	15:57																												
ZZZZZZ	1.00	16:02																												
ZZZZZZ	1.00	16:07																												
ZZZZZZ	1.00	16:15																												
CRI	1.00	16:24																					X							
ICSA	1.00	16:29																					X							
ICSAB	1.00	16:34																					X							
CCV	1.00	16:41																					X							
CCB	1.00	16:46																					X							
ZZZZZZ	1.00	16:51																												
ZZZZZZ	1.00	16:56																												
ZZZZZZ	5.00	17:01																												
ZZZZZZ	1.00	17:06																												
ZZZZZZ	1.00	17:11																												
ZZZZZZ	1.00	17:25																												
ZZZZZZ	1.00	17:30																												
ZZZZZZ	1.00	17:35																												
ZZZZZZ	1.00	17:40																												
ZZZZZZ	1.00	17:45																												
CCV	1.00	17:53																					X							
CCB	1.00	17:58																					X							
ZZZZZZ	1.00	18:03																												
ZZZZZZ	1.00	18:08																												
AD855948\MBLK	1.00	18:16																					X							
AD855947\LFB	1.00	18:21																					X							
MW-4-SOL	1.00	18:26																					X							
MW-6-SOL	1.00	18:31																					X							

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE Method: P

Start Date: 10/3/2008 End Date: 10/3/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
FD-092408-SOL	1.00	18:36																						X						
MW-8-SOL	1.00	18:41																						X						
EB-092408-SOL	1.00	18:46																						X						
MW-3-SOL	1.00	18:51																						X						
CCV	1.00	18:59																						X						
CCB	1.00	19:05																						X						
MW-9-SOL	1.00	19:10																						X						
ZZZZZZ	1.00	19:18																												
ZZZZZZ	1.00	19:23																												
ZZZZZZ	1.00	19:28																												
ZZZZZZ	1.00	19:33																												
ZZZZZZ	5.00	19:38																												
ZZZZZZ	1.00	19:43																												
ZZZZZZ	1.00	19:48																												
ZZZZZZ	1.00	19:53																												
ZZZZZZ	1.00	19:58																												
CCV	1.00	20:06																						X						
CCB	1.00	20:11																						X						

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/25/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	21:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
STD 1	1.00	21:10		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 2	1.00	21:15		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 3	1.00	21:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
STD 3 VER	1.00	21:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICV	1.00	21:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICB	1.00	21:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CRI	1.00	21:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICSA	1.00	21:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ICSAB	1.00	21:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCV	1.00	21:59		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	22:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	22:10																												
ZZZZZZ	1.00	22:15																												
ZZZZZZ	1.00	22:21																												
ZZZZZZ	1.00	22:26																												
ZZZZZZ	1.00	22:31																												
ZZZZZZ	1.00	22:37																												
ZZZZZZ	1.00	22:42																												
ZZZZZZ	1.00	22:48																												
ZZZZZZ	1.00	22:53																												
ZZZZZZ	1.00	22:58																												
CCV	1.00	23:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
CCB	1.00	23:11		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X				
ZZZZZZ	1.00	23:16																												
ZZZZZZ	1.00	23:22																												
ZZZZZZ	1.00	23:27																												
ZZZZZZ	1.00	23:32																												
ZZZZZZ	1.00	23:38																												
ZZZZZZ	1.00	23:43																												
ZZZZZZ	1.00	23:49																												
ZZZZZZ	1.00	23:54																												
ZZZZZZ	1.00	23:59																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/25/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	00:05																										
CCV	1.00	00:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	00:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	00:23																										
ZZZZZZ	1.00	00:28																										
ZZZZZZ	1.00	00:33																										
ZZZZZZ	1.00	00:39																										
ZZZZZZ	5.00	00:44																										
ZZZZZZ	1.00	00:50																										
ZZZZZZ	1.00	00:55																										
ZZZZZZ	1.00	01:00																										
ZZZZZZ	1.00	01:06																										
ZZZZZZ	1.00	01:11																										
CCV	1.00	01:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	01:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	01:29																										
ZZZZZZ	1.00	01:34																										
ZZZZZZ	1.00	01:40																										
ZZZZZZ	1.00	01:45																										
ZZZZZZ	1.00	01:51																										
ZZZZZZ	1.00	01:56																										
ZZZZZZ	1.00	02:02																										
ZZZZZZ	1.00	02:07																										
ZZZZZZ	1.00	02:13																										
ZZZZZZ	1.00	02:18																										
CCV	1.00	02:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	02:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	02:36																										
ZZZZZZ	1.00	02:41																										
ZZZZZZ	1.00	02:47																										
ZZZZZZ	1.00	02:52																										
ZZZZZZ	1.00	02:57																										
AD854804\MBLK	1.00	03:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/25/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
AD854803\LFB	1.00	03:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
ZZZZZZ	1.00	03:14																												
ZZZZZZ	1.00	03:19																												
ZZZZZZ	1.00	03:25																												
CCV	1.00	03:31		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			
CCB	1.00	03:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X			

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	03:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
STD 1	1.00	03:59		X	X	X	X	X	X		X	X	X	X	X		X			X		X	X		X	X	X		
STD 2	1.00	04:04		X	X	X	X	X	X		X	X	X	X	X		X			X		X	X		X	X	X		
STD 3	1.00	04:09		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
STD 3 VER	1.00	04:14		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
ICV	1.00	04:19		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
ICB	1.00	04:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
CRI	1.00	04:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
ICSA	1.00	04:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
ICSAB	1.00	04:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
CCV	1.00	04:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
CCB	1.00	04:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	04:59																											
ZZZZZZ	1.00	05:04																											
ZZZZZZ	1.00	05:10																											
ZZZZZZ	1.00	05:15																											
MW-1	1.00	05:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
MW-2	1.00	05:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
MW-2L	5.00	05:31		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
MW-2A	1.00	05:37		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
MW-2\MS	1.00	05:42		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
MW-2\SD	1.00	05:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
CCV	1.00	05:54		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
CCB	1.00	06:00		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
EB-092208	1.00	06:05		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		
ZZZZZZ	1.00	06:11																											
ZZZZZZ	1.00	06:16																											
ZZZZZZ	1.00	06:22																											
ZZZZZZ	1.00	06:27																											
ZZZZZZ	1.00	06:32																											
ZZZZZZ	1.00	06:38																											
ZZZZZZ	1.00	06:43																											
ZZZZZZ	1.00	06:49																											

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	1.00	06:54																										
CCV	1.00	07:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
CCB	1.00	07:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
STD BLK	1.00	18:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
STD 1	1.00	18:42		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 2	1.00	18:46		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X				
STD 3	1.00	18:51		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
STD 3 VER	1.00	18:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICV	1.00	19:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICB	1.00	19:07		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CRI	1.00	19:12		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICSA	1.00	19:17		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ICSAB	1.00	19:23		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCV	1.00	19:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCB	1.00	19:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ZZZZZZ	5.00	19:40																												
ZZZZZZ	5.00	19:45																												
ZZZZZZ	5.00	19:50																												
AD855023\MBLK	1.00	19:56		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
AD855022\LFB	1.00	20:01		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ZZZZZZ	1.00	20:06																												
ZZZZZZ	1.00	20:11																												
ZZZZZZ	1.00	20:17																												
ZZZZZZ	1.00	20:22																												
ZZZZZZ	1.00	20:27																												
CCV	1.00	20:34		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
CCB	1.00	20:39		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X				
ZZZZZZ	1.00	20:44																												
ZZZZZZ	1.00	20:50																												
ZZZZZZ	1.00	20:55																												
ZZZZZZ	5.00	21:00																												
ZZZZZZ	1.00	21:05																												
ZZZZZZ	1.00	21:11																												
ZZZZZZ	1.00	21:16																												
ZZZZZZ	1.00	21:21																												
ZZZZZZ	1.00	21:26																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 9/26/2008 End Date: 9/26/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	1.00	21:32																												
CCV	1.00	21:38		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X					
CCB	1.00	21:44		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X					
ZZZZZZ	1.00	21:49																												
ZZZZZZ	1.00	21:54																												
ZZZZZZ	1.00	21:59																												
ZZZZZZ	1.00	22:05																												
ZZZZZZ	1.00	22:10																												
MW-5-SOL	1.00	22:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X					
EB-092308-SOL	1.00	22:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X					
ZZZZZZ	1.00	22:26																												
ZZZZZZ	1.00	22:31																												
ZZZZZZ	1.00	22:36																												
CCV	1.00	22:43		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X					
CCB	1.00	22:48		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X					

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/1/2008 End Date: 10/1/2008

Sample ID.	D/F	Time	% R	Analytes																												
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN						
STD BLK	1.00	09:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
STD 1	1.00	09:52		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X						
STD 2	1.00	09:57		X	X	X	X	X	X		X	X	X	X	X		X		X		X	X		X	X	X						
STD 3	1.00	10:02		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
STD 3 VER	1.00	10:08		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
ICV	1.00	10:13		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
ICB	1.00	10:18		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
CRI	1.00	10:24		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
ICSA	1.00	10:29		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
ICSAB	1.00	10:35		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
CCV	1.00	10:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
CCB	1.00	10:50		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
ZZZZZZ	50.00	10:55																														
ZZZZZZ	50.00	11:01																														
ZZZZZZ	50.00	11:06																														
ZZZZZZ	50.00	11:12																														
ZZZZZZ	50.00	11:18																														
ZZZZZZ	5.00	11:23																														
ZZZZZZ	5.00	11:28																														
ZZZZZZ	10.00	11:34																														
ZZZZZZ	20.00	11:39																														
ZZZZZZ	5.00	11:45																														
CCV	1.00	11:53		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
CCB	1.00	11:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X						
ZZZZZZ	20.00	12:09																														
ZZZZZZ	20.00	12:14																														
ZZZZZZ	20.00	12:19																														
ZZZZZZ	100.00	12:25																														
ZZZZZZ	20.00	12:30																														
ZZZZZZ	20.00	12:36																														
ZZZZZZ	20.00	12:45																														
ZZZZZZ	20.00	12:50																														
ZZZZZZ	20.00	12:56																														

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/1/2008 End Date: 10/1/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	
ZZZZZZ	20.00	13:01																										
CCV	1.00	13:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	13:15		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	20.00	13:20																										
ZZZZZZ	20.00	13:26																										
ZZZZZZ	1.00	13:31																										
ZZZZZZ	20.00	13:41																										
ZZZZZZ	20.00	13:47																										
ZZZZZZ	20.00	13:52																										
ZZZZZZ	1.00	13:57																										
ZZZZZZ	1.00	14:03																										
ZZZZZZ	1.00	14:08																										
ZZZZZZ	1.00	14:14																										
CCV	1.00	14:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	14:26		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	14:31																										
ZZZZZZ	1.00	14:37																										
ZZZZZZ	1.00	14:42																										
ZZZZZZ	1.00	15:12																										
ZZZZZZ	1.00	15:18																										
ZZZZZZ	1.00	15:23																										
ZZZZZZ	1.00	15:29																										
ZZZZZZ	1.00	15:34																										
ZZZZZZ	1.00	15:39																										
ZZZZZZ	1.00	15:45																										
CCV	1.00	15:52		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	15:57		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	16:02																										
ZZZZZZ	1.00	16:08																										
ZZZZZZ	5.00	16:13																										
ZZZZZZ	1.00	16:19																										
ZZZZZZ	1.00	16:24																										
ZZZZZZ	1.00	16:29																										

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

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ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/1/2008 End Date: 10/1/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	16:35																										
AD856117\MBLK	1.00	16:40		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
AD856116\LFB	1.00	16:46		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	16:51																										
CCV	1.00	16:58		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	17:03		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	17:09																										
MW-9	1.00	17:14		X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-4	1.00	17:20		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-6	1.00	17:25		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
FD-092408	1.00	17:30		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-8	1.00	17:36		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
EB-092408	1.00	17:41		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
MW-3	1.00	17:47		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	17:52																										
ZZZZZZ	1.00	17:57																										
CCV	1.00	18:04		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	18:10		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/2/2008 End Date: 10/2/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
STD BLK	1.00	16:57								X																				
STD 1	1.00	17:03																												
STD 2	1.00	17:08																												
STD 3	1.00	17:12								X																				
STD 3 VER	1.00	17:18								X																				
ICV	1.00	17:23								X																				
ICB	1.00	17:29								X																				
CRI	1.00	17:34								X																				
ICSA	1.00	17:39								X																				
ICSAB	1.00	17:45								X																				
CCV	1.00	17:52								X																				
CCB	1.00	17:57								X																				
ZZZZZZ	1.00	18:03																												
ZZZZZZ	5.00	18:08																												
ZZZZZZ	1.00	18:13																												
ZZZZZZ	1.00	18:19																												
ZZZZZZ	1.00	18:24																												
ZZZZZZ	1.00	18:30																												
ZZZZZZ	1.00	18:35																												
ZZZZZZ	1.00	18:40																												
ZZZZZZ	1.00	18:46																												
ZZZZZZ	1.00	18:51																												
CCV	1.00	18:58								X																				
CCB	1.00	19:03								X																				
ZZZZZZ	1.00	19:09																												
ZZZZZZ	1.00	19:14																												
ZZZZZZ	1.00	19:20																												
MW-9	5.00	19:25								X																				
ZZZZZZ	1.00	19:31																												
ZZZZZZ	1.00	19:36																												
ZZZZZZ	1.00	19:41																												
ZZZZZZ	5.00	19:47																												
ZZZZZZ	1.00	19:52																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 10/2/2008 End Date: 10/2/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	19:58																										
CCV	1.00	20:04								X																		
CCB	1.00	20:10								X																		

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/25/2008 End Date: 9/25/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	14:06																X									
ICB	1.00	14:07																X									
CRA	1.00	14:09																X									
CCV	1.00	14:11																X									
CCB	1.00	14:12																X									
ZZZZZZ	1.00	14:14																									
ZZZZZZ	1.00	14:15																									
ZZZZZZ	1.00	14:17																									
ZZZZZZ	1.00	14:18																									
ZZZZZZ	1.00	14:20																									
ZZZZZZ	1.00	14:21																									
ZZZZZZ	1.00	14:23																									
ZZZZZZ	1.00	14:25																									
ZZZZZZ	1.00	14:26																									
ZZZZZZ	1.00	14:28																									
CCV	1.00	14:29																X									
CCB	1.00	14:31																X									
ZZZZZZ	1.00	14:32																									
ZZZZZZ	1.00	14:34																									
MW-1-SOL	1.00	14:36																X									
MW-2-SOL	1.00	14:37																X									
ZZZZZZ	1.00	14:39																									
MW-2\MS-SOL	1.00	14:40																X									
MW-2\SD-SOL	1.00	14:42																X									
EB-092208-SOL	1.00	14:43																X									
ZZZZZZ	1.00	14:45																									
ZZZZZZ	1.00	14:47																									
CCV	1.00	14:49																X									
CCB	1.00	14:50																X									
AD854878\LCS	1.00	14:52																X									
AD854879\MBLK	1.00	14:53																X									
CRA	1.00	14:55																X									
CCV	1.00	14:57																X									

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/25/2008 End Date: 9/25/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
CCB	1.00	14:58																X												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICV	1.00	18:45																X												
ICB	1.00	18:47																X												
CRA	1.00	18:49																X												
CCV	1.00	18:50																X												
CCB	1.00	18:52																X												
ZZZZZZ	1.00	18:53																												
ZZZZZZ	1.00	18:55																												
MW-5-SOL	1.00	18:56																X												
EB-092308-SOL	1.00	18:58																X												
ZZZZZZ	1.00	19:00																												
ZZZZZZ	1.00	19:02																												
MW-4-SOL	1.00	19:03																X												
MW-6-SOL	1.00	19:05																X												
FD-092408-SOL	1.00	19:07																X												
MW-8-SOL	1.00	19:08																X												
CCV	1.00	19:10																X												
CCB	1.00	19:11																X												
EB-092408-SOL	1.00	19:13																X												
MW-3-SOL	1.00	19:14																X												
MW-9-SOL	1.00	19:16																X												
ZZZZZZ	1.00	19:17																												
ZZZZZZ	1.00	19:19																												
ZZZZZZ	1.00	19:21																												
ZZZZZZ	1.00	19:22																												
ZZZZZZ	1.00	19:24																												
ZZZZZZ	1.00	19:25																												
ZZZZZZ	1.00	19:26																												
CCV	1.00	19:28																X												
CCB	1.00	19:30																X												
ZZZZZZ	1.00	19:31																												
ZZZZZZ	1.00	19:33																												
ZZZZZZ	1.00	19:34																												
ZZZZZZ	1.00	19:36																												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: SAS No.: SDG No.: B653

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/29/2008 End Date: 9/29/2008

Sample ID.	D/F	Time	% R	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
AD855743\LCS	1.00	19:38																X										
AD855744\MBLK	1.00	19:40																X										
CRA	1.00	19:42																X										
CCV	1.00	19:43																X										
CCB	1.00	19:45																X										

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TESTAMERICA LABORATORIES

Rochester Gas & Electric
-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/30/2008 End Date: 9/30/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ICV	1.00	19:02																X												
ICB	1.00	19:03																X												
CRA	1.00	19:05																X												
CCV	1.00	19:07																X												
CCB	1.00	19:09																X												
MW-1	1.00	19:10																X												
MW-2	1.00	19:12																X												
ZZZZZZ	1.00	19:13																												
MW-2\MS	1.00	19:15																X												
MW-2\SD	1.00	19:17																X												
EB-092208	1.00	19:18																X												
ZZZZZZ	1.00	19:20																												
ZZZZZZ	1.00	19:22																												
ZZZZZZ	1.00	19:23																												
ZZZZZZ	1.00	19:25																												
CCV	1.00	19:26																X												
CCB	1.00	19:28																X												
ZZZZZZ	1.00	19:29																												
ZZZZZZ	1.00	19:31																												
MW-5	1.00	19:32																X												
EB-092308	1.00	19:34																X												
ZZZZZZ	1.00	19:35																												
MW-9	1.00	19:37																X												
MW-4	1.00	19:38																X												
MW-6	1.00	19:40																X												
FD-092408	1.00	19:42																X												
MW-8	1.00	19:43																X												
CCV	1.00	19:46																X												
CCB	1.00	19:47																X												
EB-092408	1.00	19:48																X												
MW-3	1.00	19:50																X												
AD856045\LCS	1.00	19:52																X												
AD856046\MBLK	1.00	19:53																X												

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TESTAMERICA LABORATORIES

Rochester Gas & Electric

-14-

ANALYSIS RUN LOG

Contract: NY02-227

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: B653

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 9/30/2008 End Date: 9/30/2008

Sample ID.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	19:55																												
ZZZZZZ	1.00	19:56																												
ZZZZZZ	1.00	19:58																												
ZZZZZZ	1.00	19:59																												
ZZZZZZ	1.00	20:01																												
ZZZZZZ	1.00	20:02																												
CCV	1.00	20:04																X												
CCB	1.00	20:06																X												

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Metals Raw Data

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TestAmerica Buffalo Analyst: TWS

Primary Review: TWS Date: 9/26/08 Secondary Review: GP Date: 9/26/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	2092508	TRACE1	09/25/08	10:45		X	IR
2	STD 1 12-115-C	2092508	TRACE1	09/25/08	10:50		X	IR
3	STD 2 12-115-D	2092508	TRACE1	09/25/08	10:55		X	IR
4	STD 3 12-115-B	2092508	TRACE1	09/25/08	11:00		X	IR
5	STD 3 VER 1	2092508	TRACE1	09/25/08	11:05	TWS	B	CONC
6	ICV 12-119-E	2092508	TRACE1	09/25/08	11:10	TWS	Q	CONC
7	ICB 12-115-A	2092508	TRACE1	09/25/08	11:15	TWS	B	CONC
8	CRI 12-120-A	2092508	TRACE1	09/25/08	11:20	TWS	B	CONC
9	ICSA 12-124-B	2092508	TRACE1	09/25/08	11:25	TWS	Q	CONC
10	ICSAB 12-124-C	2092508	TRACE1	09/25/08	11:30	TWS	Q	CONC
11	CCV 12-119-F	2092508	TRACE1	09/25/08	11:38	TWS	Q	CONC
12	CCB 12-115-A	2092508	TRACE1	09/25/08	11:43	TWS	B	CONC
13	AD854697/PB	2092508	TRACE1	09/25/08	11:54	TWS	S	CONC
14	AD854696/CLPSL	2092508	TRACE1	09/25/08	11:59	TWS	S	CONC
15	AD854899 B1094	2092508	TRACE1	09/25/08	12:05	TWS	S	CONC
16	AD854900	2092508	TRACE1	09/25/08	12:10	TWS	S	CONC
17	AD854923/PB	2092508	TRACE1	09/25/08	12:18	TWS	S	CONC
18	AD854922/FB	2092508	TRACE1	09/25/08	12:23	TWS	S	CONC
19	AD854901 B1210	2092508	TRACE1	09/25/08	12:29	TWS	S	CONC
20	AD854902	2092508	TRACE1	09/25/08	12:34	TWS	S	CONC
21	AD854516/(1:5) B1508	2092508	TRACE1	09/25/08	12:39	TWS	S	CONC
22	AD854510/(1:5) B1489	2092508	TRACE1	09/25/08	12:44	TWS	S	CONC
23	CCV	2092508	TRACE1	09/25/08	12:52	TWS	Q	CONC
24	CCB	2092508	TRACE1	09/25/08	12:57	TWS	B	CONC
25	AD854518/(1:5) B1570	2092508	TRACE1	09/25/08	13:02	TWS	S	CONC
26	AD854520/(1:10) B1571	2092508	TRACE1	09/25/08	13:07	TWS	S	CONC
27	AD854263/(1:5) B1620	2092508	TRACE1	09/25/08	13:12	TWS	S	CONC
28	AD854265/(1:5)	2092508	TRACE1	09/25/08	13:17	TWS	S	CONC
29	AD854903 B1680	2092508	TRACE1	09/25/08	13:24	TWS	S	CONC
30	AD854904	2092508	TRACE1	09/25/08	13:29	TWS	S	CONC
31	AD854905	2092508	TRACE1	09/25/08	13:34	TWS	S	CONC
32	AD854906	2092508	TRACE1	09/25/08	13:39	TWS	S	CONC
33	AD854907	2092508	TRACE1	09/25/08	13:44	TWS	S	CONC
34	AD854908	2092508	TRACE1	09/25/08	13:49	TWS	S	CONC
35	CCV	2092508	TRACE1	09/25/08	13:57	TWS	Q	CONC
36	CCB	2092508	TRACE1	09/25/08	14:02	TWS	B	CONC
37	AD854909	2092508	TRACE1	09/25/08	14:07	TWS	S	CONC
38	AD854910 B1681	2092508	TRACE1	09/25/08	14:12	TWS	S	CONC
39	AD854911	2092508	TRACE1	09/25/08	14:20	TWS	S	CONC
40	AD854912	2092508	TRACE1	09/25/08	14:25	TWS	S	CONC
41	AD854913	2092508	TRACE1	09/25/08	14:30	TWS	S	CONC
42	AD854914	2092508	TRACE1	09/25/08	14:35	TWS	S	CONC
43	AD854915 B1723	2092508	TRACE1	09/25/08	14:40	TWS	S	CONC
44	AD854915/L (1:5)	2092508	TRACE1	09/25/08	14:45	TWS	S	CONC
45	AD854915/PS	2092508	TRACE1	09/25/08	14:50	TWS	S	CONC
46	AD854916/MS	2092508	TRACE1	09/25/08	14:55	TWS	S	CONC
47	CCV	2092508	TRACE1	09/25/08	15:03	TWS	Q	CONC
48	CCB	2092508	TRACE1	09/25/08	15:08	TWS	B	CONC

* Data were re-printed after the completion of the run from sample AD854511/PS

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD854917/SD B723	2092508	TRACE1	09/25/08	15:13	TWS	S	CONC
50	AD854918	2092508	TRACE1	09/25/08	15:18	TWS	S	CONC
51	AD854919	2092508	TRACE1	09/25/08	15:35	TWS	S	CONC
52	AD854920	2092508	TRACE1	09/25/08	15:40	TWS	S	CONC
53	AD854921	2092508	TRACE1	09/25/08	15:45	TWS	S	CONC
54	AD854676 B1074	2092508	TRACE1	09/25/08	15:50	TWS	S	CONC
55	AD854677	2092508	TRACE1	09/25/08	15:55	TWS	S	CONC
56	AD854678	2092508	TRACE1	09/25/08	16:00	TWS	S	CONC
57	AD854679	2092508	TRACE1	09/25/08	16:05	TWS	S	CONC
58	AD854680	2092508	TRACE1	09/25/08	16:10	TWS	S	CONC
59	CCV	2092508	TRACE1	09/25/08	16:18	TWS	Q	CONC
60	CCB	2092508	TRACE1	09/25/08	16:23	TWS	B	CONC
61	AD854681	2092508	TRACE1	09/25/08	16:28	TWS	S	CONC
62	AD854682	2092508	TRACE1	09/25/08	16:33	TWS	S	CONC
63	AD854683	2092508	TRACE1	09/25/08	16:38	TWS	S	CONC
64	AD854684	2092508	TRACE1	09/25/08	16:43	TWS	S	CONC
65	AD854685	2092508	TRACE1	09/25/08	16:48	TWS	S	CONC
66	AD854686	2092508	TRACE1	09/25/08	16:53	TWS	S	CONC
67	AD854687	2092508	TRACE1	09/25/08	16:58	TWS	S	CONC
68	AD854687/L (1:5)	2092508	TRACE1	09/25/08	17:04	TWS	S	CONC
69	AD854687/PS	2092508	TRACE1	09/25/08	17:09	TWS	S	CONC
70	AD854688/MS	2092508	TRACE1	09/25/08	17:14	TWS	S	CONC
71	CCV	2092508	TRACE1	09/25/08	17:22	TWS	Q	CONC
72	CCB	2092508	TRACE1	09/25/08	17:27	TWS	B	CONC
73	AD854689/SD	2092508	TRACE1	09/25/08	17:32	TWS	S	CONC
74	AD854690	2092508	TRACE1	09/25/08	17:37	TWS	S	CONC
75	AD854691	2092508	TRACE1	09/25/08	17:42	TWS	S	CONC
76	AD854692	2092508	TRACE1	09/25/08	17:47	TWS	S	CONC
77	AD854693	2092508	TRACE1	09/25/08	17:52	TWS	S	CONC
78	AD854694	2092508	TRACE1	09/25/08	17:57	TWS	S	CONC
79	AD854695	2092508	TRACE1	09/25/08	18:02	TWS	S	CONC
80	AD854522/PB	2092508	TRACE1	09/25/08	18:10	TWS	S	CONC
81	AD854521/FB	2092508	TRACE1	09/25/08	18:15	TWS	S	CONC
82	AD854509 B1080	2092508	TRACE1	09/25/08	18:20	TWS	S	CONC
83	CCV	2092508	TRACE1	09/25/08	18:28	TWS	Q	CONC
84	CCB	2092508	TRACE1	09/25/08	18:33	TWS	B	CONC
85	AD854510 B1089	2092508	TRACE1	09/25/08	18:38	TWS	S	CONC
86	AD854511 B1092	2092508	TRACE1	09/25/08	18:43	TWS	S	CONC
87	AD854511/L (1:5)	2092508	TRACE1	09/25/08	18:48	TWS	S	CONC
88	AD854511/PS	2092508	TRACE1	09/25/08	18:53	TWS	S	CONC
89	AD854512/MS	2092508	TRACE1	09/25/08	18:58	TWS	S	CONC
90	AD854513/SD	2092508	TRACE1	09/25/08	19:04	TWS	S	CONC
91	AD854514	2092508	TRACE1	09/25/08	19:09	TWS	S	CONC
92	AD854675/PB	2092508	TRACE1	09/25/08	19:17	TWS	S	CONC
93	AD854674/LCS	2092508	TRACE1	09/25/08	19:22	TWS	S	CONC
94	AD854673/EBLK	2092508	TRACE1	09/25/08	19:27	TWS	S	CONC
95	CCV	2092508	TRACE1	09/25/08	19:35	TWS	Q	CONC
96	CCB	2092508	TRACE1	09/25/08	19:40	TWS	B	CONC
97	STD BLK	2092508	TRACE1	09/25/08	19:57		X	IR
98	STD 1	2092508	TRACE1	09/25/08	20:02		X	IR
99	STD 2	2092508	TRACE1	09/25/08	20:07		X	IR
100	STD 3	2092508	TRACE1	09/25/08	20:11		X	IR
101	STD 3 VER	2092508	TRACE1	09/25/08	20:16	TWS	B	CONC
102	ICV	2092508	TRACE1	09/25/08	20:21	TWS	Q	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICB	2092508	TRACE1	09/25/08	20:27	TWS	B	CONC
104	CRI	2092508	TRACE1	09/25/08	20:32	TWS	B	CONC
105	ICSA	2092508	TRACE1	09/25/08	20:37	TWS	Q	CONC
106	ICSAB	2092508	TRACE1	09/25/08	20:42	TWS	Q	CONC
107	CCV	2092508	TRACE1	09/25/08	20:50	TWS	Q	CONC
108	CCB	2092508	TRACE1	09/25/08	20:55	TWS	B	CONC
109	AD854657 B502	2092508	TRACE1	09/25/08	21:00	TWS	S	CONC
110	AD854658 B504	2092508	TRACE1	09/25/08	21:05	TWS	S	CONC
111	AD854659	2092508	TRACE1	09/25/08	21:10	TWS	S	CONC
112	AD854660	2092508	TRACE1	09/25/08	21:15	TWS	S	CONC
113	AD854661	2092508	TRACE1	09/25/08	21:20	TWS	S	CONC
114	AD854662	2092508	TRACE1	09/25/08	21:25	TWS	S	CONC
115	AD854663	2092508	TRACE1	09/25/08	21:30	TWS	S	CONC
116	AD854664 B506	2092508	TRACE1	09/25/08	21:35	TWS	S	CONC
117	AD854665	2092508	TRACE1	09/25/08	21:40	TWS	S	CONC
118	AD854666	2092508	TRACE1	09/25/08	21:45	TWS	S	CONC
119	CCV	2092508	TRACE1	09/25/08	21:53	TWS	Q	CONC
120	CCB	2092508	TRACE1	09/25/08	21:58	TWS	B	CONC
121	AD854667	2092508	TRACE1	09/25/08	22:03	TWS	S	CONC
122	AD854668	2092508	TRACE1	09/25/08	22:08	TWS	S	CONC
123	AD854669	2092508	TRACE1	09/25/08	22:14	TWS	S	CONC
124	AD854669/L (1:5)	2092508	TRACE1	09/25/08	22:19	TWS	S	CONC
125	AD854669/PS	2092508	TRACE1	09/25/08	22:24	TWS	S	CONC
126	AD854670/MS	2092508	TRACE1	09/25/08	22:29	TWS	S	CONC
127	AD854671/SD	2092508	TRACE1	09/25/08	22:34	TWS	S	CONC
128	AD854672 B507	2092508	TRACE1	09/25/08	22:39	TWS	S	CONC
129	A8B47201/SOL B172	2092508	TRACE1	09/25/08	22:47	TWS	S	CONC
130	A8B47204/SOL	2092508	TRACE1	09/25/08	22:52	TWS	S	CONC
131	CCV	2092508	TRACE1	09/25/08	23:00	TWS	Q	CONC
132	CCB	2092508	TRACE1	09/25/08	23:05	TWS	B	CONC
133	AD854944/PB	2092508	TRACE1	09/25/08	23:10	TWS	S	CONC
134	AD854943/CLPSL	2092508	TRACE1	09/25/08	23:15	TWS	S	CONC
135	AD854924 B606	2092508	TRACE1	09/25/08	23:20	TWS	S	CONC
136	AD854925	2092508	TRACE1	09/25/08	23:25	TWS	S	CONC
137	AD854926	2092508	TRACE1	09/25/08	23:30	TWS	S	CONC
138	AD854927	2092508	TRACE1	09/25/08	23:35	TWS	S	CONC
139	AD854928	2092508	TRACE1	09/25/08	23:41	TWS	S	CONC
140	AD854929	2092508	TRACE1	09/25/08	23:46	TWS	S	CONC
141	AD854930	2092508	TRACE1	09/25/08	23:51	TWS	S	CONC
142	AD854931	2092508	TRACE1	09/25/08	23:56	TWS	S	CONC
143	CCV	2092508	TRACE1	09/26/08	00:04	TWS	Q	CONC
144	CCB	2092508	TRACE1	09/26/08	00:09	TWS	B	CONC
145	AD854932	2092508	TRACE1	09/26/08	00:14	TWS	S	CONC
146	AD854933 B710	2092508	TRACE1	09/26/08	00:19	TWS	S	CONC
147	AD854934 B729	2092508	TRACE1	09/26/08	00:24	TWS	S	CONC
148	AD854934/L (1:5)	2092508	TRACE1	09/26/08	00:29	TWS	S	CONC
149	AD854934/PS	2092508	TRACE1	09/26/08	00:34	TWS	S	CONC
150	AD854935/MS	2092508	TRACE1	09/26/08	00:39	TWS	S	CONC
151	AD854936/SD	2092508	TRACE1	09/26/08	00:44	TWS	S	CONC
152	AD854937	2092508	TRACE1	09/26/08	00:50	TWS	S	CONC
153	AD854938	2092508	TRACE1	09/26/08	00:55	TWS	S	CONC
154	AD854939	2092508	TRACE1	09/26/08	01:00	TWS	S	CONC
155	CCV	2092508	TRACE1	09/26/08	01:08	TWS	Q	CONC
156	CCB	2092508	TRACE1	09/26/08	01:13	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD854940 B729	2092508	TRACE1	09/26/08	01:18	TWS	S	CONC
158	AD854941	2092508	TRACE1	09/26/08	01:23	TWS	S	CONC
159	AD854942	2092508	TRACE1	09/26/08	01:28	TWS	S	CONC
160	AD854756/PB	2092508	TRACE1	09/26/08	01:36	TWS	S	CONC
161	AD854755/FB	2092508	TRACE1	09/26/08	01:41	TWS	S	CONC
162	AD854737/PB	2092508	TRACE1	09/26/08	01:46	TWS	S	CONC
163	AD854736/FB	2092508	TRACE1	09/26/08	01:51	TWS	S	CONC
164	AD854715 B602Q	2092508	TRACE1	09/26/08	01:56	TWS	S	CONC
165	AD854716	2092508	TRACE1	09/26/08	02:01	TWS	S	CONC
166	AD854717	2092508	TRACE1	09/26/08	02:07	TWS	S	CONC
167	CCV	2092508	TRACE1	09/26/08	02:15	TWS	Q	CONC
168	CCB	2092508	TRACE1	09/26/08	02:20	TWS	B	CONC
169	AD854718 B628	2092508	TRACE1	09/26/08	02:25	TWS	S	CONC
170	AD854719	2092508	TRACE1	09/26/08	02:30	TWS	S	CONC
171	AD854720 B653	2092508	TRACE1	09/26/08	02:35	TWS	S	CONC
172	AD854721	2092508	TRACE1	09/26/08	02:40	TWS	S	CONC
173	AD854721/L (1:5)	2092508	TRACE1	09/26/08	02:45	TWS	S	CONC
174	AD854721/PS	2092508	TRACE1	09/26/08	02:50	TWS	S	CONC
175	AD854722/MS	2092508	TRACE1	09/26/08	02:55	TWS	S	CONC
176	AD854723/SD	2092508	TRACE1	09/26/08	03:00	TWS	S	CONC
177	AD854724	2092508	TRACE1	09/26/08	03:05	TWS	S	CONC
178	AD854725 B659	2092508	TRACE1	09/26/08	03:10	TWS	S	CONC
179	CCV	2092508	TRACE1	09/26/08	03:18	TWS	Q	CONC
180	CCB	2092508	TRACE1	09/26/08	03:24	TWS	B	CONC
181	STD BLK	2092508	TRACE1	09/26/08	03:41		X	IR
182	STD 1	2092508	TRACE1	09/26/08	03:46		X	IR
183	STD 2	2092508	TRACE1	09/26/08	03:50		X	IR
184	STD 3	2092508	TRACE1	09/26/08	03:55		X	IR
185	STD 3 VER	2092508	TRACE1	09/26/08	04:00	TWS	B	CONC
186	ICV	2092508	TRACE1	09/26/08	04:05	TWS	Q	CONC
187	ICB	2092508	TRACE1	09/26/08	04:10	TWS	B	CONC
188	CRI	2092508	TRACE1	09/26/08	04:15	TWS	B	CONC
189	ICSA	2092508	TRACE1	09/26/08	04:20	TWS	Q	CONC
190	ICSAB	2092508	TRACE1	09/26/08	04:25	TWS	Q	CONC
191	CCV	2092508	TRACE1	09/26/08	04:33	TWS	Q	CONC
192	CCB	2092508	TRACE1	09/26/08	04:38	TWS	B	CONC
193	AD854726	2092508	TRACE1	09/26/08	04:44	TWS	S	CONC
194	AD854727	2092508	TRACE1	09/26/08	04:49	TWS	S	CONC
195	AD854728	2092508	TRACE1	09/26/08	04:54	TWS	S	CONC
196	AD854729	2092508	TRACE1	09/26/08	04:59	TWS	S	CONC
197	AD854730	2092508	TRACE1	09/26/08	05:04	TWS	S	CONC
198	AD854731	2092508	TRACE1	09/26/08	05:09	TWS	S	CONC
199	AD854732	2092508	TRACE1	09/26/08	05:14	TWS	S	CONC
200	AD854733 B660	2092508	TRACE1	09/26/08	05:19	TWS	S	CONC
201	AD854734 B684	2092508	TRACE1	09/26/08	05:24	TWS	S	CONC
202	AD854735	2092508	TRACE1	09/26/08	05:29	TWS	S	CONC
203	CCV	2092508	TRACE1	09/26/08	05:37	TWS	Q	CONC
204	CCB	2092508	TRACE1	09/26/08	05:42	TWS	B	CONC
205	AD854780/PB	2092508	TRACE1	09/26/08	05:48	TWS	S	CONC
206	AD854779/FB	2092508	TRACE1	09/26/08	05:53	TWS	S	CONC
207	AD854757 B647	2092508	TRACE1	09/26/08	05:58	TWS	S	CONC
208	AD854758 B650	2092508	TRACE1	09/26/08	06:03	TWS	S	CONC
209	AD854759 B660	2092508	TRACE1	09/26/08	06:08	TWS	S	CONC
210	AD854760 B662	2092508	TRACE1	09/26/08	06:13	TWS	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD854761 Blk02	2092508	TRACE1	09/26/08	06:18	TWS	S	CONC
212	AD854762 Blk03	2092508	TRACE1	09/26/08	06:23	TWS	S	CONC
213	AD854763	2092508	TRACE1	09/26/08	06:28	TWS	S	CONC
214	AD854764	2092508	TRACE1	09/26/08	06:33	TWS	S	CONC
215	CCV	2092508	TRACE1	09/26/08	06:41	TWS	Q	CONC
216	CCB	2092508	TRACE1	09/26/08	06:46	TWS	B	CONC
217	AD854764/L (1:5)	2092508	TRACE1	09/26/08	06:51	TWS	S	CONC
218	AD854764/PS	2092508	TRACE1	09/26/08	06:57	TWS	S	CONC
219	AD854765/MS	2092508	TRACE1	09/26/08	07:02	TWS	S	CONC
220	AD854766/SD	2092508	TRACE1	09/26/08	07:07	TWS	S	CONC
221	AD854767	2092508	TRACE1	09/26/08	07:12	TWS	S	CONC
222	AD854768	2092508	TRACE1	09/26/08	07:17	TWS	S	CONC
223	AD854769	2092508	TRACE1	09/26/08	07:22	TWS	S	CONC
224	AD854770	2092508	TRACE1	09/26/08	07:27	TWS	S	CONC
225	AD854771 Blk06	2092508	TRACE1	09/26/08	07:32	TWS	S	CONC
226	AD854772	2092508	TRACE1	09/26/08	07:37	TWS	S	CONC
227	CCV	2092508	TRACE1	09/26/08	07:45	TWS	Q	CONC
228	CCB	2092508	TRACE1	09/26/08	07:50	TWS	B	CONC
229	AD854774	2092508	TRACE1	09/26/08	07:55	TWS	S	CONC
230	AD854775	2092508	TRACE1	09/26/08	08:00	TWS	S	CONC
231	AD854776	2092508	TRACE1	09/26/08	08:06	TWS	S	CONC
232	AD854777	2092508	TRACE1	09/26/08	08:11	TWS	S	CONC
233	AD854778	2092508	TRACE1	09/26/08	08:16	TWS	S	CONC
234	AD854773 Blk07	2092508	TRACE1	09/26/08	08:21	TWS	S	CONC
235	AD854773/(1:10)	2092508	TRACE1	09/26/08	08:29	TWS	S	CONC
236	CCV	2092508	TRACE1	09/26/08	08:37	TWS	Q	CONC
237	CCB	2092508	TRACE1	09/26/08	08:42	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.13162	4.43767	21.6456	44.0464	51.211	19.357
2	As1890	.11206	1.29309	6.09999	12.2307	1.0226	.37330
3	B_2496	.01843	.41664	2.0289	4.09883	1.0188	.37950
4	Ba4934	.00337	.73312	3.65466	7.40865	1.0158	.38276
5	Be3130	.11777	1.63625	7.70136	15.351	1.0050	.37641
6	Ca3179	.034			43.3215	50.249	18.831
7	Cd2265	.00744	1.98575	9.76152	19.5936	1.0061	.37713
8	Co2286	-.00337	.84718	4.25167	8.58401	1.0130	.37366
9	Cr2677	.00095	.66657	3.31832	6.70655	1.0171	.39181
10	Cu3247	.00562	.501	2.48891	5.05855	1.0200	.37236
11	Fe2714	-.00043	.74641	3.72182	7.52709	50.866	18.929
12	K_7664	-.1086			151.485	50.581	19.319
13	Mg2790	.0051			22.3029	49.902	18.699
14	Mn2576	.00051	.40031	1.99489	4.02741	1.0114	.38239
15	Na3302	.00389			2.41576	50.162	18.751
16	Ni2316	-.01038	.66744	3.35224	6.78238	1.0165	.38548
17	2203/1	.0115	.55616	2.71931	5.44374	1.0071	.38198
18	2203/2	.02042	2.97693	14.7348	29.7456	1.0103	.38042
19	Sb2068	-.00501	.19259	.97587	1.96207	1.0088	.38356
20	1960/1	-.07546	.33488	1.92234	3.9029	1.0002	.38273
21	1960/2	.04179	.51517	2.408	4.80425	1.0169	.38229
22	Ti3372	-.00432	1.15055	5.78658	11.7542	1.0219	.39265
23	Tl1908	-.02371	.34272	1.79739	3.68938	1.0114	.38655
24	V_2924	.0006	.08913	.4455	.90453	1.0240	.37894
25	Zn2062	.00112	.08687	.42563	.85029	1.0022	.38180
26	Sn1899	-.00155	.06159	.31569	.64379	1.0205	.38944
27	Ag3280	-.03885	.6221	3.27102	6.69453	1.0208	.38008
28	Mo2020	-.00017	.27043	1.35127	2.73916	1.0148	.37956
29	*Y	5777.78	5755.5	5761.95	5675.85	5638.58	5697.38
30	PB2203					1.0092	.38094
31	SE1960					1.0113	.38243

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01442	.21086	519.53	563.71	25.971	.03395
2	As1890	-.00184	.00897	-.00006	.11806	.50275	-.00109
3	B_2496	.00177	.02062	.00303	.02526	.50782	.00187
4	Ba4934	.00013	.00201	.00069	.56750	.51513	.00007
5	Be3130	.00019	.00190	.00046	.52412	.50776	.00014
6	Ca3179	.01013	.47620	507.04	551.75	25.353	.02542
7	Cd2265	-.00014	.00079	-.00081	1.0548	.50861	-.00024
8	Co2286	.00007	.00361	-.00010	.51763	.50439	.00017
9	Cr2677	.00000	.00493	-.00001	.54500	.52674	.00047
10	Cu3247	-.00016	.00931	-.00191	.55507	.50189	-.00016
11	Fe2714	.00240	.04851	196.97	105.92	25.435	.00879
12	K_7664	.01546	.49967	.04367	.02312	25.672	.01432
13	Mg2790	.01114	.20567	501.75	533.16	25.091	.03317
14	Mn2576	.00015	.00304	-.00010	.52799	.51460	.00013
15	Na3302	.12886	1.1228	.21365	.12656	25.096	.11766
16	Ni2316	-.00019	.00957	.00085	1.0298	.51652	.00062
17	2203/1	.00023	.00763	.02535	.07904	.51235	.00263
18	2203/2	-.00033	.00313	-.01533	.03780	.51288	-.00228

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00459	.02347	.00356	.68775	.52029	.00410
20	1960/1	.00300	.01948	.00077	.06117	.51579	.00812
21	1960/2	-.00013	.01529	.00215	.05468	.51899	.00328
22	Ti3372	.00046	.00484	.00016	.00200	.53057	.00009
23	Tl1908	.00257	.02144	-.00346	.11166	.51829	.00137
24	V_2924	.00000	.00497	.00031	.55377	.50808	-.00037
25	Zn2062	-.00041	.01067	-.00350	1.0317	.51407	-.00010
26	Sn1899	.00054	.00953	.00266	.00219	.52680	.00068
27	Ag3280	-.00009	.00291	.00058	.23211	.51138	.00000
28	Mo2020	.00111	.01138	.00029	.00155	.51096	.00108
29	*Y	5776.58	5866.2	5367.68	5053.5	5594.7	5767.35
30	PB2203	-.00014	.00463	-.00178	.05154	.51270	-.00064
31	SE1960	.00091	.01669	.00169	.05684	.51792	.00489

#	Element	AD8'7/PB	AD8'LPSL	AD854899	AD854900	AD8'3/PB	AD8'2/FB
1	Al3082	.00292	77.658	30.203	7.8782	.00770	9.5522
2	As1890	-.00152	1.1154	.01217	.00526	.00029	.19381
3	B_2496	.00006	1.1451	.01517	.00831	.00406	.18957
4	Ba4934	.00007	L1.8254	.04429	.01871	-.00002	.19167
5	Be3130	-.00045	L.95366	-.00016	-.00016	-.00057	.18550
6	Ca3179	.05357	80.001	4.6659	.79978	.03802	9.3508
7	Cd2265	-.00016	.85625	-.00010	-.00004	-.00020	.18884
8	Co2286	-.00035	1.1070	.00033	-.00027	-.00025	.18776
9	Cr2677	.00049	1.9108	.11580	.04877	.00079	.18986
10	Cu3247	.00005	L1.2900	.01111	.00404	-.00056	.18566
11	Fe2714	.00842	135.49	45.455	12.993	.00245	9.4605
12	K_7664	.04371	44.701	1.5268	.74157	.01778	9.9407
13	Mg2790	.01233	38.912	.42558	.17667	.00646	9.2654
14	Mn2576	.00025	4.2154	.02908	.00851	.00007	.18825
15	Na3302	.08306	6.8428	.28368	.28271	.16056	9.5453
16	Ni2316	-.00055	1.0254	.00438	.00082	.00034	.18916
17	2203/1	.00251	1.3872	.10171	.05301	.00165	.19299
18	2203/2	-.00111	1.3902	.09666	.04628	-.00149	.18906
19	Sb2068	.00206	.55367	.00312	.00325	.00336	.19297
20	1960/1	.00288	.80839	.00854	.00441	.00898	.19221
21	1960/2	-.00080	.81198	.00931	.00108	-.00427	.18952
22	Ti3372	.00033	4.3933	1.4327	.69175	.00029	.18785
23	Tl1908	.00156	1.3354	.00170	.00213	.00227	.19380
24	V_2924	-.00066	1.0282	.09553	.03946	-.00031	.18740
25	Zn2062	.00781	2.3272	.02318	.01261	.00109	.18820
26	Sn1899	H.03110	.89423	.02285	.01471	.00058	.19308
27	Ag3280	-.00026	.68193	.00019	.00013	-.00031	.04708
28	Mo2020	.00099	.95229	.00873	.00358	.00158	.18958
29	*Y	6158.55	6500.03	6113.55	6022.88	6303	6079.2
30	PB2203	.00009	1.3892	.09834	.04852	-.00044	.19037
31	SE1960	.00042	.81078	.00905	.00219	.00014	.19042

#	Element	AD854901	AD854902	AD8'1:5)	AD8'1:5)	CCV	CCB
1	Al3082	25.092	22.205	.03523	13.173	25.008	.01134
2	As1890	.01017	.01080	.00671	.05500	.48532	.00000
3	B_2496	.05419	.04216	2.8752	2.5837	.49618	.00289
4	Ba4934	.21579	.39866	.02706	1.1145	.49862	.00005
5	Be3130	.00065	.00051	.00046	.00071	.49502	.00004
6	Ca3179	128.09	92.410	13.889	200.27	24.464	.02035
7	Cd2265	.00494	.00006	.05577	.01233	.49198	-.00030
8	Co2286	.01391	.01223	.04848	.04941	.48887	-.00030
9	Cr2677	.03273	.02959	.00245	.15451	.50854	.00036
10	Cu3247	.03278	.03246	9.2024	.62040	.48351	.00017
11	Fe2714	37.424	31.150	-.00023	59.098	24.497	-.00156
12	K_7664	8.8123	7.8492	H503.85	125.64	24.886	.01252
13	Mg2790	41.726	25.618	4.7475	33.175	24.465	.02661
14	Mn2576	.65801	.56715	.47194	1.4547	.49914	.00012
15	Na3302	9.2342	3.3876	H3430.9	246.78	24.369	.14429
16	Ni2316	.04050	.03553	.18464	.17218	.49796	.00022
17	2203/1	.01812	.01971	.00100	.27597	.49858	.00226
18	2203/2	.01551	.01666	.00078	.27415	.49886	-.00189
19	Sb2068	.00270	.00217	.00372	.03185	.49900	.00424
20	1960/1	.00738	.00871	.01024	.01091	.49738	.00664
21	1960/2	-.00073	.00417	.00032	.00565	.50283	-.00228
22	Ti3372	.68065	.51187	-.00012	.28889	.51015	-.00021
23	Tl1908	-.00010	.00279	-.00038	.00097	.49914	-.00028
24	V_2924	.04269	.03761	-.00046	.04265	.49007	-.00067
25	Zn2062	.08568	.08990	.86200	H15.168	.50147	.00037
26	Sn1899	.00384	.00320	-.00389	.06585	.50508	.00058
27	Ag3280	-.00008	.00013	.00150	.00226	.49439	-.00045
28	Mo2020	.00863	.00701	1.0785	.31779	.49785	.00106
29	*Y	6092.85	6158.1	4973.1	5694.38	5790	5876.1
30	PB2203	.01638	.01767	.00085	.27475	.49877	-.00050
31	SE1960	.00197	.00568	.00363	.00741	.50101	.00068

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD854903	AD854904
1	Al3082	.06229	.11211	.01311	.04991	.05031	.07988
2	As1890	.00882	.01743	.00424	.01940	.00421	.00932
3	B_2496	2.8047	1.3842	.40064	1.1057	.89837	3.1225
4	Ba4934	.02635	.01324	.05218	.08446	.18631	.20058
5	Be3130	.00033	.00018	-.00010	.00006	.00018	.00023
6	Ca3179	13.679	7.8003	62.839	25.596	127.89	135.40
7	Cd2265	.06603	.02552	-.00030	-.00026	-.00018	.00034
8	Co2286	.05842	.79140	.00301	.00358	.00751	.03193
9	Cr2677	.00253	.00463	.00220	.01702	.00279	.00594
10	Cu3247	9.5250	7.3430	.00187	.00140	.00155	.00311
11	Fe2714	.01174	.06660	2.1254	2.6536	.45665	.93525
12	K_7664	H485.44	304.97	6.1091	59.975	119.14	220.15
13	Mg2790	4.5835	3.6667	13.009	18.920	170.11	185.43
14	Mn2576	.45015	.74829	1.1667	.28525	.71036	.80599
15	Na3302	H3398.8	H2318.7	156.97	203.77	H667.27	H767.54
16	Ni2316	.20584	1.6669	.01551	.01746	.08749	.09729
17	2203/1	.00229	.03547	.00364	.00307	.00278	.00194
18	2203/2	.00158	.03547	-.00003	-.00038	-.00009	-.00093

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD854903	AD854904
19	Sb2068	.00735	.00223	.00270	.00796	.00325	.00583
20	1960/1	.00213	.01094	.00281	.00806	.01214	.01190
21	1960/2	.00219	-.00166	.00313	-.00128	.00116	-.00025
22	Ti3372	-.00024	.00006	.00061	.00881	.00137	.00227
23	Tl1908	.00282	.00079	.00178	.00232	.00087	-.00159
24	V_2924	-.00008	-.00043	-.00014	.00482	.00021	.00121
25	Zn2062	1.0419	8.8834	.00427	.01066	.00856	.03082
26	Sn1899	-.00698	-.00522	.00105	.00500	.00044	.00099
27	Ag3280	.00363	.17236	-.00021	-.00017	-.00034	-.00041
28	Mo2020	1.0058	.04107	.00471	.00469	.00117	.00362
29	*Y	5051.48	5520.6	5897.7	5745.38	5635.35	5583.83
30	PB2203	.00182	.03547	.00119	.00076	.00086	.00002
31	SE1960	.00217	.00253	.00302	.00182	.00482	.00380

#	Element	AD854905	AD854906	AD854907	AD854908	CCV	CCB
1	Al3082	.08921	7.2950	.08988	.35483	24.954	.01035
2	As1890	.03468	.03168	.05117	.01323	.48530	-.00075
3	B_2496	7.7636	1.2548	.58968	2.6699	.49607	.00563
4	Ba4934	1.4819	.11974	.35017	.14712	.49734	.00026
5	Be3130	-.00022	.00030	-.00030	-.00004	.49542	.00019
6	Ca3179	56.335	214.66	104.14	101.69	24.415	.03309
7	Cd2265	-.00019	.00088	-.00003	.00007	.48923	.00016
8	Co2286	.03379	.00450	.00765	.00402	.48743	.00022
9	Cr2677	.01616	.01551	.10301	.00811	.50748	.00035
10	Cu3247	.00194	.02463	.06309	.00771	.48351	.00065
11	Fe2714	1.3874	24.912	12.914	25.455	24.444	.00878
12	K_7664	399.09	21.920	44.784	72.237	24.846	.03570
13	Mg2790	74.502	42.168	21.876	93.744	24.373	.04041
14	Mn2576	.25655	2.0955	2.0562	2.0628	.49739	.00045
15	Na3302	H1103.4	34.679	27.428	174.55	24.164	.22433
16	Ni2316	.26058	.01326	.06235	.03211	.49665	.00017
17	2203/1	.00205	.02683	.00226	.00316	.49463	.00214
18	2203/2	-.00070	.02567	-.00056	.00061	.49775	-.00011
19	Sb2068	.00641	.00488	.00269	.00594	.49178	.00410
20	1960/1	.01439	.00886	.00814	.00947	.48997	.00518
21	1960/2	.00322	-.00079	.00003	-.00123	.49307	.00364
22	Ti3372	.00786	.25429	.00650	.01475	.50937	.00006
23	Tl1908	-.00022	.00591	.00157	.00299	.49437	.00263
24	V_2924	.00774	.01765	.00260	.01459	.48870	-.00028
25	Zn2062	.00874	.09002	.01294	.01593	.49871	.00081
26	Sn1899	.00362	.00424	.00064	.00283	.50425	.00040
27	Ag3280	-.00003	-.00041	-.00056	-.00051	.49344	-.00037
28	Mo2020	.00895	.00257	.01730	-.00006	.49227	.00144
29	*Y	5776.95	5989.28	6010.43	5836.88	5790.23	5757.68
30	PB2203	.00021	.02606	.00037	.00146	.49671	.00063
31	SE1960	.00694	.00242	.00274	.00233	.49203	.00415

#	Element	AD854909	AD854910	AD854911	AD854912	AD854913	AD854914
1	Al3082	.05127	.01077	.04281	.01716	.02640	.01354
2	As1890	.01096	.00735	.52389	.00943	.01167	.01420
3	B_2496	3.2762	.19432	.11608	.79192	.20927	1.3243
4	Ba4934	.27290	.57882	.04652	.15075	.20912	.09428
5	Be3130	-.00032	-.00016	.00024	-.00015	-.00023	-.00026
6	Ca3179	50.274	159.92	20.486	71.743	103.64	159.36
7	Cd2265	.00028	-.00024	.00030	-.00027	-.00028	-.00034
8	Co2286	.00010	.00289	.00467	.00077	.00131	.00178
9	Cr2677	.00168	.00238	.00288	.00210	.01016	.00193
10	Cu3247	.00577	.00010	.01132	.00025	.00074	-.00003
11	Fe2714	.50150	16.965	.54403	.22915	3.6769	21.096
12	K_7664	19.730	15.472	15.055	42.554	11.521	26.561
13	Mg2790	40.818	85.299	5.9534	33.486	46.290	53.647
14	Mn2576	.07651	3.4475	.09954	.94492	1.7725	7.4014
15	Na3302	85.527	87.113	H943.71	H467.39	146.22	110.73
16	Ni2316	.00203	.02744	.04529	.01014	.01242	.00485
17	2203/1	.00361	.00294	.00138	.00156	-.00260	.00163
18	2203/2	-.00092	-.00093	-.00079	-.00168	-.00002	-.00213
19	Sb2068	.00350	.00266	.07269	.00791	.00704	.00498
20	1960/1	.00627	.00925	.01187	.00759	.00838	.00890
21	1960/2	-.00053	-.00101	.00494	.00043	.00005	-.00048
22	Ti3372	.00176	.00070	.00178	.00010	.00500	.00109
23	Tl1908	.00362	.00414	-.00056	.00126	.00285	.00321
24	V_2924	.00349	-.00028	.04291	.00147	.00148	.00623
25	Zn2062	.00945	.00566	.02145	.00313	.03479	.00126
26	Sn1899	.00064	.00801	.00105	.00090	.00346	.00278
27	Ag3280	-.00036	-.00060	-.00054	-.00037	.00028	-.00092
28	Mo2020	.00972	.00094	2.9914	.89601	.00363	.00100
29	*Y	6045.08	5923.05	5485.73	5886.9	6001.58	5932.95
30	PB2203	.00058	.00035	-.00006	-.00060	-.00088	-.00088
31	SE1960	.00173	.00240	.00725	.00282	.00282	.00264

#	Element	AD854915	AD8'1:5)	AD8'5/PS	AD8'6/MS	CCV	CCB
1	Al3082	.50745	.10614	10.399	10.023	25.425	.01276
2	As1890	.00275	.00023	.19387	.19621	.49064	.00070
3	B_2496	.05164	.01219	.24521	.23673	.49988	.00151
4	Ba4934	.05380	.01092	.25122	.24584	.50500	.00012
5	Be3130	-.00024	-.00010	.18914	.18663	.50164	.00007
6	Ca3179	132.80	27.097	140.15	142.29	24.627	.02383
7	Cd2265	-.00020	-.00036	.18746	.18511	.49387	-.00004
8	Co2286	.00217	.00031	.18764	.18654	.49228	-.00013
9	Cr2677	.23839	.04934	.42063	.39863	.51352	-.00006
10	Cu3247	.01233	.00210	.19770	.19685	.49200	.00059
11	Fe2714	5.9137	1.2213	15.217	15.151	24.698	.00241
12	K_7664	2.5891	.50467	12.995	12.627	25.157	.01853
13	Mg2790	49.904	10.132	58.636	59.309	24.657	.03183
14	Mn2576	.43816	.09008	.61967	.61187	.50325	.00023
15	Na3302	9.1530	1.7736	18.819	18.558	24.620	.06681
16	Ni2316	.03334	.00675	.21868	.21402	.50048	.00057
17	2203/1	.00164	.00168	.18675	.18743	.50243	.00256
18	2203/2	-.00063	-.00029	.18675	.18677	.50077	-.00156

#	Element	AD854915	AD8'1:5)	AD8'5/PS	AD8'6/MS	CCV	CCB
19	Sb2068	.00409	.00557	.19479	.19233	.50296	.00352
20	1960/1	.00980	.00692	.19777	.19333	.50133	.00739
21	1960/2	-.00077	.00053	.19288	.19264	.50054	.00039
22	Ti3372	.01944	.00378	.20872	.20427	.51668	-.00004
23	Tl1908	.00136	-.00012	.18935	.18754	.50144	.00449
24	V_2924	.00133	.00005	.18896	.18746	.49354	-.00066
25	Zn2062	.01251	.00257	.19600	.19411	.50209	-.00032
26	Sn1899	-.00014	-.00098	.16033	.19243	.51223	-.00050
27	Ag3280	-.00001	-.00034	.04729	.04775	.50093	-.00038
28	Mo2020	.00266	.00092	.19150	.18791	.50125	.00104
29	*Y	6001.35	5919	6009.98	5947.73	5639.48	5838.98
30	PB2203	.00012	.00036	.18675	.18699	.50132	-.00018
31	SE1960	.00275	.00266	.19451	.19287	.50080	.00272

#	Element	AD8'7/SD	AD854918	AD854919	AD854920	AD854921	AD854676
1	Al3082	10.241	1.1124	3.0821	.38264	.18816	36.626
2	As1890	.19924	.00129	.01845	.00180	.00256	.01832
3	B_2496	.24254	.70938	2.7792	2.8562	.57960	.02363
4	Ba4934	.25131	.43666	.82191	1.0468	.28198	.19179
5	Be3130	.18986	.00000	-.00001	.00000	-.00019	.00121
6	Ca3179	143.85	129.13	93.815	203.96	121.26	40.692
7	Cd2265	.18765	-.00018	-.00028	-.00016	-.00049	-.00030
8	Co2286	.18955	.00076	.00315	.00107	.00214	.03863
9	Cr2677	.40690	.00547	.00763	.00428	.00108	.05062
10	Cu3247	.20046	.00579	.00719	-.00028	.00140	.06467
11	Fe2714	15.421	8.6404	12.812	6.9201	14.494	83.126
12	K_7664	12.897	16.092	70.547	27.100	48.602	6.0170
13	Mg2790	60.088	78.668	124.26	116.84	61.550	26.574
14	Mn2576	.62690	.25604	.13806	.12136	.68111	1.0388
15	Na3302	18.764	56.641	216.14	266.56	33.298	.83467
16	Ni2316	.21760	.01156	.02778	.03351	.00461	.09959
17	2203/1	.18819	.00524	.00709	.00191	.00200	.07828
18	2203/2	.18821	.00048	.00236	-.00021	-.00136	.07260
19	Sb2068	.19505	.00377	.00459	.00100	.00399	.00336
20	1960/1	.19764	.00662	.00372	.00469	.00271	.00313
21	1960/2	.19436	-.00159	-.00030	-.00226	-.00104	.00009
22	Ti3372	.20598	.04776	.11789	.01577	.00778	.42566
23	Tl1908	.19495	.00199	-.00059	.00130	.00018	-.00017
24	V_2924	.19002	.00205	.00645	.00197	-.00024	.05672
25	Zn2062	.19548	.00812	.01769	.00242	.01963	.30607
26	Sn1899	.19653	.00172	.00063	.00145	.00249	.01989
27	Ag3280	.04832	.00005	-.00031	-.00026	-.00059	-.00055
28	Mo2020	.19116	.00134	.00247	.00205	.00078	.00553
29	*Y	5870.78	5914.2	5855.4	5799.08	5966.85	6241.35
30	PB2203	.18820	.00206	.00393	.00049	-.00024	.07449
31	SE1960	.19545	.00114	.00103	.00005	.00020	.00110

#	Element	AD854677	AD854678	AD854679	AD854680	CCV	CCB
1	Al3082	35.212	44.100	48.026	27.540	25.156	.02279
2	As1890	.03749	.07708	.04023	.11806	.48837	-.00085
3	B_2496	.02215	.08505	.02838	.12343	.49425	.00196
4	Ba4934	.18291	.27228	.26519	.21769	.49892	.00017
5	Be3130	.00121	.00281	.00208	.00263	.49397	.00015
6	Ca3179	51.545	485.84	50.520	723.97	24.426	.05207
7	Cd2265	.00009	.00189	-.00004	.00111	.49382	.00007
8	Co2286	.04146	.03356	.05201	.02881	.48875	.00010
9	Cr2677	.04863	.06631	.06961	.07920	.50762	.00060
10	Cu3247	.06039	.23624	.11420	.25257	.48561	-.00005
11	Fe2714	90.656	108.99	118.21	145.95	24.500	.01736
12	K_7664	5.6830	10.553	6.7811	11.934	24.889	.03265
13	Mg2790	34.026	186.64	30.667	376.23	24.289	.04243
14	Mn2576	1.3852	2.2260	3.0084	4.0390	.49773	.00045
15	Na3302	.37270	2.5000	.76787	1.3351	24.349	.12569
16	Ni2316	.09217	.09165	.12180	.07023	.49822	.00035
17	2203/1	.10651	.77709	.36313	2.8379	.49393	.00229
18	2203/2	.10282	.77836	.35658	2.8888	.49835	-.00120
19	Sb2068	.00593	.00632	.00376	.00992	.50043	.00562
20	1960/1	.00204	.01044	.00379	.00907	.49840	.00315
21	1960/2	.00355	.00581	.00188	.00936	.49647	.00201
22	Ti3372	.43677	.85864	.60120	.40923	.51144	.00029
23	Tl1908	-.00334	-.00024	.00017	-.00060	.49922	.00150
24	V_2924	.05670	.08891	.07617	.06627	.49019	-.00038
25	Zn2062	.34465	1.0066	.54383	.41616	.49617	.00008
26	Sn1899	.02329	.41420	.01921	.04282	.50796	.00029
27	Ag3280	.00283	.00094	-.00012	.00069	.49522	.00006
28	Mo2020	.00345	.00521	.00641	.00584	.49141	.00174
29	*Y	6225.53	6143.4	6120.9	5980.95	5699.55	5814.08
30	PB2203	.10405	.77794	.35876	2.8718	.49688	-.00003
31	SE1960	.00304	.00735	.00252	.00927	.49711	.00239

#	Element	AD854681	AD854682	AD854683	AD854684	AD854685	AD854686
1	Al3082	31.573	34.406	21.219	39.869	23.667	46.607
2	As1890	.04142	.03331	.02919	.26941	.05845	.10964
3	B_2496	.03098	.02789	.02797	.03506	.02927	.05368
4	Ba4934	.21487	.18317	.18421	.44071	.19920	.27841
5	Be3130	.00126	.00121	.00073	.00287	.00089	.00209
6	Ca3179	245.04	162.37	238.56	355.93	30.127	81.874
7	Cd2265	-.00012	-.00009	-.00030	L-.00302	.00259	.00100
8	Co2286	.05063	.03789	.02442	.09876	.02584	.04671
9	Cr2677	.08460	.05068	.03330	.07206	.04856	.07889
10	Cu3247	.29155	1.3912	.09018	1.3634	.25292	.24196
11	Fe2714	98.150	83.247	67.221	565.42	114.44	134.28
12	K_7664	5.4271	4.8501	4.6294	6.3464	3.7154	7.2236
13	Mg2790	54.639	29.029	126.47	27.558	15.695	50.455
14	Mn2576	1.7892	.73374	2.2022	1.0242	.85472	2.1944
15	Na3302	1.2302	4.6610	.63316	2.4779	.80094	1.0552
16	Ni2316	.08343	.15165	.05704	.22669	.08645	.15347
17	2203/1	.23564	.17317	.08316	.50079	.67876	1.8227
18	2203/2	.23118	.16749	.07865	.49865	.67884	1.8369

#	Element	AD854681	AD854682	AD854683	AD854684	AD854685	AD854686
19	Sb2068	.00631	.00219	.00486	.06275	.00810	.01016
20	1960/1	.00620	.00457	.00151	.04630	.00975	.01273
21	1960/2	.00226	.00575	-.00166	.04704	.00886	.01229
22	Ti3372	.59493	.48347	.36748	1.1486	.59785	.70448
23	Tl1908	.00161	-.00249	.00039	-.00966	.00019	-.00006
24	V_2924	.05755	.06529	.04261	.13569	.05290	.16815
25	Zn2062	.80793	.31830	.23658	.35740	.79124	.90367
26	Sn1899	.05102	.04428	.03080	H7.8410	.04981	.07134
27	Ag3280	.00033	.00028	.00026	.00112	.00069	.00170
28	Mo2020	.00438	.00474	.00255	.06692	.00818	.00617
29	*Y	6188.18	6292.8	6345.38	5959.43	6221.93	6256.73
30	PB2203	.23267	.16938	.08015	.49936	.67881	1.8321
31	SE1960	.00357	.00536	-.00060	.04679	.00916	.01243

#	Element	AD854687	AD8'1:5)	AD8'7/PS	AD8'8/MS	CCV	CCB
1	Al3082	40.831	9.7696	57.986	57.176	24.927	.00728
2	As1890	.02726	.00492	.37919	.37213	.48362	.00127
3	B_2496	.03275	.00937	.39422	.37755	.49057	.00186
4	Ba4934	.20205	.04868	.56617	.54338	.49516	.00000
5	Be3130	.00132	.00065	.35088	.34701	.48979	.00011
6	Ca3179	47.884	10.833	63.613	62.909	24.231	.00128
7	Cd2265	-.00088	-.00032	.35203	.34844	.49284	-.00008
8	Co2286	.03818	.00876	.38654	.38532	.48549	.00005
9	Cr2677	.05571	.01380	.40309	.40350	.50452	.00033
10	Cu3247	.08136	.01778	.42639	.42818	.48115	-.00011
11	Fe2714	88.222	20.185	102.54	100.79	24.384	.00010
12	K_7664	4.4788	1.1600	23.453	21.326	24.783	.00456
13	Mg2790	32.686	7.4138	49.138	49.586	24.151	.01128
14	Mn2576	.78682	.17820	1.1103	1.1228	.49420	.00017
15	Na3302	3.3641	.78382	21.378	21.096	24.128	.17439
16	Ni2316	.12639	.02847	.47029	.48142	.49619	.00038
17	2203/1	.06705	.01595	.40824	.41020	.49181	.00321
18	2203/2	.05888	.01333	.40459	.40733	.49305	-.00302
19	Sb2068	.00949	.00313	.34976	.21828	.50294	.00533
20	1960/1	.00394	.00624	.34456	.33956	.49531	.00377
21	1960/2	.00095	.00027	.35103	.34253	.49909	-.00025
22	Ti3372	.49982	.14654	.83396	.77877	.50890	-.00011
23	Tl1908	-.00055	.00026	.35225	.35014	.50048	.00006
24	V_2924	.06435	.01526	.41584	.41209	.48658	-.00028
25	Zn2062	.24875	.05672	.58573	.57703	.49266	-.00051
26	Sn1899	.02621	.00394	.32265	.34231	.50689	.00028
27	Ag3280	.00011	-.00005	.08940	.08971	.49190	-.00008
28	Mo2020	.00307	.00155	.35930	.34822	.49056	.00124
29	*Y	6285.9	5687.7	6249.45	6196.12	5721.08	5789.4
30	PB2203	.06160	.01420	.40581	.40829	.49264	-.00094
31	SE1960	.00195	.00226	.34887	.34153	.49783	.00109

#	Element	AD8'9/SD	AD854690	AD854691	AD854692	AD854693	AD854694
1	Al3082	55.318	15.838	30.901	45.515	78.479	46.770
2	As1890	.38043	.08458	.05484	.10058	.15298	.10651
3	B_2496	.38847	.06545	.13867	.15848	.10897	.12505
4	Ba4934	.55004	.33812	.30530	.75818	1.0671	.61745
5	Be3130	.34812	.00151	.00220	.00415	.00623	.00337
6	Ca3179	91.595	729.17	609.60	894.99	374.35	626.83
7	Cd2265	.34803	.00007	.00094	.00306	.00320	.00347
8	Co2286	.38677	.02705	.03334	.02576	.05528	.03869
9	Cr2677	.40291	.08616	.06856	.06861	.17138	.08413
10	Cu3247	.44375	.26694	.39879	.41350	.35630	.24885
11	Fe2714	142.78	327.36	97.621	88.471	145.37	122.67
12	K_7664	21.401	5.8446	12.940	7.6361	12.153	12.323
13	Mg2790	59.581	262.05	185.46	356.20	186.47	213.58
14	Mn2576	1.3918	3.1518	2.5577	3.6042	2.0490	3.5640
15	Na3302	21.566	1.7583	.95542	1.7797	2.2900	1.1325
16	Ni2316	.47271	.08101	.08906	.07210	.18136	.11824
17	2203/1	.43341	.24450	.97715	.60445	.85130	1.2395
18	2203/2	.43071	.24363	.98129	.60741	.85520	1.2456
19	Sb2068	.21522	.01125	.01225	.00701	.00767	.00428
20	1960/1	.33844	.00277	.00444	.00590	.02049	.00716
21	1960/2	.34035	.00384	.00339	.00199	.01284	.00554
22	Ti3372	.77348	.42860	.52255	1.7537	2.7477	.89903
23	Tl1908	.34979	-.00478	-.00004	.00236	-.00106	.00004
24	V_2924	.41401	.04162	.06570	.11959	.66681	.40283
25	Zn2062	.60241	.40777	.62347	1.5455	2.1090	1.1343
26	Sn1899	.34150	.05138	.07529	.03925	.04469	.04338
27	Ag3280	.09079	.00004	.00668	.00025	.00219	.00191
28	Mo2020	.35216	.00593	.00609	.00690	.01461	.00819
29	*Y	6141.98	5940.75	6102.68	6006	6240.6	6110.62
30	PB2203	.43161	.24392	.97991	.60642	.85390	1.2435
31	SE1960	.33971	.00348	.00374	.00329	.01539	.00608

#	Element	AD854695	AD8'2/PB	AD8'1/FB	AD854509	CCV	CCB
1	Al3082	48.620	.06108	9.6637	.17911	24.635	.01540
2	As1890	.06952	-.00002	.19553	.01440	.47925	.00012
3	B_2496	.07924	.00605	.19670	6.6116	.49257	.00543
4	Ba4934	.53681	.00020	.19426	1.0923	.49026	.00011
5	Be3130	.00292	-.00049	.18957	-.00021	.48610	.00022
6	Ca3179	453.95	.09327	9.4179	322.68	23.917	.00917
7	Cd2265	.00190	-.00010	.19286	-.00009	.48739	.00007
8	Co2286	.03540	-.00004	.19101	.00928	.48056	.00004
9	Cr2677	.07525	.00011	.19072	.03115	.49797	.00061
10	Cu3247	.29863	-.00044	.18698	.00697	.47516	-.00064
11	Fe2714	105.76	.01216	9.5479	72.589	24.101	.00068
12	K_7664	9.5090	.02099	9.9004	127.59	24.516	.01887
13	Mg2790	197.88	.03399	9.3688	67.730	23.966	.01769
14	Mn2576	3.1167	H.00037	.19085	6.9466	.49125	.00028
15	Na3302	.98656	.09787	9.5040	329.76	23.892	.04813
16	Ni2316	.09100	.00000	.19040	.09475	.48867	-.00014
17	2203/1	1.7221	.00221	.19256	.01230	.48801	.00172
18	2203/2	1.7297	-.00013	.19092	.00779	.48436	-.00264

#	Element	AD854695	AD8'2/PB	AD8'1/FB	AD854509	CCV	CCB
19	Sb2068	.00839	.00182	.19391	.01107	.49725	.00468
20	1960/1	.01111	.00730	.19958	.00943	.49446	.00641
21	1960/2	.00567	.00197	.19027	-.00079	.48905	-.00115
22	Ti3372	1.2046	H.00325	.18971	.02128	.50214	-.00015
23	Tl1908	-.00193	.00082	.19551	.00338	.49673	.00493
24	V_2924	.14620	-.00084	.18861	.01791	.48078	-.00057
25	Zn2062	.95431	.00159	.19097	1.1854	.48940	.00020
26	Sn1899	.06554	.00006	.19844	.00957	.50098	.00027
27	Ag3280	.00176	-.00040	.04783	-.00036	.48603	-.00028
28	Mo2020	.00543	.00059	.19030	.00381	.48854	.00128
29	*Y	6060.08	6233.48	6025.12	6106.58	5744.7	5750.25
30	PB2203	1.7272	.00064	.19147	.00929	.48558	-.00118
31	SE1960	.00748	.00375	.19337	.00261	.49085	.00136

#	Element	AD854510	AD854511	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD
1	Al3082	40.398	.03567	.01608	10.093	9.8785	9.4977
2	As1890	.16578	.00121	-.00011	.19528	.20041	.19332
3	B_2496	7.9212	.05055	.01460	.24094	.23723	.22850
4	Ba4934	3.3840	.07733	.01578	.27838	.27651	.26542
5	Be3130	.00161	-.00001	-.00003	.19175	.19142	.18541
6	Ca3179	581.58	97.572	19.940	106.79	108.46	103.84
7	Cd2265	.03626	-.00026	-.00020	.19218	.19231	.18587
8	Co2286	.14392	-.00023	-.00007	.18962	.19096	.18534
9	Cr2677	.44459	.00033	.00031	.19068	.19209	.18516
10	Cu3247	1.8925	.00192	-.00046	.19184	.19485	.18751
11	Fe2714	171.60	.74888	.14556	10.329	10.375	10.034
12	K_7664	380.04	2.6401	.49413	13.562	13.374	12.840
13	Mg2790	96.906	16.842	3.4436	26.352	26.627	25.588
14	Mn2576	4.2024	.08242	.01684	.27399	.27611	.26633
15	Na3302	H673.41	124.58	25.589	134.85	137.14	130.83
16	Ni2316	.48859	.00230	.00043	.19129	.19170	.18604
17	2203/1	.78638	.00227	.00147	.19152	.19269	.18540
18	2203/2	.79374	-.00163	-.00149	.18888	.19134	.18570
19	Sb2068	.07582	.00459	.00120	.19929	.19679	.19255
20	1960/1	.01848	.00601	.00565	.19824	.20011	.19113
21	1960/2	.00243	-.00341	-.00060	.19136	.19686	.18686
22	Ti3372	.79434	.00001	.00047	.19175	.19177	.18574
23	Tl1908	-.00301	.00178	-.00101	.19786	.19588	.19097
24	V_2924	.12628	-.00058	-.00048	.19187	.19105	.18510
25	Zn2062	H40.443	.02164	.00500	.20683	.20493	.19932
26	Sn1899	.19792	.00221	-.00111	.16369	.19932	.19343
27	Ag3280	.00741	-.00014	-.00018	.04813	.04903	.04745
28	Mo2020	.92090	.00310	.00091	.19441	.19375	.18769
29	*Y	5961.3	5873.85	5840.62	5870.55	5807.92	5888.48
30	PB2203	.79129	-.00033	-.00050	.18976	.19179	.18560
31	SE1960	.00778	-.00027	.00148	.19365	.19794	.18828

#	Element	AD854514	AD8'5/PB	AD8'/LCS	AD8'EBLK	CCV	CCB
1	Al3082	.14848	.03982	.08320	.07903	24.610	.01223
2	As1890	.00880	-.00049	1.0770	-.00112	.47983	-.00096
3	B_2496	5.0746	.00898	.25733	H.25391	.48954	.00268
4	Ba4934	.79521	.00004	1.1308	H.07690	.48803	.00009
5	Be3130	-.00050	-.00038	1.0230	.00079	.48307	.00017
6	Ca3179	247.17	.13351	1.8716	H1.8432	23.841	.00512
7	Cd2265	-.00053	-.00014	1.0933	-.00009	.48850	-.00007
8	Co2286	.00897	-.00016	1.0061	-.00028	.47906	-.00029
9	Cr2677	.02825	.00044	1.0462	.00254	.49592	.00006
10	Cu3247	.00387	-.00057	1.0723	.00126	.47261	-.00063
11	Fe2714	67.402	.00134	.08832	.00680	24.076	.00414
12	K_7664	102.63	.01545	1.8715	H1.8358	24.513	.00669
13	Mg2790	51.786	.01209	.38033	H.37908	23.983	.01033
14	Mn2576	5.9085	.00032	1.0645	.00153	.49083	.00015
15	Na3302	264.51	.01434	1367.0	H1354.3	23.778	-.01707
16	Ni2316	.09056	.00019	1.0499	.00145	.48696	-.00017
17	2203/1	.00491	.00161	.99252	.01059	.48839	.00052
18	2203/2	.00450	-.00226	.99573	.00697	.48786	.00117
19	Sb2068	.00561	.00404	.95029	.00528	.49901	.00329
20	1960/1	.01324	.00396	1.1078	.01138	.49466	.00433
21	1960/2	-.00312	-.00029	1.1028	-.00228	.48889	.00535
22	Ti3372	.01894	.00006	.00028	.00040	.50165	.00008
23	Tl1908	.00657	.00003	1.0741	.00118	.49756	.00155
24	V_2924	.01409	-.00048	1.0615	-.00077	.47954	-.00018
25	Zn2062	1.0855	.00116	1.1628	H.07673	.48839	.00029
26	Sn1899	.00502	.00091	.00240	.00137	.49926	.00204
27	Ag3280	-.00034	-.00031	1.0532	-.00001	.48422	-.00015
28	Mo2020	.00333	.00018	1.0566	.00416	.48883	.00000
29	*Y	6271.5	6123.45	5264.48	5251.73	5740.95	5787.6
30	PB2203	.00464	-.00097	.99466	H.00818	.48803	.00095
31	SE1960	.00233	.00112	1.1045	.00227	.49081	.00501

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.13257	4.23431	21.2071	42.7802	51.520	Q19.692
2	As1890	.10615	1.24648	6.01984	11.902	1.0256	.37840
3	B_2496	.01967	.40402	1.99822	3.97999	1.0255	.38513
4	Ba4934	.00205	.69475	3.56161	7.16084	1.0262	.39115
5	Be3130	.11743	1.56121	7.46694	14.716	1.0182	.38604
6	Ca3179	.03361			41.9659	50.380	19.036
7	Cd2265	.00461	1.94756	9.71701	19.199	1.0033	.37817
8	Co2286	-.01137	.8145	4.18143	8.32374	1.0144	.37873
9	Cr2677	.00102	.63709	3.24936	6.4995	1.0216	Q.39805
10	Cu3247	.00256	.46805	2.42363	4.89497	1.0340	.38268
11	Fe2714	-.00256	.71737	3.65902	7.31132	50.905	19.130
12	K_7664	-.07257			149.364	50.252	19.271
13	Mg2790	.00804			21.4369	50.437	19.075
14	Mn2576	.00085	.38475	1.94743	3.8889	1.0175	.38795
15	Na3302	.00025			2.33716	50.496	19.148
16	Ni2316	-.0124	.64244	3.31545	6.59528	1.0148	.38844
17	2203/1	.04191	.54968	2.67972	5.25742	1.0182	.38666
18	2203/2	-.02423	2.84274	14.407	28.581	1.0123	.38776

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	Sb2068	.00581	.19275	.97359	1.94163	1.0181	.38630
20	1960/1	-.03283	.32233	1.89278	3.813	1.0340	.39354
21	1960/2	.02618	.50728	2.3352	4.66746	1.0045	.38086
22	Ti3372	-.01103	1.09609	5.69835	11.451	1.0259	Q.39770
23	Tl1908	-.01557	.33557	1.80708	3.61945	1.0245	.38875
24	V_2924	-.00025	.08489	.43735	.87981	1.0266	.38361
25	Zn2062	.00068	.08372	.41701	.82093	1.0051	.38752
26	Sn1899	-.00239	.05992	.31371	.62694	1.0115	.39129
27	Ag3280	-.0449	.58589	3.19589	6.48813	1.0291	.38818
28	Mo2020	.00171	.26691	1.33117	2.66427	1.0151	.38359
29	*Y	5845.65	5966.18	5779.12	5758.05	5688.23	5674.12
30	PB2203					1.0142	.38740
31	SE1960					1.0143	.38508

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01453	.21182	562.60	558.30	25.320	.01897
2	As1890	-.00139	.00970	.00189	.11578	.48855	-.00012
3	B_2496	.00282	.02279	.00389	.02480	.49804	.00244
4	Ba4934	.00040	.00222	.00096	.56652	.50714	.00029
5	Be3130	.00035	.00209	.00108	.52501	.50258	.00019
6	Ca3179	.01197	.48475	554.79	542.98	24.583	.01880
7	Cd2265	.00014	.00095	-.00125	1.0310	.48885	-.00004
8	Co2286	.00078	.00460	.00083	.51137	.49012	.00092
9	Cr2677	.00073	.00462	-.00063	.53869	.51294	.00040
10	Cu3247	.00038	.00957	-.00220	.55653	.49568	.00075
11	Fe2714	.02409	.06497	213.33	104.08	24.608	.02224
12	K_7664	.02316	.48619	.02679	.01770	24.784	.00191
13	Mg2790	.01281	.20705	548.77	531.67	24.693	.01971
14	Mn2576	.00014	.00311	-.00039	.52346	.50364	.00012
15	Na3302	.22311	1.0795	.23444	.36523	24.755	.18096
16	Ni2316	.00057	.01050	.00089	1.0109	.49917	.00027
17	2203/1	-.00237	.00059	.02512	.07975	.50175	-.00364
18	2203/2	.00012	.00670	-.01417	.03518	.49918	-.00075
19	Sb2068	.00097	.02130	-.00057	.67700	.50153	.00070
20	1960/1	-.00633	.01114	-.01233	.04782	.51117	-.00421
21	1960/2	.00398	.01582	.00888	.05034	.49819	.00212
22	Ti3372	.00094	.00531	.00082	.00234	.51654	.00036
23	Tl1908	.00214	.02034	-.00976	.10770	.49825	.00010
24	V_2924	.00071	.00547	.00137	.54568	.49304	.00041
25	Zn2062	.00075	.01129	-.00365	1.0197	.50020	.00063
26	Sn1899	.00186	.01039	.00674	.00552	.50354	.00187
27	Ag3280	.00108	.00390	.00162	.23107	.50330	.00055
28	Mo2020	.00084	.01059	-.00024	.00084	.49446	.00141
29	*Y	5702.4	5925.6	5106.08	5153.03	5757.98	5767.65
30	PB2203	-.00070	.00466	-.00108	.05002	.50004	-.00171
31	SE1960	.00054	.01426	.00181	.04950	.50251	.00001

#	Element	AD854657	AD854658	AD854659	AD854660	AD854661	AD854662
1	Al3082	1.3219	1.0570	2.2823	1.7481	.40228	.13356
2	As1890	.00389	.00554	.00804	.00356	.00198	.00520
3	B_2496	.24790	.21518	.39114	.58185	.21537	.19535
4	Ba4934	.65335	.78224	1.0173	.82664	.71451	.83184
5	Be3130	.00138	.00121	.00135	.00169	.00106	.00123
6	Ca3179	159.08	120.85	197.11	37.750	814.58	518.21
7	Cd2265	.00237	.00085	.00081	.00009	.00720	.00113
8	Co2286	.01348	.01150	.03466	.01505	.02168	.01855
9	Cr2677	.00206	.00168	.00307	.00412	.00085	.00058
10	Cu3247	.01310	.00309	.00552	.00598	.00792	.00113
11	Fe2714	1.2311	10.443	31.707	69.260	.55610	3.3370
12	K_7664	3.9604	3.7509	5.2189	4.0335	4.2403	4.7554
13	Mg2790	31.686	3.3906	6.5391	3.3968	10.017	11.797
14	Mn2576	3.8580	1.1504	8.7415	2.6751	4.5860	3.3028
15	Na3302	H1161.9	H1159.2	H1159.5	H1165.8	H1160.9	H1176.9
16	Ni2316	.01668	.01207	.03173	.02097	.05328	.02605
17	2203/1	.01475	.50474	.11220	.10564	.01381	.02707
18	2203/2	.01817	.51006	.11728	.10675	.01713	.03536
19	Sb2068	.00161	-.00054	-.00356	.00285	-.00075	-.00313
20	1960/1	-.00068	-.00169	.00068	-.00198	-.00233	-.00355
21	1960/2	.00406	.00866	.00891	.00287	.00460	.00805
22	Ti3372	.02640	.01789	.05744	.03123	.00882	.00191
23	Tl1908	-.00043	-.00236	-.00032	-.00088	.00018	-.00393
24	V_2924	.00244	.00192	.00383	.00260	.00094	.00078
25	Zn2062	.10872	.04471	.09823	.10995	.10117	.14605
26	Sn1899	.00300	.00525	.00344	.00432	.00133	.00331
27	Ag3280	.00000	.00066	.00007	.00056	-.00002	.00078
28	Mo2020	-.00043	.00013	.00160	-.00010	.00256	.00000
29	*Y	5306.7	5278.95	5295.53	5258.03	5313.98	5245.28
30	PB2203	.01703	.50829	.11559	.10638	.01602	.03260
31	SE1960	.00247	.00521	.00617	.00125	.00228	.00418

#	Element	AD854663	AD854664	AD854665	AD854666	CCV	CCB
1	Al3082	.69696	.25620	.43078	1.8458	25.311	.00514
2	As1890	.00099	.00706	.00721	.00538	.48696	.00063
3	B_2496	.54053	.14352	.15959	.23798	.49376	.00111
4	Ba4934	.87589	1.4454	1.2577	.97077	.50507	.00030
5	Be3130	.00144	.00127	.00158	.00150	.50064	.00012
6	Ca3179	60.372	553.04	149.35	62.451	24.427	.01660
7	Cd2265	.00044	.00313	.00078	.00027	.48160	.00010
8	Co2286	.01656	.01207	.01730	.02770	.48630	.00031
9	Cr2677	.00239	.00079	.00147	.00341	.51011	.00024
10	Cu3247	.01447	.00695	.00343	.00282	.49446	.00056
11	Fe2714	15.479	.48983	19.720	66.262	24.406	.01509
12	K_7664	3.3712	5.0422	3.5730	4.1058	24.679	.01247
13	Mg2790	15.444	8.8771	4.8857	10.838	24.703	.02015
14	Mn2576	1.4651	3.5646	3.0804	1.5027	.49992	.00016
15	Na3302	H1169.3	H1187.7	H1162.7	H1160.7	24.728	.07890
16	Ni2316	.01956	.01329	.02143	.04716	.49687	-.00016
17	2203/1	.01358	.04056	.02472	.01532	.49861	-.00115
18	2203/2	.02045	.04631	.03172	.01848	.49833	-.00177

#	Element	AD854663	AD854664	AD854665	AD854666	CCV	CCB
19	Sb2068	.00051	-.00139	.00000	.00008	.49859	-.00030
20	1960/1	-.00681	-.00073	-.00498	.00359	.50926	-.00447
21	1960/2	.00205	.00508	.00884	.00716	.49048	.00308
22	Ti3372	.00373	.00472	.00477	.03626	.51347	.00036
23	Tl1908	-.00282	-.00126	.00168	-.00221	.48988	-.00130
24	V_2924	.00073	.00143	.00085	.00388	.49057	.00001
25	Zn2062	.10474	.57811	.05162	.13970	.49757	.00010
26	Sn1899	.00452	.00240	.00349	.00588	.49604	.00175
27	Ag3280	.00069	.00029	.00043	.00033	.50173	.00046
28	Mo2020	.00017	.00042	-.00145	.00006	.49357	.00130
29	*Y	5259.6	5091.83	5300.25	5363.4	5747.03	5797.05
30	PB2203	.01816	.04440	.02939	.01743	.49842	-.00156
31	SE1960	-.00090	.00314	.00423	.00597	.49674	.00056

#	Element	AD854667	AD854668	AD854669	AD8'1:5)	AD8'9/PS	AD8'0/MS
1	Al3082	.41566	1.6049	.43148	.08390	.43042	.43199
2	As1890	.00709	.00611	.00765	-.00027	1.1497	1.0786
3	B_2496	.18064	.52789	.14827	.02684	.14675	.14610
4	Ba4934	.08880	.95698	.96337	.18053	2.1110	2.0266
5	Be3130	.00162	.00171	.00162	.00035	1.1180	1.0495
6	Ca3179	500.62	60.054	185.92	34.867	185.96	183.45
7	Cd2265	.00159	.00063	.00042	-.00011	1.1058	1.0621
8	Co2286	.02882	.01884	.01425	.00322	1.0706	1.0136
9	Cr2677	.00144	.00431	.00267	.00061	1.1253	1.0618
10	Cu3247	.00454	.00549	.00138	.00048	1.1167	1.1059
11	Fe2714	8.8370	54.781	49.740	9.4294	49.780	49.133
12	K_7664	4.6301	3.8636	3.4337	.46848	3.4139	3.3518
13	Mg2790	3.7783	10.050	12.659	2.4131	12.660	12.493
14	Mn2576	3.4286	2.6959	3.1675	.59845	4.2796	4.1772
15	Na3302	H1180.5	H1142.8	H1292.9	328.23	H1305.0	H1281.2
16	Ni2316	.05071	.02692	.02309	.00474	1.1165	1.0629
17	2203/1	.09898	.01605	.01948	-.00040	1.1293	1.0134
18	2203/2	.10472	.01988	.01904	.00558	1.1359	1.0139
19	Sb2068	-.00115	.00092	-.00200	-.00113	1.1361	.94371
20	1960/1	.00597	-.00072	.00410	-.00760	1.1953	1.1380
21	1960/2	.00373	.00518	.00703	.00237	1.1553	1.0958
22	Ti3372	.00332	.02790	.00181	.00060	.00183	.00228
23	Tl1908	-.00432	-.00191	-.00044	-.00186	1.1095	1.0556
24	V_2924	.00088	.00237	.00107	.00030	1.1363	1.0748
25	Zn2062	.19920	.10729	.04689	.00896	1.1740	1.1229
26	Sn1899	.00364	.00439	.00583	.00082	.00453	.00315
27	Ag3280	.00060	.00065	.00033	.00070	1.1766	1.0668
28	Mo2020	.00040	-.00030	.00129	-.00022	1.1345	1.0505
29	*Y	5271.75	5259.38	5268.38	5688.6	5175.6	5297.1
30	PB2203	.10281	.01860	.01919	.00358	1.1337	1.0138
31	SE1960	.00447	.00321	.00606	-.00094	1.1686	1.1098

#	Element	AD8'1/SD	AD854672	A8B'/SOL	A8B'/SOL	CCV	CCB
1	Al3082	.42725	1.2121	-.02062	-.01478	25.356	-.00847
2	As1890	1.0700	.00647	.01231	.49353	.49084	-.00078
3	B_2496	.14544	.55365	.00460	1.8337	.50133	.00197
4	Ba4934	2.0322	1.3389	.14385	.31373	.50775	.00022
5	Be3130	1.0456	.00144	-.00088	-.00094	.50812	.00004
6	Ca3179	183.21	273.81	73.984	46.988	24.707	.00461
7	Cd2265	1.0509	.00120	-.00018	-.00017	.49325	.00007
8	Co2286	1.0102	.02099	.00131	.00536	.49278	.00054
9	Cr2677	1.0613	.00286	.00016	.00328	.51666	.00044
10	Cu3247	1.1096	.00611	.00029	.00026	.49422	.00092
11	Fe2714	49.067	13.787	.54018	6.2661	24.694	.01627
12	K_7664	3.3670	15.842	4.0460	107.14	24.664	-.00615
13	Mg2790	12.457	17.071	49.890	81.221	25.028	.00272
14	Mn2576	4.1605	5.3923	.08994	.06178	.50632	.00000
15	Na3302	H1288.6	H1331.0	28.091	H503.70	24.536	.15855
16	Ni2316	1.0636	.03155	.00740	.07799	.50138	-.00012
17	2203/1	1.0074	.14894	-.00673	-.00910	.50453	-.00466
18	2203/2	1.0162	.15433	.00145	.00174	.50526	-.00035
19	Sb2068	.94253	.00255	-.00380	-.00038	.49999	.00109
20	1960/1	1.1254	.00026	.00351	.00418	.50866	-.00884
21	1960/2	1.0902	.00536	-.00196	.00429	.50511	.00543
22	Ti3372	.00191	.02422	-.00008	.00077	.51677	.00071
23	Tl1908	1.0391	.00142	-.00012	.00126	.49631	-.00139
24	V_2924	1.0751	.00270	.00047	.00195	.49442	.00051
25	Zn2062	1.1147	.05385	.00126	.00289	.50909	.00054
26	Sn1899	.00514	.00659	.00397	.00862	.50328	.00256
27	Ag3280	1.0707	.00088	.00089	.00084	.50349	.00055
28	Mo2020	1.0433	.00242	.00113	-.00074	.49804	.00080
29	*Y	5228.25	5118.23	6645.15	6477.15	5759.33	5722.58
30	PB2203	1.0133	.15254	-.00127	-.00187	.50502	-.00178
31	SE1960	1.1019	.00366	-.00013	.00425	.50629	.00067

#	Element	AD8'4/PB	AD8'LPSL	AD854924	AD854925	AD854926	AD854927
1	Al3082	-.00037	85.902	18.151	22.461	25.390	36.767
2	As1890	-.00137	1.3298	.01224	.04888	.02524	.04078
3	B_2496	.00229	1.5081	.08555	.09605	.01294	.40633
4	Ba4934	.00035	2.2838	.18763	.27428	.27423	.52742
5	Be3130	-.00035	1.2500	.00057	.00123	.00291	.00465
6	Ca3179	.06119	99.085	28.095	18.268	8.1321	10.649
7	Cd2265	.00020	1.1473	.00201	.00201	.00285	.00188
8	Co2286	.00061	1.4631	.00933	.00906	.00616	.01114
9	Cr2677	.00028	H2.6004	.05715	.06848	.05100	.06471
10	Cu3247	.00083	1.7446	.12419	.24649	.17839	.28362
11	Fe2714	.02875	141.40	36.762	42.930	36.227	39.543
12	K_7664	.03840	50.217	2.2503	1.7142	1.2846	1.6287
13	Mg2790	.00424	46.966	7.0336	5.5004	2.2826	3.5810
14	Mn2576	.00023	5.3634	.31079	.23981	.20637	.23403
15	Na3302	.12368	8.6929	1.0548	.82353	.70473	.59718
16	Ni2316	-.00023	1.4222	.02232	.02995	.02928	.03120
17	2203/1	-.00307	1.6805	.64954	3.7992	1.6617	2.2597
18	2203/2	.00028	1.6714	.64310	3.8054	1.6581	2.2437

#	Element	AD8'4/PB	AD8'LPSL	AD854924	AD854925	AD854926	AD854927
19	Sb2068	-.00280	.61585	.00585	.00461	.00147	.00640
20	1960/1	-.00411	1.0097	-.00798	-.00272	-.00216	-.00206
21	1960/2	.00503	.97353	.00891	.00724	.01097	.00835
22	Ti3372	.00087	4.7699	1.3667	1.1014	.96842	1.2334
23	Tl1908	-.00148	1.6239	.00025	.00067	-.00245	.00098
24	V_2924	.00059	1.2449	.07131	.07371	.06264	.08059
25	Zn2062	.00430	2.8438	.42715	.52543	.78021	.60100
26	Sn1899	H.03296	.97398	.03524	.06051	.09807	.21407
27	Ag3280	.00046	.85772	.00045	.00102	.00067	.00115
28	Mo2020	.00080	1.2951	.00504	.00379	.00518	.00652
29	*Y	6111.38	6446.55	6046.88	6082.8	6301.8	6642.83
30	PB2203	-.00083	1.6744	.64525	3.8033	1.6593	2.2490
31	SE1960	.00198	.98558	.00327	.00391	.00659	.00488

#	Element	AD854928	AD854929	AD854930	AD854931	CCV	CCB
1	Al3082	25.633	54.361	45.564	30.091	24.758	.01127
2	As1890	.02318	.05436	.03360	.05573	.47545	.00211
3	B_2496	.32934	.23943	.10497	.21336	.48095	.00034
4	Ba4934	.26937	.89700	.42425	.82642	.49039	.00033
5	Be3130	.00149	.00505	.00332	.00100	.48310	.00008
6	Ca3179	18.384	11.581	15.446	104.46	24.036	.01246
7	Cd2265	.00175	.00016	.00373	.00181	.47323	.00006
8	Co2286	.01501	.01054	.02539	.01908	.47434	.00049
9	Cr2677	.08708	.10141	.11733	.10862	.50010	.00051
10	Cu3247	.18860	.40519	.28796	.37025	.47984	.00059
11	Fe2714	48.707	61.609	82.161	96.414	23.984	.02630
12	K_7664	1.7452	2.4458	4.0428	3.3184	24.851	.00577
13	Mg2790	9.7995	6.1874	8.9674	11.903	24.126	.01087
14	Mn2576	.32185	.22400	.42076	.82616	.48886	.00014
15	Na3302	1.0461	1.0296	1.7101	1.6258	23.974	.33167
16	Ni2316	.03930	.03515	.05978	.05256	.48483	.00036
17	2203/1	1.1869	3.0307	2.1308	.86372	.48737	-.00297
18	2203/2	1.1860	2.9831	2.1112	.85900	.48856	.00085
19	Sb2068	.00147	.00333	.00630	.01801	.48093	-.00163
20	1960/1	-.00593	.00035	-.00024	.00263	.49633	-.00583
21	1960/2	.01198	.01098	.01034	.01125	.48146	-.00016
22	Ti3372	1.9277	1.6751	2.2893	2.3723	.50259	.00090
23	Tl1908	-.00264	-.00347	-.00161	-.00122	.48626	-.00078
24	V_2924	.11524	.12424	.15820	.15929	.48228	.00031
25	Zn2062	.38032	.54455	1.9811	1.3766	.48776	.00041
26	Sn1899	.06932	.15437	.16344	.05707	.48807	.00299
27	Ag3280	.00082	.00264	.00208	.00128	.49164	.00086
28	Mo2020	.00991	.00872	.00525	.01523	.48190	.00103
29	*Y	6264.38	6270.38	6381.3	6133.05	5900.78	5840.85
30	PB2203	1.1863	2.9990	2.1177	.86058	.48816	-.00041
31	SE1960	.00600	.00743	.00681	.00837	.48641	-.00205

#	Element	AD854932	AD854933	AD854934	AD8'1:5)	AD8'4/PS	AD8'5/MS
1	Al3082	9.4455	113.48	22.783	6.0675	40.817	39.162
2	As1890	.03426	.08246	.04247	.00707	.39947	.40498
3	B_2496	.00642	.02898	.11128	.02867	.47988	.44592
4	Ba4934	2.7726	.60690	.17892	.04242	.55825	.54119
5	Be3130	.00083	.00403	.00185	.00066	.35625	.35126
6	Ca3179	3.6785	31.374	907.75	199.17	881.18	H1382.2
7	Cd2265	-.00114	L-.00197	-.00052	-.00015	.33705	.33486
8	Co2286	.01091	.09977	.03230	.00779	.37193	.36673
9	Cr2677	.03829	.15444	.03669	.00978	.38822	.38786
10	Cu3247	.18836	.15298	.10212	.02286	.46386	.46844
11	Fe2714	194.06	233.79	65.121	15.052	79.422	89.126
12	K_7664	2.7107	11.441	12.433	2.9592	32.434	29.033
13	Mg2790	.56667	40.103	109.69	24.730	122.67	168.21
14	Mn2576	.28955	3.4469	2.8359	.64825	3.0555	3.5971
15	Na3302	.62913	.70027	.91868	.30804	20.543	19.947
16	Ni2316	.03346	.23793	.06911	.01562	.40630	.39969
17	2203/1	.15950	.09504	.06714	.01192	.41467	.43632
18	2203/2	.16263	.08890	.07485	.01648	.41379	.44407
19	Sb2068	.01798	.00416	-.00258	-.00069	.35332	.16986
20	1960/1	.00228	-.00665	-.00458	-.00728	.35115	.34039
21	1960/2	.02382	.00667	.00180	.00315	.34706	.34781
22	Ti3372	1.7237	.63012	.28542	.10781	.63318	.55045
23	Tl1908	-.00113	.00013	-.00215	.00007	.34420	.34219
24	V_2924	.10907	.14886	.04037	.01107	.39962	.39980
25	Zn2062	.43270	.49393	.19176	.04559	.52146	.55307
26	Sn1899	.03645	.03289	.02673	.00880	.31451	.28035
27	Ag3280	.00178	.00091	.00098	.00111	.09633	.09780
28	Mo2020	.02376	.00108	.00087	.00038	.35968	.34385
29	*Y	6150.6	6202.65	6126.98	5631.45	6055.65	6042.9
30	PB2203	.16159	.09095	.07228	.01496	.41408	.44148
31	SE1960	.01664	.00223	-.00032	-.00032	.34842	.34534

#	Element	AD8'6/SD	AD854937	AD854938	AD854939	CCV	CCB
1	Al3082	42.346	31.260	34.165	27.281	24.933	.00525
2	As1890	.43456	.09277	.01752	.01461	.47956	-.00056
3	B_2496	.47708	.16587	.06657	.03731	.48744	.00082
4	Ba4934	.58450	.23671	.22617	.13181	.49587	.00027
5	Be3130	.36866	.00300	.00230	.00049	.49035	.00001
6	Ca3179	H1087.7	H1302.2	H1051.8	146.13	24.238	.02063
7	Cd2265	.35127	-.00085	.00162	-.00022	.47647	.00016
8	Co2286	.39164	.04015	.09436	.02757	.47916	.00097
9	Cr2677	.40423	.04428	.13996	.03608	.50593	.00026
10	Cu3247	.45631	.09008	.44636	.19044	.48619	.00109
11	Fe2714	95.280	122.65	53.884	60.212	24.217	.03041
12	K_7664	31.162	19.992	9.0695	6.7849	24.902	.00687
13	Mg2790	138.91	161.79	423.64	36.931	24.277	.00983
14	Mn2576	3.2279	3.5372	2.4899	.86068	.49322	.00011
15	Na3302	20.553	1.5259	1.9550	1.3609	24.283	.25880
16	Ni2316	.42736	.09349	.04996	.06180	.49000	.00091
17	2203/1	.43698	.09661	.20803	.01720	.49472	-.00516
18	2203/2	.43310	.10398	.20825	.02203	.49061	-.00077

#	Element	AD8'6/SD	AD854937	AD854938	AD854939	CCV	CCB
19	Sb2068	.16022	-.00045	-.00020	.00151	.48757	-.00302
20	1960/1	.36099	-.00688	-.00026	-.00275	.50326	-.00417
21	1960/2	.35830	.00589	.00637	.00703	.48882	.00201
22	Ti3372	.54850	.35522	.58764	.87331	.50749	.00086
23	Tl1908	.36037	-.00112	.00086	-.00186	.48503	-.00072
24	V_2924	.40982	.04981	.05951	.05712	.48642	.00119
25	Zn2062	.55503	.30514	.41120	.24595	.49387	.00082
26	Sn1899	.30238	.02603	.15905	.02935	.49100	.00177
27	Ag3280	.10104	.00171	.00054	.00085	.49649	.00104
28	Mo2020	.35691	.00166	.00285	.00095	.48816	.00090
29	*Y	5903.85	6090.75	5723.4	6627.9	5871.98	5847.98
30	PB2203	.43439	.10152	.20817	.02042	.49198	-.00223
31	SE1960	.35919	.00163	.00416	.00377	.49363	-.00005

#	Element	AD854940	AD854941	AD854942	AD8'6/PB	AD8'5/FB	AD8'7/PB
1	Al3082	25.315	22.878	21.954	.01426	9.8909	.00127
2	As1890	.04171	.02903	.03277	.00014	.19832	.00038
3	B_2496	.10693	.07509	.09807	.00343	.19652	.00481
4	Ba4934	.51849	.18224	.19849	.00022	.19939	.00021
5	Be3130	.00217	.00117	.00177	-.00025	.19418	-.00081
6	Ca3179	H1050.0	614.59	930.95	.12295	9.7241	.05880
7	Cd2265	-.00002	-.00055	-.00029	-.00012	.19251	-.00021
8	Co2286	.03627	.02665	.02620	.00033	.19419	.00036
9	Cr2677	.03973	.06168	.04122	.00064	.19770	.00068
10	Cu3247	.15052	.06188	.07926	.00062	.19444	.00063
11	Fe2714	75.538	65.247	70.455	.01979	9.7680	.02185
12	K_7664	11.887	9.0206	11.390	.01205	10.080	.00182
13	Mg2790	132.91	96.256	147.34	H.10201	9.7380	.00245
14	Mn2576	5.1377	3.5769	2.8947	.00030	.19514	.00001
15	Na3302	2.6347	.91844	1.1243	.33009	10.101	.10985
16	Ni2316	.05994	.05749	.05854	.00095	.19484	.00049
17	2203/1	.07454	.07418	.08501	-.00031	.19449	-.00473
18	2203/2	.07551	.07936	.08767	-.00134	.19757	-.00007
19	Sb2068	-.00412	-.00004	-.00165	.00110	.19170	-.00151
20	1960/1	-.00172	-.00587	-.01036	-.00805	.19232	-.00036
21	1960/2	.00017	.00666	.00250	.00055	.19514	.00369
22	Ti3372	.28579	.23447	.34493	.00089	.19568	.00092
23	Tl1908	-.00154	-.00056	-.00040	-.00168	.19440	-.00013
24	V_2924	.05682	.04224	.04445	.00060	.19478	.00040
25	Zn2062	.19126	.21476	.19643	.00251	.19565	.00088
26	Sn1899	.02640	.02884	.03056	.00021	.19926	.00131
27	Ag3280	.00093	.00126	.00094	.00052	.05078	.00050
28	Mo2020	.00141	.00220	.00281	.00023	.19516	-.00058
29	*Y	6132.08	6145.35	6039.08	5961.23	5976.53	6356.78
30	PB2203	.07519	.07764	.08678	-.00100	.19655	-.00162
31	SE1960	-.00045	.00248	-.00178	-.00231	.19420	.00234

#	Element	AD8'6/FB	AD854715	AD854716	AD854717	CCV	CCB
1	Al3082	9.4291	.01200	.01497	.04177	24.796	-.00018
2	As1890	.19270	.00004	.00041	.00125	.47566	.00058
3	B_2496	.18887	.04124	.03856	.03102	.48209	.00019
4	Ba4934	.19010	.01714	.02216	.01114	.49393	.00021
5	Be3130	.18634	-.00040	-.00036	-.00034	.48817	.00000
6	Ca3179	9.2936	115.74	144.56	102.39	23.981	.01425
7	Cd2265	.18498	-.00006	-.00027	-.00085	.46974	.00009
8	Co2286	.18703	.00828	.00092	.11909	.47535	.00057
9	Cr2677	.18831	.00020	.00021	-.00134	.50244	.00045
10	Cu3247	.18654	.00029	-.00006	-.00031	.48474	.00092
11	Fe2714	9.3517	.95384	2.8801	76.258	23.916	.01691
12	K_7664	9.7226	3.3417	2.5023	3.7763	24.496	.00958
13	Mg2790	9.2993	33.183	37.450	50.267	24.094	.01421
14	Mn2576	.18665	4.0972	.28870	H20.197	.48789	.00020
15	Na3302	9.7562	47.652	3.0816	6.0820	24.204	.28247
16	Ni2316	.18825	.01095	.00122	.10155	.48723	.00013
17	2203/1	.18719	-.00580	-.00796	-.00311	.48709	-.00357
18	2203/2	.19074	.00031	.00163	-.00010	.48930	.00133
19	Sb2068	.17880	.00070	-.00582	-.00308	.48169	-.00209
20	1960/1	.18924	-.00004	-.00745	-.00109	.49433	-.00336
21	1960/2	.18940	.00109	.00576	.00260	.48157	.00334
22	Ti3372	.18604	.00093	.00089	.00097	.50317	.00055
23	Tl1908	.18684	.00290	-.00043	.00930	.47528	-.00252
24	V_2924	.18590	.00067	.00071	.00055	.48269	.00070
25	Zn2062	.19314	.01008	.00236	.01975	.48860	.00009
26	Sn1899	.19072	.00298	.00149	.00289	.48320	.00233
27	Ag3280	.04837	.00057	.00092	.00003	.49418	.00083
28	Mo2020	.18515	.00069	-.00084	-.00156	.48220	.00085
29	*Y	6296.4	6091.12	6126.83	5992.28	5866.05	5887.43
30	PB2203	.18956	-.00172	-.00156	-.00110	.48856	-.00029
31	SE1960	.18934	.00071	.00135	.00137	.48582	.00110

#	Element	AD854718	AD854719	AD854720	AD854721	AD8'1:5)	AD8'1/PS
1	Al3082	-.00368	.00013	.01427	.01061	-.00495	11.354
2	As1890	-.00034	.00025	.00019	.00194	.00013	.21963
3	B_2496	.02022	.02146	1.0920	.21872	.04182	.43753
4	Ba4934	.01090	.01171	.18084	.08020	.01510	.30789
5	Be3130	-.00059	-.00058	.00032	.00022	-.00012	.22261
6	Ca3179	8.2857	9.0519	166.12	76.839	14.537	85.875
7	Cd2265	-.00013	.00003	.00011	-.00010	-.00003	.21148
8	Co2286	.00073	.00047	.00142	.00076	.00067	.21419
9	Cr2677	.00031	.00044	.00012	.00036	.00029	.21722
10	Cu3247	.00349	.00131	.00052	.00048	.00067	.21625
11	Fe2714	.01475	.08690	.72784	.01634	.00948	10.785
12	K_7664	2.2055	2.2013	9.2698	14.158	2.6021	25.266
13	Mg2790	1.7528	1.8262	26.221	36.573	6.8161	46.828
14	Mn2576	.04565	.00111	.49430	.38775	.07258	.59959
15	Na3302	12.030	11.547	47.863	55.141	10.557	65.092
16	Ni2316	.00040	.00057	.00285	.00038	.00033	.21223
17	2203/1	-.00469	-.00324	-.00621	-.00563	-.00355	.21252
18	2203/2	.00076	.00157	.00196	.00140	.00015	.21474

#	Element	AD854718	AD854719	AD854720	AD854721	AD8'1:5)	AD8'1/PS
19	Sb2068	-.00178	-.00127	-.00288	-.00378	-.00093	.20715
20	1960/1	-.00555	.00089	-.01080	-.00872	-.00336	.21341
21	1960/2	.00447	.00429	.00943	.00595	.00433	.21152
22	Ti3372	.00060	.00069	.00052	.00060	.00052	.21732
23	Tl1908	-.00050	-.00084	-.00369	-.00128	.00026	.20883
24	V_2924	.00050	.00049	.00040	.00031	.00060	.21658
25	Zn2062	.00338	.00290	.08894	.00242	.00101	.21867
26	Sn1899	.00080	.00196	.00097	.00250	.00135	.17705
27	Ag3280	.00005	-.00031	.00028	-.00006	.00079	.05419
28	Mo2020	.00177	.00003	.00130	.00033	.00028	.22151
29	*Y	6152.62	6143.1	5594.48	5566.43	5893.43	5525.78
30	PB2203	-.00105	-.00002	-.00076	-.00093	-.00107	.21400
31	SE1960	.00113	.00316	.00268	.00106	.00176	.21215

#	Element	AD8'2/MS	AD8'3/SD	AD854724	AD854725	CCV	CCB
1	Al3082	10.885	10.708	.00109	.00578	25.018	-.00914
2	As1890	.22004	.21636	-.00003	.00102	.48451	-.00049
3	B_2496	.43610	.43068	.00566	.01286	.49426	.00121
4	Ba4934	.30393	.29792	.00030	.02251	.50264	.00033
5	Be3130	.21882	.21766	.00000	-.00045	.50534	.00006
6	Ca3179	89.592	88.118	.20929	53.054	24.457	.01714
7	Cd2265	.20848	.20771	-.00017	-.00012	.48419	.00014
8	Co2286	.21256	.21102	.00057	.00104	.48851	.00082
9	Cr2677	.21558	.21318	.00014	.00055	.51036	.00042
10	Cu3247	.21680	.21251	.00094	.00066	.49119	.00104
11	Fe2714	10.652	10.566	.01686	1.7266	24.406	.01630
12	K_7664	25.616	25.025	.00541	1.1676	24.429	-.00275
13	Mg2790	48.182	47.573	.04131	5.3604	24.841	.01496
14	Mn2576	.61056	.60221	.00015	.74367	.50162	.00036
15	Na3302	67.504	65.616	.14625	14.378	24.474	-.00296
16	Ni2316	.21032	.20945	.00003	.00088	.49683	-.00007
17	2203/1	.21105	.20755	-.00382	-.00607	.50073	-.00428
18	2203/2	.21205	.21397	.00248	.00022	.49890	.00158
19	Sb2068	.20769	.20908	.00054	-.00399	.48794	-.00095
20	1960/1	.21022	.20960	-.00744	-.00715	.50576	-.00599
21	1960/2	.20986	.20974	.00562	.00274	.48785	-.00080
22	Ti3372	.21411	.21161	.00027	.00104	.51056	.00062
23	Tl1908	.20702	.20575	-.00031	-.00258	.48503	-.00359
24	V_2924	.21312	.21060	.00000	.00074	.48923	.00021
25	Zn2062	.21462	.21423	.00375	.00619	.50493	.00062
26	Sn1899	.21500	.21344	.00184	.00066	.49414	.00326
27	Ag3280	.05519	.05425	-.00020	.00018	.49858	.00028
28	Mo2020	.21590	.21540	.00052	.00116	.49462	.00119
29	*Y	5545.35	5617.35	5656.05	6123.15	5861.62	5825.03
30	PB2203	.21172	.21183	.00038	-.00187	.49951	-.00036
31	SE1960	.20997	.20969	.00126	-.00055	.49382	-.00253

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.11097	4.18593	20.8653	42.1964	51.358	Q19.711
2	As1890	.11813	1.25851	5.94833	11.9352	1.0168	.37824
3	B_2496	.02234	.40083	1.97402	3.98299	1.0283	.38718
4	Ba4934	.00264	.69371	3.53539	7.12566	1.0243	.39253
5	Be3130	.11507	1.57312	7.53177	15.0635	1.0182	.38799
6	Ca3179	.03616			41.9008	49.886	19.085
7	Cd2265	.00392	1.90029	9.49882	19.0811	1.0010	.38555
8	Co2286	-.00571	.81098	4.15046	8.34785	1.0126	.38200
9	Cr2677	.00332	.63736	3.22658	6.49748	1.0160	Q.39951
10	Cu3247	.00853	.47473	2.41173	4.87125	1.0292	.38151
11	Fe2714	-.00119	.70753	3.595	7.24021	50.691	19.299
12	K_7664	-.07656			145.502	50.470	19.461
13	Mg2790	.00921			21.7513	49.915	19.020
14	Mn2576	.00076	.38252	1.93375	3.9125	1.0194	.39111
15	Na3302	.00605			2.32645	50.529	19.017
16	Ni2316	-.01228	.64103	3.27678	6.55957	1.0053	.39012
17	2203/1	.02225	.52899	2.64194	5.27702	1.0160	.39449
18	2203/2	-.04563	2.84961	14.3092	28.8703	1.0023	.38959
19	Sb2068	.00418	.18451	.93829	1.89459	1.0238	Q.39617
20	1960/1	-.05844	.32342	1.87393	3.79737	1.0006	.38853
21	1960/2	.02814	.50928	2.33767	4.66177	.99498	.38966
22	Ti3372	-.01015	1.09488	5.62178	11.3279	1.0184	Q.39893
23	Tl1908	-.0116	.32534	1.75074	3.5048	1.0224	Q.39405
24	V_2924	-.00034	.08447	.43184	.87241	1.0197	.38517
25	Zn2062	.00085	.08431	.41742	.84006	1.0047	.39167
26	Sn1899	-.0011	.05834	.30491	.61793	1.0167	Q.39724
27	Ag3280	-.04461	.58493	3.17461	6.46667	1.0261	.38705
28	Mo2020	-.00034	.26441	1.32682	2.67912	1.0168	.38694
29	*Y	5861.4	6007.5	5896.8	5809.73	5717.55	5806.58
30	PB2203					1.0069	.39122
31	SE1960					.99684	.38928

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.05526	.21862	574.23	573.03	25.426	.03082
2	As1890	-.00074	.00721	-.00115	.11694	.49084	-.00246
3	B_2496	.00157	.02070	.00304	.02490	.50154	.00007
4	Ba4934	.00035	.00216	.00089	.58012	.50750	.00018
5	Be3130	.00036	.00197	.00093	.53869	.50057	.00019
6	Ca3179	.01763	.48063	557.97	560.30	24.602	.01252
7	Cd2265	.00045	.00119	.00006	1.0731	.49354	.00002
8	Co2286	.00034	.00400	.00032	.52734	.49083	.00026
9	Cr2677	.00056	.00416	-.00036	.55512	.51397	-.00035
10	Cu3247	.00037	.00927	-.00160	.56838	.49485	-.00002
11	Fe2714	.01971	.05474	216.13	107.82	24.752	.01247
12	K_7664	.00801	.48146	-.00209	.01579	25.215	-.00253
13	Mg2790	.01180	.19237	547.95	541.61	24.491	.01559
14	Mn2576	.00032	.00304	.00008	.53874	.50466	.00003
15	Na3302	.07624	1.0420	-.03458	.13135	24.749	-.08701
16	Ni2316	.00093	.00980	.00110	1.0456	.49859	.00054
17	2203/1	.00074	.00450	.02469	.08610	.50869	-.00306
18	2203/2	.00121	.00737	-.01433	.03757	.49531	.00113

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00058	.02031	.00353	.70278	.50866	-.00555
20	1960/1	-.00230	.01928	-.00667	.04692	.50846	-.00022
21	1960/2	.00398	.02144	.00157	.05646	.48698	.00264
22	Ti3372	.00056	.00532	.00049	.00250	.51479	.00032
23	Tl1908	-.00288	.01776	-.00190	.11326	.50643	-.00268
24	V_2924	.00111	.00555	.00149	.56291	.49454	.00081
25	Zn2062	.00115	.01125	-.00355	1.0514	.50059	.00281
26	Sn1899	.00027	.00732	.00335	.00443	.51219	-.00072
27	Ag3280	.00031	.00300	.00084	.23577	.50262	.00064
28	Mo2020	.00195	.01150	.00060	.00255	.49435	.00156
29	*Y	5762.48	5993.1	5068.28	5146.88	5831.62	5764.2
30	PB2203	.00105	.00642	-.00133	.05373	.49976	-.00026
31	SE1960	.00188	.02072	-.00117	.05328	.49413	.00168

#	Element	AD854726	AD854727	AD854728	AD854729	AD854730	AD854731
1	Al3082	.06790	.03611	.04773	.03813	.06226	.10847
2	As1890	.12464	.04492	.04316	.00907	.00501	.00006
3	B_2496	.92927	.30237	.28620	.01013	.00911	.02073
4	Ba4934	.07373	.05113	.06755	.00832	.02333	.10636
5	Be3130	-.00015	-.00032	-.00032	-.00031	-.00031	-.00035
6	Ca3179	56.993	21.788	21.928	33.164	19.822	10.126
7	Cd2265	.00000	-.00035	-.00039	-.00015	-.00053	-.00009
8	Co2286	.02467	.00349	.00690	.00029	.00692	.00031
9	Cr2677	-.00037	-.00002	.00167	.00030	-.00002	-.00007
10	Cu3247	-.00045	-.00049	-.00028	.00264	-.00032	.00026
11	Fe2714	25.529	46.844	53.511	.01799	50.882	.01797
12	K_7664	3.0756	10.370	7.6402	1.3839	1.2514	3.0194
13	Mg2790	11.595	4.2856	4.3737	3.5646	3.9840	2.4170
14	Mn2576	.45370	1.1598	2.4115	.09119	.89370	.04732
15	Na3302	162.57	50.529	42.992	19.823	54.570	94.544
16	Ni2316	.12746	.00504	.00619	.00864	.00450	.00098
17	2203/1	.00016	-.00202	.00057	-.00206	.00009	-.00202
18	2203/2	.00184	.00146	.00105	.00321	.00085	.00230
19	Sb2068	.00432	-.00122	.00083	.00078	-.00234	-.00389
20	1960/1	.00328	-.00058	.00423	.00095	.00387	.00035
21	1960/2	-.00042	.00630	.00651	.00213	.00252	.00392
22	Ti3372	.00081	.00112	.00126	.00089	.00164	.00058
23	Tl1908	-.00264	-.00153	.00033	-.00184	-.00225	-.00299
24	V_2924	.00082	.00117	.00149	.00079	.00089	.00088
25	Zn2062	.00350	.00260	.00182	.00462	.00693	.00345
26	Sn1899	.00051	.00067	.00182	.00031	.00017	-.00111
27	Ag3280	.00064	.00044	.00088	.00035	.00048	.00021
28	Mo2020	.01790	.00106	.00193	.00961	.00169	.00108
29	*Y	6052.35	6144.9	6162.98	6140.7	6150	6145.5
30	PB2203	.00128	.00030	.00089	.00145	.00060	.00086
31	SE1960	.00081	.00401	.00575	.00174	.00297	.00273

#	Element	AD854732	AD854733	AD854734	AD854735	CCV	CCB
1	Al3082	.02808	.02302	.02595	.02436	25.348	.03813
2	As1890	-.00120	.00231	.00018	.00050	.48715	-.00121
3	B_2496	.00374	.00753	.04149	.01806	.49557	-.00006
4	Ba4934	.00057	.00102	.25188	.20040	.50238	.00030
5	Be3130	-.00035	-.00045	-.00024	-.00033	.49563	.00037
6	Ca3179	.18870	37.225	107.46	59.343	24.441	.01861
7	Cd2265	-.00015	-.00006	.00000	.00014	.48844	.00009
8	Co2286	-.00012	.00045	-.00020	.00022	.48760	.00022
9	Cr2677	-.00011	.00002	.00032	.00039	.51061	.00021
10	Cu3247	-.00009	-.00022	.00318	.00515	.49064	-.00024
11	Fe2714	.00491	.21865	-.00582	.01470	24.595	.01966
12	K_7664	.03285	.49102	1.5885	1.0204	25.073	.01150
13	Mg2790	.03492	3.7825	35.090	9.4443	24.360	.01341
14	Mn2576	.00008	.12481	.00133	.00019	.49932	.00019
15	Na3302	-.01255	11.460	22.942	11.475	24.521	.05880
16	Ni2316	.00098	.00084	.00096	.00027	.49784	.00046
17	2203/1	-.00002	-.00197	-.00059	-.00030	.50104	-.00071
18	2203/2	.00218	.00200	.00240	.00052	.49320	.00255
19	Sb2068	-.00149	-.00245	-.00095	-.00085	.50275	-.00012
20	1960/1	-.00230	.00034	.00124	.00321	.50193	.00158
21	1960/2	.00517	.00202	.00316	-.00010	.49240	.00632
22	Ti3372	.00037	.00616	.00043	.00089	.51204	.00090
23	Tl1908	-.00006	-.00228	-.00279	-.00346	.50165	-.00218
24	V_2924	.00040	.00068	.00098	.00135	.49174	.00101
25	Zn2062	.00245	.00264	.01079	.03876	.49385	.00259
26	Sn1899	.00118	.00035	.00016	.00060	.51161	-.00042
27	Ag3280	.00021	.00038	.00055	.00040	.49952	.00117
28	Mo2020	-.00062	.00623	.00620	.00327	.48933	.00210
29	*Y	6199.73	6199.05	6122.55	6145.58	5849.62	5796.38
30	PB2203	.00145	.00067	.00140	.00025	.49581	.00146
31	SE1960	.00268	.00146	.00252	.00100	.49557	.00474

#	Element	AD8'0/PB	AD8'9/FB	AD854757	AD854758	AD854759	AD854760
1	Al3082	.03794	9.4853	.46653	.13858	.04724	.06922
2	As1890	-.00180	.19119	.00127	.00162	.00182	.00180
3	B_2496	.00566	.19147	.03713	.02083	.00889	.04473
4	Ba4934	.00018	.18996	.00824	.03942	.00086	.05999
5	Be3130	-.00039	.18486	-.00007	-.00026	-.00034	-.00006
6	Ca3179	.07549	9.2726	116.20	26.939	39.711	11.206
7	Cd2265	.00006	.18720	.00008	-.00006	-.00008	-.00006
8	Co2286	.00020	.18639	.00015	.00036	.00007	.00255
9	Cr2677	.00027	.18780	.00230	.00024	.00001	.00016
10	Cu3247	-.00023	.18511	.00134	.00079	-.00049	-.00067
11	Fe2714	.00940	9.4119	.20739	.17842	.41472	2.5317
12	K_7664	.00813	9.7707	1.9247	1.4617	.50863	3.2660
13	Mg2790	.00195	9.1528	8.1558	4.2354	4.0013	2.8110
14	Mn2576	.00006	.18642	.01017	.02393	.13298	.75122
15	Na3302	.01008	9.2893	20.261	8.1742	12.097	91.467
16	Ni2316	.00098	.18809	.00298	.00127	.00076	.00285
17	2203/1	.00198	.18861	.00025	-.00009	-.00088	-.00271
18	2203/2	.00086	.19026	-.00005	.00251	.00073	.00037

#	Element	AD8'0/PB	AD8'9/FB	AD854757	AD854758	AD854759	AD854760
19	Sb2068	.00261	.18756	-.00087	-.00118	-.00410	-.00065
20	1960/1	.00308	.19183	.00302	-.00145	-.00043	.00262
21	1960/2	-.00003	.18651	.00347	.00256	.00179	.00293
22	Ti3372	.00072	.18718	.00096	.00283	.00712	.00135
23	Tl1908	-.00227	.19265	-.00309	-.00276	-.00129	-.00450
24	V_2924	.00050	.18655	.00070	.00144	.00087	.00083
25	Zn2062	.00070	.18456	.04459	.00402	.00367	.00597
26	Sn1899	-.00064	.19318	-.00001	-.00044	.00060	-.00005
27	Ag3280	.00065	.04850	.00089	.00089	.00030	.00051
28	Mo2020	.00121	.18461	.00901	.00046	.00561	.00123
29	*Y	6247.58	6267.75	5937.45	6169.28	6115.8	6018.53
30	PB2203	.00123	.18971	.00005	.00164	.00019	-.00065
31	SE1960	.00100	.18829	.00332	.00122	.00105	.00282

#	Element	AD854761	AD854762	AD854763	AD854764	CCV	CCB
1	Al3082	.11659	.04036	.05361	.04226	25.590	.03095
2	As1890	.00106	-.00084	.00011	-.00011	.49272	-.00001
3	B_2496	.01972	.00543	.04331	.05653	.50163	-.00015
4	Ba4934	.01633	.00013	.11645	.04829	.50641	.00010
5	Be3130	-.00038	-.00046	-.00001	-.00007	.49859	.00030
6	Ca3179	5.4598	.07637	194.92	152.88	24.691	.01516
7	Cd2265	-.00007	-.00012	.00025	.00018	.49634	.00035
8	Co2286	.00152	.00007	.00075	.00023	.49200	-.00015
9	Cr2677	.00030	-.00008	.00000	.00035	.51471	.00009
10	Cu3247	.00006	-.00061	.00049	-.00025	.49385	-.00036
11	Fe2714	3.6998	.00829	1.1479	1.1898	24.932	.01444
12	K_7664	2.3473	-.00299	4.8231	2.9328	25.281	.01536
13	Mg2790	1.7971	-.00368	31.601	27.829	24.553	.01804
14	Mn2576	.27066	.00014	.84403	.20368	.50272	.00014
15	Na3302	14.414	.00128	39.004	38.161	24.539	-.10581
16	Ni2316	.00213	.00109	.00133	.00139	.50357	.00047
17	2203/1	.00202	-.00146	-.00055	-.00051	.50650	.00009
18	2203/2	.00195	.00216	.00095	.00295	.49887	.00047
19	Sb2068	.00000	-.00003	-.00198	-.00304	.50966	-.00344
20	1960/1	-.00090	.00409	.00517	.00240	.50557	.00089
21	1960/2	.00132	.00452	.00168	.00509	.50203	.00822
22	Ti3372	.00215	.00074	.00099	.00088	.51776	.00021
23	Tl1908	-.00076	-.00141	-.00298	-.00158	.50935	-.00033
24	V_2924	.00173	.00087	.00077	.00057	.49695	.00031
25	Zn2062	.00927	.00288	.01024	.01555	.49725	.00292
26	Sn1899	.00037	.00001	-.00032	.00076	.51989	-.00087
27	Ag3280	.00037	.00094	.00095	.00041	.50266	.00003
28	Mo2020	-.00011	.00093	.00075	.00129	.49114	.00043
29	*Y	6192.3	6285.38	6004.05	6030.75	5833.65	5755.5
30	PB2203	.00197	.00095	.00045	.00180	.50141	.00035
31	SE1960	.00058	.00438	.00284	.00419	.50320	.00577

#	Element	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD854767	AD854768
1	Al3082	.01644	10.498	10.066	10.482	.06775	.51399
2	As1890	-.00075	.19810	.20017	.20843	-.00194	-.00043
3	B_2496	.01070	.25735	.25131	.26048	.07481	.08016
4	Ba4934	.00972	.25275	.24773	.25666	.15282	.02294
5	Be3130	-.00011	.19206	.19122	.19902	-.00006	.00087
6	Ca3179	31.067	159.78	164.91	168.31	143.96	654.75
7	Cd2265	.00004	.19356	.19103	.20052	.00025	.00055
8	Co2286	.00024	.19044	.19115	.19912	.00050	.00114
9	Cr2677	-.00026	.19441	.19531	.20272	.00106	.00180
10	Cu3247	-.00084	.19270	.19438	.20083	.00044	-.00002
11	Fe2714	.24673	11.012	11.033	11.456	.04753	.51974
12	K_7664	.53480	14.215	13.864	14.232	3.4063	6.0586
13	Mg2790	5.7182	36.744	37.640	38.485	45.219	133.18
14	Mn2576	.04192	.39355	.40054	.41157	.01832	.04416
15	Na3302	7.4959	47.380	48.476	48.835	16.807	16.237
16	Ni2316	.00025	.19417	.19379	.20138	.00191	.01181
17	2203/1	-.00297	.19169	.19246	.20296	-.00152	.00012
18	2203/2	.00183	.19101	.19339	.20295	.00238	.00324
19	Sb2068	-.00043	.19748	.19708	.20650	-.00336	.00021
20	1960/1	-.00322	.19680	.20001	.20894	.00179	.00274
21	1960/2	.00485	.19488	.19542	.20256	.00118	.00725
22	Ti3372	.00017	.19822	.19691	.20413	.00109	.01154
23	Tl1908	-.00191	.19706	.19592	.20565	-.00192	-.00200
24	V_2924	.00021	.19731	.19581	.20345	.00070	.00153
25	Zn2062	.00368	.20200	.20304	.20802	.01394	.05039
26	Sn1899	-.00078	.16602	.20287	.21185	-.00026	.00018
27	Ag3280	-.00049	.05111	.05215	.05308	.00086	.00127
28	Mo2020	.00016	.19407	.19392	.20174	.00146	.00146
29	*Y	5982.3	6086.33	5978.92	5910.98	5995.12	5582.33
30	PB2203	.00023	.19124	.19308	.20295	.00108	.00220
31	SE1960	.00215	.19552	.19695	.20469	.00138	.00575

#	Element	AD854769	AD854770	AD854771	AD854772	CCV	CCB
1	Al3082	.11877	.18224	.04386	.07816	25.496	.04847
2	As1890	-.00069	-.00167	.00008	.00019	.49286	-.00028
3	B_2496	.08038	.01934	.00318	.05903	.49668	.00032
4	Ba4934	.01756	.07677	.00014	.06724	.50327	.00021
5	Be3130	.00052	-.00006	-.00035	.00020	.49400	.00037
6	Ca3179	565.47	134.46	.09719	237.93	24.626	.01824
7	Cd2265	.00016	.00000	.00000	.00012	.49500	.00008
8	Co2286	.00121	.00105	.00013	.00086	.48993	.00007
9	Cr2677	.00073	.00018	-.00032	.00046	.51246	-.00004
10	Cu3247	-.00057	-.00028	-.00081	-.00093	.49117	-.00079
11	Fe2714	1.2977	1.0015	.00715	.06906	24.840	.01124
12	K_7664	5.9738	1.8499	.00832	5.0012	25.304	-.00029
13	Mg2790	100.59	25.120	.00682	43.013	24.333	.01839
14	Mn2576	.24185	.62579	.00012	.24600	.49975	.00014
15	Na3302	11.828	9.9574	.07854	44.376	24.563	.03067
16	Ni2316	.00367	.00078	.00044	.00543	.50227	.00046
17	2203/1	-.00060	-.00086	.00046	.00012	.50397	-.00193
18	2203/2	.00029	.00229	.00186	.00014	.49679	.00294

#	Element	AD854769	AD854770	AD854771	AD854772	CCV	CCB
19	Sb2068	.00039	-.00309	-.00204	-.00217	.51056	-.00092
20	1960/1	.00383	.00342	.00016	.00592	.51377	-.00247
21	1960/2	.00143	.00638	.00284	.00068	.49389	.00595
22	Ti3372	.00177	.00291	.00058	.00118	.51581	.00061
23	Tl1908	-.00057	-.00132	-.00357	-.00020	.51259	.00050
24	V_2924	.00099	.00114	.00059	.00050	.49506	.00081
25	Zn2062	.01764	.00606	.00168	.01283	.49436	.00240
26	Sn1899	.00138	-.00168	.00077	.00030	.51796	-.00129
27	Ag3280	.00120	.00104	.00079	.00075	.50025	.00127
28	Mo2020	.00069	.00002	.00113	.00151	.48836	.00042
29	*Y	5707.35	6092.25	6181.88	5870.7	5866.5	5763.45
30	PB2203	.00000	.00124	.00139	.00014	.49918	.00131
31	SE1960	.00223	.00539	.00195	.00242	.50052	.00314

#	Element	AD854774	AD854775	AD854776	AD854777	AD854778	AD854773
1	Al3082	.06975	.05364	.16923	.04413	.09680	1.0599
2	As1890	-.00032	-.00039	.00159	.00056	.00086	.60791
3	B_2496	.22045	.33603	.39141	.04116	.01643	6.4220
4	Ba4934	.02832	.12015	.07293	.25352	.20310	.14090
5	Be3130	.00107	.00001	.00022	-.00001	-.00023	.00053
6	Ca3179	202.36	22.000	77.300	108.71	59.392	56.364
7	Cd2265	-.00008	.00003	-.00023	-.00002	-.00007	.00015
8	Co2286	.00172	.00019	.00106	.00011	-.00008	.03382
9	Cr2677	.00011	.00011	.00001	.00119	.00038	1.1290
10	Cu3247	.00104	-.00086	-.00089	.00334	.00571	.00832
11	Fe2714	-.01210	.21097	1.2378	.00032	.01238	4.4398
12	K_7664	23.417	4.8472	9.1211	1.6124	1.0020	H487.14
13	Mg2790	109.46	5.7207	18.202	35.123	9.3666	65.156
14	Mn2576	.00018	.02049	.05342	.00023	.00010	.46910
15	Na3302	H1114.8	H544.94	H826.39	23.153	11.459	H3262.7
16	Ni2316	.00235	.00039	.00100	.00169	.00025	.31916
17	2203/1	-.00132	.00298	.00002	.00035	.00007	.00530
18	2203/2	.00180	-.00050	.00090	.00157	.00043	.00195
19	Sb2068	-.00092	-.00083	.00019	-.00480	-.00204	.11649
20	1960/1	.53536	.00133	-.00130	.00165	.00403	.01038
21	1960/2	.52094	-.00043	.00458	.00170	.00186	.00109
22	Ti3372	.00063	.00063	.00209	.00054	.00103	.39586
23	Tl1908	-.00058	-.00161	-.00289	-.00109	-.00536	-.00036
24	V_2924	.00118	.00069	.00078	.00118	.00172	.25035
25	Zn2062	.00283	.00099	.00179	.01349	.04303	.06641
26	Sn1899	-.00243	-.00047	-.00361	.00082	.00074	.08218
27	Ag3280	.00129	.00127	.00081	.00094	.00110	.00248
28	Mo2020	.00329	.00019	.00245	.00468	.00284	.12797
29	*Y	5274.68	5953.28	5773.8	6053.55	6201.3	5162.1
30	PB2203	.00076	.00065	.00061	.00116	.00031	.00307
31	SE1960	.52574	.00015	.00262	.00168	.00258	.00419

#	Element	AD8':10)	CCV	CCB			
1	Al3082	.14384	25.979	.05349			
2	As1890	.06157	.49614	-.00105			
3	B_2496	.65067	.50688	.00123			
4	Ba4934	.01503	.51417	.00028			
5	Be3130	.00064	.50398	.00056			
6	Ca3179	6.1685	24.938	.02100			
7	Cd2265	-.00017	.50097	.00016			
8	Co2286	.00423	.49819	.00026			
9	Cr2677	.12215	.52026	.00050			
10	Cu3247	.00247	.50218	-.00031			
11	Fe2714	.49041	25.194	.00823			
12	K_7664	47.714	25.781	.01579			
13	Mg2790	7.2004	24.733	.02218			
14	Mn2576	.05002	.50913	.00021			
15	Na3302	H773.16	25.034	.12270			
16	Ni2316	.03593	.50962	.00031			
17	2203/1	.00054	.51034	.00117			
18	2203/2	.00228	.50590	.00091			
19	Sb2068	.01048	.51797	-.00190			
20	1960/1	.00538	.50804	.00053			
21	1960/2	.00203	.50123	.00253			
22	Ti3372	.04249	.52643	.00065			
23	Tl1908	-.00196	.51730	-.00055			
24	V_2924	.02693	.50267	.00071			
25	Zn2062	.01268	.50014	.00261			
26	Sn1899	.00674	.52574	.00084			
27	Ag3280	.00112	.50991	.00087			
28	Mo2020	.01451	.49662	.00156			
29	*Y	5468.85	5781	5762.48			
30	PB2203	.00170	.50738	.00100			
31	SE1960	.00314	.50349	.00186			

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

Calibration Report 08/19/08 09:47:19 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

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Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Method: TRACE1 Sample Name: STD BLK Operator:
Run Time: 09/25/08 19:57 Filename: 2092508
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	count	count	count	count	count	count
Avge	.13257	.10615	.01967	.00205	.11743	.03361
SDev	.00235	.00327	.0044	0	.00081	.00068
%RSD	1.77507	3.08108	22.362	.23224	.69477	2.03146

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	count	count	count	count	count	count
Avge	.00461	-.01137	.00102	.00256	-.00256	-.07257
SDev	.00265	.00227	.00048	.00218	.00096	.03307
%RSD	57.4223	19.9755	46.9339	85.0013	37.4965	45.5698

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	count	count	count	count	count	count
Avge	.00804	.00085	.00025	-.0124	.04191	-.02423
SDev	.0005	0	.00132	.00377	.00469	.0234
%RSD	6.24973	.23224	521.453	30.4565	11.1982	96.5704

Elems	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Units	count	count	count	count	count	count
Avge	.00581	-.03283	.02618	-.01103	-.01557	-.00025
SDev	.0053	.00839	.01118	.00111	.00656	.00036
%RSD	91.3728	25.5553	42.73	10.0977	42.1719	141.421

Elems	Zn2062	Sn1899	Ag3280	Mo2020	*Y
Units	count	count	count	count	
Avge	.00068	-.00239	-.0449	.00171	5845.65
SDev	.00024	.00047	.00171	.00097	13.5762
%RSD	35.573	19.9755	3.80854	56.7635	.23224

Method: TRACE1 Sample Name: STD 1 Operator:
Run Time: 09/25/08 20:02 Filename: 2092508
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265
Units	count	count	count	count	count	count
Avge	4.23431	1.24648	.40402	.69475	1.56121	1.94756
SDev	.01294	.02129	.00087	.00205	.00367	.0001
%RSD	.30567	1.70835	.21777	.29621	.23528	.0054

Elems	Co2286	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316
Units	count	count	count	count	count	count
Avge	.8145	.63709	.46805	.71737	.38475	.64244
SDev	.00024	.00089	.00063	0	.00108	.00453
%RSD	.02977	.1412	.13655	.00098	.28244	.70554

Elems	2203/1	2203/2	Sb2068	1960/1	1960/2	Ti3372
Units	count	count	count	count	count	count
Avge	.54968	2.84274	.19275	.32233	.50728	1.09609
SDev	.00117	.03003	.00165	.01113	.00504	.00174
%RSD	.21351	1.05653	.85634	3.45301	.99526	.159

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	count	count	count	count	count	count
Avge	.33557	.08489	.08372	.05992	.58589	.26691
SDev	.01117	.00004	.00028	.00104	.00225	.00222
%RSD	3.33114	.05436	.34337	1.74894	.38467	.83443

Elems	*Y
Units	
Avge	5966.18
SDev	21.7435
%RSD	.36444

Method: TRACE1 Sample Name: STD 2 Operator:
Run Time: 09/25/08 20:07 Filename: 2092508
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265
Units	count	count	count	count	count	count
Avge	21.2071	6.01984	1.99822	3.56161	7.46694	9.71701
SDev	.02557	.01178	.00194	.00001	.01208	.02164
%RSD	.12058	.19577	.09756	.00051	.16181	.22273

Elems	Co2286	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316
Units	count	count	count	count	count	count
Avge	4.18143	3.24936	2.42363	3.65902	1.94743	3.31545
SDev	.00411	.00108	.00059	.00321	.00194	.00903
%RSD	.09848	.03351	.02438	.08792	.0999	.27249

Elems	2203/1	2203/2	Sb2068	1960/1	1960/2	Ti3372
Units	count	count	count	count	count	count
Avge	2.67972	14.407	.97359	1.89278	2.3352	5.69835
SDev	.00219	.0227	.00067	.02264	.00569	.00532
%RSD	.08196	.15757	.06971	1.19627	.24371	.09352

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	count	count	count	count	count	count
Avge	1.80708	.43735	.41701	.31371	3.19589	1.33117
SDev	.02062	.00016	.0022	.00098	.00246	.0075
%RSD	1.14139	.03725	.52976	.31293	.07702	.56398

Elems	*Y
Units	
Avge	5779.12
SDev	13.4706
%RSD	.23309

Method: TRACE1 Sample Name: STD 3 Operator:
Run Time: 09/25/08 20:11 Filename: 2092508
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	count	count	count	count	count	count
Avge	42.7802	11.902	3.97999	7.16084	14.716	41.9659
SDev	.1327	.04201	.01601	.03233	.10043	.12233
%RSD	.31021	.35302	.40231	.45153	.68246	.29151

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	count	count	count	count	count	count
Avge	19.199	8.32374	6.4995	4.89497	7.31132	149.364
SDev	.09032	.03954	.0173	.02086	.01478	.03396
%RSD	.47046	.47504	.26621	.42633	.2022	.02274

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	count	count	count	count	count	count
Avge	21.4369	3.8889	2.33716	6.59528	5.25742	28.581
SDev	.10841	.01981	.00618	.0108	.0098	.02273
%RSD	.50575	.50945	.26483	.16377	.1865	.07955

Elems	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Units	count	count	count	count	count	count
Avge	1.94163	3.813	4.66746	11.451	3.61945	.87981
SDev	.0134	.01342	.00002	.0211	.01942	.00202
%RSD	.69044	.35197	.00052	.18431	.53665	.23069

Elems	Zn2062	Sn1899	Ag3280	Mo2020	*Y
Units	count	count	count	count	
Avge	.82093	.62694	6.48813	2.66427	5758.05
SDev	.003	.00078	.0184	.0164	.42433
%RSD	.36638	.12489	.2837	.61578	.00736

Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/25/08 20:16 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.520	1.0256	1.0255	1.0262	1.0182	50.380
SDev	.08978	.00207	.00128	.00016	.00189	.06802
%RSD	.17426	.20249	.12558	.01611	.18601	.13503

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0033	1.0144	1.0216	1.0340	50.905	50.252
SDev	.00032	.00009	.00133	.00248	.09507	.14787
%RSD	.03228	.00978	.13037	.2402	.18677	.29426

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.437	1.0175	50.496	1.0148	1.0182	1.0123
SDev	.00425	.00065	.21778	.00421	.00132	.00349
%RSD	.00843	.0648	.43128	.41529	.12999	.34504

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0142	1.0143	1.0181	1.0340	1.0045	1.0259
SDev	.00188	.00319	.00108	.00446	.00256	.00248
%RSD	.18624	.31531	.10642	.43218	.25516	.24246

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0245	1.0266	1.0051	1.0115	1.0291	1.0151
SDev	.0029	.00228	.00065	.00516	.00208	.00334
%RSD	.28321	.22294	.06547	.51072	.2024	.3296

Elems	*Y
Units	
Avge	5688.23
SDev	7.95495
%RSD	.13984

Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 09/25/08 20:21 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q19.692	.37840	.38513	.39115	.38604	19.036
SDev	.05426	.0019	.0026	.00115	.0008	.05968
%RSD	.27555	.5036	.67695	.29439	.20923	.31351

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37817	.37873	Q.39805	.38268	19.130	19.271
SDev	.0012	.00125	.00151	.0016	.04404	.07252
%RSD	.31882	.33102	.38101	.41936	.23022	.37633

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.075	.38795	19.148	.38844	.38666	.38776
SDev	.04342	.00124	.13086	.00112	.00117	.00232
%RSD	.22765	.3213	.68343	.28845	.30351	.59975

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38740	.38508	.38630	.39354	.38086	Q.39770
SDev	.00194	.00328	.00122	.00722	.00131	.00139
%RSD	.50129	.85229	.31746	1.8351	.34456	.35186

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38875	.38361	.38752	.39129	.38818	.38359
SDev	.00058	.00158	.00134	.00222	.00111	.00165
%RSD	.15176	.41324	.34726	.56882	.28648	.43182

Elems	*Y
Units	
Avge	5674.12
SDev	6.46995
%RSD	.11402

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 09/25/08 20:27 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01453	-.00139	.00282	.00040	.00035	.01197
SDev	.00174	.00052	.00101	.00012	.00014	.0061
%RSD	12.029	37.913	35.774	29.994	40.391	50.972

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00078	.00073	.00038	.02409	.02316
SDev	.00013	.00005	.00032	.00002	0	.0022
%RSD	95.51	7.5789	44.43	6.6777	.00777	9.5299

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01281	.00014	.22311	.00057	-.00237	.00012
SDev	.01156	.00019	.20179	.00035	.00053	.00097
%RSD	90.212	128.46	90.444	62.334	22.537	750.37

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	.00054	.00097	-.00633	.00398	.00094
SDev	.00046	.00062	.00019	.00235	.00023	.00013
%RSD	66.433	115.07	20.565	37.152	5.9616	13.887

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	.00071	.00075	.00186	.00108	.00084
SDev	.00095	.00028	.00014	.00078	.00003	.00088
%RSD	44.737	39.953	19.77	42.418	3.4767	105.2

Elems	*Y
Units	
Avge	5702.4
SDev	1.27299
%RSD	.02232

Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/25/08 20:32 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21182	.00970	.02279	.00222	.00209	.48475
SDev	.00551	.00235	.00011	.0001	.00012	.00366
%RSD	2.6015	24.291	.4831	4.6157	5.8622	.75641

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00460	.00462	.00957	.06497	.48619
SDev	.00006	.00039	.00031	.00027	.00048	.0246
%RSD	6.865	8.6304	6.7508	2.8709	.74429	5.0606

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20705	.00311	1.0795	.01050	.00059	.00670
SDev	.00086	.00006	.10231	.00127	.00212	.00157
%RSD	.41858	2.183	9.4773	12.111	360.01	23.423

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00466	.01426	.02130	.01114	.01582	.00531
SDev	.00033	.00171	.00356	.00039	.00236	.00031
%RSD	7.2692	12.001	16.732	3.5796	14.967	5.9519

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02034	.00547	.01129	.01039	.00390	.01059
SDev	.00031	.00045	.00005	.00099	.00045	.00142
%RSD	1.5307	8.2416	.49806	9.5945	11.78	13.474

Elems	*Y
Units	
Avge	5925.6
SDev	43.0627
%RSD	.72672

Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/25/08 20:37 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	562.60	.00189	.00389	.00096	.00108	554.79
SDev	30.369	.00065	.00203	.00001	.0004	31.84
%RSD	5.3979	34.417	52.263	1.1903	37.725	5.7391

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00125	.00083	-.00063	-.00220	213.33	.02679
SDev	.00004	.0004	.00005	.00023	11.311	.00559
%RSD	3.4707	47.994	9.2291	10.516	5.3022	20.864

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	548.77	-.00039	.23444	.00089	.02512	-.01417
SDev	26.045	.00007	.00349	.00027	.00788	.00566
%RSD	4.746	18.083	1.4928	30.286	31.369	39.952

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00108	.00181	-.00057	-.01233	.00888	.00082
SDev	.00115	.00159	.00601	.01014	.00268	.00023
%RSD	106.19	87.907	1041.7	82.278	30.169	28.001

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00976	.00137	-.00365	.00674	.00162	-.00024
SDev	.00712	.00014	.00042	.00124	.00001	.0013
%RSD	72.96	10.84	11.558	18.483	.8076	530.04

Elems	*Y
Units	
Avge	5106.08
SDev	210.753
%RSD	4.12749

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/25/08 20:42 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	558.30	.11578	.02480	.56652	.52501	542.98
SDev	23.679	.00751	.00089	.02313	.02095	24.401
%RSD	4.2412	6.4901	3.6215	4.0844	3.9916	4.4938

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0310	.51137	.53869	.55653	104.08	.01770
SDev	.04125	.0217	.0226	.02203	4.2839	.0012
%RSD	4.0017	4.245	4.1971	3.9587	4.1159	6.7807

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	531.67	.52346	.36523	1.0109	.07975	.03518
SDev	20.184	.02162	.15085	.03944	.00673	.00063
%RSD	3.7964	4.1304	41.305	3.9017	8.4452	1.7934

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05002	.04950	.67700	.04782	.05034	.00234
SDev	.00266	.00429	.02689	.00059	.00614	.00034
%RSD	5.3248	8.6738	3.9721	1.2519	12.2	14.658

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10770	.54568	1.0197	.00552	.23107	.00084
SDev	.0001	.02248	.0391	.00146	.00916	.00288
%RSD	.094	4.1206	3.8354	26.464	3.9644	342.23

Elems	*Y
Units	
Avge	5153.03
SDev	185.722
%RSD	3.60412

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/25/08 20:50 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.320	.48855	.49804	.50714	.50258	24.583
SDev	.09567	.00362	.00048	.00097	.00072	.08469
%RSD	.37788	.74197	.0964	.19164	.14396	.34453

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48885	.49012	.51294	.49568	24.608	24.784
SDev	.00157	.00113	.00199	.00149	.08153	.05412
%RSD	.32239	.23086	.38797	.30062	.33133	.21838

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.693	.50364	24.755	.49917	.50175	.49918
SDev	.01917	.00077	.16913	.00235	.00216	.00026
%RSD	.07765	.1545	.68323	.47091	.43106	.05229

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50004	.50251	.50153	.51117	.49819	.51654
SDev	.00089	.00004	.00325	.00607	.00311	.00189
%RSD	.17885	.00993	.64806	1.1879	.62445	.36694

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49825	.49304	.50020	.50354	.50330	.49446
SDev	.00554	.00263	.00135	.00135	.00247	.00003
%RSD	1.1124	.53471	.27027	.26984	.49172	.00644

Elems	*Y
Units	
Avge	5757.98
SDev	29.1682
%RSD	.50656

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/25/08 20:55 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01897	-.00012	.00244	.00029	.00019	.01880
SDev	.01265	.00141	.00068	.00006	.00005	.0088
%RSD	66.685	1104.4	28.002	22.976	27.544	46.814

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00092	.00040	.00075	.02224	.00191
SDev	.00021	.0003	.00005	.00009	.00082	.00995
%RSD	451.12	33.238	14.774	12.778	3.7039	520.24

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01971	.00012	.18096	.00027	-.00364	-.00075
SDev	.01183	.00009	.07514	.00006	.00089	.00049
%RSD	60.032	76.146	41.527	22.898	24.646	65.633

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	.00001	.00070	-.00421	.00212	.00036
SDev	.00062	.00648	.0019	.00817	.00564	.00021
%RSD	36.626	50881	271.76	193.98	265.73	60.125

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00041	.00063	.00187	.00055	.00141
SDev	.00313	.00014	.00089	.00195	.00008	.00023
%RSD	3039.6	34.294	140.34	104.19	15.265	16.975

Elems	*Y
Units	
Avge	5767.65
SDev	26.3042
%RSD	.45606

Method: TRACE1 Sample Name: AD854657 Operator: TWS
Run Time: 09/25/08 21:00 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3219	.00389	.24790	.65335	.00138	159.08
SDev	.00265	.00129	.00073	.00009	.00001	.07733
%RSD	.20052	33.253	.29654	.01388	1.3562	.04861

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.01348	.00206	.01310	1.2311	3.9604
SDev	.00019	.00015	.00048	.00024	.0112	.00341
%RSD	8.0313	1.1792	23.628	1.9006	.90995	.08632

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.686	3.8580	H1161.9	.01668	.01475	.01817
SDev	.00502	.00214	1.1498	.00021	.00251	.0018
%RSD	.01587	.05568	.09896	1.3066	17.03	9.9173

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01703	.00247	.00161	-.00068	.00406	.02640
SDev	.00203	.00104	.00352	.00127	.00093	.00044
%RSD	11.968	42.319	219.21	184.68	23.045	1.6744

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.00244	.10872	.00300	.00000	-.00043
SDev	.00125	.00031	.00091	.00126	.00002	.00205
%RSD	289.51	12.968	.84235	42.029	383.81	472.41

Elems	*Y
Units	
Avge	5306.7
SDev	21.0012
%RSD	.39574

Method: TRACE1 Sample Name: AD854658 Operator: TWS
Run Time: 09/25/08 21:05 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0570	.00554	.21518	.78224	.00121	120.85
SDev	.00291	.0006	.00137	.00107	.00002	.15297
%RSD	.27562	10.934	.63758	.13735	1.737	.12658

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.01150	.00168	.00309	10.443	3.7509
SDev	.00004	.00008	.00047	.00005	.01461	.01275
%RSD	5.1622	.72048	28.151	1.6316	.13998	.33998

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3906	1.1504	H1159.2	.01207	.50474	.51006
SDev	.00081	.00135	.09011	.0008	.00378	0
%RSD	.02391	.1177	.00777	6.6855	.74909	.00121

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50829	.00521	-.00054	-.00169	.00866	.01789
SDev	.00125	.00057	.00212	.00423	.00125	.00027
%RSD	.24689	11.048	387.35	250.59	14.463	1.5597

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00236	.00192	.04471	.00525	.00066	.00013
SDev	.00117	.00015	.0004	.00254	.00042	.0009
%RSD	49.489	8.2235	.91477	48.49	63.873	664.68

Elems	*Y
Units	
Avge	5278.95
SDev	8.90926
%RSD	.16876

Method: TRACE1 Sample Name: AD854659 Operator: TWS
Run Time: 09/25/08 21:10 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2823	.00804	.39114	1.0173	.00135	197.11
SDev	.00538	.00152	.00096	.00134	.00004	.27779
%RSD	.23581	18.992	.24677	.13174	3.6597	.14093

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.03466	.00307	.00552	31.707	5.2189
SDev	.00013	.00005	.00032	.00023	.03812	.02628
%RSD	16.044	.16959	10.511	4.2778	.12025	.50357

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5391	8.7415	H1159.5	.03173	.11220	.11728
SDev	.00513	.00396	.25955	.00101	.00186	.00078
%RSD	.07859	.04534	.02238	3.2007	1.6641	.67059

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11559	.00617	-.00356	.00068	.00891	.05744
SDev	.00009	.00061	.00384	.00009	.00087	.00488
%RSD	.08407	10.022	107.85	14.391	9.8536	8.5029

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.00383	.09823	.00344	.00007	.00160
SDev	.00594	.00016	.00006	.00191	.00021	.00014
%RSD	1837.3	4.3045	.0678	55.663	266.66	9.2365

Elems	*Y
Units	
Avge	5295.53
SDev	12.1976
%RSD	.23033

Method: TRACE1 Sample Name: AD854660 Operator: TWS
Run Time: 09/25/08 21:15 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7481	.00356	.58185	.82664	.00169	37.750
SDev	.00023	.00086	.00024	.00078	0	.01034
%RSD	.01324	24.331	.04149	.09517	.32913	.02741

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.01505	.00412	.00598	69.260	4.0335
SDev	.00016	.00017	.00051	.00035	.0001	.01759
%RSD	168.1	1.1454	12.401	5.9054	.00014	.43619

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3968	2.6751	H1165.8	.02097	.10564	.10675
SDev	.00408	.01227	.30452	.00031	.00012	.00006
%RSD	.12015	.45895	.02612	1.4806	.12091	.06406

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10638	.00125	.00285	-.00198	.00287	.03123
SDev	.00008	.00329	.00476	.00183	.00402	.00225
%RSD	.08286	262.45	167.12	92.746	140.1	7.2237

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	.00260	.10995	.00432	.00056	-.00010
SDev	.00116	.00014	.00026	.00086	.0003	.0002
%RSD	131.45	5.5534	.23949	19.971	54.16	188.33

Elems	*Y
Units	
Avge	5258.03
SDev	12.6219
%RSD	.24005

Method: TRACE1 Sample Name: AD854661 Operator: TWS
Run Time: 09/25/08 21:20 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40228	.00198	.21537	.71451	.00106	814.58
SDev	.00008	.00096	.00269	.00134	.00003	.7951
%RSD	.02188	48.565	1.2517	.18777	2.8438	.0976

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00720	.02168	.00085	.00792	.55610	4.2403
SDev	.00013	.00008	.00025	.00037	.00478	.00137
%RSD	1.8713	.38881	29.633	4.7164	.86111	.03251

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.017	4.5860	H1160.9	.05328	.01381	.01713
SDev	.05138	.02074	.69864	.00038	.00034	.00077
%RSD	.51297	.45224	.06017	.72348	2.504	4.4963

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01602	.00228	-.00075	-.00233	.00460	.00882
SDev	.00039	.00287	.00028	.00425	.00218	.00121
%RSD	2.4866	125.51	37.584	182.58	47.413	13.745

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00094	.10117	.00133	-.00002	.00256
SDev	.00297	0	.0005	.0019	.0006	.00079
%RSD	1629.1	.08342	.50405	142.25	2510.5	31.095

Elems	*Y
Units	
Avge	5313.98
SDev	6.89429
%RSD	.12973

Method: TRACE1 Sample Name: AD854662 Operator: TWS
Run Time: 09/25/08 21:25 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13356	.00520	.19535	.83184	.00123	518.21
SDev	.00016	.00131	.00101	.00149	.00004	2.1076
%RSD	.12125	25.177	.52056	.17981	3.3205	.40671

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.01855	.00058	.00113	3.3370	4.7554
SDev	.00004	.00033	.00022	.00006	.0229	.01633
%RSD	3.8377	1.8035	38.811	5.622	.6863	.34351

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.797	3.3028	H1176.9	.02605	.02707	.03536
SDev	.05553	.0155	1.2846	.00111	.0018	.00048
%RSD	.47076	.46935	.10915	4.2851	6.6621	1.3838

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03260	.00418	-.00313	-.00355	.00805	.00191
SDev	.00092	.00453	.00288	.00052	.00653	.00006
%RSD	2.8433	108.26	92.235	14.633	81.125	3.5287

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00393	.00078	.14605	.00331	.00078	.00000
SDev	.00108	.00015	.00097	.00041	.00011	.00085
%RSD	27.503	19.569	.66433	12.645	15.201	73544

Elems	*Y
Units	
Avge	5245.28
SDev	23.0165
%RSD	.4388

Method: TRACE1 Sample Name: AD854663 Operator: TWS
Run Time: 09/25/08 21:30 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69696	.00099	.54053	.87589	.00144	60.372
SDev	.00164	.00132	.00057	.00021	0	.05399
%RSD	.23645	132.19	.10726	.02418	.20988	.08944

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.01656	.00239	.01447	15.479	3.3712
SDev	.00004	.0002	.00079	.00045	.01256	.00475
%RSD	8.966	1.239	33.087	3.1244	.08116	.1411

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.444	1.4651	H1169.3	.01956	.01358	.02045
SDev	.0425	.00264	.26645	.00058	.00041	.00007
%RSD	.27523	.18066	.02278	2.989	3.0566	.37541

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01816	-.00090	.00051	-.00681	.00205	.00373
SDev	.00018	.0002	.00134	.00588	.00263	.00011
%RSD	1.043	22.777	264.19	86.319	128.42	3.1582

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00282	.00073	.10474	.00452	.00069	.00017
SDev	.00244	.00015	.00029	.00149	.0001	.0005
%RSD	86.345	21.012	.27724	33.048	15.278	295.6

Elems	*Y
Units	
Avge	5259.6
SDev	1.69698
%RSD	.03226

Method: TRACE1 Sample Name: AD854664 Operator: TWS
Run Time: 09/25/08 21:35 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25620	.00706	.14352	1.4454	.00127	553.04
SDev	.00117	.00027	.00038	.00257	0	1.0888
%RSD	.45672	3.8402	.2666	.17794	.57657	.19688

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00313	.01207	.00079	.00695	.48983	5.0422
SDev	.00009	.00034	.00014	.00036	.00228	.00541
%RSD	3.0623	2.8744	18.763	5.2908	.46616	.10743

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8771	3.5646	H1187.7	.01329	.04056	.04631
SDev	.03888	.01668	.06387	.00049	.006	.00037
%RSD	.43802	.46805	.00537	3.6976	14.793	.80969

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04440	.00314	-.00139	-.00073	.00508	.00472
SDev	.00224	.00013	.00086	.00229	.00134	.00037
%RSD	5.0639	4.2216	62.169	313.71	26.442	8.0153

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00126	.00143	.57811	.00240	.00029	.00042
SDev	.00249	.00031	.00296	0	.00039	.00016
%RSD	197.99	22.135	.51357	.26428	134.28	37.314

Elems	*Y
Units	
Avge	5091.83
SDev	14.3189
%RSD	.28121

Method: TRACE1 Sample Name: AD854665 Operator: TWS
Run Time: 09/25/08 21:40 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43078	.00721	.15959	1.2577	.00158	149.35
SDev	.00154	.00043	.00183	.0028	0	.32171
%RSD	.35936	6.0585	1.1491	.22265	.28173	.21541

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.01730	.00147	.00343	19.720	3.5730
SDev	.00007	.00073	.00047	.00019	.03342	.01808
%RSD	9.9782	4.2227	32.366	5.5944	.1695	.50617

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.8857	3.0804	H1162.7	.02143	.02472	.03172
SDev	.00651	.00486	1.6465	.00002	.00114	.00238
%RSD	.1333	.15794	.1416	.13174	4.6391	7.5312

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02939	.00423	.00000	-.00498	.00884	.00477
SDev	.00197	.0007	.00357	.00011	.001	.0012
%RSD	6.7211	16.671	82265	2.2911	11.326	25.173

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	.00085	.05162	.00349	.00043	-.00145
SDev	.00239	.00015	.00002	0	.00029	.0017
%RSD	141.8	18.154	.04601	.10852	68.028	117.15

Elems	*Y
Units	
Avge	5300.25
SDev	2.33365
%RSD	.04402

Method: TRACE1 Sample Name: AD854666 Operator: TWS
Run Time: 09/25/08 21:45 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8458	.00538	.23798	.97077	.00150	62.451
SDev	.01159	.00027	.00028	.00058	.00005	.09151
%RSD	.62829	5.1565	.11916	.06003	3.5844	.14653

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.02770	.00341	.00282	66.262	4.1058
SDev	.00007	.00015	.00025	.00018	.10956	.00411
%RSD	28.43	.56692	7.3713	6.596	.16534	.10031

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.838	1.5027	H1160.7	.04716	.01532	.01848
SDev	.00083	.00126	1.2001	.00012	.00063	.00081
%RSD	.00767	.0841	.10338	.26273	4.1713	4.4179

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01743	.00597	.00008	.00359	.00716	.03626
SDev	.00075	.00091	.00739	.00289	.00007	.00141
%RSD	4.3457	15.285	8461.1	80.468	1.0657	3.9071

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00221	.00388	.13970	.00588	.00033	.00006
SDev	.00089	.00014	.00026	.00187	.00062	.00113
%RSD	40.41	3.774	.1871	31.825	185.9	1725.4

Elems	*Y
Units	
Avge	5363.4
SDev	9.97027
%RSD	.18589

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/25/08 21:53 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.311	.48696	.49376	.50507	.50064	24.427
SDev	.01691	.00334	.00123	.00028	.00158	.00987
%RSD	.06683	.68772	.24992	.05595	.31675	.04043

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48160	.48630	.51011	.49446	24.406	24.679
SDev	.00199	.00063	.00005	.00121	.02242	.04898
%RSD	.41415	.13091	.01143	.24554	.09189	.19848

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.703	.49992	24.728	.49687	.49861	.49833
SDev	.0596	.001	.00386	.00064	.00033	.00407
%RSD	.24127	.20034	.01562	.12896	.06703	.81781

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49842	.49674	.49859	.50926	.49048	.51347
SDev	.0026	.00048	.00218	.0051	.00182	.00066
%RSD	.52305	.09677	.43881	1.0016	.37294	.12951

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48988	.49057	.49757	.49604	.50173	.49357
SDev	.00162	.00045	.00153	.00171	.00037	.00143
%RSD	.33112	.0922	.30949	.34628	.07405	.29122

Elems	*Y
Units	
Avge	5747.03
SDev	9.65193
%RSD	.16794

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/25/08 21:58 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00514	.00063	.00111	.00030	.00012	.01660
SDev	.00538	.00018	.00046	.00001	.00002	.00146
%RSD	104.62	29.462	41.665	4.8679	17.346	8.8307

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00031	.00024	.00056	.01509	.01247
SDev	.00008	.0007	.00024	.00046	.00923	.01365
%RSD	77.673	224.22	101.36	81.007	61.143	109.46

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02015	.00016	.07890	-.00016	-.00115	-.00177
SDev	.0033	.00002	.08513	.00002	.00314	.00195
%RSD	16.381	18.091	107.88	17.3	272.78	109.93

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	.00056	-.00030	-.00447	.00308	.00036
SDev	.00025	.00041	.00098	.00204	.00039	.00013
%RSD	16.372	74.439	320.78	45.675	12.878	35.817

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00130	.00001	.00010	.00175	.00046	.00130
SDev	.00177	.00042	.00015	.00097	.00006	.00257
%RSD	136.54	2803.6	139.99	55.829	14.146	196.7

Elems	*Y
Units	
Avge	5797.05
SDev	26.3045
%RSD	.45375

Method: TRACE1 Sample Name: AD854667 Operator: TWS
Run Time: 09/25/08 22:03 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41566	.00709	.18064	.08880	.00162	500.62
SDev	.00151	.00003	.00041	.00002	.00002	.32073
%RSD	.36535	.45542	.23002	.0266	1.6148	.06406

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.02882	.00144	.00454	8.8370	4.6301
SDev	.00027	.00047	.00031	.00055	.00134	.01491
%RSD	17.406	1.6439	21.482	12.256	.01523	.32208

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7783	3.4286	H1180.5	.05071	.09898	.10472
SDev	.00436	.00235	.45627	.00017	.00022	.00137
%RSD	.11543	.06863	.03865	.34307	.22264	1.3151

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10281	.00447	-.00115	.00597	.00373	.00332
SDev	.00084	.00489	.00455	.00762	.00353	.0003
%RSD	.82213	109.27	393.54	127.56	94.62	9.263

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00432	.00088	.19920	.00364	.00060	.00040
SDev	.00237	.00015	.00035	.00128	.00014	.00126
%RSD	54.913	17.675	.17849	35.135	24.192	312.07

Elems	*Y
Units	
Avge	5271.75
SDev	.84832
%RSD	.01609

Method: TRACE1 Sample Name: AD854668 Operator: TWS
Run Time: 09/25/08 22:08 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6049	.00611	.52789	.95698	.00171	60.054
SDev	.0029	.00031	.00073	.00151	.00003	.0684
%RSD	.18119	5.1962	.13989	.15878	2.2817	.1139

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.01884	.00431	.00549	54.781	3.8636
SDev	.00018	.00037	.00051	.00017	.06423	.00059
%RSD	28.912	1.989	11.98	3.1835	.11726	.01546

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.050	2.6959	H1142.8	.02692	.01605	.01988
SDev	.03292	.00563	.53982	.0008	.00087	.00218
%RSD	.32758	.209	.04723	2.9863	5.4606	10.97

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01860	.00321	.00092	-.00072	.00518	.02790
SDev	.00116	.00127	.00028	.00022	.00202	.00427
%RSD	6.2487	39.584	31.12	31.451	39.017	15.312

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	.00237	.10729	.00439	.00065	-.00030
SDev	.00118	.0003	.00029	.00277	.00023	.0004
%RSD	61.896	13.014	.27109	63.158	36.094	133.81

Elems	*Y
Units	
Avge	5259.38
SDev	6.25796
%RSD	.11898

Method: TRACE1 Sample Name: AD854669 Operator: TWS
Run Time: 09/25/08 22:14 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43148	.00765	.14827	.96337	.00162	185.92
SDev	.00337	.00003	.00105	.00372	.00002	.53942
%RSD	.78265	.46337	.71029	.38628	1.5831	.29013

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.01425	.00267	.00138	49.740	3.4337
SDev	.00011	.00044	.00021	.00081	.10628	.0017
%RSD	27.678	3.1261	8.1486	59.136	.21367	.04968

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.659	3.1675	H1292.9	.02309	.01948	.01904
SDev	.0963	.0132	4.6159	.0006	.0015	.00064
%RSD	.76072	.417	.357	2.6004	7.7232	3.3974

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01919	.00606	-.00200	.00410	.00703	.00181
SDev	.00093	.00258	.00201	.00744	.00014	.00001
%RSD	4.86	42.617	100.49	181.44	2.1258	.84338

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00107	.04689	.00583	.00033	.00129
SDev	.0028	.00013	.00043	.00038	.00085	.00132
%RSD	634.64	12.867	.92855	6.6803	252.48	102.14

Elems	*Y
Units	
Avge	5268.38
SDev	48.6844
%RSD	.92408

Method: TRACE1 Sample Name: AD854669/L (1:5) Operator: TWS
Run Time: 09/25/08 22:19 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08390	-.00027	.02684	.18053	.00035	34.867
SDev	.00042	.0007	.00073	.00018	.00002	.00751
%RSD	.50376	257.02	2.7214	.104	7.4417	.02154

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00322	.00061	.00048	9.4294	.46848
SDev	.0001	.00009	.00029	.00002	.01291	.00027
%RSD	85.548	3.0631	47.2	5.7306	.137	.0589

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4131	.59845	328.23	.00474	-.00040	.00558
SDev	.00115	.00098	.25834	.00051	.00029	.00133
%RSD	.04799	.1644	.0787	10.867	72.276	23.887

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00358	-.00094	-.00113	-.00760	.00237	.00060
SDev	.00098	.00127	.00149	.00144	.00119	.00001
%RSD	27.499	134.45	132.02	18.968	50.079	1.9764

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	.00030	.00896	.00082	.00070	-.00022
SDev	.00215	0	.00017	.00098	.00036	0
%RSD	115.16	.29061	1.9933	119.23	52.203	.173

Elems	*Y
Units	
Avge	5688.6
SDev	16.9706
%RSD	.29832

Method: TRACE1 Sample Name: AD854669/PS Operator: TWS
Run Time: 09/25/08 22:24 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43042	1.1497	.14675	2.1110	1.1180	185.96
SDev	.0075	.00309	.00134	.00039	.00027	.33343
%RSD	1.7434	.26911	.91398	.01878	.02492	.1793

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1058	1.0706	1.1253	1.1167	49.780	3.4139
SDev	.00256	.00127	.00253	.00106	.09053	.01322
%RSD	.23221	.11953	.22503	.09501	.18186	.38752

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.660	4.2796	H1305.0	1.1165	1.1293	1.1359
SDev	.00562	.00254	1.3828	.00479	.00766	.00504
%RSD	.0444	.05955	.10596	.42955	.6784	.44373

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1337	1.1686	1.1361	1.1953	1.1553	.00183
SDev	.00591	.0021	.00837	.00225	.00203	.00019
%RSD	.52156	.18006	.73676	.18833	.17579	10.507

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1095	1.1363	1.1740	.00453	1.1766	1.1345
SDev	.00833	.00281	.00084	.0013	.00171	.00702
%RSD	.75142	.24734	.07222	28.742	.14603	.61965

Elems	*Y
Units	
Avge	5175.6
SDev	4.24264
%RSD	.08197

Method: TRACE1 Sample Name: AD854670/MS Operator: TWS
Run Time: 09/25/08 22:29 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43199	1.0786	.14610	2.0266	1.0495	183.45
SDev	.00041	.00283	.00139	.00323	.00133	.10831
%RSD	.09662	.26243	.95496	.15974	.12705	.05904

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0621	1.0136	1.0618	1.1059	49.133	3.3518
SDev	.00125	.00074	.00008	.00127	.01345	.01141
%RSD	.11848	.0735	.00805	.11521	.02737	.34046

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.493	4.1772	H1281.2	1.0629	1.0134	1.0139
SDev	.02291	.0028	1.0815	.0008	.00142	.00439
%RSD	.18339	.06717	.0844	.07589	.14104	.43384

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0138	1.1098	.94371	1.1380	1.0958	.00228
SDev	.00341	.00272	.00362	.01387	.00285	.00067
%RSD	.33638	.24549	.38437	1.2193	.26018	29.285

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0556	1.0748	1.1229	.00315	1.0668	1.0505
SDev	.00176	.00155	.00256	.0002	.00041	.00277
%RSD	.16692	.1444	.22802	6.4832	.0392	.2642

Elems	*Y
Units	
Avge	5297.1
SDev	8.27328
%RSD	.15618

Method: TRACE1 Sample Name: AD854671/SD Operator: TWS
Run Time: 09/25/08 22:34 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42725	1.0700	.14544	2.0322	1.0456	183.21
SDev	.00154	.00304	.00283	.00275	.00501	.38059
%RSD	.36151	.28427	1.9516	.13554	.4792	.20773

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0509	1.0102	1.0613	1.1096	49.067	3.3670
SDev	.005	.00367	.00194	.00159	.11454	.02179
%RSD	.47625	.36401	.18316	.14382	.23344	.6474

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.457	4.1605	H1288.6	1.0636	1.0074	1.0162
SDev	.0537	.01651	.8068	.00138	.00484	.00005
%RSD	.43109	.39685	.06261	.13062	.4806	.00549

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0133	1.1019	.94253	1.1254	1.0902	.00191
SDev	.00164	.0033	.00689	.00451	.00269	.00056
%RSD	.16279	.2995	.73108	.40118	.24701	29.292

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0391	1.0751	1.1147	.00514	1.0707	1.0433
SDev	.00682	.00116	.00399	.00043	.00075	.00125
%RSD	.65687	.10799	.35808	8.484	.07029	.11999

Elems	*Y
Units	
Avge	5228.25
SDev	3.39431
%RSD	.06492

Method: TRACE1 Sample Name: AD854672 Operator: TWS
Run Time: 09/25/08 22:39 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2121	.00647	.55365	1.3389	.00144	273.81
SDev	.00067	.00042	.00343	.00288	.00005	.06601
%RSD	.05578	6.6367	.62056	.2152	4.0826	.0241

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.02099	.00286	.00611	13.787	15.842
SDev	0	.00042	.00006	.0002	.02402	.00891
%RSD	.70245	2.0123	2.1911	3.3316	.17423	.05625

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.071	5.3923	H1331.0	.03155	.14894	.15433
SDev	.01375	.00354	1.6042	.00024	.00074	.00238
%RSD	.08058	.06571	.12052	.77343	.49944	1.5457

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15254	.00366	.00255	.00026	.00536	.02422
SDev	.00183	.0034	.00014	.00453	.00283	.00142
%RSD	1.2055	92.764	5.6574	1687.4	52.821	5.8738

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.00270	.05385	.00659	.00088	.00242
SDev	.00232	0	.00001	.00022	.00044	.00025
%RSD	163.2	.01944	.0238	3.4228	50.466	10.688

Elems	*Y
Units	
Avge	5118.23
SDev	1.16665
%RSD	.02279

Method: TRACE1 Sample Name: A8B47201/SOL Operator: TWS
Run Time: 09/25/08 22:47 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02062	.01231	.00460	.14385	-.00088	73.984
SDev	.00005	.00141	.00009	.00071	0	.11577
%RSD	.27067	11.492	2.0914	.49837	.68419	.15648

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00131	.00016	.00029	.54018	4.0460
SDev	.00012	.00028	.00013	.00006	.0007	.03782
%RSD	67.556	21.304	83.428	20.695	.13035	.93477

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.890	.08994	28.091	.00740	-.00673	.00145
SDev	.11057	.0001	.03999	0	.00106	.00081
%RSD	.22164	.11797	.14239	.12821	15.737	55.908

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00127	-.00013	-.00380	.00351	-.00196	-.00008
SDev	.00019	.00138	.00155	.00314	.00365	.00014
%RSD	14.988	997.58	40.73	89.397	185.73	170.41

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00047	.00126	.00397	.00089	.00113
SDev	.00011	0	.00037	.00033	0	.0003
%RSD	92.693	.17664	29.284	8.4796	1.0712	27.097

Elems	*Y
Units	
Avge	6645.15
SDev	46.2447
%RSD	.69591

Method: TRACE1 Sample Name: A8B47204/SOL Operator: TWS
Run Time: 09/25/08 22:52 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01478	.49353	1.8337	.31373	-.00094	46.988
SDev	.00149	.0017	.00475	.00054	.00005	.18018
%RSD	10.09	.34632	.25955	.17292	5.4708	.38347

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00536	.00328	.00026	6.2661	107.14
SDev	.00023	.00011	.00053	.00029	.03252	.22924
%RSD	132.04	2.1292	16.424	111.16	.51902	.21396

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	81.221	.06178	H503.70	.07799	-.00910	.00174
SDev	.04757	.00019	.62165	.00037	.00088	.00094
%RSD	.05857	.32329	.12341	.48704	9.742	54.375

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	.00425	-.00038	.00418	.00429	.00077
SDev	.00092	.00127	.00073	.0015	.00115	.00024
%RSD	49.56	29.866	189.91	35.995	26.881	31.199

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	.00195	.00289	.00862	.00084	-.00074
SDev	.00098	.00051	.00014	.00014	.00028	.00086
%RSD	77.446	26.119	5.0765	1.6875	33.123	115.14

Elems	*Y
Units	
Avge	6477.15
SDev	26.7285
%RSD	.41265

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/25/08 23:00 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.356	.49084	.50133	.50775	.50812	24.707
SDev	.04158	.00108	.00166	.00081	.0015	.01333
%RSD	.164	.22048	.33296	.16058	.29526	.05396

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49325	.49278	.51666	.49422	24.694	24.664
SDev	.00158	.00005	.00023	.00072	.00089	.09059
%RSD	.32115	.0113	.04587	.1469	.00363	.3673

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.028	.50632	24.536	.50138	.50453	.50526
SDev	.0752	.00128	.09027	.00109	.00129	.00318
%RSD	.30049	.25289	.36792	.21908	.25686	.6296

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50502	.50629	.49999	.50866	.50511	.51677
SDev	.00255	.00289	.00092	.00814	.00027	.0006
%RSD	.5056	.57275	.18588	1.602	.05452	.11794

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49631	.49442	.50909	.50328	.50349	.49804
SDev	.00165	.00085	.00296	.00194	.00086	.00343
%RSD	.33273	.17379	.58274	.38664	.17144	.69063

Elems	*Y
Units	
Avge	5759.33
SDev	6.68229
%RSD	.11602

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/25/08 23:05 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00847	-.00078	.00197	.00022	.00004	.00461
SDev	.00218	.00045	.00009	.00003	0	.00145
%RSD	25.741	57.971	4.7518	15.846	3.217	31.603

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00054	.00044	.00092	.01627	-.00615
SDev	.00005	.00031	.00011	.00002	.00084	.00412
%RSD	70.734	57.259	25.596	2.8154	5.2198	67.068

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00272	.00000	.15855	-.00012	-.00466	-.00035
SDev	.00374	.00003	.07095	.00029	.00009	.0011
%RSD	137.85	319.51	44.753	240.28	2.0687	310.26

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00178	.00067	.00109	-.00884	.00543	.00071
SDev	.0007	.00233	.00232	.00814	.00057	.00002
%RSD	39.258	344.29	212.03	92.123	10.572	3.0638

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00139	.00051	.00054	.00256	.00055	.00080
SDev	.00017	0	.00044	.00058	.00011	.00074
%RSD	12.264	.12766	82.562	22.994	20.307	92.432

Elems	*Y
Units	
Avge	5722.58
SDev	.95431
%RSD	.01667

Method: TRACE1 Sample Name: AD854944/PB Operator: TWS
Run Time: 09/25/08 23:10 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.00137	.00229	.00035	-.00035	.06119
SDev	.00077	.00025	.00048	0	.00003	.00065
%RSD	208.06	18.843	20.951	.19043	9.1961	1.068

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00061	.00028	.00083	.02875	.03840
SDev	.00013	.00009	.0001	.00055	.00399	.02761
%RSD	64.663	16.221	37.866	65.979	13.877	71.9

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	.00023	.12368	-.00023	-.00307	.00028
SDev	.00159	.00002	.07451	.00026	.00007	.00163
%RSD	37.525	12.717	60.243	114.34	2.3828	573.33

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	.00198	-.00280	-.00411	.00503	.00087
SDev	.00106	.00099	.00165	.00248	.00025	.00007
%RSD	127.87	50.329	58.804	60.299	5.0789	8.2521

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	.00059	.00430	H.03296	.00046	.00080
SDev	.00021	.0004	.00056	.00144	.00004	.00221
%RSD	14.654	67.441	13.117	4.3688	9.5753	275.97

Elems	*Y
Units	
Avge	6111.38
SDev	6.68195
%RSD	.10933

Method: TRACE1 Sample Name: AD854943/CLPSL Operator: TWS
Run Time: 09/25/08 23:15 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.902	1.3298	1.5081	2.2838	1.2500	99.085
SDev	.17409	.00457	.00131	.00177	.0028	.03371
%RSD	.20266	.34422	.08748	.07785	.22473	.03402

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1473	1.4631	H2.6004	1.7446	141.40	50.217
SDev	.00086	.00094	.00017	.00224	.07154	.13334
%RSD	.0755	.06482	.00663	.12881	.05059	.26552

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.966	5.3634	8.6929	1.4222	1.6805	1.6714
SDev	.08136	.00815	.02158	.00151	.00023	.00062
%RSD	.17324	.15205	.24826	.10628	.01373	.03758

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6744	.98558	.61585	1.0097	.97353	4.7699
SDev	.00049	.00339	.00028	.00737	.00141	.00921
%RSD	.02961	.3449	.04609	.72994	.14523	.19313

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6239	1.2449	2.8438	.97398	.85772	1.2951
SDev	.00229	.00308	.00387	.00177	.00144	.00456
%RSD	.14157	.24793	.13608	.18216	.1688	.35252

Elems	*Y
Units	
Avge	6446.55
SDev	4.87931
%RSD	.07568

Method: TRACE1 Sample Name: AD854924 Operator: TWS
Run Time: 09/25/08 23:20 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.151	.01224	.08555	.18763	.00057	28.095
SDev	.07174	.00096	.00086	.00065	.00009	.1514
%RSD	.39529	7.8865	1.0061	.34901	17.039	.53891

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.00933	.05715	.12419	36.762	2.2503
SDev	.00003	.00004	.00087	.00041	.17741	.01713
%RSD	1.8577	.47793	1.5376	.33465	.48259	.76162

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.0336	.31079	1.0548	.02232	.64954	.64310
SDev	.03747	.00119	.09193	.00027	.00657	.00331
%RSD	.5328	.38298	8.7157	1.2408	1.0117	.51558

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64525	.00327	.00585	-.00798	.00891	1.3667
SDev	.00439	.00114	.00039	.00076	.00209	.00588
%RSD	.68189	34.926	6.7666	9.5202	23.541	.43081

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.07131	.42715	.03524	.00045	.00504
SDev	.00341	.00021	.00181	.00089	.0001	.00067
%RSD	1354	.29814	.42431	2.5452	22.794	13.379

Elems	*Y
Units	
Avge	6046.88
SDev	29.5925
%RSD	.48938

Method: TRACE1 Sample Name: AD854925 Operator: TWS
Run Time: 09/25/08 23:25 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.461	.04888	.09605	.27428	.00123	18.268
SDev	.08853	.0027	.00282	.00241	.00013	.0911
%RSD	.39415	5.5357	2.9372	.88104	11.106	.49868

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.00906	.06848	.24649	42.930	1.7142
SDev	.00028	.00012	.00048	.00242	.26514	.02961
%RSD	13.992	1.335	.70708	.98473	.61761	1.7274

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5004	.23981	.82353	.02995	3.7992	3.8054
SDev	.02092	.00091	.10314	.00015	.02722	.01595
%RSD	.38039	.38153	12.524	.53355	.71672	.41926

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8033	.00391	.00461	-.00272	.00724	1.1014
SDev	.0197	.00446	.00088	.00126	.00607	.003
%RSD	.51821	114.02	19.242	46.248	83.859	.27275

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	.07371	.52543	.06051	.00102	.00379
SDev	.00213	.00019	.00247	.00228	.00029	.0005
%RSD	315.45	.259	.47051	3.7753	29.034	13.216

Elems	*Y
Units	
Avge	6082.8
SDev	26.9408
%RSD	.4429

Method: TRACE1 Sample Name: AD854926 Operator: TWS
Run Time: 09/25/08 23:30 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.390	.02524	.01294	.27423	.00291	8.1321
SDev	.00378	.00045	.00053	.00042	0	.00751
%RSD	.01491	1.7967	4.1597	.1552	.19808	.09235

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	.00616	.05100	.17839	36.227	1.2846
SDev	.00007	.00039	.00004	.00014	.00625	.00455
%RSD	2.6214	6.451	.09072	.08361	.01727	.3543

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2826	.20637	.70473	.02928	1.6617	1.6581
SDev	.00256	.00019	.08227	.00004	.0018	.00812
%RSD	.11252	.09315	11.674	.16942	.10892	.4903

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6593	.00659	.00147	-.00216	.01097	.96842
SDev	.00602	.00231	.00075	.00145	.00274	.0029
%RSD	.36312	35.17	51.476	67.328	25.057	.30021

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00245	.06264	.78021	.09807	.00067	.00518
SDev	.00209	.00011	.00053	.00178	.00033	.00074
%RSD	85.321	.19122	.06843	1.8222	49.828	14.451

Elems	*Y
Units	
Avge	6301.8
SDev	12.0912
%RSD	.19186

Method: TRACE1 Sample Name: AD854927 Operator: TWS
Run Time: 09/25/08 23:35 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.767	.04078	.40633	.52742	.00465	10.649
SDev	.01105	.00079	.00182	.00061	.00005	.03232
%RSD	.03005	1.9566	.44919	.11595	1.2635	.30356

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	.01114	.06471	.28362	39.543	1.6287
SDev	.00003	.00013	.00035	.00002	.11566	.00342
%RSD	1.6719	1.2305	.54324	.01023	.29251	.21009

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5810	.23403	.59718	.03120	2.2597	2.2437
SDev	.00993	.00038	.0969	.00043	.01414	.01104
%RSD	.27754	.1661	16.227	1.3978	.62611	.49231

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2490	.00488	.00640	-.00206	.00835	1.2334
SDev	.01207	.00081	.00326	.00213	.00229	.00554
%RSD	.53708	16.78	50.924	103.39	27.461	.44948

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.08059	.60100	.21407	.00115	.00652
SDev	.00017	.00063	.00072	.00231	.00018	.00114
%RSD	17.505	.78583	.12002	1.0822	15.677	17.557

Elems	*Y
Units	
Avge	6642.83
SDev	17.9252
%RSD	.26984

Method: TRACE1 Sample Name: AD854928 Operator: TWS
Run Time: 09/25/08 23:41 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.633	.02318	.32934	.26937	.00149	18.384
SDev	.11464	.00114	.0056	.00394	.00014	.03818
%RSD	.44725	4.9234	1.7016	1.4634	9.4135	.20773

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	.01501	.08708	.18860	48.707	1.7452
SDev	.00003	.00008	.00005	.00186	.19609	.01248
%RSD	2.0515	.55911	.06642	.98883	.4026	.7154

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7995	.32185	1.0461	.03930	1.1869	1.1860
SDev	.03224	.0022	.04085	.00047	.0108	.00891
%RSD	.32906	.68559	3.9049	1.2139	.91037	.75204

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1863	.00600	.00147	-.00593	.01198	1.9277
SDev	.00954	.00296	.00021	.00185	.00351	.01642
%RSD	.80478	49.265	14.562	31.273	29.309	.85195

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00264	.11524	.38032	.06932	.00082	.00991
SDev	.00312	.0008	.00193	.00124	.0003	.00009
%RSD	117.87	.69899	.50758	1.7965	36.443	.94337

Elems	*Y
Units	
Avge	6264.38
SDev	85.5955
%RSD	1.36638

Method: TRACE1 Sample Name: AD854929 Operator: TWS
Run Time: 09/25/08 23:46 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.361	.05436	.23943	.89700	.00505	11.581
SDev	.12327	.00195	.00185	.00496	0	.0008
%RSD	.22677	3.6051	.7748	.55326	.04714	.00696

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.01054	.10141	.40519	61.609	2.4458
SDev	.00031	.0004	.0006	.00152	.02313	.012
%RSD	192.93	3.8549	.59274	.37567	.03755	.491

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.1874	.22400	1.0296	.03515	3.0307	2.9831
SDev	.00851	.00052	.05015	.00005	.00181	.0009
%RSD	.13757	.23352	4.871	.15175	.05979	.0302

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.9990	.00743	.00333	.00035	.01098	1.6751
SDev	.0012	.00001	.00027	.00047	.00026	.00114
%RSD	.04016	.1955	8.1862	134.31	2.3688	.0684

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00347	.12424	.54455	.15437	.00264	.00872
SDev	.00229	.00012	.002	.0008	.00001	.00075
%RSD	66.106	.09722	.36765	.51977	.65984	8.6543

Elems	*Y
Units	
Avge	6270.38
SDev	26.1985
%RSD	.41781

Method: TRACE1 Sample Name: AD854930 Operator: TWS
Run Time: 09/25/08 23:51 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.564	.03360	.10497	.42425	.00332	15.446
SDev	.00013	.00165	.00016	.00031	.0001	.03104
%RSD	.00029	4.9172	.15544	.07474	3.1075	.20099

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00373	.02539	.11733	.28796	82.161	4.0428
SDev	.0001	.00019	.00126	.00102	.14838	.00521
%RSD	2.7827	.76304	1.0763	.35435	.1806	.12904

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9674	.42076	1.7101	.05978	2.1308	2.1112
SDev	.02105	.00089	.14475	.00098	.01428	.00524
%RSD	.23478	.21232	8.465	1.6483	.67022	.24866

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1177	.00681	.00630	-.00024	.01034	2.2893
SDev	.00825	.0018	.0018	.00098	.00319	.0012
%RSD	.38991	26.443	28.609	402.71	30.891	.05274

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00161	.15820	1.9811	.16344	.00208	.00525
SDev	.00087	.00061	.00407	.00017	.0001	.00094
%RSD	53.898	.38806	.20589	.10425	5.2287	17.994

Elems	*Y
Units	
Avge	6381.3
SDev	14.4253
%RSD	.22605

Method: TRACE1 Sample Name: AD854931 Operator: TWS
Run Time: 09/25/08 23:56 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.091	.05573	.21336	.82642	.00100	104.46
SDev	.09342	.0007	.00192	.00288	.00002	.29206
%RSD	.31046	1.2643	.90417	.34874	2.7366	.27958

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	.01908	.10862	.37025	96.414	3.3184
SDev	0	.00004	.00017	.00124	.23864	.00741
%RSD	.26769	.24404	.16359	.33624	.24752	.22359

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.903	.82616	1.6258	.05256	.86372	.85900
SDev	.02696	.00242	.00756	.00057	.00466	.00416
%RSD	.22655	.29315	.46544	1.0963	.53973	.48493

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86058	.00837	.01801	.00263	.01125	2.3723
SDev	.00433	.0001	.00089	.00133	.00082	.00616
%RSD	.50325	1.2408	4.9639	50.813	7.331	.25974

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00122	.15929	1.3766	.05707	.00128	.01523
SDev	.00533	.00019	.00231	.00132	.00005	.00009
%RSD	435.04	.12017	.16851	2.3299	4.3895	.62589

Elems	*Y
Units	
Avge	6133.05
SDev	16.9706
%RSD	.2767

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/26/08 00:04 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.758	.47545	.48095	.49039	.48310	24.036
SDev	.03876	.00179	.00117	.00064	.00183	.07204
%RSD	.15655	.37723	.2441	.1314	.38063	.29973

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47323	.47434	.50010	.47984	23.984	24.851
SDev	.00156	.00122	.00215	.00152	.06442	.05232
%RSD	.33135	.25859	.43188	.31727	.26859	.21053

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.126	.48886	23.974	.48483	.48737	.48856
SDev	.09748	.0014	.04738	.00141	.00598	.00222
%RSD	.40406	.28668	.19767	.2914	1.2273	.45518

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48816	.48641	.48093	.49633	.48146	.50259
SDev	.00347	.00236	.00086	.00381	.00163	.00001
%RSD	.71188	.48567	.17927	.76959	.33932	.00246

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48626	.48228	.48776	.48807	.49164	.48190
SDev	.00055	.0005	.00138	.00274	.00029	.00281
%RSD	.11387	.10537	.28369	.56332	.0607	.58468

Elems	*Y
Units	
Avge	5900.78
SDev	7.95495
%RSD	.13481

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/26/08 00:09 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01127	.00211	.00034	.00033	.00008	.01246
SDev	.0118	.00022	.00026	.0002	.00015	.00914
%RSD	104.69	10.749	77.595	61.554	188.3	73.339

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00049	.00051	.00059	.02630	.00577
SDev	.00021	.00001	.00018	.0003	.00164	.00904
%RSD	315.05	2.4836	36.562	50.378	6.2613	156.62

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01087	.00014	.33167	.00036	-.00297	.00085
SDev	.0118	.00018	.03651	.00012	.00008	.00196
%RSD	108.58	132.83	11.009	33.875	2.9026	229.56

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	-.00205	-.00163	-.00583	-.00016	.00090
SDev	.00128	.00273	.00081	.00128	.00345	.00002
%RSD	307.4	133.26	50.262	22.056	2154	2.3909

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	.00031	.00041	.00299	.00086	.00103
SDev	.00152	0	.00058	.00153	.00021	.00072
%RSD	195.54	.19769	141.95	51.308	25.348	70.286

Elems	*Y
Units	
Avge	5840.85
SDev	11.0309
%RSD	.18885

Method: TRACE1 Sample Name: AD854932 Operator: TWS
Run Time: 09/26/08 00:14 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4455	.03426	.00642	2.7726	.00083	3.6785
SDev	.06709	.00044	.0001	.01038	.00009	.02467
%RSD	.71034	1.2983	1.5974	.37461	11.562	.67081

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00114	.01091	.03829	.18836	194.06	2.7107
SDev	0	.00028	.0004	.00097	1.1911	.00792
%RSD	.14559	2.5764	1.0624	.51532	.61377	.29228

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56667	.28955	.62913	.03346	.15950	.16263
SDev	.01151	.00114	.06476	.00089	.00067	.00193
%RSD	2.032	.39586	10.295	2.6808	.4203	1.1902

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16159	.01664	.01798	.00228	.02382	1.7237
SDev	.00106	.00015	.00312	.00072	.00059	.01738
%RSD	.6608	.9495	17.393	31.785	2.5174	1.0083

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	.10907	.43270	.03645	.00178	.02376
SDev	.0018	.00069	.00444	.00167	.00009	.00105
%RSD	159.44	.63698	1.0275	4.5919	5.0945	4.4385

Elems	*Y
Units	
Avge	6150.6
SDev	39.4568
%RSD	.64151

Method: TRACE1 Sample Name: AD854933 Operator: TWS
Run Time: 09/26/08 00:19 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	113.48	.08246	.02898	.60690	.00403	31.374
SDev	.10848	.00349	.00018	.0009	0	.05654
%RSD	.0956	4.2338	.64462	.1483	.10638	.18024

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.00197	.09977	.15444	.15298	233.79	11.441
SDev	.00001	.00007	.00031	.00091	.39326	.07088
%RSD	.78926	.07365	.2048	.59948	.16821	.61959

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.103	3.4469	.70027	.23793	.09504	.08890
SDev	.06165	.004	.01936	.00045	.00077	.00016
%RSD	.15375	.11627	2.765	.19322	.81139	.18811

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09095	.00223	.00416	-.00665	.00667	.63012
SDev	.00036	.00289	.00234	.0014	.00505	.01104
%RSD	.40502	129.8	56.205	21.116	75.633	1.7533

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.14886	.49393	.03289	.00091	.00108
SDev	.00241	.00017	.00099	.00018	.00043	.00127
%RSD	1772.3	.12048	.20245	.57631	48.113	118.37

Elems	*Y
Units	
Avge	6202.65
SDev	2.12132
%RSD	.0342

Method: TRACE1 Sample Name: AD854934 Operator: TWS
Run Time: 09/26/08 00:24 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.783	.04247	.11128	.17892	.00185	907.75
SDev	.18448	.00355	.00023	.00115	.00005	9.421
%RSD	.80976	8.378	.20772	.64379	2.8992	1.0378

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00052	.03230	.03669	.10212	65.121	12.433
SDev	.00009	.00035	.00061	.00037	.60295	.06685
%RSD	17.468	1.1145	1.6696	.36963	.9259	.53772

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	109.69	2.8359	.91868	.06911	.06714	.07485
SDev	.92843	.02182	.04152	.00063	.00242	.00109
%RSD	.8464	.76965	4.5195	.91704	3.6144	1.4579

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07228	-.00032	-.00258	-.00458	.00180	.28542
SDev	.00153	.00496	.00144	.00438	.00525	.00367
%RSD	2.1249	1524.6	55.834	95.683	291.08	1.2861

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	.04037	.19176	.02673	.00098	.00087
SDev	.00049	.00034	.00232	.00152	.00005	.00001
%RSD	23.054	.86138	1.2104	5.693	5.7152	1.4695

Elems	*Y
Units	
Avge	6126.98
SDev	33.8351
%RSD	.55223

Method: TRACE1 Sample Name: AD854934/L (1:5) Operator: TWS
Run Time: 09/26/08 00:29 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.0675	.00707	.02867	.04242	.00066	199.17
SDev	.01422	.00165	.001	0	.00001	.03997
%RSD	.23442	23.394	3.489	.01844	1.5951	.02007

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00779	.00978	.02286	15.052	2.9592
SDev	.00028	.00018	0	.00045	.00896	.00545
%RSD	177.31	2.3149	.0861	1.9829	.05958	.18419

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.730	.64825	.30804	.01562	.01192	.01648
SDev	.00213	.00047	.03431	.00003	.00056	.00116
%RSD	.00864	.0726	11.138	.25149	4.7589	7.0547

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01496	-.00032	-.00069	-.00728	.00315	.10781
SDev	.00058	.00073	.00102	.00515	.00146	.00634
%RSD	3.9211	228.6	146.93	70.75	46.561	5.8888

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.01107	.04559	.00880	.00111	.00038
SDev	.00178	.00017	.00002	.0016	0	.00245
%RSD	2394.9	1.624	.0631	18.26	.44682	631.25

Elems	*Y
Units	
Avge	5631.45
SDev	15.0612
%RSD	.26744

Method: TRACE1 Sample Name: AD854934/PS Operator: TWS
Run Time: 09/26/08 00:34 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.817	.39947	.47988	.55825	.35625	881.18
SDev	.17129	.00545	.00226	.00154	.00205	8.2352
%RSD	.41967	1.3656	.47291	.27589	.57773	.93456

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33705	.37193	.38822	.46386	79.422	32.434
SDev	.00366	.00257	.00266	.00125	.62811	.1331
%RSD	1.0868	.69274	.68636	.27115	.79084	.41038

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	122.67	3.0555	20.543	.40630	.41467	.41379
SDev	.84419	.01982	.04913	.0028	.00507	.0008
%RSD	.68819	.64888	.2392	.69052	1.224	.1942

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41408	.34842	.35332	.35115	.34706	.63318
SDev	.00222	.00372	.00124	.00428	.00344	.00273
%RSD	.53761	1.0682	.35228	1.2197	.99153	.4321

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34420	.39962	.52146	.31451	.09633	.35968
SDev	.00264	.0027	.00427	.00652	.00038	.0042
%RSD	.76712	.67713	.81967	2.0757	.40303	1.1696

Elems	*Y
Units	
Avge	6055.65
SDev	.42433
%RSD	.007

Method: TRACE1 Sample Name: AD854935/MS Operator: TWS
Run Time: 09/26/08 00:39 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	39.162	.40498	.44592	.54119	.35126	H1382.2
SDev	.08881	.00261	.00056	.00141	.00092	3.2437
%RSD	.2268	.64473	.12559	.26217	.26466	.23466

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33486	.36673	.38786	.46844	89.126	29.033
SDev	.0022	.00096	.00112	.00167	.22798	.05822
%RSD	.65775	.26311	.29103	.35801	.25579	.20054

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	168.21	3.5971	19.947	.39969	.43632	.44407
SDev	.27294	.00604	.16728	.00053	.00107	.00104
%RSD	.16226	.16813	.83866	.13285	.2475	.23616

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44148	.34534	.16986	.34039	.34781	.55045
SDev	.00033	.00162	.0013	.001	.00192	.00679
%RSD	.07698	.46928	.77045	.29507	.55453	1.2352

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34219	.39980	.55307	.28035	.09780	.34385
SDev	.00177	.00115	.00144	.00332	.00035	.00138
%RSD	.51795	.28771	.26207	1.1843	.36038	.40165

Elems	*Y
Units	
Avge	6042.9
SDev	8.90961
%RSD	.14743

Method: TRACE1 Sample Name: AD854936/SD Operator: TWS
Run Time: 09/26/08 00:44 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.346	.43456	.47708	.58450	.36866	H1087.7
SDev	.00462	.00008	.00078	.00079	.00054	1.0654
%RSD	.01093	.01993	.16351	.13651	.14849	.09795

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35127	.39164	.40423	.45631	95.280	31.162
SDev	.00189	.00023	.00007	.00177	.25574	.09267
%RSD	.53867	.06121	.01865	.38977	.26841	.29738

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	138.91	3.2279	20.553	.42736	.43698	.43310
SDev	.07713	.00343	.01166	.00063	.00016	.00005
%RSD	.05552	.1063	.05676	.14787	.03665	.01178

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43439	.35919	.16022	.36099	.35830	.54850
SDev	.00001	.00011	.0019	.00814	.00389	.00181
%RSD	.00444	.03232	1.1888	2.2565	1.0881	.33166

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36037	.40982	.55503	.30238	.10104	.35691
SDev	.00183	.00069	.00249	.00459	.0002	.00224
%RSD	.5086	.1686	.44961	1.5209	.19811	.62764

Elems	*Y
Units	
Avge	5903.85
SDev	33.5168
%RSD	.56771

Method: TRACE1 Sample Name: AD854937 Operator: TWS
Run Time: 09/26/08 00:50 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	31.260	.09277	.16587	.23671	.00300	H1302.2
SDev	.02177	.00118	.00088	.00027	0	.14639
%RSD	.06964	1.277	.53204	.1162	.33166	.01124

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	.04015	.04428	.09008	122.65	19.992
SDev	.0001	.00005	.00026	.00014	.12627	.00277
%RSD	12.852	.12826	.5979	.16171	.10295	.01387

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	161.79	3.5372	1.5259	.09349	.09661	.10398
SDev	.01136	.00101	.08379	.00011	.00179	.00064
%RSD	.00702	.02867	5.4912	.12373	1.8533	.62196

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10152	.00163	-.00045	-.00688	.00589	.35522
SDev	.00102	.00213	.00226	.00071	.00284	.00136
%RSD	1.0122	130.63	493.58	10.342	48.241	.38389

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00112	.04981	.30514	.02603	.00171	.00166
SDev	.00104	.00014	.00114	.00078	.00024	.00087
%RSD	93.013	.29389	.37555	3.0081	14.041	52.313

Elems	*Y
Units	
Avge	6090.75
SDev	13.5762
%RSD	.22289

Method: TRACE1 Sample Name: AD854938 Operator: TWS
Run Time: 09/26/08 00:55 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.165	.01752	.06657	.22617	.00230	H1051.8
SDev	.35499	.0015	.00065	.00151	.00012	15.042
%RSD	1.039	8.6102	.98266	.66777	5.3629	1.4301

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.09436	.13996	.44636	53.884	9.0695
SDev	.0001	.00103	.00137	.00286	.71913	.09233
%RSD	6.5677	1.1011	.98067	.64171	1.3346	1.0181

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	423.64	2.4899	1.9550	.04996	.20803	.20825
SDev	4.6956	.02821	.02125	.00075	.0001	.00009
%RSD	1.1084	1.1332	1.087	1.5149	.05194	.04347

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20817	.00416	-.00020	-.00026	.00637	.58764
SDev	.00009	.00155	.00012	.00414	.0044	.01112
%RSD	.04629	37.375	62.614	1591.3	69.137	1.8924

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.05951	.41120	.15905	.00054	.00285
SDev	.00052	.00131	.00544	.00559	.00009	.00039
%RSD	60.008	2.2077	1.324	3.5157	17.764	13.722

Elems	*Y
Units	
Avge	5723.4
SDev	32.0321
%RSD	.55966

Method: TRACE1 Sample Name: AD854939 Operator: TWS
Run Time: 09/26/08 01:00 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.281	.01461	.03731	.13181	.00049	146.13
SDev	.06817	.00035	.00037	.00033	.00001	.3385
%RSD	.24989	2.4546	1.0121	.25528	3.5032	.23164

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.02757	.03608	.19044	60.212	6.7849
SDev	.00016	.00037	.00035	.00017	.16281	.00774
%RSD	75.659	1.37	.97221	.09158	.2704	.1142

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.931	.86068	1.3609	.06180	.01720	.02203
SDev	.07443	.00063	.12774	.00004	.00146	.0017
%RSD	.20155	.07394	9.3867	.066	8.5243	7.7425

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02042	.00377	.00151	-.00275	.00703	.87331
SDev	.00064	.00066	.00159	.0026	.00229	.00541
%RSD	3.1795	17.575	105.18	94.516	32.632	.62003

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00186	.05712	.24595	.02935	.00085	.00095
SDev	.00094	.00041	.00055	.00048	.00042	.00152
%RSD	50.754	.72236	.22511	1.6467	49.381	158.95

Elems	*Y
Units	
Avge	6627.9
SDev	8.06094
%RSD	.12162

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/26/08 01:08 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.933	.47956	.48744	.49587	.49035	24.238
SDev	.02715	.00431	.00071	.00061	.00209	.09467
%RSD	.10891	.89996	.14568	.1245	.42667	.3906

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47647	.47916	.50593	.48619	24.217	24.902
SDev	.00286	.00289	.00184	.00132	.08343	.0784
%RSD	.60105	.60356	.36491	.27207	.34452	.31485

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.277	.49322	24.283	.49000	.49472	.49061
SDev	.11165	.0014	.15669	.00335	.00612	.00783
%RSD	.45991	.28531	.64531	.68553	1.2378	1.5961

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49198	.49363	.48757	.50326	.48882	.50749
SDev	.00726	.00787	.00095	.00697	.00832	.001
%RSD	1.4761	1.5945	.19596	1.3855	1.7021	.19861

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48503	.48642	.49387	.49100	.49649	.48816
SDev	.00068	.00213	.00274	.00515	.00135	.00536
%RSD	.14036	.43987	.55664	1.0491	.27336	1.0989

Elems	*Y
Units	
Avge	5871.98
SDev	27.4712
%RSD	.46783

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/26/08 01:13 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00525	-.00056	.00082	.00027	.00001	.02063
SDev	.00024	.00162	.0001	.00005	.00002	.00397
%RSD	4.5794	286.24	12.95	19.416	177.53	19.251

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00097	.00026	.00109	.03041	.00687
SDev	.00001	.00024	.00001	.00034	.00251	.0087
%RSD	11.728	25.534	7.479	31.879	8.2834	126.73

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00983	.00011	.25880	.00091	-.00516	-.00077
SDev	.00923	.00003	.09889	.00005	.00025	.00017
%RSD	93.886	25.636	38.215	5.7034	4.9395	22.572

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00223	-.00005	-.00302	-.00417	.00201	.00086
SDev	.0002	.00316	.00076	.00019	.00464	.00007
%RSD	9.0118	6214.2	25.22	4.611	230.85	8.6828

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	.00119	.00082	.00177	.00104	.00090
SDev	.00014	.00041	.00029	.00288	.00024	.00017
%RSD	19.982	34.985	35.997	161.96	23.812	19.753

Elems	*Y
Units	
Avge	5847.98
SDev	14.1069
%RSD	.24122

Method: TRACE1 Sample Name: AD854940 Operator: TWS
Run Time: 09/26/08 01:18 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.315	.04171	.10693	.51849	.00217	H1050.0
SDev	.12596	.00038	.00098	.00136	0	7.5342
%RSD	.49758	.9203	.91654	.26352	.33196	.71752

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.03627	.03973	.15052	75.538	11.887
SDev	.00032	.00016	.00004	.00008	.59514	.11384
%RSD	1090.5	.44387	.11245	.0585	.78787	.95775

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	132.91	5.1377	2.6347	.05994	.07454	.07551
SDev	.72697	.02888	.07814	.00029	.00089	.00009
%RSD	.54697	.56211	2.9661	.49833	1.1968	.12826

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07519	-.00045	-.00412	-.00172	.00017	.28579
SDev	.00023	.00016	.00008	.00143	.00047	.00157
%RSD	.30916	35.089	2.0064	83.581	279.66	.55113

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00154	.05682	.19126	.02640	.00093	.00141
SDev	.00322	.00013	.00112	.00174	.00051	.0012
%RSD	209	.23186	.59027	6.6079	54.502	85.08

Elems	*Y
Units	
Avge	6132.08
SDev	26.6228
%RSD	.43415

Method: TRACE1 Sample Name: AD854941 Operator: TWS
Run Time: 09/26/08 01:23 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.878	.02903	.07509	.18224	.00117	614.59
SDev	.06897	.00244	.00132	.00067	0	1.2856
%RSD	.30146	8.405	1.7703	.37272	.37775	.20917

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00055	.02665	.06168	.06188	65.247	9.0206
SDev	.00009	.00006	.00063	.00013	.20159	.03478
%RSD	17.87	.22973	1.0302	.22077	.30897	.38557

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.256	3.5769	.91844	.05749	.07418	.07936
SDev	.15669	.00812	.06009	.00038	.00106	.00097
%RSD	.16278	.22708	6.5431	.67407	1.432	1.2267

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07764	.00248	-.00004	-.00587	.00666	.23447
SDev	.001	.00076	.00146	.0037	.00071	.00016
%RSD	1.292	30.619	3114.8	63.097	10.676	.072

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00056	.04224	.21476	.02884	.00126	.00220
SDev	.00012	.00024	.00063	.00013	.00046	.00047
%RSD	22.947	.57304	.29734	.45375	37.055	21.753

Elems	*Y
Units	
Avge	6145.35
SDev	33.5168
%RSD	.5454

Method: TRACE1 Sample Name: AD854942 Operator: TWS
Run Time: 09/26/08 01:28 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.954	.03277	.09807	.19849	.00177	930.95
SDev	.10347	.00128	.00222	.00051	.00006	9.1318
%RSD	.47132	3.9091	2.2716	.26183	3.4592	.98091

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.02620	.04122	.07926	70.455	11.390
SDev	.00007	.00003	.00061	.00063	.57041	.05369
%RSD	26.18	.13755	1.4865	.80352	.80961	.47138

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	147.34	2.8947	1.1243	.05854	.08501	.08767
SDev	1.1657	.01909	.17431	.0005	.00084	.00018
%RSD	.79119	.65977	15.504	.87038	.99103	.21554

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08678	-.00178	-.00165	-.01036	.00250	.34493
SDev	.00015	.00324	.00097	.00265	.00354	.0016
%RSD	.17803	181.62	59.317	25.617	141.7	.46512

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	.04445	.19643	.03056	.00094	.00281
SDev	.00056	.00026	.00215	.00101	.00003	.00054
%RSD	137.97	.59127	1.0994	3.3181	3.8847	19.391

Elems	*Y
Units	
Avge	6039.08
SDev	18.3496
%RSD	.30384

Method: TRACE1 Sample Name: AD854756/PB Operator: TWS
Run Time: 09/26/08 01:36 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01426	.00014	.00343	.00022	-.00025	.12295
SDev	.01033	.00106	.00088	.00003	0	.02859
%RSD	72.477	723.22	25.718	14.014	3.6779	23.26

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00033	.00064	.00062	.01979	.01205
SDev	.00007	.00095	.00005	.00012	.00569	.00198
%RSD	59.261	289.27	9.0183	20.448	28.776	16.428

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.10201	.00030	.33009	.00095	-.00031	-.00134
SDev	.0092	.00012	.16645	.00027	.00045	.00006
%RSD	9.0206	39.333	50.428	28.604	144.99	5.1288

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	-.00231	.00110	-.00805	.00055	.00089
SDev	.0001	.00282	.00036	.00427	.0021	.00043
%RSD	10.587	122.23	33.151	53.091	376.1	47.987

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00168	.00060	.00251	.00021	.00052	.00023
SDev	.00372	.00013	.00044	.00058	.00079	.00106
%RSD	221.43	22.603	17.636	274.59	151.24	445.77

Elems	*Y
Units	
Avge	5961.23
SDev	23.8649
%RSD	.40033

Method: TRACE1 Sample Name: AD854755/FB Operator: TWS
Run Time: 09/26/08 01:41 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8909	.19832	.19652	.19939	.19418	9.7241
SDev	.01528	.0012	.00267	.00002	.00034	.02311
%RSD	.15453	.60898	1.3596	.01479	.17645	.23766

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19251	.19419	.19770	.19444	9.7680	10.080
SDev	.00076	.00015	.00046	.00011	.04164	.03299
%RSD	.39926	.08082	.23631	.06082	.42632	.32732

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7380	.19514	10.101	.19484	.19449	.19757
SDev	.02721	.00035	.03894	.00085	.00108	.00057
%RSD	.2795	.18068	.38555	.4365	.55676	.29102

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19655	.19420	.19170	.19232	.19514	.19568
SDev	.00002	.00094	.00227	.00017	.00133	.0001
%RSD	.01166	.4891	1.1886	.09279	.68439	.0519

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19440	.19478	.19565	.19926	.05078	.19516
SDev	.00039	.0005	.00052	.00108	.00078	.00346
%RSD	.20551	.25786	.26864	.54415	1.5377	1.7776

Elems	*Y
Units	
Avge	5976.53
SDev	1.37865
%RSD	.02306

Method: TRACE1 Sample Name: AD854737/PB Operator: TWS
Run Time: 09/26/08 01:46 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00038	.00481	.00021	-.00081	.05880
SDev	.00453	.0011	.00079	0	.00002	.00368
%RSD	354.95	285.59	16.628	.54452	2.5773	6.2662

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00036	.00068	.00063	.02185	.00182
SDev	.00002	.00032	.00044	.00004	.00075	.00028
%RSD	13.346	87.563	65.498	7.6857	3.4538	15.909

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	.00001	.10985	.00049	-.00473	-.00007
SDev	.0028	.00008	.03872	.00018	.00018	.00085
%RSD	114.1	822.75	35.254	38.393	3.9554	1163.3

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00162	.00234	-.00151	-.00036	.00369	.00092
SDev	.00063	.00032	.00133	.00106	.00004	.00017
%RSD	39.06	13.801	88.103	288.93	1.2239	19.167

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00040	.00088	.00131	.00050	-.00058
SDev	.00102	.00012	0	.0007	.00017	0
%RSD	781.69	31.904	.44687	53.399	33.885	.02289

Elems	*Y
Units	
Avge	6356.78
SDev	15.1676
%RSD	.2386

Method: TRACE1 Sample Name: AD854736/FB Operator: TWS
Run Time: 09/26/08 01:51 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4291	.19270	.18887	.19010	.18634	9.2936
SDev	.03329	.00071	.00103	.00021	.00031	.03815
%RSD	.35306	.37137	.54573	.11184	.17161	.41056

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18498	.18703	.18831	.18654	9.3517	9.7226
SDev	.00045	.00016	.00017	.00047	.0468	.09821
%RSD	.24572	.08596	.09488	.25672	.50046	1.0102

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2993	.18665	9.7562	.18825	.18719	.19074
SDev	.02948	.00043	.0729	.00028	.00237	.00096
%RSD	.31709	.2326	.74731	.15062	1.2661	.50483

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18956	.18934	.17880	.18924	.18940	.18604
SDev	.00014	.00197	.00505	.00341	.00125	.00046
%RSD	.07751	1.0415	2.8251	1.8023	.66136	.24876

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18684	.18590	.19314	.19072	.04837	.18515
SDev	.0021	.00121	.00033	.00166	.00091	.00015
%RSD	1.1275	.65558	.17121	.87296	1.8988	.08317

Elems	*Y
Units	
Avge	6296.4
SDev	1.90932
%RSD	.03032

Method: TRACE1 Sample Name: AD854715 Operator: TWS
Run Time: 09/26/08 01:56 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01200	.00004	.04124	.01714	-.00040	115.74
SDev	.00308	.00112	.00017	.00008	.00001	.19895
%RSD	25.721	2441.2	.41934	.46897	4.8167	.1719

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00828	.00020	.00029	.95384	3.3417
SDev	.00022	.00024	.00007	.00053	.00206	.03214
%RSD	331.91	2.9048	37.905	182.28	.21647	.9618

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	33.183	4.0972	47.652	.01095	-.00580	.00031
SDev	.00648	.00325	.14295	.00032	.00158	.00108
%RSD	.01954	.07943	.29999	2.9294	27.384	344.32

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00172	.00071	.00070	-.00004	.00109	.00093
SDev	.00125	.00188	.00066	.00616	.00025	.0003
%RSD	72.611	263.13	94.551	12981	23.243	33.02

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00290	.00067	.01008	.00298	.00057	.00069
SDev	.00446	0	.00005	.00166	.0007	.00143
%RSD	153.81	.09232	.50224	55.785	122.23	205.77

Elems	*Y
Units	
Avge	6091.12
SDev	28.1075
%RSD	.46144

Method: TRACE1 Sample Name: AD854716 Operator: TWS
Run Time: 09/26/08 02:01 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01497	.00041	.03856	.02216	-.00036	144.56
SDev	.00092	.00139	.00087	.00002	.00002	.97329
%RSD	6.1462	334.01	2.2564	.11371	5.8055	.67326

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00092	.00021	-.00006	2.8801	2.5023
SDev	.00007	.00037	.00003	.00014	.02047	.01587
%RSD	27.318	40.499	16.078	232.95	.71095	.6343

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.450	.28870	3.0816	.00122	-.00796	.00163
SDev	.24383	.00148	.01949	.00055	.00148	.00033
%RSD	.65109	.51346	.63275	45.739	18.637	20.753

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00156	.00135	-.00582	-.00745	.00576	.00089
SDev	.00026	.00079	.00134	.00329	.00046	.00017
%RSD	17.16	58.436	23.183	44.238	8.0048	19.41

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.00071	.00236	.00149	.00092	-.00084
SDev	.00168	.00013	.00027	.0011	.00007	.00251
%RSD	382.97	18.89	11.78	73.583	7.6247	296.6

Elems	*Y
Units	
Avge	6126.83
SDev	2.01497
%RSD	.03288

Method: TRACE1 Sample Name: AD854717 Operator: TWS
Run Time: 09/26/08 02:07 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04177	.00125	.03102	.01114	-.00034	102.39
SDev	.00389	.00169	.00037	.00001	.00003	.62815
%RSD	9.3287	135.05	1.1965	.13146	10.489	.61351

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	.11909	-.00134	-.00031	76.258	3.7763
SDev	.00021	.00019	.00055	.00036	.46699	.0235
%RSD	24.719	.16327	40.872	113.96	.61238	.62243

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.267	H20.197	6.0820	.10155	-.00311	-.00010
SDev	.19911	.05731	.01591	.00093	.0012	.00285
%RSD	.3961	.28379	.26167	.92211	38.766	2755.5

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00110	.00137	-.00308	-.00109	.00260	.00097
SDev	.0015	.00398	.00359	.00003	.00599	.00023
%RSD	135.7	290.16	116.75	3.6223	230.16	23.688

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00930	.00055	.01975	.00289	.00003	-.00156
SDev	.0002	.00001	.0001	.00169	.00003	.00064
%RSD	2.2515	2.8127	.50745	58.654	114.78	41.113

Elems	*Y
Units	
Avge	5992.28
SDev	15.1672
%RSD	.25311

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/26/08 02:15 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.796	.47566	.48209	.49393	.48817	23.981
SDev	.02113	.00125	.00076	.00119	.0024	.01856
%RSD	.08523	.26396	.15875	.24237	.49222	.07739

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46974	.47535	.50244	.48474	23.916	24.496
SDev	.0003	.00118	.00093	.00106	.00721	.13512
%RSD	.0644	.24993	.18633	.21959	.03017	.55161

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.094	.48789	24.204	.48723	.48709	.48930
SDev	.05726	.00072	.04598	.00185	.0056	.00145
%RSD	.23767	.14819	.18997	.38145	1.1506	.29751

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48856	.48582	.48169	.49433	.48157	.50317
SDev	.00283	.00319	.00222	.00961	.00002	.00014
%RSD	.58074	.6567	.46132	1.9453	.00469	.02788

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47528	.48269	.48860	.48320	.49418	.48220
SDev	.00279	.00049	.0006	.00388	.00048	.00211
%RSD	.5886	.10335	.12285	.80308	.0974	.43775

Elems	*Y
Units	
Avge	5866.05
SDev	22.9102
%RSD	.39055

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/26/08 02:20 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00058	.00019	.00021	.00000	.01425
SDev	.00185	.00005	.00038	.00001	.00002	0
%RSD	1008.1	9.9594	194.68	7.1281	861.6	.05517

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00057	.00045	.00092	.01691	.00958
SDev	.00018	.0006	.00015	.00007	.00494	.00416
%RSD	207.72	104.6	32.84	8.568	29.25	43.423

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01421	.00020	.28247	.00013	-.00357	.00133
SDev	.00158	.00003	.12973	.00061	.00043	.00145
%RSD	11.179	15.855	45.926	443.83	12.204	108.6

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00110	-.00209	-.00336	.00334	.00055
SDev	.00082	.00102	.00207	.00173	.0024	.00012
%RSD	275.82	92.601	99.138	51.483	71.912	23.027

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00252	.00070	.00009	.00233	.00083	.00085
SDev	.00214	0	.00014	.00133	.00014	.00032
%RSD	84.693	.19002	158.22	57.185	17.738	37.261

Elems	*Y
Units	
Avge	5887.43
SDev	16.4402
%RSD	.27924

Method: TRACE1 Sample Name: AD854718 Operator: TWS
Run Time: 09/26/08 02:25 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00368	-.00034	.02022	.01090	-.00059	8.2857
SDev	.00133	.00038	.00026	.00003	0	.0089
%RSD	36.254	111.42	1.3155	.34821	1.5942	.10744

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	.00073	.00031	.00349	.01475	2.2055
SDev	.00003	.00031	.00012	.00024	.00317	.00589
%RSD	23.273	43.333	39.689	7.1531	21.494	.26741

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7528	.04565	12.030	.00040	-.00469	.00076
SDev	.00199	.00005	.01522	.00057	.00048	.00269
%RSD	.11377	.1133	.12657	144.63	10.368	351.39

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00105	.00113	-.00178	-.00555	.00447	.00060
SDev	.00196	.00147	.00185	.00669	.00112	.00016
%RSD	186.45	130.55	104.37	120.51	25.207	27.04

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	.00050	.00338	.00080	.00005	.00177
SDev	.00112	.00026	.00012	.00055	.0002	.00013
%RSD	222.14	52.925	3.6753	69.41	400.66	7.764

Elems	*Y
Units	
Avge	6152.62
SDev	20.8952
%RSD	.33961

Method: TRACE1 Sample Name: AD854719 Operator: TWS
Run Time: 09/26/08 02:30 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00025	.02146	.01171	-.00058	9.0519
SDev	.00052	.00145	.00012	.00005	.00002	.00492
%RSD	393.06	570.89	.57279	.44789	4.4699	.05443

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00047	.00044	.00131	.08690	2.2013
SDev	.0002	.00027	.00009	.00009	.00412	.0024
%RSD	551.98	59.348	20.34	6.9505	4.7433	.10919

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8262	.00111	11.547	.00057	-.00324	.00157
SDev	.00043	.00002	.04246	.00024	.00287	.00091
%RSD	.02374	2.3745	.36779	42.72	88.543	57.713

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00316	-.00127	.00089	.00429	.00069
SDev	.00034	.00068	.00139	.0021	.00002	.00014
%RSD	1232.2	21.708	108.72	234.81	.57469	20.484

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00084	.00049	.00290	.00196	-.00031	.00003
SDev	.0002	.00026	.00054	0	.00005	.00017
%RSD	24.138	53.127	18.823	.22367	17.129	554.3

Elems	*Y
Units	
Avge	6143.1
SDev	14.8492
%RSD	.24172

Method: TRACE1 Sample Name: AD854720 Operator: TWS
Run Time: 09/26/08 02:35 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01427	.00019	1.0920	.18084	.00032	166.12
SDev	.00048	.00096	.00578	.00049	.00004	.02779
%RSD	3.3721	492.5	.52934	.27184	14.14	.01673

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00142	.00012	.00052	.72784	9.2698
SDev	.00029	.0001	.00001	.00021	.00139	.02271
%RSD	266.97	7.5197	15.72	40.229	.19123	.24504

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.221	.49430	47.863	.00285	-.00621	.00196
SDev	.01289	.00059	.06254	.00007	.00257	.00021
%RSD	.04918	.12012	.13068	2.6389	41.354	11.147

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00076	.00268	-.00288	-.01080	.00943	.00052
SDev	.001	.00012	.00152	.00072	.00017	.00014
%RSD	131.53	4.7199	52.635	6.691	1.8127	27.65

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00369	.00040	.08894	.00097	.00028	.00130
SDev	.00311	.00014	.00006	.0002	.00009	.00033
%RSD	84.191	36.391	.07456	20.896	32.57	25.666

Elems	*Y
Units	
Avge	5594.48
SDev	4.13664
%RSD	.07394

Method: TRACE1 Sample Name: AD854721 Operator: TWS
Run Time: 09/26/08 02:40 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01061	.00194	.21872	.08020	.00022	76.839
SDev	.00331	.00131	.00039	.00026	0	.02073
%RSD	31.277	67.515	.18262	.32586	1.4668	.02698

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00076	.00036	.00048	.01634	14.158
SDev	.00011	.0002	.00011	.00016	.00348	.02002
%RSD	113.21	26.233	33.187	33.102	21.298	.14144

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.573	.38775	55.141	.00038	-.00563	.00140
SDev	.01276	.00013	.0295	.00112	.00059	.00005
%RSD	.0349	.03532	.0535	291.21	10.546	3.7323

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	.00106	-.00378	-.00872	.00595	.00060
SDev	.00023	.00022	.00187	.00187	.00059	.00014
%RSD	24.868	21.602	49.617	21.541	10	23.929

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00128	.00031	.00242	.00250	-.00006	.00033
SDev	.00008	.00058	.00029	.0012	.00029	.00119
%RSD	6.7358	186.14	12.266	48.27	440.92	358.94

Elems	*Y
Units	
Avge	5566.43
SDev	15.5916
%RSD	.2801

Method: TRACE1 Sample Name: AD854721/L (1:5) Operator: TWS
Run Time: 09/26/08 02:45 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00495	.00013	.04182	.01510	-.00012	14.537
SDev	.0039	.00104	.00034	.00006	0	.0011
%RSD	78.828	767.15	.81573	.43645	6.6801	.00757

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00067	.00029	.00067	.00948	2.6021
SDev	.00022	.00019	.00009	.0004	.00903	.00477
%RSD	687.13	29.252	30.696	59.732	95.259	.18338

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.8161	.07258	10.557	.00033	-.00355	.00015
SDev	.00841	.00013	.13231	.00084	.0005	.00061
%RSD	.12346	.19169	1.2533	249.63	14.333	395.98

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	.00176	-.00093	-.00336	.00433	.00052
SDev	.00024	.00209	.00295	.00221	.00203	.00017
%RSD	22.526	118.6	317.01	65.863	47.037	34.241

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00060	.00101	.00135	.00079	.00028
SDev	.00061	.00096	.00058	.00075	.00031	.00112
%RSD	229.13	159.1	57.707	55.743	39.429	400.36

Elems	*Y
Units	
Avge	5893.43
SDev	18.7735
%RSD	.31855

Method: TRACE1 Sample Name: AD854721/PS Operator: TWS
Run Time: 09/26/08 02:50 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.354	.21963	.43753	.30789	.22261	85.875
SDev	.06122	.00088	.00447	.0015	.00083	.3323
%RSD	.53927	.40299	1.0229	.48892	.37529	.38696

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21148	.21419	.21722	.21625	10.785	25.266
SDev	.00123	.00114	.00084	.00105	.03326	.11317
%RSD	.58627	.53479	.38903	.48822	.30841	.44791

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.828	.59959	65.092	.21223	.21252	.21474
SDev	.19887	.00216	.23357	.00094	.00175	.00347
%RSD	.4247	.36077	.35884	.44572	.82374	1.6198

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21400	.21215	.20715	.21341	.21152	.21732
SDev	.0029	.00175	.00137	.00223	.00151	.00114
%RSD	1.3566	.82711	.66224	1.0488	.71528	.5264

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20883	.21658	.21867	.17705	.05419	.22151
SDev	.00144	.00072	.00061	.00024	.00031	.00002
%RSD	.69125	.33562	.28147	.13712	.57434	.00992

Elems	*Y
Units	
Avge	5525.78
SDev	7.74261
%RSD	.14011

Method: TRACE1 Sample Name: AD854722/MS Operator: TWS
Run Time: 09/26/08 02:55 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.885	.22004	.43610	.30393	.21882	89.592
SDev	.00313	.00466	.00004	.00014	.00035	.2478
%RSD	.02879	2.1223	.01138	.04829	.16088	.27659

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20848	.21256	.21558	.21680	10.652	25.616
SDev	.00069	.00129	.001	.00019	.03699	.00291
%RSD	.33164	.60735	.46544	.09011	.34728	.01138

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.182	.61056	67.504	.21032	.21105	.21205
SDev	.12086	.0009	.03201	.00045	.00037	.00046
%RSD	.25085	.14892	.04742	.21631	.17854	.21963

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21172	.20997	.20769	.21022	.20986	.21411
SDev	.00018	.00131	.00358	.00413	.00009	.00006
%RSD	.08746	.62623	1.7261	1.9658	.04471	.02894

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20702	.21312	.21462	.21500	.05519	.21590
SDev	.00595	.0003	.00009	.00133	.00029	.00259
%RSD	2.8751	.14322	.04395	.62122	.53461	1.2036

Elems	*Y
Units	
Avge	5545.35
SDev	34.1531
%RSD	.61588

Method: TRACE1 Sample Name: AD854723/SD Operator: TWS
Run Time: 09/26/08 03:00 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.708	.21636	.43068	.29792	.21766	88.118
SDev	.02004	.00053	.00419	.00064	.00043	.13496
%RSD	.18722	.24565	.97408	.21643	.19984	.15316

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20771	.21102	.21318	.21251	10.566	25.025
SDev	.00032	.0004	.00085	.00046	.00356	.00163
%RSD	.15408	.19377	.39984	.22039	.03371	.00653

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	47.573	.60221	65.616	.20945	.20755	.21397
SDev	.11446	.00117	.19099	.00075	.00043	.00206
%RSD	.2406	.19447	.29108	.35883	.20732	.9639

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21183	.20969	.20908	.20960	.20974	.21161
SDev	.00123	.00173	.00208	.00159	.00181	.00003
%RSD	.58176	.8294	.99576	.75919	.86448	.01556

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20575	.21060	.21423	.21344	.05425	.21540
SDev	.00065	.00001	.00046	.00363	.00001	.00111
%RSD	.31712	.00827	.21662	1.7012	.02982	.51857

Elems	*Y
Units	
Avge	5617.35
SDev	27.5772
%RSD	.49092

Method: TRACE1 Sample Name: AD854724 Operator: TWS
Run Time: 09/26/08 03:05 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	-.00003	.00566	.00030	.00000	.20929
SDev	.00096	.00011	.00048	.00003	0	.00116
%RSD	88.047	287.08	8.5478	11.822	88.857	.5577

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00057	.00014	.00094	.01686	.00541
SDev	.00009	.00031	.00009	.00018	.00171	.02901
%RSD	55.417	54.675	69.007	19.355	10.198	535.66

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04131	.00015	.14625	.00003	-.00382	.00248
SDev	.00084	0	.0461	.0006	.00148	.00362
%RSD	2.0367	.11394	31.521	1560.4	38.798	145.87

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00126	.00054	-.00744	.00562	.00027
SDev	.00192	.00617	.00164	.00803	.00524	.00013
%RSD	499.71	486.99	301.38	107.87	93.313	48.056

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00000	.00375	.00184	-.00020	.00052
SDev	.0002	.00014	.00015	.00039	.00046	.00032
%RSD	64.905	1838	4.0812	21.474	232.14	63.156

Elems	*Y
Units	
Avge	5656.05
SDev	3.18198
%RSD	.05625

Method: TRACE1 Sample Name: AD854725 Operator: TWS
Run Time: 09/26/08 03:10 Filename: 2092508
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00578	.00102	.01286	.02251	-.00045	53.054
SDev	.00063	.00043	.00133	.00003	0	.11052
%RSD	11.022	42.636	10.394	.15195	1.5456	.20832

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00104	.00055	.00066	1.7266	1.1676
SDev	.00001	.00027	.00039	.00024	.00335	.00143
%RSD	13.722	26.458	70.136	36.684	.19417	.12304

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3604	.74367	14.378	.00088	-.00607	.00022
SDev	.02133	.00251	.10582	.00012	.00243	.00039
%RSD	.39791	.33785	.73603	14.05	40.062	176.18

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	-.00055	-.00399	-.00715	.00274	.00104
SDev	.00054	.00116	.00326	.0021	.00279	.0001
%RSD	29.266	210.76	81.807	29.373	101.47	9.7283

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00258	.00074	.00619	.00066	.00018	.00116
SDev	.00065	.00013	.0004	.00147	0	.00051
%RSD	25.244	17.916	6.5017	222.56	1.4432	44.408

Elems	*Y
Units	
Avge	6123.15
SDev	13.5762
%RSD	.22171

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/26/08 03:18 Filename: 2092508
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.018	.48451	.49426	.50264	.50534	24.457
SDev	.01989	.00015	.00336	.00017	.00128	.02964
%RSD	.07953	.03168	.67995	.0348	.2552	.12121

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48419	.48851	.51036	.49119	24.406	24.429
SDev	.00093	.00005	.00011	.00033	.05137	.07025
%RSD	.19409	.01078	.02351	.06758	.21049	.28758

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.841	.50162	24.474	.49683	.50073	.49890
SDev	.04889	.00103	.04255	.00015	.00075	.00063
%RSD	.19681	.20552	.17387	.03156	.1509	.12784

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49951	.49382	.48794	.50576	.48785	.51056
SDev	.00067	.00112	.00526	.00216	.0006	.00044
%RSD	.13554	.2272	1.0797	.42821	.12301	.08677

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48503	.48923	.50493	.49414	.49858	.49462
SDev	.0033	.00088	.00004	.00557	.0001	.00039
%RSD	.68209	.18178	.00799	1.1289	.02038	.08032

Elems	*Y
Units	
Avge	5861.62
SDev	34.2591
%RSD	.58446

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/26/08 03:24 Filename: 2092508
Mode: CONC Type: B Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00914	-.00049	.00121	.00033	.00006	.01714
SDev	.00425	.00126	.00054	.00003	.00001	.00071
%RSD	46.559	254.68	44.614	10.755	18.917	4.1465

Elems	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00082	.00042	.00104	.01630	-.00275
SDev	.00016	.00033	.00013	.00013	.00083	.00556
%RSD	110.58	40.517	30.588	12.443	5.1366	201.48

Elems	Mg2790	Mn2576	Na3302	Ni2316	2203/1	2203/2
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01496	.00036	-.00296	-.00007	-.00428	.00158
SDev	.00161	0	.06456	.00034	.00039	.00096
%RSD	10.783	.40508	2174.9	458.74	9.2318	60.773

Elems	PB2203	SE1960	Sb2068	1960/1	1960/2	Ti3372
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00036	-.00253	-.00095	-.00599	-.00080	.00062
SDev	.00051	.00292	.00176	.00009	.00443	.00007
%RSD	138.94	115.69	185.26	1.5267	553.53	12.212

Elems	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00359	.00021	.00062	.00326	.00028	.00119
SDev	.00028	.00013	.00028	.00115	.00052	.00105
%RSD	8.0246	64.77	46.677	35.49	183.82	87.912

Elems	*Y
Units	
Avge	5825.03
SDev	14.9552
%RSD	.25674

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TestAmerica Buffalo Analyst: SW

Primary Review: AH Date 9/29/08 Secondary Review: JWS Date: 9/29/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	1092608	TRACE1	09/26/08	10:32		X	IR
2	STD 1 12-115-C	1092608	TRACE1	09/26/08	10:37		X	IR
3	STD 2 12-115-D	1092608	TRACE1	09/26/08	10:41		X	IR
4	STD 3 12-115-B	1092608	TRACE1	09/26/08	10:46		X	IR
5	STD 3 VER 1	1092608	TRACE1	09/26/08	10:51	SW	B	CONC
6	ICV 12-115-E	1092608	TRACE1	09/26/08	10:56	SW	Q	CONC
7	ICB 12-115-A	1092608	TRACE1	09/26/08	11:02	SW	B	CONC
8	CRI 12-120-A	1092608	TRACE1	09/26/08	11:07	SW	B	CONC
9	ICSA 12-124-B	1092608	TRACE1	09/26/08	11:12	SW	Q	CONC
10	ICSAB 12-124-C	1092608	TRACE1	09/26/08	11:17	SW	Q	CONC
11	CCV 12-119-F	1092608	TRACE1	09/26/08	11:23	SW	Q	CONC
12	CCB 12-115-A	1092608	TRACE1	09/26/08	11:31	SW	B	CONC
13	AD854754/PB	1092608	TRACE1	09/26/08	11:36	SW	S	CONC
14	AD854753/FB	1092608	TRACE1	09/26/08	11:41	SW	S	CONC
15	AD854738 B608	1092608	TRACE1	09/26/08	11:46	SW	S	CONC
16	AD854739	1092608	TRACE1	09/26/08	11:51	SW	S	CONC
17	AD854740 B609	1092608	TRACE1	09/26/08	11:56	SW	S	CONC
18	AD854741	1092608	TRACE1	09/26/08	12:01	SW	S	CONC
19	AD854741/L (1:5)	1092608	TRACE1	09/26/08	12:06	SW	S	CONC
20	AD854741/PS	1092608	TRACE1	09/26/08	12:12	SW	S	CONC
21	AD854742/MD	1092608	TRACE1	09/26/08	12:17	SW	S	CONC
22	AD854743/MS	1092608	TRACE1	09/26/08	12:22	SW	S	CONC
23	CCV	1092608	TRACE1	09/26/08	12:28	SW	Q	CONC
24	CCB	1092608	TRACE1	09/26/08	12:33	SW	B	CONC
25	AD854744	1092608	TRACE1	09/26/08	12:41	SW	S	CONC
26	AD854745 B607	1092608	TRACE1	09/26/08	12:46	SW	S	CONC
27	AD854746	1092608	TRACE1	09/26/08	12:51	SW	S	CONC
28	AD854747	1092608	TRACE1	09/26/08	12:56	SW	S	CONC
29	AD854748	1092608	TRACE1	09/26/08	13:01	SW	S	CONC
30	AD854749	1092608	TRACE1	09/26/08	13:06	SW	S	CONC
31	AD854750	1092608	TRACE1	09/26/08	13:11	SW	S	CONC
32	CRI	1092608	TRACE1	09/26/08	13:24	SW	B	CONC
33	ICSA	1092608	TRACE1	09/26/08	13:29	SW	Q	CONC
34	ICSAB	1092608	TRACE1	09/26/08	13:34	SW	Q	CONC
35	CCV	1092608	TRACE1	09/26/08	13:40	SW	Q	CONC
36	CCB	1092608	TRACE1	09/26/08	13:45	SW	B	CONC
37	AD854751	1092608	TRACE1	09/26/08	13:50	SW	S	CONC
38	AD854752	1092608	TRACE1	09/26/08	13:55	SW	S	CONC
39	AD855036/PB	1092608	TRACE1	09/26/08	14:03	SW	S	CONC
40	AD855035/FB	1092608	TRACE1	09/26/08	14:08	SW	S	CONC
41	AD855024 B734	1092608	TRACE1	09/26/08	14:13	SW	S	CONC
42	AD855025	1092608	TRACE1	09/26/08	14:18	SW	S	CONC
43	AD855026	1092608	TRACE1	09/26/08	14:23	SW	S	CONC
44	AD855027 B738	1092608	TRACE1	09/26/08	14:28	SW	S	CONC
45	AD855028	1092608	TRACE1	09/26/08	14:33	SW	S	CONC
46	AD855029	1092608	TRACE1	09/26/08	14:39	SW	S	CONC
47	CCV	1092608	TRACE1	09/26/08	14:47	SW	Q	CONC
48	CCB	1092608	TRACE1	09/26/08	14:52	SW	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD855029/L (1:5) B738	1092608	TRACE1	09/26/08	14:57	SW	S	CONC
50	AD855029/PS	1092608	TRACE1	09/26/08	15:02	SW	S	CONC
51	AD855030/MD	1092608	TRACE1	09/26/08	15:07	SW	S	CONC
52	AD855031/MS	1092608	TRACE1	09/26/08	15:13	SW	S	CONC
53	AD855032 B740	1092608	TRACE1	09/26/08	15:20	SW	S	CONC
54	AD855033	1092608	TRACE1	09/26/08	15:25	SW	S	CONC
55	AD855034 B742	1092608	TRACE1	09/26/08	15:31	SW	S	CONC
56	CRI	1092608	TRACE1	09/26/08	15:42	SW	B	CONC
57	ICSA	1092608	TRACE1	09/26/08	15:47	SW	Q	CONC
58	ICSAB	1092608	TRACE1	09/26/08	15:52	SW	Q	CONC
59	CCV	1092608	TRACE1	09/26/08	15:59	SW	Q	CONC
60	CCB	1092608	TRACE1	09/26/08	16:04	SW	B	CONC
61	STD BLK	1092608	TRACE1	09/26/08	16:33		X	IR
62	STD 1	1092608	TRACE1	09/26/08	16:38		X	IR
63	STD 2	1092608	TRACE1	09/26/08	16:43		X	IR
64	STD 3	1092608	TRACE1	09/26/08	16:47		X	IR
65	STD 3 VER	1092608	TRACE1	09/26/08	16:53	SW	B	CONC
66	ICV	1092608	TRACE1	09/26/08	16:58	SW	Q	CONC
67	ICB	1092608	TRACE1	09/26/08	17:03	SW	B	CONC
68	CRI	1092608	TRACE1	09/26/08	17:08	SW	B	CONC
69	ICSA	1092608	TRACE1	09/26/08	17:13	SW	Q	CONC
70	ICSAB	1092608	TRACE1	09/26/08	17:18	SW	Q	CONC
71	CCV	1092608	TRACE1	09/26/08	17:24	SW	Q	CONC
72	CCB	1092608	TRACE1	09/26/08	17:29	SW	B	CONC
73	AD855286/PB	1092608	TRACE1	09/26/08	17:34	SW	S	CONC
74	AD855285/FB	1092608	TRACE1	09/26/08	17:39	SW	S	CONC
75	AD855266 B762	1092608	TRACE1	09/26/08	17:44	SW	S	CONC
76	AD855267	1092608	TRACE1	09/26/08	17:50	SW	S	CONC
77	AD855268	1092608	TRACE1	09/26/08	17:55	SW	S	CONC
78	AD855268/L (1:5)	1092608	TRACE1	09/26/08	18:00	SW	S	CONC
79	AD855268/PS	1092608	TRACE1	09/26/08	18:05	SW	S	CONC
80	AD855269/MS	1092608	TRACE1	09/26/08	18:10	SW	S	CONC
81	AD855270/SD	1092608	TRACE1	09/26/08	18:15	SW	S	CONC
82	AD855271	1092608	TRACE1	09/26/08	18:20	SW	S	CONC
83	CCV	1092608	TRACE1	09/26/08	18:26	SW	Q	CONC
84	CCB	1092608	TRACE1	09/26/08	18:31	SW	B	CONC
85	AD855272	1092608	TRACE1	09/26/08	18:36	SW	S	CONC
86	AD855273	1092608	TRACE1	09/26/08	18:41	SW	S	CONC
87	AD855274	1092608	TRACE1	09/26/08	18:47	SW	S	CONC
88	AD855275 B763	1092608	TRACE1	09/26/08	18:52	SW	S	CONC
89	AD855276	1092608	TRACE1	09/26/08	18:57	SW	S	CONC
90	AD855277	1092608	TRACE1	09/26/08	19:02	SW	S	CONC
91	AD855278	1092608	TRACE1	09/26/08	19:07	SW	S	CONC
92	AD855279	1092608	TRACE1	09/26/08	19:12	SW	S	CONC
93	AD855280	1092608	TRACE1	09/26/08	19:17	SW	S	CONC
94	AD855281	1092608	TRACE1	09/26/08	19:22	SW	S	CONC
95	CCV	1092608	TRACE1	09/26/08	19:28	SW	Q	CONC
96	CCB	1092608	TRACE1	09/26/08	19:33	SW	B	CONC
97	AD855282	1092608	TRACE1	09/26/08	19:39	SW	S	CONC
98	AD855283	1092608	TRACE1	09/26/08	19:44	SW	S	CONC
99	AD855284	1092608	TRACE1	09/26/08	19:49	SW	S	CONC
100	AD855142/PB	1092608	TRACE1	09/26/08	19:54	SW	S	CONC
101	AD855141/FB	1092608	TRACE1	09/26/08	19:59	SW	S	CONC
102	AD855127 B709	1092608	TRACE1	09/26/08	20:04	SW	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD855128 B709	1092608	TRACE1	09/26/08	20:09	SW	S	CONC
104	AD855122 B701	1092608	TRACE1	09/26/08	20:14	SW	S	CONC
105	AD855123	1092608	TRACE1	09/26/08	20:19	SW	S	CONC
106	AD855124	1092608	TRACE1	09/26/08	20:24	SW	S	CONC
107	CCV	1092608	TRACE1	09/26/08	20:31	SW	Q	CONC
108	CCB	1092608	TRACE1	09/26/08	20:36	SW	B	CONC
109	AD855125	1092608	TRACE1	09/26/08	20:41	SW	S	CONC
110	AD855126	1092608	TRACE1	09/26/08	20:46	SW	S	CONC
111	AD855129 B725	1092608	TRACE1	09/26/08	20:51	SW	S	CONC
112	AD855130	1092608	TRACE1	09/26/08	20:56	SW	S	CONC
113	AD855131	1092608	TRACE1	09/26/08	21:01	SW	S	CONC
114	AD855131/L (1:5)	1092608	TRACE1	09/26/08	21:06	SW	S	CONC
115	AD855131/PS	1092608	TRACE1	09/26/08	21:11	SW	S	CONC
116	AD855132/MS	1092608	TRACE1	09/26/08	21:16	SW	S	CONC
117	AD855133/SD	1092608	TRACE1	09/26/08	21:21	SW	S	CONC
118	AD855134	1092608	TRACE1	09/26/08	21:26	SW	S	CONC
119	CCV	1092608	TRACE1	09/26/08	21:33	SW	Q	CONC
120	CCB	1092608	TRACE1	09/26/08	21:38	SW	B	CONC
121	AD855135	1092608	TRACE1	09/26/08	21:43	SW	S	CONC
122	AD855136	1092608	TRACE1	09/26/08	21:48	SW	S	CONC
123	AD855137 B727	1092608	TRACE1	09/26/08	21:53	SW	S	CONC
124	AD855138	1092608	TRACE1	09/26/08	21:58	SW	S	CONC
125	AD855139 B729	1092608	TRACE1	09/26/08	22:03	SW	S	CONC
126	AD855140 B735	1092608	TRACE1	09/26/08	22:08	SW	S	CONC
127	AD855059/PB	1092608	TRACE1	09/26/08	22:13	SW	S	CONC
128	AD855058/FB	1092608	TRACE1	09/26/08	22:18	SW	S	CONC
129	AD855037 B726	1092608	TRACE1	09/26/08	22:23	SW	S	CONC
130	AD855038	1092608	TRACE1	09/26/08	22:28	SW	S	CONC
131	CCV	1092608	TRACE1	09/26/08	22:35	SW	Q	CONC
132	CCB AH 9/29/08	1092608	TRACE1	09/26/08	22:40	SW	B	CONC
133	AD855039 ~~B729~~	1092608	TRACE1	09/26/08	22:45	SW	S	CONC
134	AD855040 ~~B735~~	1092608	TRACE1	09/26/08	22:50	SW	S	CONC
135	AD855041	1092608	TRACE1	09/26/08	22:55	SW	S	CONC
136	AD855042	1092608	TRACE1	09/26/08	23:00	SW	S	CONC
137	AD855043	1092608	TRACE1	09/26/08	23:05	SW	S	CONC
138	AD855044	1092608	TRACE1	09/26/08	23:10	SW	S	CONC
139	AD855045	1092608	TRACE1	09/26/08	23:16	SW	S	CONC
140	AD855046	1092608	TRACE1	09/26/08	23:21	SW	S	CONC
141	AD855047	1092608	TRACE1	09/26/08	23:26	SW	S	CONC
142	AD855048	1092608	TRACE1	09/26/08	23:31	SW	S	CONC
143	CCV	1092608	TRACE1	09/26/08	23:37	SW	Q	CONC
144	CCB	1092608	TRACE1	09/26/08	23:42	SW	B	CONC
145	AD855049	1092608	TRACE1	09/26/08	23:47	SW	S	CONC
146	AD855050	1092608	TRACE1	09/26/08	23:53	SW	S	CONC
147	AD855051	1092608	TRACE1	09/26/08	23:58	SW	S	CONC
148	AD855052	1092608	TRACE1	09/27/08	00:03	SW	S	CONC
149	AD855053	1092608	TRACE1	09/27/08	00:08	SW	S	CONC
150	AD855054	1092608	TRACE1	09/27/08	00:13	SW	S	CONC
151	AD855054/L (1:5)	1092608	TRACE1	09/27/08	00:18	SW	S	CONC
152	AD744054/PS	1092608	TRACE1	09/27/08	00:23	SW	S	CONC
153	AD855055/MS	1092608	TRACE1	09/27/08	00:28	SW	S	CONC
154	AD855056/SD	1092608	TRACE1	09/27/08	00:33	SW	S	CONC
155	CCV	1092608	TRACE1	09/27/08	00:40	SW	Q	CONC
156	CCB	1092608	TRACE1	09/27/08	00:45	SW	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD855057 B726	1092608	TRACE1	09/27/08	00:50	SW	S	CONC
158	CCV	1092608	TRACE1	09/27/08	00:56	SW	Q	CONC
159	CCB	1092608	TRACE1	09/27/08	01:01	SW	B	CONC
160	STD BLK	1092608	TRACE1	09/27/08	01:22		X	IR
161	STD 1	1092608	TRACE1	09/27/08	01:27		X	IR
162	STD 2	1092608	TRACE1	09/27/08	01:31		X	IR
163	STD 3	1092608	TRACE1	09/27/08	01:36		X	IR
164	STD 3 VER	1092608	TRACE1	09/27/08	01:41	SW	B	CONC
165	ICV	1092608	TRACE1	09/27/08	01:46	SW	Q	CONC
166	ICB	1092608	TRACE1	09/27/08	01:51	SW	B	CONC
167	CRI	1092608	TRACE1	09/27/08	01:56	SW	B	CONC
168	ICSA	1092608	TRACE1	09/27/08	02:01	SW	Q	CONC
169	ICSAB	1092608	TRACE1	09/27/08	02:06	SW	Q	CONC
170	CCV	1092608	TRACE1	09/27/08	02:13	SW	Q	CONC
171	CCB	1092608	TRACE1	09/27/08	02:18	SW	B	CONC
172	AD855265/PB	1092608	TRACE1	09/27/08	02:23	SW	S	CONC
173	AD855264/FB	1092608	TRACE1	09/27/08	02:28	SW	S	CONC
174	AD855242 B712	1092608	TRACE1	09/27/08	02:33	SW	S	CONC
175	AD855243	1092608	TRACE1	09/27/08	02:38	SW	S	CONC
176	AD855244	1092608	TRACE1	09/27/08	02:43	SW	S	CONC
177	AD855245	1092608	TRACE1	09/27/08	02:48	SW	S	CONC
178	AD855245/L (1:5)	1092608	TRACE1	09/27/08	02:53	SW	S	CONC
179	AD855245/PS	1092608	TRACE1	09/27/08	02:58	SW	S	CONC
180	AD855246/MS	1092608	TRACE1	09/27/08	03:03	SW	S	CONC
181	AD855247/SD	1092608	TRACE1	09/27/08	03:09	SW	S	CONC
182	CCV	1092608	TRACE1	09/27/08	03:15	SW	Q	CONC
183	CCB	1092608	TRACE1	09/27/08	03:20	SW	B	CONC
184	AD855248	1092608	TRACE1	09/27/08	03:25	SW	S	CONC
185	AD855249	1092608	TRACE1	09/27/08	03:30	SW	S	CONC
186	AD855250	1092608	TRACE1	09/27/08	03:35	SW	S	CONC
187	AD855251	1092608	TRACE1	09/27/08	03:41	SW	S	CONC
188	AD855252	1092608	TRACE1	09/27/08	03:46	SW	S	CONC
189	AD855253 B748	1092608	TRACE1	09/27/08	03:51	SW	S	CONC
190	AD855254 B751	1092608	TRACE1	09/27/08	03:56	SW	S	CONC
191	AD855255	1092608	TRACE1	09/27/08	04:01	SW	S	CONC
192	AD855256	1092608	TRACE1	09/27/08	04:06	SW	S	CONC
193	AD855257 B754	1092608	TRACE1	09/27/08	04:11	SW	S	CONC
194	CCV	1092608	TRACE1	09/27/08	04:18	SW	Q	CONC
195	CCB	1092608	TRACE1	09/27/08	04:23	SW	B	CONC
196	AD855258	1092608	TRACE1	09/27/08	04:28	SW	S	CONC
197	AD855259 B757	1092608	TRACE1	09/27/08	04:33	SW	S	CONC
198	AD855260	1092608	TRACE1	09/27/08	04:38	SW	S	CONC
199	AD855261	1092608	TRACE1	09/27/08	04:43	SW	S	CONC
200	AD855262	1092608	TRACE1	09/27/08	04:48	SW	S	CONC
201	AD855263 B778	1092608	TRACE1	09/27/08	04:53	SW	S	CONC
202	A8B39701/TOT	1092608	TRACE1	09/27/08	04:58	SW	S	CONC
203	CRI	1092608	TRACE1	09/27/08	05:12	SW	B	CONC
204	ICSA	1092608	TRACE1	09/27/08	05:17	SW	Q	CONC
205	ICSAB	1092608	TRACE1	09/27/08	05:23	SW	Q	CONC
206	CCV	1092608	TRACE1	09/27/08	05:29	SW	Q	CONC
207	CCB	1092608	TRACE1	09/27/08	05:34	SW	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.12711	4.50757	22.2278	44.1562	50.388	19.003
2	As1890	.11878	1.32848	6.24957	12.3958	1.0110	.36547
3	B_2496	.01786	.42573	2.06819	4.11204	1.0105	.37483
4	Ba4934	.00213	.73738	3.7108	7.34307	1.0071	.37934
5	Be3130	.11566	1.65924	7.91334	15.4789	.99759	.37364
6	Ca3179	.03442			43.5049	49.736	18.539
7	Cd2265	.00093	1.9628	9.67738	19.3804	.99719	.36997
8	Co2286	-.00298	.85285	4.3126	8.56028	1.0000	.36749
9	Cr2677	.00564	.67646	3.38655	6.7104	.99953	.38420
10	Cu3247	.00598	.50893	2.55852	5.06286	1.0067	.36803
11	Fe2714	-.00033	.75003	3.772	7.50427	50.052	18.543
12	K_7664	-.11666			151.717	50.131	19.096
13	Mg2790	.00845			22.4786	49.817	18.597
14	Mn2576	.00076	.40457	2.03309	4.02875	1.0019	.37739
15	Na3302	.00529			2.37974	50.330	18.679
16	Ni2316	-.00708	.67034	3.39728	6.77236	.99795	.37597
17	2203/1	.01556	.56298	2.73345	5.4186	.99688	.37480
18	2203/2	.03099	2.9553	14.9688	29.6837	1.0044	.37745
19	Sb2068	.00204	.1953	.96453	1.94087	1.0138	.38207
20	1960/1	-.08511	.32991	1.95395	3.96504	.99187	.37927
21	1960/2	.05258	.51807	2.4507	4.85136	1.0065	.37755
22	Ti3372	-.00778	1.16217	5.89255	11.721	1.0024	.38625
23	Tl1908	-.02434	.33072	1.78561	3.60819	1.0105	.38119
24	V_2924	.00034	.08974	.45357	.90343	1.0057	.37063
25	Zn2062	.00059	.08707	.42983	.85144	.98841	.37462
26	Sn1899	-.0023	.06263	.31758	.63935	.99696	.37994
27	Ag3280	-.04348	.62905	3.37051	6.71737	1.0081	.37516
28	Mo2020	.00257	.28179	1.39575	2.76488	.99606	.37170
29	*Y	5853	5811.08	5768.55	5827.73	5721.38	5716.8
30	PB2203					1.0019	.37657
31	SE1960					1.0016	.37812

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01853	.21263	537.23	546.17	25.134	.02036
2	As1890	-.00034	.00951	-.00077	.11240	.48580	-.00139
3	B_2496	.00164	.02152	.00186	.00249	.49414	.00034
4	Ba4934	.00018	.00204	.00065	.55283	.49925	-.00002
5	Be3130	.00032	.00201	.00054	.51062	.49116	.00010
6	Ca3179	.01191	.48598	524.74	532.63	24.750	.01442
7	Cd2265	.00030	.00112	.00081	1.0212	.49906	.00003
8	Co2286	-.00039	.00363	-.00026	.50194	.48921	-.00058
9	Cr2677	-.00032	.00391	-.00080	.52658	.50994	-.00015
10	Cu3247	-.00030	.00927	-.00169	.54073	.48379	-.00034
11	Fe2714	.00746	.05325	202.98	102.30	24.689	-.00232
12	K_7664	.00316	.47869	-.00012	.02245	25.251	-.03069
13	Mg2790	.01073	.20195	522.12	523.22	24.524	.01560
14	Mn2576	.00019	.00298	-.00036	.51280	.49926	.00004
15	Na3302	-.07991	1.0075	-.09933	-.01236	24.579	-.05144
16	Ni2316	-.00037	.00952	.00067	.99679	.50214	-.00032
17	2203/1	.00145	.00387	.02180	.07785	.49815	.00079
18	2203/2	-.00218	.00412	-.01618	.03333	.50205	-.00272

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00096	.01819	.00167	.66638	.50887	-.00033
20	1960/1	.00950	.01498	-.00116	.06305	.50006	.00808
21	1960/2	-.00394	.01621	-.00047	.05179	.50692	-.00034
22	Ti3372	.00014	.00494	-.00010	.00174	.51373	-.00006
23	Tl1908	.00259	.02140	.00040	.10839	.51095	.00258
24	V_2924	.00000	.00489	.00035	.53426	.49234	-.00017
25	Zn2062	.00029	.01183	-.00288	.99320	.49677	.00010
26	Sn1899	.00237	.00878	.00575	.00451	.51139	.00100
27	Ag3280	.00025	.00330	.00093	.22584	.49623	.00032
28	Mo2020	-.00025	.00950	-.00039	.00191	.49050	-.00052
29	*Y	5814.08	5805.83	5239.2	5183.7	5748.15	5733.38
30	PB2203	-.00097	.00404	-.00353	.04816	.50075	-.00154
31	SE1960	.00054	.01580	-.00070	.05554	.50463	.00246

#	Element	AD8'4/PB	AD8'3/FB	AD854738	AD854739	AD854740	AD854741
1	Al3082	.03543	9.9855	.03379	.03795	.04040	.03076
2	As1890	-.00038	.20535	.01215	.00919	.00271	.00534
3	B_2496	.00136	.20017	3.0995	1.7347	.02886	.11365
4	Ba4934	.00011	.19868	1.4809	3.4606	.10572	.11949
5	Be3130	-.00014	.19430	.00033	.00030	-.00003	.00013
6	Ca3179	.04904	9.8071	262.65	291.84	18.418	130.78
7	Cd2265	.00000	.20103	-.00015	-.00023	-.00003	-.00021
8	Co2286	.00003	.19736	.01488	.00359	.00011	.00017
9	Cr2677	-.00024	.19623	.00426	.00121	-.00043	-.00005
10	Cu3247	-.00064	.19160	-.00018	-.00104	-.00039	.00089
11	Fe2714	.00402	9.9094	33.025	11.800	.01698	7.2411
12	K_7664	-.02765	10.401	63.339	4.4159	7.3360	6.7915
13	Mg2790	.02100	9.7729	136.04	73.727	2.4420	13.660
14	Mn2576	-.00004	.19611	1.1627	1.7120	.01427	.31965
15	Na3302	-.20617	9.8151	183.63	208.07	14.917	17.961
16	Ni2316	.00061	.19911	.04409	.00505	.00060	.00142
17	2203/1	-.00251	.19676	-.00095	-.00130	-.00152	-.00101
18	2203/2	-.00179	.20038	-.00100	-.00134	-.00242	-.00111
19	Sb2068	-.00040	.20604	.00115	.00098	-.00293	-.00199
20	1960/1	.01357	.22026	.01508	.01408	.01577	.02026
21	1960/2	-.00531	.20836	-.00543	-.00230	-.00298	-.00853
22	Ti3372	-.00037	.19495	.00301	.00116	.00019	.00033
23	Tl1908	.00039	.20783	.00193	.00248	.00620	.00344
24	V_2924	-.00037	.19459	.00517	.00082	-.00046	.00087
25	Zn2062	.00191	.19545	.41085	.00181	.00234	.00560
26	Sn1899	.00396	.21066	.00347	.00345	.00221	.00411
27	Ag3280	.00055	.04998	.00055	.00054	.00051	.00020
28	Mo2020	-.00059	.19256	.00109	.00054	.00001	.00166
29	*Y	5996.48	6001.2	5751.15	5729.17	5918.25	5917.42
30	PB2203	-.00203	.19918	-.00098	-.00132	-.00212	-.00107
31	SE1960	.00098	.21232	.00140	.00315	.00327	.00106

#	Element	AD8'1:5)	AD8'1/PS	AD8'2/MD	AD8'3/MS	CCV	CCB
1	Al3082	.06572	10.317	.02950	4.0891	25.167	.05358
2	As1890	-.00075	.20420	.00292	.08748	.48351	-.00124
3	B_2496	.02542	.31572	.10993	.11216	.49278	.00096
4	Ba4934	.02502	.32016	.11785	4.0991	.49824	.00006
5	Be3130	.00020	.19360	.00006	.09841	.48701	.00039
6	Ca3179	26.275	136.47	128.45	128.66	24.615	.02257
7	Cd2265	.00004	.19655	-.00020	.09897	.49839	.00011
8	Co2286	-.00007	.19356	.00061	.98339	.48703	-.00021
9	Cr2677	-.00002	.19398	-.00030	.40226	.50686	-.00029
10	Cu3247	-.00039	.19395	.00039	.48929	.48333	-.00102
11	Fe2714	1.4706	16.818	7.0500	9.1138	24.599	.01669
12	K_7664	1.2504	17.579	6.7684	6.7125	25.348	-.00321
13	Mg2790	2.7230	22.936	13.424	13.436	24.440	.02473
14	Mn2576	.06453	.50458	.31523	1.2996	.49630	.00002
15	Na3302	3.4586	27.936	17.776	17.884	24.568	-.13799
16	Ni2316	-.00055	.19617	.00244	1.0060	.50146	-.00001
17	2203/1	.00162	.19238	-.00325	.03963	.49969	.00075
18	2203/2	-.00130	.19597	-.00059	.03961	.49649	-.00111
19	Sb2068	-.00090	.20229	-.00228	.20938	.51037	.00006
20	1960/1	.00758	.21995	.01526	.11774	.50077	.00642
21	1960/2	-.00244	.20919	-.00479	.10406	.50099	-.00203
22	Ti3372	.00031	.19572	.00047	-.00009	.51271	.00012
23	Tl1908	.00101	.20525	.00143	.10701	.51555	-.00021
24	V_2924	.00026	.19663	.00087	.99720	.49034	.00010
25	Zn2062	.00152	.19455	.00412	.97029	.49389	.00020
26	Sn1899	.00210	.16242	.00345	.20333	.50868	.00021
27	Ag3280	.00056	.05014	.00066	.10005	.49545	.00096
28	Mo2020	.00024	.19127	-.00006	-.00053	.48868	.00053
29	*Y	5811	5903.48	5915.03	5916.83	5674.35	5784.23
30	PB2203	-.00032	.19477	-.00148	.03962	.49755	-.00049
31	SE1960	.00089	.21278	.00189	.10862	.50091	.00078

#	Element	AD854744	AD854745	AD854746	AD854747	AD854748	AD854749
1	Al3082	.05695	.02740	.07634	.04083	.29584	.09319
2	As1890	.00251	.01471	.00042	.05647	.00269	.01186
3	B_2496	.02553	2.7279	.55008	.17668	1.2659	2.3267
4	Ba4934	.10320	1.9390	.04860	.60271	.43589	3.3240
5	Be3130	.00004	.00027	.00012	.00005	.00027	.00022
6	Ca3179	18.190	221.90	188.67	209.25	241.68	200.43
7	Cd2265	-.00001	.00002	.00033	.00015	.00021	-.00026
8	Co2286	.00009	.00459	.01618	.00348	.00289	.00223
9	Cr2677	-.00020	.00193	.00152	.00208	.00287	.00249
10	Cu3247	-.00096	-.00122	.00118	-.00031	.00321	-.00102
11	Fe2714	.01968	31.962	6.9028	14.433	6.0694	24.848
12	K_7664	7.3404	63.497	11.352	3.3597	19.631	50.715
13	Mg2790	2.4019	149.83	47.999	67.425	66.072	131.53
14	Mn2576	.01370	.60432	6.1105	1.3314	3.9421	.50927
15	Na3302	14.787	130.39	25.871	65.168	60.151	119.44
16	Ni2316	.00079	.00414	.02562	.01249	.01332	.00609
17	2203/1	-.00350	-.00103	-.00283	-.00305	-.00164	-.00303
18	2203/2	.00080	-.00068	-.00105	-.00205	.00284	-.00049

#	Element	AD854744	AD854745	AD854746	AD854747	AD854748	AD854749
19	Sb2068	-.00108	.00014	-.00048	.00114	-.00158	-.00108
20	1960/1	.01169	.01152	.01575	.01148	.01233	.01519
21	1960/2	-.00821	-.00507	-.00274	-.00025	-.00530	-.00605
22	Ti3372	.00056	.00115	.00222	.00098	.01068	.00326
23	Tl1908	.00187	.00168	.00737	.00509	.00190	.00248
24	V_2924	.00037	.00094	-.00014	.00054	.00101	.00128
25	Zn2062	.00222	.00330	.06446	.00219	.11460	.00107
26	Sn1899	.00352	.00255	.00257	.00218	.00435	.00292
27	Ag3280	.00125	.00083	.00085	.00145	.00078	.00107
28	Mo2020	.00048	-.00073	.00048	.00050	.00117	-.00032
29	*Y	5965.12	5771.62	5862	5861.78	5817.23	5787.67
30	PB2203	-.00063	-.00080	-.00165	-.00238	.00135	-.00134
31	SE1960	-.00157	.00046	.00342	.00365	.00057	.00102

#	Element	AD854750	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.89590	.23904	541.80	546.61	25.335	.06688
2	As1890	.05244	.01018	-.00157	.11283	.48786	-.00045
3	B_2496	3.8923	.02499	.00576	.00285	.49511	.00178
4	Ba4934	4.9515	.00203	.00062	.54968	.50035	.00002
5	Be3130	.00030	.00231	.00101	.50396	.48846	.00045
6	Ca3179	178.54	.48929	535.63	537.17	24.917	.03720
7	Cd2265	-.00023	.00115	-.00140	1.0550	.50751	.00012
8	Co2286	.00650	.00378	-.00008	.50577	.49324	-.00019
9	Cr2677	.00580	.00440	-.00100	.52913	.51247	-.00023
10	Cu3247	.00014	.00893	-.00311	.53537	.48451	-.00032
11	Fe2714	19.272	.05100	206.91	103.39	24.840	.01343
12	K_7664	66.773	.49821	.01644	-.00155	25.660	-.02326
13	Mg2790	160.22	.20420	522.91	520.79	24.505	.04138
14	Mn2576	.24398	.00295	-.00058	.51298	.50003	.00011
15	Na3302	147.87	1.1628	-.06029	-.10794	24.742	-.03449
16	Ni2316	.00750	.00977	.00051	1.0079	.50738	-.00058
17	2203/1	.00145	.00859	.02627	.08209	.50277	.00144
18	2203/2	.00050	.00151	-.01825	.03100	.50076	-.00076
19	Sb2068	.00021	.02238	.00190	.68949	.52047	-.00137
20	1960/1	.01454	.02363	.00324	.05777	.50735	.00956
21	1960/2	-.00244	.01042	-.00209	.05417	.50258	.00053
22	Ti3372	.04378	.00516	.00015	.00190	.51862	.00023
23	Tl1908	.00316	.02130	.00006	.10956	.52472	-.00225
24	V_2924	.00304	.00496	.00105	.53818	.49630	-.00008
25	Zn2062	.00516	.01128	-.00331	1.0054	.50188	.00072
26	Sn1899	.00360	.01061	.00653	.00513	.51292	.00153
27	Ag3280	.00093	H.00399	.00171	.22504	.49773	.00112
28	Mo2020	.00112	.01123	-.00072	-.00011	.49594	-.00020
29	*Y	5747.03	5731.8	5193.98	5173.58	5669.93	5700.83
30	PB2203	.00082	.00387	-.00342	.04801	.50143	-.00002
31	SE1960	.00322	.01483	-.00031	.05537	.50417	.00354

#	Element	AD854751	AD854752	AD8'6/PB	AD8'5/FB	AD855024	AD855025
1	Al3082	.20411	.63727	.03056	9.8383	.39437	.98825
2	As1890	.02511	.00289	-.00102	.20062	.00692	-.00028
3	B_2496	4.6628	.12003	.00409	.20091	2.0410	.07727
4	Ba4934	4.6808	.06939	.00001	.19587	.36722	.04008
5	Be3130	.00024	.00009	-.00002	.18977	.00016	.00083
6	Ca3179	152.81	25.686	.03448	9.6010	190.88	70.750
7	Cd2265	-.00006	.00020	.00000	.19729	-.00002	.01151
8	Co2286	.00273	.00035	.00019	.19371	.00106	.03721
9	Cr2677	.00559	.00331	-.00076	.19229	.00934	.00083
10	Cu3247	-.00045	.00007	-.00107	.18782	.00170	.20737
11	Fe2714	22.359	.52914	.00843	9.6812	14.532	1.1891
12	K_7664	61.275	6.3547	-.02003	10.328	34.192	5.3218
13	Mg2790	144.02	5.2253	.00249	9.5557	62.986	9.6270
14	Mn2576	.17278	.01709	-.00004	.19191	4.9201	2.1575
15	Na3302	200.70	33.961	-.12426	9.8275	93.270	16.353
16	Ni2316	.00781	.00196	.00078	.19579	.00848	.19239
17	2203/1	-.00210	-.00121	-.00197	.19513	.00010	.02475
18	2203/2	-.00168	-.00020	-.00094	.19688	-.00043	.02518
19	Sb2068	-.00360	.00122	-.00192	.19924	-.00184	.00096
20	1960/1	.01204	.01701	.01488	.22244	.01291	.01544
21	1960/2	-.00180	-.00548	-.00258	.20895	-.00361	-.00293
22	Ti3372	.00793	.02936	-.00019	.19159	.01633	.00047
23	Tl1908	.00012	.00349	.00384	.20614	.00569	.00265
24	V_2924	.00315	.00651	-.00009	.19132	.00099	.00062
25	Zn2062	.00525	.01026	.00182	.19292	.03761	5.8450
26	Sn1899	.00266	.00427	.00292	.20114	.00339	.00376
27	Ag3280	.00134	.00109	.00098	.05025	.00090	.00142
28	Mo2020	.00030	.00656	-.00002	.19040	-.00020	.00052
29	*Y	5802	5947.8	5980.58	5956.05	5884.2	5948.03
30	PB2203	-.00182	-.00053	-.00128	.19630	-.00025	.02503
31	SE1960	.00281	.00201	.00323	.21345	.00189	.00318

#	Element	AD855026	AD855027	AD855028	AD855029	CCV	CCB
1	Al3082	.03335	.42481	.41062	1.2927	23.232	.03451
2	As1890	.00299	.00710	.00609	.00571	Q.44639	-.00073
3	B_2496	.13710	2.5421	2.6817	.14598	.45490	.00254
4	Ba4934	.23271	.09356	.08074	.15782	.45758	.00005
5	Be3130	.00006	.00081	.00084	.00001	Q.44659	-.00008
6	Ca3179	129.94	247.29	255.87	117.07	22.700	.02971
7	Cd2265	.00000	.00006	-.00001	.00006	.45995	.00023
8	Co2286	.00296	.00096	.00120	.00517	Q.44860	-.00015
9	Cr2677	.00128	.00476	.00491	.00236	.46592	-.00010
10	Cu3247	-.00048	.00585	.00679	.01252	Q.44580	-.00041
11	Fe2714	4.6496	1.2734	1.1310	19.455	22.581	.00177
12	K_7664	1.5945	304.95	319.26	5.4973	24.055	-.00830
13	Mg2790	34.677	670.39	695.08	16.239	Q22.351	.03668
14	Mn2576	.40439	.24688	.21407	2.8099	.45544	.00015
15	Na3302	28.744	H2671.3	H2734.3	25.138	22.978	.19426
16	Ni2316	.00279	.00754	.00770	.00858	.46078	.00020
17	2203/1	-.00174	.00476	.00446	.00734	.45771	.00168
18	2203/2	-.00214	.00800	.00870	.01081	.45877	-.00193

#	Element	AD855026	AD855027	AD855028	AD855029	CCV	CCB
19	Sb2068	.00003	-.00045	.00130	-.00010	.47102	.00013
20	1960/1	.01454	.01216	.01276	.00833	.45585	.00851
21	1960/2	-.00862	-.00494	-.00516	-.00196	.46394	-.00155
22	Ti3372	.00055	.01682	.01491	.04256	.47335	.00051
23	Tl1908	.00254	.00526	.00389	.00197	.47657	-.00068
24	V_2924	.00018	.00799	.00595	.00660	.45232	.00008
25	Zn2062	.00292	.07221	.08299	.07288	.45702	.00063
26	Sn1899	.00247	.00411	.00136	.00393	.46422	.00178
27	Ag3280	.00135	.00133	.00129	.00123	.45908	.00123
28	Mo2020	.00034	.00197	.00245	-.00069	Q.44785	-.00024
29	*Y	5898.75	5088.15	5066.1	5982.38	6028.28	6083.48
30	PB2203	-.00201	.00692	.00729	.00966	.45842	-.00073
31	SE1960	-.00089	.00075	.00081	.00147	.46124	.00180

#	Element	AD8'1:5)	AD8'9/PS	AD8'0/MD	AD8'1/MS	AD855032	AD855033
1	Al3082	.32811	11.949	7.7917	4.6205	.02041	16.068
2	As1890	.00004	.20731	.01857	.04879	.00035	.02562
3	B_2496	.02952	.35384	.16768	.14893	.00183	.20542
4	Ba4934	.03152	.36702	.29586	2.1426	.00014	.63962
5	Be3130	-.00003	.19556	.00052	.04861	.00002	.00103
6	Ca3179	23.139	128.32	129.38	121.55	.06154	174.29
7	Cd2265	.00018	.19934	.00192	.04943	.00013	.00621
8	Co2286	.00096	.20072	.01458	.49374	-.00031	.02216
9	Cr2677	.00024	.19871	.01553	.20373	-.00004	.02917
10	Cu3247	.00217	.20874	.08414	.27019	.00012	.22526
11	Fe2714	3.8842	29.621	53.522	28.109	.00569	63.983
12	K_7664	1.0234	16.916	6.9040	5.7801	-.02400	15.738
13	Mg2790	3.1962	26.236	18.882	17.170	.00686	26.504
14	Mn2576	.56280	3.0322	3.0327	3.3599	.00041	7.3121
15	Na3302	4.8311	35.247	26.405	25.369	-.02945	60.089
16	Ni2316	.00127	.20581	.03068	.51104	.00060	.07358
17	2203/1	.00420	.20032	.05732	.03924	-.00148	.20449
18	2203/2	.00049	.20703	.05760	.03945	-.00237	.20445
19	Sb2068	.00034	.20767	.00248	.10337	.00121	.00340
20	1960/1	.00750	.22155	.01204	.06410	.01410	.01590
21	1960/2	-.00423	.21155	-.00498	.05004	-.00721	.00056
22	Ti3372	.01309	.25594	.30023	.08658	.00039	.43464
23	Tl1908	.00131	.21078	.00297	.05269	.00192	.00539
24	V_2924	.00149	.20459	.03766	.50284	.00009	.05252
25	Zn2062	.01501	.26546	.43917	.62391	.00156	3.0822
26	Sn1899	.00164	.16785	.00755	.20409	.00304	.02829
27	Ag3280	.00094	.05088	.00135	.04998	.00093	.00112
28	Mo2020	-.00051	.19718	.00154	.00137	-.00068	.00361
29	*Y	5950.28	5844.45	5881.65	5850.53	5914.12	5846.55
30	PB2203	.00173	.20480	.05750	.03938	-.00207	.20446
31	SE1960	-.00032	.21488	.00069	.05473	-.00010	.00567

#	Element	AD855034	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.02168	.19664	486.90	502.24	23.290	.05972
2	As1890	-.00043	.00788	-.00277	.10255	Q.44723	-.00102
3	B_2496	.00180	.02075	.00150	.00336	.45616	.00048
4	Ba4934	.00008	.00185	.00052	.50258	.45891	.00002
5	Be3130	.00005	.00168	.00019	.46466	.45035	.00000
6	Ca3179	.04147	.45393	475.05	487.48	22.818	.05388
7	Cd2265	.00014	.00099	.00034	.95659	.46327	.00040
8	Co2286	.00006	.00362	-.00042	.46471	.45234	-.00013
9	Cr2677	-.00038	.00342	-.00130	.48349	.46922	.00025
10	Cu3247	-.00021	.00868	-.00170	.49729	.45012	.00042
11	Fe2714	.00290	.04688	184.06	93.794	22.617	.01122
12	K_7664	-.02187	.45419	-.00193	-.00208	24.433	-.02410
13	Mg2790	.00725	.18365	473.11	479.35	22.513	.05444
14	Mn2576	.00077	.00283	-.00029	.46908	.45833	.00020
15	Na3302	-.06121	.92216	.05835	.08613	23.262	.10118
16	Ni2316	.00093	.00856	-.00014	.91926	.46234	-.00100
17	2203/1	-.00186	.00640	.02190	.06728	.45874	.00275
18	2203/2	-.00153	.00490	-.01621	.03423	.45965	-.00137
19	Sb2068	-.00534	.01855	.00147	.62504	.47229	.00123
20	1960/1	.01196	.02024	.00183	.04777	.45879	.00819
21	1960/2	-.00652	.01183	-.00901	.04664	.46699	-.00407
22	Ti3372	.00013	.00477	.00040	.00223	.47742	.00059
23	Tl1908	.00252	.02102	-.00502	.10031	.47765	.00005
24	V_2924	.00010	.00531	.00096	.49365	.45526	-.00009
25	Zn2062	.00346	.01091	-.00401	.92792	.46271	.00134
26	Sn1899	.00370	.00969	.00555	.00356	.46479	.00162
27	Ag3280	.00128	.00379	.00164	.20941	.46417	.00106
28	Mo2020	-.00065	.00925	.00048	.00054	.45546	-.00026
29	*Y	5869.35	5962.8	5561.33	5452.5	5951.78	5975.55
30	PB2203	-.00164	.00540	-.00352	.04524	.45934	.00000
31	SE1960	-.00036	.01463	-.00539	.04702	.46425	.00001

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.12973	4.16952	20.4265	41.0699	51.260	18.993
2	As1890	.10837	1.24124	5.78352	11.4601	1.0290	.36535
3	B_2496	.01768	.39158	1.91442	3.83932	1.0281	.37724
4	Ba4934	.001	.67435	3.40204	6.83278	1.0157	.37655
5	Be3130	.1128	1.51892	7.20848	14.2342	1.0152	.37388
6	Ca3179	.03679			40.3139	50.985	18.694
7	Cd2265	.00283	1.84477	9.1495	18.136	1.0264	.37657
8	Co2286	-.00901	.79228	3.99101	7.95862	1.0219	.36965
9	Cr2677	.00183	.62802	3.12654	6.23235	1.0193	.38519
10	Cu3247	.00533	.46443	2.33221	4.70118	1.0265	.36707
11	Fe2714	-.00058	.69593	3.49095	6.9624	51.112	18.626
12	K_7664	-.21903			144.391	51.133	19.044
13	Mg2790	.00825			20.7084	50.613	18.610
14	Mn2576	.00066	.37201	1.87173	3.73749	1.0193	.37837
15	Na3302	.00433			2.2452	50.497	18.535
16	Ni2316	-.00842	.62618	3.17428	6.30139	1.0215	.37888
17	2203/1	.02485	.53343	2.55963	5.04333	1.0166	.37749
18	2203/2	-.02118	2.80489	13.8768	27.4905	1.0094	.37728

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	Sb2068	-.00158	.18717	.9106	1.84265	1.0168	.37538
20	1960/1	-.06256	.31899	1.80488	3.64321	1.0206	.37761
21	1960/2	.03904	.47913	2.25609	4.47507	1.0325	.38364
22	Ti3372	-.00291	1.08007	5.45118	10.9242	1.0279	.38837
23	Tl1908	-.01485	.3302	1.70493	3.4222	1.0337	.37834
24	V_2924	.00033	.08338	.41981	.84127	1.0282	.37260
25	Zn2062	.00075	.08079	.40019	.79027	1.0208	.38159
26	Sn1899	-.001	.05687	.29393	.59035	1.0372	.38592
27	Ag3280	-.0362	.58445	3.10044	6.28631	1.0251	.37534
28	Mo2020	.00192	.25893	1.29582	2.57973	1.0184	.37474
29	*Y	5992.88	5978.25	5938.35	5902.35	5889.68	5974.88
30	PB2203					1.0118	.37735
31	SE1960					1.0285	.38163

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.02419	.21135	528.40	542.19	25.213	.01811
2	As1890	.00105	.00923	.00031	.11312	.48408	.00083
3	B_2496	.00127	.02368	.00301	.00393	.49583	.00140
4	Ba4934	.00024	.00227	.00072	.54463	.50014	.00017
5	Be3130	.00021	.00209	.00045	.51141	.49554	.00012
6	Ca3179	.00165	.48871	519.39	537.70	24.795	.01444
7	Cd2265	-.00003	.00090	-.00034	1.0347	.49608	.00029
8	Co2286	.00050	.00489	.00040	.50364	.48953	.00073
9	Cr2677	.00033	.00482	-.00047	.52719	.50959	.00025
10	Cu3247	-.00102	.00936	-.00214	.53694	.49037	-.00045
11	Fe2714	.00481	.05790	199.95	102.51	24.619	.00540
12	K_7664	.01925	.53465	.03151	.03603	25.443	.02463
13	Mg2790	.00595	.20445	515.12	523.53	24.562	.01867
14	Mn2576	.00009	.00304	-.00011	.51232	.50112	.00002
15	Na3302	-.11292	.99081	.03795	.00751	24.652	-.02112
16	Ni2316	.00001	.01044	.00001	.99901	.49854	.00006
17	2203/1	-.00146	.00369	.02124	.07828	.49779	-.00019
18	2203/2	.00124	.00458	-.01084	.03675	.49356	.00041
19	Sb2068	.00056	.01894	.00444	.65131	.49960	.00201
20	1960/1	-.00386	.01905	-.00716	.06032	.49273	.00000
21	1960/2	-.00076	.01145	-.00084	.05435	.50461	.00248
22	Ti3372	-.00036	.00487	-.00037	.00158	.51641	-.00018
23	Tl1908	.00052	.02014	-.00572	.10349	.49871	.00100
24	V_2924	.00000	.00534	.00007	.53495	.49355	.00010
25	Zn2062	.00062	.01130	-.00282	1.0168	.50157	.00073
26	Sn1899	-.00183	.00630	.00325	.00328	.50951	.00000
27	Ag3280	-.00045	.00284	.00017	.22381	.49958	-.00030
28	Mo2020	.00052	.00845	.00006	-.00202	.49417	.00029
29	*Y	5986.43	5941.35	5527.28	5496.15	5940.38	5983.43
30	PB2203	.00034	.00428	-.00016	.05058	.49497	.00021
31	SE1960	-.00179	.01398	-.00294	.05634	.50065	.00165

#	Element	AD8'6/PB	AD8'5/FB	AD855266	AD855267	AD855268	AD8'1:5)
1	Al3082	.04685	10.341	.05261	.28335	.02736	.01366
2	As1890	-.00208	.20726	-.00053	-.00128	.00041	-.00007
3	B_2496	.00402	.20657	.10341	.04664	.19320	.03970
4	Ba4934	.00023	.20780	.09066	.20395	.24289	.04995
5	Be3130	.00011	.20394	.00026	.00011	.00019	.00025
6	Ca3179	.07216	10.225	156.15	113.31	195.99	40.483
7	Cd2265	.00007	.20595	.00000	-.00001	-.00015	-.00004
8	Co2286	.00078	.20474	.00465	.00028	.00285	.00083
9	Cr2677	.00056	.20470	.00064	.00089	.00073	.00003
10	Cu3247	-.00008	.20282	-.00043	.00029	.00186	.00048
11	Fe2714	.01446	10.223	.16637	.32408	1.5753	.32283
12	K_7664	.03119	10.682	6.0671	2.6991	6.2660	1.1663
13	Mg2790	.03210	10.128	47.020	42.024	72.137	14.810
14	Mn2576	.00018	.20465	3.3239	.01096	2.0957	.43573
15	Na3302	-.04007	10.321	8.8372	6.0752	80.596	16.433
16	Ni2316	.00032	.20450	.01188	.00045	.00201	.00002
17	2203/1	-.00035	.20537	-.00472	.00002	-.00129	.00016
18	2203/2	-.00193	.20360	.00167	-.00007	.00029	-.00151
19	Sb2068	.00334	.20327	-.00007	.00406	.00569	.00409
20	1960/1	.00144	.21127	-.00063	.00763	.00775	.00002
21	1960/2	.00289	.20518	.00116	.00369	.00028	-.00111
22	Ti3372	-.00009	.20389	.00030	.01063	.00005	-.00015
23	Tl1908	.00076	.20440	.00274	-.00248	.00061	-.00507
24	V_2924	.00000	.20312	.00020	.00201	.00008	-.00019
25	Zn2062	.00253	.20713	.01141	.00317	.00836	.00156
26	Sn1899	.00000	.21077	-.00077	-.00087	.00002	-.00040
27	Ag3280	-.00035	.05104	-.00044	-.00035	-.00070	-.00087
28	Mo2020	.00020	.20390	.00089	.00059	.00130	.00070
29	*Y	5946.3	5950.88	5941.2	5937	5878.5	5747.7
30	PB2203	-.00141	.20419	-.00045	-.00004	-.00023	-.00095
31	SE1960	.00241	.20721	.00056	.00500	.00277	-.00073

#	Element	AD8'8/PS	AD8'9/MS	AD8'0/SD	AD855271	CCV	CCB
1	Al3082	10.737	10.427	10.329	.12987	25.199	.01593
2	As1890	.20229	.21020	.20724	.00035	.48092	.00036
3	B_2496	.39951	.40091	.39783	.03439	.49489	.00115
4	Ba4934	.45097	.44943	.44874	.15266	.50007	.00034
5	Be3130	.20263	.20358	.20102	.00007	.49543	.00024
6	Ca3179	200.71	209.18	208.93	91.106	24.671	.02537
7	Cd2265	.19795	.20270	.19971	.00009	.48888	.00028
8	Co2286	.19949	.20316	.20027	.00099	.48717	.00073
9	Cr2677	.20102	.20378	.20165	.00087	.50805	.00036
10	Cu3247	.20299	.20486	.20267	.00084	.49054	.00049
11	Fe2714	11.603	11.749	11.665	.14398	24.468	.01449
12	K_7664	17.657	17.633	17.467	2.2461	25.398	.02928
13	Mg2790	80.490	83.234	83.040	33.399	24.579	.02328
14	Mn2576	2.2434	2.3154	2.3140	.01668	.49897	.00027
15	Na3302	89.250	90.814	91.190	4.1576	24.662	.04043
16	Ni2316	.20061	.20175	.20004	.00065	.49728	.00013
17	2203/1	.19428	.20170	.19509	-.00090	.49182	-.00127
18	2203/2	.19825	.19969	.19910	.00034	.49135	.00084

#	Element	AD8'8/PS	AD8'9/MS	AD8'0/SD	AD855271	CCV	CCB
19	Sb2068	.20201	.20713	.20321	.00132	.49652	.00088
20	1960/1	.20431	.20841	.20867	.00297	.49958	.00187
21	1960/2	.20480	.21009	.20749	.00129	.50079	-.00208
22	Ti3372	.20396	.20456	.20259	.00731	.51440	.00005
23	Tl1908	.19466	.20674	.19952	-.00170	.49409	.00019
24	V_2924	.20359	.20426	.20185	.00293	.49165	.00021
25	Zn2062	.20545	.20647	.20472	.00656	.49959	.00063
26	Sn1899	.16643	.21008	.20527	.00056	.50441	-.00029
27	Ag3280	.05148	.05279	.05199	-.00022	.49967	-.00015
28	Mo2020	.20450	.20444	.20243	.00494	.49295	-.00028
29	*Y	5868.98	5861.4	5886.9	5930.1	5946.38	5931.3
30	PB2203	.19693	.20036	.19776	-.00006	.49151	.00014
31	SE1960	.20464	.20953	.20788	.00185	.50038	-.00076

#	Element	AD855272	AD855273	AD855274	AD855275	AD855276	AD855277
1	Al3082	.22989	.67976	.02893	.07666	1.9026	1.5859
2	As1890	.00000	.00090	-.00118	.00129	.00674	.00949
3	B_2496	.03588	.14378	.03959	.02035	.02727	.02990
4	Ba4934	.12612	.15106	.23094	.01318	.03109	.31394
5	Be3130	.00023	.00013	.00007	.00000	.00085	.00042
6	Ca3179	107.29	126.89	97.219	4.0142	43.329	9.2866
7	Cd2265	.00007	.00022	.00000	.00019	.00015	-.00039
8	Co2286	.00106	.00107	.00080	.00184	.16912	.01259
9	Cr2677	.00081	.00136	.00088	.00040	.00033	.00085
10	Cu3247	.00044	.00195	.00081	.00010	-.00034	.00072
11	Fe2714	.39985	.63018	.05341	.33112	29.863	63.203
12	K_7664	2.5034	.93275	3.5555	.81440	3.1507	2.1249
13	Mg2790	36.427	36.214	37.146	.64537	30.652	19.438
14	Mn2576	.02031	.86352	.05525	.02192	4.9953	.12904
15	Na3302	4.6430	21.525	6.2259	9.0030	16.972	59.715
16	Ni2316	.00142	.01256	.00029	.00188	.00942	.00475
17	2203/1	-.00214	-.00203	-.00244	-.00248	-.00071	-.00048
18	2203/2	.00180	.00035	.00038	.00037	.00011	-.00042
19	Sb2068	.00361	.00079	.00277	-.00047	.00194	.00098
20	1960/1	.00479	.00302	.00387	.00304	.00540	.00643
21	1960/2	.00056	.00363	.00166	.00040	.00254	.00331
22	Ti3372	.00896	.02267	.00090	.00083	.00874	.01293
23	Tl1908	.00262	.00012	-.00284	-.00313	.00085	-.00075
24	V_2924	.00120	.00240	.00142	.00139	.00362	.00271
25	Zn2062	.00264	.00561	.00201	.01546	.02052	.01417
26	Sn1899	-.00058	.00094	.00040	.00098	.00103	.00119
27	Ag3280	-.00039	-.00026	.00008	-.00042	-.00076	-.00049
28	Mo2020	.00180	.00302	.00246	.00000	.00034	.00041
29	*Y	5941.12	5932.2	5920.95	6002.78	6773.1	6108.23
30	PB2203	.00048	-.00044	-.00055	-.00057	-.00016	-.00044
31	SE1960	.00197	.00343	.00240	.00128	.00349	.00435

#	Element	AD855278	AD855279	AD855280	AD855281	CCV	CCB
1	Al3082	1.0379	.01483	.03093	.04066	25.484	.01051
2	As1890	-.00057	-.00081	.00002	.00390	.48762	-.00100
3	B_2496	.04029	.04524	.04490	.05901	.49972	.00117
4	Ba4934	.06715	.01029	.00963	.08435	.50465	.00024
5	Be3130	.00123	-.00006	-.00002	.00038	.50258	.00018
6	Ca3179	18.171	24.838	47.260	139.10	24.972	.02158
7	Cd2265	.00013	-.00020	.00000	.00006	.49764	.00027
8	Co2286	.00896	.00011	.00035	.00041	.49336	.00032
9	Cr2677	.00036	.00016	.00069	.00099	.51436	.00036
10	Cu3247	-.00009	-.00007	.00095	.00174	.49678	.00071
11	Fe2714	6.8801	1.6454	.37889	5.5371	24.743	.01511
12	K_7664	2.5178	3.1262	3.0229	5.5166	25.723	.01583
13	Mg2790	15.558	5.2647	5.8229	19.931	24.944	.01922
14	Mn2576	.15524	.12072	.09351	.17279	.50525	.00023
15	Na3302	23.102	12.717	11.820	56.471	25.090	-.10684
16	Ni2316	.00506	.00082	.00010	.00156	.50273	-.00051
17	2203/1	-.00147	-.00043	.00004	-.00242	.50125	.00074
18	2203/2	-.00044	.00003	-.00073	.00086	.49766	.00071
19	Sb2068	.00205	.00324	.00192	.00265	.49903	.00399
20	1960/1	.00466	.00697	.00662	.00068	.50372	.00551
21	1960/2	-.00040	-.00101	.00198	.00373	.51020	.00255
22	Ti3372	.00074	-.00017	.00034	.00030	.52148	.00000
23	Tl1908	-.00203	-.00063	.00002	-.00161	.49792	-.00430
24	V_2924	.00034	-.00023	.00020	.00018	.49737	.00011
25	Zn2062	.01398	.00168	.00421	.00482	.50860	.00000
26	Sn1899	.00017	.00098	.00153	.00074	.50870	.00000
27	Ag3280	-.00053	-.00061	-.00046	.00011	.50567	-.00056
28	Mo2020	.00093	.00016	.00108	.00081	.50159	.00027
29	*Y	6091.12	6018.38	5957.4	5951.4	5921.25	5928.75
30	PB2203	-.00078	-.00012	-.00047	-.00022	.49885	.00072
31	SE1960	.00128	.00164	.00353	.00271	.50803	.00353

#	Element	AD855282	AD855283	AD855284	AD8'2/PB	AD8'1/FB	AD855127
1	Al3082	.05193	.03970	.01565	.00548	10.238	.02170
2	As1890	.00073	-.00111	.00016	-.00021	.20382	.01083
3	B_2496	.04419	.05770	.00394	.00376	.20556	.41059
4	Ba4934	.01118	.07651	.00013	.00009	.20554	.08185
5	Be3130	.00001	.00009	-.00007	-.00010	.20331	.00022
6	Ca3179	49.288	61.190	.06049	.04898	10.087	153.22
7	Cd2265	.00001	.00008	-.00012	-.00002	.20296	.00008
8	Co2286	-.00013	.00041	.00070	.00041	.20265	.00129
9	Cr2677	.00008	.00066	.00014	.00001	.20285	.00040
10	Cu3247	.00024	.00179	.00024	.00032	.20218	.00342
11	Fe2714	.45333	6.1630	.00361	.00781	10.072	.12702
12	K_7664	3.4291	4.3856	.01284	.00831	10.786	10.771
13	Mg2790	6.8933	11.993	.00371	.00223	10.096	97.130
14	Mn2576	.11363	.05860	.00007	-.00001	.20287	2.5757
15	Na3302	16.998	27.951	.04703	-.03753	10.348	225.99
16	Ni2316	-.00009	.00071	.00057	-.00026	.20170	.00039
17	2203/1	.00065	-.00303	-.00293	-.00232	.20401	-.00074
18	2203/2	-.00090	.00078	.00099	.00077	.20249	.00226

#	Element	AD855282	AD855283	AD855284	AD8'2/PB	AD8'1/FB	AD855127
19	Sb2068	.00096	.00149	.00327	-.00034	.19981	.00273
20	1960/1	.00492	.00616	.00139	.00438	.20757	.00662
21	1960/2	-.00113	.00450	.00001	.00120	.20522	.00018
22	Ti3372	.00110	.00080	-.00001	-.00003	.20188	.00075
23	Tl1908	-.00181	-.00039	-.00178	-.00137	.20108	-.00050
24	V_2924	.00009	.00067	.00000	.00010	.20036	.00123
25	Zn2062	.00241	.00669	.00167	.00073	.20549	.00257
26	Sn1899	.00166	.00069	.00086	-.00128	.20415	.00188
27	Ag3280	-.00078	.00004	-.00085	-.00056	.05127	-.00047
28	Mo2020	-.00034	-.00034	-.00028	-.00018	.20549	.00161
29	*Y	5976.68	5982.53	5990.48	5956.58	5943.45	5876.62
30	PB2203	-.00038	-.00048	-.00031	-.00025	.20300	.00126
31	SE1960	.00088	.00505	.00047	.00226	.20600	.00233

#	Element	AD855128	AD855122	AD855123	AD855124	CCV	CCB
1	Al3082	.02352	.16220	.00443	1.6304	25.642	-.00489
2	As1890	.01793	.14669	.00039	.02045	.49385	-.00097
3	B_2496	.42993	.21852	.06352	.18998	.50592	.00134
4	Ba4934	.06523	.23919	.07201	.17519	.50684	.00019
5	Be3130	.00016	.00000	.00000	.00014	.50732	.00003
6	Ca3179	90.975	88.058	124.81	53.005	25.097	.00334
7	Cd2265	.00010	.00006	-.00002	.00000	.50233	.00003
8	Co2286	.00321	.00046	.00096	.00229	.49693	.00084
9	Cr2677	.00087	.00052	.00169	.00316	.51755	.00054
10	Cu3247	.00531	.00033	.00082	.00284	.50155	.00063
11	Fe2714	1.1956	4.5642	1.1446	3.8896	24.865	.00908
12	K_7664	15.391	2.3569	2.0793	4.4910	26.195	.00873
13	Mg2790	63.698	42.401	86.724	31.073	25.066	.00328
14	Mn2576	1.5103	.04763	.28020	.08018	.50946	.00016
15	Na3302	H845.89	115.11	43.695	187.43	25.159	-.00079
16	Ni2316	.00191	-.00016	.00091	.00192	.50480	-.00029
17	2203/1	-.00059	-.00250	-.00054	-.00081	.50240	-.00180
18	2203/2	.00034	.00185	-.00051	.00261	.50195	.00242
19	Sb2068	.00153	.00313	.00216	.00246	.49994	.00105
20	1960/1	.00769	.00384	.00188	.00413	.49477	.00162
21	1960/2	.00175	-.00014	.00061	.00270	.50589	.00296
22	Ti3372	.00153	.00462	.00015	.03088	.52547	.00015
23	Tl1908	-.00045	-.00204	-.00150	-.00353	.50420	.00166
24	V_2924	.00464	.00092	-.00061	.00402	.50031	.00021
25	Zn2062	.00492	.01039	.00495	.00819	.51283	.00011
26	Sn1899	-.00111	-.00046	-.00014	.00106	.51299	-.00030
27	Ag3280	-.00073	-.00013	-.00068	-.00044	.50921	-.00017
28	Mo2020	.00239	.10456	.00258	.08637	.50465	-.00175
29	*Y	5784.6	5885.78	5860.35	5929.42	5911.58	5891.1
30	PB2203	.00003	.00040	-.00052	.00146	.50210	.00101
31	SE1960	.00373	.00118	.00104	.00318	.50217	.00251

#	Element	AD855125	AD855126	AD855129	AD855130	AD855131	AD8'1:5)
1	Al3082	.97984	.44851	.07844	.08132	.01054	-.00990
2	As1890	.07010	.02366	.01138	.01180	.00300	.00250
3	B_2496	1.9926	.23265	.64797	.65990	.67088	.13283
4	Ba4934	.99047	.97462	.02773	.02770	.01711	.00348
5	Be3130	.00014	.00020	.00005	-.00004	-.00002	-.00007
6	Ca3179	96.435	160.97	17.450	17.582	30.810	6.1029
7	Cd2265	.00016	.00007	-.00007	-.00003	.00003	-.00001
8	Co2286	.01234	.00364	.00050	.00043	.00052	.00048
9	Cr2677	.00266	.00132	.00042	.00041	.00162	.00053
10	Cu3247	.00203	.00184	.00067	.00111	.00100	.00113
11	Fe2714	3.2483	4.6712	.00661	.00480	-.00047	-.00425
12	K_7664	69.020	6.7690	13.745	13.790	3.9787	.66644
13	Mg2790	64.221	106.79	1.3935	1.4394	13.896	2.7482
14	Mn2576	.05416	.70997	.00025	.00027	.00069	.00009
15	Na3302	H509.42	H465.92	328.18	334.93	H402.17	85.525
16	Ni2316	.04382	.00235	.00474	.00523	.00120	-.00059
17	2203/1	-.00054	.00114	-.00470	-.00206	-.00093	-.00085
18	2203/2	.00083	-.00063	.00184	-.00011	.00023	-.00016
19	Sb2068	.00428	.00443	.00309	.00031	-.00019	.00131
20	1960/1	.00214	.00480	.01015	.00606	.00642	.00661
21	1960/2	-.00179	.00081	.00499	.00012	.00581	-.00076
22	Ti3372	.02616	.01187	.00019	.00037	-.00010	-.00019
23	Tl1908	.00098	-.00011	-.00090	-.00327	-.00400	-.00078
24	V_2924	.00327	.00109	.00528	.00530	.00779	.00133
25	Zn2062	.00551	.00744	.00222	.00244	.00257	.00064
26	Sn1899	-.00168	-.00022	-.00085	-.00217	-.00239	-.00041
27	Ag3280	-.00049	-.00041	-.00006	-.00063	-.00069	-.00082
28	Mo2020	.27273	.05340	.02558	.02631	.04001	.00802
29	*Y	5812.05	5796.3	5917.05	5899.58	5869.28	5896.65
30	PB2203	.00037	-.00004	-.00033	-.00075	-.00015	-.00039
31	SE1960	-.00048	.00214	.00671	.00210	.00602	.00169

#	Element	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD855134	CCV	CCB
1	Al3082	10.926	10.400	10.369	.03834	25.620	-.01302
2	As1890	.21475	.21136	.20918	.00334	.49600	.00040
3	B_2496	.87832	.88469	.88042	.79478	.51103	.00243
4	Ba4934	.23251	.22360	.22318	.01676	.50699	.00013
5	Be3130	.20923	.20239	.20266	.00004	.51176	.00003
6	Ca3179	40.799	41.365	41.102	10.612	25.166	.00418
7	Cd2265	.21138	.20293	.20212	.00029	.50479	.00005
8	Co2286	.20828	.20309	.20202	.00059	.50027	.00029
9	Cr2677	.20793	.20380	.20380	.00292	.51962	-.00016
10	Cu3247	.20865	.20617	.20644	.00196	.50239	.00061
11	Fe2714	10.406	10.111	10.079	.01517	24.918	.01030
12	K_7664	17.090	16.521	16.459	2.7829	26.453	-.00749
13	Mg2790	24.175	24.240	24.134	5.6706	25.273	.00141
14	Mn2576	.21062	.20498	.20491	.00201	.51298	.00009
15	Na3302	H401.85	H415.76	H415.00	396.42	25.298	.14763
16	Ni2316	.20824	.20172	.20134	-.00032	.50752	-.00016
17	2203/1	.20428	.19993	.20085	.00221	.50710	-.00035
18	2203/2	.20647	.20156	.20183	-.00090	.50785	.00187

#	Element	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD855134	CCV	CCB
19	Sb2068	.20685	.20512	.20201	.00465	.50262	.00292
20	1960/1	.21762	.20704	.20715	.01600	.50471	.00045
21	1960/2	.22207	.20977	.20876	.00457	.51724	-.00267
22	Ti3372	.20928	.20323	.20312	.00070	.52733	-.00010
23	Tl1908	.20780	.20163	.19726	.00189	.50305	.00289
24	V_2924	.21584	.20941	.20885	.02401	.50230	.00021
25	Zn2062	.21764	.20828	.20687	.00301	.52055	.00054
26	Sn1899	.19425	.20712	.20673	-.00049	.51242	-.00059
27	Ag3280	.05242	.05173	.05132	-.00060	.51014	-.00048
28	Mo2020	.24937	.24361	.24187	.01251	.50901	.00070
29	*Y	5916.98	5884.88	5846.33	5856.38	5904.75	5902.65
30	PB2203	.20574	.20102	.20150	.00013	.50760	.00113
31	SE1960	.22058	.20886	.20822	.00838	.51306	-.00163

#	Element	AD855135	AD855136	AD855137	AD855138	AD855139	AD855140
1	Al3082	1.9256	.01184	.04054	.00081	.00534	.03209
2	As1890	.00189	.14427	.02135	-.00029	-.00161	.00116
3	B_2496	1.5526	1.3175	.07568	.00656	.00496	.02750
4	Ba4934	.05719	.04322	.58036	.00019	.00009	.02511
5	Be3130	.00006	.00014	.00014	-.00014	-.00017	.00001
6	Ca3179	32.744	39.000	245.14	.18655	.10829	23.080
7	Cd2265	.00022	.00020	-.00001	.00000	-.00013	.00018
8	Co2286	.00122	.00105	.00218	.00033	.00052	.00056
9	Cr2677	.01793	.00098	.00180	.00063	.00031	.00074
10	Cu3247	.00417	.00060	.00008	.00074	.00112	.00097
11	Fe2714	1.8367	.98086	25.166	.00843	.00421	.00010
12	K_7664	6.0614	3.4118	7.0974	-.00691	-.00527	1.3882
13	Mg2790	15.824	17.671	67.436	.01870	.00963	5.8630
14	Mn2576	.04967	.40679	1.0851	.00032	.00016	.00025
15	Na3302	H533.00	H502.99	22.610	.12151	.06506	49.657
16	Ni2316	.00955	.00592	.00165	-.00047	.00045	.00037
17	2203/1	.00288	.00052	-.00220	-.00189	-.00053	-.00048
18	2203/2	.00122	-.00159	-.00084	.00111	.00071	.00140
19	Sb2068	.00032	.00106	.00254	.00070	-.00049	.00388
20	1960/1	.01724	.00730	-.00044	.00161	.00444	.00604
21	1960/2	.01543	.00346	.00281	.00382	.00122	.00044
22	Ti3372	.05696	.00085	.00206	.00031	-.00018	.00004
23	Tl1908	-.00395	-.00019	.00033	-.00275	.00010	.00148
24	V_2924	.01404	.00108	.00129	.00000	.00010	.00011
25	Zn2062	.02105	.00513	.01160	.00200	.00137	.00190
26	Sn1899	-.00174	-.00137	.00145	-.00115	.00000	-.00043
27	Ag3280	-.00088	-.00040	-.00013	-.00077	-.00037	-.00050
28	Mo2020	.03090	.07933	.00121	-.00044	-.00168	-.00006
29	*Y	5824.28	5879.03	5876.78	5945.62	5932.35	5946.23
30	PB2203	.00178	-.00088	-.00130	.00011	.00029	.00077
31	SE1960	.01604	.00474	.00172	.00308	.00229	.00231

#	Element	AD8'9/PB	AD8'8/FB	AD855037	AD855038	CCV	CCB
1	Al3082	-.01161	10.397	-.00205	.03682	25.615	-.01608
2	As1890	-.00008	.20976	.00409	-.00205	.49533	.00013
3	B_2496	.00246	.20762	.32699	.13193	.50873	.00119
4	Ba4934	.00008	.20912	.05488	.16222	.50843	.00029
5	Be3130	-.00008	.20823	.00006	.00065	.51446	.00010
6	Ca3179	.02955	10.220	154.49	804.99	25.157	.03020
7	Cd2265	.00001	.20587	.00011	.00002	.50093	.00026
8	Co2286	.00044	.20626	.00273	.00091	.49971	.00086
9	Cr2677	.00024	.20647	.00089	.00195	.51912	.00050
10	Cu3247	.00100	.20729	.00095	.00025	.50517	.00130
11	Fe2714	-.00899	10.195	2.0621	1.3385	24.844	.00603
12	K_7664	-.00547	11.041	3.6857	8.0259	26.603	-.00634
13	Mg2790	.00118	10.280	65.814	71.905	25.312	.01241
14	Mn2576	.00007	.20731	.43503	.50354	.51417	.00027
15	Na3302	.10067	10.575	161.98	294.81	25.195	.26869
16	Ni2316	-.00050	.20369	.00348	.00237	.50478	-.00063
17	2203/1	-.00194	.20340	.00156	-.00270	.50554	-.00216
18	2203/2	-.00007	.20611	.00164	.00029	.50470	.00012
19	Sb2068	.00119	.20082	.00525	.00278	.50109	.00277
20	1960/1	.00535	.20791	.00402	.00136	.49653	.00360
21	1960/2	.00135	.20916	.00270	-.00236	.50700	.00035
22	Ti3372	.00036	.20617	.00038	.00104	.52750	.00018
23	Tl1908	-.00136	.20087	-.00117	.00277	.49555	.00032
24	V_2924	.00020	.20397	.00019	.00030	.50013	.00011
25	Zn2062	.00220	.20883	.06110	.00956	.51997	.00053
26	Sn1899	-.00057	.20673	-.00050	-.00064	.50674	-.00131
27	Ag3280	-.00097	.05148	-.00079	-.00064	.51106	-.00072
28	Mo2020	-.00087	.20762	.01775	.00077	.51149	.00168
29	*Y	5967.3	5914.43	5826.3	5741.03	5917.28	5907.75
30	PB2203	-.00069	.20521	.00161	-.00070	.50498	-.00063
31	SE1960	.00268	.20874	.00314	-.00112	.50351	.00144

#	Element	AD855039	AD855040	AD855041	AD855042	AD855043	AD855044
1	Al3082	1.0420	.02187	-.00047	.14726	.07799	-.00313
2	As1890	.00667	.00067	.00470	-.00062	.00228	.00180
3	B_2496	.08678	.43984	.32780	.10637	.13001	.07871
4	Ba4934	.09753	.04617	.05496	.09613	.17843	.15849
5	Be3130	.00020	.00008	.00001	.00049	.00040	.00020
6	Ca3179	122.64	172.39	154.88	866.83	534.15	306.29
7	Cd2265	.00014	.00055	.00013	.00020	.00010	.00018
8	Co2286	.00116	.00244	.00288	.00098	.00416	.00298
9	Cr2677	.00655	.00292	.00091	.01161	.01580	.01085
10	Cu3247	.00323	.00443	.00098	.00162	.00172	.00098
11	Fe2714	1.6771	.06483	2.0932	.35781	.53736	3.7518
12	K_7664	3.6252	.49047	3.6850	11.518	6.7771	5.7053
13	Mg2790	39.568	70.171	65.814	88.537	54.494	65.083
14	Mn2576	.31162	.66342	.43488	.19930	.39911	.37396
15	Na3302	355.48	96.853	162.11	259.10	303.59	H555.41
16	Ni2316	.00440	.00581	.00367	.01377	.08308	.01410
17	2203/1	.00602	-.00113	.00124	-.00105	.00043	-.00266
18	2203/2	.00532	.00140	.00222	.00191	-.00176	.00126

#	Element	AD855039	AD855040	AD855041	AD855042	AD855043	AD855044
19	Sb2068	.00113	.00079	.00212	-.00091	.00179	.00384
20	1960/1	.00642	.00867	.00579	.00408	.00458	.00488
21	1960/2	.00159	.00144	.00101	.00014	-.00058	-.00276
22	Ti3372	.03129	.00103	.00057	.00495	.00221	.00054
23	Tl1908	-.00072	-.00206	-.00118	.00086	.00258	-.00273
24	V_2924	.00232	.00094	.00008	.00075	.00032	.00045
25	Zn2062	.05905	.11986	.06126	.00733	.01426	.04437
26	Sn1899	-.00136	-.00046	-.00137	-.00010	-.00125	-.00212
27	Ag3280	-.00096	-.00061	-.00087	-.00064	-.00106	-.00068
28	Mo2020	.00720	.01504	.01538	.00259	.00337	.00381
29	*Y	5837.55	5873.62	5842.58	5688.98	5778.08	5780.25
30	PB2203	.00555	.00056	.00190	.00092	-.00103	-.00004
31	SE1960	.00320	.00385	.00260	.00145	.00113	-.00021

#	Element	AD855045	AD855046	AD855047	AD855048	CCV	CCB
1	Al3082	.00344	.41456	.48027	.12304	27.482	-.01525
2	As1890	-.00045	-.00023	.00108	.00060	.52713	.00038
3	B_2496	.06909	.14521	.11114	.08851	.53937	.00147
4	Ba4934	.13653	.04167	.13759	.05367	.54463	.00021
5	Be3130	.00016	.00000	.00088	.00038	Q.55296	.00051
6	Ca3179	281.16	172.13	507.18	499.46	26.848	.02333
7	Cd2265	.00025	.00029	-.00019	-.00001	.53175	.00041
8	Co2286	.00113	.00096	.00101	.00137	.53429	.00057
9	Cr2677	.00147	.07013	.01927	.01362	Q.55628	.00032
10	Cu3247	.00165	.00646	.00221	.00338	.54165	.00189
11	Fe2714	1.0654	1.1356	3.4344	1.4000	26.527	.00227
12	K_7664	9.9526	.64169	5.5818	3.5315	Q28.104	-.01749
13	Mg2790	59.040	30.452	61.648	85.078	27.020	.01327
14	Mn2576	.41825	.02939	.64757	.43109	.54973	.00030
15	Na3302	H474.93	55.514	324.11	239.61	26.949	.18593
16	Ni2316	.00257	.01837	.01375	.02340	.53751	-.00093
17	2203/1	.00064	-.00101	-.00097	-.00033	.53889	.00014
18	2203/2	.00397	.00159	.00325	.00195	.53623	.00099
19	Sb2068	.00169	.00283	.00047	.00276	.53898	.00318
20	1960/1	-.00156	.00577	.00225	.00613	.53560	.00229
21	1960/2	.00240	-.00101	-.00078	.00217	.54526	.00421
22	Ti3372	.00106	.00885	.00275	.00264	Q.56450	-.00004
23	Tl1908	-.00019	-.00021	-.00228	-.00073	.51743	-.00131
24	V_2924	.00041	.00102	.00084	.00000	.53532	.00025
25	Zn2062	.04690	.01634	.01132	.01171	Q.55424	.00030
26	Sn1899	.00044	-.00122	-.00157	-.00182	.53991	-.00028
27	Ag3280	-.00046	-.00104	-.00049	-.00065	.54636	-.00095
28	Mo2020	.00504	.00587	.00258	.00388	Q.55044	.00000
29	*Y	5783.93	5817.75	5446.73	5707.8	5562.15	5533.2
30	PB2203	.00286	.00072	.00185	.00119	.53711	.00071
31	SE1960	.00107	.00124	.00022	.00349	.54203	.00357

#	Element	AD855049	AD855050	AD855051	AD855052	AD855053	AD855054
1	Al3082	.06431	.59198	.25231	.01594	.26983	.02673
2	As1890	.00242	.00222	.00063	-.00021	-.00037	.01137
3	B_2496	.08452	.03750	.08326	.07381	.08049	.04017
4	Ba4934	.11101	.05259	.01684	.05392	.14500	.06404
5	Be3130	.00062	.00031	.00069	.00030	.00051	.00035
6	Ca3179	274.44	119.88	543.35	103.26	120.42	163.18
7	Cd2265	-.00005	.00002	.00013	.00041	.00110	.00030
8	Co2286	.00184	.00047	.01581	.00136	.00277	.00495
9	Cr2677	.01171	.00991	.12214	.00046	.02782	.00077
10	Cu3247	.00131	.00319	.00363	.00168	.00309	.00281
11	Fe2714	1.1006	.78714	.76507	.12449	.61718	1.7471
12	K_7664	5.2940	4.0842	4.7526	1.4367	2.1772	4.3504
13	Mg2790	49.212	33.687	69.025	25.349	83.373	69.630
14	Mn2576	.12561	.02140	.27702	.22026	.32507	.50323
15	Na3302	H558.21	174.33	290.48	100.15	H667.58	78.416
16	Ni2316	.01019	.02231	1.4294	.00162	.22771	.00393
17	2203/1	.00064	.00134	-.00056	.01157	-.00376	.03156
18	2203/2	.00210	.00775	.00019	.00850	.00326	.03794
19	Sb2068	-.00022	.00176	.00386	.00195	.00231	.00068
20	1960/1	.01034	.00041	.00546	.00954	.00245	.00289
21	1960/2	-.00112	.00796	-.00064	.00127	.00062	.00312
22	Ti3372	.00165	.01344	.00850	.00027	.00807	.00088
23	Tl1908	-.00006	-.00205	-.00138	.00041	-.00205	-.00122
24	V_2924	.00023	.00128	.00061	-.00007	.00078	-.00064
25	Zn2062	.09310	.06536	.06943	.21812	.03288	.14371
26	Sn1899	-.00164	-.00091	-.00075	-.00052	-.00212	-.00049
27	Ag3280	-.00107	-.00089	-.00072	-.00105	-.00111	-.00213
28	Mo2020	.00470	.00267	.04432	.00395	.01024	.00340
29	*Y	5531.62	5631.23	5467.95	5690.85	5527.65	5570.18
30	PB2203	.00161	.00561	-.00005	.00952	.00092	.03582
31	SE1960	.00269	.00544	.00139	.00403	.00123	.00304

#	Element	AD8'1:5)	AD7'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
1	Al3082	-.01314	11.360	10.928	11.106	27.308	.01497
2	As1890	.00174	.22731	.23088	.23062	.52902	-.00079
3	B_2496	.00881	.25958	.25441	.25863	.53793	.00024
4	Ba4934	.01300	.28734	.28552	.29075	.54354	.00031
5	Be3130	.00029	.21759	.21775	.21978	.54666	.00059
6	Ca3179	32.749	170.19	176.49	175.73	26.839	.01864
7	Cd2265	.00004	.21245	.21083	.21146	.53332	-.00003
8	Co2286	.00154	.21507	.21535	.21677	.53024	.00059
9	Cr2677	-.00005	.21619	.21488	.21580	Q.55543	.00047
10	Cu3247	.00169	.21297	.21864	.21611	.52964	.00048
11	Fe2714	.34757	12.450	12.393	12.449	26.718	.00931
12	K_7664	.78766	16.067	15.531	15.705	26.653	.01589
13	Mg2790	13.975	77.679	81.050	80.999	26.978	.01552
14	Mn2576	.10196	.69717	.71391	.72016	.54736	.00020
15	Na3302	15.623	86.015	89.342	89.817	26.283	.01451
16	Ni2316	.00030	.21533	.21389	.21409	.54260	.00034
17	2203/1	.00377	.24208	.24306	.24336	.54115	-.00122
18	2203/2	.00829	.24437	.24572	.24671	.53488	.00034

#	Element	AD8'1:5)	AD7'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
19	Sb2068	-.00077	.21415	.21642	.21848	.53293	.00070
20	1960/1	.00046	.21199	.21547	.21411	.54009	.00196
21	1960/2	-.00019	.22170	.21883	.22184	.54190	.00174
22	Ti3372	.00000	.21778	.21499	.21739	Q.55758	-.00023
23	Tl1908	-.00240	.21157	.21304	.20903	.53511	-.00166
24	V_2924	-.00018	.21616	.21337	.21556	.53466	.00024
25	Zn2062	.03035	.35183	.34579	.34122	.54857	.00039
26	Sn1899	-.00031	.17833	.21544	.21623	.54848	-.00100
27	Ag3280	-.00192	.05353	.05278	.05415	.53855	-.00144
28	Mo2020	-.00063	.22107	.22076	.22024	.53915	.00166
29	*Y	5573.48	5715.83	5583.6	5535.38	5644.73	5624.85
30	PB2203	.00678	.24361	.24483	.24560	.53696	-.00018
31	SE1960	.00002	.21846	.21771	.21926	.54129	.00182

#	Element	AD855057	CCV	CCB	STD BLK	STD 1	STD 2
1	Al3082	.63077	27.260	.01990	.12574	4.52934	22.2442
2	As1890	-.00143	.52862	-.00176	.10476	1.33773	6.29269
3	B_2496	.03907	.53984	.00205	.01866	.43137	2.08407
4	Ba4934	.02971	.54432	.00026	.00178	.74349	3.70879
5	Be3130	.00067	.54830	.00060	.11905	1.68382	7.96822
6	Ca3179	208.36	26.843	.01953	.03599		
7	Cd2265	.00028	.53471	.00022	.00249	2.01332	9.82791
8	Co2286	.00270	.53179	.00106	-.00955	.86489	4.34467
9	Cr2677	.23204	Q.55404	.00047	.00196	.67917	3.41573
10	Cu3247	.00464	.52906	.00031	.00598	.50725	2.55596
11	Fe2714	1.2427	26.716	.00168	-.00035	.75576	3.78261
12	K_7664	1.6590	26.461	.01164	-.16809		
13	Mg2790	251.48	27.053	.02441	.00848		
14	Mn2576	.08757	.54927	.00011	.0008	.41165	2.0508
15	Na3302	152.99	26.303	-.06574	-.00428		
16	Ni2316	.52090	.54425	-.00047	-.01106	.68293	3.44462
17	2203/1	.00082	.54497	-.00251	.01418	.56351	2.76553
18	2203/2	.00181	.53883	-.00097	.0116	2.99611	15.0739
19	Sb2068	.00075	.53643	.00021	.00143	.19978	.97796
20	1960/1	.00419	.54039	.00195	-.06118	.32744	1.93564
21	1960/2	.00395	.55041	.00234	.06226	.53144	2.41045
22	Ti3372	.01810	Q.55698	-.00026	-.00857	1.17388	5.93662
23	Tl1908	-.00346	.53390	.00123	-.03241	.34679	1.81525
24	V_2924	.00131	.53329	-.00039	0	.09057	.45662
25	Zn2062	.13996	Q.55179	.00060	.00133	.08905	.44056
26	Sn1899	-.00169	Q.55102	-.00160	-.00196	.06235	.31664
27	Ag3280	-.00174	.53717	-.00106	-.04322	.62998	3.37752
28	Mo2020	.00494	.54219	.00053	0	.28283	1.41308
29	*Y	5497.88	5640.3	5642.7	5598.45	5581.05	5572.5
30	PB2203	.00148	.54088	-.00148			
31	SE1960	.00403	.54706	.00221			

#	Element	STD 3	STD' VER	ICV	ICB	CRI	ICSA
1	Al3082	45.0547	50.760	19.122	.02208	.20345	536.55
2	As1890	12.6401	1.0083	.36914	.00074	.00928	.00117
3	B_2496	4.24115	1.0203	.37852	.00171	.02169	.00257
4	Ba4934	7.58477	1.0122	.38282	.00017	.00201	.00081
5	Be3130	16.2854	.99760	.37476	.00022	.00189	.00056
6	Ca3179	44.4646	49.537	18.462	.00536	.47945	520.30
7	Cd2265	19.8055	1.0062	.37536	-.00001	.00100	.00008
8	Co2286	8.85668	1.0029	.37000	.00030	.00430	.00084
9	Cr2677	6.95648	1.0035	.38512	.00017	.00480	-.00053
10	Cu3247	5.22023	1.0125	.37027	.00018	.00964	-.00080
11	Fe2714	7.66883	50.398	18.679	.00725	.04666	203.35
12	K_7664	169.519	45.288	Q17.195	.00975	.44227	.02899
13	Mg2790	23.3498	49.038	18.317	.00760	.19699	514.53
14	Mn2576	4.19117	1.0067	.38004	.00015	.00299	.00035
15	Na3302	2.46414	49.610	18.553	.15885	1.2343	.06889
16	Ni2316	6.9952	.99950	.37702	.00040	.00945	.00087
17	2203/1	5.56065	1.0044	.38028	.00110	.00665	.02524
18	2203/2	30.8295	1.0015	.37692	-.00185	.00371	-.01817
19	Sb2068	1.97158	1.0172	.38420	.00153	.02028	.00118
20	1960/1	3.94992	1.0156	.38700	.00020	.01764	.00166
21	1960/2	4.92523	1.0162	.38193	-.00313	.01323	-.00894
22	Ti3372	12.0877	1.0097	.38920	.00000	.00493	.00012
23	Tl1908	3.61617	1.0109	.37996	.00597	.02356	-.00167
24	V_2924	.92778	1.0121	.37313	.00039	.00522	.00060
25	Zn2062	.90666	.99310	.37721	-.00019	.01042	-.00222
26	Sn1899	.63373	1.0120	.38524	.00098	.00983	.00525
27	Ag3280	6.92133	1.0147	.37762	-.00010	.00254	.00039
28	Mo2020	2.90339	1.0045	.37584	.00171	.01020	.00064
29	*Y	5563.8	5514	5501.25	5630.17	5665.43	5069.25
30	PB2203		1.0025	.37804	-.00086	.00469	-.00371
31	SE1960		1.0160	.38361	-.00202	.01470	-.00540

#	Element	ICSAB	CCV	CCB	AD8'5/PB	AD8'4/FB	AD855242
1	Al3082	522.84	24.859	.03714	.02024	9.9707	65.442
2	As1890	.10991	.47872	-.00015	-.00023	.20161	.01222
3	B_2496	.00264	.49022	.00095	.00485	.19915	.08814
4	Ba4934	.52640	.49580	.00030	.00008	.19943	.44404
5	Be3130	.48911	.48626	.00029	-.00016	.19528	.00252
6	Ca3179	508.90	24.193	.04291	.06465	9.8389	101.94
7	Cd2265	.99287	.49052	.00021	.00015	.20006	.00061
8	Co2286	.48303	.48177	.00081	.00045	.19794	.02674
9	Cr2677	.50704	.50303	.00033	.00021	.19987	.06497
10	Cu3247	.51599	.48096	-.00021	.00017	.19519	.06605
11	Fe2714	98.932	24.363	.01565	-.00437	9.9659	76.105
12	K_7664	.04452	Q22.480	.00955	-.00110	9.2772	12.011
13	Mg2790	496.59	23.813	.04092	.01138	9.6293	49.976
14	Mn2576	.49344	.49460	.00018	.00004	.19729	.78540
15	Na3302	.17148	24.102	.12252	.18531	9.8616	24.817
16	Ni2316	.95879	.49208	.00033	.00031	.19860	.07287
17	2203/1	.08015	.49421	-.00086	.00162	.20050	.04741
18	2203/2	.03055	.49079	-.00059	-.00034	.19949	.04342

#	Element	ICSAB	CCV	CCB	AD8'5/PB	AD8'4/FB	AD855242
19	Sb2068	.64239	.50417	.00009	-.00145	.19771	.00205
20	1960/1	.04910	.50226	-.00435	.00397	.20521	.00787
21	1960/2	.04608	.49915	-.00119	-.00919	.19955	.00050
22	Ti3372	.00188	.50794	.00003	.00014	.19789	1.2017
23	Tl1908	.10555	.49706	.00098	.00687	.20314	.00534
24	V_2924	.51513	.48679	.00030	.00010	.19715	.10924
25	Zn2062	.96639	.49011	.00002	.00078	.19752	.23561
26	Sn1899	.00294	.50255	.00137	.00154	.20585	.00943
27	Ag3280	.21605	.49253	-.00016	.00005	.05040	-.00017
28	Mo2020	.00049	.48646	-.00021	.00016	.19649	.00317
29	*Y	5297.55	5589.83	5529.75	5669.92	5766.75	5867.48
30	PB2203	.04707	.49193	-.00068	.00031	.19982	.04475
31	SE1960	.04709	.50018	-.00225	-.00480	.20143	.00296

#	Element	AD855243	AD855244	AD855245	AD8'1:5)	AD8'5/PS	AD8'6/MS
1	Al3082	.23550	.40052	.93050	.19631	11.509	14.959
2	As1890	.01880	.00191	.00773	.00193	.20929	.21695
3	B_2496	.09067	.03446	.10539	.02222	.31876	.31037
4	Ba4934	.06897	.08030	.07973	.01625	.29354	.30579
5	Be3130	-.00003	-.00001	-.00010	.00002	.20093	.19785
6	Ca3179	28.189	143.55	29.861	5.9918	38.977	48.723
7	Cd2265	.00025	.00026	.00059	.00028	.20178	.20001
8	Co2286	.00068	.00205	.00141	.00044	.19916	.20092
9	Cr2677	.00020	.00132	.00242	.00021	.20168	.20758
10	Cu3247	.00060	.00526	.00781	.00175	.20670	.20788
11	Fe2714	.75517	3.1416	1.3197	.25284	11.368	17.497
12	K_7664	1.2588	11.907	1.4007	.26955	11.430	11.683
13	Mg2790	30.528	38.753	26.023	5.2273	35.602	39.525
14	Mn2576	.02305	.23644	.14017	.02817	.34120	.45329
15	Na3302	36.374	40.721	43.447	8.7589	53.357	53.129
16	Ni2316	.00172	.00513	.00564	.00059	.20361	.20627
17	2203/1	.00194	.00243	.00294	.00239	.20335	.20780
18	2203/2	.00084	.00049	.00170	-.00004	.20025	.20389
19	Sb2068	-.00030	.00097	.00003	-.00110	.20247	.19959
20	1960/1	.00308	.00413	.00086	-.00149	.20331	.20908
21	1960/2	-.00312	-.00148	-.00337	-.00215	.20173	.20084
22	Ti3372	.00449	.00713	.01891	.00383	.22290	.30118
23	Tl1908	.00301	.00507	.00497	.00177	.20747	.20266
24	V_2924	.00038	.00187	.00208	-.00009	.20290	.20781
25	Zn2062	.00485	.09092	.02729	.00496	.22358	.23305
26	Sn1899	.00185	.00047	.00131	.00052	.17122	.20930
27	Ag3280	-.00039	.00028	-.00045	-.00058	.05068	.05102
28	Mo2020	.00496	.00123	.00678	.00063	.20935	.20650
29	*Y	5597.03	5633.93	5715.75	5577.45	5559.75	5707.43
30	PB2203	.00121	.00113	.00211	.00076	.20128	.20520
31	SE1960	-.00105	.00039	-.00196	-.00193	.20225	.20358

#	Element	AD8'7/SD	CCV	CCB	AD855248	AD855249	AD855250
1	Al3082	12.516	25.179	-.00039	.02826	107.28	45.703
2	As1890	.21454	.47885	.00136	-.00043	.02029	.01891
3	B_2496	.30822	.49486	.00009	.02561	.10330	.08596
4	Ba4934	.28882	.50263	.00000	.09442	.69570	.41922
5	Be3130	.19816	.49164	.00003	.00006	.00446	.00215
6	Ca3179	41.370	24.282	.01197	204.65	107.82	136.18
7	Cd2265	.20021	.49119	.00011	.00015	.00125	.00120
8	Co2286	.19991	.48539	.00100	.00106	.04730	.02661
9	Cr2677	.20477	.50640	.00054	.00070	.10852	.05737
10	Cu3247	.20490	.48730	.00114	-.00009	.12170	.09131
11	Fe2714	13.761	24.557	.00491	1.1749	129.17	64.434
12	K_7664	11.176	22.621	.01080	2.9847	16.554	13.381
13	Mg2790	37.063	24.110	.00520	44.763	61.456	47.493
14	Mn2576	.34997	.49932	.00011	.39522	1.2584	2.6846
15	Na3302	53.099	24.364	.37150	15.208	25.133	H427.22
16	Ni2316	.20423	.49563	-.00011	.00868	.12465	.10931
17	2203/1	.20542	.49722	.00464	.00130	.09654	.02532
18	2203/2	.20108	.49690	-.00151	.00039	.09283	.02409
19	Sb2068	.20236	.50047	.00124	-.00072	-.00068	.00003
20	1960/1	.20905	.50385	.00387	.00375	.00092	.00761
21	1960/2	.20445	.49970	-.00303	-.00371	-.00137	-.00007
22	Ti3372	.24899	.51240	.00029	.00053	1.6365	.90801
23	Tl1908	.20684	.49869	.00341	.00429	.00276	.00585
24	V_2924	.20380	.49031	.00040	.00066	.18795	.09101
25	Zn2062	.22076	.49408	-.00018	.00271	.41023	.18490
26	Sn1899	.20636	.50328	.00222	-.00071	.01428	.00823
27	Ag3280	.05048	.49909	.00016	.00009	-.00015	-.00014
28	Mo2020	.20782	.49235	.00104	.00004	.00165	.00233
29	*Y	5661.75	5497.28	5564.62	5638.05	6110.03	5726.1
30	PB2203	.20253	.49701	.00053	.00069	.09407	.02450
31	SE1960	.20598	.50108	-.00073	-.00122	-.00060	.00248

#	Element	AD855251	AD855252	AD855253	AD855254	AD855255	AD855256
1	Al3082	210.13	97.743	.23480	.11988	1.6749	2.3063
2	As1890	.08748	.05003	.00289	.00347	.00431	.01160
3	B_2496	.23233	.12031	.06589	.50761	.13684	.07513
4	Ba4934	1.2762	.64655	.03904	.05571	.11283	.09681
5	Be3130	.00963	.00495	-.00006	-.00017	-.00007	-.00015
6	Ca3179	630.27	439.28	53.547	47.575	59.663	24.422
7	Cd2265	.00201	.00136	.00080	.00010	.00014	.00005
8	Co2286	.14339	.07157	.00083	.00043	.00178	.00207
9	Cr2677	.24194	.12514	.00593	.00074	.00214	.00283
10	Cu3247	.32305	.16036	.01990	.00102	.00710	.00590
11	Fe2714	356.83	171.14	.46550	.66355	1.8802	2.9286
12	K_7664	40.680	19.162	3.6893	7.0632	5.5452	6.0689
13	Mg2790	148.99	143.81	12.814	12.199	15.567	9.4450
14	Mn2576	8.1110	4.6852	.04605	.16375	.09159	.12117
15	Na3302	55.880	20.643	44.698	29.768	17.093	3.7902
16	Ni2316	.31573	.19704	.00243	.00374	.00517	.00533
17	2203/1	.12237	.06118	.01706	.00105	.01242	.00412
18	2203/2	.11583	.05829	.01701	-.00050	.00844	.00219

#	Element	AD855251	AD855252	AD855253	AD855254	AD855255	AD855256
19	Sb2068	-.00320	-.00172	.00350	.00190	.02574	.00092
20	1960/1	.00436	.00610	.00336	.00123	.00393	.00200
21	1960/2	-.00357	-.00121	-.00542	-.00245	-.00475	-.00572
22	Ti3372	4.3832	1.4095	.00703	.00321	.03222	.04523
23	Tl1908	.00256	.00151	.00386	.00433	.00226	.00283
24	V_2924	.37736	.16884	.00534	.00048	.00396	.00602
25	Zn2062	.83411	.38954	.18142	.00342	.01153	.00992
26	Sn1899	.02744	.01310	.01280	.00284	.00128	.00228
27	Ag3280	.00009	.00014	-.00042	-.00014	-.00046	-.00034
28	Mo2020	.03563	.01061	.01272	.00323	.02433	.00734
29	*Y	7021.35	6162.68	5631.83	5617.95	5757.9	5742.53
30	PB2203	.11801	.05925	.01703	.00001	.00976	.00283
31	SE1960	-.00092	.00122	-.00249	-.00122	-.00186	-.00315

#	Element	AD855257	CCV	CCB	AD855258	AD855259	AD855260
1	Al3082	.13110	24.876	.00041	.47284	.05329	.08979
2	As1890	.00319	.47941	-.00056	.33007	.01855	.00564
3	B_2496	2.3657	.49171	.00144	3.6136	.15173	.20866
4	Ba4934	1.0163	.48881	.00002	.05557	.49678	1.2864
5	Be3130	.00031	.48669	.00006	.00079	-.00007	.00007
6	Ca3179	228.61	24.271	.01311	146.54	109.49	74.887
7	Cd2265	.00008	.49071	-.00008	.00037	.00004	-.00013
8	Co2286	.00654	.48438	.00040	.03319	.00425	.00177
9	Cr2677	.00747	.50438	.00003	.04362	.02070	.00658
10	Cu3247	-.00023	.48563	.00002	.04655	.01347	.03119
11	Fe2714	9.2255	24.343	.00140	4.2791	22.099	.45225
12	K_7664	96.576	23.244	-.01563	170.57	7.4944	23.646
13	Mg2790	90.626	23.817	.00168	151.63	66.006	38.138
14	Mn2576	1.2054	.49115	.00002	1.3727	7.0648	.02803
15	Na3302	H537.79	24.435	.13796	H1805.4	155.61	H477.28
16	Ni2316	.03277	.49331	.00034	.96426	.03002	.03604
17	2203/1	.00168	.49909	-.00073	.02405	.00498	.00662
18	2203/2	.00003	.49487	.00011	.02006	.00001	.00664
19	Sb2068	.00099	.49928	-.00073	.02159	.00232	.00320
20	1960/1	.00335	.50586	-.00019	.01907	.00545	.00207
21	1960/2	-.00597	.50037	-.00276	.00101	-.00597	-.00090
22	Ti3372	.00256	.51089	.00015	.02030	.00238	.00244
23	Tl1908	.00482	.49503	.00287	.00081	.00602	.00343
24	V_2924	.00773	.48830	.00030	.08124	.00212	.00439
25	Zn2062	.00398	.49556	-.00018	1.2666	.26095	.42726
26	Sn1899	.00647	.50116	.00110	.01290	.00164	.00136
27	Ag3280	-.00014	.49547	-.00014	.00001	-.00055	.00060
28	Mo2020	.00246	.49086	.00013	.30620	.00194	.00716
29	*Y	5378.78	5638.5	5581.05	4975.12	5675.03	5600.17
30	PB2203	.00058	.49627	-.00016	.02139	.00167	.00663
31	SE1960	-.00286	.50219	-.00190	.00703	-.00216	.00009

#	Element	AD855261	AD855262	AD855263	A8B'/TOT	CRI	ICSA
1	Al3082	.21629	.02030	.01914	.01388	.19742	532.89
2	As1890	.02323	.02371	.00297	.08685	.00909	-.00015
3	B_2496	.04088	.23216	.15723	.32852	.02180	.00278
4	Ba4934	.05865	.33182	.10988	.53615	.00194	.00054
5	Be3130	-.00003	-.00007	-.00001	-.00024	.00174	.00026
6	Ca3179	20.630	86.009	186.69	116.89	.48506	517.85
7	Cd2265	.00008	.00018	.00015	-.00038	.00125	.00128
8	Co2286	.00126	.00252	.00382	.00205	.00409	.00042
9	Cr2677	.00538	.00392	.00002	.00500	.00457	-.00028
10	Cu3247	.01925	.02215	.00024	.00139	.01073	.00036
11	Fe2714	.53568	.02926	4.6229	44.640	H.08052	200.74
12	K_7664	6.9971	11.272	4.4701	14.282	.44395	.00092
13	Mg2790	9.7899	49.453	36.366	53.505	.19278	507.51
14	Mn2576	.10478	.02892	.99605	.57463	.00297	.00052
15	Na3302	382.81	299.51	21.005	63.429	1.3088	.31983
16	Ni2316	.00507	.13212	.00595	.00652	.00953	.00107
17	2203/1	.00049	.00404	-.00084	-.00421	.00691	.02193
18	2203/2	.00106	.00039	-.00053	-.00035	.00355	-.01276
19	Sb2068	.00085	.02058	.00219	-.00163	.02192	.00105
20	1960/1	.00310	.00601	.00016	.00982	.01677	-.00595
21	1960/2	-.00082	-.00385	-.00280	-.00597	.01156	-.00588
22	Ti3372	.00633	.00047	.00062	.00454	.00529	.00046
23	Tl1908	.00542	.00544	.00538	.00589	.02395	-.00027
24	V_2924	.00321	.00235	.00058	.01262	.00553	.00078
25	Zn2062	.17039	.31240	.00464	.00704	.01096	-.00208
26	Sn1899	.00164	.01049	-.00055	.00438	.00947	.00371
27	Ag3280	.00004	.00001	.00042	.00046	.00297	.00089
28	Mo2020	.10700	.01451	.00007	-.00035	.00989	.00275
29	*Y	5605.88	5632.28	5659.65	5866.05	5737.95	5161.65
30	PB2203	.00087	.00160	-.00063	-.00164	.00467	-.00120
31	SE1960	.00048	-.00056	-.00181	-.00070	.01330	-.00590

#	Element	ICSAB	CCV	CCB
1	Al3082	548.28	24.968	.00558
2	As1890	.11173	.47827	-.00051
3	B_2496	.00308	.48958	.00170
4	Ba4934	.54938	.49274	.00007
5	Be3130	.50981	.49051	.00003
6	Ca3179	529.38	24.191	.02104
7	Cd2265	1.0118	.48313	.00026
8	Co2286	.50080	.48200	.00093
9	Cr2677	.52864	.50404	.00002
10	Cu3247	.54827	.49201	.00137
11	Fe2714	102.15	24.186	.02419
12	K_7664	-.00336	23.549	-.01319
13	Mg2790	512.98	23.792	.00853
14	Mn2576	.51031	.49248	.00011
15	Na3302	.16547	24.674	.33524
16	Ni2316	.98807	.48751	-.00008
17	2203/1	.07656	.49598	-.00095
18	2203/2	.03581	.49041	-.00022

#	Element	ICSAB	CCV	CCB			
19	Sb2068	.66163	.49457	.00057			
20	1960/1	.06199	.49836	-.00527			
21	1960/2	.04572	.49659	-.00402			
22	Ti3372	.00200	.51230	.00066			
23	Tl1908	.10676	.48241	.00328			
24	V_2924	.53682	.48669	.00068			
25	Zn2062	.99789	.49345	.00010			
26	Sn1899	.00616	.49440	-.00026			
27	Ag3280	.22895	.50050	.00055			
28	Mo2020	.00156	.49019	.00069			
29	*Y	5092.73	5536.05	5636.85			
30	PB2203	.04938	.49227	-.00046			
31	SE1960	.05115	.49717	-.00444			

Curvefit Fit Status Summary 08/19/08 10:15:54 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

Calibration Report 08/19/08 09:47:19 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:38:41 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 09/26/08 16:33:42

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.12974	.10838	.01769	.00100	.11280	.03679	.00284
SDev	.00377	.00356	.00025	.00000	.00013	.00173	.00000
%RSD	2.9075	3.2812	1.4280	.09380	.11540	4.7166	.09380
#1	.13240	.11089	.01751	.00100	.11289	.03802	.00283
#2	.12707	.10586	.01787	.00100	.11271	.03557	.00284

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00901	.00183	.00534	-.00058	-.21903	.00826	.00067
SDev	.00142	.00189	.00212	.00012	.04776	.00247	.00024
%RSD	15.806	102.81	39.688	20.295	21.803	29.909	35.443
#1	-.00800	.00317	.00684	-.00050	-.18526	.01001	.00050
#2	-.01002	.00050	.00384	-.00067	-.25280	.00651	.00083

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00434	-.00842	.02486	-.02118	-.00159	-.06256	.03904
SDev	.00401	.00365	.01319	.01791	.00059	.02236	.00515
%RSD	92.414	43.322	53.071	84.570	37.303	35.739	13.203
#1	.00717	-.01101	.03418	-.03385	-.00117	-.07837	.04269
#2	.00150	-.00584	.01553	-.00852	-.00200	-.04675	.03540

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00292	-.01486	.00033	.00075	-.00100	-.03621	.00192
SDev	.00177	.01063	.00024	.00036	.00000	.00027	.00342
%RSD	60.533	71.575	70.640	47.224	.09380	.74551	178.26
#1	-.00417	-.00734	.00050	.00050	-.00100	-.03602	-.00050
#2	-.00167	-.02237	.00017	.00100	-.00100	-.03640	.00434

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5993	--	--	--	--	--	--
SDev	5.621292	--	--	--	--	--	--
%RSD	.0937996	--	--	--	--	--	--
#1	5997	--	--	--	--	--	--
#2	5989	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:43:17 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 09/26/08 16:38:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.1695	1.2412	.39158	.67436	1.5189	1.8448	.79229
SDev	.0099	.0059	.00276	.00207	.0025	.0020	.00112
%RSD	.23744	.47431	.70391	.30639	.16373	.10609	.14110
#1	4.1625	1.2371	.38963	.67290	1.5172	1.8462	.79150
#2	4.1765	1.2454	.39353	.67582	1.5207	1.8434	.79308

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.62803	.46443	.69594	.37201	.62619	.53343	2.8049
SDev	.00044	.00107	.00202	.00138	.00003	.00176	.0266
%RSD	.07043	.23069	.29062	.37004	.00552	.32990	.94896
#1	.62834	.46367	.69451	.37104	.62616	.53219	2.7861
#2	.62771	.46519	.69737	.37299	.62621	.53468	2.8237

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.18718	.31899	.47913	1.0801	.33020	.08339	.08079
SDev	.00246	.00443	.02233	.0035	.00398	.00005	.00064
%RSD	1.3143	1.3888	4.6609	.32339	1.2052	.06041	.78785
#1	.18544	.32213	.46334	1.0776	.33302	.08342	.08124
#2	.18892	.31586	.49492	1.0825	.32739	.08335	.08034

Elem	Sn1899	Ag3280	Mo2020
Avge	.05687	.58445	.25894
SDev	.00130	.00000	.00161
%RSD	2.2819	.00012	.61996
#1	.05779	.58445	.25780
#2	.05596	.58445	.26007

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5978	--	--	--	--	--	--
SDev	12.09159	--	--	--	--	--	--
%RSD	.2022598	--	--	--	--	--	--
#1	5970	--	--	--	--	--	--
#2	5987	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:47:53 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 09/26/08 16:43:21

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	20.427	5.7835	1.9144	3.4020	7.2085	9.1495	3.9910
SDev	.012	.0193	.0013	.0019	.0051	.0037	.0072
%RSD	.06083	.33352	.06548	.05496	.07025	.03992	.18113
#1	20.418	5.7699	1.9135	3.4007	7.2049	9.1521	3.9859
#2	20.435	5.7972	1.9153	3.4034	7.2121	9.1469	3.9961

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.1265	2.3322	3.4910	1.8717	3.1743	2.5596	13.877
SDev	.0025	.0008	.0048	.0018	.0010	.0074	.111
%RSD	.08039	.03466	.13851	.09601	.03143	.28893	.79755
#1	3.1283	2.3316	3.4875	1.8705	3.1736	2.5544	13.955
#2	3.1248	2.3328	3.4944	1.8730	3.1750	2.5649	13.799

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.91060	1.8049	2.2561	5.4512	1.7049	.41981	.40019
SDev	.00592	.0046	.0088	.0071	.0041	.00044	.00106
%RSD	.65005	.25340	.39050	.13020	.24018	.10545	.26535
#1	.91479	1.8016	2.2623	5.4462	1.7020	.42013	.40095
#2	.90642	1.8081	2.2499	5.4562	1.7078	.41950	.39944

Elem	Sn1899	Ag3280	Mo2020
Avge	.29394	3.1004	1.2958
SDev	.00000	.0022	.0121
%RSD	.00008	.07153	.93010
#1	.29394	3.0989	1.2873
#2	.29394	3.1020	1.3043

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5938	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1214584	--	--	--	--	--	--
#1	5943	--	--	--	--	--	--
#2	5933	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:52:57 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 09/26/08 16:47:57

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	41.070	11.460	3.8393	6.8328	14.234	40.314	18.136
SDev	.114	.017	.0106	.0043	.010	.102	.000
%RSD	.27653	.14976	.27537	.06243	.07370	.25368	.00242
#1	40.990	11.448	3.8318	6.8358	14.227	40.242	18.136
#2	41.150	11.472	3.8468	6.8298	14.242	40.386	18.136

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.9586	6.2324	4.7012	6.9624	144.39	20.708	3.7375
SDev	.0211	.0157	.0141	.0102	.55	.017	.0013
%RSD	.26471	.25249	.29940	.14709	.38323	.08328	.03399
#1	7.9437	6.2212	4.6912	6.9552	144.00	20.696	3.7384
#2	7.9735	6.2435	4.7111	6.9696	144.78	20.721	3.7366

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.2452	6.3014	5.0433	27.491	1.8427	3.6432	4.4751
SDev	.0015	.0212	.0021	.117	.0076	.0170	.0114
%RSD	.06862	.33638	.04124	.42580	.41270	.46564	.25541
#1	2.2441	6.2864	5.0419	27.573	1.8373	3.6312	4.4832
#2	2.2463	6.3164	5.0448	27.408	1.8480	3.6552	4.4670

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	10.924	3.4222	.84128	.79028	.59036	6.2863	2.5797
SDev	.028	.0269	.00312	.00115	.00047	.0195	.0044
%RSD	.25307	.78677	.37120	.14611	.08034	.31026	.17029
#1	10.905	3.4032	.83907	.78946	.59002	6.2725	2.5766
#2	10.944	3.4412	.84348	.79110	.59069	6.3001	2.5828

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5902	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.1006316	--	--	--	--	--	--
#1	5907	--	--	--	--	--	--
#2	5898	--	--	--	--	--	--

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Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.23082	-.159404	09/26/08 04:47:57
As1890	189.042	Multiple	Standards	.088129	-.009550	09/26/08 04:47:57
B_2496	249.678	Multiple	Standards	.264454	-.004667	09/26/08 04:47:57
Ba4934	493.409	Multiple	Standards	.147328	-.000140	09/26/08 04:47:57
Be3130	313.042	Multiple	Standards	.070865	-.007990	09/26/08 04:47:57
Ca3179	317.933	STD 3	STD BLK	1.07440	-.014344	09/26/08 04:47:57
Cd2265	226.502	Multiple	Standards	.054908	-.000163	09/26/08 04:47:57
Co2286	228.616	Multiple	Standards	.125275	.001127	09/26/08 04:47:57
Cr2677	267.716	Multiple	Standards	.160141	-.000296	09/26/08 04:47:57
Cu3247	324.753	Multiple	Standards	.214907	-.001137	09/26/08 04:47:57
Fe2714	271.441	Multiple	Standards	7.17502	.004215	09/26/08 04:47:57
K_7664	766.491	STD 3	STD BLK	.921595	-.026325	09/26/08 04:47:57
Mg2790	279.078	STD 3	STD BLK	1.08426	-.011783	09/26/08 04:47:57
Mn2576	257.610	Multiple	Standards	.267672	-.000175	09/26/08 04:47:57
Na3302	330.232	STD 3	STD BLK	.984692	-.000470	09/26/08 04:47:57
Ni2316	231.604	Multiple	Standards	.157493	.001326	09/26/08 04:47:57
2203/1	220.351	Multiple	Standards	.202460	-.005038	09/26/08 04:47:57
2203/2	220.352	Multiple	Standards	.035526	.000740	09/26/08 04:47:57
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.541288	.000842	09/26/08 04:47:57
1960/1	196.021	Multiple	Standards	.266727	.016673	09/26/08 04:47:57
1960/2	196.022	Multiple	Standards	.223379	-.008717	09/26/08 04:47:57
Ti3372	337.280	Multiple	Standards	.091851	.000273	09/26/08 04:47:57
Tl1908	190.864	Multiple	Standards	.288653	.004286	09/26/08 04:47:57
V_2924	292.402	Multiple	Standards	1.19577	-.000392	09/26/08 04:47:57
Zn2062	206.200	Multiple	Standards	1.25487	-.000947	09/26/08 04:47:57
Sn1899	189.989	Multiple	Standards	1.70313	.001717	09/26/08 04:47:57
Ag3280	328.068	Multiple	Standards	.159472	.005783	09/26/08 04:47:57
Mo2020	202.030	Multiple	Standards	.387474	-.000742	09/26/08 04:47:57

Standardization Readback Report 09/26/08 04:52:57 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000277	-.000277
		STD 1	5.00000	4.97253	.027468
		STD 2	25.0000	24.9820	.017958
		STD 3	50.0000	50.3903	-.390297

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099839	.000161
		STD 2	.500000	.500145	-.000145
		STD 3	1.00000	1.00041	-.000415

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098889	.001111
		STD 2	.500000	.501609	-.001609
		STD 3	1.00000	1.01066	-.010656

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099211	.000789
		STD 2	.500000	.501074	-.001074
		STD 3	1.00000	1.00652	-.006518

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099648	.000352
		STD 2	.500000	.502839	-.002839
		STD 3	1.00000	1.00071	-.000713

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.036793	-.011606
		STD 3	43.2991	40.3139	2.98521

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.101130	-.001130
		STD 2	.500000	.502216	-.002216
		STD 3	1.00000	.995644	.004356

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100380	-.000380
		STD 2	.500000	.501100	-.001100
		STD 3	1.00000	.998141	.001859

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100277	-.000277
		STD 2	.500000	.500390	-.000390
		STD 3	1.00000	.997758	.002242

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098673	.001327
		STD 2	.500000	.500072	-.000072
		STD 3	1.00000	1.00918	-.009181

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	.000025	-.000025
		STD 1	5.00000	4.99758	.002419
		STD 2	25.0000	25.0519	-.051899
		STD 3	50.0000	49.9596	.040405

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.219032	-.009152
		STD 3	133.044	144.391	-11.3472

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.008259	-.011087
		STD 3	22.4415	20.7084	1.73317

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099403	.000597
		STD 2	.500000	.500837	-.000837
		STD 3	1.00000	1.00025	-.000249

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.004337	-.000537
		STD 3	2.21037	2.24521	-.034839

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099946	.000054
		STD 2	.500000	.501253	-.001253
		STD 3	1.00000	.993752	.006248

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.102961	-.002961
		STD 2	.500000	.513186	-.013186
		STD 3	1.00000	1.01603	-.016033

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.100386	-.000386
		STD 2	.500000	.493722	.006278
		STD 3	1.00000	.977361	.022639

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000016	.000016
		STD 1	.100000	.102159	-.002159
		STD 2	.500000	.493741	.006259
		STD 3	1.00000	.998252	.001748

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101757	-.001757
		STD 2	.500000	.498083	.001917
		STD 3	1.00000	.988416	.011584

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.098311	.001689
		STD 2	.500000	.495247	.004753
		STD 3	1.00000	.990922	.009078

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099479	.000521
		STD 2	.500000	.500969	-.000969
		STD 3	1.00000	1.00367	-.003673

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.099600	.000400
		STD 2	.500000	.496421	.003579
		STD 3	1.00000	.992117	.007883

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099318	.000682
		STD 2	.500000	.501607	-.001607
		STD 3	1.00000	1.00558	-.005580

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100438	-.000438
		STD 2	.500000	.501246	-.001246
		STD 3	1.00000	.990752	.009248

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000012	-.000012
		STD 1	.100000	.098581	.001419
		STD 2	.500000	.502329	-.002329
		STD 3	1.00000	1.00717	-.007173

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098987	.001013
		STD 2	.500000	.500217	-.000217
		STD 3	1.00000	1.00828	-.008276

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099590	.000410
		STD 2	.500000	.501356	-.001356
		STD 3	1.00000	.998840	.001160

CorCoef: 1.00000

Analysis Report Blank Sample 09/26/08 04:58:01 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: SW
Run Time: 09/26/08 16:53:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	51.260	1.0290	1.0281	1.0157	1.0152	50.985	1.0264
SDev	.104	.0046	.0039	.0021	.0022	.172	.0043
%RSD	.20321	.44711	.37647	.20890	.21814	.33703	.42312
#1	51.187	1.0258	1.0254	1.0142	1.0136	50.864	1.0233
#2	51.334	1.0323	1.0308	1.0172	1.0167	51.107	1.0294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0219	1.0193	1.0265	51.112	51.133	50.613	1.0193
SDev	.0041	.0036	.0006	.185	.069	.146	.0032
%RSD	.39931	.35664	.05907	.36225	.13529	.28939	.31145
#1	1.0191	1.0168	1.0261	50.981	51.084	50.510	1.0170
#2	1.0248	1.0219	1.0269	51.242	51.182	50.717	1.0215
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.497	1.0215	1.0166	1.0094	1.0118	1.0285	1.0168
SDev	.176	.0037	.0083	.0044	.0057	.0044	.0052
%RSD	.34864	.36410	.81575	.43367	.56151	.42470	.50843
#1	50.372	1.0189	1.0108	1.0063	1.0078	1.0254	1.0131
#2	50.621	1.0241	1.0225	1.0125	1.0158	1.0316	1.0204
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0206	1.0325	1.0279	1.0337	1.0282	1.0208	1.0372
SDev	.0035	.0048	.0028	.0077	.0026	.0036	.0022
%RSD	.33909	.46700	.27035	.74382	.25448	.34883	.21567
#1	1.0181	1.0290	1.0260	1.0283	1.0263	1.0182	1.0356
#2	1.0230	1.0359	1.0299	1.0392	1.0300	1.0233	1.0388
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0251	1.0184
SDev	.0009	.0047
%RSD	.08683	.46301
#1	1.0245	1.0151
#2	1.0258	1.0217
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5890	--	--	--	--	--	--
SDev	9.227606	--	--	--	--	--	--
%RSD	.1566743	--	--	--	--	--	--
#1	5896	--	--	--	--	--	--
#2	5883	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 05:03:04 PM page 1

Method: TRACE1 Sample Name: ICV Operator: SW
Run Time: 09/26/08 16:58:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.993	.36536	.37725	.37656	.37388	18.694	.37658
SDev	.007	.00086	.00115	.00028	.00054	.003	.00019
%RSD	.03502	.23623	.30420	.07505	.14364	.01747	.05044
#1	18.997	.36474	.37644	.37636	.37350	18.692	.37644
#2	18.988	.36597	.37806	.37676	.37426	18.696	.37671
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36966	.38520	.36708	18.626	19.044	18.610	.37837
SDev	.00059	.00000	.00018	.014	.030	.008	.00050
%RSD	.15971	.00049	.04821	.07632	.16008	.04161	.13191
#1	.36924	.38520	.36695	18.636	19.066	18.605	.37802
#2	.37007	.38520	.36720	18.616	19.023	18.616	.37872
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.535	.37888	.37750	.37729	.37736	.38163	.37539
SDev	.030	.00065	.00111	.00179	.00082	.00111	.00013
%RSD	.16197	.17093	.29346	.47413	.21843	.29057	.03466
#1	18.513	.37843	.37671	.37855	.37794	.38085	.37548
#2	18.556	.37934	.37828	.37602	.37677	.38242	.37530
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37761	.38365	.38837	.37835	.37261	.38160	.38592
SDev	.00511	.00422	.00006	.00210	.00036	.00035	.00036
%RSD	1.3529	1.0994	.01679	.55414	.09746	.09189	.09467
#1	.38122	.38067	.38833	.37686	.37235	.38135	.38618
#2	.37400	.38663	.38842	.37983	.37286	.38184	.38567
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37534	.37475
SDev	.00046	.00066
%RSD	.12352	.17651
#1	.37502	.37522
#2	.37567	.37428
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5975	--	--	--	--	--	--
SDev	19.40987	--	--	--	--	--	--
%RSD	.3248582	--	--	--	--	--	--
#1	5989	--	--	--	--	--	--
#2	5961	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 05:08:06 PM page 1

Method: TRACE1 Sample Name: ICB Operator: SW
Run Time: 09/26/08 17:03:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02420	.00106	.00128	.00024	.00022	.00166	-.00003
SDev	.00233	.00213	.00099	.00002	.00005	.00116	.00013
%RSD	9.6497	200.62	77.337	7.7237	23.557	70.013	374.26
#1	.02255	-.00044	.00058	.00023	.00018	.00084	.00006
#2	.02585	.00256	.00197	.00025	.00026	.00248	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00033	-.00103	.00482	.01925	.00595	.00009
SDev	.00020	.00047	.00020	.00424	.01328	.00236	.00006
%RSD	41.081	142.47	19.779	87.948	69.000	39.724	68.517
#1	.00035	-.00000	-.00117	.00182	.00986	.00428	.00005
#2	.00065	.00067	-.00088	.00782	.02864	.00763	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.11292	.00001	-.00146	.00124	.00034	-.00180	.00057
SDev	.07019	.00030	.00001	.00096	.00065	.00150	.00166
%RSD	62.156	2886.2	.73516	77.543	189.15	83.622	291.84
#1	-.06329	.00022	-.00147	.00056	-.00012	-.00286	.00175
#2	-.16255	-.00020	-.00146	.00192	.00080	-.00074	-.00061
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00386	-.00077	-.00036	.00053	.00001	.00062	-.00184
SDev	.00245	.00103	.00016	.00040	.00000	.00014	.00180
%RSD	63.510	134.31	44.183	75.436	23.193	22.914	97.980
#1	-.00560	-.00149	-.00048	.00025	.00001	.00073	-.00311
#2	-.00213	-.00004	-.00025	.00081	.00001	.00052	-.00056
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00045	.00052
SDev	.00013	.00069
%RSD	29.066	132.38
#1	-.00054	.00003
#2	-.00036	.00101
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5986	--	--	--	--	--	--
SDev	19.41022	--	--	--	--	--	--
%RSD	.3242372	--	--	--	--	--	--
#1	6000	--	--	--	--	--	--
#2	5973	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CRI Operator: SW
Run Time: 09/26/08 17:08:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21136	.00924	.02368	.00228	.00210	.48872	.00090
SDev	.00472	.00097	.00103	.00003	.00010	.00016	.00025
%RSD	2.2333	10.487	4.3465	1.3226	4.9268	.03300	27.368
#1	.21469	.00992	.02441	.00230	.00217	.48883	.00108
#2	.20802	.00855	.02296	.00226	.00202	.48860	.00073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00490	.00482	.00937	.05790	.53465	.20446	.00305
SDev	.00013	.00047	.00038	.00455	.00497	.00347	.00005
%RSD	2.6451	9.7216	4.0546	7.8601	.92880	1.6955	1.5988
#1	.00481	.00449	.00910	.06112	.53114	.20691	.00308
#2	.00499	.00516	.00964	.05469	.53816	.20201	.00301
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99082	.01045	.00370	.00458	.00429	.01399	.01895
SDev	.13702	.00018	.00063	.00101	.00046	.00130	.00081
%RSD	13.829	1.7009	17.069	21.936	10.741	9.2931	4.2541
#1	.89393	.01032	.00325	.00530	.00461	.01490	.01952
#2	1.0877	.01058	.00414	.00387	.00396	.01307	.01838
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01905	.01145	.00487	.02015	.00535	.01130	.00630
SDev	.00103	.00144	.00001	.00146	.00011	.00023	.00038
%RSD	5.3971	12.534	.18160	7.2322	2.1064	2.0782	6.0465
#1	.01978	.01247	.00487	.02118	.00527	.01114	.00603
#2	.01832	.01044	.00488	.01912	.00543	.01147	.00657
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00285	.00845
SDev	.00030	.00014
%RSD	10.539	1.6134
#1	.00264	.00836
#2	.00306	.00855
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5941	--	--	--	--	--	--
SDev	30.97114	--	--	--	--	--	--
%RSD	.5212812	--	--	--	--	--	--
#1	5919	--	--	--	--	--	--
#2	5963	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 05:18:11 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: SW
Run Time: 09/26/08 17:13:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	528.40	.00031	.00301	.00073	.00046	519.39	-.00034
SDev	.32	.00142	.00006	.00000	.00007	.44	.00001
%RSD	.06007	453.68	1.9328	.31146	14.367	.08546	2.7627
#1	528.17	-.00069	.00297	.00073	.00051	519.07	-.00034
#2	528.62	.00131	.00305	.00072	.00041	519.70	-.00035
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	-.00047	-.00215	199.95	.03152	515.12	-.00012
SDev	.00016	.00009	.00006	.28	.03100	.96	.00004
%RSD	39.792	18.436	2.6156	.13821	98.343	.18672	30.814
#1	.00029	-.00041	-.00211	200.15	.05344	515.80	-.00014
#2	.00052	-.00054	-.00218	199.76	.00960	514.44	-.00009
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03795	.00002	.02125	-.01085	-.00016	-.00295	.00444
SDev	.09577	.00044	.00344	.00153	.00217	.00388	.00380
%RSD	252.33	2803.9	16.201	14.129	1342.6	131.57	85.578
#1	-.02976	-.00030	.02368	-.00977	.00137	-.00021	.00175
#2	.10567	.00033	.01881	-.01193	-.00170	-.00569	.00713
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00717	-.00084	-.00038	-.00573	.00008	-.00283	.00325
SDev	.00167	.00666	.00027	.00023	.00046	.00016	.00109
%RSD	23.241	790.88	71.196	4.0965	602.39	5.7315	33.413
#1	-.00834	.00386	-.00057	-.00589	-.00025	-.00294	.00248
#2	-.00599	-.00555	-.00019	-.00556	.00040	-.00271	.00402
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00006
SDev	.00068	.00040
%RSD	392.85	646.67
#1	-.00031	.00034
#2	.00065	-.00022
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5527	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1170551	--	--	--	--	--	--
#1	5523	--	--	--	--	--	--
#2	5532	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICSAB Operator: SW
Run Time: 09/26/08 17:18:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	542.19	.11313	.00394	.54463	.51141	537.70	1.0347
SDev	2.02	.00034	.00017	.00172	.00258	3.11	.0066
%RSD	.37344	.29790	4.3646	.31608	.50533	.57915	.63319
#1	543.63	.11289	.00406	.54585	.51324	539.90	1.0394
#2	540.76	.11336	.00382	.54342	.50959	535.50	1.0301
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50365	.52720	.53694	102.51	.03604	523.53	.51233
SDev	.00196	.00251	.00186	.44	.01104	2.31	.00227
%RSD	.38985	.47587	.34562	.42764	30.644	.44097	.44377
#1	.50504	.52897	.53825	102.82	.04385	525.16	.51393
#2	.50226	.52542	.53563	102.20	.02823	521.90	.51072
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00752	.99901	.07828	.03676	.05059	.05635	.65131
SDev	.01222	.00420	.00133	.00434	.00245	.00219	.00694
%RSD	162.44	.42029	1.6955	11.794	4.8425	3.8938	1.0648
#1	-.00112	1.0020	.07922	.03369	.04885	.05790	.65622
#2	.01616	.99605	.07734	.03982	.05232	.05480	.64641
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06032	.05436	.00158	.10349	.53496	1.0168	.00329
SDev	.00869	.00105	.00009	.00346	.00315	.0030	.00044
%RSD	14.410	1.9410	5.5905	3.3430	.58917	.29030	13.536
#1	.06647	.05361	.00164	.10594	.53719	1.0189	.00360
#2	.05418	.05511	.00152	.10105	.53273	1.0147	.00297
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22381	-.00203
SDev	.00126	.00270
%RSD	.56137	133.14
#1	.22470	-.00393
#2	.22292	-.00012
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5496	--	--	--	--	--	--
SDev	22.91019	--	--	--	--	--	--
%RSD	.4168407	--	--	--	--	--	--
#1	5480	--	--	--	--	--	--
#2	5512	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 05:29:45 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 17:24:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.213	.48408	.49583	.50014	.49554	24.795	.49609
SDev	.029	.00049	.00276	.00040	.00008	.015	.00137
%RSD	.11555	.10098	.55571	.08023	.01636	.05904	.27599
#1	25.193	.48443	.49389	.49986	.49549	24.784	.49706
#2	25.234	.48374	.49778	.50043	.49560	24.805	.49512
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48954	.50960	.49038	24.619	25.443	24.562	.50113
SDev	.00036	.00015	.00001	.003	.016	.019	.00009
%RSD	.07267	.03018	.00139	.01228	.06212	.07731	.01761
#1	.48929	.50971	.49038	24.617	25.431	24.548	.50107
#2	.48979	.50949	.49037	24.622	25.454	24.575	.50119
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.652	.49855	.49779	.49357	.49497	.50065	.49961
SDev	.038	.00051	.00179	.00053	.00095	.00237	.00039
%RSD	.15388	.10271	.35975	.10729	.19184	.47331	.07730
#1	24.625	.49819	.49906	.49394	.49565	.50233	.49933
#2	24.678	.49891	.49652	.49319	.49430	.49898	.49988
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49273	.50462	.51642	.49871	.49355	.50158	.50951
SDev	.00316	.00513	.00046	.00483	.00042	.00028	.00099
%RSD	.64163	1.0177	.08933	.96841	.08556	.05662	.19514
#1	.49050	.50825	.51609	.50213	.49326	.50178	.51021
#2	.49497	.50099	.51674	.49530	.49385	.50138	.50881
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49958	.49417
SDev	.00017	.00016
%RSD	.03488	.03215
#1	.49971	.49429
#2	.49946	.49406
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5940	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1160582	--	--	--	--	--	--
#1	5936	--	--	--	--	--	--
#2	5945	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 05:34:49 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 17:29:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01811	.00083	.00141	.00018	.00012	.01444	.00029
SDev	.00537	.00057	.00079	.00003	.00001	.00515	.00015
%RSD	29.644	68.907	55.764	19.548	5.6463	35.659	50.888
#1	.01432	.00043	.00197	.00020	.00013	.01080	.00019
#2	.02191	.00124	.00085	.00015	.00012	.01809	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00025	-.00045	.00541	.02463	.01867	.00003
SDev	.00001	.00002	.00025	.00848	.00165	.00425	.00003
%RSD	1.8952	7.6155	55.792	156.72	6.7026	22.764	118.90
#1	.00075	.00027	-.00063	-.00059	.02580	.01567	.00000
#2	.00073	.00024	-.00028	.01140	.02347	.02168	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02112	.00006	-.00019	.00041	.00021	.00166	.00202
SDev	.05379	.00015	.00054	.00050	.00015	.00387	.00026
%RSD	254.64	238.15	286.22	120.03	70.722	233.53	13.020
#1	-.05916	-.00004	-.00057	.00077	.00032	.00440	.00183
#2	.01691	.00017	.00019	.00006	.00011	-.00108	.00220
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00249	-.00019	.00101	.00011	.00073	.00001
SDev	.00453	.00354	.00017	.00334	.00014	.00030	.00040
%RSD	195210.	142.61	92.676	331.20	131.87	40.404	4445.5
#1	.00320	.00499	-.00031	.00337	.00001	.00052	.00029
#2	-.00320	-.00002	-.00006	-.00135	.00021	.00094	-.00027
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00031	.00029
SDev	.00021	.00101
%RSD	69.344	342.20
#1	-.00046	-.00042
#2	-.00016	.00101
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5983	--	--	--	--	--	--
SDev	4.984965	--	--	--	--	--	--
%RSD	.0833129	--	--	--	--	--	--
#1	5980	--	--	--	--	--	--
#2	5987	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855286/PB Operator: SW
Run Time: 09/26/08 17:34:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04686	-.00209	.00403	.00023	.00011	.07217	.00008
SDev	.00617	.00012	.00048	.00003	.00003	.00457	.00005
%RSD	13.158	5.7537	11.868	15.055	25.003	6.3361	68.679
#1	.05122	-.00217	.00369	.00026	.00013	.07540	.00011
#2	.04250	-.00200	.00437	.00021	.00009	.06893	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	.00057	-.00009	.01447	.03120	.03210	.00019
SDev	.00036	.00034	.00000	.00598	.01222	.00972	.00006
%RSD	45.227	60.741	.85361	41.305	39.165	30.290	34.055
#1	.00104	.00032	-.00009	.01024	.02256	.03898	.00023
#2	.00054	.00081	-.00009	.01870	.03984	.02523	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04007	.00032	-.00036	-.00194	-.00141	.00241	.00334
SDev	.13396	.00086	.00158	.00004	.00055	.00413	.00096
%RSD	334.28	268.38	440.06	2.1133	39.312	171.31	28.733
#1	-.13480	-.00029	.00076	-.00191	-.00102	-.00051	.00402
#2	.05465	.00093	-.00148	-.00196	-.00180	.00533	.00266
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	.00290	-.00010	.00077	.00001	.00253	-.00000
SDev	.00250	.00495	.00004	.00038	.00028	.00015	.00081
%RSD	172.75	170.95	44.744	48.802	2927.6	5.7948	41852.
#1	-.00032	-.00060	-.00007	.00050	-.00019	.00264	.00057
#2	.00321	.00640	-.00013	.00103	.00021	.00243	-.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00036	.00020
SDev	.00007	.00088
%RSD	20.122	430.08
#1	-.00041	-.00042
#2	-.00031	.00082
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5946	--	--	--	--	--	--
SDev	4.030647	--	--	--	--	--	--
%RSD	.0677841	--	--	--	--	--	--
#1	5949	--	--	--	--	--	--
#2	5943	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855285/FB Operator: SW
Run Time: 09/26/08 17:39:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.341	.20726	.20657	.20781	.20394	10.225	.20596
SDev	.055	.00143	.00341	.00059	.00144	.087	.00195
%RSD	.52882	.69006	1.6494	.28198	.70452	.85120	.94836
#1	10.302	.20625	.20416	.20739	.20292	10.164	.20457
#2	10.379	.20828	.20898	.20822	.20496	10.287	.20734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20474	.20470	.20282	10.223	10.682	10.128	.20465
SDev	.00147	.00164	.00132	.089	.022	.102	.00144
%RSD	.71771	.79902	.65037	.87494	.20136	1.0104	.70436
#1	.20370	.20355	.20189	10.159	10.667	10.056	.20363
#2	.20578	.20586	.20376	10.286	10.697	10.201	.20567
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.321	.20451	.20537	.20361	.20419	.20721	.20328
SDev	.277	.00248	.00475	.00315	.00368	.00030	.00429
%RSD	2.6802	1.2113	2.3114	1.5454	1.8019	.14597	2.1105
#1	10.125	.20276	.20202	.20138	.20159	.20743	.20024
#2	10.516	.20626	.20873	.20583	.20680	.20700	.20631
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21127	.20519	.20390	.20440	.20313	.20714	.21077
SDev	.00161	.00035	.00151	.00000	.00182	.00264	.00004
%RSD	.76435	.17238	.73943	.00055	.89786	1.2743	.02075
#1	.21241	.20494	.20283	.20440	.20184	.20527	.21074
#2	.21013	.20544	.20496	.20440	.20442	.20901	.21080
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05105	.20391
SDev	.00020	.00070
%RSD	.39893	.34228
#1	.05090	.20342
#2	.05119	.20440
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5951	--	--	--	--	--	--
SDev	24.28919	--	--	--	--	--	--
%RSD	.4081616	--	--	--	--	--	--
#1	5968	--	--	--	--	--	--
#2	5934	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855266 Operator: SW
Run Time: 09/26/08 17:44:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05261	-.00053	.10342	.09067	.00027	156.15	.00001
SDev	.00238	.00102	.00105	.00016	.00003	.56	.00012
%RSD	4.5157	190.03	1.0164	.17554	9.9269	.35677	2374.9
#1	.05093	.00018	.10416	.09078	.00025	156.54	-.00008
#2	.05429	-.00125	.10267	.09056	.00029	155.75	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	.00064	-.00043	.16637	6.0671	47.020	3.3239
SDev	.00018	.00021	.00025	.00430	.0342	.162	.0105
%RSD	3.8122	32.242	59.201	2.5815	.56387	.34482	.31568
#1	.00478	.00079	-.00025	.16334	6.0913	47.134	3.3313
#2	.00453	.00050	-.00061	.16941	6.0429	46.905	3.3165
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8372	.01189	-.00472	.00167	-.00046	.00057	-.00007
SDev	.0798	.00045	.00019	.00164	.00103	.00265	.00130
%RSD	.90248	3.7803	4.0776	97.906	225.55	466.70	1844.3
#1	8.8936	.01220	-.00459	.00052	-.00118	.00244	-.00099
#2	8.7808	.01157	-.00486	.00283	.00027	-.00130	.00085
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	.00117	.00030	.00274	.00021	.01141	-.00078
SDev	.00428	.00183	.00000	.00057	.00000	.00045	.00223
%RSD	672.39	156.31	.01849	20.743	.43288	3.9437	286.42
#1	.00239	.00246	.00030	.00234	.00021	.01109	.00080
#2	-.00367	-.00012	.00030	.00314	.00021	.01173	-.00236
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00044	.00089
SDev	.00034	.00097
%RSD	77.032	108.47
#1	-.00020	.00021
#2	-.00069	.00158
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5941	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0178526	--	--	--	--	--	--
#1	5942	--	--	--	--	--	--
#2	5940	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855267 Operator: SW
Run Time: 09/26/08 17:50:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.28336	-.00129	.04665	.20395	.00011	113.31	-.00002
SDev	.00026	.00012	.00059	.00020	.00003	.28	.00001
%RSD	.08984	9.3647	1.2722	.09841	28.973	.24521	32.602
#1	.28354	-.00120	.04623	.20409	.00013	113.50	-.00001
#2	.28318	-.00137	.04707	.20381	.00009	113.11	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00090	.00030	.32408	2.6991	42.024	.01097
SDev	.00028	.00006	.00013	.01429	.0263	.090	.00017
%RSD	98.323	6.6415	42.009	4.4086	.97387	.21444	1.5447
#1	.00009	.00094	.00021	.33419	2.7177	42.087	.01085
#2	.00049	.00086	.00039	.31398	2.6805	41.960	.01109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.0752	.00045	.00002	-.00007	-.00004	.00501	.00407
SDev	.1019	.00045	.00016	.00101	.00062	.00092	.00070
%RSD	1.6777	99.498	756.09	1415.9	1530.8	18.373	17.102
#1	6.1472	.00077	-.00009	.00064	.00040	.00436	.00358
#2	6.0031	.00013	.00013	-.00078	-.00048	.00566	.00456
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00764	.00369	.01064	-.00248	.00201	.00318	-.00088
SDev	.00208	.00242	.00013	.00043	.00029	.00046	.00122
%RSD	27.219	65.511	1.2168	17.131	14.409	14.351	139.35
#1	.00911	.00198	.01073	-.00278	.00222	.00350	-.00174
#2	.00617	.00541	.01055	-.00218	.00181	.00286	-.00001
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00036	.00059
SDev	.00039	.00102
%RSD	109.14	171.32
#1	-.00008	.00131
#2	-.00063	-.00013
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5937	--	--	--	--	--	--
SDev	11.45492	--	--	--	--	--	--
%RSD	.1929413	--	--	--	--	--	--
#1	5929	--	--	--	--	--	--
#2	5945	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855268 Operator: SW
Run Time: 09/26/08 17:55:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02736	.00041	.19320	.24289	.00019	195.99	-.00016
SDev	.00333	.00028	.00103	.00081	.00003	.03	.00015
%RSD	12.177	68.806	.53544	.33237	16.034	.01636	91.718
#1	.02972	.00061	.19394	.24346	.00021	195.96	-.00026
#2	.02501	.00021	.19247	.24232	.00017	196.01	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00286	.00074	.00186	1.5753	6.2660	72.137	2.0957
SDev	.00003	.00010	.00039	.0028	.0002	.054	.0034
%RSD	1.0947	13.245	20.879	.17962	.00293	.07422	.16464
#1	.00283	.00067	.00159	1.5773	6.2659	72.175	2.0982
#2	.00288	.00081	.00214	1.5733	6.2661	72.099	2.0933
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.596	.00201	-.00130	.00030	-.00023	.00278	.00570
SDev	.036	.00061	.00005	.00177	.00116	.00091	.00274
%RSD	.04491	30.121	4.0456	591.14	498.46	32.932	48.103
#1	80.622	.00244	-.00134	.00155	.00059	.00213	.00376
#2	80.571	.00158	-.00126	-.00095	-.00106	.00342	.00764
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00775	.00029	.00005	.00062	.00008	.00836	.00002
SDev	.00096	.00089	.00018	.00036	.00014	.00106	.00328
%RSD	12.396	308.14	346.99	57.507	173.26	12.678	16173.
#1	.00707	-.00034	-.00007	.00087	.00018	.00761	.00234
#2	.00843	.00092	.00018	.00037	-.00002	.00911	-.00230
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00070	.00130
SDev	.00023	.00065
%RSD	32.448	50.224
#1	-.00086	.00084
#2	-.00054	.00176
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5878	--	--	--	--	--	--
SDev	2.333660	--	--	--	--	--	--
%RSD	.0396982	--	--	--	--	--	--
#1	5880	--	--	--	--	--	--
#2	5877	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855268/L (1:5) Operator: SW
Run Time: 09/26/08 18:00:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01367	-.00008	.03970	.04996	.00026	40.483	-.00005
SDev	.00073	.00094	.00165	.00005	.00002	.023	.00051
%RSD	5.3477	1233.5	4.1639	.09399	7.2428	.05672	1137.5
#1	.01418	.00059	.04087	.04999	.00024	40.467	-.00041
#2	.01315	-.00074	.03853	.04992	.00027	40.500	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00003	.00049	.32283	1.1663	14.810	.43573
SDev	.00021	.00043	.00045	.00702	.0104	.007	.00046
%RSD	25.774	1276.4	92.548	2.1730	.89161	.04472	.10619
#1	.00068	-.00027	.00017	.32780	1.1590	14.805	.43606
#2	.00099	.00034	.00080	.31787	1.1737	14.814	.43540
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.433	.00003	.00017	-.00151	-.00095	-.00073	.00409
SDev	.083	.00047	.00032	.00194	.00119	.00284	.00087
%RSD	.50584	1749.8	196.98	128.77	124.83	386.95	21.263
#1	16.492	-.00030	-.00006	-.00014	-.00011	-.00274	.00471
#2	16.374	.00036	.00040	-.00289	-.00179	.00127	.00348
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.00111	-.00016	-.00508	-.00019	.00157	-.00041
SDev	.00489	.00181	.00014	.00004	.00000	.00015	.00042
%RSD	17702.	162.80	85.077	.74655	.01738	9.8194	102.67
#1	-.00343	-.00240	-.00026	-.00505	-.00019	.00168	-.00070
#2	.00348	.00017	-.00006	-.00510	-.00019	.00146	-.00011
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00088	.00070
SDev	.00004	.00010
%RSD	4.5948	13.596
#1	-.00085	.00077
#2	-.00090	.00063
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5748	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0147653	--	--	--	--	--	--
#1	5748	--	--	--	--	--	--
#2	5747	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855268/PS Operator: SW
Run Time: 09/26/08 18:05:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.737	.20229	.39952	.45097	.20264	200.71	.19795
SDev	.030	.00032	.00099	.00117	.00010	.17	.00063
%RSD	.28260	.15765	.24721	.25926	.05023	.08459	.31809
#1	10.715	.20207	.39882	.45015	.20257	200.59	.19840
#2	10.758	.20252	.40021	.45180	.20271	200.83	.19751
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19950	.20102	.20299	11.603	17.657	80.490	2.2434
SDev	.00043	.00010	.00016	.005	.108	.029	.0022
%RSD	.21724	.05078	.07864	.04371	.60924	.03577	.09872
#1	.19980	.20095	.20288	11.599	17.581	80.470	2.2419
#2	.19919	.20109	.20311	11.606	17.733	80.510	2.2450
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.250	.20061	.19429	.19826	.19693	.20464	.20201
SDev	.255	.00100	.00251	.00048	.00052	.00474	.00069
%RSD	.28534	.49890	1.2943	.24239	.26244	2.3145	.33952
#1	89.070	.20132	.19607	.19792	.19730	.20129	.20153
#2	89.430	.19991	.19251	.19860	.19657	.20799	.20250
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20431	.20481	.20396	.19467	.20359	.20546	.16644
SDev	.00139	.00641	.00036	.00219	.00027	.00076	.00148
%RSD	.67894	3.1302	.17573	1.1265	.13314	.37144	.88863
#1	.20333	.20028	.20371	.19312	.20340	.20600	.16748
#2	.20529	.20934	.20421	.19622	.20379	.20492	.16539
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05149	.20451
SDev	.00003	.00142
%RSD	.05499	.69440
#1	.05147	.20350
#2	.05151	.20551
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5869	--	--	--	--	--	--
SDev	8.803617	--	--	--	--	--	--
%RSD	.1500026	--	--	--	--	--	--
#1	5863	--	--	--	--	--	--
#2	5875	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855269/MS Operator: SW
Run Time: 09/26/08 18:10:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.427	.21021	.40091	.44943	.20359	209.18	.20271
SDev	.008	.00051	.00191	.00020	.00052	.67	.00153
%RSD	.07691	.24047	.47664	.04420	.25493	.32046	.75373
#1	10.433	.20985	.39956	.44957	.20322	208.70	.20163
#2	10.422	.21056	.40226	.44929	.20395	209.65	.20379
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20316	.20378	.20486	11.749	17.633	83.234	2.3154
SDev	.00095	.00108	.00038	.048	.058	.212	.0059
%RSD	.46840	.52813	.18471	.41240	.32909	.25492	.25414
#1	.20249	.20302	.20460	11.715	17.592	83.084	2.3113
#2	.20384	.20454	.20513	11.783	17.674	83.384	2.3196
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	90.814	.20175	.20171	.19969	.20036	.20953	.20713
SDev	.250	.00048	.00021	.00178	.00126	.00001	.00230
%RSD	.27508	.23684	.10438	.88941	.62625	.00265	1.1081
#1	90.990	.20209	.20156	.19844	.19948	.20953	.20551
#2	90.637	.20142	.20186	.20095	.20125	.20953	.20876
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20841	.21009	.20457	.20674	.20426	.20648	.21008
SDev	.00363	.00180	.00032	.00250	.00088	.00214	.00187
%RSD	1.7393	.85875	.15887	1.2089	.43072	1.0341	.88798
#1	.21098	.20882	.20434	.20497	.20364	.20497	.20876
#2	.20585	.21137	.20480	.20851	.20489	.20799	.21140
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05280	.20445
SDev	.00021	.00072
%RSD	.40791	.35075
#1	.05264	.20394
#2	.05295	.20496
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5861	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0072394	--	--	--	--	--	--
#1	5862	--	--	--	--	--	--
#2	5861	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855270/SD Operator: SW
Run Time: 09/26/08 18:15:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.329	.20725	.39783	.44875	.20103	208.93	.19972
SDev	.018	.00022	.00161	.00087	.00036	.37	.00034
%RSD	.17695	.10561	.40353	.19333	.17921	.17858	.17235
#1	10.342	.20709	.39897	.44936	.20128	209.19	.19996
#2	10.316	.20740	.39670	.44813	.20077	208.66	.19948
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20028	.20166	.20267	11.665	17.467	83.040	2.3140
SDev	.00094	.00054	.00087	.023	.053	.203	.0044
%RSD	.46990	.26832	.42837	.20009	.30334	.24421	.18914
#1	.20094	.20204	.20329	11.681	17.505	83.184	2.3171
#2	.19961	.20128	.20206	11.648	17.430	82.897	2.3109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	91.190	.20004	.19509	.19911	.19777	.20789	.20321
SDev	.064	.00093	.00006	.00035	.00021	.00266	.00053
%RSD	.06964	.46678	.03342	.17759	.10828	1.2818	.26346
#1	91.235	.20070	.19504	.19936	.19792	.20977	.20283
#2	91.145	.19938	.19514	.19886	.19762	.20600	.20359
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20868	.20749	.20259	.19952	.20185	.20473	.20527
SDev	.00760	.00780	.00036	.00205	.00038	.00005	.00157
%RSD	3.6429	3.7582	.17936	1.0268	.18611	.02264	.76596
#1	.20330	.21301	.20285	.19807	.20212	.20469	.20416
#2	.21405	.20198	.20234	.20097	.20159	.20476	.20639
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05200	.20244
SDev	.00002	.00110
%RSD	.03872	.54321
#1	.05198	.20322
#2	.05201	.20166
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5887	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1693638	--	--	--	--	--	--
#1	5894	--	--	--	--	--	--
#2	5880	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855271 Operator: SW
Run Time: 09/26/08 18:20:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12987	.00035	.03440	.15266	.00007	91.106	.00009
SDev	.00117	.00154	.00047	.00011	.00003	.227	.00020
%RSD	.90267	439.78	1.3546	.07233	35.094	.24953	226.24
#1	.12905	-.00074	.03473	.15274	.00009	91.267	-.00005
#2	.13070	.00144	.03407	.15258	.00005	90.945	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	.00088	.00084	.14399	2.2461	33.399	.01669
SDev	.00024	.00025	.00016	.01013	.0104	.090	.00018
%RSD	23.988	28.511	18.506	7.0348	.46306	.26874	1.0563
#1	.00116	.00070	.00073	.15115	2.2388	33.463	.01656
#2	.00082	.00105	.00095	.13682	2.2535	33.336	.01681
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1576	.00065	-.00090	.00035	-.00007	.00185	.00133
SDev	.0290	.00066	.00014	.00071	.00052	.00127	.00154
%RSD	.69643	101.19	15.513	203.60	772.31	68.581	116.62
#1	4.1371	.00112	-.00080	.00085	.00030	.00095	.00242
#2	4.1780	.00018	-.00100	-.00015	-.00044	.00275	.00023
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.00129	.00732	-.00170	.00293	.00657	.00056
SDev	.00294	.00043	.00019	.00448	.00014	.00014	.00284
%RSD	99.112	33.523	2.5959	262.86	4.7160	2.1682	506.53
#1	.00089	.00099	.00745	.00146	.00303	.00667	-.00145
#2	.00505	.00160	.00719	-.00487	.00283	.00647	.00257
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00023	.00495
SDev	.00002	.00070
%RSD	10.945	14.124
#1	-.00021	.00445
#2	-.00024	.00544
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5930	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.1001607	--	--	--	--	--	--
#1	5934	--	--	--	--	--	--
#2	5926	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 06:31:47 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 18:26:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.199	.48093	.49489	.50007	.49543	24.671	.48888
SDev	.006	.00117	.00087	.00024	.00006	.002	.00015
%RSD	.02318	.24411	.17580	.04854	.01311	.00978	.03010
#1	25.203	.48176	.49427	.50024	.49539	24.669	.48899
#2	25.194	.48010	.49551	.49990	.49548	24.672	.48878
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48718	.50806	.49054	24.468	25.398	24.579	.49898
SDev	.00153	.00024	.00105	.018	.049	.039	.00029
%RSD	.31459	.04644	.21367	.07159	.19149	.15700	.05805
#1	.48826	.50789	.49129	24.455	25.433	24.552	.49918
#2	.48610	.50823	.48980	24.480	25.364	24.606	.49877
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.662	.49729	.49182	.49136	.49151	.50038	.49652
SDev	.067	.00036	.00029	.00070	.00056	.00352	.00453
%RSD	.27091	.07323	.05837	.14218	.11425	.70280	.91266
#1	24.710	.49703	.49202	.49185	.49191	.50287	.49332
#2	24.615	.49755	.49162	.49087	.49112	.49790	.49973
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49958	.50079	.51441	.49409	.49165	.49959	.50441
SDev	.00547	.00254	.00021	.00106	.00088	.00096	.00005
%RSD	1.0947	.50734	.04027	.21398	.17864	.19295	.01023
#1	.50345	.50259	.51426	.49484	.49227	.49891	.50445
#2	.49571	.49900	.51455	.49335	.49103	.50027	.50438
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49968	.49296
SDev	.00042	.00278
%RSD	.08473	.56478
#1	.49938	.49099
#2	.49998	.49493
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5946	--	--	--	--	--	--
SDev	18.56155	--	--	--	--	--	--
%RSD	.3121490	--	--	--	--	--	--
#1	5960	--	--	--	--	--	--
#2	5933	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 06:36:51 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 18:31:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01594	.00037	.00115	.00034	.00025	.02537	.00029
SDev	.01433	.00092	.00060	.00023	.00023	.01441	.00006
%RSD	89.874	248.89	51.900	66.342	91.167	56.792	20.330
#1	.00581	.00102	.00073	.00018	.00009	.01518	.00024
#2	.02607	-.00028	.00157	.00051	.00041	.03556	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00037	.00049	.01449	.02928	.02328	.00028
SDev	.00034	.00052	.00000	.01111	.01486	.01035	.00026
%RSD	46.679	141.07	.04026	76.676	50.740	44.470	92.304
#1	.00049	.00000	.00049	.00664	.01878	.01596	.00010
#2	.00098	.00073	.00049	.02235	.03979	.03060	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04044	.00013	-.00127	.00085	.00014	-.00076	.00088
SDev	.05519	.00041	.00153	.00255	.00221	.00205	.00200
%RSD	136.48	313.78	119.99	300.81	1562.3	268.00	226.65
#1	.00141	-.00016	-.00019	.00265	.00170	.00068	.00230
#2	.07946	.00042	-.00235	-.00096	-.00142	-.00221	-.00053
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	-.00208	.00006	.00020	.00021	.00064	-.00029
SDev	.00280	.00447	.00042	.00406	.00028	.00015	.00041
%RSD	149.26	214.54	745.30	2032.3	134.67	23.350	138.27
#1	-.00010	.00108	-.00024	-.00267	.00001	.00053	-.00001
#2	.00386	-.00525	.00035	.00307	.00041	.00075	-.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00016	-.00028
SDev	.00080	.00065
%RSD	502.99	227.61
#1	-.00072	-.00074
#2	.00041	.00017
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5931	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0250366	--	--	--	--	--	--
#1	5930	--	--	--	--	--	--
#2	5932	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855272 Operator: SW
Run Time: 09/26/08 18:36:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22989	.00000	.03589	.12613	.00023	107.29	.00008
SDev	.00478	.00060	.00119	.00033	.00010	.60	.00024
%RSD	2.0776	17812.	3.3061	.25990	42.969	.56222	311.85
#1	.23327	.00043	.03673	.12636	.00030	107.71	-.00009
#2	.22651	-.00042	.03505	.12590	.00016	106.86	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00082	.00045	.39985	2.5034	36.427	.02031
SDev	.00022	.00017	.00018	.01480	.0000	.192	.00009
%RSD	21.012	21.405	40.857	3.7018	.00193	.52800	.44843
#1	.00090	.00094	.00058	.41032	2.5034	36.563	.02038
#2	.00122	.00069	.00032	.38938	2.5034	36.291	.02025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6430	.00142	-.00215	.00181	.00049	.00198	.00362
SDev	.0381	.00017	.00122	.00101	.00026	.00256	.00225
%RSD	.82077	11.887	56.922	55.681	53.866	129.40	62.110
#1	4.6699	.00154	-.00301	.00252	.00068	.00378	.00203
#2	4.6160	.00130	-.00128	.00109	.00030	.00017	.00520
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00480	.00056	.00897	.00262	.00121	.00265	-.00058
SDev	.00660	.00053	.00025	.00183	.00001	.00029	.00161
%RSD	137.57	94.707	2.7691	69.589	.39158	10.881	278.02
#1	.00947	.00094	.00879	.00133	.00121	.00244	.00056
#2	.00013	.00019	.00914	.00391	.00120	.00285	-.00172
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00039	.00181
SDev	.00021	.00033
%RSD	53.054	18.275
#1	-.00054	.00204
#2	-.00024	.00157
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5941	--	--	--	--	--	--
SDev	17.07656	--	--	--	--	--	--
%RSD	.2874297	--	--	--	--	--	--
#1	5929	--	--	--	--	--	--
#2	5953	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855273 Operator: SW
Run Time: 09/26/08 18:41:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.67976	.00090	.14379	.15107	.00014	126.89	.00022
SDev	.00274	.00193	.00076	.00033	.00001	.24	.00014
%RSD	.40297	213.41	.52691	.21556	3.6607	.19043	65.026
#1	.68170	-.00046	.14433	.15130	.00014	127.06	.00032
#2	.67783	.00226	.14325	.15084	.00014	126.72	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.00136	.00196	.63018	.93275	36.214	.86352
SDev	.00019	.00023	.00061	.00302	.00598	.067	.00145
%RSD	18.028	16.774	31.319	.47897	.64089	.18547	.16783
#1	.00121	.00120	.00152	.62805	.92853	36.262	.86455
#2	.00094	.00152	.00239	.63231	.93698	36.167	.86250
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.525	.01256	-.00204	.00036	-.00044	.00343	.00079
SDev	.029	.00022	.00041	.00174	.00103	.00046	.00213
%RSD	.13394	1.7316	20.081	491.14	232.44	13.511	268.80
#1	21.505	.01241	-.00233	.00159	.00028	.00376	-.00071
#2	21.545	.01271	-.00175	-.00088	-.00117	.00310	.00230
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	.00363	.02267	.00013	.00241	.00562	.00094
SDev	.00033	.00086	.00027	.00213	.00029	.00000	.00061
%RSD	10.823	23.634	1.1920	1661.4	11.895	.07636	64.793
#1	.00279	.00424	.02248	-.00138	.00261	.00562	.00051
#2	.00325	.00303	.02287	.00164	.00221	.00562	.00137
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	.00303
SDev	.00022	.00074
%RSD	84.421	24.333
#1	-.00011	.00251
#2	-.00042	.00355
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5932	--	--	--	--	--	--
SDev	3.818653	--	--	--	--	--	--
%RSD	.0643716	--	--	--	--	--	--
#1	5930	--	--	--	--	--	--
#2	5935	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855274 Operator: SW
Run Time: 09/26/08 18:47:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02893	-.00118	.03960	.23094	.00008	97.219	.00000
SDev	.00408	.00043	.00009	.00007	.00003	.009	.00001
%RSD	14.112	36.754	.21788	.02869	34.961	.00972	4061.2
#1	.03182	-.00087	.03966	.23090	.00009	97.226	.00001
#2	.02605	-.00149	.03954	.23099	.00006	97.212	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00088	.00082	.05341	3.5555	37.146	.05525
SDev	.00036	.00038	.00023	.00681	.0198	.042	.00011
%RSD	44.897	43.208	28.499	12.745	.55689	.11383	.20519
#1	.00106	.00115	.00065	.05823	3.5415	37.116	.05517
#2	.00055	.00061	.00098	.04860	3.5695	37.176	.05533
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2259	.00029	-.00244	.00039	-.00055	.00240	.00277
SDev	.0576	.00030	.00196	.00165	.00176	.00023	.00194
%RSD	.92509	103.37	80.433	427.11	316.76	9.7647	70.001
#1	6.1852	.00051	-.00383	-.00078	-.00180	.00257	.00414
#2	6.2666	.00008	-.00105	.00156	.00069	.00224	.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00388	.00167	.00090	-.00284	.00143	.00202	.00040
SDev	.00072	.00071	.00014	.00213	.00028	.00030	.00020
%RSD	18.604	42.741	15.768	74.970	19.954	14.707	50.731
#1	.00337	.00217	.00100	-.00435	.00163	.00223	.00055
#2	.00439	.00116	.00080	-.00134	.00122	.00181	.00026
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00009	.00247
SDev	.00018	.00078
%RSD	203.89	31.791
#1	.00021	.00302
#2	-.00004	.00191
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5921	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.0895684	--	--	--	--	--	--
#1	5925	--	--	--	--	--	--
#2	5917	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855275 Operator: SW
Run Time: 09/26/08 18:52:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07666	.00129	.02036	.01319	.00000	4.0142	.00019
SDev	.00117	.00016	.00158	.00001	.00001	.0015	.00026
%RSD	1.5270	12.801	7.7366	.07946	3437.4	.03856	132.63
#1	.07583	.00141	.01924	.01318	.00001	4.0131	.00001
#2	.07749	.00117	.02147	.01319	-.00001	4.0153	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.00041	.00010	.33113	.81441	.64537	.02193
SDev	.00046	.00036	.00022	.00651	.00428	.00334	.00001
%RSD	24.888	88.679	216.87	1.9656	.52502	.51726	.04030
#1	.00217	.00066	-.00006	.33573	.81743	.64301	.02193
#2	.00152	.00015	.00026	.32653	.81139	.64773	.02192
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0030	.00188	-.00248	.00037	-.00058	.00128	-.00048
SDev	.0024	.00044	.00078	.00169	.00087	.00338	.00517
%RSD	.02696	23.584	31.510	454.25	150.42	263.67	1078.4
#1	9.0013	.00157	-.00304	.00157	.00004	.00367	-.00414
#2	9.0047	.00219	-.00193	-.00082	-.00119	-.00111	.00318
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00040	.00084	-.00314	.00139	.01547	.00098
SDev	.00453	.00281	.00024	.00043	.00028	.00047	.00060
%RSD	148.68	701.55	28.515	13.689	20.437	3.0614	61.036
#1	.00625	.00239	.00101	-.00283	.00159	.01580	.00141
#2	-.00016	-.00158	.00067	-.00344	.00119	.01513	.00056
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00042	.00001
SDev	.00012	.00004
%RSD	28.587	578.95
#1	-.00034	-.00002
#2	-.00051	.00004
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6003	--	--	--	--	--	--
SDev	10.92459	--	--	--	--	--	--
%RSD	.1819924	--	--	--	--	--	--
#1	5995	--	--	--	--	--	--
#2	6010	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855276 Operator: SW
Run Time: 09/26/08 18:57:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9026	.00674	.02727	.03109	.00085	43.329	.00015
SDev	.0023	.00277	.00052	.00001	.00001	.109	.00012
%RSD	.12069	41.147	1.9204	.02907	1.3833	.25149	78.452
#1	1.9042	.00870	.02690	.03110	.00084	43.252	.00024
#2	1.9009	.00478	.02764	.03108	.00086	43.406	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16913	.00033	-.00035	29.863	3.1507	30.652	4.9953
SDev	.00077	.00011	.00022	.058	.0031	.041	.0107
%RSD	.45362	34.294	64.281	.19581	.09874	.13275	.21327
#1	.16858	.00041	-.00019	29.822	3.1529	30.623	4.9878
#2	.16967	.00025	-.00050	29.904	3.1485	30.681	5.0029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.972	.00943	-.00071	.00011	-.00016	.00350	.00195
SDev	.014	.00001	.00092	.00047	.00001	.00001	.00154
%RSD	.08467	.06162	128.85	428.66	5.9367	.26075	78.932
#1	16.982	.00943	-.00006	-.00022	-.00017	.00349	.00303
#2	16.962	.00943	-.00136	.00044	-.00016	.00351	.00086
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00540	.00255	.00874	.00086	.00363	.02053	.00104
SDev	.00167	.00082	.00032	.00064	.00040	.00026	.00018
%RSD	30.839	32.125	3.6756	74.468	11.157	1.2868	17.707
#1	.00422	.00313	.00897	.00040	.00391	.02034	.00091
#2	.00658	.00197	.00851	.00131	.00334	.02071	.00117
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00077	.00035
SDev	.00053	.00008
%RSD	68.574	22.883
#1	-.00040	.00041
#2	-.00114	.00029
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6773	--	--	--	--	--	--
SDev	41.79008	--	--	--	--	--	--
%RSD	.6170008	--	--	--	--	--	--
#1	6744	--	--	--	--	--	--
#2	6803	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855277 Operator: SW
Run Time: 09/26/08 19:02:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5859	.00949	.02990	.31395	.00042	9.2866	-.00040
SDev	.0075	.00165	.00097	.00036	.00003	.0128	.00015
%RSD	.47299	17.386	3.2262	.11593	6.9254	.13755	38.499
#1	1.5912	.01066	.02922	.31421	.00044	9.2956	-.00051
#2	1.5806	.00833	.03058	.31369	.00040	9.2776	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01259	.00085	.00072	63.203	2.1249	19.438	.12905
SDev	.00026	.00080	.00007	.080	.0066	.022	.00032
%RSD	2.0991	92.982	9.9378	.12651	.30928	.11282	.25100
#1	.01240	.00142	.00067	63.259	2.1295	19.454	.12882
#2	.01278	.00029	.00077	63.146	2.1202	19.423	.12927
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	59.715	.00476	-.00049	-.00043	-.00045	.00436	.00098
SDev	.126	.00081	.00141	.00006	.00043	.00068	.00054
%RSD	.21044	16.971	289.28	13.549	96.439	15.598	55.099
#1	59.804	.00419	.00051	-.00047	-.00014	.00484	.00137
#2	59.626	.00533	-.00148	-.00038	-.00075	.00388	.00060
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00644	.00332	.01294	-.00075	.00271	.01418	.00120
SDev	.00168	.00018	.00015	.00038	.00027	.00031	.00217
%RSD	26.125	5.3944	1.1804	51.013	9.8626	2.1704	181.47
#1	.00762	.00345	.01305	-.00048	.00290	.01396	.00273
#2	.00525	.00319	.01283	-.00102	.00252	.01439	-.00034
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00049	.00042
SDev	.00023	.00148
%RSD	46.284	353.53
#1	-.00033	-.00063
#2	-.00066	.00146
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6108	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1337041	--	--	--	--	--	--
#1	6114	--	--	--	--	--	--
#2	6102	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855278 Operator: SW
Run Time: 09/26/08 19:07:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0379	-.00057	.04030	.06716	.00123	18.171	.00014
SDev	.0004	.00060	.00039	.00002	.00001	.000	.00018
%RSD	.04149	104.27	.96712	.02925	.98668	.00143	128.57
#1	1.0382	-.00100	.04002	.06717	.00124	18.171	.00001
#2	1.0376	-.00015	.04057	.06714	.00122	18.171	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00896	.00037	-.00010	6.8801	2.5178	15.558	.15524
SDev	.00010	.00020	.00010	.0018	.0063	.017	.00020
%RSD	1.1077	55.363	101.52	.02564	.24830	.10621	.12703
#1	.00903	.00051	-.00017	6.8814	2.5223	15.546	.15510
#2	.00889	.00022	-.00003	6.8789	2.5134	15.570	.15538
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.102	.00506	-.00147	-.00044	-.00079	.00128	.00206
SDev	.034	.00024	.00050	.00108	.00089	.00217	.00075
%RSD	.14641	4.6672	33.606	243.62	112.70	169.33	36.277
#1	23.078	.00523	-.00182	-.00121	-.00141	-.00025	.00153
#2	23.126	.00490	-.00112	.00032	-.00016	.00282	.00258
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00467	-.00041	.00075	-.00203	.00034	.01399	.00018
SDev	.00059	.00356	.00005	.00177	.00014	.00030	.00020
%RSD	12.725	867.95	7.1553	87.202	40.562	2.1345	112.23
#1	.00509	-.00292	.00071	-.00329	.00024	.01378	.00032
#2	.00425	.00210	.00078	-.00078	.00044	.01420	.00004
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00053	.00094
SDev	.00011	.00139
%RSD	20.154	148.79
#1	-.00061	.00192
#2	-.00046	-.00005
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6091	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0470191	--	--	--	--	--	--
#1	6093	--	--	--	--	--	--
#2	6089	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855279 Operator: SW
Run Time: 09/26/08 19:12:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01483	-.00082	.04524	.01029	-.00007	24.838	-.00020
SDev	.00052	.00030	.00007	.00003	.00003	.059	.00004
%RSD	3.4895	37.001	.16300	.29190	48.944	.23610	18.880
#1	.01520	-.00103	.04529	.01027	-.00004	24.879	-.00018
#2	.01447	-.00060	.04519	.01032	-.00009	24.796	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00017	-.00008	1.6454	3.1262	5.2647	.12073
SDev	.00000	.00002	.00020	.0043	.0082	.0145	.00047
%RSD	.86281	10.663	255.47	.26064	.26364	.27494	.39240
#1	.00012	.00015	-.00022	1.6484	3.1321	5.2749	.12106
#2	.00012	.00018	.00006	1.6423	3.1204	5.2544	.12039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.717	.00083	-.00043	.00004	-.00012	.00165	.00324
SDev	.141	.00002	.00204	.00112	.00143	.00111	.00204
%RSD	1.1074	2.1042	470.83	3200.2	1184.1	67.463	63.058
#1	12.617	.00084	-.00187	-.00076	-.00113	.00086	.00469
#2	12.817	.00081	.00101	.00083	.00089	.00244	.00180
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00698	-.00102	-.00017	-.00063	-.00023	.00168	.00099
SDev	.00020	.00177	.00037	.00094	.00056	.00073	.00060
%RSD	2.8502	174.05	211.98	148.33	243.54	43.488	61.029
#1	.00712	-.00227	-.00043	.00003	-.00063	.00117	.00056
#2	.00684	.00023	.00009	-.00130	.00017	.00220	.00141
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00062	.00016
SDev	.00004	.00059
%RSD	6.9693	365.33
#1	-.00059	.00058
#2	-.00065	-.00026
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6018	--	--	--	--	--	--
SDev	12.62192	--	--	--	--	--	--
%RSD	.2097231	--	--	--	--	--	--
#1	6009	--	--	--	--	--	--
#2	6027	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855280 Operator: SW
Run Time: 09/26/08 19:17:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03094	.00003	.04490	.00964	-.00002	47.260	.00000
SDev	.00532	.00090	.00082	.00004	.00007	.130	.00005
%RSD	17.208	3468.0	1.8212	.36907	308.32	.27433	10628.
#1	.02717	.00066	.04548	.00961	-.00007	47.169	-.00004
#2	.03470	-.00061	.04432	.00966	.00002	47.352	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00069	.00095	.37889	3.0229	5.8229	.09352
SDev	.00040	.00021	.00020	.00410	.0031	.0208	.00024
%RSD	113.48	30.433	20.977	1.0821	.10243	.35766	.25355
#1	.00064	.00054	.00109	.37600	3.0207	5.8082	.09335
#2	.00007	.00084	.00081	.38179	3.0251	5.8376	.09368
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.820	.00011	.00005	-.00074	-.00048	.00353	.00193
SDev	.075	.00006	.00164	.00017	.00066	.00076	.00103
%RSD	.63806	55.609	3405.3	22.517	137.75	21.372	53.589
#1	11.766	.00015	-.00111	-.00086	-.00094	.00407	.00266
#2	11.873	.00006	.00121	-.00062	-.00001	.00300	.00120
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00663	.00198	.00035	.00002	.00020	.00422	.00154
SDev	.00565	.00396	.00002	.00063	.00000	.00016	.00222
%RSD	85.201	199.46	6.2687	2771.7	.21089	3.7636	144.51
#1	.00264	.00478	.00033	.00046	.00020	.00411	.00311
#2	.01062	-.00081	.00036	-.00042	.00020	.00433	-.00003
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00047	.00109
SDev	.00003	.00064
%RSD	6.5908	58.885
#1	-.00045	.00154
#2	-.00049	.00063
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5957	--	--	--	--	--	--
SDev	11.03093	--	--	--	--	--	--
%RSD	.1851636	--	--	--	--	--	--
#1	5965	--	--	--	--	--	--
#2	5950	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855281 Operator: SW
Run Time: 09/26/08 19:22:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04066	.00390	.05902	.08435	.00039	139.10	.00006
SDev	.00349	.00217	.00111	.00036	.00003	.57	.00024
%RSD	8.5779	55.576	1.8738	.42566	6.7330	.40874	377.65
#1	.03820	.00544	.05980	.08461	.00041	139.50	-.00010
#2	.04313	.00237	.05824	.08410	.00037	138.69	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00100	.00174	5.5371	5.5166	19.931	.17280
SDev	.00037	.00046	.00046	.0193	.0742	.092	.00059
%RSD	88.554	45.762	26.379	.34944	1.3443	.46333	.34221
#1	.00068	.00068	.00207	5.5508	5.5690	19.996	.17322
#2	.00016	.00132	.00142	5.5234	5.4641	19.866	.17238
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	56.471	.00157	-.00243	.00087	-.00023	.00272	.00265
SDev	.330	.00006	.00180	.00007	.00055	.00077	.00669
%RSD	.58355	3.5443	74.317	8.4675	240.87	28.432	252.26
#1	56.704	.00153	-.00370	.00092	-.00062	.00326	.00738
#2	56.238	.00161	-.00115	.00082	.00016	.00217	-.00208
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00373	.00030	-.00162	.00019	.00483	.00074
SDev	.00083	.00157	.00025	.00027	.00014	.00030	.00283
%RSD	120.53	42.109	83.629	16.868	74.399	6.1957	381.42
#1	.00010	.00484	.00012	-.00181	.00029	.00504	.00275
#2	.00127	.00262	.00048	-.00142	.00009	.00462	-.00126
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00082
SDev	.00021	.00087
%RSD	188.04	106.98
#1	.00026	.00020
#2	-.00004	.00144
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5951	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0106921	--	--	--	--	--	--
#1	5951	--	--	--	--	--	--
#2	5952	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 07:33:53 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 19:28:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.484	.48762	.49973	.50466	.50258	24.972	.49765
SDev	.016	.00266	.00048	.00044	.00041	.061	.00020
%RSD	.06160	.54531	.09546	.08819	.08149	.24610	.04066
#1	25.495	.48950	.49939	.50497	.50229	25.015	.49779
#2	25.473	.48574	.50007	.50434	.50287	24.928	.49750
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49337	.51437	.49679	24.743	25.723	24.944	.50526
SDev	.00019	.00144	.00291	.120	.356	.038	.00040
%RSD	.03799	.28003	.58495	.48349	1.3842	.15429	.08021
#1	.49350	.51539	.49473	24.827	25.471	24.971	.50555
#2	.49323	.51335	.49884	24.658	25.975	24.917	.50497
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.090	.50274	.50125	.49767	.49886	.50804	.49904
SDev	.217	.00239	.00059	.00083	.00075	.00493	.00453
%RSD	.86683	.47451	.11808	.16605	.15000	.97125	.90854
#1	24.936	.50443	.50167	.49825	.49939	.50455	.49583
#2	25.244	.50105	.50083	.49708	.49833	.51153	.50224
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50373	.51020	.52148	.49793	.49737	.50860	.50871
SDev	.00437	.00522	.00065	.00111	.00069	.00049	.00268
%RSD	.86783	1.0223	.12410	.22295	.13958	.09621	.52783
#1	.50064	.50651	.52102	.49871	.49787	.50826	.51061
#2	.50682	.51389	.52194	.49714	.49688	.50895	.50681
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50568	.50160
SDev	.00173	.00071
%RSD	.34200	.14122
#1	.50446	.50210
#2	.50690	.50110
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5921	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1683812	--	--	--	--	--	--
#1	5914	--	--	--	--	--	--
#2	5928	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 07:38:57 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 19:33:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01051	-.00100	.00118	.00024	.00019	.02158	.00027
SDev	.00517	.00062	.00140	.00002	.00009	.00953	.00003
%RSD	49.216	61.567	118.65	6.9646	48.307	44.142	9.7551
#1	.00685	-.00144	.00216	.00023	.00012	.01485	.00025
#2	.01417	-.00057	.00019	.00026	.00025	.02832	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00037	.00071	.01511	.01583	.01923	.00023
SDev	.00063	.00006	.00030	.00857	.00846	.00455	.00019
%RSD	194.96	15.836	42.732	56.747	53.423	23.667	82.339
#1	-.00012	.00041	.00050	.02117	.02182	.01601	.00010
#2	.00077	.00032	.00093	.00905	.00985	.02244	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10685	-.00052	.00074	.00072	.00073	.00354	.00399
SDev	.01699	.00088	.00151	.00076	.00001	.00060	.00059
%RSD	15.902	169.37	203.24	106.80	.82427	16.990	14.818
#1	-.11886	.00010	-.00033	.00126	.00073	.00311	.00357
#2	-.09483	-.00114	.00181	.00018	.00072	.00396	.00441
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00551	.00255	.00001	-.00430	.00011	.00001	-.00001
SDev	.00600	.00210	.00013	.00216	.00014	.00015	.00040
%RSD	108.80	82.094	1384.6	50.097	128.87	2862.7	6516.4
#1	.00127	.00404	.00010	-.00278	.00001	-.00010	.00028
#2	.00975	.00107	-.00008	-.00583	.00021	.00011	-.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00056	.00027
SDev	.00022	.00180
%RSD	38.662	666.19
#1	-.00041	-.00100
#2	-.00072	.00154
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5929	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.1431209	--	--	--	--	--	--
#1	5923	--	--	--	--	--	--
#2	5935	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855282 Operator: SW
Run Time: 09/26/08 19:39:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05193	.00073	.04419	.01118	.00001	49.288	.00002
SDev	.00234	.00004	.00044	.00002	.00005	.203	.00003
%RSD	4.4980	5.5562	1.0018	.16446	413.91	.41087	190.93
#1	.05028	.00076	.04388	.01117	-.00002	49.145	-.00001
#2	.05358	.00071	.04451	.01120	.00005	49.431	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00008	.00025	.45334	3.4291	6.8933	.11364
SDev	.00021	.00011	.00038	.01022	.0503	.0320	.00064
%RSD	151.18	139.47	155.35	2.2552	1.4662	.46398	.56647
#1	.00001	.00000	-.00002	.44611	3.3935	6.8707	.11318
#2	-.00028	.00016	.00052	.46057	3.4646	6.9159	.11409
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.998	-.00010	.00066	-.00090	-.00038	.00088	.00097
SDev	.216	.00058	.00005	.00074	.00051	.00331	.00391
%RSD	1.2721	580.17	7.4300	81.900	132.92	374.85	404.37
#1	16.845	.00031	.00069	-.00038	-.00002	-.00146	-.00180
#2	17.150	-.00051	.00062	-.00143	-.00074	.00323	.00373
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00493	-.00114	.00111	-.00182	.00010	.00242	.00167
SDev	.00454	.00270	.00021	.00150	.00042	.00030	.00081
%RSD	92.153	236.91	18.620	82.710	438.00	12.291	48.306
#1	.00172	-.00305	.00096	-.00075	-.00020	.00221	.00224
#2	.00814	.00077	.00126	-.00288	.00040	.00263	.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00078	-.00034
SDev	.00000	.00046
%RSD	.04662	134.11
#1	-.00078	-.00067
#2	-.00078	-.00002
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5977	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0088733	--	--	--	--	--	--
#1	5977	--	--	--	--	--	--
#2	5976	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855283 Operator: SW
Run Time: 09/26/08 19:44:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03971	-.00112	.05771	.07651	.00009	61.190	.00009
SDev	.00577	.00071	.00040	.00005	.00003	.234	.00015
%RSD	14.525	63.001	.70120	.06142	36.155	.38228	176.95
#1	.04378	-.00162	.05742	.07654	.00012	61.355	-.00002
#2	.03563	-.00062	.05799	.07648	.00007	61.024	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00066	.00179	6.1630	4.3856	11.993	.05860
SDev	.00013	.00008	.00005	.0347	.0044	.041	.00010
%RSD	31.835	11.584	2.9313	.56304	.10090	.34383	.17373
#1	.00051	.00061	.00176	6.1875	4.3887	12.022	.05867
#2	.00032	.00072	.00183	6.1385	4.3824	11.964	.05853
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.951	.00071	-.00304	.00079	-.00049	.00506	.00149
SDev	.077	.00009	.00109	.00027	.00018	.00205	.00249
%RSD	.27686	13.160	35.971	34.688	37.362	40.449	167.05
#1	28.006	.00078	-.00227	.00060	-.00036	.00651	.00325
#2	27.897	.00065	-.00381	.00098	-.00061	.00361	-.00027
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00617	.00451	.00081	-.00039	.00067	.00670	.00070
SDev	.00430	.00092	.00003	.00076	.00028	.00001	.00020
%RSD	69.686	20.440	4.1248	193.98	41.798	.10028	29.012
#1	.00921	.00516	.00078	.00015	.00087	.00669	.00084
#2	.00313	.00385	.00083	-.00093	.00047	.00670	.00055
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00005	-.00035
SDev	.00004	.00060
%RSD	94.848	171.91
#1	.00008	-.00077
#2	.00001	.00007
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5983	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.0975112	--	--	--	--	--	--
#1	5987	--	--	--	--	--	--
#2	5978	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855284 Operator: SW
Run Time: 09/26/08 19:49:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01566	.00016	.00394	.00013	-.00008	.06050	-.00012
SDev	.00310	.00101	.00065	.00000	.00003	.00434	.00008
%RSD	19.789	624.00	16.465	.58664	36.859	7.1728	69.473
#1	.01347	-.00055	.00348	.00013	-.00006	.05743	-.00018
#2	.01785	.00087	.00440	.00013	-.00010	.06357	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00014	.00024	.00362	.01285	.00372	.00007
SDev	.00009	.00024	.00013	.00084	.00001	.00263	.00003
%RSD	12.711	168.93	53.385	23.264	.06290	70.747	43.466
#1	.00077	.00032	.00015	.00302	.01285	.00186	.00009
#2	.00064	-.00003	.00034	.00421	.01284	.00558	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04704	.00058	-.00294	.00099	-.00032	.00048	.00328
SDev	.10511	.00069	.00255	.00183	.00037	.00174	.00203
%RSD	223.46	118.54	86.933	184.11	116.41	366.10	62.009
#1	.12136	.00009	-.00113	-.00030	-.00058	-.00076	.00471
#2	-.02729	.00106	-.00474	.00228	-.00006	.00171	.00184
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.00001	-.00002	-.00179	.00001	.00167	.00086
SDev	.00105	.00314	.00024	.00220	.00057	.00045	.00000
%RSD	75.132	22789.	1301.0	122.95	7818.5	27.015	.23344
#1	.00214	-.00220	-.00019	-.00023	-.00039	.00135	.00087
#2	.00066	.00223	.00015	-.00334	.00041	.00199	.00086
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00086	-.00029
SDev	.00094	.00055
%RSD	109.76	191.00
#1	-.00152	-.00068
#2	-.00019	.00010
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5990	--	--	--	--	--	--
SDev	17.07656	--	--	--	--	--	--
%RSD	.2850618	--	--	--	--	--	--
#1	6003	--	--	--	--	--	--
#2	5978	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855142/PB Operator: SW
Run Time: 09/26/08 19:54:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	-.00022	.00377	.00009	-.00011	.04899	-.00002
SDev	.00285	.00197	.00016	.00002	.00004	.00095	.00000
%RSD	52.014	906.62	4.2139	19.497	36.724	1.9433	3.8512
#1	.00750	-.00161	.00366	.00008	-.00014	.04831	-.00003
#2	.00347	.00118	.00388	.00011	-.00008	.04966	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00001	.00033	.00782	.00832	.00223	-.00002
SDev	.00012	.00044	.00023	.00510	.00516	.00381	.00003
%RSD	29.640	3123.0	72.328	65.184	62.021	170.54	186.72
#1	.00050	-.00030	.00016	.01142	.00467	-.00046	-.00004
#2	.00033	.00032	.00049	.00421	.01197	.00493	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03754	-.00026	-.00232	.00078	-.00026	.00227	-.00034
SDev	.18804	.00012	.00030	.00162	.00098	.00150	.00116
%RSD	500.95	45.660	12.965	209.17	385.22	66.398	339.21
#1	-.17050	-.00018	-.00253	.00192	.00044	.00120	.00048
#2	.09543	-.00034	-.00211	-.00037	-.00095	.00333	-.00117
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00439	.00121	-.00004	-.00138	.00011	.00074	-.00128
SDev	.00226	.00112	.00024	.00190	.00014	.00029	.00100
%RSD	51.595	93.311	678.16	137.49	128.35	39.495	77.797
#1	.00279	.00041	-.00020	-.00272	.00021	.00094	-.00199
#2	.00599	.00200	.00013	-.00004	.00001	.00053	-.00058
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00056	-.00019
SDev	.00009	.00032
%RSD	15.757	172.46
#1	-.00062	-.00042
#2	-.00050	.00004
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5957	--	--	--	--	--	--
SDev	23.65286	--	--	--	--	--	--
%RSD	.3970883	--	--	--	--	--	--
#1	5973	--	--	--	--	--	--
#2	5940	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855141/FB Operator: SW
Run Time: 09/26/08 19:59:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.238	.20383	.20556	.20555	.20331	10.087	.20296
SDev	.006	.00237	.00198	.00092	.00225	.025	.00150
%RSD	.05548	1.1632	.96470	.44613	1.1047	.24750	.74096
#1	10.234	.20215	.20416	.20490	.20172	10.069	.20190
#2	10.242	.20551	.20696	.20620	.20490	10.105	.20402
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20266	.20285	.20218	10.072	10.786	10.096	.20287
SDev	.00207	.00007	.00120	.032	.279	.074	.00185
%RSD	1.0222	.03326	.59297	.31627	2.5872	.73504	.91223
#1	.20119	.20290	.20134	10.049	10.589	10.044	.20157
#2	.20412	.20281	.20303	10.094	10.983	10.149	.20418
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.348	.20171	.20402	.20250	.20301	.20600	.19982
SDev	.018	.00042	.00088	.00335	.00253	.00089	.00002
%RSD	.16972	.21038	.43153	1.6541	1.2449	.42991	.00995
#1	10.336	.20141	.20340	.20013	.20122	.20663	.19983
#2	10.360	.20201	.20464	.20487	.20479	.20538	.19981
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20757	.20522	.20188	.20109	.20037	.20549	.20415
SDev	.00219	.00023	.00090	.00098	.00011	.00266	.00286
%RSD	1.0534	.11461	.44583	.48878	.05661	1.2935	1.4034
#1	.20912	.20539	.20125	.20178	.20029	.20361	.20618
#2	.20602	.20506	.20252	.20039	.20045	.20737	.20213
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05128	.20550
SDev	.00022	.00108
%RSD	.43238	.52436
#1	.05112	.20473
#2	.05144	.20626
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5943	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0142790	--	--	--	--	--	--
#1	5943	--	--	--	--	--	--
#2	5944	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855127 Operator: SW
Run Time: 09/26/08 20:04:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02170	.01083	.41059	.08185	.00022	153.22	.00009
SDev	.00662	.00020	.00072	.00033	.00002	.34	.00004
%RSD	30.505	1.8469	.17624	.39891	9.5969	.21873	41.977
#1	.01702	.01097	.41110	.08208	.00021	153.46	.00006
#2	.02639	.01069	.41008	.08162	.00024	152.98	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.00040	.00342	.12703	10.771	97.130	2.5757
SDev	.00016	.00076	.00039	.02940	.151	.551	.0166
%RSD	12.699	188.05	11.466	23.148	1.4060	.56759	.64426
#1	.00118	-.00013	.00314	.10624	10.878	97.520	2.5875
#2	.00141	.00094	.00370	.14782	10.664	96.741	2.5640
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	225.99	.00040	-.00075	.00226	.00126	.00233	.00274
SDev	1.22	.00064	.00029	.00019	.00022	.00003	.00255
%RSD	.53804	161.48	39.397	8.3722	17.778	1.1612	93.215
#1	226.85	-.00006	-.00054	.00240	.00142	.00235	.00454
#2	225.13	.00085	-.00095	.00213	.00110	.00231	.00093
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00663	.00019	.00076	-.00050	.00123	.00258	.00188
SDev	.00571	.00281	.00033	.00136	.00057	.00046	.00163
%RSD	86.181	1496.5	43.809	272.86	46.611	17.681	86.802
#1	.01066	-.00180	.00052	-.00147	.00083	.00226	.00304
#2	.00259	.00218	.00099	.00046	.00164	.00290	.00073
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00047	.00162
SDev	.00074	.00056
%RSD	157.95	34.503
#1	-.00100	.00201
#2	.00006	.00122
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5877	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0559501	--	--	--	--	--	--
#1	5879	--	--	--	--	--	--
#2	5874	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855128 Operator: SW
Run Time: 09/26/08 20:09:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02353	.01794	.42993	.06523	.00017	90.975	.00011
SDev	.00221	.00012	.00078	.00009	.00003	.210	.00010
%RSD	9.3913	.64431	.18148	.14381	16.413	.23110	93.461
#1	.02509	.01786	.42938	.06530	.00019	91.124	.00018
#2	.02196	.01802	.43048	.06517	.00015	90.826	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00321	.00088	.00531	1.1956	15.391	63.698	1.5103
SDev	.00003	.00025	.00069	.0039	.156	.126	.0018
%RSD	.79285	28.540	13.090	.32732	1.0153	.19859	.11628
#1	.00323	.00106	.00482	1.1983	15.281	63.787	1.5115
#2	.00319	.00070	.00580	1.1928	15.502	63.608	1.5090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H845.89	.00191	-.00060	.00035	.00003	.00374	.00153
SDev	1.54	.00000	.00046	.00236	.00142	.00258	.00005
%RSD	.18158	.04247	76.275	681.01	4415.0	69.055	3.4668
#1	H844.81	.00191	-.00092	.00202	.00104	.00556	.00157
#2	H846.98	.00191	-.00028	-.00132	-.00097	.00191	.00150
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00770	.00175	.00153	-.00045	.00465	.00493	-.00112
SDev	.00275	.00249	.00014	.00136	.00043	.00062	.00042
%RSD	35.779	142.02	9.3632	299.39	9.2061	12.665	37.691
#1	.00964	.00352	.00163	.00051	.00495	.00449	-.00082
#2	.00575	-.00001	.00143	-.00141	.00434	.00537	-.00142
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00074	.00239
SDev	.00028	.00119
%RSD	38.105	49.775
#1	-.00094	.00155
#2	-.00054	.00323
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5785	--	--	--	--	--	--
SDev	10.81860	--	--	--	--	--	--
%RSD	.1870241	--	--	--	--	--	--
#1	5792	--	--	--	--	--	--
#2	5777	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855122 Operator: SW
Run Time: 09/26/08 20:14:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16221	.14669	.21852	.23919	.00000	88.058	.00006
SDev	.00018	.00073	.00204	.00010	.00000	.084	.00002
%RSD	.11347	.49740	.93352	.04022	49.145	.09531	38.757
#1	.16207	.14618	.21996	.23926	.00000	88.117	.00008
#2	.16234	.14721	.21708	.23912	.00000	87.998	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00053	.00034	4.5642	2.3569	42.401	.04764
SDev	.00003	.00037	.00034	.0083	.0010	.006	.00009
%RSD	6.2080	69.401	99.988	.18152	.04355	.01509	.19641
#1	.00045	.00027	.00010	4.5701	2.3576	42.405	.04757
#2	.00049	.00079	.00058	4.5583	2.3561	42.396	.04771
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	115.11	-.00016	-.00251	.00185	.00040	.00119	.00313
SDev	.09	.00056	.00281	.00371	.00154	.00033	.00053
%RSD	.07599	344.13	112.35	200.30	383.41	27.456	16.987
#1	115.05	-.00056	-.00052	-.00077	-.00069	.00096	.00276
#2	115.17	.00024	-.00450	.00447	.00149	.00142	.00351
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00385	-.00014	.00462	-.00205	.00092	.01039	-.00046
SDev	.00044	.00071	.00067	.00082	.00014	.00002	.00020
%RSD	11.478	502.71	14.504	39.942	15.166	.20953	43.436
#1	.00416	-.00064	.00415	-.00263	.00102	.01038	-.00060
#2	.00354	.00036	.00510	-.00147	.00082	.01041	-.00032
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.10457
SDev	.00001	.00160
%RSD	8.1563	1.5331
#1	-.00013	.10344
#2	-.00014	.10570
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5886	--	--	--	--	--	--
SDev	11.56127	--	--	--	--	--	--
%RSD	.1964272	--	--	--	--	--	--
#1	5894	--	--	--	--	--	--
#2	5878	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855123 Operator: SW
Run Time: 09/26/08 20:19:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00444	.00039	.06352	.07202	-.00001	124.81	-.00002
SDev	.00168	.00041	.00014	.00014	.00004	.37	.00015
%RSD	37.940	105.05	.22723	.19006	694.02	.30012	704.53
#1	.00563	.00010	.06342	.07212	.00002	125.08	-.00012
#2	.00325	.00069	.06362	.07192	-.00003	124.55	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.00169	.00082	1.1446	2.0793	86.724	.28021
SDev	.00006	.00019	.00031	.0100	.0027	.240	.00052
%RSD	6.2296	11.286	38.240	.87227	.13005	.27628	.18514
#1	.00101	.00156	.00104	1.1516	2.0812	86.894	.28057
#2	.00092	.00183	.00060	1.1375	2.0774	86.555	.27984
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.695	.00091	-.00055	-.00052	-.00053	.00104	.00216
SDev	.026	.00051	.00019	.00083	.00062	.00607	.00295
%RSD	.05846	56.257	34.975	160.41	116.94	583.45	136.06
#1	43.713	.00127	-.00069	-.00110	-.00096	-.00325	.00008
#2	43.677	.00055	-.00041	.00007	-.00009	.00533	.00425
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	.00062	.00015	-.00150	-.00062	.00496	-.00015
SDev	.00729	.00546	.00046	.00327	.00029	.00046	.00000
%RSD	386.20	885.45	297.47	217.51	46.781	9.3061	1.4713
#1	-.00327	-.00324	-.00017	.00081	-.00082	.00528	-.00015
#2	.00704	.00448	.00047	-.00381	-.00041	.00463	-.00015
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00068	.00259
SDev	.00010	.00112
%RSD	15.327	43.223
#1	-.00075	.00180
#2	-.00061	.00338
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5860	--	--	--	--	--	--
SDev	6.788294	--	--	--	--	--	--
%RSD	.1158343	--	--	--	--	--	--
#1	5856	--	--	--	--	--	--
#2	5865	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855124 Operator: SW
Run Time: 09/26/08 20:24:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6304	.02045	.18999	.17520	.00015	53.005	.00001
SDev	.0024	.00098	.00321	.00012	.00008	.283	.00015
%RSD	.14640	4.7746	1.6912	.06837	51.504	.53486	2234.3
#1	1.6321	.01976	.18771	.17511	.00009	52.804	.00011
#2	1.6287	.02114	.19226	.17528	.00020	53.205	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.00317	.00284	3.8896	4.4910	31.073	.08019
SDev	.00022	.00004	.00008	.0179	.0334	.152	.00045
%RSD	9.5156	1.2140	2.6999	.46033	.74333	.49030	.55613
#1	.00245	.00314	.00279	3.8769	4.5146	30.965	.07987
#2	.00214	.00319	.00290	3.9022	4.4674	31.181	.08050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	187.43	.00192	-.00082	.00261	.00147	.00318	.00246
SDev	.30	.00086	.00379	.00223	.00023	.00001	.00047
%RSD	.16176	44.902	462.38	85.503	15.488	.44804	18.947
#1	187.64	.00131	-.00350	.00419	.00163	.00319	.00213
#2	187.21	.00253	.00186	.00103	.00131	.00317	.00279
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00413	.00271	.03088	-.00353	.00402	.00819	.00106
SDev	.00261	.00128	.00266	.00041	.00057	.00030	.00183
%RSD	63.139	47.409	8.6197	11.686	14.113	3.6496	172.23
#1	.00598	.00180	.03277	-.00324	.00442	.00798	-.00023
#2	.00229	.00361	.02900	-.00382	.00362	.00840	.00235
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00045	.08638
SDev	.00049	.00199
%RSD	110.26	2.2987
#1	-.00010	.08497
#2	-.00080	.08778
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5929	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0017876	--	--	--	--	--	--
#1	5929	--	--	--	--	--	--
#2	5930	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 08:36:01 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 20:31:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.642	.49386	.50592	.50684	.50732	25.097	.50234
SDev	.009	.00205	.00148	.00026	.00139	.001	.00030
%RSD	.03594	.41579	.29271	.05157	.27444	.00296	.05959
#1	25.649	.49240	.50488	.50666	.50634	25.098	.50213
#2	25.636	.49531	.50697	.50703	.50831	25.097	.50255
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49693	.51755	.50156	24.865	26.195	25.066	.50946
SDev	.00021	.00030	.00257	.031	.175	.047	.00072
%RSD	.04280	.05791	.51144	.12510	.66682	.18913	.14180
#1	.49708	.51734	.49975	24.887	26.071	25.033	.50895
#2	.49678	.51776	.50337	24.843	26.318	25.100	.50997
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.159	.50480	.50240	.50196	.50210	.50218	.49995
SDev	.003	.00117	.00090	.00208	.00169	.00560	.00352
%RSD	.01247	.23110	.18010	.41347	.33571	1.1153	.70324
#1	25.157	.50398	.50176	.50049	.50091	.49822	.49746
#2	25.161	.50563	.50304	.50342	.50330	.50614	.50243
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49477	.50589	.52547	.50421	.50031	.51284	.51299
SDev	.00642	.00519	.00011	.00558	.00067	.00169	.00019
%RSD	1.2980	1.0259	.02166	1.1067	.13411	.32932	.03667
#1	.49023	.50222	.52539	.50815	.49984	.51164	.51286
#2	.49931	.50956	.52555	.50026	.50079	.51403	.51313
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50921	.50466
SDev	.00114	.00486
%RSD	.22305	.96241
#1	.50841	.50123
#2	.51002	.50809
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5912	--	--	--	--	--	--
SDev	28.10749	--	--	--	--	--	--
%RSD	.4754654	--	--	--	--	--	--
#1	5931	--	--	--	--	--	--
#2	5892	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 08:41:06 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 20:36:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00489	-.00098	.00135	.00020	.00004	.00334	.00003
SDev	.00049	.00072	.00119	.00013	.00003	.00363	.00003
%RSD	10.066	73.772	88.629	63.094	67.588	108.55	82.160
#1	-.00524	-.00047	.00219	.00011	.00002	.00078	.00001
#2	-.00454	-.00149	.00050	.00029	.00006	.00591	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.00055	.00063	.00909	.00874	.00329	.00017
SDev	.00045	.00027	.00034	.00346	.00236	.00150	.00003
%RSD	53.153	49.591	53.543	38.027	26.964	45.628	19.864
#1	.00053	.00035	.00039	.00665	.00707	.00223	.00014
#2	.00117	.00074	.00087	.01153	.01040	.00435	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	-.00029	-.00180	.00243	.00102	.00252	.00105
SDev	.12148	.00051	.00200	.00064	.00110	.00102	.00059
%RSD	15298.	176.07	110.84	26.541	107.67	40.687	55.938
#1	-.08670	.00007	-.00322	.00197	.00024	.00179	.00064
#2	.08511	-.00065	-.00039	.00288	.00179	.00324	.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	.00296	.00016	.00166	.00021	.00012	-.00031
SDev	.00967	.00330	.00001	.00330	.00028	.00000	.00040
%RSD	593.48	111.40	6.9445	198.26	132.99	1.9348	131.81
#1	-.00521	.00529	.00015	.00399	.00042	.00012	-.00059
#2	.00846	.00063	.00016	-.00067	.00001	.00012	-.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	-.00176
SDev	.00013	.00088
%RSD	73.705	50.081
#1	-.00008	-.00238
#2	-.00026	-.00114
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5891	--	--	--	--	--	--
SDev	13.15226	--	--	--	--	--	--
%RSD	.2232563	--	--	--	--	--	--
#1	5900	--	--	--	--	--	--
#2	5882	--	--	--	--	--	--

Analysis Report 09/26/08 08:46:10 PM page 1

Method: TRACE1 Sample Name: AD855125 Operator: SW
Run Time: 09/26/08 20:41:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97984	.07010	1.9926	.99047	.00015	96.435	.00017
SDev	.01312	.00309	.0133	.00178	.00005	.208	.00009
%RSD	1.3393	4.4078	.66939	.17987	30.694	.21573	52.650
#1	.98912	.07229	1.9831	.98921	.00018	96.288	.00011
#2	.97056	.06792	2.0020	.99173	.00011	96.582	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01234	.00266	.00203	3.2483	69.020	64.221	.05416
SDev	.00011	.00067	.00037	.0009	.991	.197	.00003
%RSD	.92492	25.262	18.434	.02665	1.4352	.30656	.05581
#1	.01242	.00314	.00177	3.2477	68.320	64.082	.05414
#2	.01226	.00219	.00230	3.2489	69.720	64.361	.05418
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H509.42	.04383	-.00054	.00083	.00037	-.00049	.00428
SDev	2.07	.00089	.00258	.00109	.00158	.00293	.00084
%RSD	.40711	2.0302	475.64	130.62	424.81	602.93	19.638
#1	H507.95	.04445	-.00237	.00006	-.00075	-.00256	.00369
#2	H510.88	.04320	.00128	.00160	.00149	.00159	.00488
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00214	-.00180	.02617	.00098	.00327	.00551	-.00168
SDev	.00043	.00461	.00066	.00121	.00057	.00029	.00436
%RSD	20.182	256.21	2.5247	122.46	17.322	5.2205	259.51
#1	.00245	-.00506	.02663	.00184	.00367	.00571	.00140
#2	.00184	.00146	.02570	.00013	.00287	.00531	-.00477
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00049	.27273
SDev	.00040	.00515
%RSD	82.543	1.8866
#1	-.00020	.26909
#2	-.00078	.27637
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5812	--	--	--	--	--	--
SDev	17.18256	--	--	--	--	--	--
%RSD	.2956367	--	--	--	--	--	--
#1	5824	--	--	--	--	--	--
#2	5800	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855126 Operator: SW
Run Time: 09/26/08 20:46:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44852	.02366	.23265	.97463	.00020	160.97	.00007
SDev	.00336	.00289	.00057	.00044	.00010	.91	.00028
%RSD	.74892	12.212	.24606	.04570	50.727	.56528	397.85
#1	.44614	.02162	.23225	.97494	.00013	160.33	-.00013
#2	.45089	.02570	.23306	.97431	.00027	161.61	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00365	.00132	.00184	4.6712	6.7690	106.79	.70998
SDev	.00007	.00015	.00040	.0393	.0107	.50	.00240
%RSD	1.8411	11.580	21.667	.84237	.15810	.46596	.33858
#1	.00369	.00143	.00156	4.6434	6.7615	106.44	.70828
#2	.00360	.00121	.00212	4.6990	6.7766	107.14	.71168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H465.92	.00236	.00115	-.00063	-.00004	.00214	.00443
SDev	.85	.00010	.00184	.00053	.00097	.00065	.00108
%RSD	.18153	4.1656	159.96	83.581	2389.5	30.349	24.279
#1	H466.52	.00229	-.00015	-.00101	-.00072	.00261	.00367
#2	H465.32	.00243	.00245	-.00026	.00064	.00168	.00519
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00480	.00082	.01188	-.00011	.00110	.00745	-.00023
SDev	.00080	.00057	.00191	.00099	.00044	.00047	.00125
%RSD	16.726	70.482	16.041	874.69	40.334	6.3795	552.13
#1	.00537	.00122	.01323	.00059	.00078	.00711	.00066
#2	.00424	.00041	.01053	-.00081	.00141	.00778	-.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00042	.05341
SDev	.00069	.00157
%RSD	165.06	2.9334
#1	-.00091	.05230
#2	.00007	.05452
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5796	--	--	--	--	--	--
SDev	10.81860	--	--	--	--	--	--
%RSD	.1866466	--	--	--	--	--	--
#1	5804	--	--	--	--	--	--
#2	5789	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855129 Operator: SW
Run Time: 09/26/08 20:51:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07844	.01138	.64797	.02773	.00005	17.450	-.00008
SDev	.00141	.00101	.00254	.00009	.00004	.073	.00020
%RSD	1.7955	8.8767	.39242	.34000	78.080	.42042	253.96
#1	.07944	.01067	.64977	.02767	.00008	17.502	-.00022
#2	.07744	.01210	.64617	.02780	.00002	17.398	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00043	.00068	.00661	13.745	1.3935	.00026
SDev	.00024	.00006	.00007	.00857	.056	.0092	.00010
%RSD	47.087	13.684	11.113	129.59	.41004	.66026	37.234
#1	.00068	.00047	.00062	.01268	13.785	1.3870	.00019
#2	.00034	.00038	.00073	.00055	13.706	1.4000	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	328.18	.00475	-.00470	.00184	-.00034	.00671	.00310
SDev	.15	.00047	.00356	.00122	.00037	.00556	.00279
%RSD	.04443	9.9854	75.654	66.217	110.08	82.816	89.979
#1	328.28	.00508	-.00722	.00270	-.00060	.01065	.00507
#2	328.08	.00441	-.00219	.00098	-.00007	.00278	.00113
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01016	.00499	.00020	-.00090	.00529	.00223	-.00085
SDev	.00213	.00728	.00002	.00307	.00058	.00030	.00102
%RSD	20.953	145.76	11.130	338.79	10.924	13.612	119.42
#1	.01167	.01014	.00021	.00126	.00570	.00244	-.00013
#2	.00865	-.00015	.00018	-.00307	.00488	.00201	-.00157
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.02558
SDev	.00020	.00058
%RSD	305.43	2.2798
#1	.00008	.02599
#2	-.00021	.02517
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5917	--	--	--	--	--	--
SDev	6.151967	--	--	--	--	--	--
%RSD	.1039702	--	--	--	--	--	--
#1	5913	--	--	--	--	--	--
#2	5921	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855130 Operator: SW
Run Time: 09/26/08 20:56:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08133	.01180	.65990	.02770	-.00005	17.582	-.00004
SDev	.00186	.00095	.00271	.00003	.00002	.007	.00002
%RSD	2.2860	8.0598	.41092	.11428	46.663	.03710	55.771
#1	.08264	.01247	.65799	.02773	-.00006	17.578	-.00005
#2	.08001	.01113	.66182	.02768	-.00003	17.587	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00041	.00112	.00481	13.790	1.4394	.00028
SDev	.00004	.00015	.00024	.00774	.031	.0043	.00000
%RSD	9.9715	36.359	21.546	161.00	.22363	.29863	.70451
#1	.00040	.00052	.00095	-.00067	13.812	1.4364	.00028
#2	.00046	.00031	.00129	.01028	13.769	1.4424	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	334.93	.00524	-.00206	-.00011	-.00076	.00211	.00031
SDev	.10	.00030	.00137	.00149	.00145	.00023	.00026
%RSD	.02903	5.8310	66.538	1348.7	191.21	10.765	84.695
#1	335.00	.00545	-.00109	.00095	.00027	.00227	.00012
#2	334.86	.00502	-.00303	-.00117	-.00179	.00195	.00050
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00606	.00013	.00038	-.00327	.00531	.00245	-.00217
SDev	.00327	.00129	.00016	.00007	.00002	.00029	.00040
%RSD	53.935	1009.9	43.897	2.2783	.43083	11.741	18.269
#1	.00838	-.00079	.00049	-.00332	.00529	.00265	-.00246
#2	.00375	.00104	.00026	-.00322	.00532	.00225	-.00189
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00064	.02632
SDev	.00036	.00066
%RSD	56.058	2.5230
#1	-.00089	.02585
#2	-.00038	.02679
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5900	--	--	--	--	--	--
SDev	23.22818	--	--	--	--	--	--
%RSD	.3937264	--	--	--	--	--	--
#1	5916	--	--	--	--	--	--
#2	5883	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855131 Operator: SW
Run Time: 09/26/08 21:01:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01055	.00300	.67088	.01712	-.00003	30.810	.00003
SDev	.00410	.00016	.00313	.00005	.00005	.117	.00006
%RSD	38.905	5.2237	.46631	.27991	190.36	.38045	185.15
#1	.01345	.00312	.67309	.01708	.00001	30.893	-.00001
#2	.00765	.00289	.66867	.01715	-.00007	30.727	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00162	.00100	-.00047	3.9787	13.896	.00069
SDev	.00004	.00001	.00028	.00345	.0041	.060	.00007
%RSD	8.3402	.28400	27.893	727.97	.10385	.42862	9.6205
#1	.00056	.00163	.00081	.00196	3.9817	13.938	.00074
#2	.00050	.00162	.00120	-.00291	3.9758	13.854	.00065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H402.17	.00121	-.00093	.00024	-.00015	.00602	-.00019
SDev	.25	.00013	.00164	.00052	.00020	.00194	.00268
%RSD	.06144	11.029	175.88	219.63	130.39	32.165	1379.1
#1	H401.99	.00111	.00023	-.00013	-.00001	.00465	.00170
#2	H402.34	.00130	-.00210	.00061	-.00029	.00739	-.00209
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00643	.00582	-.00011	-.00401	.00779	.00257	-.00239
SDev	.00219	.00400	.00025	.00196	.00002	.00014	.00081
%RSD	34.120	68.779	235.46	48.990	.25441	5.5621	34.078
#1	.00798	.00299	.00007	-.00262	.00781	.00247	-.00181
#2	.00488	.00865	-.00029	-.00539	.00778	.00267	-.00297
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00069	.04001
SDev	.00021	.00080
%RSD	29.928	1.9914
#1	-.00084	.04057
#2	-.00055	.03945
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5869	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.2367342	--	--	--	--	--	--
#1	5859	--	--	--	--	--	--
#2	5879	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855131/L (1:5) Operator: SW
Run Time: 09/26/08 21:06:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00991	.00251	.13284	.00348	-.00007	6.1029	-.00001
SDev	.00034	.00092	.00113	.00004	.00000	.0087	.00024
%RSD	3.4075	36.842	.85116	1.2459	.83316	.14308	1840.5
#1	-.01015	.00316	.13204	.00345	-.00007	6.0968	.00015
#2	-.00967	.00185	.13364	.00351	-.00007	6.1091	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00053	.00113	-.00425	.66644	2.7482	.00010
SDev	.00034	.00006	.00002	.00686	.00410	.0114	.00000
%RSD	70.687	11.094	1.7889	161.36	.61550	.41409	.76099
#1	.00024	.00049	.00115	-.00911	.66354	2.7401	.00010
#2	.00073	.00058	.00112	.00060	.66935	2.7562	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.525	-.00060	-.00086	-.00017	-.00040	.00170	.00131
SDev	.034	.00034	.00060	.00016	.00009	.00162	.00085
%RSD	.03930	57.653	69.742	96.459	22.717	95.802	64.905
#1	85.501	-.00035	-.00044	-.00028	-.00033	.00055	.00191
#2	85.549	-.00084	-.00128	-.00005	-.00046	.00285	.00071
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00661	-.00076	-.00019	-.00078	.00134	.00065	-.00042
SDev	.00334	.00077	.00005	.00148	.00015	.00046	.00143
%RSD	50.453	101.03	23.287	189.36	10.915	70.362	342.73
#1	.00425	-.00131	-.00016	-.00183	.00124	.00033	-.00142
#2	.00897	-.00022	-.00023	.00026	.00144	.00097	.00059
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00083	.00803
SDev	.00023	.00105
%RSD	28.276	13.069
#1	-.00099	.00877
#2	-.00066	.00729
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5897	--	--	--	--	--	--
SDev	13.15226	--	--	--	--	--	--
%RSD	.2230462	--	--	--	--	--	--
#1	5906	--	--	--	--	--	--
#2	5887	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855131/PS Operator: SW
Run Time: 09/26/08 21:11:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.926	.21476	.87833	.23251	.20924	40.799	.21139
SDev	.010	.00006	.00343	.00028	.00084	.174	.00161
%RSD	.09120	.02748	.39080	.11938	.40208	.42661	.76382
#1	10.933	.21480	.88075	.23271	.20983	40.922	.21253
#2	10.919	.21472	.87590	.23232	.20864	40.676	.21025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20828	.20794	.20866	10.406	17.090	24.175	.21062
SDev	.00034	.00133	.00041	.045	.022	.109	.00067
%RSD	.16242	.63946	.19832	.43529	.12923	.45286	.31666
#1	.20852	.20888	.20895	10.438	17.074	24.253	.21110
#2	.20804	.20700	.20837	10.374	17.106	24.098	.21015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H401.85	.20824	.20428	.20647	.20574	.22059	.20686
SDev	.17	.00014	.00396	.00041	.00160	.00282	.00264
%RSD	.04129	.06570	1.9394	.20008	.77517	1.2797	1.2750
#1	H401.73	.20814	.20708	.20676	.20687	.22258	.20872
#2	H401.97	.20834	.20148	.20618	.20462	.21859	.20499
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21762	.22207	.20928	.20781	.21585	.21765	.19425
SDev	.00411	.00218	.00048	.00345	.00159	.00029	.00236
%RSD	1.8904	.98045	.22843	1.6602	.73538	.13402	1.2133
#1	.22053	.22361	.20962	.21025	.21697	.21786	.19592
#2	.21471	.22053	.20895	.20537	.21473	.21744	.19259
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05242	.24937
SDev	.00032	.00290
%RSD	.60642	1.1629
#1	.05264	.25142
#2	.05220	.24732
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5917	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2706771	--	--	--	--	--	--
#1	5906	--	--	--	--	--	--
#2	5928	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855132/MS Operator: SW
Run Time: 09/26/08 21:16:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.400	.21137	.88469	.22361	.20239	41.365	.20294
SDev	.017	.00040	.00218	.00002	.00033	.135	.00044
%RSD	.16087	.18993	.24692	.00737	.16235	.32585	.21534
#1	10.412	.21165	.88624	.22360	.20262	41.460	.20325
#2	10.388	.21109	.88315	.22362	.20216	41.269	.20263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20310	.20381	.20618	10.111	16.521	24.240	.20499
SDev	.00033	.00029	.00006	.025	.094	.094	.00029
%RSD	.16208	.14292	.02913	.24896	.56807	.38804	.14287
#1	.20333	.20402	.20613	10.128	16.455	24.307	.20519
#2	.20287	.20360	.20622	10.093	16.587	24.174	.20478
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H415.76	.20172	.19994	.20157	.20103	.20886	.20513
SDev	.74	.00148	.00112	.00386	.00295	.00211	.00019
%RSD	.17841	.73284	.55848	1.9152	1.4658	1.0078	.09064
#1	H415.24	.20277	.20073	.20430	.20311	.21035	.20500
#2	H416.28	.20068	.19915	.19884	.19894	.20737	.20526
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20705	.20977	.20324	.20163	.20941	.20828	.20712
SDev	.00120	.00376	.00020	.00224	.00020	.00095	.00205
%RSD	.57782	1.7903	.10085	1.1089	.09611	.45789	.99039
#1	.20620	.21243	.20338	.20321	.20955	.20896	.20567
#2	.20789	.20712	.20309	.20005	.20927	.20761	.20857
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05174	.24362
SDev	.00006	.00154
%RSD	.12304	.63101
#1	.05178	.24470
#2	.05169	.24253
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5885	--	--	--	--	--	--
SDev	5.621292	--	--	--	--	--	--
%RSD	.0955210	--	--	--	--	--	--
#1	5881	--	--	--	--	--	--
#2	5889	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855133/SD Operator: SW
Run Time: 09/26/08 21:21:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.369	.20919	.88042	.22318	.20266	41.102	.20213
SDev	.018	.00211	.00017	.00044	.00064	.083	.00002
%RSD	.16912	1.0102	.01945	.19640	.31537	.20182	.01210
#1	10.357	.20769	.88054	.22287	.20221	41.043	.20215
#2	10.382	.21068	.88030	.22349	.20311	41.160	.20211
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20202	.20380	.20644	10.079	16.459	24.134	.20492
SDev	.00020	.00058	.00168	.013	.044	.076	.00050
%RSD	.10059	.28443	.81330	.13241	.26596	.31382	.24313
#1	.20188	.20339	.20525	10.070	16.428	24.080	.20457
#2	.20216	.20421	.20763	10.089	16.490	24.187	.20527
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H415.00	.20134	.20085	.20183	.20150	.20822	.20202
SDev	1.09	.00026	.00233	.00052	.00112	.00086	.00064
%RSD	.26301	.13138	1.1579	.25802	.55672	.41116	.31568
#1	H414.23	.20115	.20250	.20220	.20230	.20883	.20157
#2	H415.77	.20153	.19921	.20146	.20071	.20762	.20247
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20716	.20876	.20312	.19727	.20885	.20687	.20674
SDev	.00352	.00048	.00042	.00221	.00013	.00043	.00048
%RSD	1.7002	.22845	.20875	1.1207	.06236	.20675	.23020
#1	.20965	.20842	.20282	.19571	.20876	.20657	.20640
#2	.20467	.20910	.20342	.19883	.20894	.20717	.20708
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05133	.24188
SDev	.00000	.00207
%RSD	.00260	.85531
#1	.05133	.24334
#2	.05133	.24041
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5846	--	--	--	--	--	--
SDev	7.742958	--	--	--	--	--	--
%RSD	.1324414	--	--	--	--	--	--
#1	5852	--	--	--	--	--	--
#2	5841	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855134 Operator: SW
Run Time: 09/26/08 21:26:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03834	.00334	.79479	.01676	.00004	10.612	.00030
SDev	.00308	.00045	.00397	.00013	.00006	.039	.00008
%RSD	8.0436	13.497	.49895	.76612	153.40	.36669	26.823
#1	.03616	.00366	.79198	.01667	-.00000	10.585	.00024
#2	.04052	.00302	.79759	.01686	.00008	10.640	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00292	.00197	.01518	2.7829	5.6706	.00202
SDev	.00015	.00022	.00010	.00694	.0231	.0376	.00006
%RSD	25.639	7.4133	5.0422	45.751	.83063	.66286	3.0536
#1	.00071	.00277	.00204	.01027	2.7666	5.6440	.00206
#2	.00049	.00307	.00190	.02009	2.7993	5.6972	.00198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	396.42	-.00033	.00221	-.00090	.00013	.00839	.00466
SDev	.23	.00047	.00035	.00119	.00091	.00023	.00110
%RSD	.05796	144.86	15.782	131.59	682.45	2.7113	23.674
#1	396.25	-.00066	.00196	-.00175	-.00051	.00855	.00388
#2	396.58	.00001	.00246	-.00006	.00078	.00823	.00544
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01601	.00458	.00070	.00189	.02402	.00301	-.00049
SDev	.00293	.00112	.00017	.00168	.00017	.00016	.00020
%RSD	18.311	24.555	23.662	88.580	.72531	5.2125	41.571
#1	.01808	.00378	.00059	.00308	.02390	.00290	-.00063
#2	.01394	.00537	.00082	.00071	.02414	.00313	-.00035
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00061	.01252
SDev	.00038	.00143
%RSD	61.735	11.450
#1	-.00088	.01353
#2	-.00034	.01150
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5856	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1285884	--	--	--	--	--	--
#1	5862	--	--	--	--	--	--
#2	5851	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 09:38:14 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 21:33:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.620	.49601	.51103	.50699	.51176	25.166	.50479
SDev	.014	.00392	.00093	.00179	.00353	.006	.00129
%RSD	.05644	.78936	.18144	.35267	.68954	.02413	.25607
#1	25.630	.49324	.51038	.50573	.50927	25.162	.50388
#2	25.610	.49878	.51169	.50826	.51426	25.170	.50571
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50028	.51963	.50239	24.918	26.453	25.273	.51298
SDev	.00128	.00032	.00087	.004	.404	.121	.00281
%RSD	.25570	.06138	.17231	.01570	1.5271	.47989	.54878
#1	.49937	.51940	.50178	24.916	26.167	25.187	.51099
#2	.50118	.51985	.50300	24.921	26.738	25.359	.51497
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.298	.50752	.50710	.50786	.50761	.51307	.50263
SDev	.005	.00083	.00201	.00233	.00223	.00463	.00568
%RSD	.01829	.16422	.39744	.45900	.43853	.90304	1.1311
#1	25.301	.50693	.50853	.50951	.50918	.51634	.50665
#2	25.295	.50811	.50568	.50621	.50603	.50979	.49861
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50472	.51725	.52733	.50306	.50231	.52056	.51243
SDev	.00321	.00534	.00032	.00457	.00162	.00307	.00145
%RSD	.63625	1.0332	.05988	.90758	.32251	.59001	.28392
#1	.50699	.52103	.52755	.49983	.50345	.51838	.51346
#2	.50245	.51347	.52711	.50628	.50116	.52273	.51140
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51015	.50902
SDev	.00071	.00436
%RSD	.13961	.85746
#1	.50964	.50593
#2	.51065	.51210
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5905	--	--	--	--	--	--
SDev	28.00150	--	--	--	--	--	--
%RSD	.4742199	--	--	--	--	--	--
#1	5925	--	--	--	--	--	--
#2	5885	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 09:43:19 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 21:38:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01303	.00041	.00244	.00013	.00004	.00418	.00005
SDev	.00174	.00153	.00083	.00000	.00002	.00161	.00028
%RSD	13.387	376.30	34.224	1.2018	61.501	38.440	539.11
#1	-.01426	-.00067	.00185	.00013	.00002	.00304	-.00014
#2	-.01179	.00149	.00303	.00014	.00005	.00532	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00016	.00061	.01030	-.00749	.00141	.00010
SDev	.00037	.00015	.00022	.00347	.01022	.00244	.00007
%RSD	127.67	95.051	35.366	33.702	136.35	172.84	67.411
#1	.00003	-.00005	.00046	.00785	-.00027	-.00031	.00005
#2	.00055	-.00027	.00076	.01276	-.01472	.00313	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14764	-.00017	-.00036	.00187	.00113	-.00163	.00292
SDev	.10207	.00023	.00160	.00097	.00118	.00163	.00254
%RSD	69.137	138.85	449.37	51.600	104.01	100.10	87.169
#1	.07546	-.00000	.00077	.00256	.00196	-.00278	.00112
#2	.21981	-.00034	-.00149	.00119	.00030	-.00048	.00472
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.00268	-.00010	.00289	.00022	.00054	-.00059
SDev	.00284	.00103	.00011	.00010	.00029	.00031	.00001
%RSD	619.89	38.380	107.49	3.3335	134.03	57.132	2.3486
#1	-.00155	-.00340	-.00018	.00283	.00001	.00032	-.00058
#2	.00247	-.00195	-.00002	.00296	.00042	.00076	-.00060
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00048	.00070
SDev	.00011	.00038
%RSD	23.386	53.977
#1	-.00040	.00044
#2	-.00057	.00097
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5903	--	--	--	--	--	--
SDev	35.00178	--	--	--	--	--	--
%RSD	.5929842	--	--	--	--	--	--
#1	5927	--	--	--	--	--	--
#2	5878	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855135 Operator: SW
Run Time: 09/26/08 21:43:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9256	.00190	1.5526	.05720	.00007	32.744	.00022
SDev	.0052	.00201	.0125	.00029	.00001	.004	.00009
%RSD	.26876	105.97	.80191	.50393	20.807	.01282	38.499
#1	1.9293	.00048	1.5438	.05699	.00008	32.747	.00029
#2	1.9220	.00332	1.5614	.05740	.00006	32.741	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	.01794	.00417	1.8367	6.0614	15.824	.04967
SDev	.00043	.00081	.00009	.0107	.0693	.067	.00035
%RSD	34.838	4.5128	2.2052	.58477	1.1434	.42644	.71211
#1	.00153	.01851	.00411	1.8291	6.0124	15.776	.04942
#2	.00093	.01737	.00424	1.8443	6.1104	15.871	.04992
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H533.00	.00955	.00289	.00123	.00178	.01604	.00032
SDev	2.01	.00044	.00133	.00037	.00020	.00226	.00105
%RSD	.37721	4.5937	46.011	30.073	10.999	14.074	327.01
#1	H531.58	.00986	.00383	.00097	.00192	.01764	.00106
#2	H534.42	.00924	.00195	.00149	.00164	.01444	-.00042
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01725	.01544	.05696	-.00396	.01404	.02105	-.00174
SDev	.00006	.00335	.00117	.00152	.00011	.00006	.00102
%RSD	.36685	21.730	2.0529	38.444	.78263	.26458	58.768
#1	.01729	.01781	.05614	-.00503	.01412	.02101	-.00247
#2	.01720	.01307	.05779	-.00288	.01396	.02109	-.00102
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00088	.03091
SDev	.00002	.00063
%RSD	2.4296	2.0231
#1	-.00090	.03135
#2	-.00087	.03047
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5824	--	--	--	--	--	--
SDev	14.74324	--	--	--	--	--	--
%RSD	.2531344	--	--	--	--	--	--
#1	5835	--	--	--	--	--	--
#2	5814	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855136 Operator: SW
Run Time: 09/26/08 21:48:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01185	.14427	1.3175	.04322	.00014	39.000	.00021
SDev	.00308	.00107	.0019	.00006	.00002	.002	.00022
%RSD	26.018	.74280	.14308	.14280	13.086	.00510	104.46
#1	.01403	.14503	1.3162	.04318	.00013	38.999	.00005
#2	.00967	.14351	1.3189	.04327	.00015	39.002	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	.00098	.00060	.98087	3.4118	17.671	.40680
SDev	.00036	.00033	.00044	.01400	.0052	.027	.00079
%RSD	34.459	33.303	72.845	1.4274	.15193	.15403	.19403
#1	.00131	.00121	.00091	.97097	3.4082	17.652	.40624
#2	.00079	.00075	.00029	.99077	3.4155	17.690	.40736
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H502.99	.00592	.00052	-.00159	-.00089	.00475	.00107
SDev	.12	.00038	.00173	.00141	.00152	.00051	.00209
%RSD	.02330	6.4027	332.11	88.770	170.92	10.690	195.66
#1	H503.07	.00566	.00174	-.00059	.00019	.00511	-.00041
#2	H502.91	.00619	-.00070	-.00259	-.00196	.00439	.00254
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00730	.00347	.00085	-.00020	.00108	.00513	-.00138
SDev	.00331	.00089	.00013	.00024	.00029	.00015	.00061
%RSD	45.272	25.723	15.534	122.86	26.585	2.9167	44.519
#1	.00964	.00284	.00076	-.00037	.00088	.00524	-.00095
#2	.00497	.00410	.00095	-.00003	.00129	.00503	-.00181
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00041	.07934
SDev	.00002	.00016
%RSD	5.0080	.19662
#1	-.00039	.07923
#2	-.00042	.07945
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5879	--	--	--	--	--	--
SDev	1.166657	--	--	--	--	--	--
%RSD	.0198444	--	--	--	--	--	--
#1	5880	--	--	--	--	--	--
#2	5878	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855137 Operator: SW
Run Time: 09/26/08 21:53:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04055	.02135	.07569	.58036	.00014	245.14	-.00002
SDev	.00057	.00348	.00000	.00011	.00000	.24	.00002
%RSD	1.3983	16.321	.00170	.01953	1.1680	.09991	122.50
#1	.04095	.02382	.07569	.58044	.00014	245.32	-.00004
#2	.04014	.01889	.07569	.58028	.00014	244.97	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00219	.00181	.00008	25.166	7.0974	67.436	1.0851
SDev	.00002	.00031	.00060	.021	.0144	.065	.0008
%RSD	.67075	17.129	705.96	.08344	.20266	.09713	.06927
#1	.00220	.00159	-.00034	25.181	7.0872	67.390	1.0846
#2	.00218	.00203	.00051	25.151	7.1076	67.482	1.0856
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.610	.00166	-.00221	-.00085	-.00130	.00173	.00255
SDev	.210	.00116	.00027	.00029	.00010	.00085	.00266
%RSD	.93007	69.822	12.397	33.757	7.6920	49.265	104.54
#1	22.461	.00247	-.00240	-.00065	-.00123	.00233	.00066
#2	22.759	.00084	-.00201	-.00105	-.00137	.00113	.00443
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	.00281	.00207	.00034	.00129	.01160	.00146
SDev	.00207	.00231	.00020	.00180	.00029	.00031	.00061
%RSD	465.30	82.199	9.6971	532.11	22.157	2.6879	42.150
#1	-.00191	.00445	.00193	-.00093	.00149	.01138	.00102
#2	.00102	.00118	.00221	.00161	.00109	.01182	.00189
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.00122
SDev	.00024	.00079
%RSD	177.75	65.054
#1	.00003	.00178
#2	-.00030	.00066
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5877	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.0812175	--	--	--	--	--	--
#1	5880	--	--	--	--	--	--
#2	5873	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855138 Operator: SW
Run Time: 09/26/08 21:58:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.00029	.00657	.00019	-.00015	.18655	.00001
SDev	.00305	.00045	.00117	.00005	.00000	.01378	.00002
%RSD	373.67	153.42	17.871	25.983	.24726	7.3847	271.64
#1	.00297	-.00061	.00574	.00023	-.00015	.19630	-.00001
#2	-.00134	.00002	.00740	.00016	-.00015	.17681	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00063	.00074	.00843	-.00691	.01870	.00032
SDev	.00041	.00009	.00014	.00253	.01029	.00378	.00007
%RSD	121.88	14.122	19.018	29.991	148.80	20.186	20.815
#1	.00062	.00070	.00084	.01022	.00036	.02137	.00027
#2	.00005	.00057	.00064	.00664	-.01419	.01603	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12151	-.00047	-.00190	.00112	.00011	.00308	.00070
SDev	.01287	.00047	.00190	.00045	.00033	.00249	.00122
%RSD	10.594	100.32	99.971	40.333	294.50	80.764	174.07
#1	.13061	-.00081	-.00324	.00144	-.00012	.00132	-.00016
#2	.11241	-.00014	-.00056	.00080	.00035	.00485	.00156
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00382	.00031	-.00275	.00001	.00201	-.00115
SDev	.00365	.00191	.00023	.00057	.00057	.00028	.00123
%RSD	226.34	50.072	73.784	20.782	7856.3	13.922	107.10
#1	-.00097	.00247	.00047	-.00315	.00041	.00220	-.00028
#2	.00419	.00517	.00015	-.00235	-.00039	.00181	-.00202
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00078	-.00045
SDev	.00021	.00051
%RSD	27.480	112.26
#1	-.00063	-.00009
#2	-.00093	-.00081
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5946	--	--	--	--	--	--
SDev	38.28976	--	--	--	--	--	--
%RSD	.6439989	--	--	--	--	--	--
#1	5973	--	--	--	--	--	--
#2	5919	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855139 Operator: SW
Run Time: 09/26/08 22:03:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00534	-.00162	.00496	.00010	-.00018	.10830	-.00013
SDev	.00208	.00015	.00025	.00002	.00002	.00260	.00009
%RSD	38.927	8.9923	5.1239	18.346	10.135	2.3963	65.300
#1	.00681	-.00172	.00514	.00008	-.00016	.10646	-.00019
#2	.00387	-.00151	.00478	.00011	-.00019	.11013	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00031	.00113	.00421	-.00528	.00964	.00016
SDev	.00010	.00044	.00008	.00171	.00166	.00201	.00003
%RSD	19.777	141.15	6.7633	40.537	31.396	20.842	19.452
#1	.00060	.00000	.00107	.00542	-.00645	.00822	.00014
#2	.00045	.00062	.00118	.00301	-.00411	.01106	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06506	.00045	-.00054	.00072	.00030	.00230	-.00050
SDev	.04329	.00026	.00150	.00047	.00018	.00378	.00381
%RSD	66.530	58.414	279.06	66.259	60.958	164.47	766.27
#1	.09567	.00064	-.00159	.00105	.00017	-.00037	-.00319
#2	.03446	.00026	.00052	.00038	.00043	.00497	.00220
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00444	.00122	-.00018	.00010	.00011	.00138	-.00001
SDev	.00356	.00388	.00012	.00241	.00043	.00000	.00122
%RSD	80.199	317.38	65.342	2347.2	388.32	.03511	19338.
#1	.00192	-.00152	-.00010	-.00160	.00041	.00138	-.00087
#2	.00696	.00397	-.00027	.00181	-.00019	.00138	.00086
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00037	-.00169
SDev	.00019	.00069
%RSD	51.245	41.034
#1	-.00051	-.00218
#2	-.00024	-.00120
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5932	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0178793	--	--	--	--	--	--
#1	5932	--	--	--	--	--	--
#2	5933	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855140 Operator: SW
Run Time: 09/26/08 22:08:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03209	.00117	.02751	.02512	.00001	23.080	.00019
SDev	.00073	.00117	.00043	.00007	.00005	.025	.00007
%RSD	2.2670	100.06	1.5719	.27516	383.55	.10722	34.895
#1	.03158	.00199	.02720	.02517	-.00002	23.062	.00014
#2	.03261	.00034	.02782	.02507	.00005	23.097	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.00074	.00097	.00010	1.3882	5.8630	.00025
SDev	.00005	.00044	.00020	.00256	.0010	.0109	.00003
%RSD	7.9246	59.229	20.873	2468.4	.07372	.18578	12.476
#1	.00060	.00043	.00112	.00192	1.3875	5.8553	.00028
#2	.00053	.00105	.00083	-.00171	1.3889	5.8707	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.657	.00037	-.00049	.00140	.00077	.00231	.00389
SDev	.117	.00030	.00111	.00263	.00138	.00024	.00071
%RSD	.23592	80.620	227.58	187.87	179.51	10.280	18.210
#1	49.739	.00058	-.00127	.00326	.00175	.00214	.00338
#2	49.574	.00016	.00030	-.00046	-.00021	.00248	.00439
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00604	.00045	.00005	.00149	.00011	.00190	-.00044
SDev	.00272	.00100	.00008	.00120	.00014	.00075	.00081
%RSD	45.015	223.72	157.33	80.859	128.56	39.340	185.39
#1	.00412	.00116	.00010	.00234	.00021	.00137	.00014
#2	.00797	-.00026	-.00001	.00064	.00001	.00243	-.00101
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	-.00006
SDev	.00013	.00014
%RSD	25.334	219.25
#1	-.00060	-.00016
#2	-.00042	.00003
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5946	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0731327	--	--	--	--	--	--
#1	5949	--	--	--	--	--	--
#2	5943	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855059/PB Operator: SW
Run Time: 09/26/08 22:13:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01161	-.00008	.00247	.00008	-.00008	.02956	.00001
SDev	.00124	.00326	.00042	.00004	.00003	.00075	.00003
%RSD	10.707	3992.8	16.818	44.044	32.700	2.5473	204.55
#1	-.01249	-.00239	.00218	.00006	-.00010	.03009	-.00001
#2	-.01073	.00222	.00276	.00011	-.00006	.02903	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00024	.00101	-.00900	-.00548	.00118	.00007
SDev	.00025	.00027	.00014	.00503	.01384	.00298	.00003
%RSD	56.097	111.26	13.826	55.883	252.71	251.96	46.314
#1	.00027	.00005	.00091	-.01255	.00431	-.00092	.00005
#2	.00062	.00043	.00110	-.00544	-.01526	.00328	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10067	-.00051	-.00194	-.00007	-.00070	.00269	.00119
SDev	.04961	.00023	.00011	.00044	.00026	.00398	.00089
%RSD	49.283	45.899	5.7677	599.49	36.935	147.78	74.943
#1	.06559	-.00067	-.00202	.00024	-.00051	.00550	.00183
#2	.13575	-.00034	-.00187	-.00039	-.00088	-.00012	.00056
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00535	.00136	.00037	-.00137	.00021	.00221	-.00057
SDev	.00404	.00394	.00002	.00120	.00000	.00002	.00163
%RSD	75.557	290.11	5.8198	87.665	1.7368	.78427	284.80
#1	.00821	.00414	.00038	-.00222	.00021	.00219	.00058
#2	.00249	-.00143	.00035	-.00052	.00021	.00222	-.00172
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00098	-.00087
SDev	.00042	.00046
%RSD	42.634	52.681
#1	-.00127	-.00119
#2	-.00068	-.00055
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5967	--	--	--	--	--	--
SDev	32.66847	--	--	--	--	--	--
%RSD	.5474582	--	--	--	--	--	--
#1	5990	--	--	--	--	--	--
#2	5944	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855058/FB Operator: SW
Run Time: 09/26/08 22:18:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.397	.20976	.20762	.20912	.20823	10.220	.20587
SDev	.016	.00101	.00081	.00013	.00009	.012	.00071
%RSD	.15189	.48278	.39072	.06201	.04188	.11592	.34598
#1	10.386	.21048	.20705	.20903	.20830	10.229	.20638
#2	10.409	.20905	.20819	.20922	.20817	10.212	.20537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20627	.20648	.20729	10.195	11.041	10.280	.20731
SDev	.00033	.00070	.00040	.017	.008	.017	.00017
%RSD	.15848	.33934	.19273	.16518	.07469	.16788	.08275
#1	.20650	.20697	.20701	10.207	11.035	10.292	.20743
#2	.20604	.20598	.20757	10.183	11.046	10.268	.20719
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.575	.20369	.20340	.20612	.20521	.20875	.20082
SDev	.056	.00029	.00120	.00302	.00241	.00447	.00290
%RSD	.53377	.14439	.59154	1.4644	1.1763	2.1391	1.4448
#1	10.535	.20390	.20425	.20825	.20692	.20559	.19877
#2	10.615	.20348	.20255	.20398	.20350	.21190	.20288
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20792	.20916	.20617	.20087	.20398	.20884	.20673
SDev	.00873	.00233	.00041	.00258	.00101	.00121	.00103
%RSD	4.1975	1.1160	.19700	1.2821	.49630	.58023	.49787
#1	.20175	.20751	.20589	.19905	.20470	.20970	.20746
#2	.21409	.21081	.20646	.20269	.20326	.20798	.20601
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05149	.20762
SDev	.00044	.00085
%RSD	.85724	.40711
#1	.05180	.20822
#2	.05118	.20703
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5914	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0053824	--	--	--	--	--	--
#1	5914	--	--	--	--	--	--
#2	5915	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855037 Operator: SW
Run Time: 09/26/08 22:23:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00206	.00410	.32699	.05489	.00007	154.49	.00012
SDev	.00450	.00009	.00086	.00008	.00000	.12	.00014
%RSD	218.96	2.2766	.26324	.14997	3.6552	.07867	116.25
#1	-.00524	.00403	.32760	.05495	.00007	154.58	.00002
#2	.00113	.00416	.32638	.05483	.00007	154.40	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	.00089	.00095	2.0621	3.6857	65.814	.43504
SDev	.00033	.00057	.00003	.0003	.0209	.135	.00099
%RSD	12.073	63.398	3.1220	.01271	.56594	.20568	.22691
#1	.00250	.00129	.00097	2.0623	3.7005	65.910	.43574
#2	.00297	.00049	.00093	2.0619	3.6710	65.719	.43434
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	161.98	.00348	.00156	.00164	.00162	.00314	.00526
SDev	.56	.00007	.00060	.00060	.00060	.00413	.00047
%RSD	.34358	2.0944	38.678	36.564	37.245	131.50	8.9743
#1	162.38	.00343	.00199	.00207	.00204	.00607	.00559
#2	161.59	.00353	.00114	.00122	.00119	.00022	.00492
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00403	.00270	.00039	-.00117	.00019	.06111	-.00051
SDev	.00412	.00414	.00037	.00033	.00000	.00019	.00083
%RSD	102.26	153.31	94.801	27.739	1.2147	.31385	163.85
#1	.00694	.00563	.00013	-.00140	.00020	.06097	-.00110
#2	.00112	-.00023	.00065	-.00094	.00019	.06124	.00008
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00079	.01776
SDev	.00024	.00116
%RSD	30.269	6.5458
#1	-.00062	.01858
#2	-.00096	.01693
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5826	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1820470	--	--	--	--	--	--
#1	5819	--	--	--	--	--	--
#2	5834	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855038 Operator: SW
Run Time: 09/26/08 22:28:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03683	-.00206	.13193	.16222	.00066	804.99	.00002
SDev	.00146	.00071	.00026	.00060	.00001	.98	.00002
%RSD	3.9794	34.371	.19631	.37256	.75416	.12139	96.979
#1	.03786	-.00156	.13175	.16179	.00066	805.68	.00004
#2	.03579	-.00256	.13212	.16265	.00066	804.30	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00196	.00026	1.3385	8.0259	71.905	.50354
SDev	.00014	.00045	.00005	.0097	.0569	.152	.00131
%RSD	15.204	22.891	17.874	.72174	.70856	.21164	.26062
#1	.00101	.00227	.00029	1.3317	7.9857	71.797	.50261
#2	.00081	.00164	.00023	1.3454	8.0661	72.013	.50447
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	294.81	.00237	-.00271	.00029	-.00071	-.00112	.00279
SDev	.39	.00029	.00067	.00081	.00032	.00223	.00201
%RSD	.13164	12.146	24.645	275.64	44.925	198.56	72.196
#1	294.54	.00258	-.00223	-.00028	-.00093	.00045	.00137
#2	295.09	.00217	-.00318	.00086	-.00048	-.00269	.00421
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	-.00237	.00105	.00277	.00031	.00956	-.00065
SDev	.00165	.00251	.00033	.00042	.00015	.00059	.00294
%RSD	120.45	106.23	31.182	15.251	48.653	6.1797	455.17
#1	.00254	-.00059	.00128	.00248	.00020	.00998	.00143
#2	.00020	-.00414	.00082	.00307	.00041	.00915	-.00273
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00065	.00077
SDev	.00008	.00053
%RSD	11.620	68.575
#1	-.00060	.00040
#2	-.00070	.00115
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5741	--	--	--	--	--	--
SDev	14.95524	--	--	--	--	--	--
%RSD	.2604977	--	--	--	--	--	--
#1	5752	--	--	--	--	--	--
#2	5730	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 10:40:30 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 22:35:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.615	.49534	.50874	.50843	.51446	25.157	.50094
SDev	.004	.00078	.00369	.00021	.00040	.027	.00026
%RSD	.01604	.15762	.72592	.04058	.07809	.10791	.05179
#1	25.612	.49589	.50613	.50858	.51475	25.176	.50112
#2	25.618	.49478	.51135	.50828	.51418	25.138	.50075
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49972	.51912	.50517	24.844	26.603	25.312	.51417
SDev	.00147	.00012	.00021	.033	.071	.014	.00059
%RSD	.29523	.02298	.04130	.13314	.26718	.05639	.11522
#1	.50076	.51904	.50532	24.868	26.654	25.323	.51459
#2	.49867	.51921	.50502	24.821	26.553	25.302	.51375
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.195	.50479	.50554	.50470	.50498	.50351	.50110
SDev	.094	.00021	.00316	.00021	.00091	.00099	.00231
%RSD	.37223	.04208	.62477	.04257	.17989	.19619	.46184
#1	25.129	.50464	.50777	.50455	.50562	.50421	.50273
#2	25.262	.50494	.50331	.50485	.50434	.50281	.49946
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49654	.50701	.52751	.49555	.50014	.51997	.50675
SDev	.00903	.00303	.00027	.00265	.00018	.00013	.00313
%RSD	1.8182	.59804	.05143	.53584	.03576	.02450	.61839
#1	.50292	.50486	.52770	.49368	.50001	.52006	.50453
#2	.49016	.50915	.52731	.49743	.50026	.51988	.50896
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.51106	.51150
SDev	.00031	.00392
%RSD	.06013	.76585
#1	.51084	.50873
#2	.51128	.51427
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5917	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.1774568	--	--	--	--	--	--
#1	5925	--	--	--	--	--	--
#2	5910	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 10:45:35 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 22:40:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01608	.00013	.00120	.00030	.00011	.03020	.00026
SDev	.00381	.00152	.00070	.00002	.00008	.01096	.00009
%RSD	23.705	1158.9	58.135	5.9354	78.167	36.288	32.947
#1	-.01878	.00121	.00070	.00028	.00005	.02245	.00020
#2	-.01339	-.00094	.00169	.00031	.00017	.03795	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00050	.00130	.00604	-.00634	.01242	.00028
SDev	.00050	.00013	.00026	.00601	.00906	.00693	.00000
%RSD	57.502	26.536	19.807	99.603	142.83	55.786	.08703
#1	.00121	.00041	.00148	.01029	.00006	.00752	.00028
#2	.00051	.00060	.00112	.00178	-.01275	.01732	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26870	-.00063	-.00217	.00013	-.00064	.00144	.00278
SDev	.00850	.00077	.00066	.00181	.00142	.00160	.00118
%RSD	3.1617	122.10	30.282	1422.7	223.34	111.04	42.491
#1	.26269	-.00118	-.00170	.00140	.00037	.00257	.00361
#2	.27470	-.00009	-.00263	-.00115	-.00164	.00031	.00194
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00360	.00036	.00019	.00033	.00011	.00054	-.00131
SDev	.00259	.00369	.00001	.00138	.00014	.00060	.00020
%RSD	71.869	1027.2	5.8251	419.01	123.43	111.44	15.515
#1	.00177	.00297	.00018	-.00065	.00001	.00011	-.00117
#2	.00543	-.00225	.00020	.00131	.00022	.00096	-.00145
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00072	.00169
SDev	.00107	.00148
%RSD	148.07	88.088
#1	.00003	.00274
#2	-.00148	.00064
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5908	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0179537	--	--	--	--	--	--
#1	5907	--	--	--	--	--	--
#2	5908	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855039 Operator: SW
Run Time: 09/26/08 22:45:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0420	.00667	.08678	.09754	.00021	122.64	.00015
SDev	.0010	.00142	.00139	.00012	.00006	.65	.00012
%RSD	.09348	21.215	1.6021	.11874	29.489	.52852	76.609
#1	1.0413	.00767	.08580	.09745	.00016	122.19	.00023
#2	1.0427	.00567	.08776	.09762	.00025	123.10	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	.00656	.00324	1.6771	3.6252	39.568	.31162
SDev	.00018	.00055	.00009	.0045	.0282	.298	.00185
%RSD	15.823	8.3058	2.7765	.26963	.77803	.75251	.59310
#1	.00103	.00694	.00317	1.6739	3.6052	39.358	.31032
#2	.00129	.00617	.00330	1.6803	3.6451	39.779	.31293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	355.48	.00441	.00602	.00532	.00556	.00320	.00113
SDev	.31	.00028	.00092	.00125	.00114	.00481	.00149
%RSD	.08644	6.2539	15.297	23.530	20.558	150.01	131.94
#1	355.70	.00460	.00537	.00444	.00475	.00660	.00219
#2	355.26	.00421	.00667	.00621	.00636	-.00019	.00008
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00642	.00160	.03130	-.00073	.00233	.05905	-.00136
SDev	.00711	.00366	.00069	.00211	.00014	.00073	.00082
%RSD	110.70	229.14	2.2185	289.84	5.9274	1.2374	59.959
#1	.01145	.00418	.03179	.00077	.00223	.05854	-.00079
#2	.00140	-.00099	.03081	-.00222	.00243	.05957	-.00194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00096	.00720
SDev	.00010	.00134
%RSD	10.198	18.563
#1	-.00103	.00626
#2	-.00089	.00815
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5838	--	--	--	--	--	--
SDev	17.60689	--	--	--	--	--	--
%RSD	.3016144	--	--	--	--	--	--
#1	5825	--	--	--	--	--	--
#2	5850	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855040 Operator: SW
Run Time: 09/26/08 22:50:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02188	.00067	.43984	.04617	.00008	172.39	.00055
SDev	.00240	.00106	.00184	.00005	.00004	.10	.00010
%RSD	10.962	157.27	.41864	.11640	50.279	.05764	18.795
#1	.02018	.00142	.44114	.04621	.00011	172.46	.00048
#2	.02357	-.00008	.43854	.04614	.00005	172.32	.00063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	.00293	.00444	.06484	.49047	70.171	.66342
SDev	.00011	.00000	.00038	.01291	.00660	.214	.00190
%RSD	4.4125	.08946	8.6678	19.909	1.3467	.30476	.28649
#1	.00252	.00293	.00416	.05571	.49514	70.322	.66477
#2	.00237	.00293	.00471	.07396	.48580	70.019	.66208
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.853	.00582	-.00113	.00141	.00056	.00385	.00079
SDev	.045	.00064	.00010	.00045	.00034	.00036	.00044
%RSD	.04686	11.015	9.1136	32.022	59.685	9.2420	55.689
#1	96.821	.00536	-.00106	.00173	.00080	.00411	.00048
#2	96.886	.00627	-.00121	.00109	.00032	.00360	.00111
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00868	.00144	.00103	-.00206	.00094	.11987	-.00046
SDev	.00254	.00181	.00030	.00059	.00015	.00024	.00061
%RSD	29.311	125.27	28.998	28.445	15.571	.20374	132.14
#1	.00688	.00272	.00124	-.00165	.00105	.12004	-.00003
#2	.01048	.00016	.00082	-.00248	.00084	.11969	-.00090
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00062	.01504
SDev	.00000	.00183
%RSD	.66404	12.172
#1	-.00062	.01634
#2	-.00061	.01375
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5874	--	--	--	--	--	--
SDev	4.560632	--	--	--	--	--	--
%RSD	.0776459	--	--	--	--	--	--
#1	5870	--	--	--	--	--	--
#2	5877	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855041 Operator: SW
Run Time: 09/26/08 22:55:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00470	.32781	.05496	.00001	154.88	.00013
SDev	.00131	.00063	.00020	.00011	.00006	.35	.00010
%RSD	276.34	13.321	.05988	.19297	602.24	.22622	74.716
#1	.00045	.00515	.32795	.05489	.00005	155.13	.00021
#2	-.00140	.00426	.32767	.05504	-.00003	154.63	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00289	.00092	.00099	2.0932	3.6850	65.814	.43488
SDev	.00013	.00053	.00040	.0075	.0065	.175	.00065
%RSD	4.4832	57.599	40.369	.35673	.17751	.26537	.14920
#1	.00280	.00129	.00127	2.0985	3.6896	65.937	.43534
#2	.00298	.00054	.00070	2.0880	3.6804	65.690	.43442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	162.11	.00368	.00124	.00223	.00190	.00261	.00212
SDev	.21	.00005	.00064	.00052	.00056	.00171	.00197
%RSD	.12731	1.3321	51.415	23.261	29.395	65.737	92.702
#1	162.26	.00364	.00079	.00186	.00151	.00382	.00352
#2	161.97	.00371	.00170	.00260	.00230	.00140	.00073
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00580	.00101	.00058	-.00118	.00009	.06126	-.00137
SDev	.00048	.00233	.00010	.00044	.00015	.00037	.00205
%RSD	8.2483	229.91	17.176	37.276	168.45	.61110	149.41
#1	.00613	.00266	.00051	-.00149	.00019	.06152	.00008
#2	.00546	-.00063	.00065	-.00087	-.00002	.06100	-.00282
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00087	.01538
SDev	.00002	.00062
%RSD	1.7286	4.0327
#1	-.00086	.01582
#2	-.00088	.01494
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5843	--	--	--	--	--	--
SDev	20.89487	--	--	--	--	--	--
%RSD	.3576311	--	--	--	--	--	--
#1	5828	--	--	--	--	--	--
#2	5857	--	--	--	--	--	--

Analysis Report 09/26/08 11:05:51 PM page 1

Method: TRACE1 Sample Name: AD855042 Operator: SW
Run Time: 09/26/08 23:00:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14726	-.00062	.10638	.09613	.00050	866.83	.00020
SDev	.00139	.00080	.00031	.00007	.00000	1.26	.00004
%RSD	.94493	128.34	.29416	.06871	.01056	.14514	19.421
#1	.14825	-.00006	.10616	.09608	.00050	867.72	.00018
#2	.14628	-.00119	.10660	.09618	.00050	865.94	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.01161	.00163	.35782	11.518	88.537	.19931
SDev	.00020	.00049	.00048	.01034	.052	.092	.00016
%RSD	20.596	4.1802	29.385	2.8889	.45179	.10384	.08112
#1	.00084	.01127	.00129	.35051	11.481	88.602	.19919
#2	.00113	.01195	.00197	.36513	11.555	88.472	.19942
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	259.10	.01378	-.00105	.00191	.00093	.00146	-.00092
SDev	.42	.00017	.00141	.00006	.00051	.00236	.00141
%RSD	.16236	1.2269	133.79	3.3872	55.244	161.82	154.26
#1	258.80	.01390	-.00204	.00187	.00056	-.00021	-.00192
#2	259.40	.01366	-.00006	.00196	.00129	.00313	.00008
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00408	.00015	.00495	.00086	.00076	.00733	-.00011
SDev	.00959	.00126	.00027	.00017	.00015	.00015	.00148
%RSD	234.92	858.16	5.4342	20.200	19.522	2.0140	1387.5
#1	-.00270	.00103	.00476	.00099	.00065	.00723	-.00115
#2	.01087	-.00074	.00514	.00074	.00086	.00744	.00094
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00065	.00260
SDev	.00015	.00048
%RSD	22.401	18.418
#1	-.00075	.00226
#2	-.00055	.00294
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5689	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1025427	--	--	--	--	--	--
#1	5685	--	--	--	--	--	--
#2	5693	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855043 Operator: SW
Run Time: 09/26/08 23:05:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07799	.00229	.13001	.17843	.00041	534.15	.00011
SDev	.00398	.00173	.00012	.00018	.00006	1.89	.00009
%RSD	5.1012	75.437	.09348	.10008	14.610	.35373	85.118
#1	.07518	.00351	.12993	.17830	.00037	532.81	.00004
#2	.08080	.00107	.13010	.17856	.00045	535.49	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	.01581	.00172	.53737	6.7771	54.494	.39912
SDev	.00010	.00003	.00026	.01190	.0390	.273	.00187
%RSD	2.2706	.15821	15.365	2.2148	.57553	.50152	.46759
#1	.00410	.01583	.00153	.52895	6.7495	54.301	.39780
#2	.00423	.01579	.00191	.54578	6.8047	54.688	.40044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	303.59	.08309	.00043	-.00177	-.00104	.00114	.00179
SDev	.39	.00034	.00265	.00052	.00054	.00279	.00059
%RSD	.12686	.41414	615.84	29.151	51.869	245.41	32.993
#1	303.86	.08284	.00230	-.00213	-.00066	.00311	.00221
#2	303.32	.08333	-.00144	-.00140	-.00142	-.00084	.00137
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	-.00059	.00221	.00259	.00032	.01427	-.00126
SDev	.00025	.00431	.00025	.00392	.00044	.00001	.00125
%RSD	5.4447	734.71	11.262	151.55	136.15	.09611	99.359
#1	.00441	.00246	.00204	.00536	.00063	.01426	-.00037
#2	.00476	-.00363	.00239	-.00019	.00001	.01428	-.00214
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00106	.00337
SDev	.00054	.00052
%RSD	50.941	15.588
#1	-.00144	.00300
#2	-.00068	.00374
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5778	--	--	--	--	--	--
SDev	5.196959	--	--	--	--	--	--
%RSD	.0899427	--	--	--	--	--	--
#1	5782	--	--	--	--	--	--
#2	5774	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855044 Operator: SW
Run Time: 09/26/08 23:10:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00313	.00181	.07871	.15850	.00020	306.29	.00018
SDev	.00325	.00098	.00150	.00040	.00009	1.04	.00010
%RSD	103.95	54.516	1.9082	.25114	43.381	.33938	53.633
#1	-.00083	.00111	.07977	.15878	.00027	307.03	.00011
#2	-.00543	.00250	.07765	.15822	.00014	305.56	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	.01085	.00099	3.7518	5.7053	65.083	.37397
SDev	.00079	.00038	.00033	.0184	.0312	.334	.00104
%RSD	26.494	3.5257	33.643	.49039	.54717	.51365	.27792
#1	.00354	.01112	.00075	3.7648	5.7273	65.319	.37470
#2	.00242	.01058	.00122	3.7388	5.6832	64.846	.37323
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H555.41	.01410	-.00266	.00127	-.00004	-.00022	.00384
SDev	.45	.00042	.00071	.00082	.00031	.00160	.00032
%RSD	.08174	3.0065	26.626	64.282	764.30	736.98	8.3202
#1	H555.73	.01440	-.00316	.00185	.00018	.00091	.00362
#2	H555.09	.01380	-.00216	.00069	-.00026	-.00135	.00407
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00488	-.00277	.00054	-.00273	.00046	.04438	-.00213
SDev	.00288	.00096	.00017	.00173	.00014	.00128	.00064
%RSD	59.068	34.565	30.805	63.120	31.017	2.8751	29.894
#1	.00692	-.00209	.00042	-.00396	.00036	.04528	-.00258
#2	.00284	-.00344	.00066	-.00151	.00056	.04348	-.00168
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00069	.00382
SDev	.00054	.00016
%RSD	78.064	4.2536
#1	-.00031	.00393
#2	-.00107	.00370
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5780	--	--	--	--	--	--
SDev	25.66818	--	--	--	--	--	--
%RSD	.4440670	--	--	--	--	--	--
#1	5762	--	--	--	--	--	--
#2	5798	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855045 Operator: SW
Run Time: 09/26/08 23:16:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00045	.06910	.13654	.00017	281.16	.00025
SDev	.00408	.00014	.00028	.00012	.00004	.42	.00005
%RSD	118.47	31.383	.41167	.08738	25.478	.15087	18.560
#1	.00632	-.00055	.06890	.13645	.00020	281.46	.00022
#2	.00056	-.00035	.06930	.13662	.00014	280.86	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00147	.00165	1.0654	9.9526	59.040	.41826
SDev	.00017	.00019	.00005	.0016	.0138	.058	.00005
%RSD	14.708	13.182	3.0235	.15013	.13819	.09754	.01232
#1	.00126	.00134	.00162	1.0643	9.9623	59.080	.41822
#2	.00102	.00161	.00169	1.0665	9.9429	58.999	.41829
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H474.93	.00258	.00064	.00398	.00287	.00108	.00169
SDev	.14	.00025	.00008	.00290	.00196	.00304	.00120
%RSD	.02943	9.7400	12.069	72.888	68.335	281.38	70.720
#1	H475.03	.00276	.00070	.00603	.00426	-.00107	.00085
#2	H474.83	.00240	.00059	.00193	.00148	.00323	.00254
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	.00240	.00107	-.00020	.00042	.04691	.00045
SDev	.00351	.00280	.00027	.00483	.00000	.00051	.00187
%RSD	223.36	116.57	25.369	2444.3	.02661	1.0806	419.46
#1	-.00405	.00042	.00126	.00322	.00042	.04727	.00177
#2	.00091	.00439	.00087	-.00361	.00042	.04655	-.00088
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00046	.00505
SDev	.00017	.00089
%RSD	36.650	17.720
#1	-.00034	.00442
#2	-.00058	.00568
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5784	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.0971942	--	--	--	--	--	--
#1	5780	--	--	--	--	--	--
#2	5788	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855046 Operator: SW
Run Time: 09/26/08 23:21:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41457	-.00023	.14521	.04168	.00000	172.13	.00029
SDev	.00450	.00079	.00032	.00030	.00001	.41	.00018
%RSD	1.0864	340.04	.22245	.70871	621.17	.24090	63.057
#1	.41775	-.00079	.14544	.04147	-.00001	171.84	.00042
#2	.41139	.00032	.14498	.04189	.00001	172.43	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.07013	.00647	1.1356	.64170	30.452	.02939
SDev	.00001	.00015	.00020	.0108	.00022	.203	.00015
%RSD	1.4965	.21676	3.0464	.95137	.03436	.66586	.49547
#1	.00095	.07003	.00661	1.1280	.64185	30.309	.02929
#2	.00097	.07024	.00633	1.1432	.64154	30.595	.02950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.514	.01837	-.00102	.00159	.00072	.00125	.00284
SDev	.201	.00110	.00072	.00151	.00124	.00369	.00330
%RSD	.36135	5.9788	70.590	94.514	171.59	295.60	116.18
#1	55.373	.01760	-.00051	.00266	.00160	-.00136	.00051
#2	55.656	.01915	-.00152	.00053	-.00015	.00386	.00517
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00578	-.00101	.00885	-.00021	.00102	.01634	-.00122
SDev	.00335	.00387	.00028	.00086	.00001	.00022	.00061
%RSD	57.973	381.20	3.1813	404.46	.64734	1.3448	49.715
#1	.00341	-.00375	.00905	.00040	.00102	.01650	-.00165
#2	.00815	.00172	.00865	-.00082	.00103	.01619	-.00079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00104	.00587
SDev	.00027	.00039
%RSD	25.577	6.6622
#1	-.00085	.00615
#2	-.00123	.00560
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5818	--	--	--	--	--	--
SDev	28.63782	--	--	--	--	--	--
%RSD	.4922491	--	--	--	--	--	--
#1	5838	--	--	--	--	--	--
#2	5798	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855047 Operator: SW
Run Time: 09/26/08 23:26:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48028	.00109	.11114	.13759	.00089	507.18	-.00020
SDev	.00406	.00045	.00001	.00109	.00001	.93	.00027
%RSD	.84496	41.553	.00872	.79543	1.5892	.18304	136.99
#1	.48315	.00077	.11114	.13682	.00088	506.53	-.00039
#2	.47741	.00140	.11115	.13837	.00090	507.84	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.01927	.00221	3.4344	5.5818	61.648	.64758
SDev	.00052	.00049	.00010	.0181	.0820	.444	.00424
%RSD	51.001	2.5451	4.3791	.52669	1.4699	.72089	.65403
#1	.00065	.01962	.00215	3.4216	5.5238	61.334	.64458
#2	.00138	.01893	.00228	3.4471	5.6398	61.963	.65057
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	324.11	.01375	-.00097	.00326	.00185	.00023	.00048
SDev	1.04	.00084	.00272	.00404	.00179	.00184	.00049
%RSD	.32239	6.1356	279.79	124.02	96.805	814.80	103.27
#1	323.37	.01316	.00095	.00040	.00058	-.00107	.00013
#2	324.85	.01435	-.00289	.00612	.00312	.00152	.00082
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	-.00079	.00275	-.00229	.00085	.01132	-.00157
SDev	.00047	.00252	.00055	.00208	.00031	.00070	.00021
%RSD	20.647	319.45	19.815	90.973	36.104	6.1509	13.336
#1	.00193	-.00257	.00237	-.00082	.00107	.01083	-.00172
#2	.00259	.00099	.00314	-.00376	.00063	.01181	-.00142
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00050	.00258
SDev	.00078	.00049
%RSD	157.33	19.010
#1	-.00105	.00293
#2	.00006	.00224
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5447	--	--	--	--	--	--
SDev	19.83421	--	--	--	--	--	--
%RSD	.3641492	--	--	--	--	--	--
#1	5461	--	--	--	--	--	--
#2	5433	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855048 Operator: SW
Run Time: 09/26/08 23:31:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12305	.00061	.08852	.05367	.00038	499.46	-.00001
SDev	.00021	.00120	.00080	.00031	.00005	2.19	.00031
%RSD	.17402	196.82	.90824	.57012	13.387	.43754	3052.7
#1	.12320	.00146	.08795	.05389	.00042	501.01	.00021
#2	.12290	-.00024	.08909	.05346	.00034	497.92	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.01363	.00339	1.4000	3.5315	85.078	.43109
SDev	.00018	.00006	.00041	.0077	.0395	.460	.00218
%RSD	13.529	.42474	12.171	.55054	1.1189	.54046	.50515
#1	.00124	.01359	.00368	1.4054	3.5594	85.403	.43263
#2	.00150	.01367	.00309	1.3945	3.5035	84.753	.42955
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	239.61	.02340	-.00033	.00196	.00120	.00349	.00276
SDev	.36	.00040	.00004	.00169	.00114	.00108	.00115
%RSD	.14978	1.6958	10.902	86.302	95.317	30.869	41.638
#1	239.87	.02368	-.00036	.00076	.00039	.00273	.00358
#2	239.36	.02312	-.00031	.00315	.00200	.00426	.00195
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00613	.00218	.00264	-.00073	-.00000	.01172	-.00183
SDev	.00079	.00201	.00013	.00285	.00030	.00019	.00062
%RSD	12.959	92.627	5.0021	389.11	19772.	1.6470	34.134
#1	.00669	.00075	.00274	.00128	.00021	.01185	-.00139
#2	.00557	.00360	.00255	-.00274	-.00021	.01158	-.00227
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00066	.00388
SDev	.00071	.00054
%RSD	108.60	13.947
#1	-.00015	.00427
#2	-.00116	.00350
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5708	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.2973223	--	--	--	--	--	--
#1	5696	--	--	--	--	--	--
#2	5720	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 11:42:49 PM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/26/08 23:37:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.482	.52714	.53937	.54463	Q.55297	26.848	.53176
SDev	.004	.00010	.00065	.00027	.00088	.023	.00018
%RSD	.01346	.01901	.12150	.04958	.15978	.08533	.03478
#1	27.485	.52721	.53891	.54483	Q.55234	26.832	.53163
#2	27.480	.52706	.53984	.54444	Q.55359	26.864	.53189
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53430	Q.55629	.54165	26.527	Q28.104	27.020	.54974
SDev	.00063	.00092	.00091	.030	.057	.067	.00073
%RSD	.11750	.16555	.16847	.11194	.20304	.24705	.13257
#1	.53385	Q.55564	.54230	26.506	Q28.145	26.973	.54922
#2	.53474	Q.55694	.54101	26.548	Q28.064	27.067	Q.55025
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.949	.53752	.53890	.53623	.53712	.54204	.53898
SDev	.017	.00086	.00031	.00043	.00018	.00662	.00127
%RSD	.06490	.16047	.05800	.07975	.03373	1.2208	.23493
#1	26.937	.53691	.53868	.53653	.53725	.53736	.53988
#2	26.962	.53813	.53912	.53593	.53699	.54672	.53809
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53561	.54526	Q.56450	.51743	.53532	Q.55425	.53991
SDev	.00816	.00584	.00002	.00157	.00181	.00012	.00047
%RSD	1.5243	1.0717	.00410	.30388	.33737	.02194	.08691
#1	.52983	.54113	Q.56452	.51855	.53405	Q.55416	.54024
#2	.54138	.54939	Q.56449	.51632	.53660	Q.55433	.53958
Errors	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Fail	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.54636	Q.55044
SDev	.00087	.00422
%RSD	.15933	.76743
#1	.54575	.54745
#2	.54698	Q.55343

Errors	QC Pass	QC Fail
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5562	--	--	--	--	--	--
SDev	10.81894	--	--	--	--	--	--
%RSD	.1945100	--	--	--	--	--	--
#1	5570	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 11:47:54 PM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/26/08 23:42:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01526	.00039	.00148	.00022	.00051	.02334	.00042
SDev	.00443	.00215	.00114	.00002	.00007	.00109	.00030
%RSD	29.064	557.92	77.398	9.3411	14.617	4.6852	72.729
#1	-.01212	.00191	.00228	.00023	.00057	.02256	.00063
#2	-.01839	-.00114	.00067	.00020	.00046	.02411	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00033	.00189	.00227	-.01749	.01328	.00031
SDev	.00049	.00023	.00062	.00090	.04770	.00447	.00007
%RSD	86.002	69.711	32.637	39.861	272.67	33.670	22.863
#1	.00092	.00049	.00233	.00291	.01623	.01644	.00036
#2	.00022	.00017	.00146	.00163	-.05122	.01012	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18593	-.00094	.00015	.00100	.00071	.00358	.00319
SDev	.08391	.00033	.00026	.00104	.00078	.00027	.00028
%RSD	45.129	35.510	173.64	104.19	108.95	7.5890	8.8661
#1	.24526	-.00070	.00033	.00173	.00126	.00377	.00339
#2	.12660	-.00117	-.00003	.00026	.00016	.00338	.00299
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.00422	-.00004	-.00131	.00026	.00030	-.00028
SDev	.00303	.00111	.00023	.00245	.00031	.00017	.00064
%RSD	132.53	26.320	554.53	186.07	120.12	55.352	227.27
#1	.00444	.00343	.00012	.00042	.00047	.00042	.00017
#2	.00014	.00500	-.00021	-.00305	.00004	.00018	-.00074
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00096	-.00001
SDev	.00099	.00034
%RSD	103.03	4846.6
#1	-.00026	-.00025
#2	-.00166	.00024
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5533	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.4600565	--	--	--	--	--	--
#1	5515	--	--	--	--	--	--
#2	5551	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855049 Operator: SW
Run Time: 09/26/08 23:47:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06431	.00242	.08453	.11101	.00062	274.44	-.00006
SDev	.00306	.00045	.00056	.00035	.00000	.18	.00008
%RSD	4.7597	18.563	.65627	.31844	.06302	.06541	134.37
#1	.06215	.00274	.08492	.11076	.00062	274.31	-.00011
#2	.06648	.00211	.08414	.11126	.00062	274.56	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	.01172	.00132	1.1006	5.2940	49.212	.12562
SDev	.00027	.00023	.00041	.0038	.0252	.132	.00053
%RSD	14.767	1.9984	31.026	.34784	.47687	.26773	.42482
#1	.00203	.01188	.00161	1.0979	5.2762	49.119	.12524
#2	.00165	.01155	.00103	1.1033	5.3119	49.305	.12599
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H558.21	.01019	.00065	.00210	.00162	.00270	-.00023
SDev	.20	.00025	.00127	.00129	.00044	.00021	.00153
%RSD	.03646	2.4508	195.67	61.640	27.393	7.9223	672.43
#1	H558.07	.01002	.00154	.00119	.00130	.00285	.00085
#2	H558.35	.01037	-.00025	.00302	.00193	.00255	-.00131
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01035	-.00113	.00166	-.00007	.00024	.09310	-.00164
SDev	.00014	.00025	.00022	.00029	.00031	.00007	.00022
%RSD	1.3787	22.090	13.385	437.71	130.03	.07330	13.398
#1	.01045	-.00095	.00181	-.00027	.00045	.09315	-.00149
#2	.01025	-.00130	.00150	.00014	.00002	.09305	-.00180
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00108	.00470
SDev	.00021	.00089
%RSD	19.578	18.848
#1	-.00093	.00533
#2	-.00123	.00408
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5532	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.0977886	--	--	--	--	--	--
#1	5535	--	--	--	--	--	--
#2	5528	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855050 Operator: SW
Run Time: 09/26/08 23:53:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59198	.00223	.03751	.05260	.00031	119.88	.00002
SDev	.00436	.00034	.00037	.00004	.00001	.20	.00012
%RSD	.73616	15.252	.98788	.07465	4.0442	.16525	501.96
#1	.58890	.00199	.03777	.05263	.00032	119.74	-.00006
#2	.59506	.00247	.03724	.05257	.00030	120.02	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00992	.00319	.78715	4.0842	33.687	.02140
SDev	.00014	.00023	.00038	.00772	.0375	.071	.00002
%RSD	29.182	2.2974	11.736	.98068	.91771	.21016	.08978
#1	.00038	.00976	.00346	.78169	4.1107	33.737	.02142
#2	.00058	.01008	.00293	.79260	4.0577	33.637	.02139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	174.33	.02232	.00134	.00775	.00562	.00545	.00177
SDev	.12	.00007	.00056	.00080	.00072	.00178	.00034
%RSD	.07009	.32886	41.787	10.314	12.819	32.655	19.025
#1	174.25	.02227	.00095	.00719	.00511	.00671	.00153
#2	174.42	.02237	.00174	.00832	.00613	.00419	.00200
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00797	.01345	-.00205	.00129	.06536	-.00091
SDev	.00671	.00069	.00054	.00047	.00030	.00020	.00128
%RSD	1618.7	8.6119	4.0090	23.118	23.400	.30834	140.85
#1	.00516	.00748	.01307	-.00172	.00107	.06522	-.00000
#2	-.00433	.00845	.01383	-.00239	.00150	.06550	-.00182
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00090	.00268
SDev	.00052	.00029
%RSD	57.356	10.803
#1	-.00126	.00288
#2	-.00053	.00248
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5631	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0659237	--	--	--	--	--	--
#1	5634	--	--	--	--	--	--
#2	5629	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855051 Operator: SW
Run Time: 09/26/08 23:58:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25231	.00063	.08326	.01684	.00070	543.35	.00013
SDev	.00015	.00142	.00041	.00006	.00002	.26	.00002
%RSD	.05966	223.61	.49253	.37847	3.4805	.04770	16.554
#1	.25221	-.00037	.08297	.01680	.00071	543.53	.00012
#2	.25242	.00164	.08355	.01689	.00068	543.17	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01582	.12215	.00364	.76507	4.7526	69.025	.27702
SDev	.00030	.00003	.00044	.00156	.0320	.084	.00052
%RSD	1.8939	.02199	12.159	.20401	.67379	.12126	.18876
#1	.01561	.12213	.00395	.76618	4.7300	68.966	.27665
#2	.01603	.12217	.00333	.76397	4.7753	69.084	.27739
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	290.48	1.4294	-.00056	.00020	-.00006	.00139	.00387
SDev	.95	.0039	.00199	.00148	.00165	.00151	.00134
%RSD	.32848	.27470	354.04	754.55	2965.5	108.65	34.560
#1	289.81	1.4322	.00084	.00125	.00111	.00246	.00292
#2	291.16	1.4266	-.00197	-.00085	-.00122	.00032	.00481
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00547	-.00065	.00850	-.00138	.00061	.06943	-.00075
SDev	.01049	.00298	.00061	.00216	.00016	.00019	.00000
%RSD	191.83	459.94	7.2245	156.71	25.505	.27277	.48125
#1	.01289	-.00275	.00894	-.00291	.00050	.06930	-.00075
#2	-.00195	.00146	.00807	.00015	.00072	.06956	-.00075
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00073	.04432
SDev	.00045	.00067
%RSD	61.860	1.5090
#1	-.00105	.04385
#2	-.00041	.04480
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5468	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0387955	--	--	--	--	--	--
#1	5469	--	--	--	--	--	--
#2	5466	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855052 Operator: SW
Run Time: 09/27/08 00:03:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01595	-.00022	.07382	.05393	.00030	103.26	.00042
SDev	.00411	.00013	.00015	.00018	.00006	.30	.00011
%RSD	25.743	61.237	.20537	.33858	20.413	.29014	25.941
#1	.01304	-.00031	.07371	.05406	.00026	103.05	.00034
#2	.01885	-.00012	.07392	.05380	.00035	103.47	.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.00046	.00168	.12449	1.4367	25.349	.22026
SDev	.00010	.00034	.00003	.00523	.0016	.054	.00054
%RSD	6.9768	73.415	1.7530	4.1994	.10999	.21364	.24661
#1	.00143	.00070	.00171	.12080	1.4356	25.311	.21988
#2	.00130	.00022	.00166	.12819	1.4378	25.387	.22064
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.15	.00163	.01158	.00850	.00953	.00403	.00196
SDev	.09	.00008	.00139	.00161	.00061	.00130	.00436
%RSD	.09422	4.7759	11.996	18.892	6.3898	32.161	222.71
#1	100.22	.00157	.01060	.00964	.00996	.00495	-.00113
#2	100.08	.00168	.01256	.00737	.00910	.00312	.00504
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00954	.00128	.00027	.00041	-.00008	.21813	-.00053
SDev	.00132	.00129	.00011	.00209	.00044	.00181	.00148
%RSD	13.818	100.74	41.808	506.94	578.38	.82835	279.42
#1	.01048	.00219	.00019	-.00106	-.00039	.21685	.00052
#2	.00861	.00037	.00035	.00189	.00024	.21940	-.00158
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00105	.00395
SDev	.00016	.00154
%RSD	15.640	39.097
#1	-.00117	.00504
#2	-.00094	.00286
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5691	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.1006464	--	--	--	--	--	--
#1	5687	--	--	--	--	--	--
#2	5695	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855053 Operator: SW
Run Time: 09/27/08 00:08:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26984	-.00038	.08050	.14501	.00051	120.42	.00110
SDev	.00924	.00210	.00121	.00232	.00006	.29	.00017
%RSD	3.4251	557.28	1.5008	1.5985	11.407	.24377	15.411
#1	.27637	-.00186	.07964	.14337	.00047	120.22	.00098
#2	.26330	.00111	.08135	.14665	.00055	120.63	.00122
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	.02783	.00309	.61719	2.1772	83.373	.32508
SDev	.00010	.00022	.00047	.00381	.0346	1.101	.00322
%RSD	3.5547	.79187	15.049	.61788	1.5882	1.3207	.98925
#1	.00271	.02767	.00276	.61449	2.1527	82.594	.32280
#2	.00285	.02798	.00342	.61989	2.2016	84.152	.32735
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H667.58	.22772	-.00376	.00326	.00092	.00123	.00232
SDev	1.44	.00264	.00049	.00106	.00055	.00324	.00012
%RSD	.21515	1.1600	12.943	32.592	59.282	263.23	5.3633
#1	H666.56	.22585	-.00411	.00401	.00131	-.00106	.00241
#2	H668.59	.22958	-.00342	.00251	.00054	.00353	.00223
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00246	.00062	.00808	-.00206	.00079	.03289	-.00213
SDev	.00310	.00331	.00069	.00372	.00014	.00055	.00128
%RSD	126.32	534.27	8.5977	181.12	17.672	1.6727	60.151
#1	.00026	-.00172	.00759	-.00469	.00089	.03328	-.00303
#2	.00465	.00296	.00857	.00058	.00069	.03250	-.00122
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00111	.01025
SDev	.00094	.00051
%RSD	84.482	4.9800
#1	-.00045	.01061
#2	-.00178	.00989
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5528	--	--	--	--	--	--
SDev	67.45792	--	--	--	--	--	--
%RSD	1.220372	--	--	--	--	--	--
#1	5575	--	--	--	--	--	--
#2	5480	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855054 Operator: SW
Run Time: 09/27/08 00:13:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02674	.01138	.04017	.06405	.00036	163.18	.00031
SDev	.00261	.00142	.00059	.00012	.00001	.16	.00007
%RSD	9.7426	12.481	1.4775	.18209	1.2589	.10026	22.760
#1	.02489	.01037	.03975	.06413	.00036	163.30	.00026
#2	.02858	.01238	.04059	.06396	.00036	163.07	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	.00078	.00281	1.7471	4.3504	69.630	.50324
SDev	.00019	.00020	.00003	.0009	.0072	.170	.00083
%RSD	3.9022	26.257	.89320	.05314	.16564	.24428	.16466
#1	.00482	.00063	.00283	1.7478	4.3555	69.750	.50382
#2	.00509	.00092	.00279	1.7465	4.3453	69.510	.50265
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.416	.00394	.03157	.03795	.03582	.00305	.00068
SDev	.161	.00098	.00055	.00242	.00180	.00188	.00103
%RSD	.20492	24.827	1.7328	6.3881	5.0220	61.892	150.38
#1	78.302	.00463	.03195	.03966	.03709	.00438	.00141
#2	78.530	.00325	.03118	.03623	.03455	.00171	-.00004
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00290	.00312	.00089	-.00123	-.00064	.14371	-.00049
SDev	.00040	.00303	.00001	.00041	.00030	.00007	.00022
%RSD	13.803	96.992	1.3521	33.231	47.171	.05170	44.110
#1	.00261	.00526	.00088	-.00094	-.00043	.14366	-.00034
#2	.00318	.00098	.00090	-.00151	-.00086	.14376	-.00065
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00213	.00340
SDev	.00038	.00044
%RSD	17.848	13.081
#1	-.00240	.00309
#2	-.00186	.00372
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5570	--	--	--	--	--	--
SDev	2.863644	--	--	--	--	--	--
%RSD	.0514103	--	--	--	--	--	--
#1	5572	--	--	--	--	--	--
#2	5568	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855054/L (1:5) Operator: SW
Run Time: 09/27/08 00:18:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01315	.00174	.00882	.01301	.00030	32.749	.00004
SDev	.00298	.00079	.00003	.00017	.00001	.099	.00030
%RSD	22.680	45.404	.27925	1.3232	2.6859	.30333	737.68
#1	-.01525	.00118	.00880	.01313	.00031	32.820	-.00017
#2	-.01104	.00230	.00883	.01289	.00029	32.679	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	-.00006	.00169	.34758	.78767	13.975	.10196
SDev	.00028	.00077	.00001	.00017	.00962	.102	.00056
%RSD	18.344	1341.6	.51980	.04818	1.2209	.73333	.54770
#1	.00135	.00049	.00170	.34770	.78087	14.048	.10236
#2	.00175	-.00060	.00169	.34746	.79447	13.903	.10157
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.623	.00031	.00378	.00829	.00679	.00003	-.00077
SDev	.040	.00006	.00016	.00155	.00108	.00402	.00145
%RSD	.25557	18.406	4.1704	18.656	15.971	15145.	187.60
#1	15.595	.00035	.00389	.00938	.00756	.00287	-.00180
#2	15.651	.00027	.00367	.00720	.00602	-.00282	.00025
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.00019	-.00000	-.00240	-.00019	.03035	-.00032
SDev	.00651	.00278	.00011	.00031	.00000	.00086	.00065
%RSD	1411.5	1453.7	387670.	13.084	.65373	2.8231	207.71
#1	.00507	.00177	-.00007	-.00262	-.00019	.02975	-.00078
#2	-.00414	-.00215	.00007	-.00218	-.00019	.03096	.00015
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00193	-.00064
SDev	.00029	.00054
%RSD	14.876	85.096
#1	-.00213	-.00025
#2	-.00173	-.00102
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5573	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.3140033	--	--	--	--	--	--
#1	5561	--	--	--	--	--	--
#2	5586	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD744054/PS Operator: SW
Run Time: 09/27/08 00:23:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.360	.22732	.25958	.28735	.21760	170.19	.21246
SDev	.025	.00303	.00029	.00050	.00053	.38	.00084
%RSD	.22045	1.3321	.11033	.17288	.24487	.22441	.39544
#1	11.378	.22946	.25938	.28770	.21797	170.46	.21305
#2	11.343	.22517	.25978	.28700	.21722	169.92	.21186
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21507	.21619	.21297	12.450	16.067	77.679	.69717
SDev	.00076	.00017	.00073	.005	.054	.192	.00156
%RSD	.35259	.07927	.34106	.04047	.33756	.24668	.22319
#1	.21561	.21631	.21348	12.453	16.106	77.815	.69827
#2	.21454	.21607	.21246	12.446	16.029	77.544	.69607
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	86.015	.21533	.24208	.24438	.24361	.21846	.21416
SDev	.032	.00075	.00400	.00012	.00142	.00786	.00024
%RSD	.03748	.35006	1.6541	.05031	.58102	3.5981	.11143
#1	85.993	.21586	.24491	.24446	.24461	.21291	.21433
#2	86.038	.21480	.23925	.24429	.24261	.22402	.21399
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21199	.22170	.21779	.21158	.21617	.35183	.17834
SDev	.00114	.01122	.00030	.00060	.00046	.00056	.00076
%RSD	.53828	5.0610	.13920	.28533	.21444	.15788	.42922
#1	.21119	.21377	.21800	.21200	.21650	.35223	.17780
#2	.21280	.22964	.21758	.21115	.21584	.35144	.17888
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05354	.22107
SDev	.00053	.00163
%RSD	.98546	.73742
#1	.05317	.21992
#2	.05391	.22223
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5716	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1948438	--	--	--	--	--	--
#1	5724	--	--	--	--	--	--
#2	5708	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855055/MS Operator: SW
Run Time: 09/27/08 00:28:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.928	.23088	.25442	.28553	.21775	176.49	.21084
SDev	.004	.00060	.00053	.00011	.00021	.23	.00011
%RSD	.03248	.26001	.20813	.03705	.09656	.12946	.05082
#1	10.925	.23046	.25479	.28545	.21760	176.65	.21091
#2	10.930	.23131	.25405	.28560	.21790	176.32	.21076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21535	.21488	.21865	12.393	15.531	81.050	.71392
SDev	.00025	.00003	.00031	.012	.013	.027	.00023
%RSD	.11452	.01650	.14357	.09471	.08447	.03297	.03231
#1	.21552	.21486	.21842	12.385	15.540	81.031	.71376
#2	.21518	.21491	.21887	12.401	15.522	81.069	.71408
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.342	.21389	.24307	.24572	.24484	.21771	.21642
SDev	.133	.00076	.00174	.00089	.00002	.00269	.00182
%RSD	.14940	.35614	.71416	.36421	.00771	1.2347	.83957
#1	89.248	.21443	.24184	.24635	.24485	.21581	.21514
#2	89.437	.21335	.24429	.24509	.24482	.21961	.21771
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21547	.21883	.21500	.21305	.21338	.34580	.21545
SDev	.00003	.00402	.00074	.00383	.00035	.00178	.00173
%RSD	.01169	1.8369	.34443	1.7979	.16462	.51538	.80192
#1	.21545	.21599	.21552	.21034	.21363	.34706	.21667
#2	.21549	.22168	.21447	.21575	.21313	.34454	.21423
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05278	.22076
SDev	.00054	.00161
%RSD	1.0211	.72972
#1	.05316	.22190
#2	.05240	.21962
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5584	--	--	--	--	--	--
SDev	22.48586	--	--	--	--	--	--
%RSD	.4027125	--	--	--	--	--	--
#1	5600	--	--	--	--	--	--
#2	5568	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855056/SD Operator: SW
Run Time: 09/27/08 00:33:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.106	.23062	.25864	.29076	.21978	175.73	.21147
SDev	.005	.00099	.00032	.00002	.00005	.18	.00061
%RSD	.04742	.42934	.12557	.00628	.02353	.10032	.28883
#1	11.102	.23132	.25887	.29075	.21974	175.86	.21190
#2	11.110	.22992	.25841	.29077	.21982	175.61	.21104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21677	.21580	.21612	12.449	15.705	80.999	.72016
SDev	.00068	.00048	.00024	.014	.012	.047	.00074
%RSD	.31362	.22179	.11117	.11394	.07663	.05784	.10283
#1	.21629	.21614	.21629	12.459	15.714	81.032	.72069
#2	.21725	.21546	.21595	12.439	15.696	80.966	.71964
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.817	.21409	.24336	.24672	.24560	.21927	.21848
SDev	.169	.00009	.00136	.00095	.00018	.00045	.00038
%RSD	.18845	.04378	.55858	.38443	.07326	.20345	.17447
#1	89.937	.21403	.24240	.24739	.24573	.21895	.21821
#2	89.698	.21416	.24433	.24605	.24547	.21958	.21875
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21412	.22184	.21740	.20904	.21556	.34122	.21624
SDev	.00276	.00071	.00036	.00301	.00047	.00098	.00138
%RSD	1.2906	.32119	.16628	1.4379	.21698	.28653	.63782
#1	.21216	.22235	.21714	.20691	.21523	.34053	.21722
#2	.21607	.22134	.21765	.21116	.21589	.34192	.21526
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05416	.22025
SDev	.00065	.00233
%RSD	1.1934	1.0579
#1	.05370	.22190
#2	.05461	.21860
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5535	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1360453	--	--	--	--	--	--
#1	5530	--	--	--	--	--	--
#2	5541	--	--	--	--	--	--

Analysis Report QC Standard 09/27/08 00:45:08 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/27/08 00:40:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.308	.52902	.53794	.54354	.54667	26.839	.53332
SDev	.059	.00264	.00214	.00035	.00038	.032	.00263
%RSD	.21631	.49929	.39687	.06383	.06952	.11986	.49322
#1	27.350	.52716	.53643	.54379	.54640	26.816	.53146
#2	27.266	.53089	.53945	.54330	.54693	26.861	.53518
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53025	Q.55543	.52964	26.718	26.653	26.978	.54737
SDev	.00062	.00067	.00177	.048	.108	.062	.00070
%RSD	.11740	.12010	.33382	.17855	.40388	.23143	.12774
#1	.52981	Q.55590	.53089	26.684	26.729	26.934	.54688
#2	.53069	Q.55496	.52839	26.752	26.577	27.022	.54786
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.283	.54261	.54115	.53488	.53697	.54130	.53293
SDev	.066	.00020	.00150	.00411	.00224	.00039	.00243
%RSD	.25158	.03689	.27690	.76829	.41754	.07280	.45626
#1	26.329	.54247	.54221	.53198	.53538	.54157	.53465
#2	26.236	.54275	.54009	.53779	.53855	.54102	.53121
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54010	.54190	Q.55759	.53511	.53467	.54858	.54848
SDev	.00186	.00152	.00009	.00175	.00114	.00172	.00149
%RSD	.34351	.28026	.01538	.32699	.21315	.31445	.27162
#1	.53879	.54298	Q.55765	.53387	.53386	.54736	.54743
#2	.54141	.54083	Q.55753	.53635	.53547	.54980	.54954
Errors	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.53856	.53916
SDev	.00157	.00067
%RSD	.29198	.12429
#1	.53967	.53963
#2	.53744	.53868
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5645	--	--	--	--	--	--
SDev	24.28919	--	--	--	--	--	--
%RSD	.4302988	--	--	--	--	--	--
#1	5628	--	--	--	--	--	--
#2	5662	--	--	--	--	--	--

Analysis Report Blank Sample 09/27/08 00:50:11 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/27/08 00:45:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01498	-.00079	.00025	.00032	.00060	.01865	-.00003
SDev	.00039	.00125	.00082	.00002	.00002	.00377	.00026
%RSD	2.6284	158.17	336.23	5.6499	3.3208	20.200	812.21
#1	.01526	-.00168	.00083	.00033	.00058	.01598	.00015
#2	.01470	.00009	-.00034	.00031	.00061	.02131	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00047	.00049	.00932	.01589	.01552	.00021
SDev	.00044	.00012	.00003	.00362	.01137	.00147	.00007
%RSD	74.513	25.364	5.0997	38.825	71.535	9.4901	32.896
#1	.00091	.00056	.00050	.00676	.00785	.01657	.00016
#2	.00028	.00039	.00047	.01187	.02393	.01448	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01451	.00035	-.00123	.00034	-.00018	.00182	.00071
SDev	.11826	.00020	.00138	.00144	.00050	.00497	.00102
%RSD	814.84	57.659	112.32	421.99	278.74	272.78	144.08
#1	-.06911	.00049	-.00220	.00136	.00018	.00533	-.00001
#2	.09814	.00021	-.00025	-.00068	-.00054	-.00169	.00143
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	.00175	-.00023	-.00166	.00025	.00039	-.00101
SDev	.00398	.00546	.00021	.00057	.00030	.00000	.00042
%RSD	201.77	312.83	88.824	34.405	121.79	.44979	42.112
#1	.00478	.00561	-.00038	-.00207	.00046	.00039	-.00131
#2	-.00084	-.00212	-.00009	-.00126	.00003	.00039	-.00071
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00145	.00167
SDev	.00029	.00029
%RSD	20.043	17.322
#1	-.00124	.00187
#2	-.00165	.00146
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5625	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1244529	--	--	--	--	--	--
#1	5630	--	--	--	--	--	--
#2	5620	--	--	--	--	--	--

Analysis Report 09/27/08 00:55:17 AM page 1

Method: TRACE1 Sample Name: AD855057 Operator: SW
Run Time: 09/27/08 00:50:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63077	-.00143	.03907	.02972	.00067	208.36	.00029
SDev	.00012	.00139	.00036	.00004	.00002	.39	.00017
%RSD	.01900	97.141	.93192	.14380	2.9203	.18500	59.485
#1	.63069	-.00045	.03933	.02969	.00066	208.63	.00041
#2	.63086	-.00241	.03882	.02975	.00069	208.09	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00270	.23205	.00464	1.2427	1.6590	251.48	.08757
SDev	.00020	.00014	.00002	.0253	.0016	.16	.00012
%RSD	7.4761	.05913	.44893	2.0388	.09863	.06311	.13843
#1	.00256	.23195	.00463	1.2248	1.6578	251.59	.08749
#2	.00285	.23214	.00466	1.2606	1.6601	251.37	.08766
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	152.99	.52091	.00083	.00182	.00149	.00403	.00076
SDev	.61	.00056	.00111	.00035	.00061	.00313	.00245
%RSD	.40043	.10656	134.44	19.479	40.784	77.499	324.35
#1	153.43	.52130	.00004	.00157	.00106	.00624	-.00098
#2	152.56	.52051	.00162	.00207	.00192	.00182	.00249
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00419	.00395	.01811	-.00346	.00132	.13997	-.00170
SDev	.00082	.00509	.00138	.00532	.00032	.00015	.00023
%RSD	19.473	128.90	7.6294	153.65	23.888	.10529	13.395
#1	.00361	.00756	.01909	-.00723	.00109	.13986	-.00154
#2	.00477	.00035	.01713	.00030	.00154	.14007	-.00186
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00174	.00495
SDev	.00004	.00112
%RSD	2.1179	22.583
#1	-.00177	.00416
#2	-.00172	.00574
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5498	--	--	--	--	--	--
SDev	18.34922	--	--	--	--	--	--
%RSD	.3337510	--	--	--	--	--	--
#1	5511	--	--	--	--	--	--
#2	5485	--	--	--	--	--	--

Analysis Report QC Standard 09/27/08 01:01:49 AM page 1

Method: TRACE1 Sample Name: CCV Operator: SW
Run Time: 09/27/08 00:56:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.260	.52863	.53984	.54432	.54830	26.843	.53471
SDev	.054	.00257	.00005	.00119	.00131	.018	.00152
%RSD	.19753	.48530	.01008	.21768	.23984	.06572	.28376
#1	27.298	.52681	.53981	.54516	.54923	26.855	.53364
#2	27.222	.53044	.53988	.54349	.54737	26.830	.53578
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53179	Q.55404	.52907	26.716	26.461	27.053	.54927
SDev	.00087	.00171	.00112	.012	.056	.061	.00063
%RSD	.16343	.30868	.21267	.04600	.21228	.22702	.11479
#1	.53241	Q.55525	.52986	26.725	26.500	27.096	.54972
#2	.53118	Q.55283	.52827	26.708	26.421	27.010	.54883
Errors	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.303	.54426	.54498	.53883	.54088	.54707	.53644
SDev	.217	.00178	.00450	.00080	.00203	.00164	.00374
%RSD	.82641	.32705	.82641	.14841	.37590	.29957	.69694
#1	26.457	.54552	.54816	.53940	.54232	.54823	.53380
#2	26.150	.54300	.54180	.53827	.53944	.54591	.53908
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54040	.55041	Q.55699	.53390	.53329	Q.55180	Q.55103
SDev	.00097	.00197	.00096	.00488	.00042	.00117	.00130
%RSD	.17968	.35843	.17247	.91330	.07833	.21186	.23685
#1	.54108	.55181	Q.55767	.53045	.53359	Q.55262	Q.55010
#2	.53971	.54902	Q.55631	.53735	.53300	Q.55097	Q.55195
Errors	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Fail	QC Fail
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.53718	.54219
SDev	.00120	.00067
%RSD	.22281	.12280
#1	.53803	.54266
#2	.53633	.54172
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5640	--	--	--	--	--	--
SDev	39.24443	--	--	--	--	--	--
%RSD	.6957861	--	--	--	--	--	--
#1	5613	--	--	--	--	--	--
#2	5668	--	--	--	--	--	--

Analysis Report Blank Sample 09/27/08 01:06:52 AM page 1

Method: TRACE1 Sample Name: CCB Operator: SW
Run Time: 09/27/08 01:01:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01990	-.00176	.00206	.00026	.00060	.01953	.00022
SDev	.00070	.00014	.00013	.00010	.00007	.00190	.00013
%RSD	3.4972	8.1539	6.2175	35.755	11.037	9.7040	59.713
#1	.01941	-.00166	.00215	.00020	.00055	.01819	.00013
#2	.02039	-.00187	.00197	.00033	.00065	.02087	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.00047	.00031	.00168	.01165	.02442	.00011
SDev	.00009	.00061	.00012	.00358	.01468	.00781	.00007
%RSD	8.9009	128.52	37.278	212.64	126.02	31.998	62.512
#1	.00099	.00004	.00023	-.00085	.00127	.01889	.00006
#2	.00113	.00090	.00039	.00421	.02203	.02994	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06575	-.00047	-.00251	-.00098	-.00149	.00221	.00022
SDev	.17709	.00060	.00111	.00026	.00054	.00014	.00020
%RSD	269.34	127.71	43.978	26.887	36.498	6.1054	93.770
#1	-.19097	-.00090	-.00329	-.00116	-.00187	.00212	.00036
#2	.05947	-.00005	-.00173	-.00079	-.00110	.00231	.00007
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00196	.00234	-.00026	.00123	-.00039	.00061	-.00160
SDev	.00369	.00164	.00007	.00295	.00030	.00001	.00083
%RSD	188.59	70.152	25.006	238.62	76.857	1.4466	52.114
#1	-.00065	.00351	-.00031	.00332	-.00060	.00060	-.00219
#2	.00457	.00118	-.00022	-.00085	-.00018	.00062	-.00101
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00107	.00053
SDev	.00046	.00103
%RSD	43.149	193.14
#1	-.00139	-.00019
#2	-.00074	.00126
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5643	--	--	--	--	--	--
SDev	32.03180	--	--	--	--	--	--
%RSD	.5676679	--	--	--	--	--	--
#1	5665	--	--	--	--	--	--
#2	5620	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: TWS

Primary Review: AH Date: 9/30/08 Secondary Review: TWS Date: 9/30/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	1092908	TRACE1	09/29/08	10:56		X	IR
2	STD 1 12-127-C	1092908	TRACE1	09/29/08	11:01		X	IR
3	STD 2 12-127-D	1092908	TRACE1	09/29/08	11:06		X	IR
4	STD 3 12-127-B	1092908	TRACE1	09/29/08	11:10		X	IR
5	STD 3 VER 1	1092908	TRACE1	09/29/08	11:15	TWS	B	CONC
6	ICV 12-125-E	1092908	TRACE1	09/29/08	11:20	TWS	Q	CONC
7	ICB 12-115-A	1092908	TRACE1	09/29/08	11:26	TWS	B	CONC
8	CRI 12-120-A	1092908	TRACE1	09/29/08	11:31	TWS	B	CONC
9	ICSA 12-124-B	1092908	TRACE1	09/29/08	11:36	TWS	Q	CONC
10	ICSAB 12-124-C	1092908	TRACE1	09/29/08	11:41	TWS	Q	CONC
11	CCV 12-119-F	1092908	TRACE1	09/29/08	11:49	TWS	Q	CONC
12	CCB 12-115-A	1092908	TRACE1	09/29/08	11:54	TWS	B	CONC
13	AD855036/PB	1092908	TRACE1	09/29/08	12:04	TWS	S	CONC
14	AD855035/FB B734	1092908	TRACE1	09/29/08	12:09	TWS	S	CONC
15	AD855024	1092908	TRACE1	09/29/08	12:14	TWS	S	CONC
16	AD855025	1092908	TRACE1	09/29/08	12:19	TWS	S	CONC
17	AD855026	1092908	TRACE1	09/29/08	12:24	TWS	S	CONC
18	AD855027 B738	1092908	TRACE1	09/29/08	12:29	TWS	S	CONC
19	AD855028	1092908	TRACE1	09/29/08	12:34	TWS	S	CONC
20	AD855029	1092908	TRACE1	09/29/08	12:39	TWS	S	CONC
21	AD855029/L (1:5)	1092908	TRACE1	09/29/08	12:44	TWS	S	CONC
22	AD855029/PS	1092908	TRACE1	09/29/08	12:49	TWS	S	CONC
23	CCV	1092908	TRACE1	09/29/08	12:57	TWS	Q	CONC
24	CCB	1092908	TRACE1	09/29/08	13:02	TWS	B	CONC
25	AD855030/MD	1092908	TRACE1	09/29/08	13:07	TWS	S	CONC
26	AD855031/MS	1092908	TRACE1	09/29/08	13:12	TWS	S	CONC
27	AD855032 B740	1092908	TRACE1	09/29/08	13:19	TWS	S	CONC
28	AD855033	1092908	TRACE1	09/29/08	13:24	TWS	S	CONC
29	AD855034 B742	1092908	TRACE1	09/29/08	13:30	TWS	S	CONC
30	AD855128/(1:5) B709	1092908	TRACE1	09/29/08	13:37	TWS	S	CONC
31	AD855265/PB	1092908	TRACE1	09/29/08	13:45	TWS	S	CONC
32	CRI	1092908	TRACE1	09/29/08	13:53	TWS	B	CONC
33	ICSA	1092908	TRACE1	09/29/08	13:58	TWS	Q	CONC
34	ICSAB	1092908	TRACE1	09/29/08	14:03	TWS	Q	CONC
35	CCV	1092908	TRACE1	09/29/08	14:11	TWS	Q	CONC
36	CCB	1092908	TRACE1	09/29/08	14:16	TWS	B	CONC
37	AD855264/FB B718	1092908	TRACE1	09/29/08	14:21	TWS	S	CONC
38	AD855253	1092908	TRACE1	09/29/08	14:26	TWS	S	CONC
39	AD855254 B751	1092908	TRACE1	09/29/08	14:31	TWS	S	CONC
40	AD855255	1092908	TRACE1	09/29/08	14:36	TWS	S	CONC
41	AD855256	1092908	TRACE1	09/29/08	14:41	TWS	S	CONC
42	AD855257 B754	1092908	TRACE1	09/29/08	14:46	TWS	S	CONC
43	AD855257/(1:5)	1092908	TRACE1	09/29/08	14:53	TWS	S	CONC
44	AD855258	1092908	TRACE1	09/29/08	14:58	TWS	S	CONC
45	AD855258/(1:20)	1092908	TRACE1	09/29/08	15:04	TWS	S	CONC
46	AD855260/(1:5) B757	1092908	TRACE1	09/29/08	15:09	TWS	S	CONC
47	CCV	1092908	TRACE1	09/29/08	15:17	TWS	Q	CONC
48	CCB	1092908	TRACE1	09/29/08	15:22	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD855459/PB	1092908	TRACE1	09/29/08	15:34	TWS	S	CONC
50	AD855458/LCS	1092908	TRACE1	09/29/08	15:39	TWS	S	CONC
51	AD855457/EBLK	1092908	TRACE1	09/29/08	15:44	TWS	S	CONC
52	AD855454 BS07	1092908	TRACE1	09/29/08	15:49	TWS	S	CONC
53	AD855454/L (1:5)	1092908	TRACE1	09/29/08	15:54	TWS	S	CONC
54	AD855454/PS	1092908	TRACE1	09/29/08	15:59	TWS	S	CONC
55	AD855455/MS	1092908	TRACE1	09/29/08	16:04	TWS	S	CONC
56	AD855456/SD	1092908	TRACE1	09/29/08	16:15	TWS	S	CONC
57	AD855453/PB	1092908	TRACE1	09/29/08	16:23	TWS	S	CONC
58	AD855452/LCS	1092908	TRACE1	09/29/08	16:28	TWS	S	CONC
59	CCV	1092908	TRACE1	09/29/08	16:36	TWS	Q	CONC
60	CCB	1092908	TRACE1	09/29/08	16:43	TWS	B	CONC
61	AD855451/EBLK	1092908	TRACE1	09/29/08	16:48	TWS	S	CONC
62	AD855430 BS07	1092908	TRACE1	09/29/08	16:54	TWS	S	CONC
63	AD855431 BS10	1092908	TRACE1	09/29/08	16:59	TWS	S	CONC
64	AD855432	1092908	TRACE1	09/29/08	17:04	TWS	S	CONC
65	AD855433	1092908	TRACE1	09/29/08	17:09	TWS	S	CONC
66	AD855434	1092908	TRACE1	09/29/08	17:14	TWS	S	CONC
67	AD855435	1092908	TRACE1	09/29/08	17:19	TWS	S	CONC
68	AD855435/L (1:5)	1092908	TRACE1	09/29/08	17:24	TWS	S	CONC
69	AD855435/PS	1092908	TRACE1	09/29/08	17:29	TWS	S	CONC
70	AD855436/MS	1092908	TRACE1	09/29/08	17:34	TWS	S	CONC
71	CCV	1092908	TRACE1	09/29/08	17:42	TWS	Q	CONC
72	CCB	1092908	TRACE1	09/29/08	17:47	TWS	B	CONC
73	AD855437/SD	1092908	TRACE1	09/29/08	17:52	TWS	S	CONC
74	AD855438 BS74	1092908	TRACE1	09/29/08	17:57	TWS	S	CONC
75	AD855439	1092908	TRACE1	09/29/08	18:02	TWS	S	CONC
76	AD855440	1092908	TRACE1	09/29/08	18:07	TWS	S	CONC
77	AD855441	1092908	TRACE1	09/29/08	18:12	TWS	S	CONC
78	AD855442	1092908	TRACE1	09/29/08	18:17	TWS	S	CONC
79	AD855443 BS76	1092908	TRACE1	09/29/08	18:22	TWS	S	CONC
80	AD855444	1092908	TRACE1	09/29/08	18:27	TWS	S	CONC
81	AD855445	1092908	TRACE1	09/29/08	18:32	TWS	S	CONC
82	AD855446	1092908	TRACE1	09/29/08	18:37	TWS	S	CONC
83	CCV	1092908	TRACE1	09/29/08	18:45	TWS	Q	CONC
84	CCB	1092908	TRACE1	09/29/08	18:51	TWS	B	CONC
85	AD855447	1092908	TRACE1	09/29/08	18:56	TWS	S	CONC
86	AD855448	1092908	TRACE1	09/29/08	19:01	TWS	S	CONC
87	AD855449 BS77	1092908	TRACE1	09/29/08	19:06	TWS	S	CONC
88	AD855450	1092908	TRACE1	09/29/08	19:11	TWS	S	CONC
89	AD854774/(1:5) BL08	1092908	TRACE1	09/29/08	19:17	TWS	S	CONC
90	AD854775/(1:5)	1092908	TRACE1	09/29/08	19:22	TWS	S	CONC
91	AD854776/(1:5)	1092908	TRACE1	09/29/08	19:27	TWS	S	CONC
92	AD855023/PB	1092908	TRACE1	09/29/08	19:35	TWS	S	CONC
93	AD855022/FB	1092908	TRACE1	09/29/08	19:40	TWS	S	CONC
94	AD855021/PB	1092908	TRACE1	09/29/08	19:45	TWS	S	CONC
95	CCV	1092908	TRACE1	09/29/08	19:53	TWS	Q	CONC
96	CCB	1092908	TRACE1	09/29/08	19:59	TWS	B	CONC
97	STD BLK	1092908	TRACE1	09/29/08	20:16		X	IR
98	STD 1	1092908	TRACE1	09/29/08	20:21		X	IR
99	STD 2	1092908	TRACE1	09/29/08	20:25		X	IR
100	STD 3	1092908	TRACE1	09/29/08	20:30		X	IR
101	STD 3 VER	1092908	TRACE1	09/29/08	20:35	TWS	B	CONC
102	ICV	1092908	TRACE1	09/29/08	20:40	TWS	Q	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICB	1092908	TRACE1	09/29/08	20:45	TWS	B	CONC
104	CRI	1092908	TRACE1	09/29/08	20:50	TWS	B	CONC
105	ICSA	1092908	TRACE1	09/29/08	20:55	TWS	Q	CONC
106	ICSAB	1092908	TRACE1	09/29/08	21:00	TWS	Q	CONC
107	CCV	1092908	TRACE1	09/29/08	21:08	TWS	Q	CONC
108	CCB	1092908	TRACE1	09/29/08	21:13	TWS	B	CONC
109	AD855020/FB	1092908	TRACE1	09/29/08	21:18	TWS	S	CONC
110	AD855002 B625	1092908	TRACE1	09/29/08	21:24	TWS	S	CONC
111	AD855003	1092908	TRACE1	09/29/08	21:29	TWS	S	CONC
112	AD855004	1092908	TRACE1	09/29/08	21:34	TWS	S	CONC
113	AD855014 B711	1092908	TRACE1	09/29/08	21:39	TWS	S	CONC
114	AD855015	1092908	TRACE1	09/29/08	21:44	TWS	S	CONC
115	AD855015/(1:5)	1092908	TRACE1	09/29/08	21:50	TWS	S	CONC
116	AD855005 B706	1092908	TRACE1	09/29/08	21:55	TWS	S	CONC
117	AD855005/L (1:5)	1092908	TRACE1	09/29/08	22:00	TWS	S	CONC
118	AD855005/PS	1092908	TRACE1	09/29/08	22:05	TWS	S	CONC
119	CCV	1092908	TRACE1	09/29/08	22:13	TWS	Q	CONC
120	CCB	1092908	TRACE1	09/29/08	22:19	TWS	B	CONC
121	AD855006/MS	1092908	TRACE1	09/29/08	22:24	TWS	S	CONC
122	AD855007/SD	1092908	TRACE1	09/29/08	22:29	TWS	S	CONC
123	AD855008	1092908	TRACE1	09/29/08	22:34	TWS	S	CONC
124	AD855009	1092908	TRACE1	09/29/08	22:39	TWS	S	CONC
125	AD855010	1092908	TRACE1	09/29/08	22:44	TWS	S	CONC
126	AD855011	1092908	TRACE1	09/29/08	22:49	TWS	S	CONC
127	AD855012	1092908	TRACE1	09/29/08	22:54	TWS	S	CONC
128	AD855013	1092908	TRACE1	09/29/08	22:59	TWS	S	CONC
129	AD855018 B727	1092908	TRACE1	09/29/08	23:04	TWS	S	CONC
130	AD855019	1092908	TRACE1	09/29/08	23:09	TWS	S	CONC
131	CCV	1092908	TRACE1	09/29/08	23:17	TWS	Q	CONC
132	CCB	1092908	TRACE1	09/29/08	23:22	TWS	B	CONC
133	AD855522/PB	1092908	TRACE1	09/29/08	23:27	TWS	S	CONC
134	AD855521/FB	1092908	TRACE1	09/29/08	23:32	TWS	S	CONC
135	AD855504 B761	1092908	TRACE1	09/29/08	23:37	TWS	S	CONC
136	AD855505	1092908	TRACE1	09/29/08	23:43	TWS	S	CONC
137	AD855511 B805	1092908	TRACE1	09/29/08	23:48	TWS	S	CONC
138	AD855512	1092908	TRACE1	09/29/08	23:53	TWS	S	CONC
139	AD855513	1092908	TRACE1	09/29/08	23:58	TWS	S	CONC
140	AD855514 B892	1092908	TRACE1	09/30/08	00:03	TWS	S	CONC
141	AD855515	1092908	TRACE1	09/30/08	00:08	TWS	S	CONC
142	AD855516	1092908	TRACE1	09/30/08	00:13	TWS	S	CONC
143	CCV	1092908	TRACE1	09/30/08	00:21	TWS	Q	CONC
144	CCB	1092908	TRACE1	09/30/08	00:26	TWS	B	CONC
145	AD855516/L (1:5)	1092908	TRACE1	09/30/08	00:31	TWS	S	CONC
146	AD855516/PS	1092908	TRACE1	09/30/08	00:36	TWS	S	CONC
147	AD855517/MS	1092908	TRACE1	09/30/08	00:41	TWS	S	CONC
148	AD855518/SD	1092908	TRACE1	09/30/08	00:46	TWS	S	CONC
149	AD855519	1092908	TRACE1	09/30/08	00:53	TWS	S	CONC
150	AD855520	1092908	TRACE1	09/30/08	00:58	TWS	S	CONC
151	AD855503/PB	1092908	TRACE1	09/30/08	01:06	TWS	S	CONC
152	AD855502/FB	1092908	TRACE1	09/30/08	01:11	TWS	S	CONC
153	AD855484 B891	1092908	TRACE1	09/30/08	01:16	TWS	S	CONC
154	AD855485	1092908	TRACE1	09/30/08	01:21	TWS	S	CONC
155	CCV	1092908	TRACE1	09/30/08	01:29	TWS	Q	CONC
156	CCB	1092908	TRACE1	09/30/08	01:34	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD855486	1092908	TRACE1	09/30/08	01:39	TWS	S	CONC
158	AD855486/L (1:5)	1092908	TRACE1	09/30/08	01:45	TWS	S	CONC
159	AD855486/PS	1092908	TRACE1	09/30/08	01:50	TWS	S	CONC
160	AD855487/MS	1092908	TRACE1	09/30/08	01:55	TWS	S	CONC
161	AD855488/SD	1092908	TRACE1	09/30/08	02:00	TWS	S	CONC
162	AD855489	1092908	TRACE1	09/30/08	02:05	TWS	S	CONC
163	AD855490	1092908	TRACE1	09/30/08	02:10	TWS	S	CONC
164	AD855491	1092908	TRACE1	09/30/08	02:15	TWS	S	CONC
165	AD855492 B893	1092908	TRACE1	09/30/08	02:20	TWS	S	CONC
166	AD855493	1092908	TRACE1	09/30/08	02:25	TWS	S	CONC
167	CCV	1092908	TRACE1	09/30/08	02:33	TWS	Q	CONC
168	CCB	1092908	TRACE1	09/30/08	02:38	TWS	B	CONC
169	AD855494	1092908	TRACE1	09/30/08	02:43	TWS	S	CONC
170	AD855495	1092908	TRACE1	09/30/08	02:48	TWS	S	CONC
171	AD855496	1092908	TRACE1	09/30/08	02:54	TWS	S	CONC
172	AD855497	1092908	TRACE1	09/30/08	02:59	TWS	S	CONC
173	AD855498	1092908	TRACE1	09/30/08	03:04	TWS	S	CONC
174	AD855499	1092908	TRACE1	09/30/08	03:09	TWS	S	CONC
175	AD855500	1092908	TRACE1	09/30/08	03:14	TWS	S	CONC
176	AD855501	1092908	TRACE1	09/30/08	03:19	TWS	S	CONC
177	AD855483/PB	1092908	TRACE1	09/30/08	03:27	TWS	S	CONC
178	AD855482/FB	1092908	TRACE1	09/30/08	03:32	TWS	S	CONC
179	CCV	1092908	TRACE1	09/30/08	03:40	TWS	Q	CONC
180	CCB	1092908	TRACE1	09/30/08	03:45	TWS	B	CONC
181	STD BLK	1092908	TRACE1	09/30/08	04:02		X	IR
182	STD 1	1092908	TRACE1	09/30/08	04:07		X	IR
183	STD 2	1092908	TRACE1	09/30/08	04:12		X	IR
184	STD 3	1092908	TRACE1	09/30/08	04:17		X	IR
185	STD 3 VER	1092908	TRACE1	09/30/08	04:22	TWS	B	CONC
186	ICV	1092908	TRACE1	09/30/08	04:27	TWS	Q	CONC
187	ICB	1092908	TRACE1	09/30/08	04:32	TWS	B	CONC
188	CRI	1092908	TRACE1	09/30/08	04:37	TWS	B	CONC
189	ICSA	1092908	TRACE1	09/30/08	04:42	TWS	Q	CONC
190	ICSAB	1092908	TRACE1	09/30/08	04:47	TWS	Q	CONC
191	CCV	1092908	TRACE1	09/30/08	04:55	TWS	Q	CONC
192	CCB	1092908	TRACE1	09/30/08	05:00	TWS	B	CONC
193	A8B47204/SOL	1092908	TRACE1	09/30/08	05:07	TWS	S	CONC
194	AD855460 B886	1092908	TRACE1	09/30/08	05:13	TWS	S	CONC
195	AD855461	1092908	TRACE1	09/30/08	05:18	TWS	S	CONC
196	AD855462	1092908	TRACE1	09/30/08	05:23	TWS	S	CONC
197	AD855462/L (1:5)	1092908	TRACE1	09/30/08	05:29	TWS	S	CONC
198	AD855462/PS	1092908	TRACE1	09/30/08	05:34	TWS	S	CONC
199	AD855463/MS	1092908	TRACE1	09/30/08	05:39	TWS	S	CONC
200	AD855464/SD	1092908	TRACE1	09/30/08	05:44	TWS	S	CONC
201	AD855465	1092908	TRACE1	09/30/08	05:49	TWS	S	CONC
202	AD855466	1092908	TRACE1	09/30/08	05:54	TWS	S	CONC
203	AD855467	1092908	TRACE1	09/30/08	05:59	TWS	S	CONC
204	CCV	1092908	TRACE1	09/30/08	06:07	TWS	Q	CONC
205	CCB	1092908	TRACE1	09/30/08	06:12	TWS	B	CONC
206	AD855468	1092908	TRACE1	09/30/08	06:17	TWS	S	CONC
207	AD855469	1092908	TRACE1	09/30/08	06:22	TWS	S	CONC
208	AD855470	1092908	TRACE1	09/30/08	06:27	TWS	S	CONC
209	AD855471	1092908	TRACE1	09/30/08	06:32	TWS	S	CONC
210	AD855472	1092908	TRACE1	09/30/08	06:38	TWS	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD855473	1092908	TRACE1	09/30/08	06:43	TWS	S	CONC
212	AD855474	1092908	TRACE1	09/30/08	06:48	TWS	S	CONC
213	AD855475	1092908	TRACE1	09/30/08	06:53	TWS	S	CONC
214	AD855476	1092908	TRACE1	09/30/08	06:58	TWS	S	CONC
215	AD855477	1092908	TRACE1	09/30/08	07:03	TWS	S	CONC
216	CCV	1092908	TRACE1	09/30/08	07:11	TWS	Q	CONC
217	CCB	1092908	TRACE1	09/30/08	07:16	TWS	B	CONC
218	AD855478	1092908	TRACE1	09/30/08	07:21	TWS	S	CONC
219	AD855479	1092908	TRACE1	09/30/08	07:26	TWS	S	CONC
220	AD855480	1092908	TRACE1	09/30/08	07:31	TWS	S	CONC
221	AD855481	1092908	TRACE1	09/30/08	07:36	TWS	S	CONC
222	AD854903/(1:5)	1092908	TRACE1	09/30/08	07:41	TWS	S	CONC
223	AD854904/(1:5)	1092908	TRACE1	09/30/08	07:47	TWS	S	CONC
224	AD854905/(1:10)	1092908	TRACE1	09/30/08	07:52	TWS	S	CONC
225	CCV	1092908	TRACE1	09/30/08	08:00	TWS	Q	CONC
226	CCB	1092908	TRACE1	09/30/08	08:05	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.12519	4.34212	21.4443	42.5944	50.638	18.782
2	As1890	.08773	1.25329	5.9305	11.4546	.98925	.36952
3	B_2496	.02163	.42054	2.03037	4.00187	1.0038	.36967
4	Ba4934	.00188	.70737	3.59379	7.07042	1.0048	.37334
5	Be3130	.11485	1.58471	7.6302	14.7223	.99342	.37376
6	Ca3179	.03438			40.9802	49.971	18.755
7	Cd2265	.00197	1.86322	9.38725	18.3446	.98938	.37553
8	Co2286	-.0047	.80722	4.12768	8.10141	.99896	.37017
9	Cr2677	.00172	.6353	3.22901	6.31058	.99931	.38406
10	Cu3247	.00633	.49629	2.47872	4.92832	1.0099	.36468
11	Fe2714	-.00085	.70283	3.58745	7.01221	49.876	18.637
12	K_7664	-.31763			156.917	49.882	18.828
13	Mg2790	.00897			21.2043	49.870	18.753
14	Mn2576	.00076	.38848	1.97029	3.87156	.99805	.37788
15	Na3302	.00434			2.36965	50.319	18.308
16	Ni2316	-.01002	.62606	3.2507	6.33751	.99540	.37940
17	2203/1	.01214	.52914	2.62339	5.09415	.99115	.37691
18	2203/2	-.02407	2.7804	14.1943	27.9448	.99416	.38054
19	Sb2068	.00522	.17979	.92866	1.84419	1.0217	.38995
20	1960/1	-.06544	.33533	1.87043	3.68336	.96631	.37399
21	1960/2	.05261	.49953	2.33173	4.55926	.99266	.38029
22	Ti3372	-.00332	1.12045	5.69334	11.2773	1.0065	.38775
23	Tl1908	-.01847	.31504	1.72876	3.42186	1.0090	.38165
24	V_2924	.00017	.08506	.43343	.85716	1.0086	.37160
25	Zn2062	.0006	.08173	.41543	.80638	.99097	.38277
26	Sn1899	-.00094	.05651	.29458	.57708	1.0011	.38790
27	Ag3280	-.03898	.60468	3.21788	6.45959	1.0143	.37551
28	Mo2020	.00119	.26846	1.34941	2.65301	.99694	.37521
29	*Y	5846.78	5848.5	5833.65	5809.28	5750.93	5887.35
30	PB2203					.99315	.37933
31	SE1960					.98387	.37819

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00502	.20743	528.72	534.20	25.015	.03283
2	As1890	.00201	.01226	.00193	.11467	.48189	.00162
3	B_2496	.00109	.02131	.00124	.00726	.48478	-.00014
4	Ba4934	.00002	.00199	.00056	.53484	.49174	-.00001
5	Be3130	-.00008	.00175	.00054	.49812	.48872	.00002
6	Ca3179	.00469	.48479	530.68	532.82	24.874	.02711
7	Cd2265	.00035	.00124	-.00018	1.0128	.49091	.00014
8	Co2286	-.00019	.00414	-.00059	.49700	.48482	-.00001
9	Cr2677	.00016	.00444	-.00044	.52025	.50607	-.00004
10	Cu3247	.00062	.00987	-.00056	.53151	.48432	.00000
11	Fe2714	-.00269	.05113	202.71	101.09	24.465	.00738
12	K_7664	.01916	.49646	.04885	.04023	24.439	.00219
13	Mg2790	.00066	.19684	521.18	515.58	24.568	.02559
14	Mn2576	.00012	.00298	.00027	.50201	.49476	.00002
15	Na3302	.13713	1.0619	.23489	.09014	24.405	-.01176
16	Ni2316	-.00069	.00929	.00053	.98354	.49556	-.00025
17	2203/1	.00184	.00523	.02605	.07004	.49484	-.00102
18	2203/2	-.00100	.00564	-.01476	.03643	.49624	.00152

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00132	.01585	.00153	.67508	.51068	-.00164
20	1960/1	.00513	.01509	-.00386	.05352	.48489	.00081
21	1960/2	-.00049	.01317	-.00394	.05500	.49606	-.00294
22	Ti3372	.00012	.00517	.00002	.00155	.51163	-.00017
23	Tl1908	.00010	.01891	-.00410	.09947	.50026	-.00180
24	V_2924	.00010	.00548	.00092	.52903	.48975	.00010
25	Zn2062	.00029	.01117	-.00242	.98750	.49754	.00071
26	Sn1899	-.00225	.00609	.00397	.00001	.50526	-.00242
27	Ag3280	.00024	.00289	.00034	.22380	.49923	-.00011
28	Mo2020	.00105	.00891	-.00066	-.00069	.48987	.00087
29	*Y	5964.9	5967.15	5436.68	5389.42	5852.78	5933.78
30	PB2203	-.00005	.00550	-.00117	.04762	.49577	.00067
31	SE1960	.00138	.01381	-.00391	.05451	.49233	-.00169

#	Element	AD8'6/PB	AD8'5/FB	AD855024	AD855025	AD855026	AD855027
1	Al3082	.03570	10.428	.49449	1.0372	.01900	.45158
2	As1890	.00174	.21521	.01077	.00129	.00645	.00835
3	B_2496	.00135	.20585	2.1287	.07967	.14420	2.5187
4	Ba4934	.00000	.20591	.38358	.04204	.24569	.09190
5	Be3130	.00003	.20464	.00029	.00099	.00028	.00068
6	Ca3179	.05547	10.310	204.37	75.774	140.29	251.66
7	Cd2265	.00014	.20688	-.00006	.01205	-.00010	.00024
8	Co2286	.00043	.20600	.00107	.03956	.00300	.00175
9	Cr2677	.00051	.20537	.00993	.00116	.00231	.00505
10	Cu3247	.00086	.20041	.00274	.22152	.00082	.00740
11	Fe2714	.01949	10.326	15.422	1.2669	4.9695	1.3176
12	K_7664	.01516	10.595	34.026	5.3556	1.6668	289.46
13	Mg2790	.01791	10.320	67.096	10.305	37.598	678.88
14	Mn2576	.00002	.20449	5.1779	2.2846	.43251	.24737
15	Na3302	.07784	10.326	96.729	16.995	30.101	H2636.5
16	Ni2316	.00117	.20739	.00932	.20252	.00336	.00771
17	2203/1	-.00002	.20779	.00140	.02484	-.00123	.00461
18	2203/2	.00096	.20895	.00308	.02848	-.00124	.00956
19	Sb2068	-.00135	.21044	-.00119	-.00156	-.00509	-.00158
20	1960/1	.00977	.21862	.00953	.00811	.00630	.00851
21	1960/2	-.00849	.21309	-.00386	-.00361	-.00441	-.00616
22	Ti3372	-.00005	.20346	.02543	.00031	.00023	.01877
23	Tl1908	.00359	.20991	.00330	.00155	.00307	.00257
24	V_2924	-.00009	.20318	.00169	.00008	.00042	.00792
25	Zn2062	.00116	.20598	.04021	6.1891	.00618	.07263
26	Sn1899	-.00087	.21499	.00025	.00259	.00219	.00097
27	Ag3280	.00000	.05256	.00011	.00016	-.00012	.00020
28	Mo2020	-.00131	.20076	.00106	-.00063	-.00108	.00327
29	*Y	5827.42	5857.2	5747.4	5797.88	5640.45	5228.1
30	PB2203	.00063	.20856	.00252	.02727	-.00124	.00791
31	SE1960	-.00240	.21493	.00060	.00029	-.00084	-.00127

#	Element	AD855028	AD855029	AD8'1:5)	AD8'9/PS	CCV	CCB
1	Al3082	.38899	1.4647	.36432	12.794	25.094	.01695
2	As1890	.00830	.00839	.00400	.22322	.48561	.00269
3	B_2496	2.6449	.15542	.03383	.37074	.48677	.00150
4	Ba4934	.07937	.16840	.03121	.38318	.49122	.00007
5	Be3130	.00071	.00031	-.00013	.20981	.49139	.00010
6	Ca3179	260.55	128.45	23.447	136.85	24.936	.02657
7	Cd2265	.00020	.00024	.00027	.20800	.49113	.00037
8	Co2286	.00114	.00595	.00075	.21341	.48889	-.00031
9	Cr2677	.00508	.00333	.00100	.21187	.50930	.00015
10	Cu3247	.00761	.01484	.00318	.22081	.48447	.00096
11	Fe2714	1.1539	21.122	3.9248	31.408	24.587	.00743
12	K_7664	299.01	5.5384	1.0319	16.930	24.096	.02204
13	Mg2790	703.67	17.750	3.2778	28.027	24.618	.02214
14	Mn2576	.21325	3.0235	.56424	3.1888	.49423	.00018
15	Na3302	H2705.9	26.496	5.0096	36.468	24.360	.15767
16	Ni2316	.00829	.01066	.00163	.21815	.49934	-.00034
17	2203/1	.00630	.00903	.00630	.21336	.49542	.00173
18	2203/2	.00931	.01374	.00171	.21882	.50024	.00156
19	Sb2068	-.00418	-.00269	-.00056	.21483	.50772	-.00295
20	1960/1	.01330	.00523	.00822	.22411	.48891	.00680
21	1960/2	-.00150	-.00220	-.00294	.22353	.50170	-.00230
22	Ti3372	.01528	.05151	.01697	.28647	.51340	-.00001
23	Tl1908	.00193	.00442	.00244	.21422	.50342	-.00072
24	V_2924	.00644	.00754	.00147	.21655	.49278	-.00008
25	Zn2062	.08319	.07850	.01559	.28263	.49968	.00043
26	Sn1899	.00134	.00266	-.00079	.17701	.50955	-.00181
27	Ag3280	.00037	.00020	-.00023	.05308	.50291	.00017
28	Mo2020	.00434	.00068	.00073	.20733	.48911	.00095
29	*Y	5168.55	5673.83	5950.8	5703.75	5718.6	5750.55
30	PB2203	.00831	.01217	.00324	.21701	.49863	.00161
31	SE1960	.00342	.00027	.00077	.22372	.49743	.00073

#	Element	AD8'0/MD	AD8'1/MS	AD855032	AD855033	AD855034	AD8'1:5)
1	Al3082	8.7345	5.0004	.00378	17.070	.01304	.00413
2	As1890	.02250	.05282	.00157	.02948	.00085	.00468
3	B_2496	.17617	.15700	.00065	.21782	.00070	.08082
4	Ba4934	.31017	2.2403	.00028	.67658	.00010	.01252
5	Be3130	.00079	.05162	.00009	.00131	.00018	.00007
6	Ca3179	139.24	129.54	.07505	188.83	.04719	18.104
7	Cd2265	.00176	.05124	.00007	.00663	-.00001	.00017
8	Co2286	.01641	.51868	-.00009	.02402	.00047	.00045
9	Cr2677	.01812	.21527	.00004	.03231	-.00015	.00054
10	Cu3247	.09020	.28553	.00058	.24044	.00063	.00152
11	Fe2714	57.322	29.785	-.00002	68.855	.00618	.23684
12	K_7664	7.0579	5.7684	.00138	15.602	.00553	2.3176
13	Mg2790	20.341	18.285	.00250	28.767	.00038	12.558
14	Mn2576	3.2108	3.5279	.00057	7.8176	.00090	.29574
15	Na3302	27.403	26.255	.00951	62.485	.14572	195.32
16	Ni2316	.03268	.53554	.00101	.07861	.00035	-.00029
17	2203/1	.06222	.04146	-.00157	.21712	-.00182	.00330
18	2203/2	.06470	.04497	.00050	.22171	.00044	-.00130

#	Element	AD8'0/MD	AD8'1/MS	AD855032	AD855033	AD855034	AD8'1:5)
19	Sb2068	-.00210	.10247	-.00258	.00333	-.00422	-.00345
20	1960/1	.01230	.05686	.00859	.01686	.00935	.00172
21	1960/2	.00079	.05134	-.00257	-.00534	-.00681	-.00054
22	Ti3372	.37580	.10015	-.00019	.45388	-.00025	.00042
23	Tl1908	.00408	.05509	-.00042	.00519	.00238	.00025
24	V_2924	.04048	.52997	-.00009	.05558	.00031	.00061
25	Zn2062	.47348	.65599	.00088	3.3197	.00270	.00130
26	Sn1899	.00569	.21294	.00043	.03057	.00118	-.00120
27	Ag3280	.00036	.05214	-.00050	.00075	.00032	-.00051
28	Mo2020	.00271	.00187	-.00146	.00313	-.00129	-.00007
29	*Y	5735.48	5699.85	5694.38	5671.58	5707.5	5736.67
30	PB2203	.06388	.04380	-.00018	.22018	-.00031	.00022
31	SE1960	.00463	.05318	.00114	.00205	-.00142	.00021

#	Element	AD8'5/PB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01744	.19406	533.15	539.69	25.152	.02968
2	As1890	.00005	.01106	.00277	.11449	.49044	.00189
3	B_2496	.00389	.02008	.00187	.00612	.48994	.00120
4	Ba4934	-.00002	.00195	.00063	.54244	.49723	.00005
5	Be3130	-.00021	.00184	.00071	.51206	.49985	.00022
6	Ca3179	.06381	.48629	540.61	541.62	25.076	.03145
7	Cd2265	-.00007	.00112	.00009	1.0283	.49384	.00012
8	Co2286	-.00005	.00383	.00013	.50634	.49285	-.00005
9	Cr2677	.00003	.00407	-.00037	.52828	.51282	.00068
10	Cu3247	.00040	.01040	-.00042	.53915	.48871	.00045
11	Fe2714	.00261	.05541	206.35	102.78	24.775	.01657
12	K_7664	.01001	.48494	.03902	.02075	24.702	.01769
13	Mg2790	-.00383	.19547	533.64	527.08	24.980	.03188
14	Mn2576	.00004	.00300	.00048	.51129	.50160	.00011
15	Na3302	.06315	1.0684	.04877	.08366	24.754	.14634
16	Ni2316	.00002	.00953	.00104	1.0002	.50276	-.00064
17	2203/1	.00148	.00659	.02476	.07584	.50064	-.00014
18	2203/2	.00106	.00518	-.01495	.04144	.50241	.00106
19	Sb2068	.00095	.01690	.00038	.67333	.50624	-.00276
20	1960/1	.00636	.01683	.00655	.04479	.49396	.00439
21	1960/2	-.00269	.00971	-.00567	.05096	.50121	-.00301
22	Ti3372	.00016	.00477	-.00003	.00176	.51693	.00019
23	Tl1908	-.00311	.01811	-.00184	.09672	.49985	.00177
24	V_2924	.00020	.00493	.00035	.53633	.49469	.00021
25	Zn2062	.00163	.01086	-.00216	1.0135	.50631	.00064
26	Sn1899	-.00053	.00784	.00467	.00209	.51072	-.00163
27	Ag3280	-.00006	.00270	.00044	.22700	.50593	-.00036
28	Mo2020	.00027	.00917	-.00265	-.00085	.49625	.00168
29	*Y	5944.88	5808.83	5271.08	5205.67	5680.05	5786.48
30	PB2203	.00120	.00565	-.00172	.05290	.50182	.00066
31	SE1960	.00032	.01209	-.00159	.04891	.49879	-.00054

#	Element	AD8'4/FB	AD855253	AD855254	AD855255	AD855256	AD855257
1	Al3082	9.7732	.22057	.12285	2.2055	3.0437	.13294
2	As1890	.19874	.00209	.00491	.00644	.01273	.00379
3	B_2496	.19369	.06311	.49974	.13536	.07708	2.3005
4	Ba4934	.19479	.03746	.05454	.11402	.10543	.99467
5	Be3130	.19339	-.00012	-.00018	.00000	-.00019	.00017
6	Ca3179	9.8493	53.454	48.146	60.105	25.694	230.82
7	Cd2265	.19602	.00089	.00028	.00016	.00007	.00003
8	Co2286	.19592	.00024	.00035	.00100	.00144	.00624
9	Cr2677	.19588	.00595	.00070	.00266	.00367	.00784
10	Cu3247	.19211	.02032	.00164	.00727	.00618	.00017
11	Fe2714	9.7983	.43298	.64825	1.9279	3.1231	9.1388
12	K_7664	9.7701	3.8709	7.3807	6.0639	7.2669	101.16
13	Mg2790	9.7340	12.844	12.467	15.968	10.198	91.248
14	Mn2576	.19386	.04406	.16194	.09145	.12606	1.1804
15	Na3302	9.7952	44.107	29.528	17.063	3.7297	H537.23
16	Ni2316	.19555	.00203	.00344	.00581	.00645	.03254
17	2203/1	.19530	.01845	.00128	.01270	.00208	-.00084
18	2203/2	.19847	.01837	-.00028	.00983	.00444	.00164
19	Sb2068	.19786	.00469	.00328	.02507	.00142	-.00348
20	1960/1	.18831	.00546	.00232	.00614	.00197	.00594
21	1960/2	.19451	-.00135	-.00379	-.00439	.00109	-.00102
22	Ti3372	.19458	.00800	.00346	.06132	.10004	.00243
23	Tl1908	.19700	.00290	.00131	-.00053	.00140	.00072
24	V_2924	.19452	.00559	.00069	.00500	.00744	.00783
25	Zn2062	.19705	.18266	.00366	.01227	.01182	.00585
26	Sn1899	.20160	.01076	.00008	.00002	-.00094	.00362
27	Ag3280	.05020	-.00008	-.00020	-.00028	-.00144	-.00015
28	Mo2020	.19434	.01162	.00348	.02248	.00765	.00139
29	*Y	5914.05	5848.8	5858.85	5898.23	5875.5	5602.35
30	PB2203	.19742	.01840	.00023	.01079	.00365	.00081
31	SE1960	.19244	.00091	-.00175	-.00087	.00138	.00130

#	Element	AD8'1:5)	AD855258	AD8':20)	AD8'1:5)	CCV	CCB
1	Al3082	.03247	.48365	.03383	.01933	25.153	.03288
2	As1890	.00353	.34272	.01621	.00237	.48945	.00348
3	B_2496	.44955	3.6865	.17738	.04589	.48859	.00065
4	Ba4934	.19770	.05654	.00269	.29001	.49217	.00013
5	Be3130	.00008	.00079	-.00006	-.00009	.49323	.00017
6	Ca3179	46.667	154.34	7.4508	17.190	25.059	.03806
7	Cd2265	.00009	.00044	.00004	.00006	.49508	.00037
8	Co2286	.00122	.03396	.00117	.00005	.49058	.00011
9	Cr2677	.00206	.04540	.00259	.00129	.51238	.00019
10	Cu3247	.00039	.04818	.00238	.00747	.48465	.00073
11	Fe2714	1.8560	4.4344	.21575	.09860	24.779	.02220
12	K_7664	19.506	187.49	7.0879	4.8450	23.966	.03560
13	Mg2790	18.344	159.32	7.6088	8.7778	24.801	.03049
14	Mn2576	.24065	1.4052	.06718	.00609	.49631	.00025
15	Na3302	117.70	H1850.6	146.23	118.43	24.448	.22745
16	Ni2316	.00679	1.0025	.04997	.00811	.50387	.00012
17	2203/1	.00147	.02453	.00349	.00242	.49919	.00324
18	2203/2	.00052	.02204	.00212	.00320	.50264	.00073

#	Element	AD8'1:5)	AD855258	AD8':20)	AD8'1:5)	CCV	CCB
19	Sb2068	-.00573	.02048	-.00234	.00009	.51457	-.00092
20	1960/1	.00631	.01114	.00278	.00078	.49390	.00298
21	1960/2	-.00023	.00701	-.00262	-.00601	.50098	-.00083
22	Ti3372	.00044	.02126	.00078	.00046	.51562	.00010
23	Tl1908	-.00060	-.00344	-.00060	.00038	.50206	.00343
24	V_2924	.00158	.08422	.00379	.00112	.49523	.00052
25	Zn2062	.00141	1.3162	.06362	.09755	.50326	.00033
26	Sn1899	.00099	.01338	-.00045	-.00186	.51471	-.00106
27	Ag3280	.00001	.00019	-.00059	-.00039	.50316	-.00009
28	Mo2020	.00068	.31089	.01363	.00354	.49182	.00082
29	*Y	5772.98	5167.2	5720.62	5746.28	5696.25	5735.85
30	PB2203	.00084	.02287	.00258	.00294	.50149	.00157
31	SE1960	.00195	.00839	-.00082	-.00375	.49862	.00043

#	Element	AD8'9/PB	AD8'/LCS	AD8'EBLK	AD855454	AD8'1:5)	AD8'4/PS
1	Al3082	.00042	.02796	.02581	.39727	.08720	.40101
2	As1890	.00298	1.0088	.00304	.00472	.00119	1.0607
3	B_2496	.00114	.10625	H.10454	.68170	.13215	.67899
4	Ba4934	-.00005	1.0167	H.03036	.95044	.18540	1.9669
5	Be3130	-.00012	.96269	.00023	.00100	.00034	1.0010
6	Ca3179	.02884	.68828	H.68121	281.44	55.683	281.60
7	Cd2265	.00001	1.0222	.00000	.00154	.00034	1.0368
8	Co2286	.00019	.95333	.00025	.02789	.00582	1.0019
9	Cr2677	.00007	.99775	.00183	.00418	.00116	1.0368
10	Cu3247	.00064	1.0137	.00176	.00753	.00161	1.0177
11	Fe2714	.00139	.09734	.02290	3.2633	.65846	3.3641
12	K_7664	.02206	1.1577	H1.1569	9.4127	1.4096	9.3203
13	Mg2790	-.00010	.16230	.16774	21.611	4.3404	21.543
14	Mn2576	.00011	.99459	.00111	6.3297	1.2740	7.2870
15	Na3302	.11192	1209.9	H1213.9	H1252.7	322.13	H1241.0
16	Ni2316	-.00037	1.0069	.00088	.02951	.00588	1.0465
17	2203/1	.00318	.94846	.00046	.01189	.00404	1.0267
18	2203/2	-.00041	.96241	-.00003	.00979	.00388	1.0397
19	Sb2068	.00121	.94199	-.00256	.00042	-.00199	1.0843
20	1960/1	.00483	1.0165	.00149	.01340	.00010	1.0500
21	1960/2	-.00184	1.0465	.00083	-.00127	-.00031	1.0838
22	Ti3372	-.00028	-.00031	.00040	.00146	.00007	.00165
23	Tl1908	.00061	1.0147	.00049	.00011	.00029	1.0536
24	V_2924	-.00009	1.0117	.00044	.00006	.00000	1.0528
25	Zn2062	.00207	1.0456	H.02201	.06747	.01385	1.1039
26	Sn1899	-.00157	.00131	.00049	.00123	-.00085	.00223
27	Ag3280	-.00035	.99929	-.00010	-.00040	-.00012	1.0937
28	Mo2020	-.00013	.97585	.00176	.00120	.00075	1.0306
29	*Y	5899.58	5516.03	5493.3	5320.73	5673.53	5372.7
30	PB2203	.00078	.95776	.00013	.01049	.00394	1.0354
31	SE1960	.00038	1.0365	.00105	.00361	-.00017	1.0725

#	Element	AD8'5/MS	AD8'6/SD	AD8'3/PB	AD8'/LCS	CCV	CCB
1	Al3082	.38450	.39353	.00131	.02961	25.190	.01492
2	As1890	1.0095	1.0317	.00135	1.0071	.48457	.00058
3	B_2496	.68113	.69361	.00134	.09217	.48437	.00065
4	Ba4934	1.9429	1.9859	.00016	1.0080	.49514	.00007
5	Be3130	.96588	.98474	-.00013	.96395	.49206	.00019
6	Ca3179	279.52	285.25	.04908	.80119	24.862	.01780
7	Cd2265	.99330	1.0099	.00007	1.0155	.48753	.00016
8	Co2286	.96342	.98310	.00006	.95081	.48776	.00018
9	Cr2677	.99570	1.0164	.00049	.99522	.50971	.00045
10	Cu3247	1.0379	1.0651	.00053	1.0151	.48647	.00080
11	Fe2714	3.3326	3.4017	.00558	.09730	24.601	.01355
12	K_7664	9.5342	9.6483	.02000	1.1708	23.962	.03198
13	Mg2790	21.575	21.968	-.00150	.17647	24.801	.01704
14	Mn2576	7.2649	7.3916	.00075	.99351	.49402	.00005
15	Na3302	H1248.9	H1268.9	.31180	1134.2	24.617	.20314
16	Ni2316	1.0106	1.0285	.00028	1.0016	.49917	.00010
17	2203/1	.95040	.96358	.00006	.94769	.49326	.00177
18	2203/2	.96349	.98355	.00043	.96286	.49983	-.00121
19	Sb2068	.95131	.96349	-.00239	.93837	.50935	-.00112
20	1960/1	1.0102	1.0289	.00567	1.0034	.48417	.00413
21	1960/2	1.0471	1.0693	.00059	1.0352	.50081	-.00303
22	Ti3372	.00155	.00162	.00027	.00003	.51369	.00016
23	Tl1908	.98780	1.0002	-.00062	.99655	.49710	.00152
24	V_2924	1.0124	1.0364	.00068	1.0074	.49285	.00021
25	Zn2062	1.0680	1.0871	.00214	1.0430	.49799	.00075
26	Sn1899	.00108	.00377	-.00226	.00015	.50972	-.00075
27	Ag3280	1.0352	1.0635	.00017	.99724	.50461	.00003
28	Mo2020	.98181	1.0015	.00140	.98155	.48918	.00059
29	*Y	5389.05	5352.98	5962.05	5484.15	5642.18	5749.58
30	PB2203	.95913	.97690	.00030	.95781	.49764	-.00021
31	SE1960	1.0348	1.0558	.00228	1.0246	.49526	-.00064

#	Element	AD8'EBLK	AD855430	AD855431	AD855432	AD855433	AD855434
1	Al3082	.03190	.07117	2.2133	2.6997	3.0100	1.4509
2	As1890	-.00039	.00322	.00614	.00138	.00421	.03786
3	B_2496	H.09376	.19490	.30093	.15447	.25625	.38768
4	Ba4934	H.01726	.94372	.35540	.31425	1.1529	.31178
5	Be3130	.00028	.00082	.00042	.00071	.00153	.00084
6	Ca3179	H.78248	621.91	11.967	16.792	110.76	24.821
7	Cd2265	.00022	.00130	.00029	.00031	.00113	.00100
8	Co2286	.00004	.01268	.00491	.00515	.05252	.00157
9	Cr2677	H.01312	.00076	.00376	.00632	.00602	.00404
10	Cu3247	.00229	.00359	.06322	.02625	.00759	.03707
11	Fe2714	H.06577	.11435	4.4394	5.4748	33.031	2.1579
12	K_7664	H1.1442	5.6459	8.5602	2.9551	4.7587	6.2355
13	Mg2790	.16539	32.929	2.0193	1.4815	21.418	1.3556
14	Mn2576	.00253	3.8228	.51933	.21610	3.0900	.42060
15	Na3302	H1141.7	H1146.6	H1244.2	H1259.8	H1274.1	H1236.7
16	Ni2316	H.01210	.01520	.00806	.00850	.07628	.00700
17	2203/1	.00535	.03414	.01104	.00232	.02058	.01068
18	2203/2	.00214	.03814	.01217	.00392	.01837	.01015

#	Element	AD8'EBLK	AD855430	AD855431	AD855432	AD855433	AD855434
19	Sb2068	-.00125	.00008	-.00148	-.00023	-.00037	-.00247
20	1960/1	.00498	.00583	.00608	.00942	.01140	.01047
21	1960/2	-.00130	.00009	.00040	-.00164	.00165	-.00178
22	Ti3372	-.00004	.00134	.05545	.05583	.07590	.02515
23	Tl1908	-.00349	.00073	-.00436	-.00112	-.00215	-.00031
24	V_2924	-.00008	.00069	.00358	.00361	.00426	.01336
25	Zn2062	H.01611	.03013	.03622	.06650	.18185	.04592
26	Sn1899	-.00210	.00208	.00291	.00296	.00214	.00081
27	Ag3280	.00001	-.00024	-.00079	.00026	-.00034	-.00010
28	Mo2020	.00085	.00062	.00126	.00000	-.00052	.00090
29	*Y	5455.28	5258.4	5380.12	5463.98	5362.35	5400
30	PB2203	.00321	.03681	.01179	.00338	.01911	.01032
31	SE1960	.00079	.00200	.00229	.00204	.00490	.00230

#	Element	AD855435	AD8'1:5)	AD8'5/PS	AD8'6/MS	CCV	CCB
1	Al3082	.64131	.13363	.63792	.62916	25.143	-.00481
2	As1890	.00532	.00258	1.0652	1.0035	.49390	.00267
3	B_2496	.14065	.02736	.14119	.13917	.49092	.00010
4	Ba4934	.34129	.06653	1.3756	1.3296	.49728	.00003
5	Be3130	.00267	.00059	1.0342	.97820	.49997	.00004
6	Ca3179	20.762	4.1303	20.654	20.500	25.087	.00471
7	Cd2265	.00048	.00020	1.0623	1.0099	.50069	.00002
8	Co2286	.01863	.00379	1.0160	.96588	.49503	-.00022
9	Cr2677	.00097	.00070	1.0535	.99879	.51527	-.00050
10	Cu3247	.00583	.00171	1.0283	1.0244	.48722	.00056
11	Fe2714	.31138	.06090	.40105	.38414	24.910	.00183
12	K_7664	2.5101	.39384	2.4811	2.4634	24.556	.00415
13	Mg2790	5.4778	1.0940	5.4423	5.4007	25.198	-.00135
14	Mn2576	.13467	.02652	1.1754	1.1255	.50214	.00003
15	Na3302	H1094.9	271.63	H1086.3	H1088.4	24.644	.11511
16	Ni2316	.05514	.01062	1.1015	1.0539	.50676	.00016
17	2203/1	.01509	.00569	1.0443	.95646	.50470	-.00007
18	2203/2	.01292	.00124	1.0608	.97367	.50751	.00085
19	Sb2068	-.00108	-.00181	1.0936	.94166	.51263	-.00162
20	1960/1	.00818	.00788	1.0516	.99454	.49091	.00244
21	1960/2	-.00209	-.00721	1.0879	1.0385	.50726	-.00074
22	Ti3372	.00090	.00022	.00139	.00094	.51841	-.00002
23	Tl1908	-.00229	.00279	1.0767	1.0029	.50813	.00077
24	V_2924	.00271	.00052	1.0650	1.0181	.49669	.00032
25	Zn2062	.25772	.05141	1.3253	1.2737	.51122	.00207
26	Sn1899	-.00053	-.00008	.00157	.00107	.51421	-.00109
27	Ag3280	-.00048	-.00024	1.0877	1.0168	.50494	-.00027
28	Mo2020	.00063	-.00159	1.0496	.98023	.49927	.00120
29	*Y	5408.62	5685.15	5439.75	5473.88	5678.33	5673.38
30	PB2203	.01364	.00272	1.0554	.96794	.50657	.00054
31	SE1960	.00132	-.00218	1.0758	1.0238	.50180	.00031

#	Element	AD8'7/SD	AD855438	AD855439	AD855440	AD855441	AD855442
1	Al3082	.63784	.78209	.97900	.33270	1.1737	15.969
2	As1890	1.0113	.00412	.00393	.00891	.00454	.00652
3	B_2496	.13940	.11549	.25381	.11696	.15204	.23346
4	Ba4934	1.3381	.59149	.82276	.55181	.74919	.94491
5	Be3130	.98583	.00082	.00136	.00075	.00057	.00192
6	Ca3179	20.623	562.86	66.260	30.802	247.61	36.737
7	Cd2265	1.0136	.00089	.00079	.00075	.00071	.00046
8	Co2286	.97318	.00454	.01256	.00972	.01005	.02100
9	Cr2677	1.0049	.00146	.00356	.00012	.00231	.02180
10	Cu3247	1.0303	.00069	.00379	.00909	.00270	.02402
11	Fe2714	.39448	.69092	34.742	.26502	.97946	89.863
12	K_7664	2.4675	5.0374	3.1246	4.2759	6.7818	9.3696
13	Mg2790	5.4319	28.494	4.3275	2.7888	8.9174	7.4135
14	Mn2576	1.1327	2.7391	2.0471	5.6208	.99868	1.7433
15	Na3302	H1090.3	H1122.1	H1102.3	H1111.5	H1102.5	H1196.2
16	Ni2316	1.0595	.00345	.02183	.00819	.00585	.04484
17	2203/1	.96551	.00128	.02561	.00678	.00540	.02633
18	2203/2	.98196	.00179	.02461	.00707	.00218	.02699
19	Sb2068	.93972	-.00302	-.00081	-.00210	-.00094	-.00146
20	1960/1	1.0113	.00755	.00709	.00504	.00310	.00865
21	1960/2	1.0340	-.00078	-.00217	.00281	.00208	-.00529
22	Ti3372	.00124	.01564	.00696	.00491	.03318	.25708
23	Tl1908	1.0043	.00298	-.00303	.00028	.00059	-.00064
24	V_2924	1.0233	.00340	.00150	.00077	.00215	.02405
25	Zn2062	1.2839	.04989	.05632	.01817	.01500	.08796
26	Sn1899	.00108	.00100	.00149	.00160	.00201	.00060
27	Ag3280	1.0221	-.00031	.00002	-.00061	.00006	.00038
28	Mo2020	.98771	.00281	.00151	-.00036	.00051	.00071
29	*Y	5437.58	5325.08	5439.23	5380.2	5378.25	5470.58
30	PB2203	.97648	.00162	.02494	.00697	.00325	.02677
31	SE1960	1.0265	.00199	.00091	.00355	.00242	-.00064

#	Element	AD855443	AD855444	AD855445	AD855446	CCV	CCB
1	Al3082	1.6485	.41960	1.1440	.30970	25.048	.01193
2	As1890	.00226	.00437	.00465	.00298	.48311	.00267
3	B_2496	.17959	.23698	.16575	.15577	.48598	.00031
4	Ba4934	.29143	.33378	.34931	.36002	.49659	.00011
5	Be3130	.00034	.00063	.00073	.00041	.49373	.00025
6	Ca3179	63.867	63.578	22.725	116.85	24.718	.01559
7	Cd2265	.00016	.00073	.00063	.00202	.48778	.00031
8	Co2286	.00032	.01318	.00915	.02623	.48702	.00000
9	Cr2677	.00235	.00114	.00265	.00104	.50916	.00024
10	Cu3247	.00354	.00403	.01440	.01986	.48696	.00096
11	Fe2714	.89486	.42095	1.1759	1.0956	24.533	.01052
12	K_7664	2.0424	3.8013	3.6198	2.7575	24.479	.03998
13	Mg2790	3.5126	20.158	3.9045	11.477	24.778	.00579
14	Mn2576	.03286	1.9194	1.5454	2.8356	.49564	.00025
15	Na3302	H1069.0	H1106.1	H1074.3	H1126.6	24.724	.20184
16	Ni2316	.00222	.01385	.01407	.02690	.49804	.00026
17	2203/1	.00104	.00618	.00933	.01696	.49451	.00203
18	2203/2	.00147	.00457	.00672	.01606	.49619	.00109

#	Element	AD855443	AD855444	AD855445	AD855446	CCV	CCB
19	Sb2068	-.00202	-.00056	-.00034	-.00063	.50748	-.00163
20	1960/1	.00563	.00778	.00703	.00280	.48554	.00427
21	1960/2	-.00552	-.00479	.00142	-.00188	.49369	-.00103
22	Ti3372	.03672	.00723	.01950	.00918	.51362	.00015
23	Tl1908	-.00407	.00113	-.00181	.00010	.49172	-.00047
24	V_2924	.00289	.00099	.00157	.00042	.49058	.00032
25	Zn2062	.03262	.06653	.04554	.23959	.49982	.00184
26	Sn1899	-.00139	.00102	-.00018	-.00015	.50375	-.00078
27	Ag3280	-.00037	-.00021	-.00012	.00000	.50354	-.00023
28	Mo2020	.00166	.00042	-.00053	-.00037	.49114	.00155
29	*Y	5420.03	5372.93	5495.78	5386.05	5633.85	5698.5
30	PB2203	.00133	.00510	.00759	.01636	.49563	.00140
31	SE1960	-.00180	-.00059	.00329	-.00032	.49097	.00073

#	Element	AD855447	AD855448	AD855449	AD855450	AD8'1:5)	AD8'1:5)
1	Al3082	5.3462	2.1322	4.6420	11.188	.00715	.00491
2	As1890	.00373	.00259	.01400	.01478	.00146	.00090
3	B_2496	.18179	.12658	.20910	.24746	.03853	.06706
4	Ba4934	.89526	.83324	.81708	.58038	.00520	.02411
5	Be3130	.00052	.00153	.00148	.00158	.00002	.00000
6	Ca3179	55.570	127.44	230.41	46.868	37.453	4.6104
7	Cd2265	.00033	.00124	.00099	.00075	.00025	.00012
8	Co2286	.00697	.02797	.02259	.00976	.00039	.00006
9	Cr2677	.00684	.00545	.00851	.01220	.00051	.00040
10	Cu3247	.01579	.02083	.00972	.01836	.00139	.00063
11	Fe2714	9.6187	13.529	19.615	10.731	-.00286	.04183
12	K_7664	5.2254	3.2016	5.9608	5.8567	3.2461	.80207
13	Mg2790	3.1806	47.325	15.229	5.0502	20.436	1.2096
14	Mn2576	.89369	3.6326	3.6895	3.2814	.00062	.00435
15	Na3302	H1221.9	H1240.6	H1275.2	H1219.5	266.43	123.20
16	Ni2316	.00821	.04656	.03423	.02690	-.00049	-.00037
17	2203/1	.00536	.03369	.02369	.01427	.00225	.00310
18	2203/2	.00471	.03333	.02297	.01274	-.00016	.00034
19	Sb2068	-.00022	.00141	-.00355	-.00069	.00064	.00266
20	1960/1	.00900	.00810	.01211	.01242	.09353	.00699
21	1960/2	-.00234	-.00287	-.00085	-.00450	.09146	-.00410
22	Ti3372	.13354	.03768	.10836	.14418	.00005	-.00003
23	Tl1908	-.00183	-.00009	-.00275	.00019	.00081	-.00028
24	V_2924	.00875	.00277	.00692	.01780	.00012	.00001
25	Zn2062	.06545	.17598	.10818	.07302	.00101	.00054
26	Sn1899	.00146	.00172	.00271	.00331	-.00192	-.00008
27	Ag3280	-.00018	-.00055	-.00063	-.00062	.00000	-.00030
28	Mo2020	.00163	.00137	.00149	.00020	.00149	.00030
29	*Y	5379.45	5340.98	5295.6	5451.83	5616	5754.53
30	PB2203	.00492	.03345	.02321	.01325	.00063	.00126
31	SE1960	.00143	.00078	.00347	.00114	.09215	-.00040

#	Element	AD8'1:5)	AD8'3/PB	AD8'2/FB	AD8'1/PB	CCV	CCB
1	Al3082	.02314	.01188	9.8441	.00907	24.961	.00304
2	As1890	.00070	.00031	.19749	.00244	.48663	.00034
3	B_2496	.07606	.00337	.19552	.00320	.48953	.00016
4	Ba4934	.01423	.00003	.19818	.00001	.49444	.00007
5	Be3130	.00000	-.00010	.19436	-.00032	.49578	.00011
6	Ca3179	15.648	.06271	9.8027	.05371	24.880	.00806
7	Cd2265	.00007	.00018	.19561	.00025	.49736	.00027
8	Co2286	.00012	.00000	.19525	.00025	.49125	.00029
9	Cr2677	.00008	.00064	.19672	.00014	.51142	.00038
10	Cu3247	.00020	.00096	.19296	.00045	.48378	.00122
11	Fe2714	.24833	.00371	9.8239	.01755	24.707	.01239
12	K_7664	1.3723	.03324	9.9653	.01771	24.408	.03052
13	Mg2790	3.7324	.00683	9.7983	-.00593	24.943	.00464
14	Mn2576	.01068	.00016	.19483	.00002	.49811	.00014
15	Na3302	196.35	.26465	9.8197	.04076	24.392	.25472
16	Ni2316	.00010	-.00041	.19549	.00002	.50306	.00045
17	2203/1	-.00184	.00330	.19611	-.00168	.49696	.00130
18	2203/2	.00152	-.00127	.19860	.00132	.50251	.00245
19	Sb2068	-.00111	-.00026	.19503	-.00380	.51021	-.00076
20	1960/1	.00276	.00474	.19323	.00315	.49124	.00365
21	1960/2	-.00242	-.00140	.19545	.00002	.50172	-.00067
22	Ti3372	.00067	.00019	.19493	.00032	.51548	.00043
23	Tl1908	-.00150	.00227	.19641	-.00230	.50507	.00183
24	V_2924	.00082	.00011	.19404	.00030	.49378	.00083
25	Zn2062	.00056	.00214	.19794	.00206	.50550	.00196
26	Sn1899	-.00151	-.00091	.20047	-.00170	.51107	-.00048
27	Ag3280	.00004	-.00044	.04973	-.00026	.50186	-.00013
28	Mo2020	.00054	.00053	.19619	-.00019	.49318	.00100
29	*Y	5693.7	5741.17	5748.6	5912.25	5696.4	5677.95
30	PB2203	.00040	.00025	.19777	.00032	.50066	.00207
31	SE1960	-.00069	.00064	.19471	.00107	.49822	.00076

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.11976	4.34879	21.2444	42.5741	50.278	18.926
2	As1890	.10977	1.28757	5.78699	11.4665	.99669	.36998
3	B_2496	.01564	.41856	2.00273	3.97231	1.0002	.37220
4	Ba4934	.00132	.70566	3.52218	7.05056	1.0012	.37773
5	Be3130	.11437	1.58748	7.43316	14.6032	.99838	.37640
6	Ca3179	.03606			40.8437	50.224	18.814
7	Cd2265	.00309	1.88061	9.29068	18.1537	.99924	.37437
8	Co2286	-.00574	.81083	4.07363	8.06091	1.0029	.37115
9	Cr2677	.00353	.63967	3.18014	6.31227	1.0043	.38692
10	Cu3247	.00883	.49708	2.44076	4.89843	1.0031	.36916
11	Fe2714	-.00097	.70636	3.53054	6.99004	50.148	18.689
12	K_7664	-.23679			151.244	49.941	18.890
13	Mg2790	.00724			21.0376	50.121	18.821
14	Mn2576	.00053	.38718	1.92339	3.81647	1.0003	.37962
15	Na3302	.00919			2.35971	49.786	18.556
16	Ni2316	-.01263	.62916	3.2026	6.32362	1.0029	.38016
17	2203/1	.0243	.54903	2.57048	5.06752	1.0010	.37338
18	2203/2	-.0327	2.77125	14.0809	27.7099	.99933	.37973

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	Sb2068	.00053	.1857	.91638	1.81971	1.0078	.38370
20	1960/1	-.05055	.31434	1.82898	3.62401	1.0177	.37905
21	1960/2	.03606	.47038	2.28154	4.48207	1.0188	.38750
22	Ti3372	-.00388	1.12544	5.64962	11.2439	1.0029	.38886
23	Tl1908	-.01316	.33391	1.70411	3.37495	1.0078	.37693
24	V_2924	.00017	.08544	.4301	.85622	1.0066	.37370
25	Zn2062	.00044	.08343	.41037	.8024	.99709	.38060
26	Sn1899	-.00114	.05696	.29008	.57433	1.0120	.38425
27	Ag3280	-.0411	.60848	3.20647	6.47864	1.0019	.37906
28	Mo2020	.00185	.27263	1.32262	2.62104	.99615	.37303
29	*Y	5656.8	5705.25	5677.73	5592.6	5633.78	5653.58
30	PB2203					.99990	.37762
31	SE1960					1.0185	.38468

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00557	.21088	544.96	539.32	24.896	.02398
2	As1890	.00000	.01026	.00050	.11744	.48334	.00045
3	B_2496	.00296	.02262	.00347	.00809	.48479	.00146
4	Ba4934	.00018	.00210	.00072	.54796	.49704	.00012
5	Be3130	.00017	.00203	.00080	.51797	.49509	.00021
6	Ca3179	.01073	.49200	547.07	543.56	24.744	.01770
7	Cd2265	.00028	.00102	.00042	1.0352	.48850	.00009
8	Co2286	-.00003	.00416	-.00005	.50917	.48694	-.00001
9	Cr2677	-.00014	.00424	.00008	.53052	.50900	-.00038
10	Cu3247	.00099	.00965	.00020	.54087	.48679	.00043
11	Fe2714	.00605	.06242	208.86	103.38	24.548	.01472
12	K_7664	.01287	.47592	.02368	.01484	25.020	.01700
13	Mg2790	.01187	.20461	541.48	532.63	24.689	.01844
14	Mn2576	.00035	.00313	.00063	.51918	.49960	.00024
15	Na3302	.11511	1.0952	.08095	.03799	24.524	.03981
16	Ni2316	.00008	.00957	.00116	1.0043	.49832	-.00068
17	2203/1	.00067	.00562	.02196	.07881	.49412	-.00137
18	2203/2	.00084	.00618	-.01235	.03591	.50124	-.00029
19	Sb2068	.00293	.02299	.00462	.66814	.50321	.00189
20	1960/1	.00324	.01662	-.00574	.05264	.50149	.00374
21	1960/2	.00336	.01991	.00661	.06097	.50891	-.00039
22	Ti3372	.00018	.00517	.00049	.00188	.51292	.00021
23	Tl1908	-.00207	.02026	-.00588	.10191	.49000	-.00098
24	V_2924	.00031	.00545	.00132	.53742	.49077	.00071
25	Zn2062	.00030	.01189	-.00250	1.0173	.49622	.00189
26	Sn1899	.00046	.00748	.00253	.00110	.50719	-.00132
27	Ag3280	.00017	.00341	.00060	.22624	.50035	.00005
28	Mo2020	.00143	.00964	-.00332	.00260	.49020	.00013
29	*Y	5688.45	5792.4	5053.58	5182.2	5612.7	5741.48
30	PB2203	.00079	.00599	-.00092	.05019	.49887	-.00065
31	SE1960	.00332	.01881	.00249	.05819	.50643	.00098

#	Element	AD8'0/FB	AD855002	AD855003	AD855004	AD855014	AD855015
1	Al3082	9.7537	.03255	.03155	.01903	.15625	.11090
2	As1890	.19596	.00299	.04613	.00025	.01641	.03853
3	B_2496	.19225	.01684	.06094	.02229	1.4237	2.3138
4	Ba4934	.19618	.07293	.11507	.06428	.28354	.60949
5	Be3130	.19157	-.00003	-.00006	-.00011	.00070	.00071
6	Ca3179	9.7126	181.88	116.53	84.554	478.37	634.72
7	Cd2265	.19283	.00019	.00001	.00034	.00001	.00000
8	Co2286	.19323	.00032	.00967	.00276	.00066	.00848
9	Cr2677	.19430	-.00002	.00007	.00042	.02003	.02186
10	Cu3247	.19086	.00065	.00004	.00248	-.00093	-.00072
11	Fe2714	9.8423	2.3012	20.905	.08413	.04118	1.0208
12	K_7664	9.9782	1.4179	.88544	1.8564	35.635	115.70
13	Mg2790	9.6400	64.305	67.020	44.888	195.70	218.74
14	Mn2576	.19336	.22945	.07935	.16781	9.3006	10.223
15	Na3302	9.6866	7.7644	20.041	5.9230	112.32	269.28
16	Ni2316	.19409	.00168	.01765	.00567	.01940	.05302
17	2203/1	.18969	-.00042	-.00135	-.00094	-.00026	-.00049
18	2203/2	.19592	.00025	.00244	.00021	.00057	.00084
19	Sb2068	.19474	.00075	-.00235	.00031	.00618	.00602
20	1960/1	.19499	.00346	-.00060	.00568	.00087	.00021
21	1960/2	.20148	.00113	-.00022	-.00053	-.00249	.00169
22	Ti3372	.19274	.00027	.00070	.00054	.01006	.00633
23	Tl1908	.19180	-.00420	-.00412	-.00042	.00064	-.00067
24	V_2924	.19252	.00034	.00055	.00049	.02038	.03607
25	Zn2062	.19109	.01271	.00895	.00735	.01885	.00959
26	Sn1899	.20101	.00285	.00108	.00077	-.00004	.00140
27	Ag3280	.04991	.00018	.00014	-.00018	-.00026	-.00058
28	Mo2020	.19153	.00229	.00291	.00064	.00034	.00120
29	*Y	5823.38	5865.3	5785.28	5798.62	5420.33	5312.25
30	PB2203	.19384	.00002	.00118	-.00016	.00029	.00039
31	SE1960	.19932	.00191	-.00035	.00153	-.00137	.00120

#	Element	AD8'1:5)	AD855005	AD8'1:5)	AD8'5/PS	CCV	CCB
1	Al3082	.02713	.10461	.02380	10.650	24.992	.02999
2	As1890	.00739	.01980	.00376	.21987	.48309	-.00152
3	B_2496	.44992	.31648	.06659	.52265	.48881	.00319
4	Ba4934	.11836	.36564	.07212	.57628	.49765	.00021
5	Be3130	.00012	.00000	-.00001	.19880	.49871	.00024
6	Ca3179	122.57	206.07	41.145	216.34	24.787	.02753
7	Cd2265	.00005	.00002	.00005	.19544	.48868	.00029
8	Co2286	.00146	.00064	-.00014	.19475	.48837	.00055
9	Cr2677	.00352	.00010	.00042	.19791	.50980	.00018
10	Cu3247	-.00005	.00058	.00029	.19866	.48792	.00035
11	Fe2714	.19671	26.543	5.3642	36.544	24.611	.02604
12	K_7664	23.127	7.2627	1.3203	18.779	25.409	-.00289
13	Mg2790	42.939	111.31	22.062	121.64	24.874	.02568
14	Mn2576	2.0852	.15464	.03138	.35275	.50148	.00017
15	Na3302	53.963	79.283	15.293	89.438	24.507	.00549
16	Ni2316	.01075	.01863	.00335	.21273	.49781	.00029
17	2203/1	-.00142	-.00194	-.00040	.18976	.49937	-.00218
18	2203/2	.00167	.00024	.00088	.19789	.49939	.00008

#	Element	AD8'1:5)	AD855005	AD8'1:5)	AD8'5/PS	CCV	CCB
19	Sb2068	.00062	.00235	.00312	.20015	.50343	-.00010
20	1960/1	-.00276	.00169	.00286	.20233	.51374	-.00285
21	1960/2	.00583	.00258	.00109	.20624	.51322	.00318
22	Ti3372	.00102	.00049	.00001	.20115	.51242	.00024
23	Tl1908	-.00232	-.00117	.00173	.19565	.49455	-.00052
24	V_2924	.00698	.00178	-.00001	.20144	.49007	.00020
25	Zn2062	.00213	.02737	.00602	.21816	.49855	.00170
26	Sn1899	-.00199	-.00011	.00108	.16788	.50925	.00046
27	Ag3280	-.00004	.00012	-.00004	.05169	.49974	.00043
28	Mo2020	.00163	.00022	.00037	.20135	.49350	.00021
29	*Y	5686.88	5685.67	5739.53	5683.12	5617.05	5685.3
30	PB2203	.00064	-.00048	.00045	.19518	.49939	-.00067
31	SE1960	.00296	.00228	.00168	.20494	.51339	.00117

#	Element	AD8'6/MS	AD8'7/SD	AD855008	AD855009	AD855010	AD855011
1	Al3082	10.038	9.8728	.02302	.02213	.02434	.02429
2	As1890	.21990	.21628	.01031	.00426	-.00226	.00184
3	B_2496	.48584	.47989	.01858	.02920	.01823	.02865
4	Ba4934	.56203	.54995	.07317	.04120	.11601	.04604
5	Be3130	.19430	.19213	-.00014	-.00003	-.00008	-.00010
6	Ca3179	211.18	208.83	66.148	116.03	113.21	91.214
7	Cd2265	.19041	.18999	.00013	-.00009	.00021	-.00002
8	Co2286	.19126	.19045	.00009	.00200	.00048	.00029
9	Cr2677	.19587	.19292	.00015	.00033	.00043	.00055
10	Cu3247	.19723	.19390	.00044	.00001	.00185	.00035
11	Fe2714	36.111	35.399	1.4483	2.7520	.00884	.00392
12	K_7664	16.989	16.713	.76847	1.5172	1.0021	.99090
13	Mg2790	119.58	117.52	35.985	61.200	46.497	45.252
14	Mn2576	.34657	.34430	.07529	.23620	.24785	.00241
15	Na3302	87.456	85.748	5.1945	8.7466	2.4498	4.2850
16	Ni2316	.20712	.20580	.00153	.00164	.00328	.00042
17	2203/1	.19230	.18452	-.00188	.00231	-.00017	-.00049
18	2203/2	.19236	.19322	.00120	-.00003	.00045	.00138
19	Sb2068	.20136	.19916	.00279	.00187	.00104	.00129
20	1960/1	.20611	.19724	.00062	.00321	-.00002	.00051
21	1960/2	.20276	.19829	.00243	.00120	.00155	-.00059
22	Ti3372	.19633	.19379	.00021	.00028	.00051	.00050
23	Tl1908	.19393	.19305	.00036	-.00229	-.00187	-.00340
24	V_2924	.19661	.19439	.00037	.00034	.00182	.00070
25	Zn2062	.19526	.21137	.00904	.00423	.00624	.01177
26	Sn1899	.20099	.20110	-.00039	.00138	-.00086	.00107
27	Ag3280	.05146	.05069	-.00015	-.00004	.00041	-.00017
28	Mo2020	.19497	.19093	.00203	.00075	.00041	-.00030
29	*Y	5638.65	5709.08	5806.05	5788.05	5758.05	5801.1
30	PB2203	.19234	.19032	.00017	.00074	.00024	.00075
31	SE1960	.20387	.19794	.00183	.00187	.00103	-.00022

#	Element	AD855012	AD855013	AD855018	AD855019	CCV	CCB
1	Al3082	.01913	.02464	.04018	.02834	24.977	-.00133
2	As1890	-.00104	.00114	.00293	-.00058	.48441	.00021
3	B_2496	.03249	.03321	.07059	.00594	.49011	.00264
4	Ba4934	.20631	.06660	.40022	.00013	.49939	.00007
5	Be3130	-.00008	-.00006	.00034	.00008	.50124	.00014
6	Ca3179	94.921	91.632	236.74	.12852	24.767	.00539
7	Cd2265	-.00001	.00015	.00016	.00014	.49264	.00006
8	Co2286	.00038	.00058	.00128	.00021	.49094	-.00013
9	Cr2677	-.00016	.00015	.00054	-.00003	.51086	-.00026
10	Cu3247	.00241	.00252	-.00064	.00028	.48881	.00081
11	Fe2714	.00523	.03725	.00735	.01307	24.705	-.00913
12	K_7664	2.4184	2.4597	6.5501	-.00987	25.627	-.01528
13	Mg2790	49.901	48.840	65.448	.01208	24.980	.00486
14	Mn2576	.00203	.00482	1.0238	.00027	.50432	.00011
15	Na3302	19.496	16.996	21.212	.10994	24.476	.03131
16	Ni2316	.00202	.00235	.00235	.00016	.50065	-.00042
17	2203/1	-.00362	.00090	-.00289	-.00018	.49570	.00106
18	2203/2	.00333	.00001	.00023	.00121	.50296	-.00076
19	Sb2068	.00230	.00164	.00079	.00234	.50164	.00210
20	1960/1	.00074	.00220	.00232	.00089	.50281	-.00542
21	1960/2	.00472	.00101	.00604	.00399	.50742	.00000
22	Ti3372	.00046	.00015	.00028	.00001	.51382	-.00006
23	Tl1908	-.00043	.00146	-.00055	-.00324	.49264	.00222
24	V_2924	.00282	.00040	.00011	.00000	.49123	-.00009
25	Zn2062	.00726	.01335	.00642	.00428	.50083	.00097
26	Sn1899	.00162	-.00001	-.00106	-.00205	.51035	-.00002
27	Ag3280	-.00004	-.00007	.00029	.00017	.50098	-.00021
28	Mo2020	.00069	.00031	.00094	-.00094	.49456	.00217
29	*Y	5781.98	5757.38	5517.3	5563.2	5604.98	5606.55
30	PB2203	.00101	.00031	-.00080	.00075	.50055	-.00015
31	SE1960	.00339	.00141	.00480	.00296	.50588	-.00181

#	Element	AD8'2/PB	AD8'1/FB	AD855504	AD855505	AD855511	AD855512
1	Al3082	.00995	10.865	.03064	.00699	.05173	.04886
2	As1890	-.00206	.22337	.00362	.00038	-.00052	.00099
3	B_2496	.00314	.21702	.10392	.09956	.02077	.01825
4	Ba4934	.00008	.21677	.07183	.09548	.01434	.01211
5	Be3130	.00026	.21625	.00039	.00040	.00025	.00018
6	Ca3179	.00766	10.773	66.243	162.51	9.8381	8.6535
7	Cd2265	.00000	.21623	-.00015	-.00032	-.00005	.00002
8	Co2286	.00063	.21689	.00072	.00446	.00088	.00044
9	Cr2677	-.00082	.21426	-.00038	-.00082	.00036	.00049
10	Cu3247	-.00019	.20967	.00070	.00050	.00171	.00190
11	Fe2714	-.00079	10.623	.08412	.14520	.58496	.64940
12	K_7664	-.03909	H12.732	7.3101	6.9836	2.9510	2.4225
13	Mg2790	.00602	11.043	49.882	50.117	1.9762	1.9470
14	Mn2576	.00001	.21742	.24768	3.2602	.04242	.05214
15	Na3302	-.17230	10.880	13.581	9.4924	21.661	21.981
16	Ni2316	.00164	.21896	.00623	.01438	.00283	.00197
17	2203/1	-.00530	.21488	-.00713	-.00484	-.00612	-.00346
18	2203/2	.00221	.21850	.00301	.00079	.00474	.00420

#	Element	AD8'2/PB	AD8'1/FB	AD855504	AD855505	AD855511	AD855512
19	Sb2068	-.00044	.20596	-.00052	-.00072	.00138	.00109
20	1960/1	.00482	.24193	.00789	.00946	.00558	.00640
21	1960/2	-.00238	.23544	-.00274	-.00210	.00360	-.00127
22	Ti3372	-.00057	.20931	.00052	-.00050	.00069	.00057
23	Tl1908	-.00011	.21868	.00072	.00615	.00051	-.00078
24	V_2924	.00030	.21086	.00083	.00000	.00050	.00040
25	Zn2062	.00352	.21687	.00358	.01681	.00454	.00447
26	Sn1899	-.00120	.19030	.00194	.00176	-.00021	.00053
27	Ag3280	.00006	.05401	.00042	-.00032	.00045	.00002
28	Mo2020	-.00134	.18977	.00207	-.00021	.00089	-.00070
29	*Y	5689.12	5568.98	5620.35	5527.43	5649.6	5607.9
30	PB2203	-.00028	.21730	-.00036	-.00108	.00112	.00164
31	SE1960	.00001	H.23760	.00079	.00175	.00426	.00128

#	Element	AD855513	AD855514	AD855515	AD855516	CCV	CCB
1	Al3082	.04887	.09257	1.7232	.60005	24.908	.00302
2	As1890	.00289	.00283	.00821	.01086	.48725	.00022
3	B_2496	.02027	.16136	.38034	.38427	.49192	.00327
4	Ba4934	.01439	.01514	.04887	.03803	.49852	.00016
5	Be3130	.00030	.00071	.00216	.00199	.50463	.00030
6	Ca3179	9.8430	47.346	79.060	78.979	24.841	.00728
7	Cd2265	-.00012	.00009	.00075	-.00009	.49509	.00025
8	Co2286	.00088	.00166	.00422	.00338	.49163	.00025
9	Cr2677	.00004	-.00029	.00018	-.00021	.51155	-.00010
10	Cu3247	.00136	.01843	.00827	.00961	.48776	.00060
11	Fe2714	.58515	.02723	.14093	.07602	24.792	.00987
12	K_7664	2.9530	14.772	33.605	35.062	25.526	-.00197
13	Mg2790	1.9811	17.141	29.305	30.271	25.198	.00701
14	Mn2576	.04225	.03360	.29330	.12472	.50642	.00011
15	Na3302	22.203	H2959.9	H4686.9	H4758.6	24.688	.22501
16	Ni2316	.00265	.00764	.06734	.03397	.50285	.00048
17	2203/1	-.00244	-.00613	-.00409	-.00898	.49858	-.00121
18	2203/2	.00329	.00224	.00081	.00411	.50407	.00107
19	Sb2068	-.00253	.00136	.00037	.00490	.50405	.00097
20	1960/1	.00308	.01806	.03236	.03045	.50809	-.00312
21	1960/2	-.00018	.00401	.01911	.02130	.51861	.00192
22	Ti3372	.00044	-.00023	-.00057	-.00046	.51385	.00019
23	Tl1908	.00241	-.00081	.00109	.00388	.49621	.00229
24	V_2924	.00061	.00064	.00317	.00858	.49230	.00042
25	Zn2062	.00475	.00802	.02461	.00402	.50493	.00131
26	Sn1899	.00145	-.00409	-.00025	-.00004	.51155	-.00066
27	Ag3280	.00034	.00079	.00053	.00053	.50057	.00007
28	Mo2020	-.00013	.01376	.02632	.03227	.49810	.00178
29	*Y	5647.73	4917.38	4006.65	3869.25	5571.6	5551.12
30	PB2203	.00137	-.00054	-.00081	-.00024	.50224	.00031
31	SE1960	.00090	.00869	.02353	.02435	.51510	.00024

#	Element	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD	AD855519	AD855520
1	Al3082	.10539	14.379	13.537	13.496	1.0445	2.2238
2	As1890	.00006	.28216	.28134	.27982	.00652	.02839
3	B_2496	.06610	.63938	.62699	.62321	.37806	.35518
4	Ba4934	.00678	.29796	.28235	.27464	.04753	.04922
5	Be3130	.00086	.22306	.21727	.21158	.00220	.00239
6	Ca3179	14.328	89.006	89.547	88.791	79.885	75.161
7	Cd2265	.00004	.23478	.23154	.23335	.00078	.00016
8	Co2286	.00116	.23645	.23248	.23081	.00553	.00302
9	Cr2677	-.00023	.24146	.23846	.23460	.00067	.00060
10	Cu3247	.00176	.27185	.26817	.26990	.01081	.09534
11	Fe2714	.02280	11.995	11.765	11.677	.24553	.41814
12	K_7664	4.2552	64.926	63.867	59.940	34.600	32.072
13	Mg2790	5.6055	41.407	41.303	40.297	29.976	27.855
14	Mn2576	.02198	.36452	.36082	.35585	.49646	.06330
15	Na3302	H1871.5	H4691.7	H4696.7	H4691.1	H4695.0	H4508.1
16	Ni2316	.00616	.25890	.25605	.25235	.06760	.05366
17	2203/1	-.00226	.23426	.23165	.23188	-.00598	-.00353
18	2203/2	-.00037	.24635	.24544	.24048	.00186	.00175
19	Sb2068	.00286	.26461	.26504	.26719	-.00484	.00217
20	1960/1	.00531	.37103	.36731	.36795	.03385	.02731
21	1960/2	.00221	.35829	.35747	.35429	.02382	.02052
22	Ti3372	-.00050	.23934	.23320	.23592	-.00089	-.00035
23	Tl1908	.00064	.22227	.22301	.22328	.00286	.00214
24	V_2924	.00140	.25357	.24754	.24773	.00216	.08766
25	Zn2062	.00088	.25239	.24468	.24074	.01317	.01346
26	Sn1899	-.00379	.19711	.23690	.24221	-.00014	-.00080
27	Ag3280	-.00027	.05269	.03909	.03757	.00007	.00037
28	Mo2020	.00717	.27552	.27210	.26633	.01739	.03017
29	*Y	5103.83	3896.48	3941.78	4018.8	3962.18	4010.85
30	PB2203	-.00100	.24232	.24085	.23762	-.00075	.00000
31	SE1960	.00324	.36254	.36074	.35884	.02716	.02279

#	Element	AD8'3/PB	AD8'2/FB	AD855484	AD855485	CCV	CCB
1	Al3082	-.00107	10.943	2.1257	1.0830	24.684	-.00087
2	As1890	-.00110	.22718	.00540	.00799	.48516	.00110
3	B_2496	.00277	.21944	.35341	.36654	.48845	.00249
4	Ba4934	.00026	.21665	.05442	.05151	.49512	.00019
5	Be3130	.00026	.21735	.00294	.00262	.50247	.00030
6	Ca3179	.01214	10.935	87.388	90.143	24.673	.00904
7	Cd2265	-.00006	.22194	.00297	.00101	.49031	.00006
8	Co2286	.00053	.22060	.00615	.00622	.48976	.00042
9	Cr2677	-.00007	.21676	-.00023	.00049	.50879	.00000
10	Cu3247	.00048	.21049	.04226	.01978	.48302	.00101
11	Fe2714	-.00843	10.800	1.1369	.36114	24.627	.00033
12	K_7664	-.04694	H12.539	32.522	33.949	25.399	-.02288
13	Mg2790	.01152	11.105	30.481	31.339	25.067	.01197
14	Mn2576	.00008	.21930	.54090	.53348	.50268	.00025
15	Na3302	H2.8738	H11.777	H4483.0	H4574.0	24.691	.47274
16	Ni2316	.00194	.22130	.07574	.06804	.50031	.00018
17	2203/1	-.00478	.21603	-.00485	-.00354	.49204	-.00194
18	2203/2	.00189	.22332	.00264	-.00227	.50283	-.00011

#	Element	AD8'3/PB	AD8'2/FB	AD855484	AD855485	CCV	CCB
19	Sb2068	.00114	.21025	.00322	.00439	.49633	-.00043
20	1960/1	.00694	.24223	.03127	.03267	.50432	-.00513
21	1960/2	-.00409	.23366	.01799	.01773	.50809	.00138
22	Ti3372	-.00038	.21292	-.00069	-.00062	.51019	-.00006
23	Tl1908	.00131	.22365	.00426	.00158	.48788	-.00083
24	V_2924	-.00010	.21526	.00144	.00279	.48843	-.00009
25	Zn2062	.00074	.22046	.03443	.01432	.50262	.00097
26	Sn1899	.00242	.19208	-.00031	-.00134	.50624	.00058
27	Ag3280	-.00020	.05401	.00007	.00028	.49696	-.00053
28	Mo2020	-.00141	.19437	.00934	.01671	.49359	.00113
29	*Y	5631.08	5652.98	3862.65	3903.68	5633.55	5584.73
30	PB2203	-.00032	.22089	.00014	-.00269	.49924	-.00072
31	SE1960	-.00041	H.23651	.02242	.02271	.50683	-.00079

#	Element	AD855486	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD	AD855489
1	Al3082	.18247	.03104	14.295	13.621	13.756	.27462
2	As1890	.00825	.00190	.28791	.29227	.29424	.00557
3	B_2496	.35242	.05788	.62704	.61758	.63072	.36718
4	Ba4934	.03789	.00631	.29913	.28789	.29202	.03427
5	Be3130	.00203	.00063	.22839	.22514	.22824	.00229
6	Ca3179	85.653	14.724	96.943	98.217	100.28	87.097
7	Cd2265	.00019	.00008	.24814	.24709	.24727	.00000
8	Co2286	.00350	.00113	.24567	.24401	.24654	.00331
9	Cr2677	-.00022	-.00006	.24692	.24655	.24940	.00007
10	Cu3247	.01316	.00266	.28142	.28212	.28747	.01506
11	Fe2714	.10546	.01082	12.417	12.349	12.452	.10288
12	K_7664	32.970	3.8248	61.240	60.851	62.605	34.955
13	Mg2790	30.495	5.4037	42.254	42.458	43.423	31.587
14	Mn2576	.32343	.05475	.57086	.57402	.58657	.16381
15	Na3302	H4520.9	H1709.5	H4529.3	H4551.3	H4619.0	H4651.7
16	Ni2316	.03301	.00607	.26652	.26500	.26790	.02395
17	2203/1	-.00390	-.00258	.24168	.24042	.24839	-.00436
18	2203/2	-.00024	.00099	.25379	.25839	.25612	.00270
19	Sb2068	.00471	-.00329	.27185	.27582	.27652	.00034
20	1960/1	.03181	.00877	.37276	.37111	.37574	.02808
21	1960/2	.01722	.00168	.36343	.37097	.36545	.02172
22	Ti3372	-.00071	-.00026	.24983	.24756	.25019	-.00068
23	Tl1908	.00289	.00089	.23743	.23903	.23127	-.00174
24	V_2924	.00229	.00024	.25666	.25351	.25640	.00333
25	Zn2062	.00370	.00152	.25837	.25454	.25643	.00247
26	Sn1899	-.00192	-.00282	.20863	.25377	.25476	-.00206
27	Ag3280	-.00002	-.00056	.05464	.05764	.05808	.00010
28	Mo2020	.02351	.00557	.26981	.27084	.27782	.02833
29	*Y	4013.03	5292.45	3908.7	3947.7	3878.33	3824.85
30	PB2203	-.00146	-.00019	.24976	.25241	.25355	.00035
31	SE1960	.02208	.00405	.36654	.37102	.36887	.02384

#	Element	AD855490	AD855491	AD855492	AD855493	CCV	CCB
1	Al3082	.54622	.90995	.03650	.03798	24.509	.00302
2	As1890	.00882	.00892	.00395	.00276	.48019	-.00025
3	B_2496	.36372	.35749	.15638	.16086	.48286	.00138
4	Ba4934	.02873	.02458	.02895	.02775	.48851	.00020
5	Be3130	.00225	.00211	.00065	.00062	.49291	.00022
6	Ca3179	83.467	79.897	58.353	59.515	24.495	.01183
7	Cd2265	-.00002	.00000	.00000	.00009	.48783	.00019
8	Co2286	.00266	.00323	.00233	.00225	.48487	.00018
9	Cr2677	.00006	-.00022	.00007	.00007	.50432	.00020
10	Cu3247	.01497	.01531	.01225	.01024	.47929	.00072
11	Fe2714	.09439	.07691	.03807	.03833	24.374	.00480
12	K_7664	34.671	34.237	15.049	15.586	24.796	.00168
13	Mg2790	30.603	29.008	20.325	20.852	24.633	.01073
14	Mn2576	.06777	.02183	.18551	.15251	.49464	.00022
15	Na3302	H4627.8	H4570.3	H2876.1	H2953.7	24.840	.59501
16	Ni2316	.02073	.01838	.02283	.01880	.49433	.00002
17	2203/1	-.00460	-.00593	-.00246	-.00340	.49034	-.00150
18	2203/2	.00332	.00067	.00088	.00224	.50163	.00148
19	Sb2068	.00472	-.00301	-.00176	.00394	.49730	.00183
20	1960/1	.03194	.03380	.01744	.01658	.50251	-.00269
21	1960/2	.02129	.02370	.00936	.00547	.50240	.00272
22	Ti3372	-.00060	-.00085	-.00027	-.00043	.50652	.00016
23	Tl1908	-.00056	.00063	.00096	.00064	.48833	-.00197
24	V_2924	.00348	.00563	.00131	.00109	.48495	.00031
25	Zn2062	.00278	.00131	.00599	.00555	.49593	.00128
26	Sn1899	-.00064	-.00249	-.00374	-.00257	.50533	-.00046
27	Ag3280	.00008	.00046	-.00012	-.00009	.49318	-.00016
28	Mo2020	.03006	.02776	.01275	.01179	.48702	.00117
29	*Y	3828.9	3920.03	5040.75	5001.9	5729.25	5662.88
30	PB2203	.00068	-.00152	-.00022	.00036	.49787	.00048
31	SE1960	.02484	.02706	.01206	.00918	.50243	.00092

#	Element	AD855494	AD855495	AD855496	AD855497	AD855498	AD855499
1	Al3082	.24908	.47406	1.7525	1.3774	1.0427	.39409
2	As1890	.00382	.00586	.00292	.00071	.00519	.00364
3	B_2496	.15333	.15174	.15620	.16140	.16034	.15868
4	Ba4934	.02034	.01889	.04192	.04039	.03848	.03534
5	Be3130	.00057	.00057	.00098	.00094	.00092	.00075
6	Ca3179	55.758	53.804	60.018	60.654	60.173	59.914
7	Cd2265	.00027	.00253	.00067	.00053	.00026	.00026
8	Co2286	.00165	.00209	.00433	.00423	.00472	.00405
9	Cr2677	-.00048	.00043	.00175	-.00017	-.00061	.00031
10	Cu3247	.01643	.02368	.11135	.03232	.01296	.02973
11	Fe2714	.04135	.04212	2.4507	.84517	.56997	.24332
12	K_7664	14.821	14.660	14.529	15.311	15.138	14.880
13	Mg2790	19.838	19.039	20.053	20.590	20.532	20.386
14	Mn2576	.03008	.00957	.46817	.42970	.45260	.44497
15	Na3302	H2877.1	H2864.2	H2806.4	H2903.0	H2895.7	H2891.5
16	Ni2316	.01051	.01017	.06519	.05502	.05289	.04380
17	2203/1	-.00619	-.00309	-.00208	-.00499	-.00354	-.00383
18	2203/2	.00027	.00121	.00125	.00090	.00181	-.00051

#	Element	AD855494	AD855495	AD855496	AD855497	AD855498	AD855499
19	Sb2068	-.00148	-.00047	-.00142	-.00116	.00328	.00129
20	1960/1	.02020	.02672	.01576	.02190	.01765	.01904
21	1960/2	.00619	.00569	.00882	.00816	.00691	.00348
22	Ti3372	-.00061	-.00038	.00025	-.00040	-.00035	-.00059
23	Tl1908	-.00096	-.00154	.00300	-.00008	.00287	.00175
24	V_2924	.00153	.00235	.00042	.00047	.00036	.00037
25	Zn2062	.00318	.00839	.10204	.06980	.05215	.05328
26	Sn1899	-.00308	-.00235	-.00340	-.00434	-.00244	-.00193
27	Ag3280	.00005	.00018	.00005	-.00015	-.00004	.00002
28	Mo2020	.01232	.01306	.00011	.00168	.00124	.00339
29	*Y	5072.55	5055.83	5132.18	5066.78	5046.08	5065.05
30	PB2203	-.00188	-.00021	.00014	-.00106	.00002	-.00162
31	SE1960	.01086	.01270	.01114	.01274	.01049	.00866

#	Element	AD855500	AD855501	AD8'3/PB	AD8'2/FB	CCV	CCB
1	Al3082	.20208	.07727	.00561	9.7591	24.136	.00784
2	As1890	.00263	.00233	-.00004	.19703	.47438	-.00091
3	B_2496	.15319	.15837	.00492	.19654	.47534	.00244
4	Ba4934	.03407	.03040	.00005	.19648	.48201	.00022
5	Be3130	.00078	.00067	-.00027	.19508	.48748	.00024
6	Ca3179	58.529	59.016	.04958	9.7807	24.219	.01310
7	Cd2265	.00006	.00029	.00009	.19512	.48510	.00025
8	Co2286	.00391	.00284	.00034	.19513	.47918	.00007
9	Cr2677	-.00004	-.00022	-.00017	.19590	.49710	.00000
10	Cu3247	.00871	.01210	.00016	.19136	.47218	.00053
11	Fe2714	.03903	.05911	-.00641	9.8057	24.098	.00545
12	K_7664	14.332	15.225	-.00779	10.027	24.644	-.02165
13	Mg2790	19.877	20.505	.00818	9.7782	24.393	.01540
14	Mn2576	.41293	.33999	.00007	.19500	.49022	.00026
15	Na3302	H2822.1	H2910.5	H1.2097	9.8746	24.989	.58926
16	Ni2316	.03782	.02854	.00020	.19581	.49031	.00042
17	2203/1	-.00293	-.00488	-.00068	.19546	.48751	.00035
18	2203/2	.00007	.00350	.00011	.19790	.49222	-.00034
19	Sb2068	.00048	.00251	-.00029	.19518	.48874	.00047
20	1960/1	.01675	.01333	-.00135	.20197	.49194	.00236
21	1960/2	.00452	.00468	-.00123	.19574	.50208	.00447
22	Ti3372	-.00058	-.00035	.00005	.19353	.49999	.00010
23	Tl1908	.00203	.00142	.00106	.19520	.48948	.00012
24	V_2924	.00071	.00049	-.00010	.19277	.47864	-.00020
25	Zn2062	.03341	.01747	.00180	.19424	.49165	.00115
26	Sn1899	-.00312	-.00351	.00009	.20275	.50074	-.00028
27	Ag3280	.00033	.00013	-.00067	.04916	.48509	-.00040
28	Mo2020	.00529	.00729	.00168	.19199	.48013	.00059
29	*Y	5111.1	5052	5959.73	5949.08	5788.95	5728.35
30	PB2203	-.00092	.00071	-.00015	.19709	.49065	-.00010
31	SE1960	.00859	.00756	-.00127	.19781	.49870	.00376

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.1222	4.26229	20.896	41.6292	50.348	19.047
2	As1890	.10487	1.25385	5.81378	11.3874	.99303	.37041
3	B_2496	.02061	.41469	1.99692	3.95306	1.0037	.37305
4	Ba4934	.00163	.69389	3.5023	6.96368	1.0097	.38271
5	Be3130	.11617	1.5808	7.51838	14.7012	1.0031	.38060
6	Ca3179	.03674			40.429	49.895	18.878
7	Cd2265	.00327	1.87316	9.24366	18.0759	.98225	.37222
8	Co2286	-.00612	.80642	4.06435	8.0184	.99490	.37161
9	Cr2677	.00267	.62979	3.1625	6.25365	1.0021	.39042
10	Cu3247	.00828	.48382	2.41935	4.79992	1.0082	.37377
11	Fe2714	.00025	.70203	3.52129	6.95376	49.920	18.766
12	K_7664	-.23724			154.358	50.304	19.063
13	Mg2790	.00931			21.0966	50.067	18.963
14	Mn2576	.00138	.38437	1.92808	3.80924	1.0010	.38225
15	Na3302	.01672			2.28812	49.980	18.621
16	Ni2316	-.01138	.63429	3.20936	6.32241	.99329	.38081
17	2203/1	.01784	.52938	2.57831	5.04819	.98986	.38046
18	2203/2	-.04415	2.87866	14.071	27.7517	.98363	.37654
19	Sb2068	-.00019	.18434	.90509	1.79724	.99440	.37994
20	1960/1	-.06623	.30215	1.81423	3.58348	.99554	.39183
21	1960/2	.06111	.50088	2.27008	4.48217	.99989	.37854
22	Ti3372	-.00491	1.10953	5.58732	11.071	.99885	.39000
23	Tl1908	-.02174	.32026	1.69703	3.36052	.98885	.37403
24	V_2924	-.00025	.08454	.42586	.8446	1.0010	.37468
25	Zn2062	.0056	.08342	.41065	.80569	1.0079	.38589
26	Sn1899	-.00181	.05639	.29082	.57228	.99767	.38862
27	Ag3280	-.04269	.59479	3.17578	6.35812	1.0071	.38246
28	Mo2020	-.0012	.26413	1.32902	2.61252	.99590	.37579
29	*Y	5797.35	5771.78	5687.25	5679.08	5620.05	5638.65
30	PB2203					.98571	.37784
31	SE1960					.99843	.38297

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.04816	.21743	544.67	553.33	25.003	.01287
2	As1890	.00144	.00970	-.00095	.11645	.48810	.00260
3	B_2496	.00075	.02105	.00189	.00644	.48674	.00034
4	Ba4934	.00035	.00211	.00082	.56461	.50263	.00020
5	Be3130	.00029	.00199	.00079	.52724	.49944	.00018
6	Ca3179	.01399	.49261	547.54	552.79	24.856	.01666
7	Cd2265	.00000	.00105	.00011	1.0423	.48974	-.00001
8	Co2286	.00030	.00387	.00030	.51536	.48836	-.00007
9	Cr2677	.00023	.00390	.00000	.54407	.51295	.00004
10	Cu3247	.00071	.00955	-.00137	.55531	.48938	.00025
11	Fe2714	.00185	.04782	209.57	105.35	24.716	-.00511
12	K_7664	-.00022	.46306	.00994	.00834	25.188	-.02648
13	Mg2790	.01068	.20199	540.37	541.46	24.859	.02148
14	Mn2576	.00012	.00290	.00017	.52816	.50220	-.00003
15	Na3302	-.12449	.88028	-.13836	-.13725	24.347	-.22582
16	Ni2316	.00092	.00966	.00120	1.0223	.50122	.00049
17	2203/1	.00043	.00688	.02238	.08036	.49827	.00265
18	2203/2	.00207	.00636	-.01051	.04116	.49475	.00248

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00225	.01938	-.00034	.68287	.50155	.00170
20	1960/1	.00319	.02180	.00372	.06233	.50283	.00249
21	1960/2	-.00366	.00941	-.00694	.05225	.50702	-.00655
22	Ti3372	.00024	.00507	.00010	.00150	.51321	-.00035
23	Tl1908	.00126	.02048	-.00561	.10590	.49667	.00093
24	V_2924	.00072	.00563	.00143	.54729	.49174	.00019
25	Zn2062	L-.00557	.00559	-.00888	1.0464	.50638	L-.00590
26	Sn1899	.00129	.01000	.00503	.00153	.50921	-.00024
27	Ag3280	.00004	.00339	.00075	.23151	.50249	-.00066
28	Mo2020	.00225	.00997	.00133	.00071	.49381	-.00005
29	*Y	5657.7	5872.28	5133.6	5052.3	5624.25	5640
30	PB2203	.00152	.00653	.00044	.05421	.49592	.00254
31	SE1960	-.00137	.01354	-.00338	.05561	.50562	-.00353

#	Element	A8B'/SOL	AD855460	AD855461	AD855462	AD8'1:5)	AD8'2/PS
1	Al3082	.03059	.11834	.05452	.04768	.01756	11.726
2	As1890	.57340	.00373	.00257	.00460	.00016	.23104
3	B_2496	2.0749	.16868	.17180	.17689	.03309	.40329
4	Ba4934	.37026	.03038	.02398	.02047	.00421	.24790
5	Be3130	.00030	.00082	.00071	.00075	.00047	.20338
6	Ca3179	56.634	54.317	53.091	53.062	10.541	62.284
7	Cd2265	-.00005	.00029	-.00011	-.00007	.00014	.21505
8	Co2286	.00541	.00327	.00146	.00186	.00079	.21181
9	Cr2677	.00511	.00007	-.00007	.00047	.00039	.21444
10	Cu3247	-.00008	.01092	.01177	.01620	.00293	.23941
11	Fe2714	7.5296	.03567	.03428	.03301	.00683	10.771
12	K_7664	123.12	14.334	14.719	15.276	2.0875	36.394
13	Mg2790	95.835	18.404	18.391	18.767	3.7883	28.673
14	Mn2576	.07312	.42192	.23794	.12514	.02432	.33700
15	Na3302	H576.40	H2990.2	H3055.3	H3107.5	H1123.7	H3064.5
16	Ni2316	.09125	.03608	.01430	.00965	.00196	.21560
17	2203/1	.00221	-.00179	-.00250	-.00233	.00114	.21213
18	2203/2	-.00117	.00336	.00129	.00164	.00179	.21483
19	Sb2068	.00241	.00094	.00009	.00208	.00246	.23037
20	1960/1	.00869	.01136	.01684	.01792	.00230	.27424
21	1960/2	-.00234	.00857	.00888	.00411	-.00140	.26120
22	Ti3372	.00020	-.00076	-.00027	-.00037	-.00025	.21391
23	Tl1908	-.00003	-.00016	.00129	-.00093	.00279	.20652
24	V_2924	.00111	.00079	.00067	.00092	.00053	.21854
25	Zn2062	-.00100	.01239	.00006	.00126	L-.00465	.22793
26	Sn1899	.00288	-.00550	-.00251	-.00283	-.00219	.17884
27	Ag3280	-.00058	-.00076	-.00077	-.00078	-.00004	.05946
28	Mo2020	.00234	.00743	.01360	.01550	.00464	.23302
29	*Y	5427	4880.93	4874.1	4845.6	5313.53	4877.55
30	PB2203	-.00005	.00164	.00002	.00031	.00157	.21393
31	SE1960	.00133	.00950	.01153	.00871	-.00016	.26555

#	Element	AD8'3/MS	AD8'4/SD	AD855465	AD855466	AD855467	CCV
1	Al3082	11.056	11.179	.28823	.53127	3.3738	25.166
2	As1890	.23411	.23347	.00550	.00315	.00897	.48937
3	B_2496	.38936	.39519	.16577	.15585	.36783	.48663
4	Ba4934	.23560	.23857	.01310	.01132	.05174	.50532
5	Be3130	.19992	.20142	.00073	.00080	.00182	.49820
6	Ca3179	61.904	63.125	46.655	43.949	77.227	24.964
7	Cd2265	.21147	.21313	.00005	-.00005	.00112	.49233
8	Co2286	.20957	.21121	.00191	.00125	.00464	.49004
9	Cr2677	.21257	.21481	.00043	.00078	.00301	.51609
10	Cu3247	.23666	.23900	.01685	.01428	.04887	.48668
11	Fe2714	10.644	10.717	.01874	.02518	4.2773	24.846
12	K_7664	35.027	35.806	14.325	13.228	31.265	25.612
13	Mg2790	28.451	28.887	16.616	14.253	28.125	24.982
14	Mn2576	.33429	.33853	.01253	.00274	.27947	.50096
15	Na3302	H3056.8	H3092.7	H2989.6	H2880.7	H4581.2	25.545
16	Ni2316	.21283	.21397	.00671	.00610	.07601	.50175
17	2203/1	.21010	.21231	-.00191	.00043	-.00121	.49930
18	2203/2	.21074	.21351	.00157	.00143	.00342	.49618
19	Sb2068	.22826	.22754	.00341	-.00216	.00289	.50231
20	1960/1	.27434	.27127	.01852	.01467	.04008	.50016
21	1960/2	.25594	.26106	.00908	.00430	.02189	.50585
22	Ti3372	.21044	.21178	-.00030	-.00034	.00153	.51159
23	Tl1908	.21191	.20793	-.00089	.00217	.00340	.50085
24	V_2924	.21439	.21631	.00127	.00164	.00216	.49263
25	Zn2062	.22042	.22389	-.00228	-.00216	.04516	.50835
26	Sn1899	.21771	.21931	-.00392	-.00254	.00000	.51170
27	Ag3280	.05938	.05952	-.00077	-.00066	-.00024	.50043
28	Mo2020	.23029	.23378	.01662	.01483	.00517	.49479
29	*Y	4872.98	4870.58	4903.5	4910.55	4225.95	5635.58
30	PB2203	.21053	.21311	.00041	.00109	.00188	.49722
31	SE1960	.26207	.26446	.01222	.00776	.02795	.50395

#	Element	CCB	AD855468	AD855469	AD855470	AD855471	AD855472
1	Al3082	.01039	3.1233	3.0161	2.4181	.30564	1.4735
2	As1890	.00151	.00584	.00873	.00578	.00834	.00957
3	B_2496	.00017	.36020	.36557	.36404	.36715	.36450
4	Ba4934	.00025	.05043	.05102	.04864	.04378	.04750
5	Be3130	.00021	.00180	.00181	.00175	.00138	.00157
6	Ca3179	.00789	75.586	76.977	76.089	76.706	75.900
7	Cd2265	.00003	.00049	.00067	.00040	.00035	.00016
8	Co2286	.00005	.00455	.00416	.00469	.00374	.00382
9	Cr2677	.00002	.00068	.00081	.00033	.00111	.00150
10	Cu3247	-.00029	.01424	.01242	.00736	.00897	.01054
11	Fe2714	-.00956	1.1309	.95989	.28855	.11283	.14220
12	K_7664	-.01684	30.163	30.873	30.714	31.456	31.231
13	Mg2790	.00640	27.556	28.043	27.821	28.310	26.280
14	Mn2576	-.00010	.28562	.28541	.26694	.23877	.22218
15	Na3302	.16223	H4533.4	H4580.8	H4567.7	H4606.5	H4612.4
16	Ni2316	-.00044	.07779	.06927	.06302	.04695	.05671
17	2203/1	.00070	-.00074	-.00160	-.00242	-.00329	-.00272
18	2203/2	-.00032	.00256	.00171	.00303	.00179	.00233

#	Element	CCB	AD855468	AD855469	AD855470	AD855471	AD855472
19	Sb2068	-.00088	.00043	.00574	-.00118	.00665	.00388
20	1960/1	.00590	.03209	.03462	.03726	.03777	.03866
21	1960/2	-.00634	.02214	.02396	.02590	.02076	.02695
22	Ti3372	-.00045	-.00042	-.00064	-.00058	-.00052	-.00053
23	Tl1908	.00438	-.00118	.00050	.00101	.00357	-.00061
24	V_2924	.00009	.00265	.00253	.00380	.00438	.00423
25	Zn2062	L-.00601	.03913	.04136	.02411	.00756	.01349
26	Sn1899	.00097	-.00236	-.00207	.00038	.00031	-.00256
27	Ag3280	-.00079	.00030	-.00017	.00000	-.00005	.00013
28	Mo2020	.00021	.01343	.01700	.02112	.03075	.02767
29	*Y	5629.12	4242.9	4229.03	4232.33	4216.73	4220.55
30	PB2203	.00002	.00145	.00061	.00121	.00010	.00065
31	SE1960	-.00226	.02545	.02751	.02969	.02643	.03085

#	Element	AD855473	AD855474	AD855475	AD855476	AD855477	CCV
1	Al3082	.33038	.25436	.93271	1.4204	3.2878	25.219
2	As1890	.00827	.00957	.00949	.01166	.00591	.48973
3	B_2496	.36429	.36220	.35662	.35765	.35757	.48665
4	Ba4934	.04185	.04177	.03292	.03113	.05033	.50548
5	Be3130	.00132	.00135	.00121	.00122	.00181	.49775
6	Ca3179	75.525	75.643	72.668	71.920	75.104	25.009
7	Cd2265	-.00016	-.00007	-.00012	.00009	.00089	.49262
8	Co2286	.00352	.00302	.00284	.00316	.00551	.49012
9	Cr2677	.00041	.00068	.00054	.00174	.00443	.51705
10	Cu3247	.00474	.00833	.01265	.01024	.06816	.48662
11	Fe2714	.10059	.17882	.23226	.08668	6.4772	24.856
12	K_7664	31.282	31.127	31.148	31.273	30.296	25.616
13	Mg2790	27.971	28.052	27.235	26.874	27.390	24.935
14	Mn2576	.22872	.22495	.05060	.02699	.48892	.49982
15	Na3302	H4586.3	H4585.9	H4561.3	H4561.8	H4497.6	25.718
16	Ni2316	.04705	.04351	.02925	.03000	.08732	.50120
17	2203/1	-.00023	-.00188	-.00182	-.00275	-.00157	.50197
18	2203/2	.00245	-.00152	.00188	.00041	.00311	.49454
19	Sb2068	.00547	.00170	.00216	.00317	-.00016	.50370
20	1960/1	.04151	.04095	.04404	.04364	.02861	.50749
21	1960/2	.02160	.02405	.03577	.03303	.02367	.50260
22	Ti3372	-.00085	-.00053	-.00036	-.00023	.00198	.51130
23	Tl1908	.00084	-.00389	-.00199	.00124	-.00052	.50145
24	V_2924	.00632	.00606	.01050	.01506	.00154	.49409
25	Zn2062	-.00123	.00175	.00232	.00051	.04305	.51008
26	Sn1899	-.00108	.00038	-.00100	-.00083	-.00263	.50907
27	Ag3280	-.00032	.00013	.00053	.00017	-.00015	.50052
28	Mo2020	.03077	.03200	.03234	.03068	.00252	.49501
29	*Y	4231.5	4217.25	4229.1	4242.98	4256.78	5607
30	PB2203	.00156	-.00164	.00064	-.00064	.00155	.49702
31	SE1960	.02824	.02969	.03853	.03657	.02532	.50423

#	Element	CCB	AD855478	AD855479	AD855480	AD855481	AD8'1:5)
1	Al3082	.00678	3.1073	2.8072	1.9736	.15786	.02309
2	As1890	-.00042	.00678	.00563	.00530	.00656	.00087
3	B_2496	.00018	.36147	.36547	.36850	.36524	.17008
4	Ba4934	.00033	.05112	.05024	.04899	.03998	.03751
5	Be3130	.00018	.00181	.00178	.00176	.00130	.00019
6	Ca3179	.00870	77.198	77.514	77.400	75.933	26.162
7	Cd2265	.00007	.00044	.00084	.00045	.00009	-.00001
8	Co2286	.00034	.00539	.00520	.00531	.00329	.00140
9	Cr2677	-.00004	.00095	.00125	.00049	.00070	.00068
10	Cu3247	-.00021	.01287	.00743	.00700	.00869	-.00053
11	Fe2714	.00373	1.6723	1.0747	.37591	.13145	.07991
12	K_7664	-.02462	30.936	31.325	31.412	31.777	22.667
13	Mg2790	.00600	27.987	28.262	28.292	28.264	34.420
14	Mn2576	-.00012	.50333	.49425	.51885	.33999	.14386
15	Na3302	.20286	H4537.2	H4572.8	H4583.5	H4600.2	158.76
16	Ni2316	.00000	.07984	.07837	.06992	.04095	.01835
17	2203/1	.00129	-.00298	.00048	-.00327	-.00250	-.00121
18	2203/2	.00162	-.00005	-.00134	.00158	.00060	.00052
19	Sb2068	.00044	.00205	.00007	.00021	.00432	-.00005
20	1960/1	.00350	.03423	.03678	.03110	.03506	.00207
21	1960/2	-.00107	.02231	.02400	.02145	.02999	-.00443
22	Ti3372	-.00046	-.00072	-.00072	-.00068	-.00076	-.00005
23	Tl1908	.00053	.00545	.00257	.00097	.00225	.00079
24	V_2924	.00072	.00194	.00168	.00239	.00298	.00019
25	Zn2062	L-.00601	.03032	.03017	.01623	-.00121	L-.00458
26	Sn1899	-.00086	-.00195	-.00162	-.00170	-.00211	.00051
27	Ag3280	-.00017	.00025	.00012	.00039	.00040	-.00037
28	Mo2020	.00088	.00544	.00953	.01657	.02398	.00059
29	*Y	5623.2	4237.8	4219.05	4237.2	4217.33	5671.88
30	PB2203	.00151	-.00102	-.00073	-.00002	-.00042	-.00005
31	SE1960	.00045	.02628	.02826	.02466	.03168	-.00226

#	Element	AD8'1:5)	AD8':10)	CCV	CCB
1	Al3082	.03023	.02020	25.471	.01465
2	As1890	.00167	.00374	.49045	-.00103
3	B_2496	.60532	.73701	.49389	.00147
4	Ba4934	.04005	.14470	.50485	.00032
5	Be3130	.00014	.00004	.49949	.00042
6	Ca3179	27.625	5.8146	24.952	.01765
7	Cd2265	.00018	-.00002	.49062	-.00002
8	Co2286	.00692	.00360	.49070	.00036
9	Cr2677	.00090	.00179	.51346	.00013
10	Cu3247	.00017	.00027	.49655	.00028
11	Fe2714	.18009	.12113	24.795	-.00327
12	K_7664	43.296	39.283	25.078	-.01141
13	Mg2790	37.318	7.6172	24.925	.01709
14	Mn2576	.16326	.02538	.50471	.00006
15	Na3302	184.09	147.73	25.555	.45650
16	Ni2316	.01939	.02647	.49850	.00015
17	2203/1	-.00058	.00121	.50066	.00111
18	2203/2	.00101	.00041	.49390	.00060

#	Element	AD8'1:5)	AD8':10)	CCV	CCB		
19	Sb2068	.00024	.00355	.50611	-.00146		
20	1960/1	.00300	.00106	.50832	.00479		
21	1960/2	-.00238	-.00195	.50540	-.00709		
22	Ti3372	.00033	.00100	.51977	.00023		
23	Tl1908	-.00041	-.00238	.49574	.00101		
24	V_2924	.00072	.00114	.49478	.00041		
25	Zn2062	.00045	L-.00498	.50254	L-.00517		
26	Sn1899	-.00018	-.00026	.51298	.00137		
27	Ag3280	.00054	.00018	.50891	.00013		
28	Mo2020	.00170	.00271	.49776	.00176		
29	*Y	5631.23	5575.05	5501.55	5449.88		
30	PB2203	.00048	.00067	.49615	.00077		
31	SE1960	-.00059	-.00094	.50637	-.00313		

Curvefit Fit Status Summary 08/19/08 10:15:54 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

Calibration Report 08/19/08 09:47:19 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 09/29/08 11:01:35 AM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 09/29/08 10:56:35

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.12520	.08774	.02163	.00188	.11485	.03438	.00197
SDev	.00048	.02339	.00044	.00002	.00028	.00075	.00183
%RSD	.38460	26.660	2.0241	.77099	.24449	2.1780	92.673
#1	.12486	.10428	.02194	.00187	.11465	.03385	.00068
#2	.12554	.07120	.02132	.00189	.11505	.03491	.00327

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00470	.00172	.00633	-.00085	-.31764	.00898	.00077
SDev	.00040	.00267	.00150	.00096	.03794	.00078	.00012
%RSD	8.4824	155.40	23.683	112.86	11.946	8.6602	14.952
#1	-.00442	-.00017	.00527	-.00153	-.34447	.00953	.00085
#2	-.00499	.00361	.00739	-.00017	-.29080	.00843	.00069

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00435	-.01002	.01215	-.02407	.00523	-.06545	.05261
SDev	.00372	.00407	.00154	.01118	.00258	.00691	.00440
%RSD	85.474	40.597	12.716	46.454	49.364	10.565	8.3570
#1	.00697	-.00714	.01106	-.03198	.00340	-.06056	.04950
#2	.00172	-.01290	.01324	-.01617	.00705	-.07034	.05572

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00333	-.01847	.00017	.00060	-.00094	-.03899	.00120
SDev	.00179	.00063	.00000	.00037	.00110	.00212	.00047
%RSD	53.735	3.3896	.77099	61.237	115.96	5.4330	39.697
#1	-.00459	-.01803	.00017	.00034	-.00017	-.04049	.00153
#2	-.00206	-.01892	.00017	.00086	-.00172	-.03749	.00086

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5847	--	--	--	--	--	--
SDev	45.07806	--	--	--	--	--	--
%RSD	.7709901	--	--	--	--	--	--
#1	5879	--	--	--	--	--	--
#2	5815	--	--	--	--	--	--

Standardization Rpt. 09/29/08 11:06:11 AM page 1

Method: TRACE1 Standard: STD 1
Run Time: 09/29/08 11:01:39

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.3421	1.2533	.42054	.70737	1.5847	1.8632	.80723
SDev	.0055	.0245	.00295	.00468	.0137	.0051	.00378
%RSD	.12640	1.9574	.70232	.66112	.86375	.27306	.46871
#1	4.3460	1.2359	.41845	.70407	1.5750	1.8596	.80455
#2	4.3382	1.2706	.42263	.71068	1.5944	1.8668	.80990

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.63531	.49629	.70284	.38848	.62606	.52914	2.7804
SDev	.00585	.00362	.00260	.00265	.00168	.01081	.0430
%RSD	.92015	.72910	.36935	.68306	.26889	2.0438	1.5457
#1	.63117	.49373	.70100	.38661	.62487	.52149	2.7500
#2	.63944	.49885	.70467	.39036	.62725	.53679	2.8108

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.17980	.33534	.49953	1.1205	.31505	.08506	.08173
SDev	.00209	.01372	.03010	.0027	.00381	.00061	.00003
%RSD	1.1638	4.0919	6.0248	.23994	1.2110	.72064	.03315
#1	.17832	.32564	.52081	1.1224	.31235	.08550	.08175
#2	.18128	.34504	.47825	1.1185	.31775	.08463	.08171

Elem	Sn1899	Ag3280	Mo2020
Avge	.05651	.60468	.26847
SDev	.00019	.00134	.00754
%RSD	.34462	.22122	2.8103
#1	.05637	.60563	.26313
#2	.05665	.60374	.27380

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	32.66813	--	--	--	--	--	--
%RSD	.5585727	--	--	--	--	--	--
#1	5872	--	--	--	--	--	--
#2	5825	--	--	--	--	--	--

Standardization Rpt. 09/29/08 11:10:47 AM page 1

Method: TRACE1 Standard: STD 2
Run Time: 09/29/08 11:06:15

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.444	5.9305	2.0304	3.5938	7.6302	9.3873	4.1277
SDev	.077	.0203	.0038	.0335	.0449	.0147	.0179
%RSD	.35736	.34219	.18925	.93136	.58907	.15627	.43278
#1	21.390	5.9162	2.0331	3.5701	7.5984	9.3769	4.1151
#2	21.498	5.9449	2.0277	3.6175	7.6620	9.3976	4.1403

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.2290	2.4787	3.5875	1.9703	3.2507	2.6234	14.194
SDev	.0324	.0015	.0175	.0024	.0226	.0019	.034
%RSD	1.0036	.05957	.48708	.11995	.69457	.07088	.24239
#1	3.2061	2.4798	3.5751	1.9686	3.2347	2.6221	14.219
#2	3.2519	2.4777	3.5998	1.9720	3.2667	2.6247	14.170

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.92866	1.8704	2.3317	5.6933	1.7288	.43343	.41543
SDev	.00073	.0294	.0076	.0057	.0075	.00140	.00238
%RSD	.07916	1.5736	.32591	.09962	.43264	.32355	.57271
#1	.92918	1.8496	2.3371	5.6974	1.7341	.43244	.41375
#2	.92814	1.8912	2.3264	5.6893	1.7235	.43442	.41712

Elem	Sn1899	Ag3280	Mo2020
Avge	.29458	3.2179	1.3494
SDev	.00097	.0027	.0046
%RSD	.33032	.08520	.33727
#1	.29390	3.2198	1.3462
#2	.29527	3.2159	1.3526

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5834	--	--	--	--	--	--
SDev	2.333660	--	--	--	--	--	--
%RSD	.0400034	--	--	--	--	--	--
#1	5832	--	--	--	--	--	--
#2	5835	--	--	--	--	--	--

Standardization Rpt. 09/29/08 11:15:51 AM page 1

Method: TRACE1 Standard: STD 3
Run Time: 09/29/08 11:10:51

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	42.594	11.455	4.0019	7.0704	14.722	40.980	18.345
SDev	.025	.052	.0005	.0027	.004	.065	.050
%RSD	.05852	.45648	.01291	.03771	.03029	.15812	.27238
#1	42.612	11.418	4.0015	7.0685	14.719	41.026	18.380
#2	42.577	11.492	4.0022	7.0723	14.725	40.934	18.309

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	8.1014	6.3106	4.9283	7.0122	156.92	21.204	3.8716
SDev	.0164	.0086	.0009	.0131	.10	.002	.0023
%RSD	.20188	.13665	.01810	.18639	.06547	.01001	.05857
#1	8.1130	6.3167	4.9290	7.0215	156.84	21.206	3.8732
#2	8.0899	6.3045	4.9277	7.0030	156.99	21.203	3.8700

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3697	6.3375	5.0942	27.945	1.8442	3.6834	4.5593
SDev	.0005	.0155	.0208	.093	.0081	.0266	.0035
%RSD	.02184	.24441	.40781	.33417	.43782	.72113	.07618
#1	2.3693	6.3485	5.1088	27.879	1.8499	3.6646	4.5568
#2	2.3700	6.3266	5.0795	28.011	1.8385	3.7022	4.5617

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	11.277	3.4219	.85716	.80638	.57709	6.4596	2.6530
SDev	.009	.0091	.00050	.00088	.00466	.0055	.0135
%RSD	.07699	.26484	.05821	.10897	.80730	.08561	.50697
#1	11.283	3.4155	.85752	.80700	.58038	6.4557	2.6435
#2	11.271	3.4283	.85681	.80576	.57379	6.4635	2.6625

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5809	--	--	--	--	--	--
SDev	15.59191	--	--	--	--	--	--
%RSD	.2683969	--	--	--	--	--	--
#1	5820	--	--	--	--	--	--
#2	5798	--	--	--	--	--	--

Standardization Report 09/29/08 11:15:52 AM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.17914	-.147381	09/29/08 11:10:51
As1890	189.042	Multiple	Standards	.086412	-.007589	09/29/08 11:10:51
B_2496	249.678	Multiple	Standards	.250504	-.005419	09/29/08 11:10:51
Ba4934	493.409	Multiple	Standards	.140830	-.000260	09/29/08 11:10:51
Be3130	313.042	Multiple	Standards	.067728	-.007775	09/29/08 11:10:51
Ca3179	317.933	STD 3	STD BLK	1.05686	-.011149	09/29/08 11:10:51
Cd2265	226.502	Multiple	Standards	.054040	-.000110	09/29/08 11:10:51
Co2286	228.616	Multiple	Standards	.122665	.000581	09/29/08 11:10:51
Cr2677	267.716	Multiple	Standards	.157140	-.000267	09/29/08 11:10:51
Cu3247	324.753	Multiple	Standards	.202894	-.001282	09/29/08 11:10:51
Fe2714	271.441	Multiple	Standards	7.06835	.006192	09/29/08 11:10:51
K_7664	766.491	STD 3	STD BLK	.847599	.041043	09/29/08 11:10:51
Mg2790	279.078	STD 3	STD BLK	1.05893	-.012333	09/29/08 11:10:51
Mn2576	257.610	Multiple	Standards	.256346	-.000194	09/29/08 11:10:51
Na3302	330.232	STD 3	STD BLK	.932887	-.000255	09/29/08 11:10:51
Ni2316	231.604	Multiple	Standards	.155781	.001566	09/29/08 11:10:51
2203/1	220.351	Multiple	Standards	.198525	-.002415	09/29/08 11:10:51
2203/2	220.352	Multiple	Standards	.035152	.000849	09/29/08 11:10:51
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.553606	-.002863	09/29/08 11:10:51
1960/1	196.021	Multiple	Standards	.258207	.016869	09/29/08 11:10:51
1960/2	196.022	Multiple	Standards	.219034	-.011516	09/29/08 11:10:51
Ti3372	337.280	Multiple	Standards	.088475	.000299	09/29/08 11:10:51
Tl1908	190.864	Multiple	Standards	.290231	.005383	09/29/08 11:10:51
V_2924	292.402	Multiple	Standards	1.16694	-.000192	09/29/08 11:10:51
Zn2062	206.200	Multiple	Standards	1.22513	-.000732	09/29/08 11:10:51
Sn1899	189.989	Multiple	Standards	1.71911	.001633	09/29/08 11:10:51
Ag3280	328.068	Multiple	Standards	.154172	.006017	09/29/08 11:10:51
Mo2020	202.030	Multiple	Standards	.373703	-.000447	09/29/08 11:10:51

Standardization Readback Report 09/29/08 11:15:52 AM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000246	-.000246
		STD 1	5.00000	4.97257	.027426
		STD 2	25.0000	25.1383	-.138344
		STD 3	50.0000	50.0773	-.077263

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100711	-.000711
		STD 2	.500000	.504879	-.004879
		STD 3	1.00000	.982229	.017771

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099929	.000071
		STD 2	.500000	.503199	-.003199
		STD 3	1.00000	.997068	.002932

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099360	.000640
		STD 2	.500000	.505856	-.005856
		STD 3	1.00000	.995471	.004529

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099554	.000446
		STD 2	.500000	.509000	-.009000
		STD 3	1.00000	.989333	.010667

CorCoef: 0.99988

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.034381	-.009194
		STD 3	43.2991	40.9802	2.31887

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100579	-.000579
		STD 2	.500000	.507176	-.007176
		STD 3	1.00000	.991232	.008768

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099599	.000401
		STD 2	.500000	.506904	-.006904
		STD 3	1.00000	.994343	.005657

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099565	.000435
		STD 2	.500000	.507140	-.007140
		STD 3	1.00000	.991378	.008622

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099413	.000587
		STD 2	.500000	.501638	-.001638
		STD 3	1.00000	.998648	.001352

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	.000174	-.000174
		STD 1	5.00000	4.97409	.025907
		STD 2	25.0000	25.3636	-.363621
		STD 3	50.0000	49.5710	.428970

CorCoef: 0.99992

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.317636	.089451
		STD 3	133.044	156.917	-23.8733

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.008976	-.011804
		STD 3	22.4415	21.2043	1.23726

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099392	.000608
		STD 2	.500000	.504883	-.004883
		STD 3	1.00000	.992266	.007734

CorCoef: 0.99995

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.004347	-.000547
		STD 3	2.21037	2.36966	-.159291

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099095	.000905
		STD 2	.500000	.507966	-.007966
		STD 3	1.00000	.988833	.011167

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.102632	-.002632
		STD 2	.500000	.518395	-.018395
		STD 3	1.00000	1.00890	-.008901

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.098586	.001414
		STD 2	.500000	.499812	.000188
		STD 3	1.00000	.983176	.016824

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000030	-.000030
		STD 1	.100000	.096673	.003327
		STD 2	.500000	.511250	-.011250
		STD 3	1.00000	1.01809	-.018094

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000030	.000030
		STD 1	.100000	.103455	-.003455
		STD 2	.500000	.499828	.000172
		STD 3	1.00000	.967941	.032059

CorCoef: 0.99985

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.097898	.002102
		STD 2	.500000	.499212	.000788
		STD 3	1.00000	.987117	.012883

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099431	.000569
		STD 2	.500000	.504018	-.004018
		STD 3	1.00000	.998058	.001942

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000021	-.000021
		STD 1	.100000	.096819	.003181
		STD 2	.500000	.507124	-.007124
		STD 3	1.00000	.998515	.001485

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099071	.000929
		STD 2	.500000	.505598	-.005598
		STD 3	1.00000	1.00006	-.000063

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099398	.000602
		STD 2	.500000	.508228	-.008228
		STD 3	1.00000	.987189	.012811

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098781	.001219
		STD 2	.500000	.508056	-.008056
		STD 3	1.00000	.993713	.006287

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099242	.000758
		STD 2	.500000	.502126	-.002126
		STD 3	1.00000	1.00191	-.001908

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099879	.000121
		STD 2	.500000	.503832	-.003832
		STD 3	1.00000	.990994	.009006

CorCoef: 0.99996

Analysis Report Blank Sample 09/29/08 11:20:55 AM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/29/08 11:15:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.638	.98925	1.0038	1.0048	.99343	49.971	.98938
SDev	.043	.00245	.0028	.0052	.00883	.016	.00138
%RSD	.08512	.24721	.27446	.51477	.88928	.03176	.13981
#1	50.668	.98752	1.0018	1.0011	.98718	49.960	.99036
#2	50.607	.99098	1.0057	1.0084	.99968	49.982	.98841
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99896	.99931	1.0099	49.876	49.882	49.870	.99805
SDev	.00150	.00222	.0019	.104	.916	.368	.00714
%RSD	.15033	.22179	.18521	.20835	1.8360	.73786	.71531
#1	.99790	.99774	1.0086	49.802	49.234	49.610	.99300
#2	1.0000	1.0009	1.0112	49.949	50.530	50.130	1.0031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.319	.99541	.99115	.99416	.99316	.98387	1.0217
SDev	.107	.00295	.00412	.00117	.00215	.00256	.0016
%RSD	.21279	.29630	.41530	.11811	.21688	.25994	.15547
#1	50.243	.99332	.98824	.99333	.99163	.98206	1.0206
#2	50.395	.99749	.99406	.99499	.99468	.98568	1.0228
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96632	.99267	1.0065	1.0090	1.0086	.99098	1.0011
SDev	.00296	.00235	.0004	.0055	.0011	.00550	.0010
%RSD	.30660	.23723	.03689	.54334	.10841	.55518	.09960
#1	.96422	.99100	1.0062	1.0129	1.0094	.98709	1.0019
#2	.96841	.99433	1.0067	1.0051	1.0079	.99487	1.0004
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0143	.99695
SDev	.0008	.01071
%RSD	.08300	1.0741
#1	1.0137	.98938
#2	1.0149	1.0045
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5751	--	--	--	--	--	--
SDev	10.07627	--	--	--	--	--	--
%RSD	.1752113	--	--	--	--	--	--
#1	5758	--	--	--	--	--	--
#2	5744	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 11:25:58 AM page 1

Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 09/29/08 11:20:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.782	.36952	.36967	.37335	.37376	18.755	.37553
SDev	.039	.00170	.00087	.00072	.00157	.041	.00092
%RSD	.20953	.46020	.23482	.19254	.42030	.21922	.24439
#1	18.810	.37073	.37029	.37385	.37487	18.784	.37618
#2	18.754	.36832	.36906	.37284	.37265	18.726	.37488
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37017	.38407	.36469	18.637	18.828	18.753	.37788
SDev	.00125	.00104	.00012	.056	.099	.070	.00113
%RSD	.33755	.27087	.03311	.29786	.52527	.37090	.29957
#1	.37106	.38480	.36477	18.677	18.898	18.802	.37868
#2	.36929	.38333	.36460	18.598	18.758	18.703	.37708
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.308	.37941	.37692	.38054	.37934	.37819	.38995
SDev	.096	.00178	.00017	.00071	.00042	.00463	.00257
%RSD	.52293	.46904	.04462	.18724	.11052	1.2236	.65773
#1	18.375	.38067	.37704	.38004	.37904	.37492	.39177
#2	18.240	.37815	.37680	.38105	.37963	.38146	.38814
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37400	.38029	.38775	.38165	.37160	.38277	.38791
SDev	.00263	.00562	.00070	.00465	.00085	.00045	.00154
%RSD	.70395	1.4792	.18058	1.2175	.22989	.11808	.39837
#1	.37214	.37632	.38825	.37837	.37220	.38309	.38900
#2	.37586	.38427	.38726	.38494	.37100	.38245	.38681
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37551	.37521
SDev	.00003	.00034
%RSD	.00897	.09148
#1	.37553	.37546
#2	.37549	.37497
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5887	--	--	--	--	--	--
SDev	4.666974	--	--	--	--	--	--
%RSD	.0792712	--	--	--	--	--	--
#1	5884	--	--	--	--	--	--
#2	5891	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 11:31:01 AM page 1

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 09/29/08 11:26:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00502	.00201	.00109	.00002	-.00008	.00470	.00036
SDev	.00206	.00278	.00002	.00000	.00003	.00060	.00010
%RSD	41.018	138.32	1.5395	3.0893	33.579	12.654	27.146
#1	.00648	.00004	.00110	.00002	-.00006	.00428	.00043
#2	.00357	.00398	.00108	.00002	-.00010	.00512	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00017	.00062	-.00269	.01917	.00067	.00013
SDev	.00028	.00032	.00015	.00416	.00395	.00509	.00003
%RSD	146.01	189.56	23.928	154.68	20.607	762.92	24.453
#1	-.00039	.00039	.00073	.00025	.02196	.00426	.00015
#2	.00001	-.00006	.00052	-.00564	.01638	-.00293	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13713	-.00069	.00184	-.00101	-.00006	.00138	-.00133
SDev	.08959	.00038	.00090	.00024	.00046	.00181	.00005
%RSD	65.334	55.090	49.046	23.698	816.98	131.31	4.0484
#1	.20048	-.00042	.00248	-.00084	.00027	.00266	-.00136
#2	.07378	-.00096	.00120	-.00117	-.00038	.00010	-.00129
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00514	-.00050	.00012	.00010	.00010	.00029	-.00226
SDev	.00064	.00304	.00015	.00098	.00014	.00000	.00101
%RSD	12.508	612.25	120.85	942.01	136.28	.83738	44.692
#1	.00468	.00165	.00022	.00080	.00020	.00030	-.00154
#2	.00559	-.00265	.00002	-.00059	.00000	.00029	-.00297
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00024	.00106
SDev	.00015	.00142
%RSD	62.375	134.35
#1	.00035	.00206
#2	.00013	.00005
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5965	--	--	--	--	--	--
SDev	15.48557	--	--	--	--	--	--
%RSD	.2596116	--	--	--	--	--	--
#1	5954	--	--	--	--	--	--
#2	5976	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/29/08 11:31:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20743	.01227	.02132	.00199	.00176	.48480	.00124
SDev	.00617	.00020	.00205	.00008	.00001	.00227	.00010
%RSD	2.9742	1.5964	9.6074	4.0596	.75937	.46838	7.9052
#1	.21179	.01213	.02277	.00205	.00177	.48640	.00117
#2	.20307	.01241	.01987	.00194	.00175	.48319	.00131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	.00445	.00987	.05114	.49646	.19685	.00299
SDev	.00030	.00011	.00016	.00832	.00996	.00116	.00000
%RSD	7.2775	2.3956	1.5836	16.277	2.0071	.58887	.10997
#1	.00436	.00452	.00976	.05702	.50351	.19767	.00298
#2	.00393	.00437	.00998	.04525	.48942	.19603	.00299
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0619	.00930	.00523	.00564	.00551	.01382	.01586
SDev	.1041	.00008	.00154	.00071	.00098	.00233	.00127
%RSD	9.8028	.88404	29.439	12.550	17.896	16.893	7.9911
#1	.98830	.00924	.00414	.00514	.00481	.01547	.01496
#2	1.1355	.00936	.00632	.00614	.00620	.01217	.01675
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01509	.01318	.00518	.01892	.00548	.01118	.00610
SDev	.00006	.00353	.00011	.00253	.00027	.00028	.00101
%RSD	.39329	26.792	2.1294	13.380	4.9288	2.4818	16.633
#1	.01505	.01568	.00510	.02071	.00568	.01137	.00681
#2	.01513	.01068	.00526	.01713	.00529	.01098	.00538
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00289	.00892
SDev	.00003	.00012
%RSD	1.1413	1.3762
#1	.00287	.00900
#2	.00292	.00883
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5967	--	--	--	--	--	--
SDev	6.576300	--	--	--	--	--	--
%RSD	.1102084	--	--	--	--	--	--
#1	5972	--	--	--	--	--	--
#2	5962	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/29/08 11:36:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	528.72	.00193	.00125	.00057	.00054	530.68	-.00019
SDev	.26	.00210	.00003	.00002	.00003	1.36	.00019
%RSD	.04973	108.93	2.5273	3.0360	6.5046	.25544	102.16
#1	528.91	.00342	.00127	.00055	.00052	529.72	-.00005
#2	528.54	.00044	.00123	.00058	.00057	531.63	-.00032
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	-.00045	-.00057	202.71	.04886	521.18	.00028
SDev	.00022	.00006	.00004	.44	.00014	1.18	.00011
%RSD	37.178	13.706	7.1636	.21813	.27541	.22551	39.184
#1	-.00075	-.00049	-.00054	202.39	.04895	520.35	.00020
#2	-.00044	-.00041	-.00060	203.02	.04876	522.01	.00036
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23489	.00053	.02606	-.01477	-.00117	-.00392	.00153
SDev	.02650	.00089	.00200	.00055	.00104	.00016	.00563
%RSD	11.283	166.88	7.6802	3.7502	88.235	4.0687	367.80
#1	.21615	-.00010	.02747	-.01438	-.00044	-.00403	.00551
#2	.25363	.00116	.02464	-.01516	-.00191	-.00381	-.00245
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00386	-.00395	.00002	-.00410	.00093	-.00242	.00398
SDev	.00145	.00096	.00012	.00021	.00001	.00128	.00224
%RSD	37.424	24.377	477.93	5.1756	1.0941	52.865	56.351
#1	-.00284	-.00463	-.00006	-.00425	.00094	-.00333	.00239
#2	-.00488	-.00327	.00011	-.00395	.00092	-.00152	.00556
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	-.00067
SDev	.00036	.00077
%RSD	106.27	115.60
#1	.00060	-.00012
#2	.00008	-.00121
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5437	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0058553	--	--	--	--	--	--
#1	5437	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 11:46:07 AM page 1

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/29/08 11:41:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	534.20	.11467	.00726	.53485	.49812	532.82	1.0128
SDev	1.47	.00414	.00001	.00075	.00056	.87	.0025
%RSD	.27551	3.6099	.09988	.13957	.11274	.16389	.25111
#1	535.24	.11760	.00727	.53538	.49852	533.44	1.0146
#2	533.15	.11175	.00726	.53432	.49773	532.20	1.0110
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49700	.52025	.53152	101.09	.04024	515.58	.50201
SDev	.00068	.00153	.00191	.23	.00166	.74	.00080
%RSD	.13709	.29327	.35877	.22671	4.1174	.14364	.15906
#1	.49749	.52133	.53287	101.25	.03906	516.10	.50258
#2	.49652	.51917	.53017	100.93	.04141	515.06	.50145
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09014	.98355	.07004	.03644	.04763	.05451	.67508
SDev	.06585	.00197	.00187	.00350	.00172	.00087	.01036
%RSD	73.048	.20045	2.6642	9.6167	3.6025	1.6023	1.5347
#1	.04358	.98494	.07136	.03396	.04642	.05513	.68241
#2	.13670	.98215	.06873	.03892	.04884	.05389	.66776
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05353	.05500	.00156	.09948	.52904	.98751	.00002
SDev	.00673	.00205	.00033	.00328	.00137	.00314	.00045
%RSD	12.570	3.7343	21.029	3.2989	.25821	.31797	2607.9
#1	.05828	.05355	.00132	.09716	.53001	.98973	-.00030
#2	.04877	.05646	.00179	.10180	.52807	.98529	.00034
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22380	-.00070
SDev	.00026	.00456
%RSD	.11719	653.51
#1	.22362	-.00392
#2	.22399	.00253
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5389	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0570744	--	--	--	--	--	--
#1	5387	--	--	--	--	--	--
#2	5392	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 11:54:07 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 11:49:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.015	.48189	.48478	.49175	.48872	24.874	.49091
SDev	.002	.00498	.00464	.00156	.00394	.066	.00382
%RSD	.00741	1.0342	.95763	.31707	.80683	.26653	.77753
#1	25.016	.47837	.48150	.49064	.48594	24.827	.48821
#2	25.014	.48542	.48806	.49285	.49151	24.920	.49361
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48483	.50607	.48432	24.465	24.439	24.568	.49477
SDev	.00260	.00295	.00150	.137	.111	.120	.00325
%RSD	.53644	.58271	.30926	.55845	.45541	.48713	.65724
#1	.48299	.50399	.48326	24.368	24.361	24.483	.49247
#2	.48667	.50816	.48538	24.561	24.518	24.652	.49707
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.405	.49556	.49484	.49624	.49577	.49234	.51068
SDev	.037	.00515	.00871	.00272	.00471	.00318	.00102
%RSD	.15037	1.0384	1.7596	.54723	.95020	.64685	.20036
#1	24.379	.49193	.48868	.49432	.49244	.49008	.50996
#2	24.431	.49920	.50100	.49816	.49911	.49459	.51141
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48489	.49606	.51164	.50027	.48976	.49754	.50526
SDev	.00557	.00199	.00273	.00480	.00257	.00429	.00473
%RSD	1.1489	.40150	.53396	.95875	.52540	.86267	.93569
#1	.48095	.49466	.50970	.49688	.48794	.49451	.50192
#2	.48883	.49747	.51357	.50366	.49158	.50058	.50861
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49924	.48988
SDev	.00147	.00405
%RSD	.29452	.82777
#1	.49820	.48701
#2	.50028	.49274
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5853	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.2374016	--	--	--	--	--	--
#1	5863	--	--	--	--	--	--
#2	5843	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 11:59:09 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 11:54:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03283	.00162	-.00014	-.00001	.00003	.02711	.00014
SDev	.01915	.00208	.00005	.00005	.00001	.01996	.00012
%RSD	58.336	128.25	37.174	453.42	52.224	73.633	79.699
#1	.01929	.00015	-.00018	-.00005	.00002	.01300	.00006
#2	.04637	.00309	-.00010	.00002	.00004	.04123	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00004	.00000	.00738	.00220	.02559	.00002
SDev	.00020	.00002	.00022	.00000	.00018	.02326	.00006
%RSD	1160.0	42.509	23804.	.01173	8.0800	90.865	273.78
#1	.00013	-.00006	.00016	.00738	.00207	.00915	-.00002
#2	-.00016	-.00003	-.00015	.00738	.00232	.04204	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01176	-.00026	-.00102	.00152	.00067	-.00170	-.00164
SDev	.05719	.00017	.00008	.00005	.00006	.00145	.00038
%RSD	486.19	65.510	8.2260	3.1913	8.9595	85.512	23.423
#1	.02868	-.00038	-.00108	.00149	.00063	-.00067	-.00192
#2	-.05220	-.00014	-.00096	.00156	.00072	-.00272	-.00137
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.00295	-.00017	-.00181	.00010	.00071	-.00242
SDev	.00027	.00231	.00022	.00112	.00042	.00000	.00001
%RSD	33.135	78.306	129.44	61.763	401.25	.24478	.23974
#1	.00062	-.00132	-.00001	-.00260	.00040	.00071	-.00243
#2	.00100	-.00458	-.00033	-.00102	-.00019	.00071	-.00242
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00011	.00088
SDev	.00014	.00116
%RSD	121.24	132.37
#1	-.00002	.00170
#2	-.00021	.00006
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5934	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.1412134	--	--	--	--	--	--
#1	5928	--	--	--	--	--	--
#2	5940	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855036/PB Operator: TWS
Run Time: 09/29/08 12:04:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03570	.00175	.00135	-.00001	.00003	.05547	.00014
SDev	.01766	.00042	.00043	.00005	.00001	.01249	.00031
%RSD	49.461	24.309	31.762	828.94	26.467	22.520	213.50
#1	.04819	.00204	.00105	-.00004	.00004	.06431	.00036
#2	.02322	.00145	.00166	.00003	.00003	.04664	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00051	.00086	.01949	.01516	.01792	.00003
SDev	.00009	.00022	.00001	.01537	.02402	.01554	.00000
%RSD	20.533	43.763	1.6386	78.836	158.46	86.730	2.6826
#1	.00037	.00067	.00087	.03036	-.00183	.02891	.00003
#2	.00050	.00035	.00085	.00863	.03215	.00693	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07785	.00118	-.00003	.00096	.00063	-.00240	-.00136
SDev	.06575	.00028	.00163	.00029	.00074	.00265	.00028
%RSD	84.462	23.883	6204.4	29.765	115.98	110.09	20.454
#1	.12434	.00098	-.00118	.00076	.00011	-.00053	-.00155
#2	.03135	.00138	.00113	.00117	.00115	-.00428	-.00116
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00978	-.00849	-.00006	.00359	-.00009	.00116	-.00087
SDev	.00079	.00358	.00018	.00022	.00014	.00031	.00020
%RSD	8.0624	42.098	314.81	6.1670	150.52	26.408	22.392
#1	.01033	-.00597	.00007	.00375	.00001	.00094	-.00101
#2	.00922	-.01102	-.00019	.00343	-.00019	.00138	-.00074
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	-.00131
SDev	.00029	.00014
%RSD	2994.3	10.715
#1	.00022	-.00121
#2	-.00020	-.00141
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5827	--	--	--	--	--	--
SDev	29.80448	--	--	--	--	--	--
%RSD	.5114520	--	--	--	--	--	--
#1	5848	--	--	--	--	--	--
#2	5806	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855035/FB Operator: TWS
Run Time: 09/29/08 12:09:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.428	.21522	.20586	.20591	.20465	10.310	.20688
SDev	.002	.00143	.00026	.00091	.00166	.036	.00101
%RSD	.01826	.66475	.12781	.44139	.81093	.35301	.48919
#1	10.429	.21421	.20605	.20527	.20347	10.285	.20617
#2	10.426	.21623	.20567	.20655	.20582	10.336	.20760
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20601	.20538	.20041	10.326	10.595	10.320	.20449
SDev	.00056	.00113	.00071	.041	.176	.090	.00164
%RSD	.27035	.55120	.35561	.40033	1.6615	.87063	.80359
#1	.20561	.20458	.19991	10.297	10.470	10.256	.20333
#2	.20640	.20618	.20092	10.355	10.719	10.383	.20566
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.326	.20740	.20780	.20896	.20857	.21493	.21044
SDev	.001	.00111	.00279	.00088	.00152	.00078	.00234
%RSD	.01106	.53307	1.3432	.42177	.72748	.36493	1.1128
#1	10.325	.20662	.20582	.20833	.20750	.21549	.20879
#2	10.327	.20818	.20977	.20958	.20964	.21438	.21210
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21863	.21309	.20346	.20991	.20318	.20598	.21500
SDev	.00592	.00414	.00022	.00068	.00027	.00146	.00132
%RSD	2.7085	1.9415	.10875	.32188	.13141	.70818	.61448
#1	.21444	.21602	.20330	.21039	.20299	.20495	.21593
#2	.22281	.21017	.20362	.20943	.20337	.20702	.21406
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05257	.20076
SDev	.00038	.00202
%RSD	.72270	1.0058
#1	.05284	.19933
#2	.05230	.20219
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5857	--	--	--	--	--	--
SDev	3.605968	--	--	--	--	--	--
%RSD	.0615647	--	--	--	--	--	--
#1	5860	--	--	--	--	--	--
#2	5855	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855024 Operator: TWS
Run Time: 09/29/08 12:14:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49450	.01078	2.1287	.38359	.00030	204.37	-.00006
SDev	.01899	.00091	.0057	.00073	.00002	.23	.00015
%RSD	3.8401	8.4663	.26655	.19078	7.4863	.11220	245.72
#1	.50792	.01013	2.1247	.38307	.00031	204.21	-.00017
#2	.48107	.01143	2.1327	.38411	.00028	204.54	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.00994	.00274	15.422	34.026	67.096	5.1779
SDev	.00000	.00050	.00029	.021	.032	.096	.0084
%RSD	.19093	5.0359	10.419	.13644	.09519	.14252	.16170
#1	.00108	.00959	.00295	15.407	34.003	67.029	5.1719
#2	.00108	.01029	.00254	15.437	34.049	67.164	5.1838
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.729	.00933	.00141	.00309	.00253	.00060	-.00120
SDev	.460	.00005	.00149	.00178	.00069	.00053	.00436
%RSD	.47563	.55216	105.87	57.563	27.270	87.503	364.15
#1	96.404	.00937	.00035	.00434	.00302	.00023	-.00428
#2	97.054	.00929	.00246	.00183	.00204	.00098	.00188
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00953	-.00386	.02544	.00331	.00169	.04022	.00026
SDev	.00246	.00044	.00028	.00273	.00028	.00016	.00001
%RSD	25.778	11.296	1.1192	82.408	16.590	.40424	2.1133
#1	.00779	-.00355	.02564	.00138	.00189	.04033	.00026
#2	.01127	-.00417	.02523	.00524	.00149	.04010	.00025
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00107
SDev	.00007	.00069
%RSD	66.248	64.164
#1	.00006	.00155
#2	.00017	.00058
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5747	--	--	--	--	--	--
SDev	19.51622	--	--	--	--	--	--
%RSD	.3395660	--	--	--	--	--	--
#1	5761	--	--	--	--	--	--
#2	5734	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855025 Operator: TWS
Run Time: 09/29/08 12:19:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0372	.00129	.07967	.04205	.00099	75.774	.01206
SDev	.0021	.00174	.00048	.00039	.00004	.069	.00009
%RSD	.19887	134.27	.60761	.91818	4.1104	.09150	.72016
#1	1.0357	.00007	.07933	.04177	.00102	75.725	.01212
#2	1.0387	.00252	.08001	.04232	.00096	75.823	.01200
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03956	.00116	.22152	1.2669	5.3556	10.305	2.2846
SDev	.00004	.00027	.00055	.0030	.0873	.057	.0161
%RSD	.09339	22.947	.24637	.23621	1.6302	.55717	.70684
#1	.03959	.00097	.22114	1.2648	5.2939	10.265	2.2732
#2	.03953	.00135	.22191	1.2690	5.4174	10.346	2.2960
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.995	.20253	.02485	.02848	.02727	.00029	-.00157
SDev	.180	.00013	.00065	.00186	.00146	.00155	.00068
%RSD	1.0590	.06281	2.6354	6.5332	5.3506	526.05	43.701
#1	16.868	.20244	.02438	.02717	.02624	-.00080	-.00108
#2	17.123	.20261	.02531	.02980	.02830	.00139	-.00205
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00812	-.00362	.00032	.00155	.00008	6.1891	.00260
SDev	.00449	.00008	.00029	.00189	.00014	.0265	.00063
%RSD	55.281	2.2948	91.799	121.75	173.24	.42897	24.208
#1	.00495	-.00368	.00011	.00022	-.00002	6.1703	.00304
#2	.01129	-.00356	.00052	.00289	.00018	6.2079	.00215
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	-.00063
SDev	.00029	.00100
%RSD	178.19	158.09
#1	-.00004	.00007
#2	.00037	-.00134
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5798	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1006167	--	--	--	--	--	--
#1	5802	--	--	--	--	--	--
#2	5794	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855026 Operator: TWS
Run Time: 09/29/08 12:24:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01900	.00646	.14421	.24569	.00029	140.29	-.00010
SDev	.00037	.00022	.00033	.00094	.00004	.56	.00018
%RSD	1.9362	3.3798	.22618	.38362	14.981	.40076	174.72
#1	.01926	.00661	.14398	.24503	.00026	139.90	-.00023
#2	.01874	.00630	.14444	.24636	.00032	140.69	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00301	.00232	.00083	4.9695	1.6668	37.598	.43252
SDev	.00008	.00058	.00039	.0215	.0506	.196	.00175
%RSD	2.7327	24.857	46.735	.43193	3.0356	.52197	.40404
#1	.00295	.00191	.00055	4.9543	1.6311	37.459	.43128
#2	.00307	.00273	.00110	4.9846	1.7026	37.737	.43375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.101	.00336	-.00124	-.00125	-.00124	-.00084	-.00509
SDev	.124	.00029	.00100	.00179	.00086	.00148	.00117
%RSD	.41175	8.5901	80.683	143.53	69.314	175.08	22.927
#1	30.013	.00357	-.00194	.00002	-.00063	.00020	-.00592
#2	30.189	.00316	-.00053	-.00251	-.00185	-.00189	-.00427
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00630	-.00442	.00023	.00307	.00042	.00619	.00220
SDev	.00303	.00070	.00017	.00032	.00044	.00014	.00043
%RSD	48.135	15.766	71.240	10.530	103.90	2.2327	19.658
#1	.00845	-.00392	.00035	.00284	.00073	.00628	.00189
#2	.00416	-.00491	.00012	.00330	.00011	.00609	.00250
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	-.00109
SDev	.00016	.00028
%RSD	127.44	25.935
#1	-.00024	-.00089
#2	-.00001	-.00129
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5640	--	--	--	--	--	--
SDev	12.30393	--	--	--	--	--	--
%RSD	.2181374	--	--	--	--	--	--
#1	5649	--	--	--	--	--	--
#2	5632	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855027 Operator: TWS
Run Time: 09/29/08 12:29:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45158	.00836	2.5187	.09190	.00068	251.66	.00024
SDev	.01060	.00175	.0034	.00024	.00002	.19	.00020
%RSD	2.3474	20.894	.13426	.26334	2.6495	.07506	80.999
#1	.45908	.00712	2.5163	.09173	.00069	251.53	.00010
#2	.44409	.00959	2.5211	.09207	.00067	251.80	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	.00506	.00741	1.3176	289.46	678.88	.24738
SDev	.00017	.00040	.00016	.0100	.91	.48	.00020
%RSD	9.9625	7.9128	2.2005	.75589	.31301	.07043	.08154
#1	.00163	.00477	.00752	1.3106	288.82	678.54	.24752
#2	.00187	.00534	.00729	1.3246	290.10	679.22	.24723
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2636.5	.00772	.00461	.00957	.00792	-.00127	-.00159
SDev	5.9	.00042	.00019	.00129	.00092	.00192	.00068
%RSD	.22248	5.4482	4.0936	13.468	11.650	150.48	42.607
#1	H2632.3	.00742	.00448	.00866	.00727	.00008	-.00206
#2	H2640.6	.00801	.00474	.01048	.00857	-.00263	-.00111
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00851	-.00617	.01878	.00258	.00792	.07264	.00098
SDev	.00221	.00398	.00268	.00062	.00013	.00024	.00186
%RSD	25.939	64.528	14.272	24.009	1.6442	.32811	190.62
#1	.00695	-.00335	.02067	.00214	.00801	.07247	-.00034
#2	.01008	-.00898	.01688	.00302	.00783	.07280	.00230
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00021	.00328
SDev	.00019	.00012
%RSD	91.297	3.5063
#1	.00007	.00320
#2	.00034	.00336
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5228	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.3246029	--	--	--	--	--	--
#1	5240	--	--	--	--	--	--
#2	5216	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855028 Operator: TWS
Run Time: 09/29/08 12:34:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38900	.00831	2.6449	.07938	.00071	260.55	.00021
SDev	.00383	.00060	.0039	.00005	.00003	.31	.00013
%RSD	.98456	7.2417	.14933	.06077	3.9614	.11803	64.251
#1	.39171	.00788	2.6421	.07935	.00073	260.77	.00030
#2	.38629	.00874	2.6477	.07941	.00069	260.34	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00508	.00761	1.1539	299.01	703.67	.21325
SDev	.00026	.00052	.00016	.0239	.20	.72	.00070
%RSD	22.367	10.337	2.0990	2.0706	.06534	.10216	.32895
#1	.00096	.00471	.00773	1.1708	299.14	704.18	.21375
#2	.00133	.00545	.00750	1.1370	298.87	703.16	.21276
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2705.9	.00829	.00631	.00931	.00831	.00343	-.00418
SDev	3.4	.00012	.00080	.00042	.00054	.00204	.00289
%RSD	.12675	1.4680	12.637	4.4655	6.5313	59.600	69.072
#1	H2703.5	.00838	.00575	.00902	.00793	.00488	-.00214
#2	H2708.4	.00821	.00687	.00961	.00870	.00198	-.00622
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01330	-.00151	.01529	.00193	.00644	.08320	.00135
SDev	.00158	.00228	.00378	.00020	.00017	.00014	.00026
%RSD	11.888	151.01	24.692	10.555	2.6961	.17120	19.698
#1	.01442	.00010	.01796	.00179	.00656	.08310	.00153
#2	.01218	-.00312	.01262	.00208	.00632	.08330	.00116
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00038	.00435
SDev	.00010	.00109
%RSD	25.500	24.983
#1	.00031	.00511
#2	.00045	.00358
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5169	--	--	--	--	--	--
SDev	11.87926	--	--	--	--	--	--
%RSD	.2298373	--	--	--	--	--	--
#1	5160	--	--	--	--	--	--
#2	5177	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855029 Operator: TWS
Run Time: 09/29/08 12:39:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4647	.00839	.15543	.16841	.00031	128.45	.00024
SDev	.0081	.00112	.00009	.00021	.00003	.04	.00011
%RSD	.55233	13.304	.05484	.12454	9.5662	.02859	43.539
#1	1.4704	.00760	.15549	.16826	.00033	128.47	.00017
#2	1.4589	.00918	.15537	.16855	.00029	128.42	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00595	.00333	.01485	21.122	5.5384	17.750	3.0235
SDev	.00006	.00020	.00012	.016	.0377	.021	.0043
%RSD	1.0714	5.9771	.80888	.07764	.68008	.11680	.14270
#1	.00600	.00319	.01476	21.111	5.5117	17.764	3.0204
#2	.00591	.00347	.01493	21.134	5.5650	17.735	3.0265
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.496	.01067	.00904	.01374	.01217	.00027	-.00269
SDev	.214	.00017	.00086	.00003	.00031	.00056	.00083
%RSD	.80894	1.5745	9.5664	.22597	2.5348	202.82	30.943
#1	26.647	.01078	.00965	.01376	.01239	.00067	-.00328
#2	26.344	.01055	.00843	.01372	.01196	-.00012	-.00210
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00524	-.00221	.05152	.00442	.00755	.07851	.00266
SDev	.00267	.00050	.00099	.00314	.00026	.00105	.00043
%RSD	50.921	22.706	1.9250	71.059	3.4721	1.3388	16.193
#1	.00712	-.00256	.05222	.00220	.00736	.07925	.00297
#2	.00335	-.00185	.05082	.00664	.00773	.07777	.00236
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00021	.00069
SDev	.00013	.00112
%RSD	63.511	162.00
#1	.00030	-.00010
#2	.00011	.00148
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5674	--	--	--	--	--	--
SDev	20.68287	--	--	--	--	--	--
%RSD	.3645314	--	--	--	--	--	--
#1	5659	--	--	--	--	--	--
#2	5688	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855029/L (1:5) Operator: TWS
Run Time: 09/29/08 12:44:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36432	.00400	.03383	.03121	-.00013	23.447	.00027
SDev	.00111	.00094	.00056	.00025	.00006	.178	.00006
%RSD	.30555	23.479	1.6613	.80872	42.931	.75758	23.169
#1	.36354	.00467	.03344	.03103	-.00017	23.322	.00023
#2	.36511	.00334	.03423	.03139	-.00009	23.573	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00100	.00318	3.9248	1.0319	3.2778	.56424
SDev	.00015	.00045	.00028	.0337	.0178	.0357	.00680
%RSD	19.344	44.462	8.6499	.85913	1.7295	1.0900	1.2055
#1	.00065	.00132	.00299	3.9010	1.0193	3.2525	.55943
#2	.00085	.00069	.00338	3.9486	1.0445	3.3030	.56905
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0096	.00164	.00631	.00172	.00324	.00078	-.00057
SDev	.0201	.00057	.00135	.00159	.00061	.00000	.00034
%RSD	.40094	35.139	21.427	92.562	18.764	.50895	59.691
#1	5.0238	.00123	.00726	.00059	.00281	.00078	-.00081
#2	4.9953	.00204	.00535	.00284	.00368	.00078	-.00033
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00822	-.00294	.01697	.00245	.00148	.01559	-.00080
SDev	.00007	.00003	.00037	.00125	.00000	.00062	.00061
%RSD	.86018	.99973	2.1955	50.853	.20302	3.9638	76.330
#1	.00817	-.00292	.01671	.00157	.00148	.01515	-.00123
#2	.00827	-.00296	.01724	.00333	.00148	.01603	-.00037
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00023	.00073
SDev	.00005	.00009
%RSD	21.757	12.573
#1	-.00020	.00067
#2	-.00027	.00080
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5951	--	--	--	--	--	--
SDev	12.93992	--	--	--	--	--	--
%RSD	.2174483	--	--	--	--	--	--
#1	5960	--	--	--	--	--	--
#2	5942	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855029/PS Operator: TWS
Run Time: 09/29/08 12:49:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.794	.22323	.37075	.38319	.20982	136.85	.20800
SDev	.014	.00131	.00035	.00043	.00024	.16	.00039
%RSD	.10603	.58861	.09517	.11307	.11652	.11496	.18633
#1	12.804	.22416	.37050	.38288	.20965	136.74	.20773
#2	12.785	.22230	.37100	.38350	.20999	136.96	.20828
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21341	.21188	.22081	31.408	16.930	28.027	3.1888
SDev	.00052	.00031	.00015	.021	.021	.011	.0038
%RSD	.24617	.14476	.07040	.06590	.12510	.03950	.12029
#1	.21304	.21166	.22070	31.394	16.915	28.020	3.1860
#2	.21379	.21209	.22092	31.423	16.945	28.035	3.1915
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	36.468	.21816	.21337	.21883	.21701	.22372	.21483
SDev	.081	.00007	.00268	.00013	.00080	.00135	.00199
%RSD	.22157	.03186	1.2542	.06078	.36975	.60337	.92804
#1	36.525	.21811	.21526	.21873	.21758	.22277	.21343
#2	36.411	.21820	.21148	.21892	.21644	.22468	.21624
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22411	.22353	.28648	.21423	.21655	.28263	.17701
SDev	.00426	.00011	.00995	.00203	.00082	.00087	.00032
%RSD	1.9007	.04696	3.4743	.94822	.37956	.30892	.17834
#1	.22110	.22361	.29352	.21567	.21597	.28202	.17724
#2	.22712	.22346	.27944	.21279	.21713	.28325	.17679
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05309	.20734
SDev	.00081	.00217
%RSD	1.5353	1.0459
#1	.05251	.20580
#2	.05366	.20887
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5704	--	--	--	--	--	--
SDev	17.60689	--	--	--	--	--	--
%RSD	.3086897	--	--	--	--	--	--
#1	5716	--	--	--	--	--	--
#2	5691	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 12:57:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.094	.48562	.48678	.49122	.49139	24.936	.49114
SDev	.006	.00261	.00027	.00045	.00086	.023	.00006
%RSD	.02420	.53779	.05566	.09210	.17604	.09028	.01225
#1	25.089	.48377	.48697	.49090	.49078	24.952	.49109
#2	25.098	.48746	.48659	.49154	.49200	24.920	.49118
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48889	.50930	.48447	24.587	24.096	24.618	.49424
SDev	.00058	.00098	.00188	.016	.059	.021	.00041
%RSD	.11919	.19184	.38872	.06324	.24406	.08337	.08341
#1	.48848	.50999	.48314	24.598	24.055	24.603	.49395
#2	.48931	.50861	.48580	24.576	24.138	24.632	.49453
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.360	.49935	.49542	.50024	.49864	.49743	.50773
SDev	.056	.00081	.00212	.00047	.00102	.00171	.00442
%RSD	.23157	.16280	.42788	.09409	.20452	.34422	.87053
#1	24.400	.49992	.49692	.50058	.49936	.49622	.51085
#2	24.320	.49877	.49392	.49991	.49792	.49864	.50460
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48891	.50170	.51340	.50342	.49279	.49969	.50956
SDev	.00804	.00145	.00060	.00318	.00071	.00063	.00227
%RSD	1.6447	.28946	.11643	.63239	.14308	.12610	.44502
#1	.48322	.50273	.51298	.50567	.49229	.49924	.51116
#2	.49460	.50067	.51383	.50117	.49328	.50013	.50795
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50292	.48911
SDev	.00028	.00046
%RSD	.05626	.09316
#1	.50312	.48879
#2	.50272	.48944
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5719	--	--	--	--	--	--
SDev	13.57659	--	--	--	--	--	--
%RSD	.2374111	--	--	--	--	--	--
#1	5709	--	--	--	--	--	--
#2	5728	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 13:02:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01695	.00269	.00151	.00007	.00010	.02657	.00038
SDev	.00232	.00129	.00100	.00005	.00000	.00195	.00016
%RSD	13.711	47.757	66.697	71.014	1.2329	7.3282	42.771
#1	.01531	.00178	.00080	.00003	.00010	.02520	.00049
#2	.01860	.00360	.00222	.00011	.00010	.02795	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00015	.00096	.00744	.02204	.02215	.00019
SDev	.00015	.00052	.00054	.00522	.00399	.00524	.00003
%RSD	46.409	335.92	55.986	70.227	18.106	23.667	18.345
#1	-.00021	-.00021	.00134	.01113	.02487	.01844	.00021
#2	-.00042	.00052	.00058	.00374	.01922	.02585	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15767	-.00035	.00174	.00156	.00162	.00073	-.00296
SDev	.01794	.00122	.00044	.00014	.00024	.00473	.00203
%RSD	11.379	350.44	25.163	9.1416	14.861	644.50	68.673
#1	.14499	-.00121	.00143	.00146	.00145	.00408	-.00440
#2	.17036	.00051	.00205	.00166	.00179	-.00261	-.00152
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00680	-.00230	-.00002	-.00073	-.00009	.00044	-.00181
SDev	.00518	.00450	.00018	.00032	.00014	.00014	.00150
%RSD	76.073	195.58	1151.2	44.498	162.30	32.714	82.917
#1	.01046	.00088	.00011	-.00095	.00001	.00034	-.00287
#2	.00314	-.00549	-.00015	-.00050	-.00019	.00054	-.00075
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00095
SDev	.00019	.00070
%RSD	110.63	73.313
#1	.00031	.00145
#2	.00004	.00046
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5751	--	--	--	--	--	--
SDev	35.63811	--	--	--	--	--	--
%RSD	.6197340	--	--	--	--	--	--
#1	5725	--	--	--	--	--	--
#2	5776	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855030/MD Operator: TWS
Run Time: 09/29/08 13:07:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7345	.02251	.17617	.31018	.00079	139.24	.00176
SDev	.0074	.00100	.00112	.00053	.00003	.06	.00005
%RSD	.08424	4.4598	.63350	.17061	3.1664	.04487	2.9368
#1	8.7293	.02322	.17538	.30980	.00081	139.28	.00172
#2	8.7397	.02180	.17696	.31055	.00078	139.19	.00180
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01641	.01813	.09021	57.322	7.0579	20.341	3.2108
SDev	.00070	.00041	.00063	.004	.0203	.008	.0017
%RSD	4.2536	2.2565	.69702	.00620	.28796	.04064	.05319
#1	.01691	.01842	.08976	57.320	7.0435	20.347	3.2096
#2	.01592	.01784	.09065	57.325	7.0723	20.335	3.2120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.403	.03268	.06223	.06471	.06388	.00463	-.00210
SDev	.171	.00033	.00048	.00062	.00026	.00101	.00032
%RSD	.62557	1.0146	.76553	.96366	.40275	21.848	15.109
#1	27.282	.03245	.06257	.06427	.06370	.00535	-.00188
#2	27.524	.03292	.06189	.06515	.06407	.00392	-.00233
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01230	.00080	.37580	.00409	.04049	.47348	.00569
SDev	.00017	.00143	.01450	.00165	.00013	.00025	.00193
%RSD	1.3977	179.46	3.8594	40.291	.31415	.05292	33.839
#1	.01243	.00181	.36555	.00292	.04058	.47366	.00433
#2	.01218	-.00021	.38606	.00525	.04040	.47330	.00706
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	.00271
SDev	.00032	.00176
%RSD	88.184	64.817
#1	.00060	.00147
#2	.00014	.00396
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5735	--	--	--	--	--	--
SDev	22.59220	--	--	--	--	--	--
%RSD	.3939028	--	--	--	--	--	--
#1	5751	--	--	--	--	--	--
#2	5720	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855031/MS Operator: TWS
Run Time: 09/29/08 13:12:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0004	.05282	.15700	2.2403	.05163	129.54	.05124
SDev	.0179	.00011	.00098	.0040	.00015	.11	.00008
%RSD	.35878	.20226	.62161	.17878	.29976	.08548	.16411
#1	5.0131	.05275	.15631	2.2375	.05152	129.46	.05118
#2	4.9878	.05290	.15769	2.2432	.05174	129.62	.05130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51869	.21527	.28554	29.785	5.7684	18.285	3.5279
SDev	.00067	.00069	.00109	.023	.0087	.033	.0043
%RSD	.12877	.31935	.38090	.07759	.15096	.17894	.12216
#1	.51916	.21576	.28477	29.769	5.7622	18.262	3.5249
#2	.51822	.21479	.28631	29.802	5.7745	18.308	3.5310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.255	.53554	.04147	.04498	.04381	.05319	.10248
SDev	.007	.00176	.00139	.00142	.00048	.00146	.00108
%RSD	.02561	.32874	3.3627	3.1475	1.0954	2.7434	1.0521
#1	26.250	.53430	.04245	.04398	.04347	.05422	.10171
#2	26.259	.53679	.04048	.04598	.04415	.05215	.10324
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05687	.05135	.10015	.05509	.52998	.65599	.21294
SDev	.00163	.00137	.00508	.00159	.00027	.00044	.00137
%RSD	2.8709	2.6728	5.0680	2.8788	.05153	.06740	.64348
#1	.05802	.05232	.10374	.05397	.52978	.65568	.21391
#2	.05571	.05038	.09656	.05621	.53017	.65630	.21197
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05214	.00187
SDev	.00023	.00079
%RSD	.43574	42.217
#1	.05198	.00131
#2	.05230	.00243
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5700	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.1600324	--	--	--	--	--	--
#1	5706	--	--	--	--	--	--
#2	5693	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855032 Operator: TWS
Run Time: 09/29/08 13:19:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.00158	.00065	.00028	.00009	.07506	.00007
SDev	.00452	.00106	.00085	.00007	.00002	.00845	.00011
%RSD	119.29	67.021	131.12	24.044	19.257	11.262	153.13
#1	.00698	.00083	.00125	.00033	.00011	.08104	-.00001
#2	.00059	.00233	.00005	.00024	.00008	.06908	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00005	.00059	-.00002	.00139	.00250	.00057
SDev	.00071	.00021	.00013	.00528	.01692	.00052	.00013
%RSD	730.48	434.36	22.293	24734.	1218.6	20.599	21.908
#1	-.00060	.00020	.00050	.00372	-.01057	.00287	.00066
#2	.00041	-.00010	.00068	-.00376	.01335	.00214	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	.00102	-.00158	.00051	-.00019	.00115	-.00258
SDev	.00617	.00043	.00109	.00118	.00115	.00072	.00013
%RSD	64.908	41.878	69.009	232.90	613.83	62.927	5.0098
#1	.00515	.00132	-.00235	-.00033	-.00100	.00064	-.00249
#2	.01388	.00072	-.00081	.00134	.00063	.00166	-.00268
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00859	-.00257	-.00020	-.00042	-.00009	.00088	.00043
SDev	.00185	.00201	.00024	.00207	.00014	.00015	.00341
%RSD	21.574	78.280	121.33	488.94	158.71	16.730	792.62
#1	.00990	-.00399	-.00037	-.00189	.00001	.00099	-.00198
#2	.00728	-.00115	-.00003	.00104	-.00019	.00078	.00284
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	-.00146
SDev	.00055	.00069
%RSD	109.17	47.349
#1	-.00090	-.00195
#2	-.00012	-.00097
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5694	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.3073365	--	--	--	--	--	--
#1	5707	--	--	--	--	--	--
#2	5682	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855033 Operator: TWS
Run Time: 09/29/08 13:24:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.070	.02949	.21782	.67659	.00131	188.83	.00664
SDev	.044	.00060	.00063	.00112	.00005	.62	.00006
%RSD	.25870	2.0256	.29046	.16620	3.4092	.32959	.98396
#1	17.101	.02991	.21737	.67579	.00128	188.39	.00668
#2	17.039	.02906	.21827	.67738	.00134	189.27	.00659
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02403	.03231	.24044	68.855	15.602	28.767	7.8176
SDev	.00026	.00017	.00026	.221	.092	.121	.0334
%RSD	1.0724	.52518	.10589	.32078	.58841	.41906	.42662
#1	.02421	.03219	.24026	68.699	15.537	28.681	7.7940
#2	.02385	.03243	.24062	69.011	15.667	28.852	7.8412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.485	.07861	.21713	.22172	.22019	.00206	.00333
SDev	.102	.00056	.00309	.00013	.00094	.00055	.00226
%RSD	.16357	.71607	1.4232	.05906	.42767	26.807	67.853
#1	62.413	.07901	.21494	.22181	.21952	.00245	.00173
#2	62.557	.07822	.21931	.22162	.22085	.00167	.00493
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01686	-.00535	.45389	.00520	.05559	3.3197	.03057
SDev	.00246	.00206	.00754	.00007	.00019	.0155	.00106
%RSD	14.600	38.474	1.6615	1.2921	.33416	.46582	3.4704
#1	.01512	-.00389	.44856	.00515	.05572	3.3087	.02982
#2	.01860	-.00680	.45922	.00525	.05546	3.3306	.03132
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00076	.00314
SDev	.00050	.00069
%RSD	66.381	22.087
#1	.00040	.00363
#2	.00111	.00265
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5672	--	--	--	--	--	--
SDev	3.075638	--	--	--	--	--	--
%RSD	.0542290	--	--	--	--	--	--
#1	5669	--	--	--	--	--	--
#2	5674	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855034 Operator: TWS
Run Time: 09/29/08 13:30:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01304	.00085	.00070	.00011	.00019	.04720	-.00002
SDev	.00029	.00089	.00005	.00003	.00001	.00706	.00009
%RSD	2.2530	104.30	6.7375	30.815	6.3442	14.959	439.83
#1	.01325	.00022	.00067	.00013	.00020	.05219	-.00008
#2	.01283	.00148	.00074	.00009	.00018	.04221	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00016	.00064	.00618	.00554	.00039	.00091
SDev	.00036	.00012	.00041	.00525	.00497	.00298	.00041
%RSD	77.103	73.673	63.722	84.962	89.741	766.10	45.257
#1	.00022	-.00008	.00035	.00990	.00202	-.00172	.00120
#2	.00073	-.00024	.00093	.00247	.00905	.00249	.00062
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14572	.00035	-.00183	.00045	-.00031	-.00142	-.00422
SDev	.03442	.00048	.00222	.00023	.00089	.00080	.00562
%RSD	23.621	136.00	121.24	51.454	287.10	56.411	133.17
#1	.12138	.00001	-.00339	.00028	-.00094	-.00199	-.00820
#2	.17006	.00069	-.00026	.00061	.00032	-.00085	-.00025
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00936	-.00681	-.00026	.00238	.00032	.00270	.00118
SDev	.00028	.00134	.00011	.00044	.00014	.00060	.00021
%RSD	2.9518	19.692	42.830	18.465	44.915	22.132	18.166
#1	.00955	-.00776	-.00018	.00270	.00042	.00312	.00133
#2	.00916	-.00586	-.00034	.00207	.00022	.00228	.00103
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00033	-.00130
SDev	.00022	.00018
%RSD	68.366	14.080
#1	.00049	-.00143
#2	.00017	-.00117
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5708	--	--	--	--	--	--
SDev	15.48557	--	--	--	--	--	--
%RSD	.2713197	--	--	--	--	--	--
#1	5718	--	--	--	--	--	--
#2	5697	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855128/(1:5) Operator: TWS
Run Time: 09/29/08 13:37:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00413	.00468	.08083	.01253	.00007	18.104	.00018
SDev	.01068	.00042	.00021	.00002	.00004	.104	.00005
%RSD	258.62	8.9526	.26463	.14917	51.487	.57486	26.057
#1	-.00342	.00439	.08068	.01254	.00005	18.031	.00014
#2	.01169	.00498	.08098	.01252	.00010	18.178	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00055	.00153	.23685	2.3176	12.558	.29574
SDev	.00001	.00019	.00010	.00208	.0175	.033	.00011
%RSD	2.9227	34.972	6.7989	.87842	.75484	.26002	.03545
#1	.00045	.00041	.00160	.23832	2.3300	12.534	.29567
#2	.00047	.00068	.00146	.23538	2.3052	12.581	.29582
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	195.32	-.00029	.00330	-.00131	.00023	.00021	-.00345
SDev	.01	.00067	.00006	.00069	.00048	.00223	.00124
%RSD	.00467	230.74	1.8094	53.131	209.96	1041.6	35.981
#1	195.32	-.00077	.00326	-.00180	-.00011	-.00136	-.00257
#2	195.33	.00018	.00335	-.00081	.00057	.00179	-.00433
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00173	-.00054	.00042	.00025	.00062	.00130	-.00120
SDev	.00160	.00414	.00022	.00133	.00028	.00015	.00106
%RSD	92.722	762.89	51.653	528.14	46.223	11.804	87.998
#1	.00286	-.00347	.00027	-.00069	.00041	.00141	-.00045
#2	.00059	.00239	.00058	.00119	.00082	.00119	-.00195
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	-.00007
SDev	.00050	.00170
%RSD	97.732	2383.6
#1	-.00087	.00113
#2	-.00016	-.00128
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5737	--	--	--	--	--	--
SDev	8.379285	--	--	--	--	--	--
%RSD	.1460652	--	--	--	--	--	--
#1	5731	--	--	--	--	--	--
#2	5743	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855265/PB Operator: TWS
Run Time: 09/29/08 13:45:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01744	.00005	.00389	-.00002	-.00022	.06381	-.00008
SDev	.00467	.00237	.00051	.00007	.00006	.00086	.00010
%RSD	26.765	4532.2	13.128	292.16	28.151	1.3442	122.91
#1	.02075	.00173	.00353	.00002	-.00017	.06320	-.00015
#2	.01414	-.00163	.00425	-.00007	-.00026	.06442	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00004	.00041	.00261	.01001	-.00383	.00004
SDev	.00009	.00020	.00003	.00673	.01302	.00192	.00015
%RSD	154.37	566.55	7.0700	257.75	129.96	50.103	353.19
#1	-.00012	-.00011	.00043	-.00215	.01922	-.00519	-.00006
#2	.00001	.00018	.00039	.00738	.00081	-.00247	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06316	.00002	.00148	.00106	.00120	.00033	.00096
SDev	.02229	.00063	.00080	.00004	.00029	.00019	.00000
%RSD	35.296	2935.9	53.561	3.4548	24.035	58.578	.05701
#1	.07892	.00046	.00092	.00104	.00100	.00046	.00096
#2	.04739	-.00042	.00205	.00109	.00141	.00019	.00096
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00636	-.00269	.00017	-.00311	.00020	.00164	-.00053
SDev	.00329	.00136	.00032	.00032	.00000	.00043	.00143
%RSD	51.685	50.437	190.61	10.334	.21791	26.292	266.93
#1	.00869	-.00365	.00039	-.00288	.00020	.00133	.00047
#2	.00404	-.00173	-.00006	-.00334	.00020	.00194	-.00154
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00006	.00027
SDev	.00029	.00164
%RSD	458.78	600.90
#1	.00014	-.00089
#2	-.00027	.00144
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5945	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2729728	--	--	--	--	--	--
#1	5933	--	--	--	--	--	--
#2	5956	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/29/08 13:53:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19407	.01106	.02009	.00196	.00185	.48630	.00112
SDev	.00570	.00061	.00051	.00006	.00005	.00111	.00000
%RSD	2.9353	5.4835	2.5239	3.1174	2.7085	.22840	.11462
#1	.19810	.01064	.01973	.00191	.00181	.48551	.00112
#2	.19004	.01149	.02044	.00200	.00188	.48708	.00112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01300	.02600	.00300	.00260	.75000	.00130
Low	.10000	.00700	.01400	.00100	.00140	.25000	.00070

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	.00407	.01040	.05542	.48495	.19547	.00301
SDev	.00022	.00004	.00027	.00108	.01060	.00007	.00017
%RSD	5.8213	.94716	2.6231	1.9398	2.1867	.03813	5.6476
#1	.00367	.00410	.01021	.05466	.47745	.19542	.00289
#2	.00399	.00405	.01060	.05618	.49245	.19552	.00313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00520	.00520	.01300	.07500	.75000	.30000	.00390
Low	.00280	.00280	.00700	.02500	.25000	.10000	.00210

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0684	.00954	.00659	.00518	.00565	.01209	.01690
SDev	.1404	.00060	.00059	.00024	.00036	.00298	.00278
%RSD	13.141	6.3322	8.9019	4.6209	6.2835	24.624	16.459
#1	.96915	.00911	.00701	.00535	.00590	.01420	.01494
#2	1.1677	.00996	.00618	.00501	.00540	L.00999	.01887
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01300			.00750	.01950	.03000
Low	.50000	.00700			.00250	.01050	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01684	.00972	.00478	.01811	.00494	.01087	.00784
SDev	.00368	.00263	.00004	.00168	.00012	.00005	.00123
%RSD	21.844	27.032	.85687	9.2532	2.4282	.46175	15.670
#1	.01944	.01158	.00475	.01930	.00502	.01083	.00871
#2	.01424	.00786	.00481	.01693	.00485	.01090	L.00697
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00650	.03000	.00650	.01300	.01300
Low			.00350	.01000	.00350	.00700	.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00270	.00917
SDev	.00017	.00009
%RSD	6.4113	.95004
#1	.00258	.00911
#2	.00283	.00923
Errors	LC Pass	LC Pass
High	.00390	.01300
Low	.00210	.00700

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5809	--	--	--	--	--	--
SDev	25.13751	--	--	--	--	--	--
%RSD	.4327469	--	--	--	--	--	--
#1	5827	--	--	--	--	--	--
#2	5791	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/29/08 13:58:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	533.15	.00278	.00188	.00063	.00071	540.61	.00010
SDev	1.31	.00237	.00024	.00003	.00004	1.82	.00034
%RSD	.24492	85.490	12.809	5.4144	5.2515	.33654	355.76
#1	532.22	.00110	.00171	.00061	.00069	539.32	.00034
#2	534.07	.00446	.00205	.00066	.00074	541.89	-.00015
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	-.00037	-.00043	206.35	.03902	533.64	.00049
SDev	.00042	.00121	.00002	.70	.00158	1.84	.00012
%RSD	321.80	322.89	4.0888	.34035	4.0522	.34499	24.824
#1	-.00017	.00048	-.00044	205.85	.04014	532.33	.00040
#2	.00043	-.00123	-.00042	206.85	.03790	534.94	.00057
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04877	.00105	.02476	-.01496	-.00173	-.00160	.00039
SDev	.06164	.00002	.00513	.00144	.00075	.00426	.00245
%RSD	126.40	1.9262	20.702	9.6366	43.123	267.08	629.94
#1	.09236	.00106	.02839	-.01598	-.00120	.00142	.00212
#2	.00518	.00104	.02114	-.01394	-.00226	-.00461	-.00134
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00656	-.00567	-.00004	-.00185	.00036	-.00217	.00467
SDev	.00073	.00603	.00031	.00288	.00001	.00083	.00047
%RSD	11.170	106.25	786.40	156.33	3.6319	38.266	10.035
#1	.00707	-.00141	-.00025	.00019	.00037	-.00276	.00434
#2	.00604	-.00993	.00018	-.00388	.00035	-.00158	.00501
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00044	-.00266
SDev	.00002	.00026
%RSD	5.3733	9.7114
#1	.00046	-.00284
#2	.00043	-.00247
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5271	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.0462839	--	--	--	--	--	--
#1	5273	--	--	--	--	--	--
#2	5269	--	--	--	--	--	--

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Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/29/08 14:03:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	539.69	.11450	.00612	.54245	.51207	541.62	1.0283
SDev	.52	.00509	.00075	.00131	.00204	.77	.0007
%RSD	.09660	4.4466	12.177	.24181	.39870	.14230	.06890
#1	539.32	.11810	.00560	.54152	.51062	541.08	1.0288
#2	540.05	.11090	.00665	.54337	.51351	542.17	1.0278
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50634	.52829	.53915	102.78	.02075	527.08	.51129
SDev	.00173	.00172	.00171	.10	.00683	1.84	.00223
%RSD	.34166	.32554	.31691	.09407	32.888	.34835	.43561
#1	.50512	.52707	.53794	102.71	.01593	525.78	.50972
#2	.50757	.52950	.54036	102.85	.02558	528.37	.51287
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08366	1.0002	.07584	.04145	.05290	.04891	.67334
SDev	.15619	.0002	.00147	.00005	.00046	.00153	.00417
%RSD	186.69	.02379	1.9419	.10975	.86977	3.1184	.61853
#1	-.02678	1.0001	.07480	.04148	.05258	.04783	.67628
#2	.19410	1.0004	.07689	.04142	.05323	.04999	.67039
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04480	.05097	.00177	.09673	.53633	1.0135	.00209
SDev	.00307	.00382	.00054	.00516	.00037	.0039	.00023
%RSD	6.8481	7.4980	30.719	5.3334	.06857	.38746	11.063
#1	.04697	.04827	.00138	.10037	.53607	1.0108	.00193
#2	.04263	.05367	.00215	.09308	.53659	1.0163	.00225
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22701	-.00086
SDev	.00029	.00218
%RSD	.12963	254.19
#1	.22680	-.00239
#2	.22721	.00068
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5206	--	--	--	--	--	--
SDev	29.59249	--	--	--	--	--	--
%RSD	.5684659	--	--	--	--	--	--
#1	5227	--	--	--	--	--	--
#2	5185	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 14:11:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.152	.49044	.48994	.49724	.49986	25.076	.49384
SDev	.026	.00254	.00219	.00138	.00337	.094	.00260
%RSD	.10164	.51800	.44675	.27679	.67450	.37645	.52727
#1	25.134	.48865	.48839	.49626	.49747	25.009	.49200
#2	25.170	.49224	.49149	.49821	.50224	25.143	.49568
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49286	.51283	.48872	24.775	24.702	24.980	.50161
SDev	.00128	.00182	.00092	.083	.139	.183	.00247
%RSD	.25867	.35534	.18749	.33591	.56452	.73303	.49225
#1	.49196	.51154	.48807	24.716	24.603	24.851	.49986
#2	.49376	.51412	.48937	24.833	24.800	25.110	.50336
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.754	.50277	.50064	.50242	.50183	.49879	.50624
SDev	.143	.00160	.00062	.00299	.00220	.00331	.00158
%RSD	.57683	.31777	.12419	.59424	.43807	.66316	.31256
#1	24.855	.50164	.50020	.50031	.50027	.49645	.50512
#2	24.653	.50390	.50108	.50453	.50338	.50113	.50736
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49396	.50122	.51693	.49985	.49470	.50632	.51073
SDev	.00217	.00388	.00026	.00340	.00087	.00381	.00456
%RSD	.43938	.77344	.05110	.68097	.17598	.75344	.89235
#1	.49243	.49847	.51675	.49745	.49408	.50362	.50751
#2	.49550	.50396	.51712	.50226	.49531	.50902	.51395
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50594	.49625
SDev	.00001	.00390
%RSD	.00259	.78599
#1	.50595	.49349
#2	.50593	.49901
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5680	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0298763	--	--	--	--	--	--
#1	5679	--	--	--	--	--	--
#2	5681	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 02:21:30 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 14:16:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02968	.00189	.00121	.00006	.00022	.03146	.00012
SDev	.00739	.00162	.00073	.00003	.00002	.00187	.00017
%RSD	24.911	85.666	60.698	61.563	9.0188	5.9505	139.90
#1	.03491	.00304	.00172	.00003	.00024	.03278	.00024
#2	.02445	.00075	.00069	.00008	.00021	.03013	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00068	.00045	.01657	.01769	.03188	.00012
SDev	.00042	.00019	.00027	.00260	.01679	.00804	.00006
%RSD	777.13	28.010	59.863	15.696	94.894	25.214	53.547
#1	-.00035	.00082	.00065	.01473	.02956	.03757	.00016
#2	.00024	.00055	.00026	.01841	.00582	.02620	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14634	-.00064	-.00015	.00107	.00066	-.00054	-.00276
SDev	.03318	.00000	.00080	.00035	.00003	.00002	.00188
%RSD	22.671	.00780	543.40	32.872	4.6318	3.2355	68.250
#1	.16980	-.00064	.00042	.00082	.00069	-.00053	-.00143
#2	.12288	-.00064	-.00071	.00132	.00064	-.00056	-.00409
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00440	-.00301	.00020	.00177	.00021	.00064	-.00164
SDev	.00162	.00078	.00008	.00461	.00057	.00015	.00042
%RSD	36.758	25.931	37.933	260.42	267.84	23.174	25.600
#1	.00554	-.00357	.00015	.00503	.00062	.00075	-.00193
#2	.00325	-.00246	.00025	-.00149	-.00019	.00054	-.00134
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00036	.00168
SDev	.00002	.00101
%RSD	5.9908	59.712
#1	-.00035	.00097
#2	-.00038	.00240
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5786	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0531582	--	--	--	--	--	--
#1	5789	--	--	--	--	--	--
#2	5784	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855264/FB Operator: TWS
Run Time: 09/29/08 14:21:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7732	.19874	.19369	.19479	.19339	9.8494	.19603
SDev	.0144	.00086	.00148	.00128	.00182	.0078	.00018
%RSD	.14769	.43291	.76209	.65743	.93995	.07925	.09214
#1	9.7630	.19935	.19265	.19388	.19211	9.8438	.19590
#2	9.7834	.19814	.19474	.19570	.19468	9.8549	.19615
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19592	.19589	.19212	9.7983	9.7701	9.7340	.19387
SDev	.00002	.00073	.00146	.0033	.1794	.0587	.00141
%RSD	.00824	.37162	.76046	.03401	1.8361	.60299	.72794
#1	.19593	.19537	.19109	9.8007	9.6433	9.6925	.19287
#2	.19591	.19640	.19315	9.7960	9.8970	9.7755	.19487
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7952	.19556	.19531	.19848	.19742	.19245	.19787
SDev	.1168	.00092	.00105	.00090	.00025	.00098	.00484
%RSD	1.1926	.47202	.53805	.45588	.12844	.51122	2.4447
#1	9.7126	.19491	.19457	.19912	.19760	.19314	.19445
#2	9.8778	.19621	.19605	.19784	.19724	.19175	.20129
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18831	.19452	.19458	.19700	.19453	.19705	.20161
SDev	.00015	.00140	.00079	.00062	.00033	.00075	.00179
%RSD	.08011	.71991	.40703	.31533	.16801	.38073	.88658
#1	.18842	.19551	.19402	.19656	.19430	.19652	.20034
#2	.18821	.19353	.19514	.19744	.19476	.19758	.20287
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05020	.19434
SDev	.00025	.00530
%RSD	.50553	2.7258
#1	.05038	.19060
#2	.05002	.19809
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5914	--	--	--	--	--	--
SDev	22.48586	--	--	--	--	--	--
%RSD	.3802108	--	--	--	--	--	--
#1	5930	--	--	--	--	--	--
#2	5898	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855253 Operator: TWS
Run Time: 09/29/08 14:26:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22058	.00210	.06311	.03747	-.00013	53.454	.00090
SDev	.00195	.00155	.00155	.00019	.00002	.138	.00004
%RSD	.88344	73.788	2.4576	.50316	19.125	.25789	4.7571
#1	.22196	.00319	.06202	.03734	-.00011	53.356	.00093
#2	.21920	.00100	.06421	.03760	-.00014	53.551	.00087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00596	.02032	.43298	3.8709	12.844	.04406
SDev	.00031	.00013	.00003	.00137	.0605	.104	.00030
%RSD	128.43	2.2445	.14296	.31585	1.5629	.80598	.67222
#1	.00047	.00586	.02034	.43202	3.8281	12.770	.04385
#2	.00002	.00605	.02030	.43395	3.9136	12.917	.04427
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.107	.00204	.01846	.01838	.01840	.00092	.00469
SDev	.385	.00028	.00038	.00209	.00127	.00352	.00397
%RSD	.87208	13.815	2.0563	11.379	6.8919	383.05	84.528
#1	43.835	.00224	.01819	.01986	.01930	.00341	.00189
#2	44.379	.00184	.01873	.01690	.01751	-.00157	.00750
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00547	-.00136	.00801	.00290	.00559	.18266	.01077
SDev	.00818	.00119	.00014	.00117	.00055	.00133	.00190
%RSD	149.65	87.418	1.7766	40.195	9.7720	.72596	17.635
#1	.01126	-.00052	.00791	.00373	.00598	.18173	.00943
#2	-.00032	-.00220	.00811	.00208	.00520	.18360	.01211
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	.01163
SDev	.00022	.00041
%RSD	277.99	3.5551
#1	.00008	.01192
#2	-.00024	.01133
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5849	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3191689	--	--	--	--	--	--
#1	5862	--	--	--	--	--	--
#2	5836	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855254 Operator: TWS
Run Time: 09/29/08 14:31:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12286	.00492	.49974	.05454	-.00019	48.146	.00029
SDev	.00017	.00041	.00217	.00008	.00000	.159	.00001
%RSD	.14148	8.2749	.43528	.14408	.11319	.32967	1.8117
#1	.12298	.00463	.49820	.05460	-.00019	48.034	.00028
#2	.12274	.00521	.50128	.05449	-.00019	48.258	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00070	.00165	.64825	7.3807	12.467	.16195
SDev	.00041	.00010	.00043	.00211	.0343	.005	.00030
%RSD	115.61	13.946	25.883	.32575	.46428	.03915	.18592
#1	.00065	.00077	.00195	.64975	7.4049	12.463	.16174
#2	.00007	.00063	.00135	.64676	7.3565	12.470	.16216
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.528	.00344	.00128	-.00028	.00024	-.00176	.00329
SDev	.063	.00068	.00150	.00307	.00155	.00116	.00042
%RSD	.21397	19.855	116.60	1088.0	645.83	66.041	12.691
#1	29.483	.00393	.00023	.00189	.00133	-.00094	.00358
#2	29.572	.00296	.00234	-.00245	-.00085	-.00258	.00299
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	-.00379	.00346	.00132	.00069	.00367	.00008
SDev	.00142	.00103	.00009	.00324	.00042	.00028	.00167
%RSD	61.044	27.161	2.4763	245.70	61.379	7.6641	2064.3
#1	.00332	-.00307	.00340	-.00097	.00099	.00347	-.00110
#2	.00132	-.00452	.00352	.00361	.00039	.00387	.00126
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	.00349
SDev	.00018	.00039
%RSD	89.526	11.271
#1	-.00008	.00321
#2	-.00034	.00377
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5859	--	--	--	--	--	--
SDev	19.30388	--	--	--	--	--	--
%RSD	.3294823	--	--	--	--	--	--
#1	5845	--	--	--	--	--	--
#2	5872	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855255 Operator: TWS
Run Time: 09/29/08 14:36:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2055	.00644	.13537	.11403	.00001	60.105	.00016
SDev	.0068	.00012	.00006	.00046	.00002	.241	.00010
%RSD	.30917	1.8410	.04740	.40602	484.04	.40130	60.127
#1	2.2103	.00636	.13541	.11436	.00002	60.276	.00009
#2	2.2007	.00653	.13532	.11370	-.00001	59.935	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00101	.00267	.00728	1.9279	6.0639	15.968	.09145
SDev	.00023	.00002	.00001	.0148	.0370	.110	.00062
%RSD	22.787	.80903	.13388	.76861	.61006	.68807	.68147
#1	.00117	.00268	.00728	1.9384	6.0901	16.046	.09189
#2	.00085	.00265	.00727	1.9174	6.0378	15.891	.09101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.063	.00582	.01271	.00984	.01079	-.00088	.02508
SDev	.052	.00103	.00196	.00085	.00009	.00006	.00075
%RSD	.30404	17.742	15.444	8.6362	.80617	6.2823	2.9928
#1	17.100	.00655	.01132	.01044	.01073	-.00084	.02561
#2	17.026	.00509	.01410	.00923	.01085	-.00092	.02455
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00615	-.00439	.06132	-.00053	.00500	.01227	.00002
SDev	.00240	.00112	.00286	.00208	.00042	.00013	.00103
%RSD	39.080	25.470	4.6580	392.43	8.4526	1.0763	4571.3
#1	.00785	-.00518	.06334	.00094	.00530	.01218	.00075
#2	.00445	-.00360	.05930	-.00200	.00470	.01237	-.00071
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00029	.02248
SDev	.00034	.00118
%RSD	119.63	5.2682
#1	-.00004	.02164
#2	-.00053	.02332
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5898	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1096933	--	--	--	--	--	--
#1	5894	--	--	--	--	--	--
#2	5903	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855256 Operator: TWS
Run Time: 09/29/08 14:41:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.0437	.01273	.07708	.10544	-.00020	25.694	.00007
SDev	.0277	.00065	.00131	.00019	.00000	.074	.00011
%RSD	.91134	5.1343	1.6983	.17907	2.2401	.28680	148.29
#1	3.0633	.01319	.07616	.10531	-.00020	25.642	-.00000
#2	3.0240	.01227	.07801	.10557	-.00019	25.746	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00145	.00368	.00619	3.1231	7.2669	10.198	.12606
SDev	.00063	.00006	.00016	.0154	.0165	.007	.00002
%RSD	43.192	1.7282	2.5754	.49149	.22773	.07095	.01546
#1	.00101	.00363	.00630	3.1340	7.2786	10.193	.12605
#2	.00189	.00372	.00608	3.1123	7.2552	10.203	.12608
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7297	.00646	.00209	.00444	.00366	.00139	.00143
SDev	.0758	.00007	.00373	.00056	.00086	.00231	.00412
%RSD	2.0336	1.0230	178.71	12.722	23.644	166.64	289.05
#1	3.7833	.00650	.00472	.00404	.00427	-.00025	.00434
#2	3.6761	.00641	-.00055	.00484	.00305	.00302	-.00149
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00198	.00109	.10005	.00140	.00744	.01183	-.00094
SDev	.00211	.00452	.00199	.00112	.00001	.00032	.00041
%RSD	106.46	413.75	1.9878	80.089	.18697	2.6637	43.469
#1	.00347	-.00211	.10145	.00220	.00744	.01160	-.00123
#2	.00049	.00429	.09864	.00061	.00745	.01205	-.00065
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00145	.00765
SDev	.00003	.00006
%RSD	2.1156	.75501
#1	-.00143	.00761
#2	-.00147	.00769
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5876	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1624703	--	--	--	--	--	--
#1	5882	--	--	--	--	--	--
#2	5869	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855257 Operator: TWS
Run Time: 09/29/08 14:46:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13295	.00380	2.3005	.99468	.00018	230.82	.00004
SDev	.00223	.00265	.0077	.00218	.00005	.77	.00022
%RSD	1.6796	69.868	.33403	.21890	28.609	.33166	554.24
#1	.13137	.00192	2.2950	.99314	.00014	230.28	-.00012
#2	.13452	.00568	2.3059	.99621	.00022	231.36	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00625	.00784	.00017	9.1388	101.16	91.248	1.1804
SDev	.00029	.00041	.00090	.0284	.01	.334	.0032
%RSD	4.6464	5.2581	518.56	.31042	.01368	.36565	.27170
#1	.00604	.00755	-.00046	9.1187	101.15	91.012	1.1782
#2	.00645	.00813	.00081	9.1588	101.17	91.484	1.1827
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H537.23	.03254	-.00084	.00164	.00081	.00130	-.00349
SDev	.71	.00006	.00018	.00058	.00045	.00198	.00194
%RSD	.13149	.19670	21.757	35.276	55.002	152.17	55.660
#1	H536.73	.03259	-.00097	.00123	.00050	-.00010	-.00212
#2	H537.73	.03250	-.00071	.00205	.00113	.00270	-.00486
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00594	-.00102	.00244	.00073	.00783	.00586	.00363
SDev	.00255	.00425	.00020	.00261	.00040	.00049	.00023
%RSD	43.010	416.01	8.3276	359.80	5.1665	8.3867	6.3385
#1	.00775	-.00402	.00258	-.00112	.00812	.00551	.00347
#2	.00413	.00198	.00229	.00257	.00755	.00621	.00379
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00016	.00140
SDev	.00021	.00265
%RSD	130.74	189.69
#1	-.00031	-.00048
#2	-.00001	.00327
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5602	--	--	--	--	--	--
SDev	23.97085	--	--	--	--	--	--
%RSD	.4278713	--	--	--	--	--	--
#1	5619	--	--	--	--	--	--
#2	5585	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855257/(1:5) Operator: TWS
Run Time: 09/29/08 14:53:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03248	.00353	.44955	.19771	.00009	46.667	.00010
SDev	.00078	.00076	.00057	.00015	.00001	.035	.00009
%RSD	2.4033	21.436	.12775	.07478	5.6368	.07561	95.619
#1	.03193	.00300	.44996	.19760	.00008	46.642	.00003
#2	.03303	.00407	.44915	.19781	.00009	46.692	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	.00206	.00039	1.8560	19.506	18.344	.24065
SDev	.00012	.00021	.00032	.0071	.073	.027	.00028
%RSD	9.8171	10.315	82.405	.38121	.37600	.14643	.11803
#1	.00131	.00221	.00062	1.8510	19.454	18.325	.24045
#2	.00114	.00191	.00016	1.8610	19.557	18.363	.24086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	117.70	.00680	.00147	.00053	.00084	.00195	-.00574
SDev	.06	.00004	.00102	.00376	.00217	.00248	.00224
%RSD	.04929	.53132	69.445	710.16	256.97	127.15	39.111
#1	117.74	.00677	.00220	-.00213	-.00069	.00371	-.00733
#2	117.66	.00682	.00075	.00319	.00238	.00020	-.00415
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00632	-.00023	.00044	-.00060	.00159	.00142	.00100
SDev	.00540	.00102	.00001	.00074	.00057	.00000	.00042
%RSD	85.534	444.04	2.4505	122.82	36.003	.06450	42.237
#1	.01014	.00049	.00043	-.00008	.00118	.00142	.00070
#2	.00250	-.00095	.00045	-.00113	.00199	.00142	.00130
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00002	.00069
SDev	.00040	.00055
%RSD	2108.8	79.798
#1	-.00026	.00030
#2	.00030	.00108
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5773	--	--	--	--	--	--
SDev	2.227317	--	--	--	--	--	--
%RSD	.0385818	--	--	--	--	--	--
#1	5771	--	--	--	--	--	--
#2	5775	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855258 Operator: TWS
Run Time: 09/29/08 14:58:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48366	.34273	3.6865	.05655	.00080	154.34	.00044
SDev	.00515	.00116	.0041	.00014	.00002	.09	.00008
%RSD	1.0648	.33885	.11192	.24932	2.5977	.05950	17.660
#1	.48002	.34355	3.6836	.05645	.00078	154.27	.00039
#2	.48730	.34190	3.6894	.05665	.00081	154.40	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03397	.04541	.04818	4.4344	187.49	159.32	1.4052
SDev	.00009	.00001	.00036	.0023	.09	.13	.0002
%RSD	.25035	.03002	.74574	.05087	.04633	.08457	.01472
#1	.03403	.04540	.04843	4.4360	187.55	159.23	1.4050
#2	.03391	.04542	.04793	4.4328	187.43	159.42	1.4053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1850.6	1.0025	.02454	.02204	.02287	.00839	.02049
SDev	1.8	.0009	.00327	.00011	.00116	.00108	.00097
%RSD	.09485	.09360	13.342	.48282	5.0765	12.802	4.7183
#1	H1849.3	1.0018	.02222	.02197	.02205	.00915	.02117
#2	H1851.8	1.0032	.02685	.02212	.02370	.00763	.01981
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01115	.00702	.02127	-.00345	.08422	1.3162	.01338
SDev	.00627	.00475	.00010	.00585	.00026	.0003	.00275
%RSD	56.209	67.617	.44487	169.59	.30718	.01944	20.552
#1	.00672	.01037	.02120	.00069	.08441	1.3164	.01533
#2	.01558	.00366	.02133	-.00758	.08404	1.3160	.01144
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00019	.31089
SDev	.00020	.00038
%RSD	101.86	.12360
#1	.00033	.31117
#2	.00005	.31062
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5167	--	--	--	--	--	--
SDev	23.33452	--	--	--	--	--	--
%RSD	.4515893	--	--	--	--	--	--
#1	5184	--	--	--	--	--	--
#2	5151	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855258/(1:20) Operator: TWS
Run Time: 09/29/08 15:04:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03384	.01622	.17739	.00269	-.00007	7.4508	.00004
SDev	.00246	.00162	.00071	.00004	.00004	.0084	.00004
%RSD	7.2686	9.9609	.39975	1.5487	65.673	.11308	87.342
#1	.03558	.01736	.17789	.00272	-.00004	7.4567	.00007
#2	.03210	.01508	.17689	.00266	-.00010	7.4448	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	.00259	.00238	.21575	7.0879	7.6088	.06718
SDev	.00011	.00014	.00007	.01534	.0302	.0153	.00013
%RSD	9.2300	5.5089	2.7791	7.1120	.42556	.20154	.18955
#1	.00125	.00269	.00234	.22660	7.0666	7.6197	.06727
#2	.00109	.00249	.00243	.20490	7.1092	7.5980	.06709
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	146.23	.04998	.00350	.00212	.00258	-.00082	-.00235
SDev	.30	.00010	.00077	.00038	.00000	.00111	.00144
%RSD	.20621	.19581	22.102	18.050	.06705	134.48	61.436
#1	146.02	.04991	.00404	.00185	.00258	-.00004	-.00133
#2	146.44	.05005	.00295	.00239	.00258	-.00161	-.00337
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00279	-.00263	.00079	-.00060	.00379	.06362	-.00046
SDev	.00657	.00163	.00003	.00214	.00015	.00091	.00022
%RSD	235.93	61.924	4.0242	355.77	4.0582	1.4284	46.954
#1	.00743	-.00378	.00076	.00091	.00390	.06427	-.00061
#2	-.00186	-.00148	.00081	-.00211	.00368	.06298	-.00031
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00059	.01363
SDev	.00027	.00073
%RSD	45.636	5.3277
#1	-.00040	.01415
#2	-.00078	.01312
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5721	--	--	--	--	--	--
SDev	13.47059	--	--	--	--	--	--
%RSD	.2354741	--	--	--	--	--	--
#1	5711	--	--	--	--	--	--
#2	5730	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855260/(1:5) Operator: TWS
Run Time: 09/29/08 15:09:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01934	.00237	.04589	.29001	-.00010	17.190	.00007
SDev	.00129	.00139	.00033	.00017	.00003	.001	.00011
%RSD	6.6784	58.508	.71209	.05935	29.831	.00374	170.31
#1	.02025	.00139	.04566	.29014	-.00012	17.189	.00015
#2	.01843	.00335	.04612	.28989	-.00008	17.190	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00129	.00748	.09861	4.8450	8.7778	.00610
SDev	.00003	.00043	.00070	.00025	.0255	.0103	.00021
%RSD	60.095	33.285	9.3365	.25372	.52621	.11707	3.3873
#1	.00008	.00099	.00699	.09843	4.8270	8.7705	.00595
#2	.00003	.00159	.00797	.09879	4.8630	8.7850	.00624
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	118.43	.00811	.00242	.00321	.00295	-.00375	.00009
SDev	.01	.00034	.00062	.00235	.00136	.00376	.00116
%RSD	.00862	4.2374	25.767	73.407	46.250	100.10	1279.2
#1	118.44	.00787	.00198	.00487	.00391	-.00641	-.00073
#2	118.43	.00835	.00287	.00154	.00198	-.00110	.00091
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.00602	.00046	.00038	.00113	.09756	-.00187
SDev	.00040	.00543	.00025	.00142	.00043	.00003	.00360
%RSD	51.345	90.287	54.424	370.06	38.446	.03186	192.98
#1	.00050	-.00986	.00028	-.00062	.00082	.09758	.00068
#2	.00106	-.00218	.00064	.00138	.00144	.09753	-.00442
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00040	.00355
SDev	.00002	.00006
%RSD	5.1491	1.6071
#1	-.00041	.00351
#2	-.00038	.00359
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5746	--	--	--	--	--	--
SDev	15.80391	--	--	--	--	--	--
%RSD	.2750287	--	--	--	--	--	--
#1	5757	--	--	--	--	--	--
#2	5735	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 03:22:49 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 15:17:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.153	.48946	.48860	.49217	.49324	25.059	.49509
SDev	.017	.00226	.00064	.00045	.00047	.038	.00115
%RSD	.06648	.46193	.13011	.09125	.09639	.15240	.23142
#1	25.165	.49106	.48905	.49249	.49358	25.086	.49590
#2	25.141	.48786	.48815	.49186	.49290	25.032	.49428
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49058	.51239	.48466	24.779	23.966	24.801	.49631
SDev	.00138	.00119	.00025	.055	.031	.025	.00072
%RSD	.28118	.23258	.05077	.22195	.12986	.10094	.14464
#1	.49156	.51323	.48483	24.817	23.988	24.818	.49682
#2	.48961	.51155	.48448	24.740	23.944	24.783	.49581
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.448	.50387	.49919	.50264	.50149	.49862	.51458
SDev	.195	.00130	.00202	.00047	.00099	.00090	.00241
%RSD	.79812	.25827	.40411	.09439	.19705	.18075	.46785
#1	24.586	.50479	.50062	.50298	.50219	.49926	.51288
#2	24.310	.50295	.49777	.50231	.50080	.49798	.51628
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49390	.50099	.51563	.50206	.49523	.50327	.51472
SDev	.00123	.00197	.00077	.00148	.00134	.00217	.00438
%RSD	.24890	.39253	.15015	.29519	.26953	.43124	.85143
#1	.49303	.50238	.51617	.50311	.49618	.50480	.51162
#2	.49477	.49960	.51508	.50102	.49429	.50173	.51781
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50316	.49182
SDev	.00037	.00155
%RSD	.07288	.31456
#1	.50342	.49073
#2	.50290	.49292
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5696	--	--	--	--	--	--
SDev	1.272999	--	--	--	--	--	--
%RSD	.0223480	--	--	--	--	--	--
#1	5697	--	--	--	--	--	--
#2	5695	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 03:27:52 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 15:22:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03289	.00348	.00065	.00013	.00017	.03807	.00038
SDev	.00103	.00112	.00062	.00000	.00004	.00407	.00012
%RSD	3.1191	32.097	95.398	.27882	25.174	10.703	31.547
#1	.03362	.00428	.00109	.00013	.00014	.03519	.00029
#2	.03216	.00269	.00021	.00013	.00020	.04095	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00020	.00074	.02221	.03560	.03049	.00025
SDev	.00064	.00012	.00005	.00175	.00585	.00838	.00013
%RSD	572.47	58.970	6.5496	7.8910	16.441	27.479	49.679
#1	.00056	.00028	.00070	.02345	.03974	.02457	.00016
#2	-.00034	.00012	.00077	.02097	.03147	.03642	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22745	.00013	.00325	.00074	.00157	.00044	-.00093
SDev	.06100	.00027	.00166	.00259	.00117	.00088	.00096
%RSD	26.821	211.52	51.119	350.89	74.627	201.30	103.58
#1	.18431	.00032	.00207	.00257	.00240	.00106	-.00025
#2	.27059	-.00006	.00442	-.00109	.00074	-.00018	-.00161
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00298	-.00084	.00011	.00344	.00052	.00034	-.00106
SDev	.00072	.00096	.00018	.00211	.00072	.00030	.00212
%RSD	24.103	114.18	174.55	61.388	138.31	90.134	198.98
#1	.00349	-.00016	.00024	.00493	.00103	.00055	.00043
#2	.00247	-.00151	-.00002	.00195	.00001	.00012	-.00256
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00010	.00082
SDev	.00028	.00069
%RSD	286.30	84.026
#1	.00010	.00131
#2	-.00030	.00033
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5736	--	--	--	--	--	--
SDev	5.515295	--	--	--	--	--	--
%RSD	.0961548	--	--	--	--	--	--
#1	5732	--	--	--	--	--	--
#2	5740	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855459/PB Operator: TWS
Run Time: 09/29/08 15:34:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00299	.00114	-.00006	-.00013	.02885	.00002
SDev	.00659	.00139	.00003	.00008	.00003	.00074	.00001
%RSD	1557.2	46.581	2.3960	147.32	23.010	2.5723	66.997
#1	-.00423	.00397	.00112	-.00012	-.00015	.02937	.00001
#2	.00508	.00200	.00116	.00000	-.00011	.02832	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00008	.00064	.00140	.02207	-.00010	.00011
SDev	.00052	.00019	.00010	.00677	.01129	.00480	.00006
%RSD	262.11	239.15	15.026	484.25	51.151	4670.8	55.878
#1	-.00017	-.00005	.00058	-.00339	.01409	-.00350	.00007
#2	.00056	.00021	.00071	.00619	.03005	.00329	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11192	-.00037	.00319	-.00041	.00078	.00038	.00122
SDev	.16688	.00021	.00111	.00127	.00048	.00018	.00073
%RSD	149.10	55.231	34.941	306.39	60.738	47.289	59.944
#1	-.00608	-.00052	.00240	.00048	.00112	.00025	.00070
#2	.22993	-.00023	.00397	-.00131	.00045	.00051	.00173
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	-.00184	-.00029	.00061	-.00009	.00207	-.00157
SDev	.00024	.00039	.00002	.00048	.00042	.00015	.00124
%RSD	5.0514	21.286	7.4778	79.227	451.94	7.1270	78.627
#1	.00501	-.00212	-.00030	.00095	-.00039	.00218	-.00245
#2	.00466	-.00157	-.00027	.00027	.00020	.00197	-.00070
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00036	-.00013
SDev	.00019	.00036
%RSD	51.956	274.46
#1	-.00049	-.00038
#2	-.00023	.00012
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5900	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0305613	--	--	--	--	--	--
#1	5898	--	--	--	--	--	--
#2	5901	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855458/LCS Operator: TWS
Run Time: 09/29/08 15:39:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02797	1.0088	.10625	1.0167	.96269	.68829	1.0222
SDev	.00360	.0027	.00053	.0024	.00167	.00038	.0006
%RSD	12.874	.27027	.49887	.23361	.17325	.05502	.05735
#1	.02542	1.0107	.10588	1.0150	.96151	.68856	1.0226
#2	.03051	1.0068	.10663	1.0184	.96387	.68802	1.0218
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95334	.99776	1.0137	.09734	1.1577	.16231	.99460
SDev	.00140	.00149	.0017	.00295	.0062	.00075	.00148
%RSD	.14734	.14951	.16744	3.0338	.53590	.46331	.14846
#1	.95234	.99670	1.0125	.09525	1.1621	.16177	.99356
#2	.95433	.99881	1.0149	.09943	1.1533	.16284	.99564
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1209.9	1.0069	.94846	.96241	.95777	1.0365	.94200
SDev	1.6	.0002	.00347	.00345	.00346	.0033	.00513
%RSD	.13368	.02156	.36577	.35879	.36109	.31742	.54486
#1	1208.8	1.0068	.94601	.95997	.95532	1.0342	.93837
#2	1211.1	1.0071	.95092	.96485	.96021	1.0388	.94563
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0165	1.0465	-.00031	1.0147	1.0117	1.0456	.00132
SDev	.0005	.0047	.00021	.0065	.0004	.0012	.00177
%RSD	.04809	.44822	66.028	.63844	.03782	.11625	134.30
#1	1.0162	1.0432	-.00017	1.0102	1.0114	1.0465	.00007
#2	1.0169	1.0498	-.00046	1.0193	1.0120	1.0448	.00256
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99930	.97586
SDev	.00284	.00866
%RSD	.28455	.88742
#1	.99729	.96974
#2	1.0013	.98198
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5516	--	--	--	--	--	--
SDev	13.47059	--	--	--	--	--	--
%RSD	.2442083	--	--	--	--	--	--
#1	5526	--	--	--	--	--	--
#2	5506	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855457/EBLK Operator: TWS
Run Time: 09/29/08 15:44:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02582	.00305	H.10455	H.03036	.00024	H.68122	-.00001
SDev	.00143	.00048	.00221	.00010	.00005	.00091	.00008
%RSD	5.5343	15.798	2.1140	.31159	18.897	.13350	983.34
#1	.02481	.00270	H.10611	H.03030	.00021	H.68186	-.00006
#2	.02683	.00339	H.10298	H.03043	.00027	H.68058	.00005
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00184	.00177	.02291	H1.1569	.16775	.00111
SDev	.00049	.00018	.00034	.00544	.0148	.00146	.00000
%RSD	192.51	10.074	19.447	23.753	1.2832	.87046	.14387
#1	-.00009	.00170	.00152	.02676	H1.1464	.16671	.00111
#2	.00060	.00197	.00201	.01906	H1.1674	.16878	.00111
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1213.9	.00089	.00047	-.00003	.00013	.00105	-.00256
SDev	.3	.00024	.00159	.00011	.00060	.00311	.00556
%RSD	.02402	27.137	341.40	312.65	455.76	295.33	217.02
#1	H1213.7	.00072	-.00066	-.00011	-.00029	-.00115	-.00649
#2	H1214.1	.00106	.00159	.00004	.00056	.00326	.00137
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.00083	.00040	.00050	.00045	H.02202	.00050
SDev	.00091	.00422	.00008	.00004	.00060	.00003	.00089
%RSD	60.752	506.46	19.785	8.6403	134.66	.13548	179.11
#1	.00085	-.00215	.00035	.00053	.00002	H.02200	-.00013
#2	.00214	.00381	.00046	.00047	.00087	H.02204	.00112
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00010	.00176
SDev	.00011	.00005
%RSD	110.24	2.8844
#1	-.00018	.00173
#2	-.00002	.00180
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5493	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1312986	--	--	--	--	--	--
#1	5498	--	--	--	--	--	--
#2	5488	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855454 Operator: TWS
Run Time: 09/29/08 15:49:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39727	.00472	.68171	.95044	.00100	281.44	.00155
SDev	.00601	.00025	.00260	.00076	.00002	.31	.00016
%RSD	1.5123	5.2856	.38166	.07941	1.7261	.11037	10.412
#1	.40152	.00455	.68355	.95098	.00099	281.66	.00143
#2	.39303	.00490	.67987	.94991	.00101	281.22	.00166
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02789	.00418	.00753	3.2633	9.4127	21.611	6.3297
SDev	.00007	.00061	.00025	.0035	.0501	.006	.0044
%RSD	.26359	14.674	3.3278	.10761	.53174	.02866	.07002
#1	.02784	.00375	.00735	3.2608	9.3773	21.615	6.3265
#2	.02794	.00462	.00771	3.2658	9.4481	21.607	6.3328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1252.7	.02951	.01190	.00980	.01050	.00362	.00043
SDev	.6	.00017	.00356	.00235	.00038	.00093	.00286
%RSD	.04605	.58073	29.907	23.962	3.6307	25.697	670.19
#1	H1253.1	.02939	.00938	.01146	.01077	.00427	-.00160
#2	H1252.3	.02963	.01441	.00814	.01023	.00296	.00245
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01341	-.00128	.00146	.00012	.00007	.06747	.00124
SDev	.00000	.00139	.00015	.00197	.00047	.00018	.00161
%RSD	.00496	109.14	10.279	1699.8	711.29	.27118	129.66
#1	.01341	-.00029	.00136	.00151	-.00026	.06734	.00237
#2	.01340	-.00226	.00157	-.00128	.00039	.06760	.00010
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00041	.00120
SDev	.00066	.00094
%RSD	162.65	78.329
#1	.00006	.00054
#2	-.00088	.00187
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5321	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.2093123	--	--	--	--	--	--
#1	5313	--	--	--	--	--	--
#2	5329	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855454/L (1:5) Operator: TWS
Run Time: 09/29/08 15:54:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08721	.00119	.13216	.18541	.00035	55.683	.00034
SDev	.00068	.00203	.00095	.00086	.00003	.214	.00031
%RSD	.77397	170.54	.71970	.46143	7.5200	.38420	90.619
#1	.08673	.00263	.13283	.18601	.00037	55.835	.00056
#2	.08768	-.00025	.13149	.18480	.00033	55.532	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00583	.00116	.00162	.65847	1.4096	4.3404	1.2740
SDev	.00017	.00004	.00011	.00300	.0096	.0191	.0060
%RSD	2.9291	3.1304	6.5926	.45576	.68259	.43907	.46832
#1	.00571	.00114	.00170	.65635	1.4164	4.3539	1.2782
#2	.00595	.00119	.00154	.66059	1.4028	4.3269	1.2698
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	322.13	.00588	.00405	.00389	.00394	-.00017	-.00200
SDev	.58	.00015	.00192	.00082	.00118	.00164	.00236
%RSD	.18051	2.4672	47.330	20.999	30.002	949.56	118.05
#1	322.54	.00599	.00269	.00331	.00310	.00099	-.00033
#2	321.72	.00578	.00540	.00447	.00478	-.00134	-.00367
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00031	.00007	.00030	-.00000	.01385	-.00085
SDev	.00543	.00025	.00012	.00148	.00029	.00012	.00299
%RSD	5307.3	80.819	170.81	494.78	186600.	.87919	351.61
#1	.00394	-.00049	-.00001	.00134	-.00020	.01377	.00127
#2	-.00374	-.00013	.00016	-.00075	.00020	.01394	-.00297
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.00075
SDev	.00044	.00154
%RSD	345.19	204.13
#1	-.00043	.00184
#2	.00018	-.00033
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5674	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.2149914	--	--	--	--	--	--
#1	5665	--	--	--	--	--	--
#2	5682	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855454/PS Operator: TWS
Run Time: 09/29/08 15:59:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40102	1.0607	.67900	1.9669	1.0010	281.60	1.0368
SDev	.00207	.0041	.00172	.0024	.0009	.16	.0010
%RSD	.51555	.38664	.25325	.12376	.09261	.05786	.10020
#1	.40248	1.0578	.67778	1.9652	1.0004	281.49	1.0376
#2	.39955	1.0636	.68021	1.9686	1.0017	281.72	1.0361
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0019	1.0368	1.0177	3.3641	9.3203	21.543	7.2870
SDev	.0022	.0003	.0003	.0242	.0137	.031	.0063
%RSD	.21960	.02621	.02579	.71871	.14724	.14305	.08699
#1	1.0003	1.0366	1.0175	3.3470	9.3106	21.521	7.2825
#2	1.0034	1.0370	1.0179	3.3812	9.3300	21.565	7.2915
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1241.0	1.0465	1.0267	1.0397	1.0354	1.0725	1.0843
SDev	1.0	.0011	.0003	.0026	.0017	.0071	.0011
%RSD	.08095	.10695	.02462	.25017	.15943	.66575	.09865
#1	H1240.3	1.0458	1.0268	1.0379	1.0342	1.0675	1.0835
#2	H1241.7	1.0473	1.0265	1.0416	1.0365	1.0776	1.0851
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0500	1.0838	.00165	1.0536	1.0528	1.1039	.00224
SDev	.0115	.0050	.00004	.0040	.0011	.0012	.00045
%RSD	1.0968	.45691	2.2935	.37640	.10643	.10581	19.957
#1	1.0419	1.0803	.00163	1.0508	1.0520	1.1031	.00255
#2	1.0582	1.0873	.00168	1.0564	1.0536	1.1048	.00192
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0937	1.0306
SDev	.0017	.0076
%RSD	.15924	.73760
#1	1.0925	1.0252
#2	1.0950	1.0360
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5373	--	--	--	--	--	--
SDev	10.39461	--	--	--	--	--	--
%RSD	.1934708	--	--	--	--	--	--
#1	5380	--	--	--	--	--	--
#2	5365	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855455/MS Operator: TWS
Run Time: 09/29/08 16:04:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38451	1.0095	.68113	1.9429	.96589	279.52	.99330
SDev	.00703	.0027	.00459	.0181	.01503	.51	.00087
%RSD	1.8294	.26792	.67434	.93095	1.5557	.18152	.08794
#1	.38948	1.0076	.67788	1.9301	.95526	279.17	.99268
#2	.37953	1.0114	.68438	1.9557	.97651	279.88	.99392
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96343	.99570	1.0379	3.3326	9.5342	21.575	7.2649
SDev	.00602	.00379	.0072	.0169	.2575	.273	.0915
%RSD	.62492	.38060	.69175	.50610	2.7007	1.2655	1.2588
#1	.95917	.99302	1.0328	3.3207	9.3521	21.382	7.2002
#2	.96769	.99838	1.0430	3.3446	9.7163	21.768	7.3296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1248.9	1.0106	.95040	.96349	.95913	1.0348	.95131
SDev	4.5	.0037	.00525	.00453	.00477	.0017	.00274
%RSD	.35726	.36512	.55210	.47001	.49710	.16091	.28830
#1	H1245.8	1.0080	.94669	.96029	.95576	1.0336	.94937
#2	H1252.1	1.0132	.95411	.96669	.96250	1.0360	.95325
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0102	1.0471	.00156	.98781	1.0124	1.0680	.00109
SDev	.0054	.0002	.00038	.00221	.0015	.0102	.00022
%RSD	.53253	.01833	24.458	.22357	.14471	.95926	19.999
#1	1.0064	1.0473	.00129	.98937	1.0114	1.0607	.00124
#2	1.0140	1.0470	.00183	.98624	1.0135	1.0752	.00093
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0352	.98181
SDev	.0045	.01564
%RSD	.43706	1.5927
#1	1.0320	.97076
#2	1.0384	.99287
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5389	--	--	--	--	--	--
SDev	36.27444	--	--	--	--	--	--
%RSD	.6731138	--	--	--	--	--	--
#1	5415	--	--	--	--	--	--
#2	5363	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855456/SD Operator: TWS
Run Time: 09/29/08 16:15:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39353	1.0317	.69362	1.9859	.98475	285.25	1.0099
SDev	.00249	.0019	.00198	.0012	.00091	.80	.0020
%RSD	.63391	.18431	.28499	.05983	.09252	.28142	.19802
#1	.39530	1.0330	.69502	1.9868	.98410	285.82	1.0114
#2	.39177	1.0304	.69222	1.9851	.98539	284.69	1.0085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98310	1.0164	1.0651	3.4017	9.6483	21.968	7.3916
SDev	.00144	.0023	.0009	.0179	.0705	.007	.0046
%RSD	.14660	.22768	.08748	.52547	.73031	.03339	.06241
#1	.98412	1.0181	1.0645	3.4144	9.5985	21.973	7.3883
#2	.98208	1.0148	1.0658	3.3891	9.6981	21.963	7.3948
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1268.9	1.0285	.96359	.98355	.97691	1.0558	.96349
SDev	.2	.0027	.00703	.00432	.00054	.0001	.00461
%RSD	.01842	.26557	.72918	.43894	.05526	.01185	.47867
#1	H1268.7	1.0305	.95862	.98661	.97729	1.0559	.96675
#2	H1269.1	1.0266	.96856	.98050	.97652	1.0557	.96023
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0289	1.0693	.00162	1.0002	1.0364	1.0871	.00378
SDev	.0055	.0029	.00024	.0027	.0035	.0019	.00090
%RSD	.53112	.27310	15.022	.27246	.34060	.17802	23.907
#1	1.0251	1.0713	.00179	1.0022	1.0389	1.0884	.00441
#2	1.0328	1.0672	.00145	.99831	1.0339	1.0857	.00314
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0635	1.0015
SDev	.0011	.0069
%RSD	.10216	.69161
#1	1.0642	.99658
#2	1.0627	1.0064
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5353	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.1050189	--	--	--	--	--	--
#1	5357	--	--	--	--	--	--
#2	5349	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855453/PB Operator: TWS
Run Time: 09/29/08 16:23:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00132	.00136	.00135	.00017	-.00013	.04909	.00008
SDev	.00205	.00061	.00100	.00007	.00005	.00574	.00001
%RSD	155.17	45.178	74.455	40.152	41.778	11.690	9.9336
#1	.00277	.00179	.00205	.00021	-.00009	.05314	.00007
#2	-.00013	.00093	.00064	.00012	-.00017	.04503	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00050	.00054	.00559	.02001	-.00151	.00075
SDev	.00012	.00052	.00026	.01090	.00821	.00529	.00012
%RSD	173.71	104.87	48.770	195.04	41.032	351.47	16.057
#1	-.00002	.00087	.00072	.01329	.02581	.00224	.00084
#2	.00015	.00013	.00035	-.00212	.01420	-.00525	.00067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31180	.00029	.00006	.00043	.00031	.00228	-.00239
SDev	.05573	.00048	.00138	.00071	.00093	.00036	.00183
%RSD	17.872	167.21	2159.8	164.81	302.84	15.806	76.644
#1	.35121	-.00005	.00104	.00093	.00097	.00203	-.00110
#2	.27240	.00063	-.00092	-.00007	-.00035	.00254	-.00369
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00567	.00059	.00028	-.00063	.00069	.00214	-.00226
SDev	.00304	.00206	.00051	.00114	.00041	.00087	.00061
%RSD	53.697	349.04	186.01	182.18	59.991	40.512	26.850
#1	.00782	-.00087	.00064	.00018	.00098	.00276	-.00269
#2	.00352	.00205	-.00009	-.00144	.00040	.00153	-.00183
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00140
SDev	.00041	.00022
%RSD	236.61	15.662
#1	.00046	.00156
#2	-.00012	.00125
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5962	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1209756	--	--	--	--	--	--
#1	5967	--	--	--	--	--	--
#2	5957	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855452/LCS Operator: TWS
Run Time: 09/29/08 16:28:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02961	1.0071	.09218	1.0080	.96396	.80120	1.0155
SDev	.00136	.0029	.00056	.0012	.00470	.00108	.0022
%RSD	4.6003	.29076	.61077	.12361	.48803	.13506	.21426
#1	.03057	1.0091	.09258	1.0089	.96729	.80196	1.0171
#2	.02865	1.0050	.09178	1.0071	.96063	.80043	1.0140
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95081	.99522	1.0151	.09731	1.1708	.17648	.99351
SDev	.00149	.00144	.0026	.00168	.0072	.00518	.00427
%RSD	.15698	.14494	.25279	1.7216	.61323	2.9367	.42980
#1	.95187	.99624	1.0169	.09612	1.1758	.17281	.99653
#2	.94976	.99420	1.0133	.09849	1.1657	.18014	.99049
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1134.2	1.0016	.94769	.96287	.95781	1.0246	.93838
SDev	.6	.0002	.00741	.00161	.00354	.0112	.00418
%RSD	.05401	.01655	.78211	.16721	.36981	1.0910	.44514
#1	1134.6	1.0017	.95293	.96400	.96032	1.0325	.94133
#2	1133.7	1.0015	.94245	.96173	.95531	1.0167	.93542
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0034	1.0352	.00003	.99656	1.0074	1.0430	.00015
SDev	.0082	.0127	.00024	.00808	.0006	.0015	.00244
%RSD	.81796	1.2234	727.13	.81119	.06198	.14706	1606.2
#1	1.0092	1.0442	.00020	.99084	1.0069	1.0441	.00188
#2	.99758	1.0263	-.00014	1.0023	1.0078	1.0419	-.00157
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99724	.98156
SDev	.00162	.00270
%RSD	.16211	.27470
#1	.99838	.98347
#2	.99610	.97965
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5484	--	--	--	--	--	--
SDev	8.060948	--	--	--	--	--	--
%RSD	.1469863	--	--	--	--	--	--
#1	5478	--	--	--	--	--	--
#2	5490	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 16:36:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.190	.48457	.48437	.49515	.49207	24.862	.48754
SDev	.030	.00229	.00058	.00071	.00029	.019	.00107
%RSD	.12000	.47348	.11923	.14288	.05976	.07790	.21988
#1	25.169	.48619	.48478	.49465	.49228	24.876	.48830
#2	25.211	.48295	.48396	.49565	.49186	24.849	.48678
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48777	.50971	.48648	24.601	23.962	24.801	.49402
SDev	.00051	.00021	.00014	.009	.033	.015	.00001
%RSD	.10361	.04133	.02920	.03542	.13783	.06012	.00217
#1	.48812	.50957	.48638	24.607	23.938	24.811	.49403
#2	.48741	.50986	.48658	24.595	23.985	24.790	.49401
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.617	.49918	.49326	.49984	.49765	.49526	.50935
SDev	.025	.00157	.00065	.00221	.00169	.00283	.00797
%RSD	.10238	.31369	.13218	.44324	.34057	.57213	1.5656
#1	24.635	.50028	.49372	.50140	.49884	.49727	.50371
#2	24.599	.49807	.49280	.49827	.49645	.49326	.51499
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48418	.50081	.51370	.49711	.49285	.49799	.50972
SDev	.00091	.00380	.00033	.00130	.00030	.00260	.00007
%RSD	.18761	.75801	.06487	.26202	.06095	.52156	.01414
#1	.48482	.50350	.51393	.49803	.49264	.49983	.50967
#2	.48353	.49813	.51346	.49619	.49306	.49616	.50978
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50462	.48918
SDev	.00039	.00047
%RSD	.07758	.09623
#1	.50489	.48885
#2	.50434	.48952
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5642	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0281982	--	--	--	--	--	--
#1	5641	--	--	--	--	--	--
#2	5643	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 04:48:55 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 16:43:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01493	.00059	.00066	.00007	.00019	.01781	.00016
SDev	.00571	.00001	.00076	.00005	.00004	.00068	.00017
%RSD	38.247	1.9661	115.58	72.989	19.170	3.8126	105.86
#1	.01089	.00059	.00012	.00003	.00022	.01829	.00004
#2	.01897	.00058	.00120	.00011	.00017	.01733	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00046	.00080	.01356	.03199	.01705	.00005
SDev	.00017	.00017	.00030	.01042	.00150	.00006	.00009
%RSD	89.533	37.768	37.687	76.852	4.6920	.32034	183.37
#1	.00030	.00033	.00101	.00619	.03093	.01709	-.00002
#2	.00007	.00058	.00059	.02092	.03305	.01701	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20315	.00010	.00177	-.00121	-.00022	-.00064	-.00113
SDev	.00601	.00034	.00055	.00082	.00037	.00110	.00179
%RSD	2.9604	331.14	31.108	67.966	168.04	169.90	158.45
#1	.20740	.00035	.00138	-.00063	.00004	.00013	.00014
#2	.19890	-.00014	.00216	-.00179	-.00048	-.00142	-.00239
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00414	-.00304	.00016	.00152	.00021	.00076	-.00076
SDev	.00192	.00068	.00000	.00153	.00028	.00000	.00084
%RSD	46.348	22.521	.03699	100.31	132.87	.20842	110.96
#1	.00549	-.00255	.00016	.00260	.00001	.00076	-.00016
#2	.00278	-.00352	.00016	.00044	.00042	.00076	-.00135
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00004	.00059
SDev	.00046	.00175
%RSD	1250.8	294.16
#1	-.00029	.00183
#2	.00036	-.00064
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5750	--	--	--	--	--	--
SDev	8.591623	--	--	--	--	--	--
%RSD	.1494306	--	--	--	--	--	--
#1	5744	--	--	--	--	--	--
#2	5756	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855451/EBLK Operator: TWS
Run Time: 09/29/08 16:48:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03191	-.00040	H.09376	H.01727	.00029	H.78249	.00023
SDev	.00067	.00048	.00054	.00013	.00002	.00172	.00005
%RSD	2.1056	120.35	.57149	.72932	5.8417	.22035	21.622
#1	.03143	-.00074	H.09414	H.01736	.00030	H.78127	.00019
#2	.03238	-.00006	H.09339	H.01718	.00028	H.78371	.00026
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	H.01313	.00229	H.06577	H1.1442	.16540	.00253
SDev	.00002	.00063	.00015	.00374	.0135	.00235	.00000
%RSD	33.887	4.7719	6.7069	5.6786	1.1767	1.4231	.12796
#1	.00006	H.01268	.00240	H.06313	H1.1537	.16373	.00253
#2	.00004	H.01357	.00218	H.06841	H1.1346	.16706	.00254
Errors	LC Pass	LC High	LC Pass	LC High	LC High	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1141.7	H.01210	.00535	.00215	.00321	.00079	-.00125
SDev	.3	.00063	.00153	.00064	.00009	.00466	.00330
%RSD	.02696	5.2414	28.690	29.602	2.7254	588.95	263.79
#1	H1141.5	H.01255	.00644	.00170	.00328	.00409	-.00358
#2	H1141.9	H.01166	.00427	.00259	.00315	-.00250	.00108
Errors	LC High	LC High	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00498	-.00130	-.00005	-.00350	-.00009	H.01612	-.00211
SDev	.00764	.00317	.00031	.00307	.00045	.00062	.00044
%RSD	153.41	242.75	621.84	87.933	529.67	3.8206	21.090
#1	.01039	.00093	-.00027	-.00567	.00024	H.01655	-.00242
#2	-.00042	-.00354	.00017	-.00132	-.00041	H.01568	-.00179
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	.00085
SDev	.00029	.00029
%RSD	2506.1	34.180
#1	-.00020	.00065
#2	.00022	.00106
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5455	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.1147140	--	--	--	--	--	--
#1	5460	--	--	--	--	--	--
#2	5451	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855430 Operator: TWS
Run Time: 09/29/08 16:54:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07117	.00323	.19490	.94372	.00082	621.91	.00130
SDev	.00146	.00147	.00036	.00020	.00005	1.07	.00018
%RSD	2.0455	45.562	.18500	.02155	6.2289	.17126	13.768
#1	.07014	.00427	.19465	.94387	.00086	622.66	.00143
#2	.07220	.00219	.19516	.94358	.00078	621.15	.00118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01268	.00076	.00360	.11436	5.6459	32.929	3.8228
SDev	.00033	.00017	.00007	.01111	.0240	.108	.0120
%RSD	2.6087	21.902	1.8941	9.7117	.42596	.32691	.31490
#1	.01291	.00064	.00365	.10651	5.6630	33.005	3.8313
#2	.01245	.00088	.00355	.12221	5.6289	32.853	3.8143
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1146.6	.01520	.03414	.03814	.03681	.00201	.00008
SDev	.6	.00028	.00222	.00014	.00084	.00052	.00299
%RSD	.05578	1.8125	6.5040	.37632	2.2690	26.045	3550.0
#1	H1147.1	.01501	.03257	.03804	.03622	.00238	.00220
#2	H1146.2	.01540	.03571	.03824	.03740	.00164	-.00203
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00583	.00010	.00134	.00073	.00069	.03014	.00208
SDev	.00198	.00021	.00009	.00633	.00031	.00107	.00232
%RSD	33.997	217.42	6.8786	864.83	44.883	3.5462	111.43
#1	.00723	-.00005	.00128	-.00375	.00047	.02938	.00372
#2	.00443	.00024	.00141	.00521	.00091	.03089	.00044
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00025	.00062
SDev	.00017	.00010
%RSD	68.826	16.632
#1	-.00013	.00069
#2	-.00037	.00055
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5258	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.2743213	--	--	--	--	--	--
#1	5248	--	--	--	--	--	--
#2	5269	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855431 Operator: TWS
Run Time: 09/29/08 16:59:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2133	.00615	.30094	.35540	.00043	11.967	.00030
SDev	.0154	.00014	.00032	.00009	.00001	.024	.00016
%RSD	.69741	2.2314	.10783	.02444	1.0689	.20013	53.657
#1	2.2242	.00625	.30071	.35534	.00043	11.984	.00018
#2	2.2024	.00605	.30117	.35546	.00042	11.950	.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00492	.00376	.06322	4.4394	8.5602	2.0193	.51934
SDev	.00021	.00028	.00008	.0199	.0818	.0020	.00053
%RSD	4.3299	7.3075	.11964	.44731	.95538	.09962	.10123
#1	.00477	.00357	.06317	4.4534	8.5024	2.0179	.51897
#2	.00507	.00396	.06328	4.4254	8.6181	2.0208	.51971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1244.2	.00806	.01105	.01217	.01180	.00230	-.00148
SDev	2.1	.00044	.00125	.00101	.00026	.00291	.00343
%RSD	.16516	5.4691	11.297	8.3238	2.2067	126.55	230.68
#1	H1242.8	.00775	.01193	.01146	.01161	.00024	.00094
#2	H1245.7	.00838	.01016	.01289	.01198	.00436	-.00391
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00608	.00041	.05545	-.00437	.00359	.03622	.00291
SDev	.00507	.00183	.00196	.00398	.00030	.00006	.00068
%RSD	83.401	449.58	3.5351	91.198	8.4034	.16249	23.197
#1	.00250	-.00089	.05407	-.00155	.00380	.03618	.00339
#2	.00967	.00170	.05684	-.00719	.00338	.03627	.00243
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00079	.00127
SDev	.00011	.00068
%RSD	14.163	54.048
#1	-.00071	.00175
#2	-.00087	.00078
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5380	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1596855	--	--	--	--	--	--
#1	5386	--	--	--	--	--	--
#2	5374	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855432 Operator: TWS
Run Time: 09/29/08 17:04:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.6998	.00139	.15448	.31425	.00071	16.792	.00031
SDev	.0193	.00055	.00072	.00111	.00001	.032	.00015
%RSD	.71640	39.366	.46297	.35180	1.2171	.19288	47.273
#1	2.6861	.00178	.15499	.31347	.00072	16.769	.00042
#2	2.7134	.00100	.15397	.31503	.00071	16.815	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00516	.00633	.02625	5.4748	2.9551	1.4815	.21610
SDev	.00020	.00053	.00045	.0228	.0120	.0024	.00083
%RSD	3.9696	8.3689	1.6984	.41579	.40713	.16301	.38208
#1	.00530	.00670	.02657	5.4587	2.9466	1.4798	.21552
#2	.00501	.00595	.02593	5.4909	2.9636	1.4832	.21669
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1259.8	.00851	.00232	.00392	.00339	.00205	-.00024
SDev	2.0	.00006	.00497	.00084	.00110	.00028	.00008
%RSD	.16112	.71475	214.04	21.373	32.343	13.592	34.129
#1	H1258.4	.00855	.00584	.00333	.00416	.00224	-.00018
#2	H1261.2	.00846	-.00119	.00451	.00261	.00185	-.00030
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00942	-.00164	.05584	-.00113	.00361	.06651	.00296
SDev	.00351	.00134	.00209	.00124	.00015	.00016	.00357
%RSD	37.236	81.471	3.7342	109.76	4.2182	.23744	120.41
#1	.01190	-.00259	.05731	-.00025	.00372	.06639	.00548
#2	.00694	-.00070	.05436	-.00200	.00350	.06662	.00044
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00027	.00001
SDev	.00022	.00193
%RSD	81.536	29400.
#1	.00011	.00137
#2	.00042	-.00136
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5464	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0019399	--	--	--	--	--	--
#1	5464	--	--	--	--	--	--
#2	5464	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855433 Operator: TWS
Run Time: 09/29/08 17:09:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.0100	.00421	.25625	1.1529	.00154	110.76	.00113
SDev	.0034	.00116	.00187	.0023	.00004	.20	.00009
%RSD	.11214	27.446	.72992	.20361	2.5267	.17897	7.6173
#1	3.0124	.00503	.25758	1.1513	.00156	110.90	.00119
#2	3.0076	.00340	.25493	1.1546	.00151	110.62	.00107
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05252	.00603	.00759	33.031	4.7587	21.418	3.0900
SDev	.00006	.00058	.00045	.053	.0237	.003	.0024
%RSD	.11578	9.5638	5.9500	.15907	.49823	.01411	.07612
#1	.05257	.00644	.00791	33.068	4.7419	21.421	3.0883
#2	.05248	.00562	.00727	32.994	4.7755	21.416	3.0916
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1274.1	.07628	.02059	.01838	.01911	.00491	-.00038
SDev	3.4	.00047	.00087	.00042	.00001	.00040	.00110
%RSD	.26368	.61930	4.2238	2.2960	.04260	8.0641	293.03
#1	H1271.7	.07662	.02120	.01808	.01912	.00463	-.00116
#2	H1276.5	.07595	.01997	.01868	.01911	.00519	.00040
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01140	.00166	.07591	-.00215	.00427	.18185	.00215
SDev	.00398	.00140	.00416	.00160	.00030	.00184	.00112
%RSD	34.902	84.206	5.4777	74.284	7.0700	1.0111	52.337
#1	.00859	.00265	.07885	-.00328	.00448	.18315	.00135
#2	.01422	.00067	.07297	-.00102	.00405	.18055	.00294
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00035	-.00053
SDev	.00008	.00000
%RSD	24.492	.22459
#1	-.00029	-.00053
#2	-.00041	-.00053
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5362	--	--	--	--	--	--
SDev	2.969987	--	--	--	--	--	--
%RSD	.0553859	--	--	--	--	--	--
#1	5364	--	--	--	--	--	--
#2	5360	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855434 Operator: TWS
Run Time: 09/29/08 17:14:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4509	.03786	.38768	.31179	.00085	24.821	.00100
SDev	.0026	.00199	.00059	.00018	.00004	.039	.00035
%RSD	.17968	5.2616	.15322	.05643	4.5785	.15823	34.853
#1	1.4528	.03927	.38810	.31191	.00088	24.848	.00125
#2	1.4491	.03645	.38726	.31166	.00082	24.793	.00076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	.00404	.03707	2.1579	6.2355	1.3556	.42060
SDev	.00026	.00032	.00015	.0054	.0619	.0050	.00126
%RSD	16.395	7.9079	.40269	.25044	.99256	.36910	.29942
#1	.00176	.00427	.03718	2.1618	6.2793	1.3591	.42149
#2	.00139	.00382	.03697	2.1541	6.1918	1.3520	.41971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1236.7	.00700	.01069	.01015	.01033	.00230	-.00247
SDev	2.4	.00042	.00246	.00041	.00055	.00564	.00240
%RSD	.19777	6.0264	23.032	4.0532	5.2799	245.32	97.160
#1	H1238.4	.00730	.00895	.01044	.00994	.00629	-.00077
#2	H1235.0	.00670	.01243	.00986	.01072	-.00169	-.00417
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01047	-.00179	.02516	-.00032	.01336	.04592	.00082
SDev	.00587	.00553	.00142	.00147	.00065	.00028	.00225
%RSD	56.019	309.71	5.6370	459.99	4.8327	.60421	275.56
#1	.01462	.00213	.02616	.00072	.01382	.04612	.00241
#2	.00632	-.00570	.02415	-.00136	.01291	.04573	-.00078
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00011	.00091
SDev	.00017	.00133
%RSD	152.22	146.36
#1	.00001	.00184
#2	-.00023	-.00003
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5400	--	--	--	--	--	--
SDev	13.57624	--	--	--	--	--	--
%RSD	.2514119	--	--	--	--	--	--
#1	5390	--	--	--	--	--	--
#2	5410	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855435 Operator: TWS
Run Time: 09/29/08 17:19:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64132	.00532	.14066	.34129	.00267	20.762	.00049
SDev	.00054	.00106	.00010	.00062	.00000	.039	.00001
%RSD	.08432	19.910	.07110	.18198	.06749	.18800	2.8130
#1	.64093	.00607	.14073	.34173	.00267	20.789	.00048
#2	.64170	.00457	.14059	.34085	.00267	20.734	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01864	.00098	.00583	.31139	2.5101	5.4778	.13468
SDev	.00025	.00025	.00053	.00113	.0303	.0001	.00007
%RSD	1.3546	25.081	9.1810	.36386	1.2089	.00141	.05569
#1	.01881	.00081	.00621	.31219	2.5315	5.4778	.13463
#2	.01846	.00115	.00545	.31059	2.4886	5.4777	.13473
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1094.9	.05515	.01510	.01293	.01365	.00133	-.00108
SDev	1.2	.00040	.00025	.00060	.00032	.00498	.00007
%RSD	.10858	.73133	1.6283	4.6305	2.3251	374.39	6.4128
#1	H1095.7	.05543	.01527	.01250	.01342	-.00219	-.00113
#2	H1094.0	.05486	.01492	.01335	.01387	.00485	-.00103
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00818	-.00210	.00090	-.00229	.00271	.25772	-.00054
SDev	.00463	.00515	.00021	.00356	.00015	.00018	.00067
%RSD	56.586	245.32	23.118	155.52	5.6880	.06882	124.71
#1	.00491	-.00574	.00105	.00023	.00282	.25785	-.00006
#2	.01146	.00154	.00075	-.00481	.00261	.25760	-.00101
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00048	.00063
SDev	.00033	.00005
%RSD	67.596	7.5764
#1	-.00071	.00060
#2	-.00025	.00067
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5409	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0686369	--	--	--	--	--	--
#1	5406	--	--	--	--	--	--
#2	5411	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855435/L (1:5) Operator: TWS
Run Time: 09/29/08 17:24:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13363	.00259	.02736	.06654	.00059	4.1303	.00021
SDev	.00015	.00060	.00086	.00030	.00003	.0227	.00015
%RSD	.11170	23.034	3.1288	.44731	4.9790	.54957	70.543
#1	.13353	.00301	.02676	.06675	.00061	4.1464	.00031
#2	.13374	.00217	.02797	.06633	.00057	4.1143	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.00071	.00171	.06091	.39384	1.0940	.02652
SDev	.00041	.00057	.00036	.00354	.02133	.0117	.00017
%RSD	10.885	80.194	20.712	5.8177	5.4145	1.0717	.65402
#1	.00409	.00111	.00196	.06341	.40892	1.1023	.02665
#2	.00350	.00031	.00146	.05840	.37876	1.0857	.02640
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	271.63	.01063	.00569	.00125	.00273	-.00218	-.00181
SDev	.72	.00080	.00050	.00044	.00046	.00394	.00028
%RSD	.26689	7.5249	8.7443	34.991	16.761	180.27	15.488
#1	272.15	.01120	.00604	.00156	.00305	-.00497	-.00201
#2	271.12	.01006	.00534	.00094	.00241	.00060	-.00161
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00789	-.00722	.00022	.00280	.00052	.05142	-.00009
SDev	.00459	.00820	.00024	.00126	.00015	.00028	.00214
%RSD	58.169	113.56	109.68	45.212	27.733	.53925	2413.5
#1	.01113	-.01301	.00039	.00190	.00063	.05122	.00142
#2	.00464	-.00142	.00005	.00369	.00042	.05162	-.00160
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00025	-.00160
SDev	.00042	.00005
%RSD	168.41	2.9500
#1	.00005	-.00163
#2	-.00054	-.00156
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5685	--	--	--	--	--	--
SDev	2.969641	--	--	--	--	--	--
%RSD	.0522351	--	--	--	--	--	--
#1	5683	--	--	--	--	--	--
#2	5687	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855435/PS Operator: TWS
Run Time: 09/29/08 17:29:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63792	1.0652	.14120	1.3756	1.0342	20.654	1.0623
SDev	.00797	.0082	.00018	.0038	.0031	.027	.0009
%RSD	1.2490	.76554	.12926	.27355	.30394	.13125	.08263
#1	.64356	1.0595	.14107	1.3729	1.0320	20.673	1.0629
#2	.63229	1.0710	.14133	1.3783	1.0364	20.635	1.0617
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0161	1.0535	1.0283	.40105	2.4811	5.4423	1.1754
SDev	.0003	.0001	.0047	.01207	.0159	.0099	.0036
%RSD	.02592	.01153	.45849	3.0107	.63917	.18242	.30332
#1	1.0159	1.0535	1.0249	.40959	2.4699	5.4353	1.1729
#2	1.0162	1.0536	1.0316	.39251	2.4923	5.4493	1.1779
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1086.3	1.1015	1.0444	1.0608	1.0554	1.0758	1.0936
SDev	2.9	.0004	.0004	.0002	.0003	.0008	.0019
%RSD	.26953	.04073	.04106	.01655	.02462	.07895	.17784
#1	H1084.2	1.1011	1.0440	1.0607	1.0552	1.0752	1.0923
#2	H1088.4	1.1018	1.0447	1.0610	1.0555	1.0764	1.0950
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0516	1.0879	.00139	1.0767	1.0650	1.3253	.00157
SDev	.0042	.0034	.00023	.0053	.0000	.0012	.00247
%RSD	.40112	.31097	16.523	.48965	.00202	.09144	157.13
#1	1.0545	1.0855	.00155	1.0804	1.0650	1.3261	.00332
#2	1.0486	1.0903	.00123	1.0729	1.0650	1.3244	-.00017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0877	1.0496
SDev	.0014	.0073
%RSD	.13328	.70002
#1	1.0867	1.0444
#2	1.0888	1.0548
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5440	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0311960	--	--	--	--	--	--
#1	5439	--	--	--	--	--	--
#2	5441	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855436/MS Operator: TWS
Run Time: 09/29/08 17:34:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62916	1.0035	.13918	1.3296	.97821	20.500	1.0099
SDev	.00033	.0021	.00088	.0010	.00125	.002	.0013
%RSD	.05220	.20973	.63449	.07493	.12728	.00890	.12701
#1	.62893	1.0020	.13980	1.3289	.97733	20.502	1.0090
#2	.62940	1.0050	.13855	1.3303	.97909	20.499	1.0108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96588	.99880	1.0244	.38414	2.4634	5.4007	1.1255
SDev	.00161	.00054	.0014	.00369	.0184	.0073	.0011
%RSD	.16715	.05446	.13986	.96027	.74490	.13500	.10011
#1	.96474	.99918	1.0234	.38675	2.4505	5.3955	1.1248
#2	.96703	.99841	1.0255	.38154	2.4764	5.4058	1.1263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1088.4	1.0539	.95647	.97367	.96794	1.0239	.94166
SDev	.8	.0006	.00080	.00045	.00057	.0034	.00158
%RSD	.07405	.06091	.08405	.04587	.05843	.33057	.16761
#1	H1087.8	1.0544	.95703	.97399	.96834	1.0262	.94055
#2	H1088.9	1.0535	.95590	.97336	.96754	1.0215	.94278
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99455	1.0385	.00094	1.0029	1.0181	1.2737	.00108
SDev	.00825	.0092	.00052	.0004	.0016	.0015	.00000
%RSD	.82927	.88595	55.677	.03578	.15772	.11828	.26123
#1	.98872	1.0450	.00131	1.0026	1.0170	1.2727	.00108
#2	1.0004	1.0320	.00057	1.0031	1.0193	1.2748	.00107
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0168	.98024
SDev	.0006	.00704
%RSD	.05724	.71814
#1	1.0163	.97526
#2	1.0172	.98521
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5474	--	--	--	--	--	--
SDev	.3179909	--	--	--	--	--	--
%RSD	.0058093	--	--	--	--	--	--
#1	5474	--	--	--	--	--	--
#2	5474	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 17:42:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.143	.49391	.49093	.49729	.49997	25.087	.50069
SDev	.036	.00382	.00016	.00033	.00025	.068	.00235
%RSD	.14440	.77264	.03292	.06552	.05044	.27139	.47010
#1	25.169	.49661	.49081	.49706	.50015	25.135	.50236
#2	25.117	.49121	.49104	.49752	.49979	25.039	.49903
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49504	.51528	.48723	24.910	24.556	25.198	.50215
SDev	.00035	.00044	.00003	.071	.069	.028	.00005
%RSD	.07118	.08547	.00724	.28488	.28044	.10988	.00906
#1	.49529	.51559	.48725	24.960	24.508	25.218	.50218
#2	.49479	.51497	.48720	24.859	24.605	25.179	.50212
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.644	.50676	.50471	.50751	.50658	.50181	.51264
SDev	.059	.00015	.00169	.00022	.00071	.00542	.00097
%RSD	.24140	.02896	.33411	.04257	.13929	1.0798	.18945
#1	24.686	.50666	.50590	.50766	.50708	.50564	.51195
#2	24.602	.50687	.50352	.50736	.50608	.49798	.51332
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49092	.50726	.51841	.50814	.49670	.51122	.51421
SDev	.00697	.00464	.00110	.00178	.00150	.00176	.00256
%RSD	1.4199	.91524	.21119	.35077	.30285	.34480	.49836
#1	.49584	.51054	.51919	.50940	.49776	.51247	.51603
#2	.48599	.50398	.51764	.50688	.49563	.50997	.51240
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50495	.49927
SDev	.00087	.00089
%RSD	.17291	.17740
#1	.50557	.49864
#2	.50433	.49990
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2521679	--	--	--	--	--	--
#1	5688	--	--	--	--	--	--
#2	5668	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 17:47:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00482	.00268	.00010	.00004	.00005	.00471	.00002
SDev	.00493	.00020	.00005	.00000	.00004	.00037	.00007
%RSD	102.39	7.4222	52.896	1.2498	76.981	7.9302	284.86
#1	-.00133	.00254	.00006	.00004	.00008	.00445	-.00002
#2	-.00830	.00282	.00014	.00004	.00002	.00498	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.00050	.00056	.00183	.00415	-.00136	.00003
SDev	.00011	.00088	.00023	.00439	.00823	.00092	.00000
%RSD	46.392	175.55	41.173	239.65	198.26	67.388	1.7096
#1	-.00015	.00012	.00072	.00494	.00997	-.00071	.00003
#2	-.00030	-.00112	.00040	-.00127	-.00167	-.00201	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11512	.00017	-.00007	.00085	.00055	.00032	-.00163
SDev	.01740	.00004	.00227	.00073	.00027	.00175	.00104
%RSD	15.114	24.773	3230.8	85.254	49.595	549.46	63.576
#1	.12742	.00014	-.00168	.00137	.00036	.00156	-.00090
#2	.10282	.00019	.00154	.00034	.00074	-.00092	-.00236
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	-.00074	-.00002	.00078	.00032	.00207	-.00109
SDev	.00216	.00155	.00008	.00021	.00015	.00031	.00000
%RSD	88.587	208.33	371.92	26.921	45.391	14.949	.41852
#1	.00397	.00035	.00003	.00093	.00043	.00229	-.00110
#2	.00091	-.00184	-.00007	.00063	.00022	.00186	-.00109
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	.00120
SDev	.00001	.00084
%RSD	3.3409	70.081
#1	-.00027	.00180
#2	-.00028	.00061
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5673	--	--	--	--	--	--
SDev	9.439944	--	--	--	--	--	--
%RSD	.1663903	--	--	--	--	--	--
#1	5667	--	--	--	--	--	--
#2	5680	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855437/SD Operator: TWS
Run Time: 09/29/08 17:52:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63785	1.0113	.13940	1.3381	.98584	20.623	1.0136
SDev	.00299	.0013	.00176	.0021	.00062	.020	.0008
%RSD	.46905	.12761	1.2625	.15764	.06270	.09819	.07573
#1	.63573	1.0123	.14065	1.3396	.98627	20.609	1.0142
#2	.63996	1.0104	.13816	1.3366	.98540	20.638	1.0131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97319	1.0049	1.0303	.39448	2.4675	5.4319	1.1327
SDev	.00050	.0006	.0020	.00631	.0036	.0122	.0018
%RSD	.05174	.06276	.19830	1.6000	.14432	.22414	.16103
#1	.97283	1.0044	1.0318	.39002	2.4700	5.4233	1.1340
#2	.97354	1.0053	1.0289	.39895	2.4650	5.4405	1.1314
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1090.3	1.0595	.96552	.98196	.97649	1.0265	.93973
SDev	2.3	.0028	.00127	.00358	.00281	.0021	.00802
%RSD	.21447	.26538	.13184	.36474	.28805	.20624	.85352
#1	H1092.0	1.0575	.96462	.97943	.97450	1.0250	.94540
#2	H1088.7	1.0615	.96642	.98449	.97847	1.0280	.93405
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0113	1.0340	.00125	1.0043	1.0233	1.2839	.00109
SDev	.0029	.0046	.00001	.0041	.0001	.0002	.00088
%RSD	.28365	.44579	1.0781	.40569	.00657	.01486	80.995
#1	1.0134	1.0308	.00124	1.0014	1.0234	1.2838	.00171
#2	1.0093	1.0373	.00126	1.0071	1.0233	1.2840	.00047
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0221	.98771
SDev	.0002	.00296
%RSD	.01538	.29940
#1	1.0220	.98562
#2	1.0222	.98980
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5438	--	--	--	--	--	--
SDev	10.92494	--	--	--	--	--	--
%RSD	.2009156	--	--	--	--	--	--
#1	5445	--	--	--	--	--	--
#2	5430	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855438 Operator: TWS
Run Time: 09/29/08 17:57:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78209	.00413	.11550	.59149	.00083	562.86	.00089
SDev	.00268	.00084	.00047	.00026	.00000	.71	.00010
%RSD	.34252	20.428	.41146	.04329	.47162	.12568	11.640
#1	.78399	.00353	.11583	.59131	.00083	562.36	.00096
#2	.78020	.00472	.11516	.59167	.00083	563.36	.00082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00454	.00146	.00070	.69093	5.0374	28.494	2.7391
SDev	.00000	.00014	.00032	.00482	.0221	.076	.0069
%RSD	.09661	9.4423	45.330	.69706	.43875	.26760	.25008
#1	.00454	.00137	.00047	.68752	5.0218	28.440	2.7343
#2	.00455	.00156	.00092	.69433	5.0531	28.548	2.7440
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1122.1	.00346	.00128	.00179	.00162	.00200	-.00302
SDev	1.1	.00085	.00009	.00044	.00032	.00255	.00362
%RSD	.09979	24.646	7.2915	24.363	19.868	127.62	119.97
#1	H1122.9	.00406	.00122	.00148	.00140	.00380	-.00046
#2	H1121.4	.00285	.00135	.00210	.00185	.00019	-.00558
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00755	-.00078	.01565	.00298	.00340	.04989	.00100
SDev	.00444	.00160	.00039	.00215	.00017	.00020	.00297
%RSD	58.775	204.85	2.5055	71.943	4.8935	.39303	297.07
#1	.01069	.00035	.01593	.00146	.00352	.04975	.00310
#2	.00441	-.00191	.01537	.00450	.00329	.05003	-.00110
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00031	.00282
SDev	.00062	.00264
%RSD	199.81	93.546
#1	.00013	.00468
#2	-.00075	.00095
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5325	--	--	--	--	--	--
SDev	13.68224	--	--	--	--	--	--
%RSD	.2569399	--	--	--	--	--	--
#1	5315	--	--	--	--	--	--
#2	5335	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855439 Operator: TWS
Run Time: 09/29/08 18:02:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97901	.00394	.25381	.82277	.00137	66.260	.00080
SDev	.00278	.00217	.00245	.00013	.00001	.079	.00002
%RSD	.28360	55.065	.96456	.01553	.74313	.11982	2.6420
#1	.97704	.00547	.25555	.82268	.00136	66.316	.00078
#2	.98097	.00240	.25208	.82286	.00137	66.204	.00081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01257	.00356	.00380	34.742	3.1246	4.3275	2.0471
SDev	.00018	.00101	.00013	.035	.0236	.0010	.0039
%RSD	1.4148	28.267	3.3759	.10047	.75606	.02316	.19171
#1	.01269	.00285	.00389	34.767	3.1413	4.3282	2.0499
#2	.01244	.00427	.00371	34.718	3.1079	4.3267	2.0444
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1102.3	.02184	.02562	.02461	.02495	.00092	-.00081
SDev	.2	.00053	.00226	.00044	.00105	.00039	.00094
%RSD	.02177	2.4187	8.8068	1.7980	4.1946	42.693	115.21
#1	H1102.5	.02146	.02402	.02430	.02421	.00119	-.00015
#2	H1102.1	.02221	.02721	.02492	.02569	.00064	-.00148
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00710	-.00217	.00696	-.00303	.00151	.05632	.00150
SDev	.00031	.00043	.00040	.00180	.00015	.00026	.00044
%RSD	4.3695	19.892	5.7260	59.249	10.300	.45459	29.569
#1	.00732	-.00187	.00668	-.00176	.00140	.05651	.00181
#2	.00688	-.00248	.00724	-.00430	.00162	.05614	.00119
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00003	.00151
SDev	.00045	.00049
%RSD	1662.9	32.176
#1	.00034	.00117
#2	-.00029	.00185
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5439	--	--	--	--	--	--
SDev	6.045625	--	--	--	--	--	--
%RSD	.1111486	--	--	--	--	--	--
#1	5444	--	--	--	--	--	--
#2	5435	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855440 Operator: TWS
Run Time: 09/29/08 18:07:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33270	.00892	.11696	.55181	.00076	30.802	.00076
SDev	.00069	.00096	.00174	.00015	.00003	.023	.00001
%RSD	.20830	10.746	1.4852	.02720	3.6553	.07311	1.1999
#1	.33221	.00824	.11574	.55192	.00078	30.818	.00077
#2	.33319	.00960	.11819	.55170	.00074	30.786	.00075
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00972	.00012	.00910	.26502	4.2759	2.7888	5.6208
SDev	.00029	.00008	.00020	.01085	.0316	.0066	.0097
%RSD	2.9446	66.532	2.1763	4.0945	.73980	.23719	.17188
#1	.00992	.00018	.00924	.25735	4.2983	2.7935	5.6276
#2	.00952	.00007	.00896	.27270	4.2535	2.7841	5.6140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1111.5	.00820	.00678	.00707	.00697	.00356	-.00210
SDev	.2	.00032	.00380	.00011	.00119	.00384	.00370
%RSD	.02132	3.8918	55.964	1.5283	17.087	107.92	176.09
#1	H1111.7	.00797	.00947	.00699	.00782	.00084	-.00472
#2	H1111.4	.00843	.00410	.00715	.00613	.00627	.00052
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00505	.00281	.00491	.00028	.00078	.01817	.00160
SDev	.00273	.00439	.00045	.00126	.00015	.00030	.00204
%RSD	54.094	156.25	9.1267	445.28	19.458	1.6553	127.06
#1	.00312	-.00029	.00459	-.00061	.00067	.01796	.00304
#2	.00698	.00592	.00523	.00117	.00088	.01838	.00016
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00062	-.00036
SDev	.00019	.00093
%RSD	30.580	258.82
#1	-.00075	.00030
#2	-.00049	-.00102
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5380	--	--	--	--	--	--
SDev	6.151967	--	--	--	--	--	--
%RSD	.1143446	--	--	--	--	--	--
#1	5376	--	--	--	--	--	--
#2	5385	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855441 Operator: TWS
Run Time: 09/29/08 18:12:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1737	.00454	.15205	.74920	.00057	247.61	.00071
SDev	.0057	.00078	.00014	.00095	.00000	.39	.00001
%RSD	.48321	17.251	.09324	.12622	.70307	.15898	1.4374
#1	1.1778	.00510	.15195	.74986	.00057	247.33	.00072
#2	1.1697	.00399	.15215	.74853	.00057	247.89	.00071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01006	.00231	.00270	.97947	6.7818	8.9174	.99869
SDev	.00047	.00007	.00004	.00268	.0200	.0241	.00179
%RSD	4.6669	3.1365	1.3716	.27321	.29556	.27053	.17925
#1	.01039	.00236	.00267	.98136	6.7960	8.9003	.99742
#2	.00973	.00226	.00273	.97758	6.7676	8.9344	.99995
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1102.5	.00586	.00540	.00218	.00325	.00242	-.00095
SDev	3.5	.00057	.00045	.00115	.00062	.00138	.00058
%RSD	.31407	9.7198	8.2557	52.703	19.001	56.924	61.684
#1	H1105.0	.00626	.00572	.00137	.00282	.00145	-.00053
#2	H1100.1	.00545	.00509	.00299	.00369	.00340	-.00136
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	.00209	.03318	.00060	.00216	.01500	.00202
SDev	.00209	.00312	.00052	.00231	.00032	.00026	.00113
%RSD	67.397	149.31	1.5592	387.01	14.579	1.7575	56.214
#1	.00458	-.00012	.03355	-.00104	.00238	.01481	.00282
#2	.00162	.00429	.03281	.00223	.00194	.01519	.00121
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	.00051
SDev	.00016	.00073
%RSD	245.39	143.85
#1	.00018	-.00001
#2	-.00005	.00103
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5378	--	--	--	--	--	--
SDev	19.94020	--	--	--	--	--	--
%RSD	.3707564	--	--	--	--	--	--
#1	5364	--	--	--	--	--	--
#2	5392	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855442 Operator: TWS
Run Time: 09/29/08 18:17:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.969	.00653	.23347	.94492	.00192	36.737	.00047
SDev	.029	.00167	.00063	.00097	.00001	.032	.00006
%RSD	.18256	25.558	.26802	.10239	.64654	.08601	12.635
#1	15.989	.00535	.23391	.94560	.00193	36.759	.00051
#2	15.948	.00771	.23303	.94424	.00192	36.715	.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02100	.02180	.02402	89.863	9.3696	7.4135	1.7433
SDev	.00027	.00011	.00061	.081	.0524	.0222	.0044
%RSD	1.3039	.52459	2.5274	.09038	.55911	.29884	.25438
#1	.02081	.02172	.02445	89.920	9.4067	7.4291	1.7465
#2	.02120	.02188	.02359	89.806	9.3326	7.3978	1.7402
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1196.2	.04484	.02633	.02700	.02678	-.00064	-.00146
SDev	.3	.00026	.00004	.00313	.00210	.00502	.00417
%RSD	.02738	.57710	.14949	11.598	7.8489	780.58	285.94
#1	H1196.0	.04466	.02636	.02921	.02826	-.00419	-.00441
#2	H1196.4	.04502	.02630	.02478	.02529	.00290	.00149
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00866	-.00529	.25708	-.00065	.02405	.08796	.00060
SDev	.00496	.00504	.00039	.00108	.00021	.00012	.00089
%RSD	57.276	95.324	.15121	167.07	.89198	.13678	148.17
#1	.00515	-.00886	.25736	-.00141	.02390	.08805	-.00003
#2	.01216	-.00172	.25681	.00012	.02421	.08788	.00123
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00039	.00071
SDev	.00001	.00217
%RSD	2.1925	305.03
#1	.00038	-.00082
#2	.00039	.00225
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5471	--	--	--	--	--	--
SDev	12.40959	--	--	--	--	--	--
%RSD	.2268424	--	--	--	--	--	--
#1	5479	--	--	--	--	--	--
#2	5462	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855443 Operator: TWS
Run Time: 09/29/08 18:22:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.6485	.00227	.17960	.29144	.00034	63.867	.00016
SDev	.0042	.00007	.00002	.00037	.00000	.026	.00022
%RSD	.25738	3.1288	.00990	.12774	.61169	.04015	134.19
#1	1.6515	.00232	.17959	.29170	.00035	63.885	.00001
#2	1.6455	.00222	.17961	.29117	.00034	63.849	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00235	.00355	.89487	2.0424	3.5126	.03287
SDev	.00002	.00020	.00016	.00020	.0172	.0022	.00013
%RSD	5.4822	8.6343	4.5862	.02295	.84164	.06317	.38579
#1	.00034	.00249	.00343	.89501	2.0303	3.5110	.03278
#2	.00032	.00221	.00366	.89472	2.0546	3.5142	.03296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1069.0	.00223	.00105	.00147	.00133	-.00180	-.00202
SDev	.1	.00077	.00088	.00001	.00030	.00271	.00513
%RSD	.00655	34.655	83.422	.63008	22.378	150.50	253.84
#1	H1069.0	.00168	.00167	.00148	.00154	.00012	-.00565
#2	H1069.1	.00278	.00043	.00146	.00112	-.00372	.00161
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00563	-.00552	.03673	-.00408	.00289	.03262	-.00139
SDev	.00227	.00294	.00116	.00389	.00046	.00013	.00022
%RSD	40.221	53.214	3.1594	95.463	15.707	.40827	16.141
#1	.00724	-.00344	.03591	-.00683	.00322	.03272	-.00155
#2	.00403	-.00760	.03755	-.00132	.00257	.03253	-.00123
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00037	.00167
SDev	.00050	.00015
%RSD	134.49	8.8687
#1	-.00072	.00156
#2	-.00002	.00177
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5420	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0802328	--	--	--	--	--	--
#1	5423	--	--	--	--	--	--
#2	5417	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855444 Operator: TWS
Run Time: 09/29/08 18:27:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41960	.00437	.23699	.33379	.00064	63.578	.00074
SDev	.00374	.00199	.00138	.00046	.00004	.051	.00008
%RSD	.89090	45.566	.58054	.13727	5.6178	.08002	10.697
#1	.42225	.00578	.23602	.33346	.00066	63.614	.00079
#2	.41696	.00296	.23796	.33411	.00061	63.542	.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01318	.00114	.00404	.42095	3.8013	20.158	1.9194
SDev	.00006	.00048	.00003	.00046	.0233	.018	.0013
%RSD	.43845	41.765	.81558	.10996	.61164	.08786	.07027
#1	.01322	.00148	.00406	.42128	3.7849	20.170	1.9184
#2	.01314	.00081	.00402	.42063	3.8178	20.145	1.9203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1106.1	.01386	.00619	.00457	.00511	-.00060	-.00056
SDev	3.3	.00040	.00148	.00117	.00127	.00782	.00065
%RSD	.30023	2.8632	23.941	25.475	24.856	1306.5	115.26
#1	H1103.7	.01358	.00514	.00375	.00421	-.00613	-.00010
#2	H1108.4	.01414	.00723	.00540	.00601	.00493	-.00102
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00779	-.00479	.00723	.00113	.00099	.06654	.00102
SDev	.00837	.00754	.00243	.00228	.00046	.00025	.00067
%RSD	107.48	157.47	33.599	201.87	46.423	.37042	65.073
#1	.00187	-.01012	.00895	.00275	.00132	.06637	.00055
#2	.01370	.00054	.00551	-.00048	.00067	.06671	.00149
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	.00043
SDev	.00005	.00103
%RSD	22.725	240.76
#1	-.00025	-.00030
#2	-.00018	.00116
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5373	--	--	--	--	--	--
SDev	6.045625	--	--	--	--	--	--
%RSD	.1125202	--	--	--	--	--	--
#1	5369	--	--	--	--	--	--
#2	5377	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855445 Operator: TWS
Run Time: 09/29/08 18:32:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1440	.00465	.16575	.34931	.00074	22.725	.00063
SDev	.0052	.00093	.00011	.00021	.00000	.013	.00001
%RSD	.45742	20.065	.06653	.06030	.00647	.05916	.86411
#1	1.1477	.00531	.16583	.34946	.00074	22.715	.00064
#2	1.1403	.00399	.16567	.34916	.00074	22.734	.00063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00916	.00266	.01440	1.1759	3.6198	3.9045	1.5454
SDev	.00047	.00060	.00014	.0076	.0007	.0101	.0025
%RSD	5.1055	22.703	.97131	.64236	.01953	.25852	.15976
#1	.00949	.00223	.01450	1.1813	3.6203	3.8974	1.5436
#2	.00882	.00308	.01430	1.1706	3.6193	3.9116	1.5471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1074.3	.01407	.00933	.00672	.00759	.00330	-.00035
SDev	1.9	.00027	.00346	.00267	.00063	.00254	.00090
%RSD	.17329	1.9209	37.099	39.705	8.2552	77.099	257.03
#1	H1075.6	.01426	.00689	.00861	.00803	.00509	-.00099
#2	H1072.9	.01388	.01178	.00483	.00715	.00150	.00029
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00703	.00143	.01950	-.00182	.00158	.04554	-.00019
SDev	.00176	.00469	.00338	.00112	.00046	.00049	.00287
%RSD	25.022	328.33	17.347	61.386	29.263	1.0808	1516.6
#1	.00579	.00475	.02190	-.00261	.00191	.04589	-.00222
#2	.00828	-.00189	.01711	-.00103	.00125	.04520	.00184
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	-.00054
SDev	.00091	.00043
%RSD	718.81	79.879
#1	.00052	-.00023
#2	-.00077	-.00084
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5496	--	--	--	--	--	--
SDev	39.77476	--	--	--	--	--	--
%RSD	.7237333	--	--	--	--	--	--
#1	5468	--	--	--	--	--	--
#2	5524	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855446 Operator: TWS
Run Time: 09/29/08 18:37:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30971	.00299	.15578	.36002	.00042	116.85	.00202
SDev	.00444	.00048	.00122	.00099	.00003	.12	.00008
%RSD	1.4346	16.052	.78042	.27495	5.8710	.10149	3.8364
#1	.31285	.00265	.15492	.35932	.00044	116.93	.00208
#2	.30657	.00332	.15664	.36072	.00040	116.77	.00197
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02623	.00104	.01987	1.0956	2.7575	11.477	2.8356
SDev	.00009	.00015	.00005	.0019	.0237	.027	.0103
%RSD	.33060	14.283	.23778	.17544	.85812	.23106	.36442
#1	.02629	.00094	.01983	1.0943	2.7408	11.458	2.8283
#2	.02617	.00115	.01990	1.0970	2.7742	11.496	2.8429
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1126.6	.02691	.01697	.01606	.01636	-.00033	-.00063
SDev	4.0	.00030	.00307	.00334	.00121	.00117	.00291
%RSD	.35481	1.1191	18.077	20.801	7.3788	359.88	461.79
#1	H1123.7	.02712	.01480	.01843	.01722	.00050	-.00269
#2	H1129.4	.02669	.01913	.01370	.01551	-.00116	.00143
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	-.00189	.00919	.00010	.00043	.23960	-.00016
SDev	.00280	.00316	.00098	.00128	.00030	.00029	.00360
%RSD	99.941	167.23	10.662	1239.8	70.904	.12221	2258.4
#1	.00082	.00034	.00988	-.00080	.00064	.23981	-.00271
#2	.00478	-.00412	.00850	.00101	.00021	.23939	.00239
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00000	-.00038
SDev	.00071	.00044
%RSD	40988.	116.65
#1	.00050	-.00007
#2	-.00050	-.00069
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5386	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3465907	--	--	--	--	--	--
#1	5399	--	--	--	--	--	--
#2	5373	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 06:50:56 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 18:45:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.048	.48312	.48599	.49660	.49373	24.718	.48779
SDev	.045	.00044	.00047	.00104	.00376	.011	.00048
%RSD	.17955	.09139	.09755	.20950	.76151	.04254	.09888
#1	25.080	.48343	.48632	.49586	.49107	24.711	.48745
#2	25.016	.48281	.48565	.49733	.49639	24.726	.48813
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48702	.50916	.48696	24.533	24.479	24.778	.49564
SDev	.00044	.00156	.00036	.068	.271	.142	.00280
%RSD	.08969	.30722	.07400	.27888	1.1086	.57401	.56475
#1	.48671	.50806	.48671	24.484	24.287	24.677	.49366
#2	.48733	.51027	.48722	24.581	24.670	24.878	.49762
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.724	.49804	.49452	.49619	.49563	.49097	.50748
SDev	.094	.00028	.00141	.00180	.00167	.00430	.00090
%RSD	.37820	.05691	.28480	.36352	.33736	.87621	.17775
#1	24.657	.49824	.49352	.49492	.49445	.48793	.50684
#2	24.790	.49784	.49551	.49747	.49682	.49402	.50812
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48554	.49370	.51362	.49173	.49058	.49982	.50375
SDev	.00653	.00319	.00032	.00456	.00039	.00219	.00394
%RSD	1.3446	.64589	.06248	.92723	.07889	.43840	.78134
#1	.48093	.49144	.51385	.48850	.49031	.49827	.50654
#2	.49016	.49595	.51340	.49495	.49085	.50137	.50097
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50355	.49114
SDev	.00093	.00420
%RSD	.18396	.85434
#1	.50289	.48817
#2	.50420	.49411
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5634	--	--	--	--	--	--
SDev	21.21320	--	--	--	--	--	--
%RSD	.3765312	--	--	--	--	--	--
#1	5649	--	--	--	--	--	--
#2	5619	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 06:56:00 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 18:51:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01193	.00268	.00032	.00011	.00025	.01559	.00031
SDev	.00499	.00073	.00034	.00011	.00013	.00956	.00011
%RSD	41.850	27.297	107.23	94.879	50.308	61.301	36.498
#1	.00840	.00216	.00056	.00004	.00016	.00883	.00023
#2	.01546	.00319	.00008	.00018	.00034	.02235	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00024	.00096	.01053	.03998	.00580	.00026
SDev	.00030	.00037	.00010	.00439	.00804	.00644	.00019
%RSD	64937.	152.54	10.512	41.649	20.104	111.07	74.579
#1	-.00022	.00050	.00089	.00743	.03430	.00124	.00012
#2	.00022	-.00002	.00103	.01363	.04566	.01035	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20185	.00027	.00204	.00109	.00141	.00073	-.00164
SDev	.01121	.00006	.00069	.00115	.00100	.00095	.00172
%RSD	5.5545	21.895	33.753	105.49	70.893	129.38	105.14
#1	.20978	.00023	.00155	.00028	.00070	.00006	-.00286
#2	.19392	.00031	.00253	.00191	.00211	.00140	-.00042
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00427	-.00104	.00016	-.00047	.00032	.00185	-.00078
SDev	.00103	.00193	.00011	.00367	.00015	.00030	.00085
%RSD	24.049	185.91	68.956	775.61	45.158	16.443	109.23
#1	.00500	-.00241	.00024	.00212	.00022	.00206	-.00138
#2	.00355	.00033	.00008	-.00307	.00042	.00163	-.00018
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00023	.00155
SDev	.00042	.00032
%RSD	180.95	20.922
#1	-.00053	.00132
#2	.00006	.00178
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5698	--	--	--	--	--	--
SDev	.8483210	--	--	--	--	--	--
%RSD	.0148867	--	--	--	--	--	--
#1	5699	--	--	--	--	--	--
#2	5698	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855447 Operator: TWS
Run Time: 09/29/08 18:56:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3462	.00374	.18179	.89527	.00052	55.570	.00034
SDev	.0556	.00189	.00020	.00087	.00001	.037	.00030
%RSD	1.0393	50.511	.10855	.09754	1.0227	.06691	90.998
#1	5.3855	.00240	.18193	.89465	.00053	55.544	.00012
#2	5.3069	.00508	.18165	.89588	.00052	55.597	.00055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00698	.00685	.01579	9.6187	5.2254	3.1806	.89370
SDev	.00012	.00009	.00011	.0071	.0334	.0044	.00028
%RSD	1.6455	1.2561	.71340	.07415	.63915	.13953	.03174
#1	.00706	.00679	.01571	9.6136	5.2490	3.1838	.89350
#2	.00689	.00691	.01587	9.6237	5.2018	3.1775	.89390
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1221.9	.00821	.00536	.00471	.00493	.00144	-.00022
SDev	2.0	.00002	.00219	.00051	.00039	.00162	.00290
%RSD	.16490	.27456	40.837	10.891	7.8596	112.68	1315.2
#1	H1220.4	.00820	.00691	.00435	.00520	.00259	.00183
#2	H1223.3	.00823	.00382	.00507	.00465	.00029	-.00227
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00900	-.00234	.13355	-.00183	.00875	.06546	.00146
SDev	.00384	.00051	.00608	.00187	.00015	.00034	.00067
%RSD	42.627	21.924	4.5537	101.76	1.6646	.52735	45.790
#1	.01172	-.00198	.13785	-.00315	.00886	.06522	.00099
#2	.00629	-.00271	.12924	-.00051	.00865	.06570	.00194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.00163
SDev	.00028	.00182
%RSD	151.96	111.41
#1	-.00039	.00035
#2	.00001	.00292
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5379	--	--	--	--	--	--
SDev	1.909326	--	--	--	--	--	--
%RSD	.0354930	--	--	--	--	--	--
#1	5381	--	--	--	--	--	--
#2	5378	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855448 Operator: TWS
Run Time: 09/29/08 19:01:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1322	.00259	.12659	.83324	.00154	127.44	.00125
SDev	.0043	.00010	.00048	.00335	.00001	.02	.00007
%RSD	.20194	3.8033	.38070	.40248	.93733	.01823	5.7405
#1	2.1292	.00266	.12625	.83087	.00155	127.42	.00130
#2	2.1353	.00252	.12693	.83561	.00152	127.45	.00120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02798	.00545	.02084	13.529	3.2016	47.325	3.6326
SDev	.00036	.00108	.00022	.014	.0251	.141	.0158
%RSD	1.2989	19.855	1.0709	.10002	.78390	.29713	.43480
#1	.02772	.00622	.02068	13.519	3.1839	47.225	3.6215
#2	.02823	.00469	.02100	13.539	3.2194	47.424	3.6438
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1240.6	.04656	.03369	.03334	.03345	.00078	.00141
SDev	2.9	.00095	.00012	.00018	.00016	.00141	.00030
%RSD	.23421	2.0418	.35968	.55111	.48691	180.29	21.292
#1	H1238.6	.04723	.03378	.03347	.03357	.00178	.00120
#2	H1242.7	.04589	.03361	.03321	.03334	-.00022	.00162
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00811	-.00288	.03768	-.00010	.00277	.17598	.00173
SDev	.00365	.00394	.00206	.00129	.00031	.00055	.00204
%RSD	44.985	137.01	5.4773	1302.7	11.167	.31435	118.36
#1	.00553	-.00009	.03622	-.00101	.00299	.17559	.00028
#2	.01069	-.00567	.03914	.00081	.00255	.17637	.00317
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00055	.00138
SDev	.00053	.00049
%RSD	96.634	35.779
#1	-.00017	.00173
#2	-.00093	.00103
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5341	--	--	--	--	--	--
SDev	2.015323	--	--	--	--	--	--
%RSD	.0377333	--	--	--	--	--	--
#1	5342	--	--	--	--	--	--
#2	5340	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855449 Operator: TWS
Run Time: 09/29/08 19:06:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.6420	.01400	.20911	.81709	.00148	230.41	.00100
SDev	.0225	.00079	.00041	.00382	.00000	.57	.00002
%RSD	.48563	5.6727	.19545	.46707	.02033	.24608	2.4321
#1	4.6579	.01456	.20882	.81978	.00148	230.81	.00098
#2	4.6260	.01344	.20939	.81439	.00148	230.01	.00101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02259	.00852	.00973	19.615	5.9608	15.229	3.6895
SDev	.00011	.00029	.00005	.017	.0052	.014	.0073
%RSD	.46606	3.4113	.52827	.08599	.08670	.09312	.19864
#1	.02252	.00831	.00976	19.627	5.9571	15.239	3.6947
#2	.02267	.00872	.00969	19.603	5.9645	15.219	3.6843
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1275.2	.03423	.02369	.02297	.02321	.00347	-.00356
SDev	5.5	.00082	.00053	.00027	.00001	.00125	.00023
%RSD	.42747	2.4003	2.2418	1.1896	.02341	35.957	6.5473
#1	H1279.1	.03365	.02407	.02278	.02321	.00435	-.00339
#2	H1271.3	.03481	.02332	.02317	.02322	.00259	-.00372
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01212	-.00085	.10837	-.00276	.00693	.10818	.00272
SDev	.00095	.00235	.00918	.00215	.00011	.00062	.00115
%RSD	7.8322	275.80	8.4708	78.048	1.6486	.57600	42.297
#1	.01145	.00081	.10188	-.00428	.00685	.10774	.00353
#2	.01279	-.00251	.11486	-.00124	.00701	.10862	.00191
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00063	.00150
SDev	.00083	.00115
%RSD	132.32	77.001
#1	-.00122	.00232
#2	-.00004	.00068
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5296	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.4806980	--	--	--	--	--	--
#1	5278	--	--	--	--	--	--
#2	5314	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855450 Operator: TWS
Run Time: 09/29/08 19:11:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.188	.01478	.24746	.58038	.00159	46.868	.00076
SDev	.012	.00349	.00104	.00030	.00000	.012	.00001
%RSD	.10494	23.584	.41984	.05144	.19411	.02579	.91487
#1	11.196	.01232	.24820	.58017	.00158	46.877	.00075
#2	11.180	.01725	.24673	.58059	.00159	46.860	.00076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00977	.01220	.01836	10.731	5.8567	5.0502	3.2814
SDev	.00023	.00004	.00049	.019	.0193	.0008	.0037
%RSD	2.3871	.34406	2.6838	.17780	.32877	.01638	.11321
#1	.00993	.01217	.01871	10.744	5.8703	5.0508	3.2840
#2	.00960	.01223	.01801	10.717	5.8431	5.0496	3.2788
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1219.5	.02691	.01428	.01274	.01325	.00114	-.00070
SDev	3.2	.00035	.00046	.00055	.00021	.00359	.00107
%RSD	.25840	1.2925	3.2381	4.2927	1.5911	313.99	153.50
#1	H1217.2	.02715	.01395	.01313	.01340	-.00139	.00006
#2	H1221.7	.02666	.01460	.01236	.01310	.00368	-.00145
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01243	-.00450	.14419	.00020	.01781	.07303	.00331
SDev	.00676	.00200	.00443	.00158	.00021	.00057	.00156
%RSD	54.369	44.512	3.0736	807.59	1.1822	.77660	47.266
#1	.00765	-.00592	.14732	-.00092	.01766	.07343	.00221
#2	.01721	-.00308	.14105	.00131	.01795	.07263	.00442
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00063	.00021
SDev	.00028	.00000
%RSD	44.596	.00545
#1	-.00082	.00021
#2	-.00043	.00021
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5452	--	--	--	--	--	--
SDev	16.86422	--	--	--	--	--	--
%RSD	.3093317	--	--	--	--	--	--
#1	5464	--	--	--	--	--	--
#2	5440	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854774/(1:5) Operator: TWS
Run Time: 09/29/08 19:17:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00715	.00147	.03854	.00521	.00003	37.453	.00025
SDev	.00075	.00167	.00129	.00006	.00004	.091	.00005
%RSD	10.485	113.67	3.3504	1.0558	145.84	.24313	18.007
#1	.00662	.00265	.03763	.00517	.00006	37.518	.00022
#2	.00768	.00029	.03945	.00525	-.00000	37.389	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00052	.00139	-.00286	3.2461	20.436	.00063
SDev	.00038	.00020	.00006	.01516	.0129	.069	.00032
%RSD	97.555	38.824	4.1868	529.23	.39853	.33669	51.136
#1	.00012	.00066	.00143	-.01358	3.2553	20.484	.00040
#2	.00067	.00037	.00135	.00785	3.2370	20.387	.00085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	266.43	-.00050	.00225	-.00017	.00064	.09215	.00064
SDev	.22	.00092	.00336	.00068	.00157	.00316	.00019
%RSD	.08174	183.68	149.30	404.85	246.52	3.4243	29.732
#1	266.58	.00015	.00463	.00031	.00175	.08992	.00051
#2	266.27	-.00115	-.00013	-.00065	-.00047	.09438	.00078
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09354	.09146	.00005	.00081	.00012	.00101	-.00192
SDev	.00026	.00486	.00017	.00126	.00015	.00030	.00087
%RSD	.27346	5.3152	307.25	154.60	122.79	30.019	45.496
#1	.09372	.08802	-.00006	-.00008	.00023	.00080	-.00254
#2	.09335	.09490	.00017	.00170	.00002	.00123	-.00130
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00001	.00150
SDev	.00006	.00118
%RSD	1111.9	78.934
#1	.00005	.00233
#2	-.00004	.00066
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5616	--	--	--	--	--	--
SDev	16.33424	--	--	--	--	--	--
%RSD	.2908518	--	--	--	--	--	--
#1	5604	--	--	--	--	--	--
#2	5628	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854775/(1:5) Operator: TWS
Run Time: 09/29/08 19:22:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00492	.00090	.06706	.02411	.00001	4.6104	.00013
SDev	.00497	.00055	.00052	.00003	.00001	.0149	.00018
%RSD	100.99	60.459	.76784	.11387	63.704	.32353	142.03
#1	.00141	.00052	.06743	.02410	.00001	4.5998	.00025
#2	.00843	.00129	.06670	.02413	.00001	4.6209	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00040	.00064	.04184	.80207	1.2096	.00435
SDev	.00009	.00006	.00003	.00016	.00795	.0021	.00011
%RSD	139.48	15.259	5.2784	.38290	.99064	.17565	2.4206
#1	.00000	.00044	.00066	.04195	.80769	1.2111	.00428
#2	.00013	.00036	.00061	.04172	.79646	1.2081	.00442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	123.20	-.00037	.00310	.00034	.00126	-.00040	.00267
SDev	.04	.00045	.00227	.00067	.00120	.00019	.00105
%RSD	.03529	121.38	73.179	196.06	95.397	46.865	39.310
#1	123.23	-.00069	.00471	.00082	.00211	-.00054	.00341
#2	123.17	-.00005	.00150	-.00013	.00041	-.00027	.00193
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00700	-.00410	-.00003	-.00029	.00001	.00055	-.00008
SDev	.00005	.00026	.00012	.00020	.00029	.00030	.00106
%RSD	.64119	6.3885	378.45	71.587	2593.0	54.173	1279.4
#1	.00696	-.00429	-.00012	-.00043	.00021	.00034	-.00083
#2	.00703	-.00392	.00005	-.00014	-.00019	.00075	.00067
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00031	.00030
SDev	.00063	.00051
%RSD	206.44	169.17
#1	-.00076	.00066
#2	.00014	-.00006
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5755	--	--	--	--	--	--
SDev	26.19851	--	--	--	--	--	--
%RSD	.4552680	--	--	--	--	--	--
#1	5736	--	--	--	--	--	--
#2	5773	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854776/(1:5) Operator: TWS
Run Time: 09/29/08 19:27:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02314	.00070	.07606	.01423	-.00000	15.648	.00008
SDev	.00391	.00022	.00103	.00001	.00001	.022	.00001
%RSD	16.904	31.887	1.3535	.06656	222.74	.14277	15.359
#1	.02038	.00086	.07679	.01424	-.00001	15.664	.00009
#2	.02591	.00054	.07534	.01423	.00000	15.632	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00009	.00021	.24833	1.3723	3.7324	.01068
SDev	.00052	.00019	.00010	.00251	.0128	.0159	.00001
%RSD	412.50	219.58	45.919	1.0092	.93071	.42714	.12652
#1	-.00024	.00022	.00027	.25011	1.3813	3.7437	.01068
#2	.00049	-.00005	.00014	.24656	1.3633	3.7212	.01069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	196.35	.00010	-.00185	.00152	.00040	-.00070	-.00112
SDev	.07	.00060	.00104	.00078	.00087	.00389	.00122
%RSD	.03436	566.65	56.101	51.325	216.44	557.85	109.04
#1	196.40	-.00032	-.00258	.00097	-.00021	-.00345	-.00026
#2	196.30	.00053	-.00112	.00208	.00101	.00205	-.00198
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00276	-.00243	.00068	-.00150	.00083	.00056	-.00152
SDev	.00077	.00545	.00003	.00288	.00059	.00001	.00148
%RSD	28.052	224.54	5.1004	191.20	70.603	.87840	97.838
#1	.00221	-.00628	.00065	.00053	.00042	.00056	-.00257
#2	.00331	.00143	.00070	-.00354	.00124	.00057	-.00047
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00005	.00054
SDev	.00049	.00140
%RSD	1045.8	257.76
#1	-.00030	-.00045
#2	.00040	.00153
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5694	--	--	--	--	--	--
SDev	23.75851	--	--	--	--	--	--
%RSD	.4172772	--	--	--	--	--	--
#1	5710	--	--	--	--	--	--
#2	5677	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855023/PB Operator: TWS
Run Time: 09/29/08 19:35:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01188	.00031	.00337	.00003	-.00010	.06271	.00018
SDev	.00244	.00044	.00001	.00000	.00006	.00127	.00005
%RSD	20.548	140.95	.37620	1.8878	58.248	2.0232	28.366
#1	.01016	.00063	.00336	.00003	-.00014	.06181	.00015
#2	.01361	.00000	.00338	.00003	-.00006	.06361	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	.00065	.00096	.00372	.03325	.00683	.00016
SDev	.00042	.00013	.00018	.01045	.00268	.00169	.00006
%RSD	9501.6	20.525	18.579	281.27	8.0701	24.709	38.970
#1	.00030	.00056	.00109	-.00367	.03135	.00564	.00021
#2	-.00030	.00074	.00084	.01111	.03514	.00802	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26465	-.00042	.00330	-.00127	.00025	.00065	-.00026
SDev	.07025	.00043	.00023	.00078	.00044	.00102	.00093
%RSD	26.545	102.60	7.1002	61.242	174.82	158.23	355.77
#1	.31433	-.00072	.00347	-.00182	-.00006	.00137	-.00092
#2	.21498	-.00011	.00314	-.00072	.00056	-.00008	.00040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00475	-.00140	.00020	.00228	.00011	.00215	-.00091
SDev	.00031	.00169	.00010	.00446	.00014	.00015	.00191
%RSD	6.5559	120.48	49.400	195.80	124.58	6.7773	208.89
#1	.00453	-.00021	.00013	.00543	.00001	.00205	-.00227
#2	.00497	-.00260	.00027	-.00088	.00021	.00225	.00044
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00044	.00053
SDev	.00011	.00175
%RSD	24.320	329.76
#1	-.00052	.00177
#2	-.00037	-.00071
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5741	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.2050671	--	--	--	--	--	--
#1	5733	--	--	--	--	--	--
#2	5750	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855022/FB Operator: TWS
Run Time: 09/29/08 19:40:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8441	.19749	.19553	.19819	.19436	9.8027	.19562
SDev	.0011	.00148	.00054	.00134	.00213	.0317	.00141
%RSD	.01162	.75002	.27839	.67683	1.0951	.32328	.72004
#1	9.8433	.19854	.19514	.19914	.19587	9.8251	.19661
#2	9.8449	.19644	.19591	.19724	.19286	9.7803	.19462
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19526	.19672	.19297	9.8239	9.9653	9.7983	.19483
SDev	.00070	.00074	.00049	.0530	.1745	.0912	.00181
%RSD	.35677	.37392	.25506	.53993	1.7514	.93043	.92976
#1	.19575	.19724	.19331	9.8614	10.089	9.8628	.19611
#2	.19477	.19620	.19262	9.7864	9.8419	9.7338	.19355
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8197	.19550	.19612	.19861	.19778	.19471	.19504
SDev	.0085	.00259	.00173	.00113	.00133	.00341	.00051
%RSD	.08642	1.3225	.88318	.57158	.67447	1.7504	.26307
#1	9.8137	.19733	.19734	.19941	.19872	.19712	.19540
#2	9.8257	.19367	.19489	.19780	.19683	.19230	.19467
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19324	.19546	.19493	.19642	.19405	.19795	.20048
SDev	.00577	.00223	.00054	.00409	.00037	.00309	.00053
%RSD	2.9870	1.1392	.27640	2.0845	.19104	1.5613	.26370
#1	.19732	.19703	.19532	.19352	.19431	.20013	.20010
#2	.18915	.19388	.19455	.19931	.19379	.19576	.20085
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04973	.19620
SDev	.00006	.00081
%RSD	.11090	.41292
#1	.04969	.19562
#2	.04977	.19677
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5749	--	--	--	--	--	--
SDev	15.27358	--	--	--	--	--	--
%RSD	.2656921	--	--	--	--	--	--
#1	5738	--	--	--	--	--	--
#2	5759	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855021/PB Operator: TWS
Run Time: 09/29/08 19:45:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00907	.00245	.00320	.00001	-.00033	.05371	.00025
SDev	.00269	.00189	.00058	.00002	.00000	.00060	.00021
%RSD	29.706	77.178	18.232	125.68	.98604	1.1127	85.122
#1	.01098	.00111	.00279	.00000	-.00033	.05329	.00010
#2	.00717	.00378	.00362	.00003	-.00033	.05414	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00014	.00045	.01756	.01772	-.00593	.00002
SDev	.00004	.00039	.00042	.01101	.00385	.00674	.00006
%RSD	17.013	273.41	91.893	62.708	21.751	113.63	266.62
#1	.00029	.00042	.00016	.00977	.02044	-.00117	-.00002
#2	.00023	-.00013	.00075	.02534	.01499	-.01070	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04077	.00003	-.00168	.00133	.00033	.00107	-.00380
SDev	.00575	.00047	.00081	.00020	.00040	.00020	.00041
%RSD	14.105	1872.0	48.146	14.896	123.00	19.098	10.656
#1	.03670	.00036	-.00225	.00119	.00004	.00093	-.00409
#2	.04483	-.00031	-.00111	.00147	.00061	.00122	-.00352
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	.00003	.00033	-.00230	.00030	.00207	-.00171
SDev	.00146	.00042	.00002	.00206	.00014	.00014	.00143
%RSD	46.199	1505.1	6.4636	89.592	46.794	6.8633	83.856
#1	.00213	.00033	.00031	-.00084	.00020	.00217	-.00272
#2	.00419	-.00027	.00034	-.00376	.00040	.00197	-.00070
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	-.00019
SDev	.00003	.00081
%RSD	9.7828	416.19
#1	-.00029	-.00076
#2	-.00025	.00038
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5912	--	--	--	--	--	--
SDev	10.39426	--	--	--	--	--	--
%RSD	.1758089	--	--	--	--	--	--
#1	5920	--	--	--	--	--	--
#2	5905	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 07:58:59 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 19:53:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.961	.48663	.48953	.49445	.49579	24.880	.49737
SDev	.082	.00322	.00002	.00165	.00192	.095	.00217
%RSD	.32788	.66154	.00476	.33307	.38715	.38321	.43647
#1	25.019	.48891	.48955	.49561	.49714	24.948	.49890
#2	24.903	.48436	.48952	.49328	.49443	24.813	.49583
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49126	.51142	.48378	24.707	24.408	24.943	.49812
SDev	.00153	.00156	.00144	.125	.102	.100	.00184
%RSD	.31035	.30500	.29722	.50675	.41969	.40105	.36956
#1	.49234	.51252	.48480	24.796	24.480	25.014	.49942
#2	.49018	.51032	.48277	24.619	24.335	24.873	.49682
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.392	.50306	.49697	.50252	.50067	.49822	.51022
SDev	.002	.00140	.00243	.00176	.00198	.00020	.00312
%RSD	.00969	.27772	.48942	.34918	.39553	.03933	.61218
#1	24.391	.50405	.49525	.50127	.49927	.49809	.50801
#2	24.394	.50208	.49869	.50376	.50207	.49836	.51243
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49124	.50172	.51549	.50508	.49379	.50551	.51108
SDev	.00483	.00212	.00181	.00181	.00186	.00230	.00175
%RSD	.98245	.42238	.35204	.35804	.37580	.45459	.34198
#1	.48783	.50322	.51677	.50636	.49510	.50713	.51231
#2	.49466	.50022	.51420	.50380	.49247	.50388	.50984
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50186	.49318
SDev	.00071	.00288
%RSD	.14187	.58506
#1	.50237	.49522
#2	.50136	.49114
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5696	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3277078	--	--	--	--	--	--
#1	5710	--	--	--	--	--	--
#2	5683	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 08:04:02 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 19:59:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00035	.00016	.00007	.00011	.00807	.00027
SDev	.00056	.00055	.00067	.00002	.00007	.00000	.00012
%RSD	18.204	158.37	411.36	24.911	58.514	.02568	44.126
#1	.00266	.00074	.00064	.00009	.00016	.00807	.00019
#2	.00344	-.00004	-.00031	.00006	.00007	.00806	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00038	.00122	.01240	.03052	.00465	.00014
SDev	.00003	.00006	.00026	.00878	.00840	.00110	.00003
%RSD	10.183	15.878	21.305	70.831	27.524	23.619	22.626
#1	.00028	.00043	.00140	.00619	.03646	.00387	.00017
#2	.00032	.00034	.00104	.01860	.02458	.00542	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25472	.00046	.00131	.00245	.00207	.00077	-.00076
SDev	.01580	.00005	.00172	.00074	.00008	.00061	.00047
%RSD	6.2048	11.913	131.28	30.116	3.8523	79.471	61.549
#1	.24354	.00049	.00252	.00193	.00213	.00034	-.00110
#2	.26590	.00042	.00009	.00297	.00201	.00120	-.00043
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00365	-.00067	.00044	.00184	.00084	.00196	-.00048
SDev	.00419	.00118	.00009	.00465	.00058	.00015	.00128
%RSD	114.73	175.35	19.960	252.84	69.078	7.3561	263.50
#1	.00069	.00016	.00038	.00513	.00043	.00186	.00042
#2	.00661	-.00150	.00050	-.00145	.00124	.00207	-.00139
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.00100
SDev	.00035	.00084
%RSD	258.66	84.027
#1	-.00038	.00160
#2	.00011	.00041
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	17.60723	--	--	--	--	--	--
%RSD	.3100984	--	--	--	--	--	--
#1	5666	--	--	--	--	--	--
#2	5690	--	--	--	--	--	--

Analysis Report 09/30/08 08:21:21 AM page 1

TestAmerica Buffalo Analyst: TWS

Primary Review: AH Date: 9/30/08 Secondary Review: TWS Date: 9/30/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	1092908	TRACE1	09/29/08	10:56		X	IR
2	STD 1 12-127-C	1092908	TRACE1	09/29/08	11:01		X	IR
3	STD 2 12-127-D	1092908	TRACE1	09/29/08	11:06		X	IR
4	STD 3 12-127-B	1092908	TRACE1	09/29/08	11:10		X	IR
5	STD 3 VER 1	1092908	TRACE1	09/29/08	11:15	TWS	B	CONC
6	ICV 12-125-E	1092908	TRACE1	09/29/08	11:20	TWS	Q	CONC
7	ICB 12-115-A	1092908	TRACE1	09/29/08	11:26	TWS	B	CONC
8	CRI 12-120-A	1092908	TRACE1	09/29/08	11:31	TWS	B	CONC
9	ICSA 12-124-B	1092908	TRACE1	09/29/08	11:36	TWS	Q	CONC
10	ICSAB 12-124-C	1092908	TRACE1	09/29/08	11:41	TWS	Q	CONC
11	CCV 12-119-F	1092908	TRACE1	09/29/08	11:49	TWS	Q	CONC
12	CCB 12-115-A	1092908	TRACE1	09/29/08	11:54	TWS	B	CONC
13	AD855036/PB	1092908	TRACE1	09/29/08	12:04	TWS	S	CONC
14	AD855035/FB B734	1092908	TRACE1	09/29/08	12:09	TWS	S	CONC
15	AD855024	1092908	TRACE1	09/29/08	12:14	TWS	S	CONC
16	AD855025	1092908	TRACE1	09/29/08	12:19	TWS	S	CONC
17	AD855026	1092908	TRACE1	09/29/08	12:24	TWS	S	CONC
18	AD855027 B738	1092908	TRACE1	09/29/08	12:29	TWS	S	CONC
19	AD855028	1092908	TRACE1	09/29/08	12:34	TWS	S	CONC
20	AD855029	1092908	TRACE1	09/29/08	12:39	TWS	S	CONC
21	AD855029/L (1:5)	1092908	TRACE1	09/29/08	12:44	TWS	S	CONC
22	AD855029/PS	1092908	TRACE1	09/29/08	12:49	TWS	S	CONC
23	CCV	1092908	TRACE1	09/29/08	12:57	TWS	Q	CONC
24	CCB	1092908	TRACE1	09/29/08	13:02	TWS	B	CONC
25	AD855030/MD	1092908	TRACE1	09/29/08	13:07	TWS	S	CONC
26	AD855031/MS	1092908	TRACE1	09/29/08	13:12	TWS	S	CONC
27	AD855032 B740	1092908	TRACE1	09/29/08	13:19	TWS	S	CONC
28	AD855033	1092908	TRACE1	09/29/08	13:24	TWS	S	CONC
29	AD855034 B742	1092908	TRACE1	09/29/08	13:30	TWS	S	CONC
30	AD855128/(1:5) B709	1092908	TRACE1	09/29/08	13:37	TWS	S	CONC
31	AD855265/PB	1092908	TRACE1	09/29/08	13:45	TWS	S	CONC
32	CRI	1092908	TRACE1	09/29/08	13:53	TWS	B	CONC
33	ICSA	1092908	TRACE1	09/29/08	13:58	TWS	Q	CONC
34	ICSAB	1092908	TRACE1	09/29/08	14:03	TWS	Q	CONC
35	CCV	1092908	TRACE1	09/29/08	14:11	TWS	Q	CONC
36	CCB	1092908	TRACE1	09/29/08	14:16	TWS	B	CONC
37	AD855264/FB B718	1092908	TRACE1	09/29/08	14:21	TWS	S	CONC
38	AD855253	1092908	TRACE1	09/29/08	14:26	TWS	S	CONC
39	AD855254 B751	1092908	TRACE1	09/29/08	14:31	TWS	S	CONC
40	AD855255	1092908	TRACE1	09/29/08	14:36	TWS	S	CONC
41	AD855256	1092908	TRACE1	09/29/08	14:41	TWS	S	CONC
42	AD855257 B754	1092908	TRACE1	09/29/08	14:46	TWS	S	CONC
43	AD855257/(1:5)	1092908	TRACE1	09/29/08	14:53	TWS	S	CONC
44	AD855258	1092908	TRACE1	09/29/08	14:58	TWS	S	CONC
45	AD855258/(1:20)	1092908	TRACE1	09/29/08	15:04	TWS	S	CONC
46	AD855260/(1:5) B757	1092908	TRACE1	09/29/08	15:09	TWS	S	CONC
47	CCV	1092908	TRACE1	09/29/08	15:17	TWS	Q	CONC
48	CCB	1092908	TRACE1	09/29/08	15:22	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD855459/PB	1092908	TRACE1	09/29/08	15:34	TWS	S	CONC
50	AD855458/LCS	1092908	TRACE1	09/29/08	15:39	TWS	S	CONC
51	AD855457/EBLK	1092908	TRACE1	09/29/08	15:44	TWS	S	CONC
52	AD855454 BS07	1092908	TRACE1	09/29/08	15:49	TWS	S	CONC
53	AD855454/L (1:5)	1092908	TRACE1	09/29/08	15:54	TWS	S	CONC
54	AD855454/PS	1092908	TRACE1	09/29/08	15:59	TWS	S	CONC
55	AD855455/MS	1092908	TRACE1	09/29/08	16:04	TWS	S	CONC
56	AD855456/SD	1092908	TRACE1	09/29/08	16:15	TWS	S	CONC
57	AD855453/PB	1092908	TRACE1	09/29/08	16:23	TWS	S	CONC
58	AD855452/LCS	1092908	TRACE1	09/29/08	16:28	TWS	S	CONC
59	CCV	1092908	TRACE1	09/29/08	16:36	TWS	Q	CONC
60	CCB	1092908	TRACE1	09/29/08	16:43	TWS	B	CONC
61	AD855451/EBLK BS07	1092908	TRACE1	09/29/08	16:48	TWS	S	CONC
62	AD855430	1092908	TRACE1	09/29/08	16:54	TWS	S	CONC
63	AD855431 BS10	1092908	TRACE1	09/29/08	16:59	TWS	S	CONC
64	AD855432	1092908	TRACE1	09/29/08	17:04	TWS	S	CONC
65	AD855433	1092908	TRACE1	09/29/08	17:09	TWS	S	CONC
66	AD855434	1092908	TRACE1	09/29/08	17:14	TWS	S	CONC
67	AD855435	1092908	TRACE1	09/29/08	17:19	TWS	S	CONC
68	AD855435/L (1:5)	1092908	TRACE1	09/29/08	17:24	TWS	S	CONC
69	AD855435/PS	1092908	TRACE1	09/29/08	17:29	TWS	S	CONC
70	AD855436/MS	1092908	TRACE1	09/29/08	17:34	TWS	S	CONC
71	CCV	1092908	TRACE1	09/29/08	17:42	TWS	Q	CONC
72	CCB	1092908	TRACE1	09/29/08	17:47	TWS	B	CONC
73	AD855437/SD	1092908	TRACE1	09/29/08	17:52	TWS	S	CONC
74	AD855438 BS74	1092908	TRACE1	09/29/08	17:57	TWS	S	CONC
75	AD855439	1092908	TRACE1	09/29/08	18:02	TWS	S	CONC
76	AD855440	1092908	TRACE1	09/29/08	18:07	TWS	S	CONC
77	AD855441	1092908	TRACE1	09/29/08	18:12	TWS	S	CONC
78	AD855442	1092908	TRACE1	09/29/08	18:17	TWS	S	CONC
79	AD855443 BS76	1092908	TRACE1	09/29/08	18:22	TWS	S	CONC
80	AD855444	1092908	TRACE1	09/29/08	18:27	TWS	S	CONC
81	AD855445	1092908	TRACE1	09/29/08	18:32	TWS	S	CONC
82	AD855446	1092908	TRACE1	09/29/08	18:37	TWS	S	CONC
83	CCV	1092908	TRACE1	09/29/08	18:45	TWS	Q	CONC
84	CCB	1092908	TRACE1	09/29/08	18:51	TWS	B	CONC
85	AD855447	1092908	TRACE1	09/29/08	18:56	TWS	S	CONC
86	AD855448	1092908	TRACE1	09/29/08	19:01	TWS	S	CONC
87	AD855449 BS77	1092908	TRACE1	09/29/08	19:06	TWS	S	CONC
88	AD855450	1092908	TRACE1	09/29/08	19:11	TWS	S	CONC
89	AD854774/(1:5) BL08	1092908	TRACE1	09/29/08	19:17	TWS	S	CONC
90	AD854775/(1:5)	1092908	TRACE1	09/29/08	19:22	TWS	S	CONC
91	AD854776/(1:5)	1092908	TRACE1	09/29/08	19:27	TWS	S	CONC
92	AD855023/PB	1092908	TRACE1	09/29/08	19:35	TWS	S	CONC
93	AD855022/FB	1092908	TRACE1	09/29/08	19:40	TWS	S	CONC
94	AD855021/PB	1092908	TRACE1	09/29/08	19:45	TWS	S	CONC
95	CCV	1092908	TRACE1	09/29/08	19:53	TWS	Q	CONC
96	CCB	1092908	TRACE1	09/29/08	19:59	TWS	B	CONC
97	STD BLK	1092908	TRACE1	09/29/08	20:16		X	IR
98	STD 1	1092908	TRACE1	09/29/08	20:21		X	IR
99	STD 2	1092908	TRACE1	09/29/08	20:25		X	IR
100	STD 3	1092908	TRACE1	09/29/08	20:30		X	IR
101	STD 3 VER	1092908	TRACE1	09/29/08	20:35	TWS	B	CONC
102	ICV	1092908	TRACE1	09/29/08	20:40	TWS	Q	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICB	1092908	TRACE1	09/29/08	20:45	TWS	B	CONC
104	CRI	1092908	TRACE1	09/29/08	20:50	TWS	B	CONC
105	ICSA	1092908	TRACE1	09/29/08	20:55	TWS	Q	CONC
106	ICSAB	1092908	TRACE1	09/29/08	21:00	TWS	Q	CONC
107	CCV	1092908	TRACE1	09/29/08	21:08	TWS	Q	CONC
108	CCB	1092908	TRACE1	09/29/08	21:13	TWS	B	CONC
109	AD855020/FB	1092908	TRACE1	09/29/08	21:18	TWS	S	CONC
110	AD855002 B625	1092908	TRACE1	09/29/08	21:24	TWS	S	CONC
111	AD855003	1092908	TRACE1	09/29/08	21:29	TWS	S	CONC
112	AD855004	1092908	TRACE1	09/29/08	21:34	TWS	S	CONC
113	AD855014 B711	1092908	TRACE1	09/29/08	21:39	TWS	S	CONC
114	AD855015	1092908	TRACE1	09/29/08	21:44	TWS	S	CONC
115	AD855015/(1:5)	1092908	TRACE1	09/29/08	21:50	TWS	S	CONC
116	AD855005 B706	1092908	TRACE1	09/29/08	21:55	TWS	S	CONC
117	AD855005/L (1:5)	1092908	TRACE1	09/29/08	22:00	TWS	S	CONC
118	AD855005/PS	1092908	TRACE1	09/29/08	22:05	TWS	S	CONC
119	CCV	1092908	TRACE1	09/29/08	22:13	TWS	Q	CONC
120	CCB	1092908	TRACE1	09/29/08	22:19	TWS	B	CONC
121	AD855006/MS	1092908	TRACE1	09/29/08	22:24	TWS	S	CONC
122	AD855007/SD	1092908	TRACE1	09/29/08	22:29	TWS	S	CONC
123	AD855008	1092908	TRACE1	09/29/08	22:34	TWS	S	CONC
124	AD855009	1092908	TRACE1	09/29/08	22:39	TWS	S	CONC
125	AD855010	1092908	TRACE1	09/29/08	22:44	TWS	S	CONC
126	AD855011	1092908	TRACE1	09/29/08	22:49	TWS	S	CONC
127	AD855012	1092908	TRACE1	09/29/08	22:54	TWS	S	CONC
128	AD855013	1092908	TRACE1	09/29/08	22:59	TWS	S	CONC
129	AD855018 B727	1092908	TRACE1	09/29/08	23:04	TWS	S	CONC
130	AD855019	1092908	TRACE1	09/29/08	23:09	TWS	S	CONC
131	CCV	1092908	TRACE1	09/29/08	23:17	TWS	Q	CONC
132	CCB	1092908	TRACE1	09/29/08	23:22	TWS	B	CONC
133	AD855522/PB	1092908	TRACE1	09/29/08	23:27	TWS	S	CONC
134	AD855521/FB	1092908	TRACE1	09/29/08	23:32	TWS	S	CONC
135	AD855504 B761	1092908	TRACE1	09/29/08	23:37	TWS	S	CONC
136	AD855505	1092908	TRACE1	09/29/08	23:43	TWS	S	CONC
137	AD855511 B805	1092908	TRACE1	09/29/08	23:48	TWS	S	CONC
138	AD855512	1092908	TRACE1	09/29/08	23:53	TWS	S	CONC
139	AD855513	1092908	TRACE1	09/29/08	23:58	TWS	S	CONC
140	AD855514 B892	1092908	TRACE1	09/30/08	00:03	TWS	S	CONC
141	AD855515	1092908	TRACE1	09/30/08	00:08	TWS	S	CONC
142	AD855516	1092908	TRACE1	09/30/08	00:13	TWS	S	CONC
143	CCV	1092908	TRACE1	09/30/08	00:21	TWS	Q	CONC
144	CCB	1092908	TRACE1	09/30/08	00:26	TWS	B	CONC
145	AD855516/L (1:5)	1092908	TRACE1	09/30/08	00:31	TWS	S	CONC
146	AD855516/PS	1092908	TRACE1	09/30/08	00:36	TWS	S	CONC
147	AD855517/MS	1092908	TRACE1	09/30/08	00:41	TWS	S	CONC
148	AD855518/SD	1092908	TRACE1	09/30/08	00:46	TWS	S	CONC
149	AD855519	1092908	TRACE1	09/30/08	00:53	TWS	S	CONC
150	AD855520	1092908	TRACE1	09/30/08	00:58	TWS	S	CONC
151	AD855503/PB	1092908	TRACE1	09/30/08	01:06	TWS	S	CONC
152	AD855502/FB	1092908	TRACE1	09/30/08	01:11	TWS	S	CONC
153	AD855484 B891	1092908	TRACE1	09/30/08	01:16	TWS	S	CONC
154	AD855485	1092908	TRACE1	09/30/08	01:21	TWS	S	CONC
155	CCV	1092908	TRACE1	09/30/08	01:29	TWS	Q	CONC
156	CCB	1092908	TRACE1	09/30/08	01:34	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD855486	1092908	TRACE1	09/30/08	01:39	TWS	S	CONC
158	AD855486/L (1:5)	1092908	TRACE1	09/30/08	01:45	TWS	S	CONC
159	AD855486/PS	1092908	TRACE1	09/30/08	01:50	TWS	S	CONC
160	AD855487/MS	1092908	TRACE1	09/30/08	01:55	TWS	S	CONC
161	AD855488/SD	1092908	TRACE1	09/30/08	02:00	TWS	S	CONC
162	AD855489	1092908	TRACE1	09/30/08	02:05	TWS	S	CONC
163	AD855490	1092908	TRACE1	09/30/08	02:10	TWS	S	CONC
164	AD855491	1092908	TRACE1	09/30/08	02:15	TWS	S	CONC
165	AD855492 B893	1092908	TRACE1	09/30/08	02:20	TWS	S	CONC
166	AD855493	1092908	TRACE1	09/30/08	02:25	TWS	S	CONC
167	CCV	1092908	TRACE1	09/30/08	02:33	TWS	Q	CONC
168	CCB	1092908	TRACE1	09/30/08	02:38	TWS	B	CONC
169	AD855494	1092908	TRACE1	09/30/08	02:43	TWS	S	CONC
170	AD855495	1092908	TRACE1	09/30/08	02:48	TWS	S	CONC
171	AD855496	1092908	TRACE1	09/30/08	02:54	TWS	S	CONC
172	AD855497	1092908	TRACE1	09/30/08	02:59	TWS	S	CONC
173	AD855498	1092908	TRACE1	09/30/08	03:04	TWS	S	CONC
174	AD855499	1092908	TRACE1	09/30/08	03:09	TWS	S	CONC
175	AD855500	1092908	TRACE1	09/30/08	03:14	TWS	S	CONC
176	AD855501	1092908	TRACE1	09/30/08	03:19	TWS	S	CONC
177	AD855483/PB	1092908	TRACE1	09/30/08	03:27	TWS	S	CONC
178	AD855482/FB	1092908	TRACE1	09/30/08	03:32	TWS	S	CONC
179	CCV	1092908	TRACE1	09/30/08	03:40	TWS	Q	CONC
180	CCB	1092908	TRACE1	09/30/08	03:45	TWS	B	CONC
181	STD BLK	1092908	TRACE1	09/30/08	04:02		X	IR
182	STD 1	1092908	TRACE1	09/30/08	04:07		X	IR
183	STD 2	1092908	TRACE1	09/30/08	04:12		X	IR
184	STD 3	1092908	TRACE1	09/30/08	04:17		X	IR
185	STD 3 VER	1092908	TRACE1	09/30/08	04:22	TWS	B	CONC
186	ICV	1092908	TRACE1	09/30/08	04:27	TWS	Q	CONC
187	ICB	1092908	TRACE1	09/30/08	04:32	TWS	B	CONC
188	CRI	1092908	TRACE1	09/30/08	04:37	TWS	B	CONC
189	ICSA	1092908	TRACE1	09/30/08	04:42	TWS	Q	CONC
190	ICSAB	1092908	TRACE1	09/30/08	04:47	TWS	Q	CONC
191	CCV	1092908	TRACE1	09/30/08	04:55	TWS	Q	CONC
192	CCB	1092908	TRACE1	09/30/08	05:00	TWS	B	CONC
193	A8B47204/SOL	1092908	TRACE1	09/30/08	05:07	TWS	S	CONC
194	AD855460 B886	1092908	TRACE1	09/30/08	05:13	TWS	S	CONC
195	AD855461	1092908	TRACE1	09/30/08	05:18	TWS	S	CONC
196	AD855462	1092908	TRACE1	09/30/08	05:23	TWS	S	CONC
197	AD855462/L (1:5)	1092908	TRACE1	09/30/08	05:29	TWS	S	CONC
198	AD855462/PS	1092908	TRACE1	09/30/08	05:34	TWS	S	CONC
199	AD855463/MS	1092908	TRACE1	09/30/08	05:39	TWS	S	CONC
200	AD855464/SD	1092908	TRACE1	09/30/08	05:44	TWS	S	CONC
201	AD855465	1092908	TRACE1	09/30/08	05:49	TWS	S	CONC
202	AD855466	1092908	TRACE1	09/30/08	05:54	TWS	S	CONC
203	AD855467	1092908	TRACE1	09/30/08	05:59	TWS	S	CONC
204	CCV	1092908	TRACE1	09/30/08	06:07	TWS	Q	CONC
205	CCB	1092908	TRACE1	09/30/08	06:12	TWS	B	CONC
206	AD855468	1092908	TRACE1	09/30/08	06:17	TWS	S	CONC
207	AD855469	1092908	TRACE1	09/30/08	06:22	TWS	S	CONC
208	AD855470	1092908	TRACE1	09/30/08	06:27	TWS	S	CONC
209	AD855471	1092908	TRACE1	09/30/08	06:32	TWS	S	CONC
210	AD855472	1092908	TRACE1	09/30/08	06:38	TWS	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD855473	1092908	TRACE1	09/30/08	06:43	TWS	S	CONC
212	AD855474	1092908	TRACE1	09/30/08	06:48	TWS	S	CONC
213	AD855475	1092908	TRACE1	09/30/08	06:53	TWS	S	CONC
214	AD855476	1092908	TRACE1	09/30/08	06:58	TWS	S	CONC
215	AD855477	1092908	TRACE1	09/30/08	07:03	TWS	S	CONC
216	CCV	1092908	TRACE1	09/30/08	07:11	TWS	Q	CONC
217	CCB	1092908	TRACE1	09/30/08	07:16	TWS	B	CONC
218	AD855478	1092908	TRACE1	09/30/08	07:21	TWS	S	CONC
219	AD855479	1092908	TRACE1	09/30/08	07:26	TWS	S	CONC
220	AD855480	1092908	TRACE1	09/30/08	07:31	TWS	S	CONC
221	AD855481	1092908	TRACE1	09/30/08	07:36	TWS	S	CONC
222	AD854903/(1:5)	1092908	TRACE1	09/30/08	07:41	TWS	S	CONC
223	AD854904/(1:5)	1092908	TRACE1	09/30/08	07:47	TWS	S	CONC
224	AD854905/(1:10)	1092908	TRACE1	09/30/08	07:52	TWS	S	CONC
225	CCV	1092908	TRACE1	09/30/08	08:00	TWS	Q	CONC
226	CCB	1092908	TRACE1	09/30/08	08:05	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.12519	4.34212	21.4443	42.5944	50.638	18.782
2	As1890	.08773	1.25329	5.9305	11.4546	.98925	.36952
3	B_2496	.02163	.42054	2.03037	4.00187	1.0038	.36967
4	Ba4934	.00188	.70737	3.59379	7.07042	1.0048	.37334
5	Be3130	.11485	1.58471	7.6302	14.7223	.99342	.37376
6	Ca3179	.03438			40.9802	49.971	18.755
7	Cd2265	.00197	1.86322	9.38725	18.3446	.98938	.37553
8	Co2286	-.0047	.80722	4.12768	8.10141	.99896	.37017
9	Cr2677	.00172	.6353	3.22901	6.31058	.99931	.38406
10	Cu3247	.00633	.49629	2.47872	4.92832	1.0099	.36468
11	Fe2714	-.00085	.70283	3.58745	7.01221	49.876	18.637
12	K_7664	-.31763			156.917	49.882	18.828
13	Mg2790	.00897			21.2043	49.870	18.753
14	Mn2576	.00076	.38848	1.97029	3.87156	.99805	.37788
15	Na3302	.00434			2.36965	50.319	18.308
16	Ni2316	-.01002	.62606	3.2507	6.33751	.99540	.37940
17	2203/1	.01214	.52914	2.62339	5.09415	.99115	.37691
18	2203/2	-.02407	2.7804	14.1943	27.9448	.99416	.38054
19	Sb2068	.00522	.17979	.92866	1.84419	1.0217	.38995
20	1960/1	-.06544	.33533	1.87043	3.68336	.96631	.37399
21	1960/2	.05261	.49953	2.33173	4.55926	.99266	.38029
22	Ti3372	-.00332	1.12045	5.69334	11.2773	1.0065	.38775
23	Tl1908	-.01847	.31504	1.72876	3.42186	1.0090	.38165
24	V_2924	.00017	.08506	.43343	.85716	1.0086	.37160
25	Zn2062	.0006	.08173	.41543	.80638	.99097	.38277
26	Sn1899	-.00094	.05651	.29458	.57708	1.0011	.38790
27	Ag3280	-.03898	.60468	3.21788	6.45959	1.0143	.37551
28	Mo2020	.00119	.26846	1.34941	2.65301	.99694	.37521
29	*Y	5846.78	5848.5	5833.65	5809.28	5750.93	5887.35
30	PB2203					.99315	.37933
31	SE1960					.98387	.37819

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00502	.20743	528.72	534.20	25.015	.03283
2	As1890	.00201	.01226	.00193	.11467	.48189	.00162
3	B_2496	.00109	.02131	.00124	.00726	.48478	-.00014
4	Ba4934	.00002	.00199	.00056	.53484	.49174	-.00001
5	Be3130	-.00008	.00175	.00054	.49812	.48872	.00002
6	Ca3179	.00469	.48479	530.68	532.82	24.874	.02711
7	Cd2265	.00035	.00124	-.00018	1.0128	.49091	.00014
8	Co2286	-.00019	.00414	-.00059	.49700	.48482	-.00001
9	Cr2677	.00016	.00444	-.00044	.52025	.50607	-.00004
10	Cu3247	.00062	.00987	-.00056	.53151	.48432	.00000
11	Fe2714	-.00269	.05113	202.71	101.09	24.465	.00738
12	K_7664	.01916	.49646	.04885	.04023	24.439	.00219
13	Mg2790	.00066	.19684	521.18	515.58	24.568	.02559
14	Mn2576	.00012	.00298	.00027	.50201	.49476	.00002
15	Na3302	.13713	1.0619	.23489	.09014	24.405	-.01176
16	Ni2316	-.00069	.00929	.00053	.98354	.49556	-.00025
17	2203/1	.00184	.00523	.02605	.07004	.49484	-.00102
18	2203/2	-.00100	.00564	-.01476	.03643	.49624	.00152

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00132	.01585	.00153	.67508	.51068	-.00164
20	1960/1	.00513	.01509	-.00386	.05352	.48489	.00081
21	1960/2	-.00049	.01317	-.00394	.05500	.49606	-.00294
22	Ti3372	.00012	.00517	.00002	.00155	.51163	-.00017
23	Tl1908	.00010	.01891	-.00410	.09947	.50026	-.00180
24	V_2924	.00010	.00548	.00092	.52903	.48975	.00010
25	Zn2062	.00029	.01117	-.00242	.98750	.49754	.00071
26	Sn1899	-.00225	.00609	.00397	.00001	.50526	-.00242
27	Ag3280	.00024	.00289	.00034	.22380	.49923	-.00011
28	Mo2020	.00105	.00891	-.00066	-.00069	.48987	.00087
29	*Y	5964.9	5967.15	5436.68	5389.42	5852.78	5933.78
30	PB2203	-.00005	.00550	-.00117	.04762	.49577	.00067
31	SE1960	.00138	.01381	-.00391	.05451	.49233	-.00169

#	Element	AD8'6/PB	AD8'5/FB	AD855024	AD855025	AD855026	AD855027
1	Al3082	.03570	10.428	.49449	1.0372	.01900	.45158
2	As1890	.00174	.21521	.01077	.00129	.00645	.00835
3	B_2496	.00135	.20585	2.1287	.07967	.14420	2.5187
4	Ba4934	.00000	.20591	.38358	.04204	.24569	.09190
5	Be3130	.00003	.20464	.00029	.00099	.00028	.00068
6	Ca3179	.05547	10.310	204.37	75.774	140.29	251.66
7	Cd2265	.00014	.20688	-.00006	.01205	-.00010	.00024
8	Co2286	.00043	.20600	.00107	.03956	.00300	.00175
9	Cr2677	.00051	.20537	.00993	.00116	.00231	.00505
10	Cu3247	.00086	.20041	.00274	.22152	.00082	.00740
11	Fe2714	.01949	10.326	15.422	1.2669	4.9695	1.3176
12	K_7664	.01516	10.595	34.026	5.3556	1.6668	289.46
13	Mg2790	.01791	10.320	67.096	10.305	37.598	678.88
14	Mn2576	.00002	.20449	5.1779	2.2846	.43251	.24737
15	Na3302	.07784	10.326	96.729	16.995	30.101	H2636.5
16	Ni2316	.00117	.20739	.00932	.20252	.00336	.00771
17	2203/1	-.00002	.20779	.00140	.02484	-.00123	.00461
18	2203/2	.00096	.20895	.00308	.02848	-.00124	.00956
19	Sb2068	-.00135	.21044	-.00119	-.00156	-.00509	-.00158
20	1960/1	.00977	.21862	.00953	.00811	.00630	.00851
21	1960/2	-.00849	.21309	-.00386	-.00361	-.00441	-.00616
22	Ti3372	-.00005	.20346	.02543	.00031	.00023	.01877
23	Tl1908	.00359	.20991	.00330	.00155	.00307	.00257
24	V_2924	-.00009	.20318	.00169	.00008	.00042	.00792
25	Zn2062	.00116	.20598	.04021	6.1891	.00618	.07263
26	Sn1899	-.00087	.21499	.00025	.00259	.00219	.00097
27	Ag3280	.00000	.05256	.00011	.00016	-.00012	.00020
28	Mo2020	-.00131	.20076	.00106	-.00063	-.00108	.00327
29	*Y	5827.42	5857.2	5747.4	5797.88	5640.45	5228.1
30	PB2203	.00063	.20856	.00252	.02727	-.00124	.00791
31	SE1960	-.00240	.21493	.00060	.00029	-.00084	-.00127

#	Element	AD855028	AD855029	AD8'1:5)	AD8'9/PS	CCV	CCB
1	Al3082	.38899	1.4647	.36432	12.794	25.094	.01695
2	As1890	.00830	.00839	.00400	.22322	.48561	.00269
3	B_2496	2.6449	.15542	.03383	.37074	.48677	.00150
4	Ba4934	.07937	.16840	.03121	.38318	.49122	.00007
5	Be3130	.00071	.00031	-.00013	.20981	.49139	.00010
6	Ca3179	260.55	128.45	23.447	136.85	24.936	.02657
7	Cd2265	.00020	.00024	.00027	.20800	.49113	.00037
8	Co2286	.00114	.00595	.00075	.21341	.48889	-.00031
9	Cr2677	.00508	.00333	.00100	.21187	.50930	.00015
10	Cu3247	.00761	.01484	.00318	.22081	.48447	.00096
11	Fe2714	1.1539	21.122	3.9248	31.408	24.587	.00743
12	K_7664	299.01	5.5384	1.0319	16.930	24.096	.02204
13	Mg2790	703.67	17.750	3.2778	28.027	24.618	.02214
14	Mn2576	.21325	3.0235	.56424	3.1888	.49423	.00018
15	Na3302	H2705.9	26.496	5.0096	36.468	24.360	.15767
16	Ni2316	.00829	.01066	.00163	.21815	.49934	-.00034
17	2203/1	.00630	.00903	.00630	.21336	.49542	.00173
18	2203/2	.00931	.01374	.00171	.21882	.50024	.00156
19	Sb2068	-.00418	-.00269	-.00056	.21483	.50772	-.00295
20	1960/1	.01330	.00523	.00822	.22411	.48891	.00680
21	1960/2	-.00150	-.00220	-.00294	.22353	.50170	-.00230
22	Ti3372	.01528	.05151	.01697	.28647	.51340	-.00001
23	Tl1908	.00193	.00442	.00244	.21422	.50342	-.00072
24	V_2924	.00644	.00754	.00147	.21655	.49278	-.00008
25	Zn2062	.08319	.07850	.01559	.28263	.49968	.00043
26	Sn1899	.00134	.00266	-.00079	.17701	.50955	-.00181
27	Ag3280	.00037	.00020	-.00023	.05308	.50291	.00017
28	Mo2020	.00434	.00068	.00073	.20733	.48911	.00095
29	*Y	5168.55	5673.83	5950.8	5703.75	5718.6	5750.55
30	PB2203	.00831	.01217	.00324	.21701	.49863	.00161
31	SE1960	.00342	.00027	.00077	.22372	.49743	.00073

#	Element	AD8'0/MD	AD8'1/MS	AD855032	AD855033	AD855034	AD8'1:5)
1	Al3082	8.7345	5.0004	.00378	17.070	.01304	.00413
2	As1890	.02250	.05282	.00157	.02948	.00085	.00468
3	B_2496	.17617	.15700	.00065	.21782	.00070	.08082
4	Ba4934	.31017	2.2403	.00028	.67658	.00010	.01252
5	Be3130	.00079	.05162	.00009	.00131	.00018	.00007
6	Ca3179	139.24	129.54	.07505	188.83	.04719	18.104
7	Cd2265	.00176	.05124	.00007	.00663	-.00001	.00017
8	Co2286	.01641	.51868	-.00009	.02402	.00047	.00045
9	Cr2677	.01812	.21527	.00004	.03231	-.00015	.00054
10	Cu3247	.09020	.28553	.00058	.24044	.00063	.00152
11	Fe2714	57.322	29.785	-.00002	68.855	.00618	.23684
12	K_7664	7.0579	5.7684	.00138	15.602	.00553	2.3176
13	Mg2790	20.341	18.285	.00250	28.767	.00038	12.558
14	Mn2576	3.2108	3.5279	.00057	7.8176	.00090	.29574
15	Na3302	27.403	26.255	.00951	62.485	.14572	195.32
16	Ni2316	.03268	.53554	.00101	.07861	.00035	-.00029
17	2203/1	.06222	.04146	-.00157	.21712	-.00182	.00330
18	2203/2	.06470	.04497	.00050	.22171	.00044	-.00130

#	Element	AD8'0/MD	AD8'1/MS	AD855032	AD855033	AD855034	AD8'1:5)
19	Sb2068	-.00210	.10247	-.00258	.00333	-.00422	-.00345
20	1960/1	.01230	.05686	.00859	.01686	.00935	.00172
21	1960/2	.00079	.05134	-.00257	-.00534	-.00681	-.00054
22	Ti3372	.37580	.10015	-.00019	.45388	-.00025	.00042
23	Tl1908	.00408	.05509	-.00042	.00519	.00238	.00025
24	V_2924	.04048	.52997	-.00009	.05558	.00031	.00061
25	Zn2062	.47348	.65599	.00088	3.3197	.00270	.00130
26	Sn1899	.00569	.21294	.00043	.03057	.00118	-.00120
27	Ag3280	.00036	.05214	-.00050	.00075	.00032	-.00051
28	Mo2020	.00271	.00187	-.00146	.00313	-.00129	-.00007
29	*Y	5735.48	5699.85	5694.38	5671.58	5707.5	5736.67
30	PB2203	.06388	.04380	-.00018	.22018	-.00031	.00022
31	SE1960	.00463	.05318	.00114	.00205	-.00142	.00021

#	Element	AD8'5/PB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01744	.19406	533.15	539.69	25.152	.02968
2	As1890	.00005	.01106	.00277	.11449	.49044	.00189
3	B_2496	.00389	.02008	.00187	.00612	.48994	.00120
4	Ba4934	-.00002	.00195	.00063	.54244	.49723	.00005
5	Be3130	-.00021	.00184	.00071	.51206	.49985	.00022
6	Ca3179	.06381	.48629	540.61	541.62	25.076	.03145
7	Cd2265	-.00007	.00112	.00009	1.0283	.49384	.00012
8	Co2286	-.00005	.00383	.00013	.50634	.49285	-.00005
9	Cr2677	.00003	.00407	-.00037	.52828	.51282	.00068
10	Cu3247	.00040	.01040	-.00042	.53915	.48871	.00045
11	Fe2714	.00261	.05541	206.35	102.78	24.775	.01657
12	K_7664	.01001	.48494	.03902	.02075	24.702	.01769
13	Mg2790	-.00383	.19547	533.64	527.08	24.980	.03188
14	Mn2576	.00004	.00300	.00048	.51129	.50160	.00011
15	Na3302	.06315	1.0684	.04877	.08366	24.754	.14634
16	Ni2316	.00002	.00953	.00104	1.0002	.50276	-.00064
17	2203/1	.00148	.00659	.02476	.07584	.50064	-.00014
18	2203/2	.00106	.00518	-.01495	.04144	.50241	.00106
19	Sb2068	.00095	.01690	.00038	.67333	.50624	-.00276
20	1960/1	.00636	.01683	.00655	.04479	.49396	.00439
21	1960/2	-.00269	.00971	-.00567	.05096	.50121	-.00301
22	Ti3372	.00016	.00477	-.00003	.00176	.51693	.00019
23	Tl1908	-.00311	.01811	-.00184	.09672	.49985	.00177
24	V_2924	.00020	.00493	.00035	.53633	.49469	.00021
25	Zn2062	.00163	.01086	-.00216	1.0135	.50631	.00064
26	Sn1899	-.00053	.00784	.00467	.00209	.51072	-.00163
27	Ag3280	-.00006	.00270	.00044	.22700	.50593	-.00036
28	Mo2020	.00027	.00917	-.00265	-.00085	.49625	.00168
29	*Y	5944.88	5808.83	5271.08	5205.67	5680.05	5786.48
30	PB2203	.00120	.00565	-.00172	.05290	.50182	.00066
31	SE1960	.00032	.01209	-.00159	.04891	.49879	-.00054

#	Element	AD8'4/FB	AD855253	AD855254	AD855255	AD855256	AD855257
1	Al3082	9.7732	.22057	.12285	2.2055	3.0437	.13294
2	As1890	.19874	.00209	.00491	.00644	.01273	.00379
3	B_2496	.19369	.06311	.49974	.13536	.07708	2.3005
4	Ba4934	.19479	.03746	.05454	.11402	.10543	.99467
5	Be3130	.19339	-.00012	-.00018	.00000	-.00019	.00017
6	Ca3179	9.8493	53.454	48.146	60.105	25.694	230.82
7	Cd2265	.19602	.00089	.00028	.00016	.00007	.00003
8	Co2286	.19592	.00024	.00035	.00100	.00144	.00624
9	Cr2677	.19588	.00595	.00070	.00266	.00367	.00784
10	Cu3247	.19211	.02032	.00164	.00727	.00618	.00017
11	Fe2714	9.7983	.43298	.64825	1.9279	3.1231	9.1388
12	K_7664	9.7701	3.8709	7.3807	6.0639	7.2669	101.16
13	Mg2790	9.7340	12.844	12.467	15.968	10.198	91.248
14	Mn2576	.19386	.04406	.16194	.09145	.12606	1.1804
15	Na3302	9.7952	44.107	29.528	17.063	3.7297	H537.23
16	Ni2316	.19555	.00203	.00344	.00581	.00645	.03254
17	2203/1	.19530	.01845	.00128	.01270	.00208	-.00084
18	2203/2	.19847	.01837	-.00028	.00983	.00444	.00164
19	Sb2068	.19786	.00469	.00328	.02507	.00142	-.00348
20	1960/1	.18831	.00546	.00232	.00614	.00197	.00594
21	1960/2	.19451	-.00135	-.00379	-.00439	.00109	-.00102
22	Ti3372	.19458	.00800	.00346	.06132	.10004	.00243
23	Tl1908	.19700	.00290	.00131	-.00053	.00140	.00072
24	V_2924	.19452	.00559	.00069	.00500	.00744	.00783
25	Zn2062	.19705	.18266	.00366	.01227	.01182	.00585
26	Sn1899	.20160	.01076	.00008	.00002	-.00094	.00362
27	Ag3280	.05020	-.00008	-.00020	-.00028	-.00144	-.00015
28	Mo2020	.19434	.01162	.00348	.02248	.00765	.00139
29	*Y	5914.05	5848.8	5858.85	5898.23	5875.5	5602.35
30	PB2203	.19742	.01840	.00023	.01079	.00365	.00081
31	SE1960	.19244	.00091	-.00175	-.00087	.00138	.00130

#	Element	AD8'1:5)	AD855258	AD8':20)	AD8'1:5)	CCV	CCB
1	Al3082	.03247	.48365	.03383	.01933	25.153	.03288
2	As1890	.00353	.34272	.01621	.00237	.48945	.00348
3	B_2496	.44955	3.6865	.17738	.04589	.48859	.00065
4	Ba4934	.19770	.05654	.00269	.29001	.49217	.00013
5	Be3130	.00008	.00079	-.00006	-.00009	.49323	.00017
6	Ca3179	46.667	154.34	7.4508	17.190	25.059	.03806
7	Cd2265	.00009	.00044	.00004	.00006	.49508	.00037
8	Co2286	.00122	.03396	.00117	.00005	.49058	.00011
9	Cr2677	.00206	.04540	.00259	.00129	.51238	.00019
10	Cu3247	.00039	.04818	.00238	.00747	.48465	.00073
11	Fe2714	1.8560	4.4344	.21575	.09860	24.779	.02220
12	K_7664	19.506	187.49	7.0879	4.8450	23.966	.03560
13	Mg2790	18.344	159.32	7.6088	8.7778	24.801	.03049
14	Mn2576	.24065	1.4052	.06718	.00609	.49631	.00025
15	Na3302	117.70	H1850.6	146.23	118.43	24.448	.22745
16	Ni2316	.00679	1.0025	.04997	.00811	.50387	.00012
17	2203/1	.00147	.02453	.00349	.00242	.49919	.00324
18	2203/2	.00052	.02204	.00212	.00320	.50264	.00073

#	Element	AD8'1:5)	AD855258	AD8':20)	AD8'1:5)	CCV	CCB
19	Sb2068	-.00573	.02048	-.00234	.00009	.51457	-.00092
20	1960/1	.00631	.01114	.00278	.00078	.49390	.00298
21	1960/2	-.00023	.00701	-.00262	-.00601	.50098	-.00083
22	Ti3372	.00044	.02126	.00078	.00046	.51562	.00010
23	Tl1908	-.00060	-.00344	-.00060	.00038	.50206	.00343
24	V_2924	.00158	.08422	.00379	.00112	.49523	.00052
25	Zn2062	.00141	1.3162	.06362	.09755	.50326	.00033
26	Sn1899	.00099	.01338	-.00045	-.00186	.51471	-.00106
27	Ag3280	.00001	.00019	-.00059	-.00039	.50316	-.00009
28	Mo2020	.00068	.31089	.01363	.00354	.49182	.00082
29	*Y	5772.98	5167.2	5720.62	5746.28	5696.25	5735.85
30	PB2203	.00084	.02287	.00258	.00294	.50149	.00157
31	SE1960	.00195	.00839	-.00082	-.00375	.49862	.00043

#	Element	AD8'9/PB	AD8'/LCS	AD8'EBLK	AD855454	AD8'1:5)	AD8'4/PS
1	Al3082	.00042	.02796	.02581	.39727	.08720	.40101
2	As1890	.00298	1.0088	.00304	.00472	.00119	1.0607
3	B_2496	.00114	.10625	H.10454	.68170	.13215	.67899
4	Ba4934	-.00005	1.0167	H.03036	.95044	.18540	1.9669
5	Be3130	-.00012	.96269	.00023	.00100	.00034	1.0010
6	Ca3179	.02884	.68828	H.68121	281.44	55.683	281.60
7	Cd2265	.00001	1.0222	.00000	.00154	.00034	1.0368
8	Co2286	.00019	.95333	.00025	.02789	.00582	1.0019
9	Cr2677	.00007	.99775	.00183	.00418	.00116	1.0368
10	Cu3247	.00064	1.0137	.00176	.00753	.00161	1.0177
11	Fe2714	.00139	.09734	.02290	3.2633	.65846	3.3641
12	K_7664	.02206	1.1577	H1.1569	9.4127	1.4096	9.3203
13	Mg2790	-.00010	.16230	.16774	21.611	4.3404	21.543
14	Mn2576	.00011	.99459	.00111	6.3297	1.2740	7.2870
15	Na3302	.11192	1209.9	H1213.9	H1252.7	322.13	H1241.0
16	Ni2316	-.00037	1.0069	.00088	.02951	.00588	1.0465
17	2203/1	.00318	.94846	.00046	.01189	.00404	1.0267
18	2203/2	-.00041	.96241	-.00003	.00979	.00388	1.0397
19	Sb2068	.00121	.94199	-.00256	.00042	-.00199	1.0843
20	1960/1	.00483	1.0165	.00149	.01340	.00010	1.0500
21	1960/2	-.00184	1.0465	.00083	-.00127	-.00031	1.0838
22	Ti3372	-.00028	-.00031	.00040	.00146	.00007	.00165
23	Tl1908	.00061	1.0147	.00049	.00011	.00029	1.0536
24	V_2924	-.00009	1.0117	.00044	.00006	.00000	1.0528
25	Zn2062	.00207	1.0456	H.02201	.06747	.01385	1.1039
26	Sn1899	-.00157	.00131	.00049	.00123	-.00085	.00223
27	Ag3280	-.00035	.99929	-.00010	-.00040	-.00012	1.0937
28	Mo2020	-.00013	.97585	.00176	.00120	.00075	1.0306
29	*Y	5899.58	5516.03	5493.3	5320.73	5673.53	5372.7
30	PB2203	.00078	.95776	.00013	.01049	.00394	1.0354
31	SE1960	.00038	1.0365	.00105	.00361	-.00017	1.0725

#	Element	AD8'5/MS	AD8'6/SD	AD8'3/PB	AD8'/LCS	CCV	CCB
1	Al3082	.38450	.39353	.00131	.02961	25.190	.01492
2	As1890	1.0095	1.0317	.00135	1.0071	.48457	.00058
3	B_2496	.68113	.69361	.00134	.09217	.48437	.00065
4	Ba4934	1.9429	1.9859	.00016	1.0080	.49514	.00007
5	Be3130	.96588	.98474	-.00013	.96395	.49206	.00019
6	Ca3179	279.52	285.25	.04908	.80119	24.862	.01780
7	Cd2265	.99330	1.0099	.00007	1.0155	.48753	.00016
8	Co2286	.96342	.98310	.00006	.95081	.48776	.00018
9	Cr2677	.99570	1.0164	.00049	.99522	.50971	.00045
10	Cu3247	1.0379	1.0651	.00053	1.0151	.48647	.00080
11	Fe2714	3.3326	3.4017	.00558	.09730	24.601	.01355
12	K_7664	9.5342	9.6483	.02000	1.1708	23.962	.03198
13	Mg2790	21.575	21.968	-.00150	.17647	24.801	.01704
14	Mn2576	7.2649	7.3916	.00075	.99351	.49402	.00005
15	Na3302	H1248.9	H1268.9	.31180	1134.2	24.617	.20314
16	Ni2316	1.0106	1.0285	.00028	1.0016	.49917	.00010
17	2203/1	.95040	.96358	.00006	.94769	.49326	.00177
18	2203/2	.96349	.98355	.00043	.96286	.49983	-.00121
19	Sb2068	.95131	.96349	-.00239	.93837	.50935	-.00112
20	1960/1	1.0102	1.0289	.00567	1.0034	.48417	.00413
21	1960/2	1.0471	1.0693	.00059	1.0352	.50081	-.00303
22	Ti3372	.00155	.00162	.00027	.00003	.51369	.00016
23	Tl1908	.98780	1.0002	-.00062	.99655	.49710	.00152
24	V_2924	1.0124	1.0364	.00068	1.0074	.49285	.00021
25	Zn2062	1.0680	1.0871	.00214	1.0430	.49799	.00075
26	Sn1899	.00108	.00377	-.00226	.00015	.50972	-.00075
27	Ag3280	1.0352	1.0635	.00017	.99724	.50461	.00003
28	Mo2020	.98181	1.0015	.00140	.98155	.48918	.00059
29	*Y	5389.05	5352.98	5962.05	5484.15	5642.18	5749.58
30	PB2203	.95913	.97690	.00030	.95781	.49764	-.00021
31	SE1960	1.0348	1.0558	.00228	1.0246	.49526	-.00064

#	Element	AD8'EBLK	AD855430	AD855431	AD855432	AD855433	AD855434
1	Al3082	.03190	.07117	2.2133	2.6997	3.0100	1.4509
2	As1890	-.00039	.00322	.00614	.00138	.00421	.03786
3	B_2496	H.09376	.19490	.30093	.15447	.25625	.38768
4	Ba4934	H.01726	.94372	.35540	.31425	1.1529	.31178
5	Be3130	.00028	.00082	.00042	.00071	.00153	.00084
6	Ca3179	H.78248	621.91	11.967	16.792	110.76	24.821
7	Cd2265	.00022	.00130	.00029	.00031	.00113	.00100
8	Co2286	.00004	.01268	.00491	.00515	.05252	.00157
9	Cr2677	H.01312	.00076	.00376	.00632	.00602	.00404
10	Cu3247	.00229	.00359	.06322	.02625	.00759	.03707
11	Fe2714	H.06577	.11435	4.4394	5.4748	33.031	2.1579
12	K_7664	H1.1442	5.6459	8.5602	2.9551	4.7587	6.2355
13	Mg2790	.16539	32.929	2.0193	1.4815	21.418	1.3556
14	Mn2576	.00253	3.8228	.51933	.21610	3.0900	.42060
15	Na3302	H1141.7	H1146.6	H1244.2	H1259.8	H1274.1	H1236.7
16	Ni2316	H.01210	.01520	.00806	.00850	.07628	.00700
17	2203/1	.00535	.03414	.01104	.00232	.02058	.01068
18	2203/2	.00214	.03814	.01217	.00392	.01837	.01015

#	Element	AD8'EBLK	AD855430	AD855431	AD855432	AD855433	AD855434
19	Sb2068	-.00125	.00008	-.00148	-.00023	-.00037	-.00247
20	1960/1	.00498	.00583	.00608	.00942	.01140	.01047
21	1960/2	-.00130	.00009	.00040	-.00164	.00165	-.00178
22	Ti3372	-.00004	.00134	.05545	.05583	.07590	.02515
23	Tl1908	-.00349	.00073	-.00436	-.00112	-.00215	-.00031
24	V_2924	-.00008	.00069	.00358	.00361	.00426	.01336
25	Zn2062	H.01611	.03013	.03622	.06650	.18185	.04592
26	Sn1899	-.00210	.00208	.00291	.00296	.00214	.00081
27	Ag3280	.00001	-.00024	-.00079	.00026	-.00034	-.00010
28	Mo2020	.00085	.00062	.00126	.00000	-.00052	.00090
29	*Y	5455.28	5258.4	5380.12	5463.98	5362.35	5400
30	PB2203	.00321	.03681	.01179	.00338	.01911	.01032
31	SE1960	.00079	.00200	.00229	.00204	.00490	.00230

#	Element	AD855435	AD8'1:5)	AD8'5/PS	AD8'6/MS	CCV	CCB
1	Al3082	.64131	.13363	.63792	.62916	25.143	-.00481
2	As1890	.00532	.00258	1.0652	1.0035	.49390	.00267
3	B_2496	.14065	.02736	.14119	.13917	.49092	.00010
4	Ba4934	.34129	.06653	1.3756	1.3296	.49728	.00003
5	Be3130	.00267	.00059	1.0342	.97820	.49997	.00004
6	Ca3179	20.762	4.1303	20.654	20.500	25.087	.00471
7	Cd2265	.00048	.00020	1.0623	1.0099	.50069	.00002
8	Co2286	.01863	.00379	1.0160	.96588	.49503	-.00022
9	Cr2677	.00097	.00070	1.0535	.99879	.51527	-.00050
10	Cu3247	.00583	.00171	1.0283	1.0244	.48722	.00056
11	Fe2714	.31138	.06090	.40105	.38414	24.910	.00183
12	K_7664	2.5101	.39384	2.4811	2.4634	24.556	.00415
13	Mg2790	5.4778	1.0940	5.4423	5.4007	25.198	-.00135
14	Mn2576	.13467	.02652	1.1754	1.1255	.50214	.00003
15	Na3302	H1094.9	271.63	H1086.3	H1088.4	24.644	.11511
16	Ni2316	.05514	.01062	1.1015	1.0539	.50676	.00016
17	2203/1	.01509	.00569	1.0443	.95646	.50470	-.00007
18	2203/2	.01292	.00124	1.0608	.97367	.50751	.00085
19	Sb2068	-.00108	-.00181	1.0936	.94166	.51263	-.00162
20	1960/1	.00818	.00788	1.0516	.99454	.49091	.00244
21	1960/2	-.00209	-.00721	1.0879	1.0385	.50726	-.00074
22	Ti3372	.00090	.00022	.00139	.00094	.51841	-.00002
23	Tl1908	-.00229	.00279	1.0767	1.0029	.50813	.00077
24	V_2924	.00271	.00052	1.0650	1.0181	.49669	.00032
25	Zn2062	.25772	.05141	1.3253	1.2737	.51122	.00207
26	Sn1899	-.00053	-.00008	.00157	.00107	.51421	-.00109
27	Ag3280	-.00048	-.00024	1.0877	1.0168	.50494	-.00027
28	Mo2020	.00063	-.00159	1.0496	.98023	.49927	.00120
29	*Y	5408.62	5685.15	5439.75	5473.88	5678.33	5673.38
30	PB2203	.01364	.00272	1.0554	.96794	.50657	.00054
31	SE1960	.00132	-.00218	1.0758	1.0238	.50180	.00031

#	Element	AD8'7/SD	AD855438	AD855439	AD855440	AD855441	AD855442
1	Al3082	.63784	.78209	.97900	.33270	1.1737	15.969
2	As1890	1.0113	.00412	.00393	.00891	.00454	.00652
3	B_2496	.13940	.11549	.25381	.11696	.15204	.23346
4	Ba4934	1.3381	.59149	.82276	.55181	.74919	.94491
5	Be3130	.98583	.00082	.00136	.00075	.00057	.00192
6	Ca3179	20.623	562.86	66.260	30.802	247.61	36.737
7	Cd2265	1.0136	.00089	.00079	.00075	.00071	.00046
8	Co2286	.97318	.00454	.01256	.00972	.01005	.02100
9	Cr2677	1.0049	.00146	.00356	.00012	.00231	.02180
10	Cu3247	1.0303	.00069	.00379	.00909	.00270	.02402
11	Fe2714	.39448	.69092	34.742	.26502	.97946	89.863
12	K_7664	2.4675	5.0374	3.1246	4.2759	6.7818	9.3696
13	Mg2790	5.4319	28.494	4.3275	2.7888	8.9174	7.4135
14	Mn2576	1.1327	2.7391	2.0471	5.6208	.99868	1.7433
15	Na3302	H1090.3	H1122.1	H1102.3	H1111.5	H1102.5	H1196.2
16	Ni2316	1.0595	.00345	.02183	.00819	.00585	.04484
17	2203/1	.96551	.00128	.02561	.00678	.00540	.02633
18	2203/2	.98196	.00179	.02461	.00707	.00218	.02699
19	Sb2068	.93972	-.00302	-.00081	-.00210	-.00094	-.00146
20	1960/1	1.0113	.00755	.00709	.00504	.00310	.00865
21	1960/2	1.0340	-.00078	-.00217	.00281	.00208	-.00529
22	Ti3372	.00124	.01564	.00696	.00491	.03318	.25708
23	Tl1908	1.0043	.00298	-.00303	.00028	.00059	-.00064
24	V_2924	1.0233	.00340	.00150	.00077	.00215	.02405
25	Zn2062	1.2839	.04989	.05632	.01817	.01500	.08796
26	Sn1899	.00108	.00100	.00149	.00160	.00201	.00060
27	Ag3280	1.0221	-.00031	.00002	-.00061	.00006	.00038
28	Mo2020	.98771	.00281	.00151	-.00036	.00051	.00071
29	*Y	5437.58	5325.08	5439.23	5380.2	5378.25	5470.58
30	PB2203	.97648	.00162	.02494	.00697	.00325	.02677
31	SE1960	1.0265	.00199	.00091	.00355	.00242	-.00064

#	Element	AD855443	AD855444	AD855445	AD855446	CCV	CCB
1	Al3082	1.6485	.41960	1.1440	.30970	25.048	.01193
2	As1890	.00226	.00437	.00465	.00298	.48311	.00267
3	B_2496	.17959	.23698	.16575	.15577	.48598	.00031
4	Ba4934	.29143	.33378	.34931	.36002	.49659	.00011
5	Be3130	.00034	.00063	.00073	.00041	.49373	.00025
6	Ca3179	63.867	63.578	22.725	116.85	24.718	.01559
7	Cd2265	.00016	.00073	.00063	.00202	.48778	.00031
8	Co2286	.00032	.01318	.00915	.02623	.48702	.00000
9	Cr2677	.00235	.00114	.00265	.00104	.50916	.00024
10	Cu3247	.00354	.00403	.01440	.01986	.48696	.00096
11	Fe2714	.89486	.42095	1.1759	1.0956	24.533	.01052
12	K_7664	2.0424	3.8013	3.6198	2.7575	24.479	.03998
13	Mg2790	3.5126	20.158	3.9045	11.477	24.778	.00579
14	Mn2576	.03286	1.9194	1.5454	2.8356	.49564	.00025
15	Na3302	H1069.0	H1106.1	H1074.3	H1126.6	24.724	.20184
16	Ni2316	.00222	.01385	.01407	.02690	.49804	.00026
17	2203/1	.00104	.00618	.00933	.01696	.49451	.00203
18	2203/2	.00147	.00457	.00672	.01606	.49619	.00109

#	Element	AD855443	AD855444	AD855445	AD855446	CCV	CCB
19	Sb2068	-.00202	-.00056	-.00034	-.00063	.50748	-.00163
20	1960/1	.00563	.00778	.00703	.00280	.48554	.00427
21	1960/2	-.00552	-.00479	.00142	-.00188	.49369	-.00103
22	Ti3372	.03672	.00723	.01950	.00918	.51362	.00015
23	Tl1908	-.00407	.00113	-.00181	.00010	.49172	-.00047
24	V_2924	.00289	.00099	.00157	.00042	.49058	.00032
25	Zn2062	.03262	.06653	.04554	.23959	.49982	.00184
26	Sn1899	-.00139	.00102	-.00018	-.00015	.50375	-.00078
27	Ag3280	-.00037	-.00021	-.00012	.00000	.50354	-.00023
28	Mo2020	.00166	.00042	-.00053	-.00037	.49114	.00155
29	*Y	5420.03	5372.93	5495.78	5386.05	5633.85	5698.5
30	PB2203	.00133	.00510	.00759	.01636	.49563	.00140
31	SE1960	-.00180	-.00059	.00329	-.00032	.49097	.00073

#	Element	AD855447	AD855448	AD855449	AD855450	AD8'1:5)	AD8'1:5)
1	Al3082	5.3462	2.1322	4.6420	11.188	.00715	.00491
2	As1890	.00373	.00259	.01400	.01478	.00146	.00090
3	B_2496	.18179	.12658	.20910	.24746	.03853	.06706
4	Ba4934	.89526	.83324	.81708	.58038	.00520	.02411
5	Be3130	.00052	.00153	.00148	.00158	.00002	.00000
6	Ca3179	55.570	127.44	230.41	46.868	37.453	4.6104
7	Cd2265	.00033	.00124	.00099	.00075	.00025	.00012
8	Co2286	.00697	.02797	.02259	.00976	.00039	.00006
9	Cr2677	.00684	.00545	.00851	.01220	.00051	.00040
10	Cu3247	.01579	.02083	.00972	.01836	.00139	.00063
11	Fe2714	9.6187	13.529	19.615	10.731	-.00286	.04183
12	K_7664	5.2254	3.2016	5.9608	5.8567	3.2461	.80207
13	Mg2790	3.1806	47.325	15.229	5.0502	20.436	1.2096
14	Mn2576	.89369	3.6326	3.6895	3.2814	.00062	.00435
15	Na3302	H1221.9	H1240.6	H1275.2	H1219.5	266.43	123.20
16	Ni2316	.00821	.04656	.03423	.02690	-.00049	-.00037
17	2203/1	.00536	.03369	.02369	.01427	.00225	.00310
18	2203/2	.00471	.03333	.02297	.01274	-.00016	.00034
19	Sb2068	-.00022	.00141	-.00355	-.00069	.00064	.00266
20	1960/1	.00900	.00810	.01211	.01242	.09353	.00699
21	1960/2	-.00234	-.00287	-.00085	-.00450	.09146	-.00410
22	Ti3372	.13354	.03768	.10836	.14418	.00005	-.00003
23	Tl1908	-.00183	-.00009	-.00275	.00019	.00081	-.00028
24	V_2924	.00875	.00277	.00692	.01780	.00012	.00001
25	Zn2062	.06545	.17598	.10818	.07302	.00101	.00054
26	Sn1899	.00146	.00172	.00271	.00331	-.00192	-.00008
27	Ag3280	-.00018	-.00055	-.00063	-.00062	.00000	-.00030
28	Mo2020	.00163	.00137	.00149	.00020	.00149	.00030
29	*Y	5379.45	5340.98	5295.6	5451.83	5616	5754.53
30	PB2203	.00492	.03345	.02321	.01325	.00063	.00126
31	SE1960	.00143	.00078	.00347	.00114	.09215	-.00040

#	Element	AD8'1:5)	AD8'3/PB	AD8'2/FB	AD8'1/PB	CCV	CCB
1	Al3082	.02314	.01188	9.8441	.00907	24.961	.00304
2	As1890	.00070	.00031	.19749	.00244	.48663	.00034
3	B_2496	.07606	.00337	.19552	.00320	.48953	.00016
4	Ba4934	.01423	.00003	.19818	.00001	.49444	.00007
5	Be3130	.00000	-.00010	.19436	-.00032	.49578	.00011
6	Ca3179	15.648	.06271	9.8027	.05371	24.880	.00806
7	Cd2265	.00007	.00018	.19561	.00025	.49736	.00027
8	Co2286	.00012	.00000	.19525	.00025	.49125	.00029
9	Cr2677	.00008	.00064	.19672	.00014	.51142	.00038
10	Cu3247	.00020	.00096	.19296	.00045	.48378	.00122
11	Fe2714	.24833	.00371	9.8239	.01755	24.707	.01239
12	K_7664	1.3723	.03324	9.9653	.01771	24.408	.03052
13	Mg2790	3.7324	.00683	9.7983	-.00593	24.943	.00464
14	Mn2576	.01068	.00016	.19483	.00002	.49811	.00014
15	Na3302	196.35	.26465	9.8197	.04076	24.392	.25472
16	Ni2316	.00010	-.00041	.19549	.00002	.50306	.00045
17	2203/1	-.00184	.00330	.19611	-.00168	.49696	.00130
18	2203/2	.00152	-.00127	.19860	.00132	.50251	.00245
19	Sb2068	-.00111	-.00026	.19503	-.00380	.51021	-.00076
20	1960/1	.00276	.00474	.19323	.00315	.49124	.00365
21	1960/2	-.00242	-.00140	.19545	.00002	.50172	-.00067
22	Ti3372	.00067	.00019	.19493	.00032	.51548	.00043
23	Tl1908	-.00150	.00227	.19641	-.00230	.50507	.00183
24	V_2924	.00082	.00011	.19404	.00030	.49378	.00083
25	Zn2062	.00056	.00214	.19794	.00206	.50550	.00196
26	Sn1899	-.00151	-.00091	.20047	-.00170	.51107	-.00048
27	Ag3280	.00004	-.00044	.04973	-.00026	.50186	-.00013
28	Mo2020	.00054	.00053	.19619	-.00019	.49318	.00100
29	*Y	5693.7	5741.17	5748.6	5912.25	5696.4	5677.95
30	PB2203	.00040	.00025	.19777	.00032	.50066	.00207
31	SE1960	-.00069	.00064	.19471	.00107	.49822	.00076

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.11976	4.34879	21.2444	42.5741	50.278	18.926
2	As1890	.10977	1.28757	5.78699	11.4665	.99669	.36998
3	B_2496	.01564	.41856	2.00273	3.97231	1.0002	.37220
4	Ba4934	.00132	.70566	3.52218	7.05056	1.0012	.37773
5	Be3130	.11437	1.58748	7.43316	14.6032	.99838	.37640
6	Ca3179	.03606			40.8437	50.224	18.814
7	Cd2265	.00309	1.88061	9.29068	18.1537	.99924	.37437
8	Co2286	-.00574	.81083	4.07363	8.06091	1.0029	.37115
9	Cr2677	.00353	.63967	3.18014	6.31227	1.0043	.38692
10	Cu3247	.00883	.49708	2.44076	4.89843	1.0031	.36916
11	Fe2714	-.00097	.70636	3.53054	6.99004	50.148	18.689
12	K_7664	-.23679			151.244	49.941	18.890
13	Mg2790	.00724			21.0376	50.121	18.821
14	Mn2576	.00053	.38718	1.92339	3.81647	1.0003	.37962
15	Na3302	.00919			2.35971	49.786	18.556
16	Ni2316	-.01263	.62916	3.2026	6.32362	1.0029	.38016
17	2203/1	.0243	.54903	2.57048	5.06752	1.0010	.37338
18	2203/2	-.0327	2.77125	14.0809	27.7099	.99933	.37973

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	Sb2068	.00053	.1857	.91638	1.81971	1.0078	.38370
20	1960/1	-.05055	.31434	1.82898	3.62401	1.0177	.37905
21	1960/2	.03606	.47038	2.28154	4.48207	1.0188	.38750
22	Ti3372	-.00388	1.12544	5.64962	11.2439	1.0029	.38886
23	Tl1908	-.01316	.33391	1.70411	3.37495	1.0078	.37693
24	V_2924	.00017	.08544	.4301	.85622	1.0066	.37370
25	Zn2062	.00044	.08343	.41037	.8024	.99709	.38060
26	Sn1899	-.00114	.05696	.29008	.57433	1.0120	.38425
27	Ag3280	-.0411	.60848	3.20647	6.47864	1.0019	.37906
28	Mo2020	.00185	.27263	1.32262	2.62104	.99615	.37303
29	*Y	5656.8	5705.25	5677.73	5592.6	5633.78	5653.58
30	PB2203					.99990	.37762
31	SE1960					1.0185	.38468

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00557	.21088	544.96	539.32	24.896	.02398
2	As1890	.00000	.01026	.00050	.11744	.48334	.00045
3	B_2496	.00296	.02262	.00347	.00809	.48479	.00146
4	Ba4934	.00018	.00210	.00072	.54796	.49704	.00012
5	Be3130	.00017	.00203	.00080	.51797	.49509	.00021
6	Ca3179	.01073	.49200	547.07	543.56	24.744	.01770
7	Cd2265	.00028	.00102	.00042	1.0352	.48850	.00009
8	Co2286	-.00003	.00416	-.00005	.50917	.48694	-.00001
9	Cr2677	-.00014	.00424	.00008	.53052	.50900	-.00038
10	Cu3247	.00099	.00965	.00020	.54087	.48679	.00043
11	Fe2714	.00605	.06242	208.86	103.38	24.548	.01472
12	K_7664	.01287	.47592	.02368	.01484	25.020	.01700
13	Mg2790	.01187	.20461	541.48	532.63	24.689	.01844
14	Mn2576	.00035	.00313	.00063	.51918	.49960	.00024
15	Na3302	.11511	1.0952	.08095	.03799	24.524	.03981
16	Ni2316	.00008	.00957	.00116	1.0043	.49832	-.00068
17	2203/1	.00067	.00562	.02196	.07881	.49412	-.00137
18	2203/2	.00084	.00618	-.01235	.03591	.50124	-.00029
19	Sb2068	.00293	.02299	.00462	.66814	.50321	.00189
20	1960/1	.00324	.01662	-.00574	.05264	.50149	.00374
21	1960/2	.00336	.01991	.00661	.06097	.50891	-.00039
22	Ti3372	.00018	.00517	.00049	.00188	.51292	.00021
23	Tl1908	-.00207	.02026	-.00588	.10191	.49000	-.00098
24	V_2924	.00031	.00545	.00132	.53742	.49077	.00071
25	Zn2062	.00030	.01189	-.00250	1.0173	.49622	.00189
26	Sn1899	.00046	.00748	.00253	.00110	.50719	-.00132
27	Ag3280	.00017	.00341	.00060	.22624	.50035	.00005
28	Mo2020	.00143	.00964	-.00332	.00260	.49020	.00013
29	*Y	5688.45	5792.4	5053.58	5182.2	5612.7	5741.48
30	PB2203	.00079	.00599	-.00092	.05019	.49887	-.00065
31	SE1960	.00332	.01881	.00249	.05819	.50643	.00098

#	Element	AD8'0/FB	AD855002	AD855003	AD855004	AD855014	AD855015
1	Al3082	9.7537	.03255	.03155	.01903	.15625	.11090
2	As1890	.19596	.00299	.04613	.00025	.01641	.03853
3	B_2496	.19225	.01684	.06094	.02229	1.4237	2.3138
4	Ba4934	.19618	.07293	.11507	.06428	.28354	.60949
5	Be3130	.19157	-.00003	-.00006	-.00011	.00070	.00071
6	Ca3179	9.7126	181.88	116.53	84.554	478.37	634.72
7	Cd2265	.19283	.00019	.00001	.00034	.00001	.00000
8	Co2286	.19323	.00032	.00967	.00276	.00066	.00848
9	Cr2677	.19430	-.00002	.00007	.00042	.02003	.02186
10	Cu3247	.19086	.00065	.00004	.00248	-.00093	-.00072
11	Fe2714	9.8423	2.3012	20.905	.08413	.04118	1.0208
12	K_7664	9.9782	1.4179	.88544	1.8564	35.635	115.70
13	Mg2790	9.6400	64.305	67.020	44.888	195.70	218.74
14	Mn2576	.19336	.22945	.07935	.16781	9.3006	10.223
15	Na3302	9.6866	7.7644	20.041	5.9230	112.32	269.28
16	Ni2316	.19409	.00168	.01765	.00567	.01940	.05302
17	2203/1	.18969	-.00042	-.00135	-.00094	-.00026	-.00049
18	2203/2	.19592	.00025	.00244	.00021	.00057	.00084
19	Sb2068	.19474	.00075	-.00235	.00031	.00618	.00602
20	1960/1	.19499	.00346	-.00060	.00568	.00087	.00021
21	1960/2	.20148	.00113	-.00022	-.00053	-.00249	.00169
22	Ti3372	.19274	.00027	.00070	.00054	.01006	.00633
23	Tl1908	.19180	-.00420	-.00412	-.00042	.00064	-.00067
24	V_2924	.19252	.00034	.00055	.00049	.02038	.03607
25	Zn2062	.19109	.01271	.00895	.00735	.01885	.00959
26	Sn1899	.20101	.00285	.00108	.00077	-.00004	.00140
27	Ag3280	.04991	.00018	.00014	-.00018	-.00026	-.00058
28	Mo2020	.19153	.00229	.00291	.00064	.00034	.00120
29	*Y	5823.38	5865.3	5785.28	5798.62	5420.33	5312.25
30	PB2203	.19384	.00002	.00118	-.00016	.00029	.00039
31	SE1960	.19932	.00191	-.00035	.00153	-.00137	.00120

#	Element	AD8'1:5)	AD855005	AD8'1:5)	AD8'5/PS	CCV	CCB
1	Al3082	.02713	.10461	.02380	10.650	24.992	.02999
2	As1890	.00739	.01980	.00376	.21987	.48309	-.00152
3	B_2496	.44992	.31648	.06659	.52265	.48881	.00319
4	Ba4934	.11836	.36564	.07212	.57628	.49765	.00021
5	Be3130	.00012	.00000	-.00001	.19880	.49871	.00024
6	Ca3179	122.57	206.07	41.145	216.34	24.787	.02753
7	Cd2265	.00005	.00002	.00005	.19544	.48868	.00029
8	Co2286	.00146	.00064	-.00014	.19475	.48837	.00055
9	Cr2677	.00352	.00010	.00042	.19791	.50980	.00018
10	Cu3247	-.00005	.00058	.00029	.19866	.48792	.00035
11	Fe2714	.19671	26.543	5.3642	36.544	24.611	.02604
12	K_7664	23.127	7.2627	1.3203	18.779	25.409	-.00289
13	Mg2790	42.939	111.31	22.062	121.64	24.874	.02568
14	Mn2576	2.0852	.15464	.03138	.35275	.50148	.00017
15	Na3302	53.963	79.283	15.293	89.438	24.507	.00549
16	Ni2316	.01075	.01863	.00335	.21273	.49781	.00029
17	2203/1	-.00142	-.00194	-.00040	.18976	.49937	-.00218
18	2203/2	.00167	.00024	.00088	.19789	.49939	.00008

#	Element	AD8'1:5)	AD855005	AD8'1:5)	AD8'5/PS	CCV	CCB
19	Sb2068	.00062	.00235	.00312	.20015	.50343	-.00010
20	1960/1	-.00276	.00169	.00286	.20233	.51374	-.00285
21	1960/2	.00583	.00258	.00109	.20624	.51322	.00318
22	Ti3372	.00102	.00049	.00001	.20115	.51242	.00024
23	Tl1908	-.00232	-.00117	.00173	.19565	.49455	-.00052
24	V_2924	.00698	.00178	-.00001	.20144	.49007	.00020
25	Zn2062	.00213	.02737	.00602	.21816	.49855	.00170
26	Sn1899	-.00199	-.00011	.00108	.16788	.50925	.00046
27	Ag3280	-.00004	.00012	-.00004	.05169	.49974	.00043
28	Mo2020	.00163	.00022	.00037	.20135	.49350	.00021
29	*Y	5686.88	5685.67	5739.53	5683.12	5617.05	5685.3
30	PB2203	.00064	-.00048	.00045	.19518	.49939	-.00067
31	SE1960	.00296	.00228	.00168	.20494	.51339	.00117

#	Element	AD8'6/MS	AD8'7/SD	AD855008	AD855009	AD855010	AD855011
1	Al3082	10.038	9.8728	.02302	.02213	.02434	.02429
2	As1890	.21990	.21628	.01031	.00426	-.00226	.00184
3	B_2496	.48584	.47989	.01858	.02920	.01823	.02865
4	Ba4934	.56203	.54995	.07317	.04120	.11601	.04604
5	Be3130	.19430	.19213	-.00014	-.00003	-.00008	-.00010
6	Ca3179	211.18	208.83	66.148	116.03	113.21	91.214
7	Cd2265	.19041	.18999	.00013	-.00009	.00021	-.00002
8	Co2286	.19126	.19045	.00009	.00200	.00048	.00029
9	Cr2677	.19587	.19292	.00015	.00033	.00043	.00055
10	Cu3247	.19723	.19390	.00044	.00001	.00185	.00035
11	Fe2714	36.111	35.399	1.4483	2.7520	.00884	.00392
12	K_7664	16.989	16.713	.76847	1.5172	1.0021	.99090
13	Mg2790	119.58	117.52	35.985	61.200	46.497	45.252
14	Mn2576	.34657	.34430	.07529	.23620	.24785	.00241
15	Na3302	87.456	85.748	5.1945	8.7466	2.4498	4.2850
16	Ni2316	.20712	.20580	.00153	.00164	.00328	.00042
17	2203/1	.19230	.18452	-.00188	.00231	-.00017	-.00049
18	2203/2	.19236	.19322	.00120	-.00003	.00045	.00138
19	Sb2068	.20136	.19916	.00279	.00187	.00104	.00129
20	1960/1	.20611	.19724	.00062	.00321	-.00002	.00051
21	1960/2	.20276	.19829	.00243	.00120	.00155	-.00059
22	Ti3372	.19633	.19379	.00021	.00028	.00051	.00050
23	Tl1908	.19393	.19305	.00036	-.00229	-.00187	-.00340
24	V_2924	.19661	.19439	.00037	.00034	.00182	.00070
25	Zn2062	.19526	.21137	.00904	.00423	.00624	.01177
26	Sn1899	.20099	.20110	-.00039	.00138	-.00086	.00107
27	Ag3280	.05146	.05069	-.00015	-.00004	.00041	-.00017
28	Mo2020	.19497	.19093	.00203	.00075	.00041	-.00030
29	*Y	5638.65	5709.08	5806.05	5788.05	5758.05	5801.1
30	PB2203	.19234	.19032	.00017	.00074	.00024	.00075
31	SE1960	.20387	.19794	.00183	.00187	.00103	-.00022

#	Element	AD855012	AD855013	AD855018	AD855019	CCV	CCB
1	Al3082	.01913	.02464	.04018	.02834	24.977	-.00133
2	As1890	-.00104	.00114	.00293	-.00058	.48441	.00021
3	B_2496	.03249	.03321	.07059	.00594	.49011	.00264
4	Ba4934	.20631	.06660	.40022	.00013	.49939	.00007
5	Be3130	-.00008	-.00006	.00034	.00008	.50124	.00014
6	Ca3179	94.921	91.632	236.74	.12852	24.767	.00539
7	Cd2265	-.00001	.00015	.00016	.00014	.49264	.00006
8	Co2286	.00038	.00058	.00128	.00021	.49094	-.00013
9	Cr2677	-.00016	.00015	.00054	-.00003	.51086	-.00026
10	Cu3247	.00241	.00252	-.00064	.00028	.48881	.00081
11	Fe2714	.00523	.03725	.00735	.01307	24.705	-.00913
12	K_7664	2.4184	2.4597	6.5501	-.00987	25.627	-.01528
13	Mg2790	49.901	48.840	65.448	.01208	24.980	.00486
14	Mn2576	.00203	.00482	1.0238	.00027	.50432	.00011
15	Na3302	19.496	16.996	21.212	.10994	24.476	.03131
16	Ni2316	.00202	.00235	.00235	.00016	.50065	-.00042
17	2203/1	-.00362	.00090	-.00289	-.00018	.49570	.00106
18	2203/2	.00333	.00001	.00023	.00121	.50296	-.00076
19	Sb2068	.00230	.00164	.00079	.00234	.50164	.00210
20	1960/1	.00074	.00220	.00232	.00089	.50281	-.00542
21	1960/2	.00472	.00101	.00604	.00399	.50742	.00000
22	Ti3372	.00046	.00015	.00028	.00001	.51382	-.00006
23	Tl1908	-.00043	.00146	-.00055	-.00324	.49264	.00222
24	V_2924	.00282	.00040	.00011	.00000	.49123	-.00009
25	Zn2062	.00726	.01335	.00642	.00428	.50083	.00097
26	Sn1899	.00162	-.00001	-.00106	-.00205	.51035	-.00002
27	Ag3280	-.00004	-.00007	.00029	.00017	.50098	-.00021
28	Mo2020	.00069	.00031	.00094	-.00094	.49456	.00217
29	*Y	5781.98	5757.38	5517.3	5563.2	5604.98	5606.55
30	PB2203	.00101	.00031	-.00080	.00075	.50055	-.00015
31	SE1960	.00339	.00141	.00480	.00296	.50588	-.00181

#	Element	AD8'2/PB	AD8'1/FB	AD855504	AD855505	AD855511	AD855512
1	Al3082	.00995	10.865	.03064	.00699	.05173	.04886
2	As1890	-.00206	.22337	.00362	.00038	-.00052	.00099
3	B_2496	.00314	.21702	.10392	.09956	.02077	.01825
4	Ba4934	.00008	.21677	.07183	.09548	.01434	.01211
5	Be3130	.00026	.21625	.00039	.00040	.00025	.00018
6	Ca3179	.00766	10.773	66.243	162.51	9.8381	8.6535
7	Cd2265	.00000	.21623	-.00015	-.00032	-.00005	.00002
8	Co2286	.00063	.21689	.00072	.00446	.00088	.00044
9	Cr2677	-.00082	.21426	-.00038	-.00082	.00036	.00049
10	Cu3247	-.00019	.20967	.00070	.00050	.00171	.00190
11	Fe2714	-.00079	10.623	.08412	.14520	.58496	.64940
12	K_7664	-.03909	H12.732	7.3101	6.9836	2.9510	2.4225
13	Mg2790	.00602	11.043	49.882	50.117	1.9762	1.9470
14	Mn2576	.00001	.21742	.24768	3.2602	.04242	.05214
15	Na3302	-.17230	10.880	13.581	9.4924	21.661	21.981
16	Ni2316	.00164	.21896	.00623	.01438	.00283	.00197
17	2203/1	-.00530	.21488	-.00713	-.00484	-.00612	-.00346
18	2203/2	.00221	.21850	.00301	.00079	.00474	.00420

#	Element	AD8'2/PB	AD8'1/FB	AD855504	AD855505	AD855511	AD855512
19	Sb2068	-.00044	.20596	-.00052	-.00072	.00138	.00109
20	1960/1	.00482	.24193	.00789	.00946	.00558	.00640
21	1960/2	-.00238	.23544	-.00274	-.00210	.00360	-.00127
22	Ti3372	-.00057	.20931	.00052	-.00050	.00069	.00057
23	Tl1908	-.00011	.21868	.00072	.00615	.00051	-.00078
24	V_2924	.00030	.21086	.00083	.00000	.00050	.00040
25	Zn2062	.00352	.21687	.00358	.01681	.00454	.00447
26	Sn1899	-.00120	.19030	.00194	.00176	-.00021	.00053
27	Ag3280	.00006	.05401	.00042	-.00032	.00045	.00002
28	Mo2020	-.00134	.18977	.00207	-.00021	.00089	-.00070
29	*Y	5689.12	5568.98	5620.35	5527.43	5649.6	5607.9
30	PB2203	-.00028	.21730	-.00036	-.00108	.00112	.00164
31	SE1960	.00001	H.23760	.00079	.00175	.00426	.00128

#	Element	AD855513	AD855514	AD855515	AD855516	CCV	CCB
1	Al3082	.04887	.09257	1.7232	.60005	24.908	.00302
2	As1890	.00289	.00283	.00821	.01086	.48725	.00022
3	B_2496	.02027	.16136	.38034	.38427	.49192	.00327
4	Ba4934	.01439	.01514	.04887	.03803	.49852	.00016
5	Be3130	.00030	.00071	.00216	.00199	.50463	.00030
6	Ca3179	9.8430	47.346	79.060	78.979	24.841	.00728
7	Cd2265	-.00012	.00009	.00075	-.00009	.49509	.00025
8	Co2286	.00088	.00166	.00422	.00338	.49163	.00025
9	Cr2677	.00004	-.00029	.00018	-.00021	.51155	-.00010
10	Cu3247	.00136	.01843	.00827	.00961	.48776	.00060
11	Fe2714	.58515	.02723	.14093	.07602	24.792	.00987
12	K_7664	2.9530	14.772	33.605	35.062	25.526	-.00197
13	Mg2790	1.9811	17.141	29.305	30.271	25.198	.00701
14	Mn2576	.04225	.03360	.29330	.12472	.50642	.00011
15	Na3302	22.203	H2959.9	H4686.9	H4758.6	24.688	.22501
16	Ni2316	.00265	.00764	.06734	.03397	.50285	.00048
17	2203/1	-.00244	-.00613	-.00409	-.00898	.49858	-.00121
18	2203/2	.00329	.00224	.00081	.00411	.50407	.00107
19	Sb2068	-.00253	.00136	.00037	.00490	.50405	.00097
20	1960/1	.00308	.01806	.03236	.03045	.50809	-.00312
21	1960/2	-.00018	.00401	.01911	.02130	.51861	.00192
22	Ti3372	.00044	-.00023	-.00057	-.00046	.51385	.00019
23	Tl1908	.00241	-.00081	.00109	.00388	.49621	.00229
24	V_2924	.00061	.00064	.00317	.00858	.49230	.00042
25	Zn2062	.00475	.00802	.02461	.00402	.50493	.00131
26	Sn1899	.00145	-.00409	-.00025	-.00004	.51155	-.00066
27	Ag3280	.00034	.00079	.00053	.00053	.50057	.00007
28	Mo2020	-.00013	.01376	.02632	.03227	.49810	.00178
29	*Y	5647.73	4917.38	4006.65	3869.25	5571.6	5551.12
30	PB2203	.00137	-.00054	-.00081	-.00024	.50224	.00031
31	SE1960	.00090	.00869	.02353	.02435	.51510	.00024

#	Element	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD	AD855519	AD855520
1	Al3082	.10539	14.379	13.537	13.496	1.0445	2.2238
2	As1890	.00006	.28216	.28134	.27982	.00652	.02839
3	B_2496	.06610	.63938	.62699	.62321	.37806	.35518
4	Ba4934	.00678	.29796	.28235	.27464	.04753	.04922
5	Be3130	.00086	.22306	.21727	.21158	.00220	.00239
6	Ca3179	14.328	89.006	89.547	88.791	79.885	75.161
7	Cd2265	.00004	.23478	.23154	.23335	.00078	.00016
8	Co2286	.00116	.23645	.23248	.23081	.00553	.00302
9	Cr2677	-.00023	.24146	.23846	.23460	.00067	.00060
10	Cu3247	.00176	.27185	.26817	.26990	.01081	.09534
11	Fe2714	.02280	11.995	11.765	11.677	.24553	.41814
12	K_7664	4.2552	64.926	63.867	59.940	34.600	32.072
13	Mg2790	5.6055	41.407	41.303	40.297	29.976	27.855
14	Mn2576	.02198	.36452	.36082	.35585	.49646	.06330
15	Na3302	H1871.5	H4691.7	H4696.7	H4691.1	H4695.0	H4508.1
16	Ni2316	.00616	.25890	.25605	.25235	.06760	.05366
17	2203/1	-.00226	.23426	.23165	.23188	-.00598	-.00353
18	2203/2	-.00037	.24635	.24544	.24048	.00186	.00175
19	Sb2068	.00286	.26461	.26504	.26719	-.00484	.00217
20	1960/1	.00531	.37103	.36731	.36795	.03385	.02731
21	1960/2	.00221	.35829	.35747	.35429	.02382	.02052
22	Ti3372	-.00050	.23934	.23320	.23592	-.00089	-.00035
23	Tl1908	.00064	.22227	.22301	.22328	.00286	.00214
24	V_2924	.00140	.25357	.24754	.24773	.00216	.08766
25	Zn2062	.00088	.25239	.24468	.24074	.01317	.01346
26	Sn1899	-.00379	.19711	.23690	.24221	-.00014	-.00080
27	Ag3280	-.00027	.05269	.03909	.03757	.00007	.00037
28	Mo2020	.00717	.27552	.27210	.26633	.01739	.03017
29	*Y	5103.83	3896.48	3941.78	4018.8	3962.18	4010.85
30	PB2203	-.00100	.24232	.24085	.23762	-.00075	.00000
31	SE1960	.00324	.36254	.36074	.35884	.02716	.02279

#	Element	AD8'3/PB	AD8'2/FB	AD855484	AD855485	CCV	CCB
1	Al3082	-.00107	10.943	2.1257	1.0830	24.684	-.00087
2	As1890	-.00110	.22718	.00540	.00799	.48516	.00110
3	B_2496	.00277	.21944	.35341	.36654	.48845	.00249
4	Ba4934	.00026	.21665	.05442	.05151	.49512	.00019
5	Be3130	.00026	.21735	.00294	.00262	.50247	.00030
6	Ca3179	.01214	10.935	87.388	90.143	24.673	.00904
7	Cd2265	-.00006	.22194	.00297	.00101	.49031	.00006
8	Co2286	.00053	.22060	.00615	.00622	.48976	.00042
9	Cr2677	-.00007	.21676	-.00023	.00049	.50879	.00000
10	Cu3247	.00048	.21049	.04226	.01978	.48302	.00101
11	Fe2714	-.00843	10.800	1.1369	.36114	24.627	.00033
12	K_7664	-.04694	H12.539	32.522	33.949	25.399	-.02288
13	Mg2790	.01152	11.105	30.481	31.339	25.067	.01197
14	Mn2576	.00008	.21930	.54090	.53348	.50268	.00025
15	Na3302	H2.8738	H11.777	H4483.0	H4574.0	24.691	.47274
16	Ni2316	.00194	.22130	.07574	.06804	.50031	.00018
17	2203/1	-.00478	.21603	-.00485	-.00354	.49204	-.00194
18	2203/2	.00189	.22332	.00264	-.00227	.50283	-.00011

#	Element	AD8'3/PB	AD8'2/FB	AD855484	AD855485	CCV	CCB
19	Sb2068	.00114	.21025	.00322	.00439	.49633	-.00043
20	1960/1	.00694	.24223	.03127	.03267	.50432	-.00513
21	1960/2	-.00409	.23366	.01799	.01773	.50809	.00138
22	Ti3372	-.00038	.21292	-.00069	-.00062	.51019	-.00006
23	Tl1908	.00131	.22365	.00426	.00158	.48788	-.00083
24	V_2924	-.00010	.21526	.00144	.00279	.48843	-.00009
25	Zn2062	.00074	.22046	.03443	.01432	.50262	.00097
26	Sn1899	.00242	.19208	-.00031	-.00134	.50624	.00058
27	Ag3280	-.00020	.05401	.00007	.00028	.49696	-.00053
28	Mo2020	-.00141	.19437	.00934	.01671	.49359	.00113
29	*Y	5631.08	5652.98	3862.65	3903.68	5633.55	5584.73
30	PB2203	-.00032	.22089	.00014	-.00269	.49924	-.00072
31	SE1960	-.00041	H.23651	.02242	.02271	.50683	-.00079

#	Element	AD855486	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD	AD855489
1	Al3082	.18247	.03104	14.295	13.621	13.756	.27462
2	As1890	.00825	.00190	.28791	.29227	.29424	.00557
3	B_2496	.35242	.05788	.62704	.61758	.63072	.36718
4	Ba4934	.03789	.00631	.29913	.28789	.29202	.03427
5	Be3130	.00203	.00063	.22839	.22514	.22824	.00229
6	Ca3179	85.653	14.724	96.943	98.217	100.28	87.097
7	Cd2265	.00019	.00008	.24814	.24709	.24727	.00000
8	Co2286	.00350	.00113	.24567	.24401	.24654	.00331
9	Cr2677	-.00022	-.00006	.24692	.24655	.24940	.00007
10	Cu3247	.01316	.00266	.28142	.28212	.28747	.01506
11	Fe2714	.10546	.01082	12.417	12.349	12.452	.10288
12	K_7664	32.970	3.8248	61.240	60.851	62.605	34.955
13	Mg2790	30.495	5.4037	42.254	42.458	43.423	31.587
14	Mn2576	.32343	.05475	.57086	.57402	.58657	.16381
15	Na3302	H4520.9	H1709.5	H4529.3	H4551.3	H4619.0	H4651.7
16	Ni2316	.03301	.00607	.26652	.26500	.26790	.02395
17	2203/1	-.00390	-.00258	.24168	.24042	.24839	-.00436
18	2203/2	-.00024	.00099	.25379	.25839	.25612	.00270
19	Sb2068	.00471	-.00329	.27185	.27582	.27652	.00034
20	1960/1	.03181	.00877	.37276	.37111	.37574	.02808
21	1960/2	.01722	.00168	.36343	.37097	.36545	.02172
22	Ti3372	-.00071	-.00026	.24983	.24756	.25019	-.00068
23	Tl1908	.00289	.00089	.23743	.23903	.23127	-.00174
24	V_2924	.00229	.00024	.25666	.25351	.25640	.00333
25	Zn2062	.00370	.00152	.25837	.25454	.25643	.00247
26	Sn1899	-.00192	-.00282	.20863	.25377	.25476	-.00206
27	Ag3280	-.00002	-.00056	.05464	.05764	.05808	.00010
28	Mo2020	.02351	.00557	.26981	.27084	.27782	.02833
29	*Y	4013.03	5292.45	3908.7	3947.7	3878.33	3824.85
30	PB2203	-.00146	-.00019	.24976	.25241	.25355	.00035
31	SE1960	.02208	.00405	.36654	.37102	.36887	.02384

#	Element	AD855490	AD855491	AD855492	AD855493	CCV	CCB
1	Al3082	.54622	.90995	.03650	.03798	24.509	.00302
2	As1890	.00882	.00892	.00395	.00276	.48019	-.00025
3	B_2496	.36372	.35749	.15638	.16086	.48286	.00138
4	Ba4934	.02873	.02458	.02895	.02775	.48851	.00020
5	Be3130	.00225	.00211	.00065	.00062	.49291	.00022
6	Ca3179	83.467	79.897	58.353	59.515	24.495	.01183
7	Cd2265	-.00002	.00000	.00000	.00009	.48783	.00019
8	Co2286	.00266	.00323	.00233	.00225	.48487	.00018
9	Cr2677	.00006	-.00022	.00007	.00007	.50432	.00020
10	Cu3247	.01497	.01531	.01225	.01024	.47929	.00072
11	Fe2714	.09439	.07691	.03807	.03833	24.374	.00480
12	K_7664	34.671	34.237	15.049	15.586	24.796	.00168
13	Mg2790	30.603	29.008	20.325	20.852	24.633	.01073
14	Mn2576	.06777	.02183	.18551	.15251	.49464	.00022
15	Na3302	H4627.8	H4570.3	H2876.1	H2953.7	24.840	.59501
16	Ni2316	.02073	.01838	.02283	.01880	.49433	.00002
17	2203/1	-.00460	-.00593	-.00246	-.00340	.49034	-.00150
18	2203/2	.00332	.00067	.00088	.00224	.50163	.00148
19	Sb2068	.00472	-.00301	-.00176	.00394	.49730	.00183
20	1960/1	.03194	.03380	.01744	.01658	.50251	-.00269
21	1960/2	.02129	.02370	.00936	.00547	.50240	.00272
22	Ti3372	-.00060	-.00085	-.00027	-.00043	.50652	.00016
23	Tl1908	-.00056	.00063	.00096	.00064	.48833	-.00197
24	V_2924	.00348	.00563	.00131	.00109	.48495	.00031
25	Zn2062	.00278	.00131	.00599	.00555	.49593	.00128
26	Sn1899	-.00064	-.00249	-.00374	-.00257	.50533	-.00046
27	Ag3280	.00008	.00046	-.00012	-.00009	.49318	-.00016
28	Mo2020	.03006	.02776	.01275	.01179	.48702	.00117
29	*Y	3828.9	3920.03	5040.75	5001.9	5729.25	5662.88
30	PB2203	.00068	-.00152	-.00022	.00036	.49787	.00048
31	SE1960	.02484	.02706	.01206	.00918	.50243	.00092

#	Element	AD855494	AD855495	AD855496	AD855497	AD855498	AD855499
1	Al3082	.24908	.47406	1.7525	1.3774	1.0427	.39409
2	As1890	.00382	.00586	.00292	.00071	.00519	.00364
3	B_2496	.15333	.15174	.15620	.16140	.16034	.15868
4	Ba4934	.02034	.01889	.04192	.04039	.03848	.03534
5	Be3130	.00057	.00057	.00098	.00094	.00092	.00075
6	Ca3179	55.758	53.804	60.018	60.654	60.173	59.914
7	Cd2265	.00027	.00253	.00067	.00053	.00026	.00026
8	Co2286	.00165	.00209	.00433	.00423	.00472	.00405
9	Cr2677	-.00048	.00043	.00175	-.00017	-.00061	.00031
10	Cu3247	.01643	.02368	.11135	.03232	.01296	.02973
11	Fe2714	.04135	.04212	2.4507	.84517	.56997	.24332
12	K_7664	14.821	14.660	14.529	15.311	15.138	14.880
13	Mg2790	19.838	19.039	20.053	20.590	20.532	20.386
14	Mn2576	.03008	.00957	.46817	.42970	.45260	.44497
15	Na3302	H2877.1	H2864.2	H2806.4	H2903.0	H2895.7	H2891.5
16	Ni2316	.01051	.01017	.06519	.05502	.05289	.04380
17	2203/1	-.00619	-.00309	-.00208	-.00499	-.00354	-.00383
18	2203/2	.00027	.00121	.00125	.00090	.00181	-.00051

#	Element	AD855494	AD855495	AD855496	AD855497	AD855498	AD855499
19	Sb2068	-.00148	-.00047	-.00142	-.00116	.00328	.00129
20	1960/1	.02020	.02672	.01576	.02190	.01765	.01904
21	1960/2	.00619	.00569	.00882	.00816	.00691	.00348
22	Ti3372	-.00061	-.00038	.00025	-.00040	-.00035	-.00059
23	Tl1908	-.00096	-.00154	.00300	-.00008	.00287	.00175
24	V_2924	.00153	.00235	.00042	.00047	.00036	.00037
25	Zn2062	.00318	.00839	.10204	.06980	.05215	.05328
26	Sn1899	-.00308	-.00235	-.00340	-.00434	-.00244	-.00193
27	Ag3280	.00005	.00018	.00005	-.00015	-.00004	.00002
28	Mo2020	.01232	.01306	.00011	.00168	.00124	.00339
29	*Y	5072.55	5055.83	5132.18	5066.78	5046.08	5065.05
30	PB2203	-.00188	-.00021	.00014	-.00106	.00002	-.00162
31	SE1960	.01086	.01270	.01114	.01274	.01049	.00866

#	Element	AD855500	AD855501	AD8'3/PB	AD8'2/FB	CCV	CCB
1	Al3082	.20208	.07727	.00561	9.7591	24.136	.00784
2	As1890	.00263	.00233	-.00004	.19703	.47438	-.00091
3	B_2496	.15319	.15837	.00492	.19654	.47534	.00244
4	Ba4934	.03407	.03040	.00005	.19648	.48201	.00022
5	Be3130	.00078	.00067	-.00027	.19508	.48748	.00024
6	Ca3179	58.529	59.016	.04958	9.7807	24.219	.01310
7	Cd2265	.00006	.00029	.00009	.19512	.48510	.00025
8	Co2286	.00391	.00284	.00034	.19513	.47918	.00007
9	Cr2677	-.00004	-.00022	-.00017	.19590	.49710	.00000
10	Cu3247	.00871	.01210	.00016	.19136	.47218	.00053
11	Fe2714	.03903	.05911	-.00641	9.8057	24.098	.00545
12	K_7664	14.332	15.225	-.00779	10.027	24.644	-.02165
13	Mg2790	19.877	20.505	.00818	9.7782	24.393	.01540
14	Mn2576	.41293	.33999	.00007	.19500	.49022	.00026
15	Na3302	H2822.1	H2910.5	H1.2097	9.8746	24.989	.58926
16	Ni2316	.03782	.02854	.00020	.19581	.49031	.00042
17	2203/1	-.00293	-.00488	-.00068	.19546	.48751	.00035
18	2203/2	.00007	.00350	.00011	.19790	.49222	-.00034
19	Sb2068	.00048	.00251	-.00029	.19518	.48874	.00047
20	1960/1	.01675	.01333	-.00135	.20197	.49194	.00236
21	1960/2	.00452	.00468	-.00123	.19574	.50208	.00447
22	Ti3372	-.00058	-.00035	.00005	.19353	.49999	.00010
23	Tl1908	.00203	.00142	.00106	.19520	.48948	.00012
24	V_2924	.00071	.00049	-.00010	.19277	.47864	-.00020
25	Zn2062	.03341	.01747	.00180	.19424	.49165	.00115
26	Sn1899	-.00312	-.00351	.00009	.20275	.50074	-.00028
27	Ag3280	.00033	.00013	-.00067	.04916	.48509	-.00040
28	Mo2020	.00529	.00729	.00168	.19199	.48013	.00059
29	*Y	5111.1	5052	5959.73	5949.08	5788.95	5728.35
30	PB2203	-.00092	.00071	-.00015	.19709	.49065	-.00010
31	SE1960	.00859	.00756	-.00127	.19781	.49870	.00376

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.1222	4.26229	20.896	41.6292	50.348	19.047
2	As1890	.10487	1.25385	5.81378	11.3874	.99303	.37041
3	B_2496	.02061	.41469	1.99692	3.95306	1.0037	.37305
4	Ba4934	.00163	.69389	3.5023	6.96368	1.0097	.38271
5	Be3130	.11617	1.5808	7.51838	14.7012	1.0031	.38060
6	Ca3179	.03674			40.429	49.895	18.878
7	Cd2265	.00327	1.87316	9.24366	18.0759	.98225	.37222
8	Co2286	-.00612	.80642	4.06435	8.0184	.99490	.37161
9	Cr2677	.00267	.62979	3.1625	6.25365	1.0021	.39042
10	Cu3247	.00828	.48382	2.41935	4.79992	1.0082	.37377
11	Fe2714	.00025	.70203	3.52129	6.95376	49.920	18.766
12	K_7664	-.23724			154.358	50.304	19.063
13	Mg2790	.00931			21.0966	50.067	18.963
14	Mn2576	.00138	.38437	1.92808	3.80924	1.0010	.38225
15	Na3302	.01672			2.28812	49.980	18.621
16	Ni2316	-.01138	.63429	3.20936	6.32241	.99329	.38081
17	2203/1	.01784	.52938	2.57831	5.04819	.98986	.38046
18	2203/2	-.04415	2.87866	14.071	27.7517	.98363	.37654
19	Sb2068	-.00019	.18434	.90509	1.79724	.99440	.37994
20	1960/1	-.06623	.30215	1.81423	3.58348	.99554	.39183
21	1960/2	.06111	.50088	2.27008	4.48217	.99989	.37854
22	Ti3372	-.00491	1.10953	5.58732	11.071	.99885	.39000
23	Tl1908	-.02174	.32026	1.69703	3.36052	.98885	.37403
24	V_2924	-.00025	.08454	.42586	.8446	1.0010	.37468
25	Zn2062	.0056	.08342	.41065	.80569	1.0079	.38589
26	Sn1899	-.00181	.05639	.29082	.57228	.99767	.38862
27	Ag3280	-.04269	.59479	3.17578	6.35812	1.0071	.38246
28	Mo2020	-.0012	.26413	1.32902	2.61252	.99590	.37579
29	*Y	5797.35	5771.78	5687.25	5679.08	5620.05	5638.65
30	PB2203					.98571	.37784
31	SE1960					.99843	.38297

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.04816	.21743	544.67	553.33	25.003	.01287
2	As1890	.00144	.00970	-.00095	.11645	.48810	.00260
3	B_2496	.00075	.02105	.00189	.00644	.48674	.00034
4	Ba4934	.00035	.00211	.00082	.56461	.50263	.00020
5	Be3130	.00029	.00199	.00079	.52724	.49944	.00018
6	Ca3179	.01399	.49261	547.54	552.79	24.856	.01666
7	Cd2265	.00000	.00105	.00011	1.0423	.48974	-.00001
8	Co2286	.00030	.00387	.00030	.51536	.48836	-.00007
9	Cr2677	.00023	.00390	.00000	.54407	.51295	.00004
10	Cu3247	.00071	.00955	-.00137	.55531	.48938	.00025
11	Fe2714	.00185	.04782	209.57	105.35	24.716	-.00511
12	K_7664	-.00022	.46306	.00994	.00834	25.188	-.02648
13	Mg2790	.01068	.20199	540.37	541.46	24.859	.02148
14	Mn2576	.00012	.00290	.00017	.52816	.50220	-.00003
15	Na3302	-.12449	.88028	-.13836	-.13725	24.347	-.22582
16	Ni2316	.00092	.00966	.00120	1.0223	.50122	.00049
17	2203/1	.00043	.00688	.02238	.08036	.49827	.00265
18	2203/2	.00207	.00636	-.01051	.04116	.49475	.00248

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00225	.01938	-.00034	.68287	.50155	.00170
20	1960/1	.00319	.02180	.00372	.06233	.50283	.00249
21	1960/2	-.00366	.00941	-.00694	.05225	.50702	-.00655
22	Ti3372	.00024	.00507	.00010	.00150	.51321	-.00035
23	Tl1908	.00126	.02048	-.00561	.10590	.49667	.00093
24	V_2924	.00072	.00563	.00143	.54729	.49174	.00019
25	Zn2062	L-.00557	.00559	-.00888	1.0464	.50638	L-.00590
26	Sn1899	.00129	.01000	.00503	.00153	.50921	-.00024
27	Ag3280	.00004	.00339	.00075	.23151	.50249	-.00066
28	Mo2020	.00225	.00997	.00133	.00071	.49381	-.00005
29	*Y	5657.7	5872.28	5133.6	5052.3	5624.25	5640
30	PB2203	.00152	.00653	.00044	.05421	.49592	.00254
31	SE1960	-.00137	.01354	-.00338	.05561	.50562	-.00353

#	Element	A8B'/SOL	AD855460	AD855461	AD855462	AD8'1:5)	AD8'2/PS
1	Al3082	.03059	.11834	.05452	.04768	.01756	11.726
2	As1890	.57340	.00373	.00257	.00460	.00016	.23104
3	B_2496	2.0749	.16868	.17180	.17689	.03309	.40329
4	Ba4934	.37026	.03038	.02398	.02047	.00421	.24790
5	Be3130	.00030	.00082	.00071	.00075	.00047	.20338
6	Ca3179	56.634	54.317	53.091	53.062	10.541	62.284
7	Cd2265	-.00005	.00029	-.00011	-.00007	.00014	.21505
8	Co2286	.00541	.00327	.00146	.00186	.00079	.21181
9	Cr2677	.00511	.00007	-.00007	.00047	.00039	.21444
10	Cu3247	-.00008	.01092	.01177	.01620	.00293	.23941
11	Fe2714	7.5296	.03567	.03428	.03301	.00683	10.771
12	K_7664	123.12	14.334	14.719	15.276	2.0875	36.394
13	Mg2790	95.835	18.404	18.391	18.767	3.7883	28.673
14	Mn2576	.07312	.42192	.23794	.12514	.02432	.33700
15	Na3302	H576.40	H2990.2	H3055.3	H3107.5	H1123.7	H3064.5
16	Ni2316	.09125	.03608	.01430	.00965	.00196	.21560
17	2203/1	.00221	-.00179	-.00250	-.00233	.00114	.21213
18	2203/2	-.00117	.00336	.00129	.00164	.00179	.21483
19	Sb2068	.00241	.00094	.00009	.00208	.00246	.23037
20	1960/1	.00869	.01136	.01684	.01792	.00230	.27424
21	1960/2	-.00234	.00857	.00888	.00411	-.00140	.26120
22	Ti3372	.00020	-.00076	-.00027	-.00037	-.00025	.21391
23	Tl1908	-.00003	-.00016	.00129	-.00093	.00279	.20652
24	V_2924	.00111	.00079	.00067	.00092	.00053	.21854
25	Zn2062	-.00100	.01239	.00006	.00126	L-.00465	.22793
26	Sn1899	.00288	-.00550	-.00251	-.00283	-.00219	.17884
27	Ag3280	-.00058	-.00076	-.00077	-.00078	-.00004	.05946
28	Mo2020	.00234	.00743	.01360	.01550	.00464	.23302
29	*Y	5427	4880.93	4874.1	4845.6	5313.53	4877.55
30	PB2203	-.00005	.00164	.00002	.00031	.00157	.21393
31	SE1960	.00133	.00950	.01153	.00871	-.00016	.26555

#	Element	AD8'3/MS	AD8'4/SD	AD855465	AD855466	AD855467	CCV
1	Al3082	11.056	11.179	.28823	.53127	3.3738	25.166
2	As1890	.23411	.23347	.00550	.00315	.00897	.48937
3	B_2496	.38936	.39519	.16577	.15585	.36783	.48663
4	Ba4934	.23560	.23857	.01310	.01132	.05174	.50532
5	Be3130	.19992	.20142	.00073	.00080	.00182	.49820
6	Ca3179	61.904	63.125	46.655	43.949	77.227	24.964
7	Cd2265	.21147	.21313	.00005	-.00005	.00112	.49233
8	Co2286	.20957	.21121	.00191	.00125	.00464	.49004
9	Cr2677	.21257	.21481	.00043	.00078	.00301	.51609
10	Cu3247	.23666	.23900	.01685	.01428	.04887	.48668
11	Fe2714	10.644	10.717	.01874	.02518	4.2773	24.846
12	K_7664	35.027	35.806	14.325	13.228	31.265	25.612
13	Mg2790	28.451	28.887	16.616	14.253	28.125	24.982
14	Mn2576	.33429	.33853	.01253	.00274	.27947	.50096
15	Na3302	H3056.8	H3092.7	H2989.6	H2880.7	H4581.2	25.545
16	Ni2316	.21283	.21397	.00671	.00610	.07601	.50175
17	2203/1	.21010	.21231	-.00191	.00043	-.00121	.49930
18	2203/2	.21074	.21351	.00157	.00143	.00342	.49618
19	Sb2068	.22826	.22754	.00341	-.00216	.00289	.50231
20	1960/1	.27434	.27127	.01852	.01467	.04008	.50016
21	1960/2	.25594	.26106	.00908	.00430	.02189	.50585
22	Ti3372	.21044	.21178	-.00030	-.00034	.00153	.51159
23	Tl1908	.21191	.20793	-.00089	.00217	.00340	.50085
24	V_2924	.21439	.21631	.00127	.00164	.00216	.49263
25	Zn2062	.22042	.22389	-.00228	-.00216	.04516	.50835
26	Sn1899	.21771	.21931	-.00392	-.00254	.00000	.51170
27	Ag3280	.05938	.05952	-.00077	-.00066	-.00024	.50043
28	Mo2020	.23029	.23378	.01662	.01483	.00517	.49479
29	*Y	4872.98	4870.58	4903.5	4910.55	4225.95	5635.58
30	PB2203	.21053	.21311	.00041	.00109	.00188	.49722
31	SE1960	.26207	.26446	.01222	.00776	.02795	.50395

#	Element	CCB	AD855468	AD855469	AD855470	AD855471	AD855472
1	Al3082	.01039	3.1233	3.0161	2.4181	.30564	1.4735
2	As1890	.00151	.00584	.00873	.00578	.00834	.00957
3	B_2496	.00017	.36020	.36557	.36404	.36715	.36450
4	Ba4934	.00025	.05043	.05102	.04864	.04378	.04750
5	Be3130	.00021	.00180	.00181	.00175	.00138	.00157
6	Ca3179	.00789	75.586	76.977	76.089	76.706	75.900
7	Cd2265	.00003	.00049	.00067	.00040	.00035	.00016
8	Co2286	.00005	.00455	.00416	.00469	.00374	.00382
9	Cr2677	.00002	.00068	.00081	.00033	.00111	.00150
10	Cu3247	-.00029	.01424	.01242	.00736	.00897	.01054
11	Fe2714	-.00956	1.1309	.95989	.28855	.11283	.14220
12	K_7664	-.01684	30.163	30.873	30.714	31.456	31.231
13	Mg2790	.00640	27.556	28.043	27.821	28.310	26.280
14	Mn2576	-.00010	.28562	.28541	.26694	.23877	.22218
15	Na3302	.16223	H4533.4	H4580.8	H4567.7	H4606.5	H4612.4
16	Ni2316	-.00044	.07779	.06927	.06302	.04695	.05671
17	2203/1	.00070	-.00074	-.00160	-.00242	-.00329	-.00272
18	2203/2	-.00032	.00256	.00171	.00303	.00179	.00233

#	Element	CCB	AD855468	AD855469	AD855470	AD855471	AD855472
19	Sb2068	-.00088	.00043	.00574	-.00118	.00665	.00388
20	1960/1	.00590	.03209	.03462	.03726	.03777	.03866
21	1960/2	-.00634	.02214	.02396	.02590	.02076	.02695
22	Ti3372	-.00045	-.00042	-.00064	-.00058	-.00052	-.00053
23	Tl1908	.00438	-.00118	.00050	.00101	.00357	-.00061
24	V_2924	.00009	.00265	.00253	.00380	.00438	.00423
25	Zn2062	L-.00601	.03913	.04136	.02411	.00756	.01349
26	Sn1899	.00097	-.00236	-.00207	.00038	.00031	-.00256
27	Ag3280	-.00079	.00030	-.00017	.00000	-.00005	.00013
28	Mo2020	.00021	.01343	.01700	.02112	.03075	.02767
29	*Y	5629.12	4242.9	4229.03	4232.33	4216.73	4220.55
30	PB2203	.00002	.00145	.00061	.00121	.00010	.00065
31	SE1960	-.00226	.02545	.02751	.02969	.02643	.03085

#	Element	AD855473	AD855474	AD855475	AD855476	AD855477	CCV
1	Al3082	.33038	.25436	.93271	1.4204	3.2878	25.219
2	As1890	.00827	.00957	.00949	.01166	.00591	.48973
3	B_2496	.36429	.36220	.35662	.35765	.35757	.48665
4	Ba4934	.04185	.04177	.03292	.03113	.05033	.50548
5	Be3130	.00132	.00135	.00121	.00122	.00181	.49775
6	Ca3179	75.525	75.643	72.668	71.920	75.104	25.009
7	Cd2265	-.00016	-.00007	-.00012	.00009	.00089	.49262
8	Co2286	.00352	.00302	.00284	.00316	.00551	.49012
9	Cr2677	.00041	.00068	.00054	.00174	.00443	.51705
10	Cu3247	.00474	.00833	.01265	.01024	.06816	.48662
11	Fe2714	.10059	.17882	.23226	.08668	6.4772	24.856
12	K_7664	31.282	31.127	31.148	31.273	30.296	25.616
13	Mg2790	27.971	28.052	27.235	26.874	27.390	24.935
14	Mn2576	.22872	.22495	.05060	.02699	.48892	.49982
15	Na3302	H4586.3	H4585.9	H4561.3	H4561.8	H4497.6	25.718
16	Ni2316	.04705	.04351	.02925	.03000	.08732	.50120
17	2203/1	-.00023	-.00188	-.00182	-.00275	-.00157	.50197
18	2203/2	.00245	-.00152	.00188	.00041	.00311	.49454
19	Sb2068	.00547	.00170	.00216	.00317	-.00016	.50370
20	1960/1	.04151	.04095	.04404	.04364	.02861	.50749
21	1960/2	.02160	.02405	.03577	.03303	.02367	.50260
22	Ti3372	-.00085	-.00053	-.00036	-.00023	.00198	.51130
23	Tl1908	.00084	-.00389	-.00199	.00124	-.00052	.50145
24	V_2924	.00632	.00606	.01050	.01506	.00154	.49409
25	Zn2062	-.00123	.00175	.00232	.00051	.04305	.51008
26	Sn1899	-.00108	.00038	-.00100	-.00083	-.00263	.50907
27	Ag3280	-.00032	.00013	.00053	.00017	-.00015	.50052
28	Mo2020	.03077	.03200	.03234	.03068	.00252	.49501
29	*Y	4231.5	4217.25	4229.1	4242.98	4256.78	5607
30	PB2203	.00156	-.00164	.00064	-.00064	.00155	.49702
31	SE1960	.02824	.02969	.03853	.03657	.02532	.50423

#	Element	CCB	AD855478	AD855479	AD855480	AD855481	AD8'1:5)
1	Al3082	.00678	3.1073	2.8072	1.9736	.15786	.02309
2	As1890	-.00042	.00678	.00563	.00530	.00656	.00087
3	B_2496	.00018	.36147	.36547	.36850	.36524	.17008
4	Ba4934	.00033	.05112	.05024	.04899	.03998	.03751
5	Be3130	.00018	.00181	.00178	.00176	.00130	.00019
6	Ca3179	.00870	77.198	77.514	77.400	75.933	26.162
7	Cd2265	.00007	.00044	.00084	.00045	.00009	-.00001
8	Co2286	.00034	.00539	.00520	.00531	.00329	.00140
9	Cr2677	-.00004	.00095	.00125	.00049	.00070	.00068
10	Cu3247	-.00021	.01287	.00743	.00700	.00869	-.00053
11	Fe2714	.00373	1.6723	1.0747	.37591	.13145	.07991
12	K_7664	-.02462	30.936	31.325	31.412	31.777	22.667
13	Mg2790	.00600	27.987	28.262	28.292	28.264	34.420
14	Mn2576	-.00012	.50333	.49425	.51885	.33999	.14386
15	Na3302	.20286	H4537.2	H4572.8	H4583.5	H4600.2	158.76
16	Ni2316	.00000	.07984	.07837	.06992	.04095	.01835
17	2203/1	.00129	-.00298	.00048	-.00327	-.00250	-.00121
18	2203/2	.00162	-.00005	-.00134	.00158	.00060	.00052
19	Sb2068	.00044	.00205	.00007	.00021	.00432	-.00005
20	1960/1	.00350	.03423	.03678	.03110	.03506	.00207
21	1960/2	-.00107	.02231	.02400	.02145	.02999	-.00443
22	Ti3372	-.00046	-.00072	-.00072	-.00068	-.00076	-.00005
23	Tl1908	.00053	.00545	.00257	.00097	.00225	.00079
24	V_2924	.00072	.00194	.00168	.00239	.00298	.00019
25	Zn2062	L-.00601	.03032	.03017	.01623	-.00121	L-.00458
26	Sn1899	-.00086	-.00195	-.00162	-.00170	-.00211	.00051
27	Ag3280	-.00017	.00025	.00012	.00039	.00040	-.00037
28	Mo2020	.00088	.00544	.00953	.01657	.02398	.00059
29	*Y	5623.2	4237.8	4219.05	4237.2	4217.33	5671.88
30	PB2203	.00151	-.00102	-.00073	-.00002	-.00042	-.00005
31	SE1960	.00045	.02628	.02826	.02466	.03168	-.00226

#	Element	AD8'1:5)	AD8':10)	CCV	CCB
1	Al3082	.03023	.02020	25.471	.01465
2	As1890	.00167	.00374	.49045	-.00103
3	B_2496	.60532	.73701	.49389	.00147
4	Ba4934	.04005	.14470	.50485	.00032
5	Be3130	.00014	.00004	.49949	.00042
6	Ca3179	27.625	5.8146	24.952	.01765
7	Cd2265	.00018	-.00002	.49062	-.00002
8	Co2286	.00692	.00360	.49070	.00036
9	Cr2677	.00090	.00179	.51346	.00013
10	Cu3247	.00017	.00027	.49655	.00028
11	Fe2714	.18009	.12113	24.795	-.00327
12	K_7664	43.296	39.283	25.078	-.01141
13	Mg2790	37.318	7.6172	24.925	.01709
14	Mn2576	.16326	.02538	.50471	.00006
15	Na3302	184.09	147.73	25.555	.45650
16	Ni2316	.01939	.02647	.49850	.00015
17	2203/1	-.00058	.00121	.50066	.00111
18	2203/2	.00101	.00041	.49390	.00060

#	Element	AD8'1:5)	AD8':10)	CCV	CCB		
19	Sb2068	.00024	.00355	.50611	-.00146		
20	1960/1	.00300	.00106	.50832	.00479		
21	1960/2	-.00238	-.00195	.50540	-.00709		
22	Ti3372	.00033	.00100	.51977	.00023		
23	Tl1908	-.00041	-.00238	.49574	.00101		
24	V_2924	.00072	.00114	.49478	.00041		
25	Zn2062	.00045	L-.00498	.50254	L-.00517		
26	Sn1899	-.00018	-.00026	.51298	.00137		
27	Ag3280	.00054	.00018	.50891	.00013		
28	Mo2020	.00170	.00271	.49776	.00176		
29	*Y	5631.23	5575.05	5501.55	5449.88		
30	PB2203	.00048	.00067	.49615	.00077		
31	SE1960	-.00059	-.00094	.50637	-.00313		

Curvefit Fit Status Summary 08/19/08 10:15:54 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

Calibration Report 08/19/08 09:47:19 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 09/29/08 08:21:19 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 09/29/08 20:16:19

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.11977	.10978	.01564	.00133	.11438	.03606	.00309
SDev	.00162	.00126	.00038	.00013	.00024	.00025	.00038
%RSD	1.3493	1.1462	2.4045	9.4206	.21108	.68574	12.114
#1	.12091	.10889	.01538	.00141	.11455	.03624	.00336
#2	.11862	.11067	.01591	.00124	.11420	.03589	.00283

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00575	.00354	.00884	-.00097	-.23679	.00725	.00053
SDev	.00037	.00075	.00175	.00037	.01036	.00150	.00025
%RSD	6.5197	21.221	19.792	38.563	4.3740	20.688	47.134
#1	-.00601	.00301	.01008	-.00124	-.24412	.00831	.00071
#2	-.00548	.00407	.00760	-.00071	-.22947	.00619	.00035

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00919	-.01264	.02431	-.03270	.00053	-.05056	.03606
SDev	.00350	.00238	.01312	.01800	.00100	.00750	.01325
%RSD	38.068	18.798	53.991	55.033	188.56	14.827	36.749
#1	.01167	-.01096	.03359	-.04543	-.00018	-.05586	.02669
#2	.00672	-.01432	.01503	-.01998	.00124	-.04526	.04543

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00389	-.01317	.00018	.00044	-.00115	-.04110	.00186
SDev	.00200	.00437	.00025	.00038	.00012	.00288	.00013
%RSD	51.432	33.213	141.42	84.848	10.871	7.0025	6.7269
#1	-.00247	-.01626	.00035	.00071	-.00124	-.03907	.00194
#2	-.00530	-.01008	.00000	.00018	-.00106	-.04314	.00177

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5657	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0075013	--	--	--	--	--	--
#1	5657	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Standardization Rpt. 09/29/08 08:25:55 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 09/29/08 20:21:23

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.3488	1.2876	.41857	.70567	1.5875	1.8806	.81083
SDev	.0036	.0034	.00371	.00006	.0004	.0102	.00012
%RSD	.08318	.26109	.88648	.00880	.02236	.54288	.01527
#1	4.3462	1.2852	.42119	.70562	1.5877	1.8734	.81074
#2	4.3514	1.2900	.41595	.70571	1.5872	1.8878	.81092

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.63967	.49709	.70636	.38719	.62917	.54903	2.7713
SDev	.00046	.00032	.00229	.00085	.00421	.01025	.0230
%RSD	.07167	.06366	.32422	.22066	.66881	1.8673	.83058
#1	.63935	.49731	.70474	.38779	.63214	.54179	2.7550
#2	.64000	.49686	.70798	.38658	.62619	.55628	2.7875

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.18571	.31435	.47039	1.1254	.33391	.08545	.08343
SDev	.00010	.00676	.01545	.0023	.00361	.00052	.00065
%RSD	.05446	2.1501	3.2847	.20397	1.0808	.60263	.77571
#1	.18563	.30957	.48131	1.1238	.33646	.08508	.08297
#2	.18578	.31912	.45946	1.1271	.33136	.08581	.08389

Elem	Sn1899	Ag3280	Mo2020
Avge	.05696	.60848	.27264
SDev	.00076	.00363	.00247
%RSD	1.3279	.59604	.90560
#1	.05643	.61105	.27089
#2	.05750	.60592	.27438

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5705	--	--	--	--	--	--
SDev	23.54686	--	--	--	--	--	--
%RSD	.4127227	--	--	--	--	--	--
#1	5689	--	--	--	--	--	--
#2	5722	--	--	--	--	--	--

Standardization Rpt. 09/29/08 08:30:31 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 09/29/08 20:25:59

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.244	5.7870	2.0027	3.5222	7.4332	9.2907	4.0736
SDev	.036	.0219	.0026	.0024	.0191	.0222	.0019
%RSD	.17171	.37851	.13130	.06912	.25760	.23920	.04706
#1	21.219	5.8025	2.0009	3.5205	7.4467	9.3064	4.0750
#2	21.270	5.7715	2.0046	3.5239	7.4196	9.2750	4.0723

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.1801	2.4408	3.5305	1.9234	3.2026	2.5705	14.081
SDev	.0038	.0016	.0047	.0028	.0009	.0033	.059
%RSD	.11886	.06355	.13195	.14456	.02810	.12953	.42176
#1	3.1828	2.4419	3.5338	1.9254	3.2032	2.5728	14.123
#2	3.1775	2.4397	3.5273	1.9214	3.2020	2.5681	14.039

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.91638	1.8290	2.2815	5.6496	1.7041	.43010	.41038
SDev	.01182	.0133	.0018	.0069	.0011	.00020	.00096
%RSD	1.2899	.72757	.08004	.12202	.06181	.04671	.23436
#1	.92474	1.8384	2.2803	5.6447	1.7034	.43024	.41106
#2	.90803	1.8196	2.2828	5.6545	1.7049	.42996	.40970

Elem	Sn1899	Ag3280	Mo2020
Avge	.29008	3.2065	1.3226
SDev	.00120	.0033	.0063
%RSD	.41257	.10407	.47401
#1	.28924	3.2041	1.3182
#2	.29093	3.2088	1.3271

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	3.924304	--	--	--	--	--	--
%RSD	.0691175	--	--	--	--	--	--
#1	5680	--	--	--	--	--	--
#2	5675	--	--	--	--	--	--

Standardization Rpt. 09/29/08 08:35:35 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 09/29/08 20:30:35

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	42.574	11.467	3.9723	7.0506	14.603	40.844	18.154
SDev	.018	.041	.0116	.0025	.023	.041	.027
%RSD	.04202	.35607	.29294	.03556	.15490	.09943	.14719
#1	42.561	11.495	3.9805	7.0523	14.619	40.872	18.173
#2	42.587	11.438	3.9641	7.0488	14.587	40.815	18.135

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	8.0609	6.3123	4.8984	6.9900	151.24	21.038	3.8165
SDev	.0013	.0039	.0028	.0002	.21	.040	.0033
%RSD	.01656	.06163	.05697	.00288	.13646	.19242	.08566
#1	8.0600	6.3150	4.8965	6.9902	151.39	21.066	3.8188
#2	8.0619	6.3095	4.9004	6.9899	151.10	21.009	3.8142

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3597	6.3236	5.0675	27.710	1.8197	3.6240	4.4821
SDev	.0063	.0008	.0200	.052	.0054	.0224	.0050
%RSD	.26716	.01200	.39516	.18675	.29792	.61728	.11161
#1	2.3553	6.3231	5.0817	27.746	1.8159	3.6398	4.4785
#2	2.3642	6.3242	5.0534	27.673	1.8236	3.6082	4.4856

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	11.244	3.3750	.85622	.80240	.57433	6.4786	2.6210
SDev	.013	.0275	.00107	.00093	.00123	.0016	.0073
%RSD	.11287	.81352	.12503	.11611	.21390	.02505	.27752
#1	11.253	3.3555	.85698	.80306	.57520	6.4775	2.6159
#2	11.235	3.3944	.85547	.80174	.57346	6.4798	2.6262

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5593	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.2579285	--	--	--	--	--	--
#1	5582	--	--	--	--	--	--
#2	5603	--	--	--	--	--	--

Standardization Report 09/29/08 08:35:35 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.18178	-.141486	09/29/08 08:30:35
As1890	189.042	Multiple	Standards	.086965	-.009568	09/29/08 08:30:35
B_2496	249.678	Multiple	Standards	.251075	-.003937	09/29/08 08:30:35
Ba4934	493.409	Multiple	Standards	.141986	-.000188	09/29/08 08:30:35
Be3130	313.042	Multiple	Standards	.068471	-.007838	09/29/08 08:30:35
Ca3179	317.933	STD 3	STD BLK	1.06044	-.013056	09/29/08 08:30:35
Cd2265	226.502	Multiple	Standards	.054261	-.000182	09/29/08 08:30:35
Co2286	228.616	Multiple	Standards	.123167	.000703	09/29/08 08:30:35
Cr2677	267.716	Multiple	Standards	.157772	-.000561	09/29/08 08:30:35
Cu3247	324.753	Multiple	Standards	.204706	-.001810	09/29/08 08:30:35
Fe2714	271.441	Multiple	Standards	7.10177	.006694	09/29/08 08:30:35
K_7664	766.491	STD 3	STD BLK	.879795	-.019854	09/29/08 08:30:35
Mg2790	279.078	STD 3	STD BLK	1.06724	-.010563	09/29/08 08:30:35
Mn2576	257.610	Multiple	Standards	.259885	-.000143	09/29/08 08:30:35
Na3302	330.232	STD 3	STD BLK	.938756	-.004829	09/29/08 08:30:35
Ni2316	231.604	Multiple	Standards	.156153	.001970	09/29/08 08:30:35
2203/1	220.351	Multiple	Standards	.199721	-.004875	09/29/08 08:30:35
2203/2	220.352	Multiple	Standards	.035338	.001154	09/29/08 08:30:35
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.546542	-.000298	09/29/08 08:30:35
1960/1	196.021	Multiple	Standards	.270875	.013704	09/29/08 08:30:35
1960/2	196.022	Multiple	Standards	.223213	-.008035	09/29/08 08:30:35
Ti3372	337.280	Multiple	Standards	.088643	.000344	09/29/08 08:30:35
Tl1908	190.864	Multiple	Standards	.289609	.003804	09/29/08 08:30:35
V_2924	292.402	Multiple	Standards	1.16871	-.000203	09/29/08 08:30:35
Zn2062	206.200	Multiple	Standards	1.22274	-.000555	09/29/08 08:30:35
Sn1899	189.989	Multiple	Standards	1.72372	.001978	09/29/08 08:30:35
Ag3280	328.068	Multiple	Standards	.153688	.006318	09/29/08 08:30:35
Mo2020	202.030	Multiple	Standards	.376188	-.000715	09/29/08 08:30:35

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Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000053	-.000053
		STD 1	5.00000	4.99784	.002157
		STD 2	25.0000	24.9647	.035282
		STD 3	50.0000	50.1718	-.171833

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000021	.000021
		STD 1	.100000	.102407	-.002407
		STD 2	.500000	.493700	.006300
		STD 3	1.00000	.987625	.012375

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101155	-.001155
		STD 2	.500000	.498900	.001100
		STD 3	1.00000	.993411	.006589

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100006	-.000006
		STD 2	.500000	.499912	.000088
		STD 3	1.00000	1.00089	-.000892

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100858	-.000858
		STD 2	.500000	.501117	-.001117
		STD 3	1.00000	.992054	.007946

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.036063	-.010876
		STD 3	43.2991	40.8437	2.45544

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101863	-.001863
		STD 2	.500000	.503942	-.003942
		STD 3	1.00000	.984862	.015138

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100571	-.000571
		STD 2	.500000	.502442	-.002442
		STD 3	1.00000	.993545	.006455

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100361	-.000361
		STD 2	.500000	.501176	-.001176
		STD 3	1.00000	.995338	.004662

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.099947	.000053
		STD 2	.500000	.497829	.002171
		STD 3	1.00000	1.00093	-.000929

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000211	.000211
		STD 1	5.00000	5.02312	-.023116
		STD 2	25.0000	25.0798	-.079845
		STD 3	50.0000	49.6484	.351646

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.236794	.008610
		STD 3	133.044	151.244	-18.2001

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.007248	-.010076
		STD 3	22.4415	21.0376	1.40396

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100481	-.000481
		STD 2	.500000	.499718	.000282
		STD 3	1.00000	.991703	.008297

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.009192	-.005392
		STD 3	2.21037	2.35972	-.149348

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100216	-.000216
		STD 2	.500000	.502066	-.002066
		STD 3	1.00000	.989423	.010577

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000021	.000021
		STD 1	.100000	.104779	-.004779
		STD 2	.500000	.508505	-.008505
		STD 3	1.00000	1.00722	-.007217

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.099083	.000917
		STD 2	.500000	.498738	.001262
		STD 3	1.00000	.980354	.019646

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101198	-.001198
		STD 2	.500000	.500544	-.000544
		STD 3	1.00000	.994254	.005746

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098853	.001147
		STD 2	.500000	.509131	-.009131
		STD 3	1.00000	.995361	.004639

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000015	-.000015
		STD 1	.100000	.096962	.003038
		STD 2	.500000	.501237	-.001237
		STD 3	1.00000	.992424	.007576

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100107	-.000107
		STD 2	.500000	.501145	-.001145
		STD 3	1.00000	.997039	.002961

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.100507	-.000507
		STD 2	.500000	.497331	.002669
		STD 3	1.00000	.981223	.018777

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099658	.000342
		STD 2	.500000	.502459	-.002459
		STD 3	1.00000	1.00047	-.000468

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101459	-.001459
		STD 2	.500000	.501228	-.001228
		STD 3	1.00000	.980573	.019427

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100167	-.000167
		STD 2	.500000	.501998	-.001998
		STD 3	1.00000	.991968	.008032

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099834	.000166
		STD 2	.500000	.499115	.000885
		STD 3	1.00000	1.00201	-.002007

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.101848	-.001848
		STD 2	.500000	.496841	.003159
		STD 3	1.00000	.985289	.014711

CorCoef: 0.99999

Analysis Report Blank Sample 09/29/08 08:40:38 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 09/29/08 20:35:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.278	.99670	1.0002	1.0012	.99838	50.224	.99925
SDev	.092	.00734	.0017	.0009	.00129	.028	.00499
%RSD	.18216	.73626	.17454	.08955	.12914	.05483	.49958
#1	50.343	.99151	.99896	1.0018	.99747	50.204	.99572
#2	50.213	1.0019	1.0014	1.0006	.99930	50.243	1.0028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0029	1.0043	1.0031	50.148	49.941	50.121	1.0003
SDev	.0017	.0014	.0007	.043	.222	.101	.0019
%RSD	.16582	.13852	.07256	.08485	.44363	.20250	.19156
#1	1.0017	1.0052	1.0026	50.118	49.784	50.049	.99894
#2	1.0040	1.0033	1.0037	50.178	50.097	50.192	1.0016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.786	1.0029	1.0010	.99933	.99990	1.0185	1.0078
SDev	.059	.0011	.0000	.00429	.00286	.0014	.0008
%RSD	.11940	.10541	.00030	.42972	.28636	.14232	.07999
#1	49.744	1.0022	1.0011	.99630	.99788	1.0174	1.0072
#2	49.828	1.0037	1.0010	1.0024	1.0019	1.0195	1.0084
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0178	1.0188	1.0029	1.0078	1.0066	.99710	1.0120
SDev	.0019	.0012	.0010	.0085	.0008	.00392	.0003
%RSD	.18407	.12146	.10011	.84089	.07623	.39310	.03099
#1	1.0164	1.0180	1.0022	1.0018	1.0071	.99432	1.0122
#2	1.0191	1.0197	1.0036	1.0138	1.0061	.99987	1.0118
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0019	.99615
SDev	.0014	.00470
%RSD	.14386	.47181
#1	1.0029	.99283
#2	1.0009	.99948
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5634	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0545990	--	--	--	--	--	--
#1	5636	--	--	--	--	--	--
#2	5632	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 08:45:42 PM page 1

Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 09/29/08 20:40:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.926	.36999	.37220	.37774	.37640	18.814	.37438
SDev	.003	.00168	.00104	.00059	.00207	.058	.00162
%RSD	.01529	.45314	.27977	.15608	.54970	.30864	.43261
#1	18.928	.36880	.37294	.37815	.37786	18.855	.37552
#2	18.924	.37117	.37146	.37732	.37494	18.773	.37323
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37116	.38692	.36916	18.689	18.890	18.821	.37962
SDev	.00122	.00031	.00004	.063	.167	.105	.00193
%RSD	.32954	.08027	.01091	.33881	.88204	.55935	.50798
#1	.37202	.38714	.36914	18.733	19.008	18.896	.38099
#2	.37030	.38670	.36919	18.644	18.773	18.747	.37826
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.556	.38017	.37339	.37974	.37762	.38468	.38370
SDev	.128	.00146	.00194	.00196	.00195	.00512	.00223
%RSD	.69137	.38489	.52099	.51580	.51751	1.3313	.58055
#1	18.465	.38120	.37476	.38112	.37900	.38831	.38528
#2	18.646	.37913	.37201	.37835	.37624	.38106	.38213
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37905	.38751	.38886	.37694	.37371	.38061	.38425
SDev	.00693	.00422	.00080	.00322	.00047	.00324	.00012
%RSD	1.8280	1.0884	.20482	.85480	.12501	.85207	.03136
#1	.38395	.39049	.38942	.37921	.37404	.38290	.38417
#2	.37415	.38452	.38830	.37466	.37338	.37832	.38434
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37907	.37304
SDev	.00040	.00388
%RSD	.10692	1.0405
#1	.37878	.37578
#2	.37935	.37029
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5654	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0318910	--	--	--	--	--	--
#1	5655	--	--	--	--	--	--
#2	5652	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 08:50:44 PM page 1

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 09/29/08 20:45:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00558	-.00000	.00297	.00019	.00018	.01073	.00028
SDev	.00249	.00179	.00031	.00010	.00010	.00422	.00023
%RSD	44.602	75296.	10.349	55.865	53.720	39.338	79.591
#1	.00382	-.00127	.00275	.00011	.00011	.00775	.00012
#2	.00734	.00126	.00319	.00026	.00025	.01372	.00045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	-.00015	.00100	.00606	.01287	.01187	.00036
SDev	.00031	.00023	.00001	.00442	.01295	.00074	.00013
%RSD	946.78	160.49	1.4410	73.016	100.59	6.2332	35.314
#1	-.00025	-.00031	.00101	.00293	.00372	.01135	.00027
#2	.00019	.00002	.00099	.00918	.02203	.01240	.00045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11511	.00009	.00067	.00085	.00079	.00333	.00294
SDev	.06153	.00085	.00072	.00062	.00017	.00024	.00117
%RSD	53.448	963.65	107.92	72.609	21.520	7.3625	39.899
#1	.15862	-.00051	.00118	.00041	.00067	.00315	.00376
#2	.07161	.00069	.00016	.00129	.00091	.00350	.00211
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00324	.00337	.00018	-.00208	.00031	.00031	.00046
SDev	.00379	.00153	.00016	.00007	.00073	.00031	.00086
%RSD	116.94	45.347	91.068	3.1894	232.65	100.86	187.89
#1	.00056	.00445	.00030	-.00212	.00083	.00052	-.00015
#2	.00592	.00229	.00006	-.00203	-.00020	.00009	.00107
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00143
SDev	.00026	.00032
%RSD	147.48	22.071
#1	.00035	.00121
#2	-.00001	.00166
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5688	--	--	--	--	--	--
SDev	29.27450	--	--	--	--	--	--
%RSD	.5146304	--	--	--	--	--	--
#1	5668	--	--	--	--	--	--
#2	5709	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 09/29/08 20:50:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21088	.01026	.02263	.00210	.00203	.49200	.00102
SDev	.00158	.00057	.00008	.00006	.00003	.00225	.00024
%RSD	.75089	5.5774	.35295	3.0500	1.3448	.45787	23.892
#1	.20976	.00986	.02257	.00206	.00201	.49041	.00085
#2	.21200	.01067	.02269	.00215	.00205	.49359	.00120
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	.00425	.00966	.06242	.47593	.20461	.00313
SDev	.00007	.00016	.00054	.00290	.01072	.00611	.00014
%RSD	1.7297	3.7744	5.5471	4.6403	2.2531	2.9848	4.6057
#1	.00422	.00413	.00928	.06038	.46835	.20030	.00303
#2	.00412	.00436	.01004	.06447	.48351	.20893	.00324
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0952	.00958	.00562	.00618	.00600	.01882	.02300
SDev	.0451	.00038	.00029	.00037	.00015	.00021	.00099
%RSD	4.1140	4.0064	5.0915	5.9408	2.4977	1.1367	4.2993
#1	1.1270	.00931	.00582	.00592	.00589	.01897	.02230
#2	1.0633	.00985	.00542	.00644	.00610	.01867	.02370
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01662	.01992	.00518	.02026	.00545	.01190	.00748
SDev	.00061	.00002	.00007	.00288	.00003	.00007	.00018
%RSD	3.6863	.07286	1.3311	14.224	.54718	.55671	2.4199
#1	.01706	.01993	.00513	.02230	.00543	.01185	.00761
#2	.01619	.01991	.00523	.01822	.00547	.01195	.00735
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00342	.00964
SDev	.00060	.00008
%RSD	17.657	.85812
#1	.00299	.00970
#2	.00385	.00959
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5792	--	--	--	--	--	--
SDev	30.75915	--	--	--	--	--	--
%RSD	.5310259	--	--	--	--	--	--
#1	5814	--	--	--	--	--	--
#2	5771	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 09:00:48 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 09/29/08 20:55:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	544.96	.00050	.00347	.00072	.00080	547.07	.00043
SDev	.45	.00377	.00159	.00008	.00001	.05	.00036
%RSD	.08205	749.30	45.860	10.651	.66111	.00935	83.479
#1	544.65	-.00216	.00235	.00078	.00081	547.04	.00017
#2	545.28	.00317	.00460	.00067	.00080	547.11	.00068
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00008	.00021	208.86	.02369	541.48	.00064
SDev	.00050	.00011	.00020	.14	.01027	1.00	.00000
%RSD	918.66	134.77	94.832	.06673	43.378	.18484	.60397
#1	.00030	.00000	.00007	208.76	.03095	540.77	.00064
#2	-.00041	.00017	.00035	208.96	.01642	542.18	.00064
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08096	.00117	.02196	-.01236	-.00093	.00250	.00462
SDev	.01329	.00074	.00101	.00035	.00011	.00155	.00346
%RSD	16.418	63.406	4.6115	2.8178	11.298	62.324	74.791
#1	.07156	.00064	.02125	-.01211	-.00100	.00140	.00218
#2	.09036	.00169	.02268	-.01260	-.00086	.00360	.00707
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00574	.00662	.00049	-.00589	.00133	-.00250	.00253
SDev	.01195	.00364	.00011	.00678	.00016	.00035	.00169
%RSD	208.00	55.037	22.351	115.16	11.799	13.903	66.764
#1	-.01419	.00919	.00057	-.01068	.00144	-.00226	.00372
#2	.00270	.00404	.00042	-.00109	.00122	-.00275	.00134
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00060	-.00333
SDev	.00048	.00094
%RSD	79.808	28.278
#1	.00094	-.00399
#2	.00026	-.00266
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5054	--	--	--	--	--	--
SDev	7.530963	--	--	--	--	--	--
%RSD	.1490225	--	--	--	--	--	--
#1	5059	--	--	--	--	--	--
#2	5048	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 09:05:50 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 09/29/08 21:00:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	539.32	.11744	.00810	.54796	.51798	543.56	1.0352
SDev	1.08	.00194	.00113	.00230	.00326	1.61	.0043
%RSD	.20112	1.6492	13.976	.41960	.63015	.29646	.41054
#1	538.55	.11881	.00890	.54634	.51567	542.42	1.0322
#2	540.09	.11607	.00730	.54959	.52029	544.70	1.0382
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50917	.53052	.54088	103.38	.01484	532.63	.51918
SDev	.00221	.00075	.00119	.41	.02158	2.88	.00279
%RSD	.43410	.14039	.22001	.39331	145.38	.54043	.53795
#1	.50761	.53000	.54004	103.09	.03010	530.59	.51721
#2	.51074	.53105	.54172	103.67	-.00042	534.66	.52116
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03800	1.0043	.07882	.03591	.05020	.05820	.66814
SDev	.15962	.0055	.00409	.00377	.00116	.00215	.00012
%RSD	420.06	.54792	5.1841	10.509	2.3036	3.6938	.01825
#1	.15087	1.0004	.08171	.03324	.04938	.05668	.66823
#2	-.07487	1.0082	.07593	.03858	.05102	.05972	.66805
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05264	.06098	.00189	.10191	.53743	1.0173	.00111
SDev	.00019	.00332	.00003	.00716	.00093	.0051	.00024
%RSD	.35745	5.4426	1.7540	7.0296	.17214	.50498	21.655
#1	.05278	.05863	.00187	.10698	.53677	1.0136	.00094
#2	.05251	.06332	.00191	.09685	.53808	1.0209	.00128
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.22625	.00260
SDev	.00024	.00072
%RSD	.10698	27.499
#1	.22607	.00311
#2	.22642	.00210
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5182	--	--	--	--	--	--
SDev	.2119939	--	--	--	--	--	--
%RSD	.0040908	--	--	--	--	--	--
#1	5182	--	--	--	--	--	--
#2	5182	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 09:13:51 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 21:08:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.896	.48335	.48480	.49704	.49509	24.744	.48850
SDev	.006	.00488	.00195	.00105	.00356	.033	.00130
%RSD	.02337	1.0091	.40141	.21217	.71812	.13434	.26718
#1	24.891	.47990	.48342	.49630	.49258	24.720	.48758
#2	24.900	.48680	.48617	.49779	.49761	24.767	.48943
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48695	.50901	.48679	24.548	25.020	24.689	.49961
SDev	.00182	.00073	.00158	.061	.152	.118	.00255
%RSD	.37454	.14441	.32433	.24869	.60720	.47620	.51094
#1	.48566	.50849	.48568	24.505	24.912	24.606	.49780
#2	.48824	.50953	.48791	24.592	25.127	24.772	.50141
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.524	.49832	.49413	.50124	.49887	.50643	.50322
SDev	.099	.00173	.00630	.00003	.00208	.00641	.00217
%RSD	.40168	.34652	1.2739	.00578	.41631	1.2662	.43128
#1	24.455	.49710	.48968	.50126	.49741	.50190	.50475
#2	24.594	.49955	.49858	.50122	.50034	.51097	.50168
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50149	.50891	.51293	.49001	.49078	.49623	.50720
SDev	.00174	.00875	.00022	.00260	.00143	.00321	.00113
%RSD	.34646	1.7194	.04368	.53136	.29174	.64799	.22368
#1	.50026	.50273	.51277	.48817	.48976	.49396	.50640
#2	.50272	.51510	.51309	.49185	.49179	.49850	.50800
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50035	.49021
SDev	.00124	.00245
%RSD	.24761	.49980
#1	.49947	.48847
#2	.50123	.49194
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5613	--	--	--	--	--	--
SDev	41.57774	--	--	--	--	--	--
%RSD	.7407796	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5583	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 09:18:55 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 21:13:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02399	.00045	.00146	.00012	.00021	.01770	.00010
SDev	.00167	.00142	.00035	.00002	.00001	.00126	.00001
%RSD	6.9668	312.60	23.724	14.776	4.9202	7.1147	7.4555
#1	.02281	-.00055	.00122	.00011	.00020	.01860	.00009
#2	.02517	.00145	.00171	.00013	.00022	.01681	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00038	.00044	.01473	.01700	.01844	.00024
SDev	.00032	.00060	.00060	.00086	.00115	.00121	.00003
%RSD	2069.4	157.31	137.99	5.8542	6.7646	6.5892	13.059
#1	-.00024	.00004	.00086	.01534	.01619	.01758	.00026
#2	.00021	-.00081	.00001	.01412	.01781	.01930	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03981	-.00068	-.00137	-.00029	-.00065	.00099	.00190
SDev	.02538	.00067	.00128	.00052	.00008	.00113	.00001
%RSD	63.754	98.383	93.502	178.17	11.891	114.41	.33272
#1	.05776	-.00116	-.00228	.00008	-.00071	.00179	.00189
#2	.02186	-.00021	-.00046	-.00066	-.00060	.00019	.00190
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	-.00039	.00021	-.00099	.00071	.00189	-.00133
SDev	.00588	.00125	.00012	.00086	.00014	.00015	.00170
%RSD	157.09	318.85	56.650	87.346	20.069	7.7904	128.45
#1	.00791	-.00127	.00030	-.00038	.00081	.00200	-.00012
#2	-.00042	.00049	.00013	-.00160	.00061	.00179	-.00253
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00005	.00014
SDev	.00018	.00028
%RSD	332.96	202.55
#1	-.00007	.00033
#2	.00018	-.00006
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5741	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1274694	--	--	--	--	--	--
#1	5747	--	--	--	--	--	--
#2	5736	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855020/FB Operator: TWS
Run Time: 09/29/08 21:18:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7537	.19596	.19225	.19618	.19157	9.7126	.19283
SDev	.0042	.00072	.00159	.00032	.00004	.0092	.00088
%RSD	.04336	.36946	.82773	.16267	.02190	.09438	.45383
#1	9.7507	.19647	.19338	.19596	.19160	9.7190	.19345
#2	9.7566	.19545	.19112	.19641	.19154	9.7061	.19221
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19323	.19430	.19087	9.8423	9.9782	9.6400	.19336
SDev	.00040	.00026	.00034	.0151	.0026	.0147	.00011
%RSD	.20701	.13191	.17901	.15313	.02572	.15229	.05608
#1	.19295	.19448	.19062	9.8529	9.9764	9.6503	.19344
#2	.19351	.19412	.19111	9.8316	9.9800	9.6296	.19328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.6866	.19409	.18970	.19592	.19385	.19932	.19475
SDev	.0520	.00090	.00170	.00145	.00040	.00213	.00275
%RSD	.53673	.46317	.89696	.73959	.20629	1.0681	1.4142
#1	9.6498	.19473	.18849	.19695	.19413	.20083	.19280
#2	9.7233	.19346	.19090	.19490	.19357	.19782	.19669
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19500	.20149	.19275	.19180	.19253	.19110	.20102
SDev	.00523	.00058	.00009	.00024	.00042	.00015	.00027
%RSD	2.6800	.28812	.04672	.12710	.21883	.08101	.13447
#1	.19869	.20190	.19268	.19163	.19283	.19121	.20121
#2	.19130	.20108	.19281	.19197	.19223	.19099	.20083
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04991	.19153
SDev	.00058	.00220
%RSD	1.1666	1.1480
#1	.05033	.18998
#2	.04950	.19309
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5823	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0746755	--	--	--	--	--	--
#1	5826	--	--	--	--	--	--
#2	5820	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855002 Operator: TWS
Run Time: 09/29/08 21:24:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03256	.00299	.01685	.07294	-.00003	181.88	.00019
SDev	.00346	.00030	.00011	.00005	.00001	.66	.00006
%RSD	10.634	10.185	.64928	.06662	16.971	.36026	28.624
#1	.03500	.00321	.01677	.07297	-.00004	181.42	.00015
#2	.03011	.00278	.01693	.07290	-.00003	182.34	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00002	.00066	2.3012	1.4179	64.305	.22945
SDev	.00053	.00034	.00029	.0246	.0115	.158	.00068
%RSD	165.09	1640.6	43.846	1.0679	.81350	.24594	.29466
#1	-.00005	.00022	.00045	2.2838	1.4261	64.194	.22897
#2	.00070	-.00026	.00086	2.3186	1.4098	64.417	.22993
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7644	.00169	-.00042	.00025	.00003	.00191	.00075
SDev	.1854	.00047	.00235	.00029	.00059	.00055	.00060
%RSD	2.3873	27.793	557.59	113.80	2014.6	28.985	80.458
#1	7.6333	.00202	.00124	.00005	.00045	.00230	.00118
#2	7.8954	.00136	-.00209	.00046	-.00039	.00152	.00032
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00346	.00114	.00028	-.00420	.00035	.01272	.00286
SDev	.00092	.00129	.00028	.00073	.00028	.00010	.00000
%RSD	26.463	113.56	99.891	17.387	80.476	.80235	.11324
#1	.00282	.00205	.00008	-.00472	.00015	.01264	.00286
#2	.00411	.00022	.00047	-.00369	.00054	.01279	.00285
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00018	.00230
SDev	.00021	.00128
%RSD	111.58	55.708
#1	.00004	.00320
#2	.00033	.00139
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5865	--	--	--	--	--	--
SDev	20.36454	--	--	--	--	--	--
%RSD	.3472037	--	--	--	--	--	--
#1	5851	--	--	--	--	--	--
#2	5880	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855003 Operator: TWS
Run Time: 09/29/08 21:29:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03156	.04614	.06094	.11507	-.00006	116.53	.00001
SDev	.00391	.00002	.00007	.00007	.00001	.01	.00026
%RSD	12.399	.04739	.12267	.05934	15.923	.00454	2041.5
#1	.03432	.04612	.06099	.11502	-.00006	116.53	-.00017
#2	.02879	.04615	.06089	.11512	-.00007	116.53	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00967	.00007	.00005	20.905	.88544	67.020	.07936
SDev	.00020	.00004	.00017	.029	.00960	.048	.00006
%RSD	2.1054	59.324	373.08	.13892	1.0840	.07145	.08238
#1	.00982	.00004	.00017	20.926	.87865	67.054	.07931
#2	.00953	.00010	-.00007	20.885	.89223	66.986	.07940
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.041	.01766	-.00136	.00245	.00118	-.00036	-.00235
SDev	.093	.00027	.00376	.00137	.00034	.00113	.00053
%RSD	.46511	1.5467	276.94	55.893	28.708	318.02	22.502
#1	19.975	.01747	-.00402	.00342	.00094	.00044	-.00273
#2	20.107	.01785	.00130	.00148	.00142	-.00116	-.00198
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00061	-.00023	.00070	-.00413	.00055	.00895	.00108
SDev	.00325	.00332	.00000	.00021	.00001	.00041	.00064
%RSD	534.51	1447.7	.24173	5.0520	1.0396	4.5979	58.872
#1	-.00291	.00212	.00070	-.00427	.00055	.00924	.00153
#2	.00169	-.00258	.00070	-.00398	.00056	.00866	.00063
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00015	.00292
SDev	.00038	.00020
%RSD	259.14	6.7490
#1	.00042	.00278
#2	-.00012	.00306
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5785	--	--	--	--	--	--
SDev	23.44052	--	--	--	--	--	--
%RSD	.4051756	--	--	--	--	--	--
#1	5802	--	--	--	--	--	--
#2	5769	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855004 Operator: TWS
Run Time: 09/29/08 21:34:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01904	.00025	.02230	.06428	-.00012	84.554	.00035
SDev	.00001	.00013	.00159	.00008	.00002	.068	.00013
%RSD	.03909	51.657	7.1343	.13123	19.846	.07993	38.698
#1	.01903	.00034	.02342	.06434	-.00013	84.506	.00044
#2	.01904	.00016	.02117	.06422	-.00010	84.602	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00276	.00043	.00248	.08414	1.8564	44.888	.16782
SDev	.00004	.00036	.00026	.00460	.0016	.007	.00036
%RSD	1.3785	85.213	10.676	5.4654	.08479	.01506	.21387
#1	.00274	.00017	.00267	.08739	1.8552	44.893	.16807
#2	.00279	.00068	.00229	.08089	1.8575	44.884	.16756
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.9230	.00568	-.00094	.00022	-.00017	.00154	.00032
SDev	.1596	.00003	.00123	.00025	.00057	.00070	.00114
%RSD	2.6950	.44906	130.92	113.82	340.43	45.259	360.05
#1	6.0359	.00566	-.00007	.00039	.00024	.00105	.00112
#2	5.8102	.00570	-.00181	.00004	-.00057	.00203	-.00049
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00569	-.00054	.00054	-.00042	.00050	.00736	.00077
SDev	.00029	.00090	.00004	.00136	.00042	.00047	.00210
%RSD	5.1320	167.66	8.0960	323.86	85.102	6.4534	271.04
#1	.00548	-.00117	.00057	.00054	.00020	.00769	.00226
#2	.00589	.00010	.00051	-.00138	.00080	.00702	-.00071
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.00065
SDev	.00007	.00013
%RSD	37.688	20.409
#1	-.00014	.00056
#2	-.00024	.00074
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5799	--	--	--	--	--	--
SDev	20.04655	--	--	--	--	--	--
%RSD	.3457121	--	--	--	--	--	--
#1	5784	--	--	--	--	--	--
#2	5813	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855014 Operator: TWS
Run Time: 09/29/08 21:39:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15625	.01641	1.4237	.28354	.00071	478.37	.00002
SDev	.01066	.00104	.0072	.00349	.00000	1.12	.00003
%RSD	6.8232	6.3221	.50827	1.2321	.44222	.23380	196.17
#1	.16379	.01568	1.4186	.28107	.00070	477.58	-.00001
#2	.14871	.01715	1.4288	.28601	.00071	479.16	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	.02004	-.00093	.04118	35.635	195.70	9.3006
SDev	.00039	.00017	.00033	.00620	1.189	2.30	.1237
%RSD	57.800	.83121	35.263	15.053	3.3376	1.1743	1.3299
#1	.00094	.01992	-.00116	.04557	34.794	194.08	9.2131
#2	.00040	.02015	-.00070	.03680	36.476	197.33	9.3880
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	112.32	.01941	-.00026	.00058	.00030	-.00137	.00618
SDev	1.01	.00034	.00030	.00107	.00081	.00131	.00189
%RSD	.90057	1.7562	112.09	185.32	272.91	95.156	30.604
#1	111.60	.01917	-.00047	-.00018	-.00028	-.00230	.00484
#2	113.03	.01965	-.00005	.00134	.00087	-.00045	.00752
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	-.00250	.01007	.00064	.02038	.01885	-.00004
SDev	.00924	.00266	.00017	.00103	.00061	.00017	.00047
%RSD	1061.4	106.47	1.6781	159.59	2.9770	.90725	1134.4
#1	-.00567	-.00062	.01018	-.00008	.02081	.01897	.00029
#2	.00741	-.00438	.00995	.00137	.01995	.01873	-.00037
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00026	.00034
SDev	.00005	.00146
%RSD	19.474	429.17
#1	-.00022	.00137
#2	-.00030	-.00069
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5420	--	--	--	--	--	--
SDev	41.25940	--	--	--	--	--	--
%RSD	.7611979	--	--	--	--	--	--
#1	5450	--	--	--	--	--	--
#2	5391	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855015 Operator: TWS
Run Time: 09/29/08 21:44:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11091	.03854	2.3138	.60950	.00071	634.72	.00000
SDev	.00251	.00097	.0024	.00010	.00002	.76	.00002
%RSD	2.2603	2.5097	.10329	.01651	3.1325	.11994	505.36
#1	.10914	.03922	2.3155	.60943	.00073	635.26	-.00001
#2	.11268	.03785	2.3121	.60957	.00070	634.18	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00849	.02187	-.00072	1.0208	115.70	218.74	10.223
SDev	.00062	.00019	.00024	.0003	.36	.37	.021
%RSD	7.2886	.85542	33.665	.03420	.31164	.16864	.20573
#1	.00892	.02173	-.00055	1.0210	115.95	219.00	10.238
#2	.00805	.02200	-.00089	1.0205	115.44	218.48	10.208
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	269.28	.05303	-.00049	.00084	.00040	.00120	.00602
SDev	.21	.00032	.00179	.00189	.00067	.00095	.00079
%RSD	.07618	.59980	361.84	224.70	167.94	79.132	13.091
#1	269.14	.05280	-.00176	.00218	.00087	.00188	.00658
#2	269.43	.05325	.00077	-.00050	-.00007	.00053	.00547
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00170	.00633	-.00067	.03607	.00959	.00140
SDev	.00158	.00064	.00066	.00069	.00002	.00033	.00046
%RSD	726.25	37.581	10.493	102.78	.06247	3.4532	32.725
#1	.00134	.00215	.00586	-.00116	.03606	.00936	.00173
#2	-.00090	.00125	.00680	-.00018	.03609	.00983	.00108
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00058	.00121
SDev	.00031	.00120
%RSD	53.159	99.611
#1	-.00036	.00036
#2	-.00080	.00206
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5312	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0598989	--	--	--	--	--	--
#1	5314	--	--	--	--	--	--
#2	5310	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855015/(1:5) Operator: TWS
Run Time: 09/29/08 21:50:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02714	.00740	.44993	.11837	.00012	122.57	.00005
SDev	.00113	.00043	.00148	.00039	.00001	.25	.00013
%RSD	4.1506	5.8616	.32977	.33125	6.9818	.20172	265.01
#1	.02794	.00709	.44888	.11809	.00011	122.75	.00015
#2	.02634	.00770	.45097	.11865	.00013	122.40	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.00353	-.00005	.19671	23.127	42.939	2.0852
SDev	.00059	.00058	.00006	.00740	.237	.102	.0068
%RSD	40.073	16.448	120.41	3.7615	1.0267	.23789	.32581
#1	.00105	.00394	-.00001	.19148	22.959	42.867	2.0804
#2	.00188	.00312	-.00010	.20194	23.295	43.012	2.0900
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	53.963	.01075	-.00143	.00168	.00064	.00297	.00063
SDev	.098	.00035	.00144	.00234	.00204	.00047	.00433
%RSD	.18168	3.2669	100.78	139.45	316.64	15.687	692.58
#1	53.893	.01100	-.00244	.00002	-.00080	.00264	.00369
#2	54.032	.01050	-.00041	.00333	.00209	.00330	-.00244
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00277	.00583	.00103	-.00233	.00699	.00214	-.00199
SDev	.00310	.00085	.00026	.00244	.00034	.00017	.00067
%RSD	111.86	14.572	25.292	104.82	4.8284	7.9138	33.488
#1	-.00496	.00644	.00121	-.00405	.00675	.00202	-.00152
#2	-.00058	.00523	.00084	-.00060	.00723	.00226	-.00247
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00164
SDev	.00002	.00053
%RSD	46.724	32.365
#1	-.00003	.00126
#2	-.00006	.00201
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5687	--	--	--	--	--	--
SDev	36.59278	--	--	--	--	--	--
%RSD	.6434602	--	--	--	--	--	--
#1	5713	--	--	--	--	--	--
#2	5661	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855005 Operator: TWS
Run Time: 09/29/08 21:55:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10462	.01980	.31648	.36565	.00001	206.07	.00003
SDev	.00005	.00038	.00054	.00076	.00001	.02	.00014
%RSD	.04267	1.9124	.17133	.20779	132.63	.01091	542.44
#1	.10465	.02007	.31687	.36618	.00000	206.08	-.00007
#2	.10459	.01953	.31610	.36511	.00001	206.05	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00011	.00059	26.543	7.2627	111.31	.15464
SDev	.00006	.00044	.00023	.001	.0526	.26	.00077
%RSD	9.7388	410.72	40.114	.00190	.72444	.23519	.49936
#1	.00060	-.00020	.00042	26.543	7.2999	111.50	.15519
#2	.00069	.00041	.00075	26.542	7.2255	111.13	.15410
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	79.283	.01864	-.00195	.00025	-.00048	.00229	.00235
SDev	.251	.00023	.00434	.00057	.00106	.00460	.00158
%RSD	.31708	1.2615	222.87	234.08	219.09	201.06	67.217
#1	79.105	.01881	-.00502	.00065	-.00124	-.00096	.00123
#2	79.460	.01847	.00112	-.00016	.00027	.00554	.00347
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00169	.00259	.00049	-.00118	.00178	.02737	-.00012
SDev	.00966	.00207	.00009	.00149	.00015	.00021	.00044
%RSD	570.61	80.027	18.038	126.35	8.7099	.77240	366.07
#1	-.00514	.00112	.00043	-.00223	.00167	.02752	.00019
#2	.00853	.00405	.00056	-.00013	.00189	.02722	-.00043
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00013	.00023
SDev	.00021	.00136
%RSD	166.74	594.19
#1	.00028	-.00073
#2	-.00002	.00119
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5686	--	--	--	--	--	--
SDev	19.19788	--	--	--	--	--	--
%RSD	.3376535	--	--	--	--	--	--
#1	5699	--	--	--	--	--	--
#2	5672	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855005/L (1:5) Operator: TWS
Run Time: 09/29/08 22:00:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02380	.00376	.06660	.07213	-.00002	41.145	.00006
SDev	.00575	.00016	.00065	.00027	.00000	.070	.00004
%RSD	24.155	4.2780	.97527	.37876	15.485	.17123	69.415
#1	.01974	.00388	.06614	.07232	-.00002	41.095	.00003
#2	.02787	.00365	.06706	.07193	-.00002	41.195	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00042	.00029	5.3642	1.3203	22.062	.03138
SDev	.00002	.00049	.00024	.0175	.0231	.026	.00008
%RSD	13.409	116.70	80.689	.32681	1.7490	.11847	.26406
#1	-.00016	.00077	.00046	5.3518	1.3366	22.081	.03144
#2	-.00013	.00007	.00013	5.3766	1.3040	22.044	.03132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.293	.00336	-.00040	.00088	.00046	.00168	.00313
SDev	.163	.00061	.00190	.00029	.00044	.00011	.00052
%RSD	1.0681	18.113	472.40	33.049	96.164	6.5282	16.643
#1	15.409	.00293	.00094	.00068	.00077	.00161	.00276
#2	15.178	.00379	-.00175	.00109	.00015	.00176	.00349
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00287	.00109	.00002	.00174	-.00002	.00602	.00109
SDev	.00217	.00125	.00008	.00448	.00014	.00042	.00127
%RSD	75.875	114.37	485.41	258.18	884.82	6.8913	116.58
#1	.00440	.00021	-.00004	.00490	-.00012	.00573	.00198
#2	.00133	.00198	.00007	-.00143	.00008	.00632	.00019
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00038
SDev	.00002	.00033
%RSD	36.507	87.098
#1	-.00006	.00061
#2	-.00003	.00015
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5740	--	--	--	--	--	--
SDev	32.77447	--	--	--	--	--	--
%RSD	.5710310	--	--	--	--	--	--
#1	5716	--	--	--	--	--	--
#2	5763	--	--	--	--	--	--

Analysis Report 09/29/08 10:10:58 PM page 1

Method: TRACE1 Sample Name: AD855005/PS Operator: TWS
Run Time: 09/29/08 22:05:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.650	.21987	.52265	.57629	.19881	216.34	.19545
SDev	.019	.00149	.00268	.00309	.00188	.14	.00006
%RSD	.18089	.67965	.51322	.53610	.94508	.06247	.02857
#1	10.636	.21882	.52076	.57410	.19748	216.25	.19541
#2	10.663	.22093	.52455	.57847	.20014	216.44	.19549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19475	.19791	.19867	36.544	18.779	121.64	.35275
SDev	.00101	.00011	.00119	.012	.379	.83	.00305
%RSD	.51792	.05295	.59646	.03237	2.0205	.68230	.86499
#1	.19404	.19784	.19783	36.536	18.511	121.06	.35060
#2	.19547	.19799	.19950	36.553	19.048	122.23	.35491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	89.438	.21273	.18977	.19789	.19519	.20494	.20016
SDev	.371	.00006	.00337	.00470	.00426	.00142	.00239
%RSD	.41434	.02697	1.7771	2.3753	2.1817	.69401	1.1925
#1	89.176	.21269	.18739	.19457	.19218	.20394	.19847
#2	89.700	.21277	.19215	.20122	.19820	.20595	.20185
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20234	.20624	.20115	.19565	.20144	.21817	.16788
SDev	.00085	.00171	.00039	.00000	.00097	.00077	.00213
%RSD	.41787	.82947	.19317	.00023	.48381	.35478	1.2713
#1	.20174	.20504	.20088	.19565	.20075	.21762	.16939
#2	.20294	.20745	.20143	.19565	.20213	.21872	.16637
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05170	.20135
SDev	.00032	.00076
%RSD	.61574	.37858
#1	.05147	.20082
#2	.05192	.20189
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5683	--	--	--	--	--	--
SDev	51.86635	--	--	--	--	--	--
%RSD	.9126378	--	--	--	--	--	--
#1	5720	--	--	--	--	--	--
#2	5646	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 10:18:58 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 22:13:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.992	.48310	.48881	.49765	.49872	24.787	.48869
SDev	.004	.00047	.00102	.00007	.00205	.085	.00297
%RSD	.01714	.09756	.20890	.01327	.41137	.34249	.60797
#1	24.989	.48343	.48809	.49770	.49727	24.727	.48659
#2	24.995	.48276	.48953	.49761	.50017	24.847	.49079
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48838	.50980	.48792	24.611	25.409	24.874	.50148
SDev	.00112	.00173	.00039	.068	.097	.108	.00195
%RSD	.23020	.34036	.08057	.27780	.38142	.43530	.38839
#1	.48758	.50858	.48820	24.562	25.341	24.798	.50010
#2	.48917	.51103	.48765	24.659	25.478	24.951	.50286
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.507	.49781	.49937	.49940	.49939	.51339	.50343
SDev	.023	.00043	.00776	.00479	.00578	.00112	.00149
%RSD	.09323	.08568	1.5541	.95891	1.1571	.21752	.29590
#1	24.491	.49751	.49388	.49601	.49530	.51260	.50449
#2	24.523	.49811	.50486	.50279	.50348	.51418	.50238
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51374	.51323	.51242	.49455	.49008	.49855	.50926
SDev	.00292	.00021	.00095	.00575	.00094	.00283	.00062
%RSD	.56924	.04148	.18612	1.1623	.19095	.56860	.12175
#1	.51167	.51308	.51175	.49049	.48942	.49655	.50882
#2	.51581	.51338	.51310	.49862	.49074	.50056	.50970
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49975	.49350
SDev	.00061	.00179
%RSD	.12183	.36374
#1	.50018	.49223
#2	.49932	.49477
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5617	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0490942	--	--	--	--	--	--
#1	5615	--	--	--	--	--	--
#2	5619	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 10:24:02 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 22:19:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02999	-.00152	.00319	.00021	.00025	.02754	.00029
SDev	.00463	.00035	.00017	.00003	.00003	.00045	.00002
%RSD	15.430	23.028	5.3774	16.289	10.086	1.6245	5.0551
#1	.03326	-.00127	.00307	.00024	.00027	.02785	.00028
#2	.02672	-.00177	.00332	.00019	.00023	.02722	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00019	.00035	.02605	-.00289	.02569	.00018
SDev	.00028	.00012	.00067	.00437	.00408	.00039	.00006
%RSD	50.048	61.719	189.31	16.793	141.09	1.5042	36.788
#1	.00075	.00027	-.00012	.02914	-.00578	.02541	.00013
#2	.00036	.00011	.00082	.02295	-.00001	.02596	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00549	.00029	-.00218	.00008	-.00067	.00117	-.00011
SDev	.01408	.00047	.00110	.00317	.00175	.00299	.00000
%RSD	256.30	159.41	50.439	3910.1	259.45	254.69	2.8466
#1	.01545	.00063	-.00296	.00232	.00056	-.00094	-.00011
#2	-.00446	-.00004	-.00140	-.00216	-.00191	.00329	-.00010
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	.00319	.00024	-.00052	.00021	.00170	.00046
SDev	.00391	.00644	.00003	.00080	.00000	.00016	.00000
%RSD	136.87	201.90	13.733	152.99	.56701	9.2015	.71337
#1	-.00009	-.00136	.00027	.00004	.00021	.00159	.00046
#2	-.00562	.00774	.00022	-.00109	.00021	.00182	.00046
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00044	.00021
SDev	.00030	.00019
%RSD	68.326	89.257
#1	.00065	.00008
#2	.00023	.00035
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5685	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.2164106	--	--	--	--	--	--
#1	5694	--	--	--	--	--	--
#2	5677	--	--	--	--	--	--

Analysis Report 09/29/08 10:29:06 PM page 1

Method: TRACE1 Sample Name: AD855006/MS Operator: TWS
Run Time: 09/29/08 22:24:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.038	.21990	.48585	.56204	.19431	211.18	.19042
SDev	.024	.00103	.00128	.00343	.00137	.15	.00038
%RSD	.23560	.47058	.26280	.60993	.70282	.07270	.20017
#1	10.055	.21917	.48675	.56446	.19527	211.08	.19069
#2	10.021	.22063	.48495	.55961	.19334	211.29	.19015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19127	.19588	.19724	36.111	16.989	119.58	.34657
SDev	.00010	.00001	.00098	.039	.271	.48	.00210
%RSD	.05126	.00473	.49829	.10879	1.5980	.40187	.60584
#1	.19134	.19587	.19793	36.083	17.181	119.92	.34806
#2	.19120	.19588	.19654	36.138	16.797	119.24	.34509
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.456	.20713	.19231	.19236	.19235	.20388	.20137
SDev	.614	.00015	.00253	.00119	.00005	.00058	.00131
%RSD	.70249	.07197	1.3178	.61899	.02585	.28481	.65194
#1	87.890	.20702	.19410	.19152	.19238	.20347	.20044
#2	87.021	.20723	.19052	.19321	.19231	.20429	.20229
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20612	.20276	.19633	.19393	.19661	.19527	.20099
SDev	.00171	.00173	.00032	.00136	.00031	.00057	.00037
%RSD	.82993	.85140	.16277	.70009	.15986	.29158	.18331
#1	.20733	.20154	.19656	.19297	.19639	.19486	.20125
#2	.20491	.20398	.19611	.19489	.19683	.19567	.20073
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05146	.19497
SDev	.00010	.00227
%RSD	.19209	1.1655
#1	.05153	.19658
#2	.05139	.19336
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5639	--	--	--	--	--	--
SDev	41.15341	--	--	--	--	--	--
%RSD	.7298450	--	--	--	--	--	--
#1	5610	--	--	--	--	--	--
#2	5668	--	--	--	--	--	--

Analysis Report 09/29/08 10:34:09 PM page 1

Method: TRACE1 Sample Name: AD855007/SD Operator: TWS
Run Time: 09/29/08 22:29:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8728	.21628	.47989	.54996	.19213	208.83	.18999
SDev	.0124	.00161	.00166	.00043	.00046	.10	.00035
%RSD	.12522	.74411	.34530	.07861	.23840	.04649	.18262
#1	9.8641	.21514	.47872	.54965	.19181	208.76	.19024
#2	9.8816	.21742	.48107	.55026	.19245	208.90	.18975
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19046	.19293	.19391	35.399	16.713	117.52	.34431
SDev	.00048	.00011	.00004	.025	.056	.15	.00090
%RSD	.25434	.05748	.02043	.06940	.33662	.12790	.26234
#1	.19080	.19301	.19388	35.381	16.673	117.41	.34367
#2	.19012	.19285	.19394	35.416	16.753	117.62	.34495
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	85.748	.20581	.18452	.19323	.19033	.19794	.19916
SDev	.237	.00037	.00160	.00149	.00046	.00329	.00084
%RSD	.27611	.17942	.86841	.77264	.24285	1.6619	.42272
#1	85.580	.20554	.18339	.19429	.19066	.20027	.19976
#2	85.915	.20607	.18565	.19217	.19000	.19562	.19857
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19725	.19830	.19379	.19305	.19440	.21137	.20110
SDev	.00437	.00275	.00005	.00103	.00034	.00051	.00038
%RSD	2.2133	1.3876	.02801	.53489	.17547	.24115	.18721
#1	.20033	.20024	.19383	.19378	.19415	.21173	.20084
#2	.19416	.19635	.19375	.19232	.19464	.21101	.20137
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05069	.19094
SDev	.00039	.00207
%RSD	.76798	1.0831
#1	.05042	.18947
#2	.05097	.19240
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5709	--	--	--	--	--	--
SDev	35.32012	--	--	--	--	--	--
%RSD	.6186662	--	--	--	--	--	--
#1	5734	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855008 Operator: TWS
Run Time: 09/29/08 22:34:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02303	.01031	.01858	.07317	-.00014	66.148	.00014
SDev	.00512	.00239	.00065	.00010	.00007	.047	.00005
%RSD	22.233	23.222	3.5257	.13051	50.380	.07034	33.655
#1	.02665	.01200	.01905	.07310	-.00009	66.181	.00017
#2	.01941	.00862	.01812	.07324	-.00019	66.115	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00015	.00044	1.4483	.76847	35.985	.07529
SDev	.00006	.00061	.00022	.0112	.02414	.015	.00020
%RSD	65.345	400.03	50.597	.77446	3.1417	.04303	.26918
#1	.00014	.00059	.00028	1.4562	.78554	35.974	.07543
#2	.00005	-.00028	.00060	1.4404	.75140	35.996	.07515
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1945	.00153	-.00188	.00121	.00018	.00183	.00280
SDev	.0405	.00040	.00036	.00034	.00035	.00562	.00227
%RSD	.78008	26.053	19.353	28.283	194.87	306.11	81.160
#1	5.2232	.00182	-.00162	.00145	.00043	-.00214	.00440
#2	5.1659	.00125	-.00214	.00097	-.00007	.00581	.00119
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00244	.00021	.00037	.00037	.00905	-.00040
SDev	.00697	.00494	.00016	.00113	.00029	.00014	.00000
%RSD	1108.2	202.64	76.683	309.34	77.192	1.5838	.34521
#1	-.00430	-.00106	.00033	-.00043	.00057	.00895	-.00040
#2	.00556	.00593	.00010	.00116	.00017	.00915	-.00040
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00015	.00204
SDev	.00039	.00142
%RSD	252.04	69.871
#1	.00012	.00304
#2	-.00043	.00103
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5806	--	--	--	--	--	--
SDev	3.393975	--	--	--	--	--	--
%RSD	.0584558	--	--	--	--	--	--
#1	5804	--	--	--	--	--	--
#2	5808	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855009 Operator: TWS
Run Time: 09/29/08 22:39:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02214	.00426	.02921	.04121	-.00003	116.03	-.00010
SDev	.00211	.00165	.00029	.00009	.00003	.38	.00023
%RSD	9.5380	38.719	1.0082	.21295	113.84	.32322	233.75
#1	.02363	.00543	.02942	.04115	-.00006	115.77	.00007
#2	.02065	.00309	.02900	.04127	-.00001	116.30	-.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	.00034	.00001	2.7520	1.5172	61.200	.23621
SDev	.00030	.00035	.00022	.0148	.0133	.416	.00173
%RSD	15.084	102.57	2204.7	.53802	.87572	.68050	.73330
#1	.00179	.00058	.00017	2.7416	1.5078	60.906	.23498
#2	.00221	.00009	-.00015	2.7625	1.5266	61.494	.23743
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7466	.00164	.00231	-.00004	.00075	.00187	.00187
SDev	.1440	.00019	.00194	.00091	.00004	.00214	.00127
%RSD	1.6461	11.612	83.981	2393.5	5.5726	114.36	67.739
#1	8.6448	.00151	.00369	-.00068	.00077	.00036	.00098
#2	8.8485	.00178	.00094	.00060	.00072	.00339	.00277
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00321	.00120	.00028	-.00230	.00034	.00424	.00138
SDev	.00263	.00190	.00008	.00117	.00028	.00016	.00169
%RSD	82.017	157.48	26.585	51.072	83.312	3.6733	122.13
#1	.00135	-.00014	.00023	-.00147	.00014	.00413	.00257
#2	.00507	.00254	.00034	-.00312	.00054	.00435	.00019
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00004	.00075
SDev	.00010	.00060
%RSD	232.35	78.914
#1	.00003	.00118
#2	-.00012	.00033
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5788	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1282750	--	--	--	--	--	--
#1	5793	--	--	--	--	--	--
#2	5783	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855010 Operator: TWS
Run Time: 09/29/08 22:44:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02435	-.00227	.01823	.11602	-.00009	113.21	.00022
SDev	.00134	.00053	.00014	.00026	.00004	.24	.00014
%RSD	5.4994	23.578	.75655	.22775	41.927	.20953	65.594
#1	.02340	-.00265	.01814	.11583	-.00011	113.05	.00012
#2	.02530	-.00189	.01833	.11620	-.00006	113.38	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00043	.00186	.00885	1.0021	46.497	.24785
SDev	.00002	.00007	.00061	.00176	.0112	.162	.00093
%RSD	3.2046	15.746	32.884	19.853	1.1214	.34926	.37523
#1	.00047	.00048	.00143	.00761	.99415	46.383	.24719
#2	.00050	.00038	.00229	.01009	1.0100	46.612	.24851
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4498	.00328	-.00017	.00045	.00024	.00103	.00104
SDev	.0618	.00005	.00023	.00079	.00045	.00058	.00312
%RSD	2.5229	1.4002	131.30	175.22	185.59	56.282	299.14
#1	2.4061	.00331	-.00001	-.00011	-.00008	.00144	-.00116
#2	2.4935	.00325	-.00033	.00101	.00056	.00062	.00325
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00156	.00051	-.00187	.00183	.00624	-.00087
SDev	.00049	.00063	.00005	.00272	.00002	.00036	.00188
%RSD	1776.4	40.094	8.8180	145.21	1.1420	5.7821	216.72
#1	.00032	.00200	.00048	-.00380	.00181	.00599	-.00220
#2	-.00037	.00112	.00055	.00005	.00184	.00650	.00046
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00042	.00042
SDev	.00024	.00283
%RSD	57.586	681.44
#1	.00059	-.00158
#2	.00025	.00242
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5758	--	--	--	--	--	--
SDev	51.97235	--	--	--	--	--	--
%RSD	.9026032	--	--	--	--	--	--
#1	5795	--	--	--	--	--	--
#2	5721	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855011 Operator: TWS
Run Time: 09/29/08 22:49:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02430	.00185	.02865	.04605	-.00010	91.214	-.00002
SDev	.00142	.00134	.00040	.00003	.00002	.120	.00011
%RSD	5.8474	72.364	1.4130	.07333	19.106	.13199	459.22
#1	.02530	.00090	.02837	.04607	-.00012	91.129	.00005
#2	.02329	.00279	.02894	.04602	-.00009	91.300	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00055	.00036	.00392	.99091	45.252	.00241
SDev	.00030	.00027	.00025	.01211	.00742	.055	.00000
%RSD	102.14	48.753	70.397	308.77	.74853	.12164	.08955
#1	.00050	.00074	.00054	.01249	.99615	45.213	.00241
#2	.00008	.00036	.00018	-.00464	.98566	45.291	.00241
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.2850	.00042	-.00050	.00139	.00076	-.00022	.00130
SDev	.0756	.00032	.00037	.00114	.00064	.00206	.00146
%RSD	1.7650	76.335	73.887	82.325	84.160	922.92	112.68
#1	4.3385	.00065	-.00024	.00058	.00031	-.00168	.00233
#2	4.2315	.00019	-.00076	.00219	.00121	.00123	.00026
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	-.00059	.00050	-.00340	.00070	.01178	.00107
SDev	.00156	.00230	.00008	.00074	.00014	.00014	.00000
%RSD	305.30	390.54	15.016	21.674	20.258	1.1858	.07103
#1	-.00059	-.00222	.00056	-.00288	.00080	.01168	.00107
#2	.00162	.00104	.00045	-.00392	.00060	.01187	.00107
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	-.00031
SDev	.00030	.00046
%RSD	175.88	149.43
#1	-.00039	-.00063
#2	.00004	.00002
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5801	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0731351	--	--	--	--	--	--
#1	5798	--	--	--	--	--	--
#2	5804	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855012 Operator: TWS
Run Time: 09/29/08 22:54:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01913	-.00105	.03250	.20631	-.00008	94.921	-.00002
SDev	.00101	.00109	.00124	.00104	.00002	.096	.00029
%RSD	5.2901	103.80	3.8152	.50430	29.751	.10094	1685.8
#1	.01985	-.00182	.03162	.20558	-.00010	94.854	-.00022
#2	.01842	-.00028	.03337	.20705	-.00007	94.989	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	-.00017	.00242	.00523	2.4184	49.901	.00204
SDev	.00028	.00044	.00032	.00694	.0278	.250	.00004
%RSD	72.740	265.23	13.405	132.64	1.1504	.50170	2.1425
#1	.00019	.00015	.00219	.00033	2.3987	49.724	.00201
#2	.00059	-.00048	.00264	.01014	2.4381	50.078	.00207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.496	.00202	-.00363	.00334	.00102	.00340	.00231
SDev	.104	.00019	.00119	.00135	.00129	.00003	.00085
%RSD	.53157	9.4778	32.828	40.339	127.13	.99535	37.050
#1	19.422	.00189	-.00278	.00429	.00193	.00342	.00291
#2	19.569	.00216	-.00447	.00238	.00010	.00338	.00170
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00473	.00047	-.00043	.00283	.00727	.00162
SDev	.00183	.00086	.00033	.00119	.00002	.00026	.00042
%RSD	245.09	18.234	69.742	276.32	.55369	3.5348	26.125
#1	.00204	.00412	.00024	.00041	.00282	.00745	.00192
#2	-.00055	.00534	.00070	-.00127	.00284	.00709	.00132
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00070
SDev	.00044	.00041
%RSD	919.70	58.214
#1	-.00036	.00099
#2	.00026	.00041
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5782	--	--	--	--	--	--
SDev	31.07748	--	--	--	--	--	--
%RSD	.5374890	--	--	--	--	--	--
#1	5804	--	--	--	--	--	--
#2	5760	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855013 Operator: TWS
Run Time: 09/29/08 22:59:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02464	.00115	.03322	.06661	-.00006	91.632	.00016
SDev	.00233	.00074	.00041	.00038	.00003	.252	.00016
%RSD	9.4399	64.113	1.2267	.57770	48.651	.27461	103.28
#1	.02629	.00063	.03351	.06633	-.00004	91.454	.00004
#2	.02300	.00167	.03293	.06688	-.00008	91.810	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00059	.00015	.00253	.03725	2.4597	48.840	.00482
SDev	.00003	.00008	.00010	.00507	.0101	.359	.00009
%RSD	4.7716	54.065	3.9107	13.595	.41029	.73478	1.9369
#1	.00061	.00021	.00246	.03367	2.4526	48.586	.00489
#2	.00057	.00009	.00260	.04084	2.4668	49.094	.00476
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.996	.00235	.00091	.00002	.00031	.00141	.00165
SDev	.035	.00035	.00052	.00119	.00062	.00095	.00047
%RSD	.20792	14.799	57.822	7756.1	199.00	67.159	28.348
#1	17.021	.00260	.00128	-.00083	-.00013	.00074	.00198
#2	16.971	.00211	.00054	.00086	.00075	.00208	.00132
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	.00102	.00015	.00146	.00041	.01336	-.00002
SDev	.00083	.00184	.00012	.00467	.00029	.00023	.00022
%RSD	37.677	180.28	78.224	320.00	71.255	1.7507	1143.6
#1	.00279	-.00028	.00024	-.00184	.00061	.01352	-.00018
#2	.00161	.00232	.00007	.00476	.00020	.01319	.00014
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.00031
SDev	.00043	.00170
%RSD	583.75	549.14
#1	.00023	-.00089
#2	-.00038	.00151
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5757	--	--	--	--	--	--
SDev	34.47145	--	--	--	--	--	--
%RSD	.5987356	--	--	--	--	--	--
#1	5733	--	--	--	--	--	--
#2	5782	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855018 Operator: TWS
Run Time: 09/29/08 23:04:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04019	.00294	.07060	.40023	.00035	236.74	.00017
SDev	.00190	.00141	.00100	.00003	.00001	.41	.00006
%RSD	4.7229	47.952	1.4174	.00664	1.6042	.17399	37.655
#1	.04153	.00194	.07130	.40021	.00035	237.03	.00012
#2	.03884	.00393	.06989	.40025	.00034	236.45	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	.00055	-.00064	.00735	6.5501	65.448	1.0238
SDev	.00036	.00028	.00008	.00273	.0046	.094	.0014
%RSD	28.119	51.340	12.348	37.144	.07058	.14375	.13723
#1	.00154	.00075	-.00070	.00928	6.5534	65.515	1.0248
#2	.00103	.00035	-.00059	.00542	6.5468	65.382	1.0229
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.212	.00235	-.00289	.00024	-.00080	.00481	.00079
SDev	.008	.00040	.00217	.00057	.00035	.00019	.00127
%RSD	.03797	17.057	75.152	237.25	43.056	3.8631	159.89
#1	21.206	.00263	-.00136	-.00016	-.00056	.00494	-.00010
#2	21.217	.00207	-.00443	.00064	-.00105	.00468	.00169
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	.00605	.00029	-.00055	.00011	.00643	-.00106
SDev	.00240	.00092	.00008	.00100	.00015	.00015	.00111
%RSD	103.27	15.221	27.677	180.43	129.67	2.4013	103.92
#1	.00402	.00540	.00023	-.00126	.00022	.00654	-.00028
#2	.00063	.00670	.00034	.00015	.00001	.00632	-.00185
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00030	.00094
SDev	.00004	.00068
%RSD	12.467	71.794
#1	.00027	.00046
#2	.00033	.00142
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5517	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0384485	--	--	--	--	--	--
#1	5519	--	--	--	--	--	--
#2	5516	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855019 Operator: TWS
Run Time: 09/29/08 23:09:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02835	-.00059	.00595	.00013	.00008	.12852	.00014
SDev	.00499	.00088	.00010	.00006	.00000	.00081	.00024
%RSD	17.611	150.54	1.6317	42.157	.72676	.62599	168.03
#1	.03188	-.00121	.00588	.00009	.00008	.12909	-.00003
#2	.02482	.00004	.00602	.00017	.00008	.12795	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.00004	.00029	.01307	-.00988	.01208	.00028
SDev	.00006	.00026	.00006	.00178	.00107	.00443	.00000
%RSD	28.597	697.59	20.366	13.632	10.846	36.690	.49815
#1	.00017	.00015	.00025	.01433	-.00912	.01522	.00028
#2	.00026	-.00022	.00033	.01181	-.01063	.00895	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10995	.00016	-.00018	.00122	.00075	.00296	.00235
SDev	.00762	.00021	.00022	.00128	.00078	.00383	.00072
%RSD	6.9333	132.37	119.85	105.14	103.93	129.24	30.586
#1	.11534	.00001	-.00034	.00212	.00130	.00026	.00184
#2	.10456	.00031	-.00003	.00031	.00020	.00567	.00286
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00400	.00002	-.00325	.00001	.00428	-.00205
SDev	.00011	.00580	.00037	.00028	.00030	.00002	.00001
%RSD	12.451	145.17	2116.2	8.6723	5830.1	.36726	.65102
#1	.00098	-.00011	-.00024	-.00305	.00021	.00427	-.00204
#2	.00082	.00810	.00028	-.00345	-.00020	.00429	-.00206
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	-.00095
SDev	.00004	.00158
%RSD	22.665	166.19
#1	.00014	-.00206
#2	.00020	.00017
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5563	--	--	--	--	--	--
SDev	18.66789	--	--	--	--	--	--
%RSD	.3355604	--	--	--	--	--	--
#1	5576	--	--	--	--	--	--
#2	5550	--	--	--	--	--	--

Analysis Report QC Standard 09/29/08 11:22:41 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/29/08 23:17:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.977	.48442	.49012	.49940	.50125	24.767	.49264
SDev	.003	.00286	.00055	.00119	.00008	.017	.00157
%RSD	.01234	.59152	.11254	.23859	.01630	.07044	.31810
#1	24.975	.48644	.48973	.49855	.50130	24.779	.49375
#2	24.979	.48239	.49051	.50024	.50119	24.754	.49154
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49095	.51086	.48882	24.705	25.627	24.980	.50432
SDev	.00112	.00058	.00032	.037	.071	.010	.00032
%RSD	.22783	.11279	.06629	.14808	.27705	.03856	.06411
#1	.49174	.51045	.48859	24.731	25.577	24.987	.50410
#2	.49015	.51127	.48905	24.679	25.677	24.973	.50455
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.476	.50065	.49571	.50297	.50055	.50589	.50165
SDev	.035	.00115	.00025	.00208	.00130	.00030	.00482
%RSD	.14434	.22935	.05010	.41321	.26043	.05874	.96135
#1	24.501	.50146	.49553	.50444	.50147	.50568	.50506
#2	24.451	.49984	.49589	.50150	.49963	.50610	.49824
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50281	.50743	.51383	.49264	.49124	.50083	.51035
SDev	.00502	.00296	.00021	.00365	.00033	.00179	.00103
%RSD	.99904	.58282	.04131	.74170	.06744	.35658	.20164
#1	.50637	.50534	.51398	.49006	.49100	.50209	.51108
#2	.49926	.50952	.51368	.49523	.49147	.49957	.50963
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50099	.49457
SDev	.00001	.00086
%RSD	.00134	.17394
#1	.50098	.49518
#2	.50099	.49396
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5605	--	--	--	--	--	--
SDev	11.34893	--	--	--	--	--	--
%RSD	.2024795	--	--	--	--	--	--
#1	5597	--	--	--	--	--	--
#2	5613	--	--	--	--	--	--

Analysis Report Blank Sample 09/29/08 11:27:46 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/29/08 23:22:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00134	.00021	.00265	.00008	.00015	.00539	.00006
SDev	.00256	.00001	.00014	.00002	.00001	.00072	.00007
%RSD	191.65	3.0281	5.3785	20.531	4.1602	13.247	114.15
#1	-.00315	.00021	.00254	.00007	.00015	.00489	.00011
#2	.00047	.00022	.00275	.00009	.00014	.00590	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	-.00026	.00082	-.00914	-.01529	.00487	.00011
SDev	.00022	.00018	.00014	.00078	.00044	.00044	.00010
%RSD	170.99	68.614	16.631	8.5773	2.8577	9.0914	86.909
#1	-.00029	-.00014	.00072	-.00858	-.01560	.00456	.00004
#2	.00003	-.00039	.00091	-.00969	-.01498	.00518	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03131	-.00043	.00106	-.00077	-.00016	-.00181	.00210
SDev	.02169	.00002	.00057	.00045	.00049	.00142	.00212
%RSD	69.259	5.1727	54.060	58.727	311.64	78.581	100.63
#1	.01598	-.00041	.00147	-.00045	.00019	-.00282	.00061
#2	.04665	-.00044	.00066	-.00108	-.00050	-.00080	.00360
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00543	-.00000	-.00007	.00222	-.00010	.00097	-.00002
SDev	.00068	.00248	.00011	.00202	.00044	.00032	.00023
%RSD	12.566	71257.	169.61	91.043	447.45	32.837	1077.8
#1	-.00494	-.00175	-.00015	.00079	-.00041	.00120	-.00019
#2	-.00591	.00175	.00001	.00365	.00021	.00075	.00014
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00022	.00217
SDev	.00024	.00078
%RSD	111.88	35.897
#1	-.00005	.00272
#2	-.00039	.00162
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5607	--	--	--	--	--	--
SDev	40.51708	--	--	--	--	--	--
%RSD	.7226740	--	--	--	--	--	--
#1	5578	--	--	--	--	--	--
#2	5635	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855522/PB Operator: TWS
Run Time: 09/29/08 23:27:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00995	-.00206	.00315	.00009	.00026	.00767	-.00001
SDev	.00194	.00209	.00058	.00018	.00010	.00412	.00038
%RSD	19.537	101.18	18.567	204.15	36.610	53.712	3940.6
#1	.01133	-.00354	.00273	.00021	.00033	.01058	.00026
#2	.00858	-.00059	.00356	-.00004	.00019	.00475	-.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00082	-.00019	-.00079	-.03910	.00602	.00002
SDev	.00025	.00053	.00000	.00881	.00119	.00269	.00016
%RSD	38.502	64.237	1.0643	1115.0	3.0472	44.704	982.00
#1	.00081	-.00045	-.00019	.00544	-.03994	.00793	.00013
#2	.00046	-.00120	-.00019	-.00702	-.03825	.00412	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.17231	.00164	-.00530	.00221	-.00029	.00002	-.00044
SDev	.03930	.00015	.00074	.00023	.00040	.00264	.00117
%RSD	22.809	9.4421	14.030	10.272	138.41	13223.	262.66
#1	-.20010	.00175	-.00478	.00237	-.00001	.00189	.00038
#2	-.14452	.00153	-.00583	.00205	-.00057	-.00185	-.00127
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	-.00238	-.00058	-.00011	.00031	.00353	-.00120
SDev	.00002	.00395	.00057	.00273	.00044	.00031	.00235
%RSD	.44449	165.80	99.387	2419.0	141.52	8.7615	195.82
#1	.00484	.00041	-.00017	.00182	.00062	.00375	.00046
#2	.00481	-.00517	-.00098	-.00204	-.00000	.00331	-.00287
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00006	-.00134
SDev	.00051	.00229
%RSD	796.14	170.70
#1	.00042	.00028
#2	-.00030	-.00296
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5689	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1360949	--	--	--	--	--	--
#1	5684	--	--	--	--	--	--
#2	5695	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855521/FB Operator: TWS
Run Time: 09/29/08 23:32:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.865	.22338	.21703	.21678	.21626	10.773	.21623
SDev	.123	.00014	.00290	.00353	.00290	.128	.00284
%RSD	1.1343	.06325	1.3368	1.6272	1.3410	1.1869	1.3124
#1	10.778	.22328	.21498	.21428	.21421	10.683	.21423
#2	10.953	.22348	.21908	.21927	.21831	10.864	.21824
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21689	.21427	.20968	10.623	H12.732	11.043	.21742
SDev	.00188	.00300	.00294	.103	.252	.146	.00272
%RSD	.86728	1.4006	1.4019	.96656	1.9796	1.3261	1.2513
#1	.21556	.21215	.20760	10.550	H12.554	10.940	.21550
#2	.21822	.21639	.21175	10.696	H12.910	11.147	.21935
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.880	.21897	.21488	.21851	.21730	H.23761	.20597
SDev	.029	.00239	.00381	.00288	.00319	.00330	.00402
%RSD	.26961	1.0936	1.7728	1.3195	1.4688	1.3883	1.9500
#1	10.859	.21728	.21219	.21647	.21504	H.23527	.20313
#2	10.901	.22066	.21758	.22055	.21956	H.23994	.20881
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24193	.23545	.20932	.21868	.21086	.21688	.19030
SDev	.00947	.00021	.00161	.00292	.00294	.00276	.00060
%RSD	3.9132	.09105	.76942	1.3352	1.3939	1.2745	.31410
#1	.23524	.23529	.20818	.21662	.20878	.21492	.19073
#2	.24863	.23560	.21045	.22075	.21294	.21883	.18988
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05401	.18978
SDev	.00008	.00762
%RSD	.14108	4.0175
#1	.05407	.18438
#2	.05396	.19517
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5569	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.0857065	--	--	--	--	--	--
#1	5566	--	--	--	--	--	--
#2	5572	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855504 Operator: TWS
Run Time: 09/29/08 23:37:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03065	.00362	.10392	.07184	.00039	66.243	-.00016
SDev	.00295	.00259	.00073	.00041	.00003	.006	.00003
%RSD	9.6113	71.397	.70682	.57467	6.7005	.00867	17.353
#1	.03273	.00545	.10341	.07155	.00041	66.239	-.00018
#2	.02857	.00179	.10444	.07213	.00037	66.247	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	-.00039	.00071	.08413	7.3101	49.882	.24769
SDev	.00020	.00012	.00024	.00041	.1139	.268	.00099
%RSD	27.546	30.455	34.286	.48799	1.5580	.53640	.39872
#1	.00087	-.00030	.00088	.08442	7.2295	49.693	.24699
#2	.00058	-.00047	.00053	.08384	7.3906	50.071	.24838
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.581	.00623	-.00713	.00301	-.00036	.00080	-.00053
SDev	.065	.00039	.00072	.00088	.00035	.00094	.00061
%RSD	.48120	6.1990	10.050	29.096	95.017	118.25	115.63
#1	13.534	.00650	-.00764	.00363	-.00012	.00147	-.00010
#2	13.627	.00596	-.00663	.00239	-.00061	.00013	-.00095
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00790	-.00275	.00052	.00072	.00084	.00358	.00194
SDev	.00324	.00020	.00001	.00093	.00029	.00033	.00217
%RSD	41.023	7.3281	1.8887	128.95	34.263	9.2996	111.64
#1	.01019	-.00289	.00053	.00138	.00104	.00335	.00041
#2	.00561	-.00261	.00052	.00006	.00063	.00382	.00348
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00043	.00207
SDev	.00002	.00153
%RSD	3.9128	73.896
#1	.00044	.00099
#2	.00041	.00316
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5620	--	--	--	--	--	--
SDev	35.00178	--	--	--	--	--	--
%RSD	.6227688	--	--	--	--	--	--
#1	5645	--	--	--	--	--	--
#2	5596	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855505 Operator: TWS
Run Time: 09/29/08 23:43:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00699	.00039	.09957	.09549	.00041	162.51	-.00033
SDev	.00374	.00084	.00231	.00087	.00007	2.03	.00002
%RSD	53.425	218.45	2.3232	.91359	18.441	1.2462	4.6830
#1	.00435	.00098	.09793	.09487	.00035	161.08	-.00032
#2	.00964	-.00021	.10120	.09610	.00046	163.94	-.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00447	-.00083	.00051	.14521	6.9836	50.117	3.2602
SDev	.00054	.00002	.00038	.01172	.1098	.577	.0369
%RSD	12.152	1.8431	74.688	8.0730	1.5721	1.1517	1.1317
#1	.00408	-.00084	.00024	.13692	6.9059	49.708	3.2341
#2	.00485	-.00082	.00078	.15350	7.0612	50.525	3.2862
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4924	.01438	-.00484	.00080	-.00108	.00175	-.00073
SDev	.3391	.00076	.00018	.00037	.00031	.00103	.00385
%RSD	3.5727	5.2497	3.7561	46.227	28.388	59.064	528.61
#1	9.2526	.01385	-.00471	.00106	-.00086	.00248	-.00345
#2	9.7322	.01492	-.00497	.00054	-.00130	.00102	.00200
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00947	-.00211	-.00051	.00616	.00000	.01682	.00176
SDev	.00436	.00063	.00004	.00293	.00000	.00151	.00066
%RSD	46.103	29.935	7.9778	47.487	42.965	8.9788	37.382
#1	.01255	-.00255	-.00054	.00823	.00000	.01575	.00130
#2	.00638	-.00166	-.00048	.00409	.00001	.01788	.00223
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00033	-.00022
SDev	.00020	.00126
%RSD	60.279	581.31
#1	-.00047	-.00110
#2	-.00019	.00067
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5527	--	--	--	--	--	--
SDev	32.56213	--	--	--	--	--	--
%RSD	.5891012	--	--	--	--	--	--
#1	5550	--	--	--	--	--	--
#2	5504	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855511 Operator: TWS
Run Time: 09/29/08 23:48:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05174	-.00052	.02078	.01435	.00026	9.8381	-.00006
SDev	.00124	.00115	.00019	.00005	.00002	.0215	.00014
%RSD	2.4003	220.23	.94016	.34499	7.6445	.21897	243.34
#1	.05261	-.00134	.02091	.01431	.00027	9.8533	-.00015
#2	.05086	.00029	.02064	.01438	.00024	9.8228	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00036	.00171	.58496	2.9510	1.9762	.04242
SDev	.00014	.00014	.00000	.00193	.0135	.0106	.00053
%RSD	15.672	37.978	.05411	.33036	.45918	.53798	1.2534
#1	.00078	.00046	.00171	.58633	2.9414	1.9837	.04280
#2	.00098	.00027	.00171	.58360	2.9606	1.9687	.04204
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.661	.00283	-.00613	.00475	.00113	.00427	.00139
SDev	.055	.00051	.00038	.00076	.00038	.00218	.00157
%RSD	.25573	17.937	6.1327	15.951	33.722	51.224	113.34
#1	21.622	.00247	-.00639	.00528	.00140	.00272	.00028
#2	21.701	.00319	-.00586	.00421	.00086	.00581	.00250
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00558	.00361	.00070	.00051	.00051	.00454	-.00022
SDev	.00204	.00226	.00010	.00102	.00044	.00076	.00086
%RSD	36.484	62.625	14.343	197.97	86.270	16.824	397.28
#1	.00414	.00201	.00062	-.00021	.00020	.00400	-.00083
#2	.00702	.00521	.00077	.00123	.00082	.00508	.00039
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00046	.00089
SDev	.00002	.00019
%RSD	4.5463	21.097
#1	.00044	.00103
#2	.00047	.00076
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5650	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0262849	--	--	--	--	--	--
#1	5649	--	--	--	--	--	--
#2	5651	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855512 Operator: TWS
Run Time: 09/29/08 23:53:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04887	.00100	.01825	.01211	.00018	8.6535	.00002
SDev	.00278	.00033	.00040	.00008	.00001	.0385	.00009
%RSD	5.6808	33.296	2.1909	.63773	5.5028	.44466	402.68
#1	.05083	.00076	.01853	.01206	.00017	8.6263	-.00004
#2	.04690	.00123	.01797	.01217	.00019	8.6807	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00049	.00191	.64941	2.4225	1.9470	.05215
SDev	.00014	.00055	.00004	.00589	.0619	.0150	.00050
%RSD	31.317	111.96	2.0025	.90723	2.5554	.77006	.96554
#1	.00035	.00089	.00188	.65357	2.3787	1.9364	.05179
#2	.00054	.00010	.00193	.64524	2.4662	1.9576	.05250
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.981	.00198	-.00347	.00420	.00165	.00129	.00109
SDev	.217	.00032	.00134	.00108	.00027	.00153	.00104
%RSD	.98776	15.939	38.675	25.640	16.516	118.83	94.867
#1	21.828	.00220	-.00442	.00497	.00184	.00237	.00036
#2	22.135	.00175	-.00252	.00344	.00146	.00021	.00183
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00641	-.00127	.00057	-.00079	.00041	.00447	.00053
SDev	.00143	.00158	.00032	.00023	.00029	.00002	.00109
%RSD	22.236	124.48	56.646	29.828	72.126	.37568	204.90
#1	.00742	-.00015	.00080	-.00062	.00061	.00446	.00131
#2	.00540	-.00239	.00034	-.00095	.00020	.00448	-.00024
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00003	-.00070
SDev	.00000	.00066
%RSD	7.7143	94.569
#1	.00003	-.00023
#2	.00003	-.00117
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5608	--	--	--	--	--	--
SDev	18.87954	--	--	--	--	--	--
%RSD	.3366598	--	--	--	--	--	--
#1	5621	--	--	--	--	--	--
#2	5595	--	--	--	--	--	--

Analysis Report 09/30/08 00:03:14 AM page 1

Method: TRACE1 Sample Name: AD855513 Operator: TWS
Run Time: 09/29/08 23:58:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04888	.00289	.02027	.01439	.00031	9.8430	-.00013
SDev	.00066	.00319	.00074	.00003	.00003	.0362	.00009
%RSD	1.3545	110.31	3.6405	.19973	10.751	.36780	69.049
#1	.04934	.00515	.01975	.01441	.00033	9.8686	-.00007
#2	.04841	.00064	.02079	.01437	.00028	9.8174	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00088	.00004	.00137	.58516	2.9530	1.9811	.04225
SDev	.00017	.00016	.00028	.00292	.0419	.0111	.00008
%RSD	19.111	363.98	20.143	.49852	1.4183	.55909	.19797
#1	.00076	-.00007	.00117	.58722	2.9234	1.9889	.04231
#2	.00100	.00015	.00156	.58310	2.9826	1.9733	.04219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.203	.00265	-.00245	.00329	.00138	.00091	-.00254
SDev	.058	.00014	.00022	.00057	.00045	.00070	.00342
%RSD	.25937	5.1203	8.9984	17.211	32.713	77.107	134.71
#1	22.162	.00256	-.00260	.00289	.00106	.00041	-.00496
#2	22.244	.00275	-.00229	.00369	.00170	.00140	-.00012
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00309	-.00018	.00044	.00241	.00061	.00476	.00146
SDev	.00039	.00124	.00021	.00065	.00030	.00047	.00021
%RSD	12.511	678.78	47.419	26.977	48.197	9.8679	14.737
#1	.00336	-.00106	.00030	.00287	.00082	.00509	.00161
#2	.00281	.00070	.00059	.00195	.00040	.00443	.00131
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	-.00014
SDev	.00003	.00043
%RSD	8.9548	311.40
#1	.00032	.00016
#2	.00037	-.00044
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5648	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1971932	--	--	--	--	--	--
#1	5640	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855514 Operator: TWS
Run Time: 09/30/08 00:03:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09258	.00283	.16137	.01514	.00072	47.346	.00010
SDev	.00525	.00061	.00056	.00000	.00007	.103	.00016
%RSD	5.6692	21.585	.34653	.01122	9.7555	.21845	166.40
#1	.08887	.00240	.16176	.01515	.00077	47.420	.00022
#2	.09629	.00327	.16097	.01514	.00067	47.273	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.00029	.01843	.02724	14.772	17.141	.03360
SDev	.00011	.00016	.00038	.01021	.099	.095	.00004
%RSD	6.3504	54.310	2.0845	37.477	.66931	.55675	.12138
#1	.00159	-.00018	.01871	.02002	14.842	17.209	.03363
#2	.00174	-.00041	.01816	.03445	14.702	17.074	.03357
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2959.9	.00764	-.00613	.00225	-.00054	.00870	.00137
SDev	.6	.00124	.00040	.00145	.00110	.00069	.00236
%RSD	.01918	16.167	6.6043	64.455	202.65	7.9334	172.81
#1	H2959.5	.00852	-.00585	.00327	.00024	.00821	.00304
#2	H2960.3	.00677	-.00642	.00122	-.00132	.00918	-.00030
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01807	.00401	-.00023	-.00082	.00064	.00802	-.00410
SDev	.00354	.00074	.00008	.00358	.00017	.00017	.00099
%RSD	19.615	18.376	32.909	438.09	26.058	2.1848	24.238
#1	.01556	.00453	-.00018	-.00335	.00052	.00790	-.00340
#2	.02057	.00349	-.00029	.00172	.00076	.00814	-.00480
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00079	.01377
SDev	.00066	.00092
%RSD	83.651	6.6883
#1	.00126	.01442
#2	.00032	.01312
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4917	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0107848	--	--	--	--	--	--
#1	4917	--	--	--	--	--	--
#2	4918	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855515 Operator: TWS
Run Time: 09/30/08 00:08:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7232	.00822	.38034	.04887	.00216	79.060	.00075
SDev	.0046	.00241	.00022	.00006	.00003	.117	.00037
%RSD	.26721	29.334	.05683	.13095	1.3172	.14847	49.620
#1	1.7265	.00651	.38049	.04892	.00214	79.143	.00102
#2	1.7200	.00992	.38019	.04883	.00218	78.977	.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00423	.00018	.00827	.14094	33.605	29.305	.29331
SDev	.00015	.00031	.00035	.00386	.107	.021	.00032
%RSD	3.6655	168.43	4.2712	2.7412	.31724	.07288	.10816
#1	.00434	.00040	.00802	.14367	33.530	29.290	.29308
#2	.00412	-.00003	.00852	.13821	33.681	29.320	.29353
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4686.9	.06734	-.00410	.00082	-.00082	.02353	.00038
SDev	3.4	.00080	.00243	.00118	.00160	.00062	.00222
%RSD	.07348	1.1811	59.362	143.98	194.86	2.6203	584.72
#1	H4689.3	.06791	-.00582	-.00001	-.00195	.02310	-.00119
#2	H4684.4	.06678	-.00238	.00165	.00031	.02397	.00195
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03236	.01912	-.00058	.00109	.00317	.02462	-.00026
SDev	.00457	.00136	.00005	.00736	.00021	.00067	.00091
%RSD	14.133	7.1241	8.0157	674.07	6.5903	2.7112	357.20
#1	.02913	.02008	-.00054	.00629	.00332	.02509	.00039
#2	.03560	.01816	-.00061	-.00411	.00302	.02415	-.00090
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00054	.02632
SDev	.00022	.00029
%RSD	41.170	1.0910
#1	.00038	.02652
#2	.00069	.02612
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4007	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0794175	--	--	--	--	--	--
#1	4004	--	--	--	--	--	--
#2	4009	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855516 Operator: TWS
Run Time: 09/30/08 00:13:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60005	.01087	.38427	.03803	.00199	78.979	-.00009
SDev	.00076	.00139	.00067	.00049	.00001	.022	.00017
%RSD	.12679	12.788	.17468	1.2752	.70137	.02723	183.20
#1	.60059	.00989	.38380	.03769	.00198	78.994	-.00021
#2	.59951	.01185	.38475	.03837	.00200	78.964	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	-.00022	.00961	.07603	35.062	30.271	.12473
SDev	.00153	.00018	.00026	.00694	.466	.198	.00054
%RSD	45.090	81.549	2.7336	9.1268	1.3301	.65307	.43032
#1	.00230	-.00034	.00943	.07112	34.732	30.131	.12435
#2	.00446	-.00009	.00980	.08094	35.391	30.411	.12511
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4758.6	.03397	-.00898	.00412	-.00024	.02435	.00491
SDev	.9	.00070	.00254	.00373	.00164	.00771	.00284
%RSD	.01908	2.0544	28.316	90.646	670.49	31.663	57.790
#1	H4759.2	.03348	-.00718	.00148	-.00141	.02981	.00290
#2	H4757.9	.03447	-.01078	.00676	.00092	.01890	.00691
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03045	.02130	-.00047	.00388	.00859	.00402	-.00004
SDev	.00925	.00694	.00050	.00148	.00091	.00025	.00229
%RSD	30.361	32.593	106.36	38.113	10.627	6.3033	5580.4
#1	.03699	.02621	-.00082	.00493	.00794	.00384	-.00166
#2	.02392	.01639	-.00012	.00283	.00923	.00420	.00158
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00054	.03228
SDev	.00058	.00111
%RSD	108.30	3.4415
#1	.00013	.03149
#2	.00095	.03306
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3869	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.6579012	--	--	--	--	--	--
#1	3887	--	--	--	--	--	--
#2	3851	--	--	--	--	--	--

Analysis Report QC Standard 09/30/08 00:26:27 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/30/08 00:21:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.908	.48726	.49193	.49853	.50464	24.841	.49510
SDev	.067	.00200	.00338	.00218	.00277	.060	.00012
%RSD	.26928	.40999	.68690	.43678	.54919	.24201	.02420
#1	24.860	.48585	.48954	.49699	.50268	24.799	.49501
#2	24.955	.48867	.49431	.50007	.50660	24.884	.49518
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49164	.51156	.48776	24.792	25.526	25.198	.50642
SDev	.00084	.00230	.00229	.051	.104	.119	.00236
%RSD	.17036	.44982	.46903	.20714	.40777	.47334	.46662
#1	.49104	.50993	.48614	24.756	25.452	25.114	.50475
#2	.49223	.51319	.48938	24.828	25.599	25.282	.50809
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.688	.50286	.49858	.50408	.50225	.51510	.50405
SDev	.350	.00173	.00258	.00590	.00479	.00481	.00626
%RSD	1.4173	.34427	.51744	1.1700	.95430	.93371	1.2410
#1	24.441	.50163	.49676	.49991	.49886	.51170	.50848
#2	24.936	.50408	.50041	.50825	.50564	.51850	.49963
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50809	.51861	.51386	.49621	.49230	.50493	.51155
SDev	.00803	.00320	.00060	.00046	.00086	.00110	.00227
%RSD	1.5809	.61669	.11606	.09205	.17549	.21751	.44351
#1	.50241	.51635	.51344	.49654	.49169	.50416	.50995
#2	.51377	.52088	.51428	.49589	.49291	.50571	.51316
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50057	.49811
SDev	.00307	.00718
%RSD	.61318	1.4408
#1	.49840	.49304
#2	.50274	.50318
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5572	--	--	--	--	--	--
SDev	58.33631	--	--	--	--	--	--
%RSD	1.047030	--	--	--	--	--	--
#1	5613	--	--	--	--	--	--
#2	5530	--	--	--	--	--	--

Analysis Report Blank Sample 09/30/08 00:31:32 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/30/08 00:26:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	.00023	.00328	.00017	.00030	.00729	.00026
SDev	.00817	.00122	.00031	.00003	.00006	.00186	.00009
%RSD	270.52	534.55	9.4629	20.051	18.899	25.509	36.483
#1	-.00276	-.00063	.00306	.00015	.00026	.00597	.00019
#2	.00880	.00109	.00350	.00019	.00034	.00860	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	-.00011	.00061	.00988	-.00197	.00702	.00011
SDev	.00033	.00016	.00009	.00450	.01822	.00077	.00003
%RSD	130.14	148.99	15.240	45.557	922.80	11.005	30.091
#1	.00048	-.00022	.00067	.00669	-.01486	.00647	.00014
#2	.00002	.00001	.00054	.01306	.01091	.00756	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22502	.00048	-.00121	.00107	.00031	.00024	.00098
SDev	.16866	.00067	.00181	.00071	.00108	.00200	.00571
%RSD	74.954	138.84	149.15	66.119	344.03	818.38	582.74
#1	.10576	.00095	-.00249	.00057	-.00045	-.00117	-.00306
#2	.34428	.00001	.00007	.00158	.00107	.00166	.00502
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00313	.00193	.00019	.00229	.00043	.00132	-.00067
SDev	.00163	.00381	.00017	.00030	.00059	.00046	.00111
%RSD	52.069	197.51	88.896	13.280	138.56	34.664	167.29
#1	-.00198	-.00077	.00007	.00208	.00001	.00099	-.00145
#2	-.00428	.00462	.00031	.00251	.00085	.00164	.00012
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	.00179
SDev	.00080	.00133
%RSD	1091.8	74.206
#1	-.00049	.00085
#2	.00064	.00273
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5551	--	--	--	--	--	--
SDev	32.13779	--	--	--	--	--	--
%RSD	.5789420	--	--	--	--	--	--
#1	5528	--	--	--	--	--	--
#2	5574	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855516/L (1:5) Operator: TWS
Run Time: 09/30/08 00:31:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10540	.00006	.06611	.00678	.00087	14.328	.00004
SDev	.00875	.00034	.00146	.00031	.00006	.053	.00018
%RSD	8.2991	541.99	2.2027	4.5253	6.4783	.37277	413.44
#1	.11158	.00031	.06714	.00657	.00083	14.290	.00018
#2	.09921	-.00018	.06508	.00700	.00091	14.366	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00117	-.00024	.00176	.02281	4.2552	5.6055	.02198
SDev	.00007	.00055	.00004	.00316	.1324	.0680	.00011
%RSD	6.4353	233.07	2.1787	13.857	3.1107	1.2139	.48869
#1	.00111	-.00063	.00179	.02057	4.1616	5.5574	.02191
#2	.00122	.00015	.00174	.02504	4.3488	5.6536	.02206
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1871.5	.00617	-.00227	-.00037	-.00100	.00325	.00286
SDev	2.5	.00031	.00189	.00193	.00066	.00370	.00072
%RSD	.13285	5.0897	83.484	515.54	65.263	114.05	25.158
#1	H1869.7	.00595	-.00360	.00099	-.00054	.00587	.00337
#2	H1873.2	.00639	-.00093	-.00174	-.00147	.00063	.00235
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00532	.00221	-.00050	.00064	.00141	.00088	-.00380
SDev	.00247	.00432	.00042	.00281	.00002	.00002	.00118
%RSD	46.496	195.27	83.054	435.80	1.5103	2.1336	31.183
#1	.00707	.00527	-.00021	-.00134	.00139	.00087	-.00464
#2	.00357	-.00084	-.00080	.00263	.00142	.00089	-.00296
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00028	.00717
SDev	.00051	.00031
%RSD	184.88	4.3369
#1	.00009	.00695
#2	-.00064	.00739
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5104	--	--	--	--	--	--
SDev	66.29126	--	--	--	--	--	--
%RSD	1.298855	--	--	--	--	--	--
#1	5151	--	--	--	--	--	--
#2	5057	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855516/PS Operator: TWS
Run Time: 09/30/08 00:36:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.379	.28217	.63939	.29797	.22307	89.006	.23479
SDev	.037	.00185	.00028	.00035	.00056	.216	.00015
%RSD	.25722	.65440	.04450	.11829	.25299	.24257	.06572
#1	14.406	.28086	.63919	.29822	.22347	89.159	.23468
#2	14.353	.28347	.63959	.29772	.22267	88.854	.23490
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23645	.24146	.27186	11.995	64.926	41.407	.36453
SDev	.00046	.00173	.00034	.024	.020	.125	.00120
%RSD	.19381	.71559	.12407	.20116	.03008	.30113	.32999
#1	.23613	.24268	.27210	12.012	64.912	41.495	.36538
#2	.23678	.24024	.27162	11.978	64.940	41.319	.36368
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4691.7	.25891	.23427	.24635	.24233	.36254	.26462
SDev	9.5	.00138	.00159	.00046	.00022	.00345	.00335
%RSD	.20238	.53337	.67660	.18492	.09242	.95054	1.2660
#1	H4698.4	.25989	.23315	.24667	.24217	.36010	.26225
#2	H4684.9	.25793	.23539	.24603	.24249	.36498	.26699
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37104	.35830	.23934	.22227	.25357	.25240	.19711
SDev	.00277	.00379	.00123	.00387	.00006	.00100	.00139
%RSD	.74585	1.0565	.51506	1.7420	.02420	.39539	.70648
#1	.36908	.35562	.24021	.21953	.25353	.25169	.19613
#2	.37300	.36097	.23847	.22501	.25361	.25310	.19810
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05270	.27552
SDev	.00054	.00212
%RSD	1.0325	.76898
#1	.05308	.27403
#2	.05231	.27702
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3896	--	--	--	--	--	--
SDev	15.37957	--	--	--	--	--	--
%RSD	.3947048	--	--	--	--	--	--
#1	3886	--	--	--	--	--	--
#2	3907	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855517/MS Operator: TWS
Run Time: 09/30/08 00:41:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.537	.28134	.62699	.28235	.21727	89.547	.23155
SDev	.053	.00271	.00099	.00110	.00062	.163	.00034
%RSD	.39074	.96435	.15837	.38954	.28334	.18245	.14685
#1	13.500	.27942	.62629	.28157	.21684	89.432	.23179
#2	13.574	.28326	.62769	.28313	.21771	89.663	.23131
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23249	.23846	.26817	11.765	63.867	41.303	.36083
SDev	.00065	.00020	.00263	.023	.252	.112	.00088
%RSD	.28171	.08479	.97937	.19930	.39459	.27135	.24248
#1	.23203	.23860	.26631	11.748	63.689	41.224	.36021
#2	.23295	.23832	.27003	11.781	64.045	41.382	.36144
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4696.7	.25605	.23166	.24545	.24086	.36075	.26504
SDev	14.1	.00074	.00203	.00389	.00192	.00043	.00161
%RSD	.30088	.28931	.87446	1.5833	.79610	.11959	.60754
#1	H4686.7	.25553	.23023	.24820	.24221	.36105	.26618
#2	H4706.7	.25658	.23309	.24270	.23950	.36044	.26390
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36731	.35747	.23320	.22302	.24754	.24468	.23690
SDev	.00126	.00002	.00074	.00243	.00017	.00034	.00325
%RSD	.34243	.00511	.31853	1.0879	.07026	.13748	1.3731
#1	.36820	.35749	.23268	.22473	.24742	.24492	.23460
#2	.36642	.35746	.23373	.22130	.24767	.24444	.23920
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.03910	.27211
SDev	.00083	.00139
%RSD	2.1276	.51140
#1	.03969	.27309
#2	.03851	.27113
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3942	--	--	--	--	--	--
SDev	22.80419	--	--	--	--	--	--
%RSD	.5785260	--	--	--	--	--	--
#1	3958	--	--	--	--	--	--
#2	3926	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855518/SD Operator: TWS
Run Time: 09/30/08 00:46:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.496	.27982	.62322	.27464	.21159	88.791	.23335
SDev	.062	.00420	.00478	.00140	.00164	.345	.00073
%RSD	.45934	1.5022	.76689	.50984	.77746	.38856	.31131
#1	13.540	.28280	.62660	.27563	.21275	89.035	.23387
#2	13.452	.27685	.61984	.27365	.21043	88.547	.23284
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23081	.23461	.26990	11.677	59.940	40.297	.35586
SDev	.00165	.00025	.00191	.034	.641	.255	.00214
%RSD	.71582	.10606	.70600	.29435	1.0700	.63332	.60054
#1	.23198	.23478	.27125	11.701	60.394	40.477	.35737
#2	.22964	.23443	.26855	11.653	59.487	40.116	.35435
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4691.1	.25235	.23189	.24049	.23762	.35884	.26720
SDev	26.2	.00068	.00093	.00119	.00111	.00639	.00614
%RSD	.55907	.26981	.40242	.49536	.46516	1.7818	2.2973
#1	H4709.7	.25283	.23123	.23964	.23684	.36337	.26286
#2	H4672.6	.25187	.23255	.24133	.23840	.35432	.27154
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36795	.35430	.23593	.22328	.24774	.24074	.24221
SDev	.00863	.00528	.00097	.00155	.00105	.00012	.00271
%RSD	2.3459	1.4889	.41006	.69420	.42412	.04826	1.1185
#1	.37405	.35803	.23661	.22438	.24848	.24066	.24029
#2	.36185	.35057	.23524	.22219	.24699	.24083	.24413
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.03757	.26633
SDev	.00003	.00215
%RSD	.09158	.80626
#1	.03755	.26785
#2	.03760	.26481
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4019	--	--	--	--	--	--
SDev	30.33498	--	--	--	--	--	--
%RSD	.7548269	--	--	--	--	--	--
#1	3997	--	--	--	--	--	--
#2	4040	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855519 Operator: TWS
Run Time: 09/30/08 00:53:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0445	.00653	.37806	.04753	.00221	79.885	.00079
SDev	.0137	.00192	.00309	.00138	.00006	.362	.00017
%RSD	1.3144	29.323	.81623	2.9007	2.4942	.45291	21.011
#1	1.0542	.00788	.37588	.04656	.00225	79.629	.00067
#2	1.0348	.00518	.38025	.04851	.00217	80.140	.00091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00554	.00067	.01081	.24554	34.600	29.976	.49646
SDev	.00001	.00015	.00049	.00767	2.130	.506	.00730
%RSD	.24488	22.889	4.5785	3.1240	6.1565	1.6892	1.4700
#1	.00554	.00056	.01046	.25096	33.094	29.618	.49130
#2	.00553	.00078	.01116	.24011	36.107	30.334	.50163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4695.0	.06761	-.00599	.00186	-.00075	.02717	-.00485
SDev	10.1	.00073	.00239	.00149	.00179	.00590	.00348
%RSD	.21579	1.0835	39.901	80.024	238.67	21.710	71.819
#1	H4687.8	.06709	-.00767	.00081	-.00202	.02300	-.00731
#2	H4702.2	.06813	-.00430	.00292	.00052	.03134	-.00238
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03386	.02383	-.00089	.00287	.00217	.01318	-.00015
SDev	.00693	.00538	.00049	.00094	.00039	.00008	.00022
%RSD	20.458	22.599	54.686	32.720	18.028	.58678	144.02
#1	.02896	.02002	-.00055	.00353	.00244	.01323	.00000
#2	.03875	.02763	-.00124	.00220	.00189	.01312	-.00030
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	.01740
SDev	.00116	.00227
%RSD	1551.9	13.034
#1	.00090	.01579
#2	-.00075	.01900
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3962	--	--	--	--	--	--
SDev	40.83541	--	--	--	--	--	--
%RSD	1.030631	--	--	--	--	--	--
#1	3991	--	--	--	--	--	--
#2	3933	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855520 Operator: TWS
Run Time: 09/30/08 00:58:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2238	.02839	.35519	.04923	.00239	75.161	.00017
SDev	.0111	.00161	.00377	.00099	.00009	.201	.00008
%RSD	.49844	5.6634	1.0622	2.0103	3.8207	.26743	45.117
#1	2.2160	.02953	.35252	.04993	.00233	75.303	.00011
#2	2.2317	.02726	.35786	.04853	.00246	75.019	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00303	.00061	.09535	.41814	32.072	27.855	.06331
SDev	.00058	.00017	.00103	.00242	1.084	.318	.00036
%RSD	19.038	28.170	1.0775	.57793	3.3786	1.1416	.57053
#1	.00262	.00073	.09462	.41985	32.839	28.080	.06356
#2	.00344	.00049	.09607	.41643	31.306	27.630	.06305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4508.1	.05367	-.00354	.00175	-.00001	.02279	.00218
SDev	14.8	.00105	.00400	.00235	.00024	.00148	.00186
%RSD	.32768	1.9612	113.12	134.36	2536.4	6.4832	85.450
#1	H4497.6	.05441	-.00637	.00342	.00016	.02384	.00349
#2	H4518.5	.05292	-.00071	.00009	-.00018	.02175	.00086
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02732	.02053	-.00036	.00214	.08767	.01347	-.00081
SDev	.00139	.00291	.00055	.00188	.00078	.00133	.00236
%RSD	5.1043	14.193	153.90	87.857	.89091	9.8894	292.18
#1	.02633	.02259	-.00074	.00347	.08711	.01441	-.00247
#2	.02830	.01847	.00003	.00081	.08822	.01253	.00086
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	.03017
SDev	.00053	.00294
%RSD	141.41	9.7377
#1	.00000	.03225
#2	.00075	.02810
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4011	--	--	--	--	--	--
SDev	11.24293	--	--	--	--	--	--
%RSD	.2803129	--	--	--	--	--	--
#1	4003	--	--	--	--	--	--
#2	4019	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855503/PB Operator: TWS
Run Time: 09/30/08 01:06:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	-.00110	.00277	.00027	.00027	.01215	-.00007
SDev	.00013	.00121	.00065	.00007	.00002	.00600	.00005
%RSD	11.891	109.79	23.619	26.639	6.3170	49.380	83.518
#1	-.00098	-.00025	.00323	.00032	.00028	.01639	-.00010
#2	-.00116	-.00196	.00231	.00022	.00025	.00791	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	-.00007	.00048	-.00844	-.04695	.01153	.00009
SDev	.00014	.00034	.00031	.00002	.01479	.00003	.00006
%RSD	25.442	477.10	64.803	.20262	31.499	.26578	75.161
#1	.00044	-.00031	.00026	-.00843	-.05740	.01151	.00004
#2	.00064	.00017	.00070	-.00845	-.03649	.01155	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2.8738	.00194	-.00478	.00190	-.00033	-.00041	.00115
SDev	1.1994	.00047	.00283	.00171	.00020	.00181	.00328
%RSD	41.735	24.204	59.204	90.187	59.745	436.58	285.02
#1	H3.7219	.00161	-.00679	.00310	-.00019	.00086	-.00117
#2	H2.0257	.00228	-.00278	.00069	-.00047	-.00169	.00346
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00695	-.00409	-.00039	.00131	-.00010	.00075	.00243
SDev	.00214	.00378	.00001	.00352	.00014	.00031	.00064
%RSD	30.739	92.311	2.6174	268.81	144.12	41.301	26.579
#1	.00544	-.00142	-.00040	-.00118	-.00020	.00053	.00288
#2	.00846	-.00677	-.00038	.00380	.00000	.00097	.00197
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	-.00142
SDev	.00057	.00232
%RSD	277.84	163.29
#1	-.00061	.00022
#2	.00020	-.00306
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5631	--	--	--	--	--	--
SDev	6.257619	--	--	--	--	--	--
%RSD	.1111265	--	--	--	--	--	--
#1	5636	--	--	--	--	--	--
#2	5627	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855502/FB Operator: TWS
Run Time: 09/30/08 01:11:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.943	.22719	.21945	.21665	.21736	10.935	.22194
SDev	.011	.00123	.00092	.00174	.00125	.022	.00082
%RSD	.09802	.54380	.41958	.80252	.57584	.20291	.36930
#1	10.951	.22806	.22010	.21542	.21647	10.951	.22252
#2	10.936	.22631	.21880	.21788	.21824	10.920	.22136
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22060	.21677	.21049	10.800	H12.539	11.105	.21930
SDev	.00032	.00021	.00164	.013	.264	.045	.00111
%RSD	.14271	.09520	.77929	.11659	2.1083	.40757	.50718
#1	.22083	.21662	.20933	10.809	H12.352	11.073	.21852
#2	.22038	.21691	.21165	10.791	H12.726	11.137	.22009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H11.777	.22131	.21604	.22332	.22090	H.23652	.21025
SDev	.542	.00120	.00141	.00095	.00110	.00415	.00055
%RSD	4.5988	.54425	.65098	.42498	.49858	1.7569	.26313
#1	H12.160	.22046	.21504	.22265	.22012	H.23945	.20986
#2	11.394	.22216	.21703	.22399	.22168	H.23358	.21064
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24223	.23366	.21293	.22365	.21527	.22046	.19208
SDev	.00153	.00700	.00006	.00009	.00061	.00157	.00110
%RSD	.63253	2.9954	.02817	.03785	.28388	.71074	.57037
#1	.24115	.23861	.21289	.22359	.21570	.22157	.19131
#2	.24332	.22871	.21297	.22371	.21484	.21936	.19286
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05401	.19438
SDev	.00106	.00306
%RSD	1.9541	1.5747
#1	.05476	.19221
#2	.05327	.19654
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5653	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1219586	--	--	--	--	--	--
#1	5658	--	--	--	--	--	--
#2	5648	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855484 Operator: TWS
Run Time: 09/30/08 01:16:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.1257	.00540	.35342	.05443	.00294	87.388	.00298
SDev	.0030	.00180	.00345	.00014	.00004	.141	.00018
%RSD	.14160	33.378	.97553	.24792	1.4116	.16164	6.0717
#1	2.1279	.00668	.35098	.05433	.00297	87.488	.00310
#2	2.1236	.00413	.35585	.05452	.00291	87.288	.00285
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00616	-.00023	.04227	1.1369	32.522	30.481	.54090
SDev	.00020	.00006	.00024	.0061	.009	.052	.00030
%RSD	3.2251	24.410	.57003	.53374	.02885	.17151	.05603
#1	.00602	-.00027	.04244	1.1326	32.529	30.518	.54112
#2	.00630	-.00019	.04210	1.1412	32.516	30.444	.54069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4483.0	.07575	-.00485	.00264	.00015	.02242	.00322
SDev	.7	.00057	.00227	.00033	.00054	.00114	.00413
%RSD	.01620	.75345	46.740	12.369	368.48	5.0905	127.97
#1	H4482.5	.07615	-.00325	.00241	.00053	.02161	.00614
#2	H4483.5	.07534	-.00645	.00287	-.00023	.02323	.00031
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03128	.01799	-.00069	.00426	.00144	.03444	-.00031
SDev	.00596	.00469	.00003	.00588	.00022	.00024	.00064
%RSD	19.048	26.067	4.7003	138.07	15.039	.68666	204.12
#1	.03549	.01468	-.00072	.00842	.00160	.03461	.00014
#2	.02706	.02131	-.00067	.00010	.00129	.03427	-.00076
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	.00935
SDev	.00011	.00276
%RSD	152.90	29.504
#1	-.00001	.01130
#2	.00015	.00740
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3863	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0384449	--	--	--	--	--	--
#1	3862	--	--	--	--	--	--
#2	3864	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855485 Operator: TWS
Run Time: 09/30/08 01:21:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0830	.00800	.36655	.05152	.00263	90.143	.00102
SDev	.0097	.00143	.00567	.00082	.00009	.929	.00045
%RSD	.89456	17.895	1.5466	1.5885	3.4311	1.0306	43.942
#1	1.0898	.00901	.37056	.05210	.00269	90.800	.00134
#2	1.0761	.00698	.36254	.05094	.00257	89.486	.00070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00622	.00050	.01978	.36115	33.949	31.339	.53349
SDev	.00057	.00016	.00047	.01374	.569	.492	.00820
%RSD	9.0978	31.464	2.3933	3.8037	1.6773	1.5712	1.5374
#1	.00662	.00039	.02012	.37086	34.352	31.687	.53928
#2	.00582	.00061	.01945	.35143	33.547	30.991	.52769
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4574.0	.06804	-.00354	-.00227	-.00270	.02272	.00440
SDev	35.9	.00179	.00154	.00008	.00046	.00081	.00375
%RSD	.78562	2.6276	43.449	3.6838	16.937	3.5560	85.241
#1	H4599.4	.06931	-.00245	-.00233	-.00237	.02329	.00705
#2	H4548.6	.06678	-.00463	-.00222	-.00302	.02215	.00175
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03268	.01774	-.00062	.00158	.00280	.01433	-.00134
SDev	.00383	.00071	.00013	.00396	.00038	.00002	.00409
%RSD	11.734	3.9766	21.178	250.40	13.636	.16437	304.37
#1	.03539	.01724	-.00053	-.00122	.00253	.01431	.00155
#2	.02997	.01824	-.00072	.00438	.00307	.01434	-.00424
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00029	.01672
SDev	.00045	.00289
%RSD	157.77	17.289
#1	.00060	.01876
#2	-.00003	.01467
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3904	--	--	--	--	--	--
SDev	52.07852	--	--	--	--	--	--
%RSD	1.334089	--	--	--	--	--	--
#1	3867	--	--	--	--	--	--
#2	3941	--	--	--	--	--	--

Analysis Report QC Standard 09/30/08 01:34:48 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/30/08 01:29:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.684	.48517	.48846	.49512	.50248	24.673	.49031
SDev	.003	.00047	.00156	.00053	.00040	.017	.00064
%RSD	.01332	.09724	.31971	.10708	.08015	.06942	.12977
#1	24.686	.48483	.48956	.49475	.50219	24.685	.49076
#2	24.682	.48550	.48735	.49550	.50276	24.661	.48986
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48976	.50880	.48302	24.627	25.399	25.067	.50269
SDev	.00062	.00126	.00114	.002	.076	.010	.00053
%RSD	.12701	.24706	.23581	.00959	.29864	.04118	.10563
#1	.48932	.50969	.48222	24.625	25.346	25.060	.50231
#2	.49020	.50791	.48383	24.629	25.453	25.074	.50306
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.691	.50031	.49205	.50284	.49924	.50683	.49634
SDev	.057	.00027	.00265	.00226	.00239	.00153	.00515
%RSD	.23029	.05349	.53833	.45007	.47904	.30122	1.0378
#1	24.731	.50050	.49392	.50444	.50093	.50791	.49998
#2	24.651	.50012	.49017	.50124	.49755	.50575	.49269
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50432	.50810	.51019	.48788	.48844	.50263	.50624
SDev	.00730	.00594	.00012	.00102	.00088	.00046	.00359
%RSD	1.4473	1.1690	.02319	.20851	.17936	.09057	.70925
#1	.49916	.51230	.51011	.48717	.48906	.50231	.50878
#2	.50948	.50390	.51027	.48860	.48782	.50295	.50370
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49697	.49359
SDev	.00007	.00327
%RSD	.01400	.66300
#1	.49701	.49128
#2	.49692	.49591
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5634	--	--	--	--	--	--
SDev	3.393975	--	--	--	--	--	--
%RSD	.0602458	--	--	--	--	--	--
#1	5636	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Analysis Report Blank Sample 09/30/08 01:39:53 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/30/08 01:34:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00088	.00111	.00249	.00019	.00031	.00904	.00006
SDev	.00297	.00081	.00063	.00004	.00000	.00083	.00008
%RSD	337.42	73.479	25.210	18.841	.47757	9.1566	133.69
#1	.00122	.00168	.00293	.00017	.00031	.00846	.00012
#2	-.00298	.00053	.00205	.00022	.00031	.00963	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00001	.00101	.00034	-.02289	.01198	.00025
SDev	.00067	.00050	.00026	.00001	.00572	.00026	.00003
%RSD	156.21	5256.4	25.938	2.2982	25.011	2.2146	13.249
#1	-.00004	-.00036	.00083	.00034	-.01884	.01217	.00023
#2	.00090	.00034	.00120	.00033	-.02694	.01179	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47274	.00018	-.00194	-.00012	-.00072	-.00079	-.00044
SDev	.04490	.00032	.00026	.00225	.00159	.00475	.00021
%RSD	9.4987	175.48	13.284	1938.9	219.39	599.89	48.198
#1	.50450	.00041	-.00212	-.00171	-.00185	-.00415	-.00029
#2	.44099	-.00004	-.00176	.00148	.00040	.00257	-.00059
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00514	.00138	-.00006	-.00084	-.00010	.00098	.00059
SDev	.00591	.00417	.00010	.00076	.00015	.00062	.00240
%RSD	115.07	301.74	165.03	91.431	151.08	63.512	409.90
#1	-.00931	-.00157	-.00013	-.00138	.00001	.00054	.00228
#2	-.00096	.00433	.00001	-.00030	-.00020	.00142	-.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00053	.00114
SDev	.00019	.00024
%RSD	34.894	21.138
#1	-.00067	.00097
#2	-.00040	.00131
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5585	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1234491	--	--	--	--	--	--
#1	5590	--	--	--	--	--	--
#2	5580	--	--	--	--	--	--

Analysis Report 09/30/08 01:45:00 AM page 1

Method: TRACE1 Sample Name: AD855486 Operator: TWS
Run Time: 09/30/08 01:39:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18247	.00825	.35242	.03790	.00204	85.653	.00020
SDev	.00382	.00011	.00078	.00004	.00001	.196	.00022
%RSD	2.0944	1.3148	.22049	.10150	.35192	.22856	110.17
#1	.17977	.00817	.35187	.03793	.00203	85.791	.00004
#2	.18518	.00833	.35297	.03787	.00204	85.514	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00351	-.00023	.01317	.10546	32.970	30.495	.32344
SDev	.00082	.00006	.00035	.01610	.060	.131	.00086
%RSD	23.362	24.029	2.6506	15.263	.18155	.42908	.26558
#1	.00293	-.00027	.01342	.09408	33.013	30.588	.32404
#2	.00408	-.00019	.01292	.11685	32.928	30.403	.32283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4520.9	.03302	-.00391	-.00024	-.00146	.02209	.00472
SDev	10.1	.00000	.00117	.00408	.00233	.00387	.00471
%RSD	.22439	.01264	29.822	1688.1	159.30	17.505	99.883
#1	H4528.1	.03302	-.00308	-.00312	-.00311	.01935	.00139
#2	H4513.7	.03302	-.00473	.00264	.00018	.02482	.00805
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03182	.01722	-.00072	.00289	.00229	.00371	-.00193
SDev	.00145	.00507	.00066	.00271	.00061	.00042	.00214
%RSD	4.5552	29.465	91.845	93.656	26.761	11.440	111.16
#1	.03079	.01364	-.00118	.00098	.00186	.00341	-.00344
#2	.03284	.02081	-.00025	.00481	.00272	.00401	-.00041
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00003	.02351
SDev	.00010	.00016
%RSD	342.95	.67559
#1	.00004	.02340
#2	-.00010	.02363
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4013	--	--	--	--	--	--
SDev	6.682297	--	--	--	--	--	--
%RSD	.1665152	--	--	--	--	--	--
#1	4008	--	--	--	--	--	--
#2	4018	--	--	--	--	--	--

Analysis Report 09/30/08 01:50:03 AM page 1

Method: TRACE1 Sample Name: AD855486/L (1:5) Operator: TWS
Run Time: 09/30/08 01:45:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03104	.00191	.05788	.00632	.00064	14.724	.00009
SDev	.00355	.00281	.00032	.00005	.00002	.035	.00008
%RSD	11.423	147.61	.56056	.72939	2.6219	.23649	88.012
#1	.03355	-.00008	.05765	.00629	.00062	14.699	.00015
#2	.02853	.00390	.05811	.00635	.00065	14.748	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	-.00006	.00266	.01083	3.8248	5.4037	.05476
SDev	.00035	.00034	.00024	.00381	.0129	.0093	.00023
%RSD	30.402	534.16	8.9412	35.172	.33750	.17143	.41804
#1	.00089	-.00030	.00249	.00814	3.8157	5.3972	.05459
#2	.00138	.00018	.00283	.01352	3.8339	5.4103	.05492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1709.5	.00608	-.00259	.00100	-.00020	.00405	-.00330
SDev	2.0	.00068	.00102	.00073	.00083	.00133	.00253
%RSD	.11435	11.269	39.568	73.200	419.04	32.916	76.713
#1	H1708.1	.00560	-.00331	.00048	-.00078	.00311	-.00508
#2	H1710.8	.00656	-.00186	.00151	.00039	.00499	-.00151
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00878	.00169	-.00027	.00089	.00024	.00152	-.00283
SDev	.00439	.00020	.00003	.00057	.00063	.00034	.00000
%RSD	50.080	11.668	12.301	63.694	255.48	22.041	.15953
#1	.00567	.00183	-.00029	.00049	-.00020	.00129	-.00282
#2	.01188	.00155	-.00024	.00130	.00069	.00176	-.00283
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00056	.00557
SDev	.00007	.00153
%RSD	12.540	27.494
#1	-.00051	.00665
#2	-.00061	.00449
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5292	--	--	--	--	--	--
SDev	22.06187	--	--	--	--	--	--
%RSD	.4168555	--	--	--	--	--	--
#1	5308	--	--	--	--	--	--
#2	5277	--	--	--	--	--	--

Analysis Report 09/30/08 01:55:07 AM page 1

Method: TRACE1 Sample Name: AD855486/PS Operator: TWS
Run Time: 09/30/08 01:50:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.295	.28791	.62704	.29913	.22839	96.943	.24814
SDev	.164	.00341	.00867	.00424	.00387	1.146	.00285
%RSD	1.1448	1.1847	1.3820	1.4174	1.6930	1.1818	1.1492
#1	14.411	.29032	.63317	.30213	.23113	97.753	.25016
#2	14.179	.28550	.62091	.29614	.22566	96.133	.24612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24568	.24692	.28142	12.417	61.240	42.254	.57087
SDev	.00383	.00402	.00338	.158	1.247	.697	.00875
%RSD	1.5582	1.6279	1.2017	1.2709	2.0360	1.6487	1.5321
#1	.24838	.24977	.28382	12.528	62.121	42.747	.57705
#2	.24297	.24408	.27903	12.305	60.358	41.762	.56468
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4529.3	.26652	.24169	.25380	.24976	.36654	.27186
SDev	35.0	.00279	.00066	.00167	.00133	.00005	.00761
%RSD	.77376	1.0459	.27147	.65632	.53231	.01419	2.8008
#1	H4554.1	.26849	.24215	.25497	.25070	.36658	.27724
#2	H4504.6	.26455	.24123	.25262	.24882	.36650	.26647
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37277	.36343	.24984	.23743	.25667	.25837	.20863
SDev	.00337	.00161	.00309	.00352	.00343	.00411	.00135
%RSD	.90419	.44222	1.2349	1.4819	1.3357	1.5906	.64775
#1	.37515	.36230	.25202	.23992	.25909	.26128	.20768
#2	.37038	.36457	.24766	.23494	.25424	.25547	.20959
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05464	.26981
SDev	.00183	.00458
%RSD	3.3395	1.6976
#1	.05593	.27305
#2	.05335	.26657
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3909	--	--	--	--	--	--
SDev	55.36650	--	--	--	--	--	--
%RSD	1.416494	--	--	--	--	--	--
#1	3870	--	--	--	--	--	--
#2	3948	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855487/MS Operator: TWS
Run Time: 09/30/08 01:55:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.621	.29228	.61759	.28789	.22514	98.217	.24709
SDev	.023	.00054	.00088	.00080	.00050	.017	.00007
%RSD	.16995	.18629	.14164	.27621	.22123	.01729	.03034
#1	13.605	.29189	.61697	.28733	.22479	98.205	.24714
#2	13.637	.29266	.61821	.28846	.22549	98.229	.24704
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24401	.24655	.28213	12.349	60.851	42.458	.57402
SDev	.00065	.00008	.00105	.010	.400	.084	.00146
%RSD	.26563	.03179	.37126	.07855	.65723	.19709	.25426
#1	.24355	.24649	.28139	12.342	60.568	42.398	.57299
#2	.24447	.24661	.28287	12.356	61.134	42.517	.57505
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4551.3	.26500	.24043	.25840	.25241	.37102	.27583
SDev	8.1	.00040	.00099	.00150	.00133	.01727	.00204
%RSD	.17875	.15204	.41002	.58002	.52610	4.6536	.73971
#1	H4545.6	.26472	.23973	.25734	.25147	.35881	.27727
#2	H4557.1	.26529	.24112	.25946	.25335	.38323	.27439
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37112	.37098	.24757	.23903	.25352	.25455	.25377
SDev	.00170	.02505	.00007	.00107	.00042	.00071	.00013
%RSD	.45880	6.7518	.02967	.44660	.16400	.28007	.05230
#1	.36991	.35327	.24751	.23979	.25322	.25505	.25368
#2	.37232	.38869	.24762	.23828	.25381	.25404	.25387
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05764	.27084
SDev	.00027	.00791
%RSD	.46468	2.9220
#1	.05745	.26525
#2	.05783	.27644
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3948	--	--	--	--	--	--
SDev	16.12207	--	--	--	--	--	--
%RSD	.4083914	--	--	--	--	--	--
#1	3959	--	--	--	--	--	--
#2	3936	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855488/SD Operator: TWS
Run Time: 09/30/08 02:00:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.756	.29425	.63073	.29203	.22825	100.28	.24728
SDev	.037	.00173	.00465	.00131	.00149	.28	.00015
%RSD	.26726	.58831	.73767	.45022	.65460	.27614	.05872
#1	13.730	.29302	.62744	.29110	.22719	100.08	.24718
#2	13.782	.29547	.63402	.29296	.22930	100.47	.24738
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24655	.24941	.28747	12.452	62.605	43.423	.58658
SDev	.00042	.00077	.00208	.059	.396	.226	.00312
%RSD	.17019	.30949	.72239	.47660	.63174	.52017	.53252
#1	.24625	.24886	.28600	12.410	62.325	43.263	.58437
#2	.24684	.24995	.28894	12.493	62.885	43.583	.58878
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4619.0	.26790	.24840	.25612	.25355	.36888	.27653
SDev	10.8	.00384	.00022	.00177	.00126	.00879	.00602
%RSD	.23387	1.4348	.08981	.69223	.49570	2.3835	2.1784
#1	H4611.4	.26519	.24824	.25487	.25266	.36266	.27227
#2	H4626.6	.27062	.24855	.25738	.25444	.37510	.28079
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37574	.36545	.25020	.23128	.25640	.25643	.25477
SDev	.00474	.01082	.00112	.00290	.00040	.00146	.00202
%RSD	1.2609	2.9606	.44616	1.2542	.15677	.56761	.79457
#1	.37239	.35780	.24941	.23333	.25612	.25540	.25334
#2	.37909	.37310	.25099	.22923	.25669	.25746	.25620
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05809	.27783
SDev	.00045	.00449
%RSD	.77760	1.6180
#1	.05777	.27465
#2	.05840	.28101
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3878	--	--	--	--	--	--
SDev	25.34985	--	--	--	--	--	--
%RSD	.6536287	--	--	--	--	--	--
#1	3896	--	--	--	--	--	--
#2	3860	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855489 Operator: TWS
Run Time: 09/30/08 02:05:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.27463	.00558	.36719	.03428	.00229	87.097	.00001
SDev	.00324	.00018	.00356	.00000	.00002	.007	.00035
%RSD	1.1805	3.1759	.96986	.00663	.98356	.00778	6859.2
#1	.27692	.00545	.36467	.03428	.00227	87.093	-.00024
#2	.27233	.00570	.36971	.03428	.00231	87.102	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00331	.00007	.01506	.10289	34.955	31.587	.16382
SDev	.00076	.00111	.00057	.00110	.067	.026	.00036
%RSD	22.945	1558.6	3.7631	1.0727	.19117	.08255	.22209
#1	.00277	-.00071	.01466	.10367	34.908	31.605	.16356
#2	.00385	.00086	.01546	.10211	35.002	31.568	.16407
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4651.7	.02396	-.00437	.00271	.00035	.02385	.00035
SDev	1.1	.00028	.00599	.00057	.00161	.00623	.00100
%RSD	.02448	1.1720	137.06	21.038	456.78	26.133	285.77
#1	H4652.5	.02376	-.00860	.00311	-.00079	.01944	.00105
#2	H4650.9	.02415	-.00013	.00231	.00149	.02825	-.00036
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02808	.02173	-.00069	-.00174	.00333	.00248	-.00207
SDev	.00544	.00663	.00012	.00159	.00020	.00023	.00061
%RSD	19.371	30.504	17.008	91.372	6.1557	9.3777	29.638
#1	.02424	.01704	-.00060	-.00287	.00348	.00231	-.00163
#2	.03193	.02641	-.00077	-.00062	.00319	.00264	-.00250
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00010	.02834
SDev	.00001	.00319
%RSD	11.968	11.272
#1	.00011	.02608
#2	.00009	.03059
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3825	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.2218461	--	--	--	--	--	--
#1	3831	--	--	--	--	--	--
#2	3819	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855490 Operator: TWS
Run Time: 09/30/08 02:10:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54623	.00882	.36372	.02874	.00225	83.467	-.00002
SDev	.00339	.00075	.00494	.00028	.00004	.568	.00011
%RSD	.61988	8.5342	1.3575	.96328	1.8070	.68110	466.86
#1	.54383	.00936	.36721	.02893	.00228	83.868	-.00010
#2	.54862	.00829	.36023	.02854	.00222	83.065	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00267	.00007	.01497	.09439	34.671	30.603	.06777
SDev	.00027	.00062	.00085	.00194	.612	.327	.00077
%RSD	9.9729	893.33	5.6674	2.0536	1.7644	1.0679	1.1313
#1	.00286	.00051	.01557	.09302	35.104	30.834	.06831
#2	.00248	-.00037	.01437	.09576	34.239	30.372	.06723
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4627.8	.02074	-.00460	.00332	.00068	.02485	.00473
SDev	25.3	.00089	.00071	.00073	.00072	.00083	.00336
%RSD	.54632	4.3000	15.341	22.049	106.02	3.3384	71.061
#1	H4645.7	.02011	-.00410	.00384	.00119	.02426	.00711
#2	H4609.9	.02137	-.00510	.00280	.00017	.02543	.00235
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03195	.02130	-.00061	-.00057	.00348	.00279	-.00065
SDev	.00604	.00427	.00053	.00479	.00040	.00065	.00128
%RSD	18.918	20.033	87.538	845.69	11.574	23.342	198.71
#1	.03622	.01828	-.00098	-.00396	.00320	.00233	.00026
#2	.02768	.02431	-.00023	.00282	.00377	.00325	-.00155
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00009	.03006
SDev	.00059	.00025
%RSD	667.54	.82430
#1	-.00033	.02989
#2	.00050	.03024
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3829	--	--	--	--	--	--
SDev	29.69848	--	--	--	--	--	--
%RSD	.7756401	--	--	--	--	--	--
#1	3808	--	--	--	--	--	--
#2	3850	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855491 Operator: TWS
Run Time: 09/30/08 02:15:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90995	.00892	.35749	.02459	.00211	79.897	.00001
SDev	.00731	.00029	.00164	.00003	.00003	.157	.00010
%RSD	.80378	3.2540	.45923	.14211	1.4336	.19641	1044.2
#1	.90478	.00872	.35633	.02456	.00209	79.786	.00008
#2	.91512	.00913	.35866	.02461	.00213	80.008	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00324	-.00022	.01531	.07692	34.237	29.008	.02184
SDev	.00064	.00060	.00002	.00679	.298	.047	.00007
%RSD	19.682	270.85	.10152	8.8260	.87150	.16273	.34464
#1	.00279	-.00065	.01532	.07212	34.026	28.975	.02179
#2	.00369	.00020	.01530	.08172	34.448	29.042	.02189
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H4570.3	.01839	-.00594	.00068	-.00153	.02707	-.00301
SDev	11.3	.00015	.00105	.00101	.00032	.00318	.00080
%RSD	.24749	.80714	17.707	148.77	21.016	11.742	26.530
#1	H4562.3	.01828	-.00519	-.00004	-.00175	.02932	-.00245
#2	H4578.3	.01849	-.00668	.00139	-.00130	.02482	-.00358
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03380	.02370	-.00085	.00064	.00564	.00131	-.00250
SDev	.00001	.00477	.00012	.00085	.00024	.00001	.00064
%RSD	.04008	20.143	14.199	133.43	4.3344	.78431	25.593
#1	.03379	.02708	-.00094	.00124	.00546	.00130	-.00295
#2	.03381	.02033	-.00077	.00004	.00581	.00132	-.00205
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00047	.02776
SDev	.00034	.00152
%RSD	71.842	5.4578
#1	.00071	.02669
#2	.00023	.02884
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3920	--	--	--	--	--	--
SDev	21.74353	--	--	--	--	--	--
%RSD	.5546784	--	--	--	--	--	--
#1	3935	--	--	--	--	--	--
#2	3905	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855492 Operator: TWS
Run Time: 09/30/08 02:20:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03650	.00396	.15639	.02895	.00066	58.353	.00001
SDev	.00109	.00092	.00024	.00003	.00002	.028	.00007
%RSD	2.9961	23.256	.15386	.10705	2.6152	.04782	1267.0
#1	.03728	.00331	.15656	.02893	.00064	58.373	-.00004
#2	.03573	.00461	.15622	.02897	.00067	58.333	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	.00008	.01226	.03808	15.049	20.325	.18551
SDev	.00015	.00016	.00016	.00010	.022	.013	.00001
%RSD	6.4268	203.01	1.2957	.26036	.14891	.06612	.00277
#1	.00244	-.00003	.01215	.03801	15.033	20.335	.18552
#2	.00223	.00019	.01237	.03815	15.065	20.316	.18551
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2876.1	.02284	-.00247	.00089	-.00023	.01206	-.00177
SDev	2.8	.00085	.00082	.00001	.00027	.00559	.00391
%RSD	.09642	3.7433	33.249	1.2033	116.13	46.363	221.23
#1	H2874.1	.02344	-.00305	.00090	-.00042	.01601	-.00453
#2	H2878.0	.02223	-.00189	.00088	-.00004	.00811	.00100
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01745	.00937	-.00028	.00096	.00131	.00599	-.00374
SDev	.01006	.00336	.00006	.00346	.00049	.00002	.00121
%RSD	57.644	35.856	22.889	359.24	37.044	.33944	32.308
#1	.02456	.01174	-.00023	.00341	.00166	.00598	-.00460
#2	.01034	.00699	-.00033	-.00148	.00097	.00601	-.00289
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.01275
SDev	.00026	.00041
%RSD	205.57	3.2256
#1	.00006	.01246
#2	-.00031	.01304
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5041	--	--	--	--	--	--
SDev	15.69756	--	--	--	--	--	--
%RSD	.3114132	--	--	--	--	--	--
#1	5052	--	--	--	--	--	--
#2	5030	--	--	--	--	--	--

Analysis Report 09/30/08 02:30:39 AM page 1

Method: TRACE1 Sample Name: AD855493 Operator: TWS
Run Time: 09/30/08 02:25:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03799	.00277	.16087	.02776	.00063	59.515	.00009
SDev	.00332	.00375	.00029	.00011	.00003	.058	.00010
%RSD	8.7284	135.48	.17749	.40588	4.8869	.09786	107.47
#1	.03564	.00542	.16107	.02784	.00065	59.556	.00016
#2	.04033	.00012	.16066	.02768	.00061	59.474	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.00007	.01024	.03834	15.586	20.852	.15251
SDev	.00025	.00004	.00035	.00417	.155	.165	.00102
%RSD	11.050	57.450	3.3899	10.875	.99147	.79321	.66819
#1	.00244	.00004	.01049	.04129	15.695	20.969	.15323
#2	.00208	.00010	.01000	.03539	15.477	20.735	.15179
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2953.7	.01880	-.00341	.00225	.00036	.00918	.00394
SDev	6.6	.00076	.00053	.00043	.00046	.00041	.00200
%RSD	.22311	4.0658	15.521	18.970	126.84	4.4462	50.669
#1	H2958.3	.01934	-.00378	.00194	.00004	.00889	.00253
#2	H2949.0	.01826	-.00303	.00255	.00069	.00947	.00535
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01659	.00548	-.00043	.00064	.00109	.00555	-.00257
SDev	.00066	.00094	.00035	.00154	.00016	.00003	.00122
%RSD	4.0056	17.239	79.865	239.89	14.680	.52780	47.357
#1	.01706	.00481	-.00019	.00173	.00098	.00558	-.00171
#2	.01612	.00615	-.00068	-.00045	.00120	.00553	-.00344
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00010	.01180
SDev	.00038	.00095
%RSD	381.40	8.0606
#1	-.00037	.01112
#2	.00017	.01247
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5002	--	--	--	--	--	--
SDev	23.75886	--	--	--	--	--	--
%RSD	.4749966	--	--	--	--	--	--
#1	4985	--	--	--	--	--	--
#2	5019	--	--	--	--	--	--

Analysis Report QC Standard 09/30/08 02:38:41 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/30/08 02:33:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.509	.48020	.48286	.48852	.49292	24.495	.48784
SDev	.007	.00023	.00235	.00217	.00329	.015	.00101
%RSD	.03037	.04816	.48768	.44408	.66809	.06191	.20665
#1	24.504	.48036	.48120	.48698	.49059	24.506	.48855
#2	24.514	.48003	.48453	.49005	.49524	24.485	.48713
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48488	.50433	.47929	24.374	24.796	24.633	.49464
SDev	.00130	.00039	.00186	.005	.320	.097	.00261
%RSD	.26847	.07813	.38890	.01915	1.2924	.39486	.52710
#1	.48396	.50405	.47797	24.370	24.570	24.564	.49280
#2	.48580	.50460	.48061	24.377	25.023	24.702	.49648
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.840	.49434	.49034	.50164	.49788	.50244	.49731
SDev	.149	.00025	.00251	.00060	.00044	.00386	.00314
%RSD	.60088	.05079	.51209	.11921	.08783	.76819	.63062
#1	24.945	.49416	.49212	.50122	.49819	.50517	.49952
#2	24.734	.49452	.48857	.50206	.49757	.49971	.49509
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50252	.50241	.50652	.48834	.48496	.49594	.50534
SDev	.00414	.00372	.00035	.00071	.00112	.00193	.00196
%RSD	.82463	.73997	.06950	.14574	.23125	.38841	.38794
#1	.50545	.50504	.50628	.48783	.48575	.49458	.50672
#2	.49959	.49978	.50677	.48884	.48417	.49730	.50395
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49319	.48702
SDev	.00089	.00496
%RSD	.18004	1.0177
#1	.49256	.48352
#2	.49381	.49053
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5729	--	--	--	--	--	--
SDev	30.97148	--	--	--	--	--	--
%RSD	.5405853	--	--	--	--	--	--
#1	5751	--	--	--	--	--	--
#2	5707	--	--	--	--	--	--

Analysis Report Blank Sample 09/30/08 02:43:46 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/30/08 02:38:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00302	-.00025	.00138	.00020	.00023	.01184	.00019
SDev	.00319	.00006	.00002	.00005	.00004	.00015	.00005
%RSD	105.56	22.686	1.0773	25.991	17.184	1.2851	27.441
#1	.00528	-.00021	.00139	.00016	.00025	.01173	.00015
#2	.00077	-.00029	.00137	.00024	.00020	.01195	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00021	.00072	.00480	.00168	.01074	.00022
SDev	.00021	.00017	.00036	.00621	.00134	.00319	.00013
%RSD	117.38	85.309	50.539	129.43	79.804	29.708	57.643
#1	.00033	.00008	.00098	.00041	.00073	.00848	.00013
#2	.00003	.00033	.00046	.00920	.00263	.01300	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.59502	.00003	-.00151	.00148	.00049	.00092	.00183
SDev	.05846	.00009	.00007	.00138	.00090	.00236	.00001
%RSD	9.8245	347.96	4.3932	93.195	184.59	256.64	.68037
#1	.63635	.00009	-.00156	.00246	.00112	.00259	.00184
#2	.55368	-.00004	-.00146	.00051	-.00015	-.00075	.00182
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00270	.00273	.00016	-.00197	.00031	.00128	-.00046
SDev	.00469	.00120	.00023	.00013	.00015	.00046	.00259
%RSD	173.96	43.914	141.42	6.5233	47.156	36.115	560.04
#1	.00062	.00358	.00033	-.00188	.00042	.00161	-.00229
#2	-.00601	.00188	.00000	-.00207	.00021	.00095	.00137
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00017	.00118
SDev	.00037	.00062
%RSD	218.99	52.220
#1	.00009	.00161
#2	-.00043	.00074
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5663	--	--	--	--	--	--
SDev	15.37957	--	--	--	--	--	--
%RSD	.2715859	--	--	--	--	--	--
#1	5652	--	--	--	--	--	--
#2	5674	--	--	--	--	--	--

Analysis Report 09/30/08 02:48:52 AM page 1

Method: TRACE1 Sample Name: AD855494 Operator: TWS
Run Time: 09/30/08 02:43:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24909	.00382	.15334	.02034	.00058	55.758	.00028
SDev	.00264	.00255	.00008	.00006	.00001	.078	.00012
%RSD	1.0613	66.719	.05462	.30836	1.4144	.13936	44.122
#1	.24722	.00562	.15340	.02039	.00058	55.813	.00036
#2	.25096	.00202	.15328	.02030	.00057	55.703	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	-.00049	.01643	.04136	14.821	19.838	.03009
SDev	.00007	.00002	.00035	.00092	.009	.100	.00001
%RSD	4.0209	4.5471	2.1418	2.2130	.06148	.50460	.03082
#1	.00161	-.00047	.01668	.04071	14.827	19.909	.03008
#2	.00170	-.00050	.01619	.04200	14.814	19.767	.03009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2877.1	.01052	-.00620	.00027	-.00188	.01087	-.00149
SDev	.9	.00034	.00122	.00065	.00084	.00062	.00320
%RSD	.03214	3.2690	19.740	236.14	44.636	5.7245	215.06
#1	H2877.7	.01076	-.00533	.00073	-.00129	.01131	.00077
#2	H2876.4	.01028	-.00706	-.00018	-.00247	.01043	-.00375
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02021	.00620	-.00062	-.00096	.00154	.00318	-.00309
SDev	.00349	.00081	.00010	.00419	.00016	.00086	.00073
%RSD	17.257	13.078	15.698	435.50	10.358	27.043	23.515
#1	.02268	.00562	-.00055	.00200	.00142	.00379	-.00257
#2	.01774	.00677	-.00069	-.00392	.00165	.00257	-.00360
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00005	.01232
SDev	.00020	.00034
%RSD	385.81	2.7748
#1	.00019	.01256
#2	-.00009	.01208
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5073	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.2090980	--	--	--	--	--	--
#1	5065	--	--	--	--	--	--
#2	5080	--	--	--	--	--	--

Analysis Report 09/30/08 02:53:58 AM page 1

Method: TRACE1 Sample Name: AD855495 Operator: TWS
Run Time: 09/30/08 02:48:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47407	.00587	.15175	.01889	.00058	53.804	.00253
SDev	.00567	.00028	.00063	.00003	.00003	.138	.00001
%RSD	1.1955	4.7194	.41793	.13513	5.6320	.25680	.40804
#1	.47006	.00567	.15130	.01888	.00055	53.707	.00252
#2	.47808	.00606	.15219	.01891	.00060	53.902	.00254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.00044	.02368	.04213	14.660	19.039	.00957
SDev	.00120	.00040	.00024	.00192	.029	.001	.00006
%RSD	57.314	91.564	1.0165	4.5576	.20074	.00786	.57865
#1	.00125	.00072	.02351	.04077	14.681	19.038	.00954
#2	.00295	.00015	.02385	.04349	14.640	19.041	.00961
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2864.2	.01017	-.00310	.00122	-.00022	.01271	-.00047
SDev	3.3	.00032	.00301	.00079	.00153	.00059	.00084
%RSD	.11526	3.0959	97.191	64.940	701.35	4.6127	178.20
#1	H2866.5	.00995	-.00523	.00066	-.00130	.01229	-.00107
#2	H2861.8	.01040	-.00097	.00178	.00086	.01312	.00012
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02672	.00570	-.00038	-.00155	.00235	.00839	-.00236
SDev	.00169	.00172	.00019	.00327	.00065	.00104	.00217
%RSD	6.3269	30.257	48.721	211.02	27.603	12.416	92.210
#1	.02792	.00448	-.00052	.00076	.00189	.00913	-.00389
#2	.02553	.00692	-.00025	-.00386	.00281	.00766	-.00082
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00018	.01307
SDev	.00016	.00050
%RSD	87.738	3.8115
#1	.00030	.01342
#2	.00007	.01272
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5056	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.1783213	--	--	--	--	--	--
#1	5049	--	--	--	--	--	--
#2	5062	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855496 Operator: TWS
Run Time: 09/30/08 02:54:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7525	.00292	.15620	.04192	.00099	60.018	.00067
SDev	.0010	.00039	.00038	.00013	.00003	.111	.00023
%RSD	.05479	13.417	.24407	.30614	3.4453	.18460	33.695
#1	1.7532	.00265	.15647	.04183	.00101	60.096	.00051
#2	1.7518	.00320	.15593	.04201	.00096	59.940	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00433	.00176	.11135	2.4507	14.529	20.053	.46817
SDev	.00076	.00018	.00001	.0102	.129	.007	.00092
%RSD	17.453	10.226	.00995	.41726	.88555	.03694	.19723
#1	.00487	.00163	.11135	2.4435	14.438	20.048	.46752
#2	.00380	.00188	.11136	2.4579	14.620	20.059	.46883
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2806.4	.06520	-.00209	.00126	.00014	.01114	-.00142
SDev	4.8	.00072	.00122	.00111	.00115	.00296	.00043
%RSD	.17225	1.1042	58.343	88.395	799.48	26.557	30.353
#1	H2803.0	.06571	-.00295	.00047	-.00067	.01323	-.00173
#2	H2809.8	.06469	-.00123	.00205	.00096	.00905	-.00112
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01576	.00883	.00026	.00300	.00043	.10205	-.00341
SDev	.00238	.00325	.00013	.00032	.00032	.00010	.00096
%RSD	15.116	36.771	51.987	10.724	75.457	.09526	28.089
#1	.01745	.01112	.00016	.00323	.00020	.10198	-.00273
#2	.01408	.00653	.00035	.00277	.00065	.10212	-.00408
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00006	.00011
SDev	.00019	.00202
%RSD	330.33	1786.7
#1	.00019	.00154
#2	-.00008	-.00131
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5132	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.2583359	--	--	--	--	--	--
#1	5142	--	--	--	--	--	--
#2	5123	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855497 Operator: TWS
Run Time: 09/30/08 02:59:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3774	.00072	.16141	.04040	.00095	60.654	.00053
SDev	.0019	.00014	.00067	.00013	.00003	.102	.00011
%RSD	.14019	18.907	.41540	.32454	2.8543	.16872	19.965
#1	1.3760	.00062	.16188	.04049	.00097	60.726	.00061
#2	1.3787	.00081	.16093	.04031	.00093	60.582	.00046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00424	-.00017	.03232	.84518	15.311	20.590	.42971
SDev	.00017	.00024	.00016	.01205	.094	.096	.00195
%RSD	4.0980	139.10	.50924	1.4255	.61684	.46521	.45374
#1	.00411	-.00035	.03244	.83666	15.378	20.658	.43109
#2	.00436	-.00000	.03221	.85370	15.245	20.523	.42833
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2903.0	.05503	-.00500	.00090	-.00106	.01274	-.00116
SDev	2.2	.00082	.00145	.00010	.00041	.00146	.00107
%RSD	.07448	1.4859	28.996	11.411	38.950	11.449	92.355
#1	H2904.5	.05560	-.00602	.00097	-.00135	.01378	-.00192
#2	H2901.4	.05445	-.00397	.00083	-.00077	.01171	-.00040
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02191	.00816	-.00040	-.00008	.00047	.06980	-.00435
SDev	.00514	.00038	.00009	.00372	.00000	.00084	.00241
%RSD	23.459	4.6623	21.451	4511.2	.16418	1.2033	55.490
#1	.02554	.00789	-.00034	.00255	.00047	.07040	-.00605
#2	.01827	.00843	-.00047	-.00271	.00047	.06921	-.00264
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00016	.00169
SDev	.00028	.00095
%RSD	176.69	55.957
#1	.00004	.00102
#2	-.00036	.00236
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5067	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0188416	--	--	--	--	--	--
#1	5067	--	--	--	--	--	--
#2	5066	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855498 Operator: TWS
Run Time: 09/30/08 03:04:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0427	.00519	.16035	.03848	.00092	60.173	.00026
SDev	.0089	.00029	.00004	.00001	.00004	.069	.00019
%RSD	.85074	5.5643	.02760	.03292	3.8672	.11431	72.180
#1	1.0365	.00499	.16031	.03849	.00095	60.222	.00040
#2	1.0490	.00540	.16038	.03847	.00090	60.125	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00473	-.00061	.01296	.56998	15.138	20.532	.45261
SDev	.00011	.00015	.00017	.00106	.004	.087	.00161
%RSD	2.4109	25.222	1.3342	.18543	.02827	.42401	.35609
#1	.00465	-.00050	.01284	.57073	15.135	20.594	.45375
#2	.00481	-.00072	.01309	.56923	15.141	20.471	.45147
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2895.7	.05289	-.00355	.00182	.00003	.01050	.00328
SDev	.5	.00040	.00250	.00071	.00131	.00409	.00398
%RSD	.01563	.75844	70.366	39.151	4414.1	38.928	121.17
#1	H2895.4	.05318	-.00178	.00232	.00095	.00761	.00610
#2	H2896.0	.05261	-.00531	.00131	-.00089	.01338	.00047
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01766	.00691	-.00035	.00287	.00036	.05216	-.00244
SDev	.00405	.00410	.00006	.00272	.00016	.00061	.00072
%RSD	22.961	59.317	17.955	94.600	44.896	1.1751	29.309
#1	.01479	.00401	-.00040	.00480	.00025	.05259	-.00295
#2	.02052	.00981	-.00031	.00095	.00048	.05172	-.00193
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00125
SDev	.00020	.00094
%RSD	427.57	75.695
#1	.00010	.00058
#2	-.00019	.00192
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5046	--	--	--	--	--	--
SDev	9.439599	--	--	--	--	--	--
%RSD	.1870681	--	--	--	--	--	--
#1	5039	--	--	--	--	--	--
#2	5053	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855499 Operator: TWS
Run Time: 09/30/08 03:09:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39409	.00364	.15869	.03534	.00076	59.914	.00026
SDev	.00062	.00081	.00094	.00008	.00001	.115	.00006
%RSD	.15758	22.366	.59169	.23024	1.8034	.19237	23.729
#1	.39365	.00422	.15802	.03540	.00075	59.832	.00031
#2	.39453	.00306	.15935	.03528	.00077	59.995	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00405	.00031	.02973	.24332	14.880	20.386	.44497
SDev	.00005	.00027	.00020	.00032	.052	.014	.00047
%RSD	1.1052	85.212	.65866	.13103	.35021	.07033	.10649
#1	.00408	.00050	.02959	.24310	14.843	20.376	.44464
#2	.00402	.00012	.02987	.24355	14.917	20.396	.44531
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2891.5	.04381	-.00384	-.00052	-.00162	.00867	.00129
SDev	3.9	.00049	.00039	.00180	.00107	.00014	.00360
%RSD	.13365	1.1179	10.287	346.57	65.842	1.6641	278.55
#1	H2894.3	.04415	-.00356	-.00179	-.00238	.00857	.00383
#2	H2888.8	.04346	-.00412	.00075	-.00087	.00877	-.00125
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01904	.00348	-.00059	.00176	.00037	.05328	-.00194
SDev	.00187	.00115	.00006	.00053	.00016	.00019	.00096
%RSD	9.8142	33.052	10.859	30.419	43.252	.35332	49.568
#1	.02036	.00267	-.00064	.00138	.00026	.05315	-.00262
#2	.01772	.00430	-.00055	.00213	.00048	.05342	-.00126
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00002	.00339
SDev	.00000	.00096
%RSD	17.228	28.213
#1	.00003	.00407
#2	.00002	.00272
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5065	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.2847930	--	--	--	--	--	--
#1	5055	--	--	--	--	--	--
#2	5075	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855500 Operator: TWS
Run Time: 09/30/08 03:14:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20208	.00264	.15319	.03408	.00079	58.529	.00006
SDev	.00334	.00076	.00113	.00001	.00000	.134	.00007
%RSD	1.6521	28.643	.73516	.03981	.12088	.22941	122.48
#1	.19972	.00317	.15399	.03407	.00079	58.624	.00001
#2	.20444	.00210	.15239	.03409	.00079	58.434	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00392	-.00004	.00872	.03903	14.332	19.877	.41294
SDev	.00077	.00015	.00028	.00792	.076	.075	.00143
%RSD	19.740	360.58	3.1862	20.300	.53058	.37962	.34547
#1	.00337	.00007	.00852	.03343	14.386	19.930	.41395
#2	.00446	-.00015	.00891	.04464	14.278	19.823	.41193
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2822.1	.03782	-.00293	.00008	-.00092	.00860	.00049
SDev	1.0	.00023	.00154	.00295	.00145	.00074	.00438
%RSD	.03369	.59750	52.716	3701.7	157.62	8.6553	899.97
#1	H2822.8	.03798	-.00184	-.00201	-.00195	.00807	.00359
#2	H2821.4	.03766	-.00402	.00217	.00011	.00913	-.00261
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01675	.00452	-.00058	.00204	.00072	.03342	-.00312
SDev	.00067	.00145	.00033	.00256	.00032	.00027	.00333
%RSD	3.9838	32.059	56.363	125.49	45.402	.79712	106.52
#1	.01722	.00350	-.00082	.00023	.00049	.03360	-.00077
#2	.01628	.00555	-.00035	.00385	.00095	.03323	-.00548
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	.00530
SDev	.00010	.00006
%RSD	29.042	1.2244
#1	.00041	.00525
#2	.00027	.00534
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5111	--	--	--	--	--	--
SDev	10.81860	--	--	--	--	--	--
%RSD	.2116686	--	--	--	--	--	--
#1	5119	--	--	--	--	--	--
#2	5103	--	--	--	--	--	--

Analysis Report 09/30/08 03:24:24 AM page 1

Method: TRACE1 Sample Name: AD855501 Operator: TWS
Run Time: 09/30/08 03:19:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07727	.00234	.15838	.03040	.00068	59.016	.00029
SDev	.00321	.00004	.00005	.00016	.00001	.039	.00019
%RSD	4.1552	1.6508	.03362	.51253	.86896	.06650	64.893
#1	.07500	.00236	.15834	.03029	.00067	59.044	.00043
#2	.07954	.00231	.15842	.03051	.00068	58.988	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	-.00022	.01210	.05912	15.225	20.505	.33999
SDev	.00052	.00000	.00032	.01401	.177	.054	.00128
%RSD	18.287	.18638	2.6235	23.701	1.1596	.26517	.37750
#1	.00248	-.00022	.01233	.04921	15.100	20.466	.33909
#2	.00322	-.00022	.01188	.06902	15.349	20.543	.34090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2910.5	.02854	-.00488	.00350	.00071	.00757	.00252
SDev	4.1	.00003	.00238	.00038	.00053	.00254	.00359
%RSD	.13990	.09797	48.699	10.991	75.333	33.548	142.83
#1	H2907.6	.02852	-.00320	.00323	.00109	.00936	.00506
#2	H2913.4	.02856	-.00657	.00378	.00033	.00577	-.00003
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01333	.00468	-.00036	.00142	.00050	.01748	-.00351
SDev	.00273	.00244	.00010	.00044	.00033	.00020	.00168
%RSD	20.479	52.165	27.360	31.264	66.030	1.1715	47.877
#1	.01527	.00641	-.00043	.00111	.00026	.01733	-.00470
#2	.01140	.00295	-.00029	.00173	.00073	.01762	-.00232
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00013	.00730
SDev	.00022	.00025
%RSD	172.20	3.4005
#1	-.00003	.00747
#2	.00029	.00712
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5052	--	--	--	--	--	--
SDev	9.333602	--	--	--	--	--	--
%RSD	.1847506	--	--	--	--	--	--
#1	5059	--	--	--	--	--	--
#2	5045	--	--	--	--	--	--

Analysis Report 09/30/08 03:32:26 AM page 1

Method: TRACE1 Sample Name: AD855483/PB Operator: TWS
Run Time: 09/30/08 03:27:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00562	-.00005	.00493	.00005	-.00027	.04958	.00009
SDev	.00588	.00002	.00020	.00004	.00002	.00215	.00011
%RSD	104.71	46.724	4.0399	70.578	6.5403	4.3271	113.51
#1	.00977	-.00006	.00507	.00003	-.00029	.05110	.00002
#2	.00146	-.00003	.00479	.00008	-.00026	.04806	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	-.00018	.00017	-.00641	-.00780	.00818	.00007
SDev	.00028	.00020	.00062	.00010	.00771	.00104	.00000
%RSD	81.798	114.20	372.49	1.5912	98.917	12.701	2.2581
#1	.00054	-.00003	-.00027	-.00634	-.00234	.00745	.00007
#2	.00014	-.00032	.00061	-.00649	-.01325	.00892	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1.2097	.00020	-.00068	.00011	-.00015	-.00128	-.00029
SDev	.5117	.00012	.00274	.00169	.00021	.00068	.00220
%RSD	42.303	57.121	401.84	1484.3	140.54	53.613	752.32
#1	H1.5715	.00012	.00125	-.00108	-.00030	-.00079	.00126
#2	H.84783	.00028	-.00262	.00130	-.00000	-.00176	-.00185
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00136	-.00124	.00005	.00106	-.00010	.00180	.00009
SDev	.00663	.00434	.00008	.00111	.00014	.00013	.00022
%RSD	487.70	351.36	141.76	104.72	136.01	7.0452	232.86
#1	-.00605	.00184	.00011	.00028	-.00020	.00189	.00025
#2	.00333	-.00431	-.00000	.00185	-.00000	.00171	-.00006
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00067	.00169
SDev	.00009	.00082
%RSD	13.458	48.739
#1	-.00061	.00111
#2	-.00073	.00227
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5960	--	--	--	--	--	--
SDev	46.13872	--	--	--	--	--	--
%RSD	.7741753	--	--	--	--	--	--
#1	5992	--	--	--	--	--	--
#2	5927	--	--	--	--	--	--

Analysis Report 09/30/08 03:37:31 AM page 1

Method: TRACE1 Sample Name: AD855482/FB Operator: TWS
Run Time: 09/30/08 03:32:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7591	.19704	.19655	.19649	.19508	9.7807	.19512
SDev	.0166	.00081	.00225	.00105	.00125	.0114	.00000
%RSD	.16963	.40865	1.1442	.53226	.64155	.11704	.00022
#1	9.7708	.19761	.19814	.19723	.19597	9.7726	.19512
#2	9.7474	.19647	.19496	.19575	.19420	9.7888	.19512
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19514	.19591	.19136	9.8057	10.027	9.7782	.19500
SDev	.00072	.00014	.00126	.0116	.150	.0371	.00118
%RSD	.36850	.07295	.65906	.11814	1.4949	.37903	.60343
#1	.19463	.19601	.19225	9.8139	10.133	9.8044	.19583
#2	.19565	.19581	.19047	9.7976	9.9208	9.7520	.19417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8746	.19582	.19547	.19791	.19710	.19782	.19519
SDev	.1345	.00024	.00305	.00197	.00030	.00121	.00276
%RSD	1.3617	.12036	1.5622	.99443	.15010	.61209	1.4149
#1	9.7795	.19565	.19331	.19930	.19730	.19867	.19324
#2	9.9697	.19598	.19763	.19652	.19689	.19696	.19714
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20197	.19574	.19354	.19520	.19278	.19425	.20275
SDev	.00194	.00279	.00046	.00100	.00021	.00076	.00117
%RSD	.96274	1.4246	.23995	.51334	.10940	.39157	.57661
#1	.20060	.19771	.19387	.19450	.19293	.19478	.20192
#2	.20335	.19377	.19321	.19591	.19263	.19371	.20358
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04917	.19200
SDev	.00052	.00176
%RSD	1.0660	.91453
#1	.04954	.19324
#2	.04879	.19076
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5949	--	--	--	--	--	--
SDev	32.13814	--	--	--	--	--	--
%RSD	.5402208	--	--	--	--	--	--
#1	5926	--	--	--	--	--	--
#2	5972	--	--	--	--	--	--

Analysis Report QC Standard 09/30/08 03:45:32 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 09/30/08 03:40:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.136	.47438	.47534	.48201	.48749	24.219	.48510
SDev	.032	.00083	.00087	.00133	.00145	.005	.00093
%RSD	.13255	.17471	.18367	.27674	.29709	.02127	.19102
#1	24.113	.47497	.47596	.48107	.48646	24.223	.48576
#2	24.159	.47379	.47473	.48295	.48851	24.216	.48445
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47919	.49710	.47219	24.098	24.644	24.393	.49023
SDev	.00030	.00036	.00033	.012	.201	.059	.00159
%RSD	.06344	.07186	.07033	.04986	.81712	.24175	.32475
#1	.47897	.49735	.47195	24.089	24.502	24.351	.48910
#2	.47940	.49685	.47242	24.106	24.786	24.434	.49135
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.989	.49031	.48752	.49222	.49065	.49870	.48874
SDev	.177	.00191	.00258	.00017	.00074	.00362	.00144
%RSD	.70822	.38921	.52956	.03565	.15137	.72659	.29355
#1	24.863	.48896	.48569	.49234	.49013	.49614	.48773
#2	25.114	.49166	.48935	.49210	.49118	.50126	.48976
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49194	.50209	.49999	.48948	.47865	.49166	.50074
SDev	.00061	.00574	.00020	.00689	.00099	.00018	.00207
%RSD	.12499	1.1438	.03942	1.4085	.20670	.03690	.41363
#1	.49238	.49803	.49986	.49436	.47795	.49179	.50221
#2	.49151	.50615	.50013	.48461	.47935	.49153	.49928
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48510	.48013
SDev	.00056	.00447
%RSD	.11591	.93211
#1	.48470	.47697
#2	.48549	.48330
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5789	--	--	--	--	--	--
SDev	10.18261	--	--	--	--	--	--
%RSD	.1758974	--	--	--	--	--	--
#1	5796	--	--	--	--	--	--
#2	5782	--	--	--	--	--	--

Analysis Report Blank Sample 09/30/08 03:50:37 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 09/30/08 03:45:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00785	-.00091	.00244	.00022	.00025	.01311	.00026
SDev	.00929	.00119	.00026	.00009	.00001	.00064	.00004
%RSD	118.41	130.80	10.525	40.762	3.0141	4.9094	13.983
#1	.01442	-.00175	.00226	.00016	.00024	.01265	.00023
#2	.00128	-.00007	.00262	.00028	.00025	.01356	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00000	.00053	.00545	-.02166	.01541	.00027
SDev	.00025	.00056	.00026	.00001	.02115	.00049	.00000
%RSD	311.26	28242.	49.727	.10802	97.642	3.1859	.93022
#1	.00025	.00040	.00072	.00546	-.00670	.01506	.00026
#2	-.00010	-.00039	.00034	.00545	-.03661	.01576	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58926	.00043	.00036	-.00034	-.00011	.00377	.00047
SDev	.13981	.00014	.00152	.00077	.00102	.00215	.00109
%RSD	23.726	33.629	425.94	226.97	937.01	57.064	230.57
#1	.68812	.00053	-.00072	-.00089	-.00083	.00529	-.00030
#2	.49040	.00033	.00143	.00021	.00061	.00225	.00124
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.00447	.00010	.00013	-.00020	.00115	-.00029
SDev	.00418	.00113	.00017	.00292	.00000	.00029	.00193
%RSD	176.76	25.394	160.23	2247.4	.08447	25.307	673.10
#1	.00532	.00527	.00022	.00219	-.00020	.00136	.00108
#2	-.00059	.00367	-.00001	-.00193	-.00020	.00095	-.00165
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00040	.00060
SDev	.00005	.00010
%RSD	13.318	16.861
#1	-.00044	.00053
#2	-.00036	.00067
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5728	--	--	--	--	--	--
SDev	35.21378	--	--	--	--	--	--
%RSD	.6147282	--	--	--	--	--	--
#1	5753	--	--	--	--	--	--
#2	5703	--	--	--	--	--	--

Analysis Report 10/03/08 09:39:59 AM page 1

TestAmerica Buffalo Analyst: TWS

Primary Review: JP Date: 10/3/08 Secondary Review: AM Date: 10/3/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-127-A	1100208	TRACE1	10/02/08	10:08		X	IR
2	STD 1 12-131-C	1100208	TRACE1	10/02/08	10:13		X	IR
3	STD 2 12-131-D	1100208	TRACE1	10/02/08	10:18		X	IR
4	STD 3 12-131-B	1100208	TRACE1	10/02/08	10:22		X	IR
5	STD 3 VER 1	1100208	TRACE1	10/02/08	10:27	TWS	B	CONC
6	ICV 12-127-E	1100208	TRACE1	10/02/08	10:32	TWS	Q	CONC
7	ICB 12-127-A	1100208	TRACE1	10/02/08	10:38	TWS	B	CONC
8	CRI 12-120-A	1100208	TRACE1	10/02/08	10:43	TWS	B	CONC
9	ICSA 12-124-B	1100208	TRACE1	10/02/08	10:48	TWS	Q	CONC
10	ICSAB 12-124-C	1100208	TRACE1	10/02/08	10:53	TWS	Q	CONC
11	CCV 12-127-F	1100208	TRACE1	10/02/08	11:01	TWS	Q	CONC
12	CCB 12-127-A	1100208	TRACE1	10/02/08	11:06	TWS	B	CONC
13	A8B76302/TOT	1100208	TRACE1	10/02/08	11:15	TWS	S	CONC
14	AD855276	1100208	TRACE1	10/02/08	11:22	TWS	S	CONC
15	AD854999 B740	1100208	TRACE1	10/02/08	11:27	TWS	S	CONC
16	AD854993/(1:20) B738	1100208	TRACE1	10/02/08	11:32	TWS	S	CONC
17	AD854994/(1:20)	1100208	TRACE1	10/02/08	11:37	TWS	S	CONC
18	AD856075/FB	1100208	TRACE1	10/02/08	11:42	TWS	S	CONC
19	AD856072/MS B927	1100208	TRACE1	10/02/08	11:47	TWS	S	CONC
20	AD856073/SD	1100208	TRACE1	10/02/08	11:52	TWS	S	CONC
21	AD856211/PB	1100208	TRACE1	10/02/08	12:00	TWS	S	CONC
22	AD852210/FB	1100208	TRACE1	10/02/08	12:05	TWS	S	CONC
23	CCV	1100208	TRACE1	10/02/08	12:13	TWS	Q	CONC
24	CCB	1100208	TRACE1	10/02/08	12:18	TWS	B	CONC
25	AD856209/PB	1100208	TRACE1	10/02/08	12:23	TWS	S	CONC
26	AD856208/FB	1100208	TRACE1	10/02/08	12:28	TWS	S	CONC
27	AD856187 B825	1100208	TRACE1	10/02/08	12:33	TWS	S	CONC
28	AD856188	1100208	TRACE1	10/02/08	12:39	TWS	S	CONC
29	AD856189	1100208	TRACE1	10/02/08	12:44	TWS	S	CONC
30	AD856190	1100208	TRACE1	10/02/08	12:49	TWS	S	CONC
31	AD856191	1100208	TRACE1	10/02/08	12:56	TWS	S	CONC
32	CRI	1100208	TRACE1	10/02/08	13:07	TWS	B	CONC
33	ICSA	1100208	TRACE1	10/02/08	13:12	TWS	Q	CONC
34	ICSAB	1100208	TRACE1	10/02/08	13:20	TWS	Q	CONC
35	CCV	1100208	TRACE1	10/02/08	13:28	TWS	Q	CONC
36	CCB	1100208	TRACE1	10/02/08	13:33	TWS	B	CONC
37	AD856192	1100208	TRACE1	10/02/08	13:38	TWS	S	CONC
38	AD856192/L (1:5)	1100208	TRACE1	10/02/08	13:43	TWS	S	CONC
39	AD856192/PS	1100208	TRACE1	10/02/08	13:48	TWS	S	CONC
40	AD856193/MS	1100208	TRACE1	10/02/08	13:53	TWS	S	CONC
41	AD856194/SD	1100208	TRACE1	10/02/08	13:58	TWS	S	CONC
42	AD856195	1100208	TRACE1	10/02/08	14:03	TWS	S	CONC
43	AD856196	1100208	TRACE1	10/02/08	14:08	TWS	S	CONC
44	AD856197	1100208	TRACE1	10/02/08	14:15	TWS	S	CONC
45	AD856198	1100208	TRACE1	10/02/08	14:22	TWS	S	CONC
46	AD856199	1100208	TRACE1	10/02/08	14:27	TWS	S	CONC
47	CCV	1100208	TRACE1	10/02/08	14:35	TWS	Q	CONC
48	CCB	1100208	TRACE1	10/02/08	14:40	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD856200 B825	1100208	TRACE1	10/02/08	14:45	TWS	S	CONC
50	AD856201	1100208	TRACE1	10/02/08	14:56	TWS	S	CONC
51	AD856202	1100208	TRACE1	10/02/08	15:01	TWS	S	CONC
52	AD856203	1100208	TRACE1	10/02/08	15:06	TWS	S	CONC
53	AD856268/PB	1100208	TRACE1	10/02/08	15:14	TWS	S	CONC
54	AD856267/CLPSL	1100208	TRACE1	10/02/08	15:19	TWS	S	CONC
55	AD856248 B840	1100208	TRACE1	10/02/08	15:24	TWS	S	CONC
56	AD856249	1100208	TRACE1	10/02/08	15:29	TWS	S	CONC
57	AD856250	1100208	TRACE1	10/02/08	15:34	TWS	S	CONC
58	AD856251	1100208	TRACE1	10/02/08	15:39	TWS	S	CONC
59	CCV	1100208	TRACE1	10/02/08	15:47	TWS	Q	CONC
60	CCB	1100208	TRACE1	10/02/08	15:52	TWS	B	CONC
61	AD856251/L (1:5)	1100208	TRACE1	10/02/08	15:57	TWS	S	CONC
62	AD856251/PS	1100208	TRACE1	10/02/08	16:02	TWS	S	CONC
63	AD856252/MS	1100208	TRACE1	10/02/08	16:07	TWS	S	CONC
64	AD856253/SD	1100208	TRACE1	10/02/08	16:27	TWS	S	CONC
65	AD856254	1100208	TRACE1	10/02/08	16:32	TWS	S	CONC
66	AD856255	1100208	TRACE1	10/02/08	16:39	TWS	S	CONC
67	AD856256	1100208	TRACE1	10/02/08	16:44	TWS	S	CONC
68	CRI	1100208	TRACE1	10/02/08	16:55	TWS	B	CONC
69	ICSA	1100208	TRACE1	10/02/08	17:00	TWS	Q	CONC
70	ICSAB	1100208	TRACE1	10/02/08	17:05	TWS	Q	CONC
71	CCV	1100208	TRACE1	10/02/08	17:13	TWS	Q	CONC
72	CCB	1100208	TRACE1	10/02/08	17:18	TWS	B	CONC
73	AD856257	1100208	TRACE1	10/02/08	17:23	TWS	S	CONC
74	AD856258	1100208	TRACE1	10/02/08	17:28	TWS	S	CONC
75	AD856259	1100208	TRACE1	10/02/08	17:33	TWS	S	CONC
76	AD856260	1100208	TRACE1	10/02/08	17:38	TWS	S	CONC
77	AD856261 B921	1100208	TRACE1	10/02/08	17:43	TWS	S	CONC
78	AD856262	1100208	TRACE1	10/02/08	17:48	TWS	S	CONC
79	AD856263	1100208	TRACE1	10/02/08	17:53	TWS	S	CONC
80	AD856264	1100208	TRACE1	10/02/08	17:58	TWS	S	CONC
81	AD856265	1100208	TRACE1	10/02/08	18:03	TWS	S	CONC
82	AD856266	1100208	TRACE1	10/02/08	18:08	TWS	S	CONC
83	CCV	1100208	TRACE1	10/02/08	18:16	TWS	Q	CONC
84	CCB	1100208	TRACE1	10/02/08	18:21	TWS	B	CONC
85	AD856609/PB	1100208	TRACE1	10/02/08	18:26	TWS	S	CONC
86	AD856608/CLPSL	1100208	TRACE1	10/02/08	18:31	TWS	S	CONC
87	AD856587 B795	1100208	TRACE1	10/02/08	18:37	TWS	S	CONC
88	AD856587/L (1:5)	1100208	TRACE1	10/02/08	18:42	TWS	S	CONC
89	AD856587/PS	1100208	TRACE1	10/02/08	18:47	TWS	S	CONC
90	AD856588/MS	1100208	TRACE1	10/02/08	18:52	TWS	S	CONC
91	AD856589/SD	1100208	TRACE1	10/02/08	18:57	TWS	S	CONC
92	AD856590	1100208	TRACE1	10/02/08	19:02	TWS	S	CONC
93	AD856591	1100208	TRACE1	10/02/08	19:07	TWS	S	CONC
94	AD856592	1100208	TRACE1	10/02/08	19:12	TWS	S	CONC
95	CCV	1100208	TRACE1	10/02/08	19:20	TWS	Q	CONC
96	CCB	1100208	TRACE1	10/02/08	19:25	TWS	B	CONC
97	AD856593	1100208	TRACE1	10/02/08	19:30	TWS	S	CONC
98	AD856594	1100208	TRACE1	10/02/08	19:35	TWS	S	CONC
99	AD856595	1100208	TRACE1	10/02/08	19:40	TWS	S	CONC
100	AD856596 B923	1100208	TRACE1	10/02/08	19:45	TWS	S	CONC
101	AD856597	1100208	TRACE1	10/02/08	19:50	TWS	S	CONC
102	AD856598	1100208	TRACE1	10/02/08	19:55	TWS	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD856599 B923	1100208	TRACE1	10/02/08	20:00	TWS	S	CONC
104	AD856600	1100208	TRACE1	10/02/08	20:05	TWS	S	CONC
105	AD856601	1100208	TRACE1	10/02/08	20:10	TWS	S	CONC
106	AD856602 B924	1100208	TRACE1	10/02/08	20:16	TWS	S	CONC
107	CCV	1100208	TRACE1	10/02/08	20:24	TWS	Q	CONC
108	CCB	1100208	TRACE1	10/02/08	20:29	TWS	B	CONC
109	STD BLK	1100208	TRACE1	10/02/08	20:47		X	IR
110	STD 1	1100208	TRACE1	10/02/08	20:52		X	IR
111	STD 2	1100208	TRACE1	10/02/08	20:57		X	IR
112	STD 3	1100208	TRACE1	10/02/08	21:02		X	IR
113	STD 3 VER	1100208	TRACE1	10/02/08	21:07	TWS	B	CONC
114	ICV	1100208	TRACE1	10/02/08	21:12	TWS	Q	CONC
115	ICB	1100208	TRACE1	10/02/08	21:17	TWS	B	CONC
116	CRI	1100208	TRACE1	10/02/08	21:22	TWS	B	CONC
117	ICSA	1100208	TRACE1	10/02/08	21:27	TWS	Q	CONC
118	ICSAB	1100208	TRACE1	10/02/08	21:32	TWS	Q	CONC
119	CCV	1100208	TRACE1	10/02/08	21:40	TWS	Q	CONC
120	CCB	1100208	TRACE1	10/02/08	21:45	TWS	B	CONC
121	AD856603	1100208	TRACE1	10/02/08	21:50	TWS	S	CONC
122	AD856604	1100208	TRACE1	10/02/08	21:55	TWS	S	CONC
123	AD856605	1100208	TRACE1	10/02/08	22:00	TWS	S	CONC
124	AD856606	1100208	TRACE1	10/02/08	22:05	TWS	S	CONC
125	AD856607	1100208	TRACE1	10/02/08	22:10	TWS	S	CONC
126	AD856503/PB	1100208	TRACE1	10/02/08	22:18	TWS	S	CONC
127	AD856502/FB	1100208	TRACE1	10/02/08	22:23	TWS	S	CONC
128	AD856482 B883	1100208	TRACE1	10/02/08	22:28	TWS	S	CONC
129	AD856483 B885	1100208	TRACE1	10/02/08	22:33	TWS	S	CONC
130	AD856483/L (1:5)	1100208	TRACE1	10/02/08	22:38	TWS	S	CONC
131	CCV	1100208	TRACE1	10/02/08	22:45	TWS	Q	CONC
132	CCB	1100208	TRACE1	10/02/08	22:50	TWS	B	CONC
133	AD856483/PS	1100208	TRACE1	10/02/08	22:55	TWS	S	CONC
134	AD856484/MS	1100208	TRACE1	10/02/08	23:00	TWS	S	CONC
135	AD856485/SD	1100208	TRACE1	10/02/08	23:05	TWS	S	CONC
136	AD856486 B928	1100208	TRACE1	10/02/08	23:10	TWS	S	CONC
137	AD856487	1100208	TRACE1	10/02/08	23:15	TWS	S	CONC
138	AD856489 B942	1100208	TRACE1	10/02/08	23:21	TWS	S	CONC
139	AD856490	1100208	TRACE1	10/02/08	23:26	TWS	S	CONC
140	AD856491 B986	1100208	TRACE1	10/02/08	23:31	TWS	S	CONC
141	AD856492 B998	1100208	TRACE1	10/02/08	23:36	TWS	S	CONC
142	AD856493 C012	1100208	TRACE1	10/02/08	23:41	TWS	S	CONC
143	CCV	1100208	TRACE1	10/02/08	23:49	TWS	Q	CONC
144	CCB	1100208	TRACE1	10/02/08	23:54	TWS	B	CONC
145	AD856494	1100208	TRACE1	10/02/08	23:59	TWS	S	CONC
146	AD856495 C016	1100208	TRACE1	10/03/08	00:04	TWS	S	CONC
147	AD856496	1100208	TRACE1	10/03/08	00:09	TWS	S	CONC
148	AD856497	1100208	TRACE1	10/03/08	00:16	TWS	S	CONC
149	AD856498	1100208	TRACE1	10/03/08	00:21	TWS	S	CONC
150	AD856499	1100208	TRACE1	10/03/08	00:26	TWS	S	CONC
151	AD856500	1100208	TRACE1	10/03/08	00:31	TWS	S	CONC
152	AD856501	1100208	TRACE1	10/03/08	00:36	TWS	S	CONC
153	AD856546/PB	1100208	TRACE1	10/03/08	00:44	TWS	S	CONC
154	AD856545/FB	1100208	TRACE1	10/03/08	00:49	TWS	S	CONC
155	CCV	1100208	TRACE1	10/03/08	00:57	TWS	Q	CONC
156	CCB	1100208	TRACE1	10/03/08	01:02	TWS	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD856523 B824	1100208	TRACE1	10/03/08	01:07	TWS	S	CONC
158	AD856524	1100208	TRACE1	10/03/08	01:12	TWS	S	CONC
159	AD856525	1100208	TRACE1	10/03/08	01:17	TWS	S	CONC
160	AD856525/L (1:5)	1100208	TRACE1	10/03/08	01:23	TWS	S	CONC
161	AD856525/PS	1100208	TRACE1	10/03/08	01:28	TWS	S	CONC
162	AD856526/MS	1100208	TRACE1	10/03/08	01:33	TWS	S	CONC
163	AD856527/SD	1100208	TRACE1	10/03/08	01:38	TWS	S	CONC
164	AD856528	1100208	TRACE1	10/03/08	01:43	TWS	S	CONC
165	AD856529	1100208	TRACE1	10/03/08	01:48	TWS	S	CONC
166	AD856530	1100208	TRACE1	10/03/08	01:53	TWS	S	CONC
167	CCV	1100208	TRACE1	10/03/08	02:01	TWS	Q	CONC
168	CCB	1100208	TRACE1	10/03/08	02:06	TWS	B	CONC
169	AD856531	1100208	TRACE1	10/03/08	02:11	TWS	S	CONC
170	AD856532	1100208	TRACE1	10/03/08	02:16	TWS	S	CONC
171	AD856533	1100208	TRACE1	10/03/08	02:21	TWS	S	CONC
172	AD856534	1100208	TRACE1	10/03/08	02:26	TWS	S	CONC
173	AD856535 C016	1100208	TRACE1	10/03/08	02:31	TWS	S	CONC
174	AD856536	1100208	TRACE1	10/03/08	02:37	TWS	S	CONC
175	AD856537	1100208	TRACE1	10/03/08	02:42	TWS	S	CONC
176	AD856539	1100208	TRACE1	10/03/08	02:47	TWS	S	CONC
177	AD856540	1100208	TRACE1	10/03/08	02:52	TWS	S	CONC
178	AD856541	1100208	TRACE1	10/03/08	02:57	TWS	S	CONC
179	CCV	1100208	TRACE1	10/03/08	03:05	TWS	Q	CONC
180	CCB	1100208	TRACE1	10/03/08	03:10	TWS	B	CONC
181	AD854542 C026	1100208	TRACE1	10/03/08	03:15	TWS	S	CONC
182	AD856543 C035	1100208	TRACE1	10/03/08	03:20	TWS	S	CONC
183	AD856544	1100208	TRACE1	10/03/08	03:25	TWS	S	CONC
184	AD855948/PB	1100208	TRACE1	10/03/08	03:33	TWS	S	CONC
185	AD855947/FB	1100208	TRACE1	10/03/08	03:38	TWS	S	CONC
186	AD855783/PB	1100208	TRACE1	10/03/08	03:43	TWS	S	CONC
187	AD855782/FB	1100208	TRACE1	10/03/08	03:49	TWS	S	CONC
188	AD855765 B794	1100208	TRACE1	10/03/08	03:54	TWS	S	CONC
189	AD855766	1100208	TRACE1	10/03/08	03:59	TWS	S	CONC
190	AD855767	1100208	TRACE1	10/03/08	04:04	TWS	S	CONC
191	CCV	1100208	TRACE1	10/03/08	04:12	TWS	Q	CONC
192	CCB	1100208	TRACE1	10/03/08	04:17	TWS	B	CONC
193	AD855768	1100208	TRACE1	10/03/08	04:22	TWS	S	CONC
194	AD855769	1100208	TRACE1	10/03/08	04:27	TWS	S	CONC
195	AD855770	1100208	TRACE1	10/03/08	04:32	TWS	S	CONC
196	AD855771	1100208	TRACE1	10/03/08	04:37	TWS	S	CONC
197	AD855772 B801	1100208	TRACE1	10/03/08	04:42	TWS	S	CONC
198	AD855773	1100208	TRACE1	10/03/08	04:47	TWS	S	CONC
199	AD855774 B885	1100208	TRACE1	10/03/08	04:52	TWS	S	CONC
200	AD855774/L (1:5)	1100208	TRACE1	10/03/08	04:58	TWS	S	CONC
201	AD855774/PS	1100208	TRACE1	10/03/08	05:03	TWS	S	CONC
202	AD855775/MS	1100208	TRACE1	10/03/08	05:08	TWS	S	CONC
203	CCV	1100208	TRACE1	10/03/08	05:16	TWS	Q	CONC
204	CCB	1100208	TRACE1	10/03/08	05:21	TWS	B	CONC
205	AD855776/SD	1100208	TRACE1	10/03/08	05:26	TWS	S	CONC
206	AD855777	1100208	TRACE1	10/03/08	05:31	TWS	S	CONC
207	AD855778	1100208	TRACE1	10/03/08	05:36	TWS	S	CONC
208	AD855779	1100208	TRACE1	10/03/08	05:41	TWS	S	CONC
209	AD855780	1100208	TRACE1	10/03/08	05:46	TWS	S	CONC
210	AD855781	1100208	TRACE1	10/03/08	05:51	TWS	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	CCV	1100208	TRACE1	10/03/08	05:59	TWS	Q	CONC
212	CCB	1100208	TRACE1	10/03/08	06:04	TWS	B	CONC
213	STD BLK	1100208	TRACE1	10/03/08	06:23		X	IR
214	STD 1	1100208	TRACE1	10/03/08	06:28		X	IR
215	STD 2	1100208	TRACE1	10/03/08	06:33		X	IR
216	STD 3	1100208	TRACE1	10/03/08	06:37		X	IR
217	STD 3 VER	1100208	TRACE1	10/03/08	06:43	TWS	B	CONC
218	ICV	1100208	TRACE1	10/03/08	06:48	TWS	Q	CONC
219	ICB	1100208	TRACE1	10/03/08	06:53	TWS	B	CONC
220	CRI	1100208	TRACE1	10/03/08	06:58	TWS	B	CONC
221	ICSA	1100208	TRACE1	10/03/08	07:03	TWS	Q	CONC
222	ICSAB	1100208	TRACE1	10/03/08	07:08	TWS	Q	CONC
223	CCV	1100208	TRACE1	10/03/08	07:16	TWS	Q	CONC
224	CCB	1100208	TRACE1	10/03/08	07:21	TWS	B	CONC
225	AD856186/PB	1100208	TRACE1	10/03/08	07:26	TWS	S	CONC
226	AD856185/FB	1100208	TRACE1	10/03/08	07:31	TWS	S	CONC
227	AD856184/PB	1100208	TRACE1	10/03/08	07:36	TWS	S	CONC
228	AD856183/FB	1100208	TRACE1	10/03/08	07:41	TWS	S	CONC
229	AD856167 B199	1100208	TRACE1	10/03/08	07:46	TWS	S	CONC
230	AD856168	1100208	TRACE1	10/03/08	07:51	TWS	S	CONC
231	AD856169	1100208	TRACE1	10/03/08	07:56	TWS	S	CONC
232	AD856170	1100208	TRACE1	10/03/08	08:02	TWS	S	CONC
233	AD856171	1100208	TRACE1	10/03/08	08:07	TWS	S	CONC
234	AD856172	1100208	TRACE1	10/03/08	08:12	TWS	S	CONC
235	CCV	1100208	TRACE1	10/03/08	08:20	TWS	Q	CONC
236	CCB	1100208	TRACE1	10/03/08	08:25	TWS	B	CONC
237	AD856173	1100208	TRACE1	10/03/08	08:30	TWS	S	CONC
238	AD856174	1100208	TRACE1	10/03/08	08:35	TWS	S	CONC
239	AD856175	1100208	TRACE1	10/03/08	08:40	TWS	S	CONC
240	AD856176	1100208	TRACE1	10/03/08	08:45	TWS	S	CONC
241	AD856177	1100208	TRACE1	10/03/08	08:50	TWS	S	CONC
242	AD856178	1100208	TRACE1	10/03/08	08:55	TWS	S	CONC
243	CRI	1100208	TRACE1	10/03/08	09:10	TWS	B	CONC
244	ICSA	1100208	TRACE1	10/03/08	09:15	TWS	Q	CONC
245	ICSAB	1100208	TRACE1	10/03/08	09:20	TWS	Q	CONC
246	CCV	1100208	TRACE1	10/03/08	09:28	TWS	Q	CONC
247	CCB	1100208	TRACE1	10/03/08	09:33	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.12057	4.37367	21.2508	43.4207	50.274	18.638
2	As1890	.10419	1.23022	5.67037	11.469	1.0012	.37218
3	B_2496	.01761	.40813	1.95814	3.961	1.0035	.36666
4	Ba4934	.0013	.71038	3.54002	7.22308	1.0076	.37365
5	Be3130	.117	1.60648	7.51746	15.0716	.99515	.37188
6	Ca3179	.03618			43.0116	49.147	18.364
7	Cd2265	.00304	1.94351	9.47211	19.0725	.98614	.36908
8	Co2286	-.00662	.82959	4.14239	8.38441	.99599	.36669
9	Cr2677	.00261	.66351	3.26853	6.65345	.99757	.38282
10	Cu3247	.00531	.48236	2.39024	4.84901	1.0029	.36446
11	Fe2714	-.00008	.73687	3.6313	7.40981	49.936	18.519
12	K_7664	-.22554			148.401	49.475	18.494
13	Mg2790	.00749			21.9517	49.171	18.341
14	Mn2576	.00052	.39384	1.94995	3.96027	.99916	.37610
15	Na3302	.00156			2.35131	49.251	18.029
16	Ni2316	-.0088	.64966	3.25477	6.6276	.99893	.37705
17	2203/1	.01952	.54784	2.62888	5.31005	.99287	.37582
18	2203/2	.01756	2.86728	14.2476	28.9356	1.0029	.37672
19	Sb2068	-.00078	.18555	.90817	1.86367	1.0012	.38291
20	1960/1	-.03783	.32429	1.77586	3.67547	1.0026	.38225
21	1960/2	.04124	.4792	2.2689	4.56777	1.0081	.37663
22	Ti3372	-.00837	1.13899	5.70563	11.5845	.99794	.38665
23	Tl1908	-.01996	.32391	1.70624	3.46546	1.0035	Q.34587
24	V_2924	.00017	.08808	.43644	.88953	1.0016	.36960
25	Zn2062	.00087	.08695	.42486	.84865	.98604	.37470
26	Sn1899	-.00139	.05776	.29169	.60087	1.0051	.38441
27	Ag3280	-.04394	.60049	3.16942	6.49315	1.0037	.37325
28	Mo2020	.00279	.27022	1.35481	2.71886	.99570	.37211
29	*Y	5734.88	5738.78	5740.65	5628.83	5648.78	5777.7
30	PB2203					.99956	.37642
31	SE1960					1.0063	.37850

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01236	.21141	516.26	523.23	25.290	.04827
2	As1890	.00019	.01183	.00070	.11118	.49938	.00046
3	B_2496	.00252	.02146	.00295	.01428	.49101	.00119
4	Ba4934	.00027	.00213	.00068	.53131	.50351	.00013
5	Be3130	.00017	.00199	.00032	.49971	.50133	.00015
6	Ca3179	.01151	.48589	508.54	516.08	24.824	.04346
7	Cd2265	-.00004	.00106	-.00014	.99350	.49484	.00019
8	Co2286	.00038	.00407	.00017	.49004	.49438	.00056
9	Cr2677	.00027	.00465	-.00012	.51315	.51599	.00028
10	Cu3247	.00014	.00961	-.00152	.52532	.49630	.00052
11	Fe2714	.00937	.05250	197.92	99.588	24.870	.01649
12	K_7664	.00293	.50337	.01587	.02538	25.182	-.00658
13	Mg2790	.01270	.20608	506.27	506.74	24.676	.04602
14	Mn2576	.00015	.00314	.00014	.50043	.50610	.00019
15	Na3302	.04692	1.0392	.05674	.12571	24.549	.16478
16	Ni2316	.00092	.00996	.00094	.97337	.50600	-.00022
17	2203/1	-.00192	.00547	.02276	.08056	.50567	-.00046
18	2203/2	.00211	.00540	-.01523	.03212	.50482	-.00092

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00183	.01956	-.00060	.65260	.51686	.00137
20	1960/1	-.00384	.01474	-.00560	.04779	.51071	-.00705
21	1960/2	-.00029	.01697	-.00470	.04639	.51271	.00017
22	Ti3372	.00033	.00522	.00031	.00205	.52445	.00036
23	Tl1908	.00844	.02244	.00196	.08584	.47124	.01436
24	V_2924	.00049	.00527	.00072	.51998	.49652	.00059
25	Zn2062	.00080	.01136	-.00252	.97571	.50021	.00090
26	Sn1899	-.00101	.00958	.00339	.00406	.51363	.00000
27	Ag3280	.00068	.00326	.00127	.21998	.50578	.00124
28	Mo2020	-.00002	.01061	.00165	-.00342	.50387	.00081
29	*Y	5749.88	5819.1	5388.67	5346.23	5624.78	5745
30	PB2203	.00076	.00542	-.00258	.04825	.50510	-.00077
31	SE1960	-.00148	.01622	-.00500	.04686	.51204	-.00223

#	Element	A8B'/TOT	AD855276	AD854999	AD8':20)	AD8':20)	AD8'5/FB
1	Al3082	1.7375	1.8350	.15482	.01969	.01839	10.425
2	As1890	.00567	.00708	.00322	.00024	.00035	.21690
3	B_2496	.02337	.02609	.19955	.11375	.13020	.20949
4	Ba4934	.02947	.03008	.13386	.00444	.00363	.21083
5	Be3130	.00058	.00069	.00012	.00013	.00025	.20842
6	Ca3179	40.912	41.349	165.60	12.245	13.422	10.275
7	Cd2265	-.00004	.00028	.00002	.00000	-.00005	.20878
8	Co2286	.16208	.16381	.00311	-.00014	-.00026	.20906
9	Cr2677	-.00009	-.00013	.00005	-.00013	.00018	.20866
10	Cu3247	.00000	.00008	.00008	.00007	.00030	.20653
11	Fe2714	28.511	28.805	.02281	-.00845	-.01035	10.461
12	K_7664	3.3119	2.9875	12.744	11.126	12.404	10.876
13	Mg2790	28.929	29.286	22.559	32.937	36.543	10.270
14	Mn2576	4.7844	4.8316	5.8785	.01227	.00943	.20888
15	Na3302	16.564	16.403	63.165	258.18	283.91	10.452
16	Ni2316	.01011	.00853	.01074	.00014	.00021	.20856
17	2203/1	-.00179	-.00235	-.00137	.00109	.00098	.20966
18	2203/2	.00081	.00063	-.00022	-.00057	-.00226	.21233
19	Sb2068	.00140	-.00080	.00279	-.00006	.00328	.21146
20	1960/1	.02081	-.00290	.00064	-.00506	.00011	.20720
21	1960/2	.00226	.00122	-.00430	.00133	.00075	.21440
22	Ti3372	.00859	.00935	.00017	.00037	.00013	.20769
23	Tl1908	-.00118	.00728	.00652	.00233	-.00140	.19014
24	V_2924	.00375	.00384	.00049	.00040	.00010	.20652
25	Zn2062	.02022	.01959	.00446	.00279	.00413	.20867
26	Sn1899	.01988	.00126	.00064	-.00124	-.00016	.21300
27	Ag3280	.00066	.00047	.00098	.00100	.00043	.05311
28	Mo2020	.00000	-.00070	.00255	-.00121	-.00142	.20847
29	*Y	6698.62	6559.8	5758.88	5672.55	5561.33	5775.08
30	PB2203	-.00005	-.00036	-.00060	-.00001	-.00118	.21144
31	SE1960	.00844	-.00015	-.00265	-.00079	.00054	.21200

#	Element	AD8'2/MS	AD8'3/SD	AD8'1/PB	AD8'0/FB	CCV	CCB
1	Al3082	10.842	10.796	.03105	10.088	25.261	.05661
2	As1890	.21603	.22096	-.00101	.21147	.50453	.00006
3	B_2496	.23906	.24237	.00475	.20492	.50207	.00215
4	Ba4934	.23115	.23489	.00020	.20811	.51312	.00040
5	Be3130	.21014	.21260	.00011	.20132	.50479	.00039
6	Ca3179	75.268	77.146	.05279	9.9028	24.699	.02020
7	Cd2265	.20366	.20861	.00001	.20318	.50495	.00013
8	Co2286	.20678	.21029	.00000	.20144	.49822	.00027
9	Cr2677	.20678	.21081	-.00010	.20081	.51422	.00027
10	Cu3247	.21005	.21233	-.00086	.19857	.49234	-.00057
11	Fe2714	10.463	10.710	-.00660	10.111	25.091	.00941
12	K_7664	13.235	12.826	.02262	10.157	24.706	.02130
13	Mg2790	19.057	19.404	.00920	9.9289	24.909	.02724
14	Mn2576	.22000	.22350	.00011	.20332	.51159	.00026
15	Na3302	25.140	25.334	.01667	9.9927	24.320	.10867
16	Ni2316	.20676	.20990	-.00077	.20163	.50946	.00034
17	2203/1	.20794	.21071	.00132	.20590	.50844	.00198
18	2203/2	.21058	.21246	.00041	.20540	.51517	-.00198
19	Sb2068	.20529	.21105	.00249	.20631	.52124	-.00193
20	1960/1	.20350	.21043	-.00490	.20667	.52450	-.00712
21	1960/2	.21122	.21639	.00113	.20614	.51781	.00106
22	Ti3372	.20759	.21105	-.00006	.19978	.52386	.00017
23	Tl1908	.19085	.20166	.00418	.19249	.49323	.01057
24	V_2924	.20565	.20944	-.00059	.19875	.49694	.00010
25	Zn2062	.21375	.21501	.00203	.19955	.50085	.00060
26	Sn1899	.20948	.21518	-.00028	.21086	.52866	.00205
27	Ag3280	.05347	.05184	.00005	.05056	.50280	-.00001
28	Mo2020	.21236	.21451	-.00041	.19846	.50420	.00155
29	*Y	5766.53	5616.08	5736.08	5806.28	5609.18	5740.65
30	PB2203	.20970	.21187	.00071	.20557	.51293	-.00066
31	SE1960	.20864	.21440	-.00088	.20631	.52004	-.00166

#	Element	AD8'9/PB	AD8'8/FB	AD856187	AD856188	AD856189	AD856190
1	Al3082	.04313	10.758	.06246	.04981	.04743	.10839
2	As1890	-.00056	.22055	.00117	-.00032	-.00135	.00477
3	B_2496	.00494	.21734	2.8352	.11955	.58595	1.1231
4	Ba4934	.00025	.22054	.06219	.03696	.07870	.05671
5	Be3130	.00019	.21395	.00011	.00031	.00024	.00024
6	Ca3179	.05472	10.512	104.40	51.507	143.53	125.57
7	Cd2265	.00007	.21723	-.00002	-.00006	.02100	.00004
8	Co2286	.00001	.21490	.00179	.00207	.00474	.00192
9	Cr2677	-.00001	.21269	.00492	-.00010	.00049	.00148
10	Cu3247	-.00097	.20939	-.00068	-.00057	.00056	-.00107
11	Fe2714	-.01174	10.799	14.071	.08538	1.1611	17.357
12	K_7664	.01460	10.680	.68990	2.5064	1.2890	.93743
13	Mg2790	.00823	10.554	24.828	9.3699	29.945	32.049
14	Mn2576	.00019	.21565	.34902	.13518	.70647	.81249
15	Na3302	-.16564	10.326	19.609	156.26	30.078	21.550
16	Ni2316	-.00036	.21561	.00080	.00063	.00588	.00180
17	2203/1	-.00174	.21585	.00054	-.00107	.00005	-.00183
18	2203/2	-.00015	.21793	-.00133	.00040	-.00038	-.00050

#	Element	AD8'9/PB	AD8'8/FB	AD856187	AD856188	AD856189	AD856190
19	Sb2068	.00302	.21898	.00090	-.00057	-.00130	.00254
20	1960/1	.00153	.21924	.00007	-.00469	.00025	.00301
21	1960/2	.00380	.22202	.00165	.00104	.00006	.00765
22	Ti3372	.00011	.21236	.00741	-.00019	.00019	.00227
23	Tl1908	.00140	.20299	.00481	.00412	.00234	.00069
24	V_2924	-.00039	.21162	.01213	-.00048	.00017	.00278
25	Zn2062	.00178	.20993	.00391	.00366	.01129	.00576
26	Sn1899	-.00067	.22497	.00087	-.00104	.00051	.00128
27	Ag3280	-.00010	.05402	.00073	.00015	.00029	.00031
28	Mo2020	-.00102	.20913	-.00018	.00590	-.00030	-.00129
29	*Y	5824.28	5582.1	5937.53	5747.17	5762.4	5740.28
30	PB2203	-.00068	.21724	-.00070	-.00008	-.00023	-.00094
31	SE1960	.00305	.22109	.00112	-.00087	.00013	.00610

#	Element	AD856191	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.11391	.23193	523.18	523.21	24.519	.07927
2	As1890	.00255	.01164	.00131	.11431	.49074	.00012
3	B_2496	.30253	.02354	.00333	.01454	.48524	.00150
4	Ba4934	.05439	.00227	.00092	.53863	.49482	.00029
5	Be3130	.00017	.00231	.00073	.50083	.48528	.00045
6	Ca3179	30.222	.48523	513.84	515.51	24.047	.02948
7	Cd2265	.00004	.00105	-.00099	1.0079	.48589	.00002
8	Co2286	.00103	.00442	.00017	.49116	.47929	.00019
9	Cr2677	-.00010	.00435	-.00080	.51148	.49589	.00000
10	Cu3247	-.00064	.00916	-.00285	.52043	.47553	-.00050
11	Fe2714	.63926	.04888	201.86	100.65	24.330	.00595
12	K_7664	17.149	.49799	.04424	.04446	24.042	.02524
13	Mg2790	6.8980	.20557	513.06	507.58	23.969	.04157
14	Mn2576	.12242	.00314	-.00011	.50350	.49302	.00022
15	Na3302	8.6283	1.0871	.07412	.12734	23.594	.07346
16	Ni2316	.00273	.00980	.00136	.97827	.49285	-.00039
17	2203/1	.00106	.00592	.02888	.08253	.49144	-.00052
18	2203/2	-.00035	.00474	-.01717	.03194	.49591	-.00085
19	Sb2068	.00243	.02225	.00139	.65205	.50242	.00370
20	1960/1	-.00498	.00674	-.01233	.05282	.50768	-.00425
21	1960/2	.00355	.01963	.00039	.05477	.49779	.00006
22	Ti3372	.00021	.00506	.00007	.00163	.50624	.00000
23	Tl1908	.00360	.02075	-.00261	.09861	.48053	.00755
24	V_2924	-.00010	.00489	.00044	.51894	.48119	.00030
25	Zn2062	.00493	.01131	-.00213	.96194	.47813	.00053
26	Sn1899	.00173	.00929	.00437	.00408	.51344	-.00049
27	Ag3280	.00739	.00305	.00079	.21805	.48809	.00015
28	Mo2020	.00895	.00810	.00040	-.00326	.48349	.00016
29	*Y	5702.55	5699.4	5251.5	5302.28	5713.65	5618.1
30	PB2203	.00011	.00513	-.00183	.04879	.49442	-.00074
31	SE1960	.00070	.01533	-.00384	.05412	.50108	-.00137

#	Element	AD856192	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD856195
1	Al3082	.27285	.09717	10.169	10.421	10.423	.05120
2	As1890	.00082	.00013	.20512	.21566	.21826	.00162
3	B_2496	.56807	.11180	.74612	.72809	.73620	.26537
4	Ba4934	.04881	.00963	.24944	.25881	.25934	.07222
5	Be3130	.00052	.00044	.19719	.20437	.20380	.00022
6	Ca3179	140.32	27.468	144.76	147.24	149.85	168.60
7	Cd2265	.00026	.00019	.19768	.20321	.20473	.00033
8	Co2286	.00306	.00103	.19751	.20432	.20481	.00088
9	Cr2677	.00040	.00010	.19487	.20336	.20337	.00038
10	Cu3247	.00299	-.00024	.19842	.20834	.20688	-.00094
11	Fe2714	.02017	-.00291	9.9643	10.336	10.357	-.00756
12	K_7664	3.3539	.62295	13.694	14.064	14.186	3.5630
13	Mg2790	36.028	7.0346	44.475	45.417	46.019	40.846
14	Mn2576	1.9781	.38899	2.1028	2.1716	2.1894	.01010
15	Na3302	49.732	9.4801	57.690	58.755	59.311	202.14
16	Ni2316	.00712	.00159	.20187	.21112	.21106	.00136
17	2203/1	-.00081	-.00186	.19248	.20594	.20523	-.00144
18	2203/2	.00041	.00071	.19730	.20434	.20581	-.00239
19	Sb2068	.00222	.00287	.20292	.21253	.21683	.00231
20	1960/1	-.00076	-.00647	.20584	.21102	.20785	.00540
21	1960/2	.00328	.00220	.20582	.20688	.21021	.00048
22	Ti3372	.00035	-.00019	.19834	.20459	.20435	-.00005
23	Tl1908	.00668	.00511	.19410	.20290	.20652	.00556
24	V_2924	.00000	-.00019	.19777	.20445	.20459	-.00039
25	Zn2062	.00433	.00204	.19197	.19603	.19698	.00765
26	Sn1899	.00248	-.00120	.17022	.21643	.21542	.00160
27	Ag3280	.00028	.00023	.05017	.05318	.05271	.00032
28	Mo2020	.00133	-.00161	.19418	.20174	.20149	-.00038
29	*Y	5567.85	5726.18	5651.55	5591.78	5665.65	5735.03
30	PB2203	.00000	-.00014	.19570	.20487	.20562	-.00207
31	SE1960	.00193	-.00069	.20583	.20826	.20942	.00212

#	Element	AD856196	AD856197	AD856198	AD856199	CCV	CCB
1	Al3082	.10298	.22230	.15066	.06602	24.843	.09001
2	As1890	.00325	.00333	.00083	.00139	.49207	-.00056
3	B_2496	.45536	.41586	.30124	.94565	.48722	.00233
4	Ba4934	.02727	.08786	.02829	.05902	.49620	.00027
5	Be3130	.00045	.00039	.00032	.00047	.48387	.00065
6	Ca3179	76.976	53.782	26.146	124.92	24.185	.02193
7	Cd2265	.00014	-.00002	.00001	.00846	.49152	.00016
8	Co2286	.00349	.00538	.00133	.00019	.48352	.00040
9	Cr2677	.00254	.00143	.00000	.00010	.50155	.00028
10	Cu3247	-.00146	-.00131	-.00139	-.00121	.47928	-.00119
11	Fe2714	6.8157	8.0788	.14547	-.00659	24.603	.01018
12	K_7664	.60406	6.1280	8.6848	1.3196	24.455	.02695
13	Mg2790	20.271	19.253	7.8451	41.150	24.035	.03499
14	Mn2576	.21506	.32356	.07458	.25448	.49393	.00025
15	Na3302	15.335	14.654	11.675	18.465	23.740	.14866
16	Ni2316	.00114	.00503	.00249	.00184	.50094	-.00063
17	2203/1	.00112	.00243	-.00067	-.00071	.49629	.00151
18	2203/2	-.00098	-.00186	-.00088	-.00035	.50033	-.00185

#	Element	AD856196	AD856197	AD856198	AD856199	CCV	CCB
19	Sb2068	-.00043	.00548	.00206	.00148	.51117	.00354
20	1960/1	-.00167	-.00498	-.00450	-.00372	.50910	.00112
21	1960/2	-.00088	-.00465	.00245	.00092	.50387	-.00075
22	Ti3372	.00443	.00217	.00007	.00016	.51177	.00024
23	Tl1908	.00454	.00132	.00133	-.00122	.49517	.00895
24	V_2924	.00783	.00123	-.00009	-.00009	.48692	.00000
25	Zn2062	.00432	.00510	.00489	.00652	.47817	.00053
26	Sn1899	.00148	-.00044	-.00046	.00123	.52502	.00115
27	Ag3280	.00088	.00023	.00088	.00076	.49220	.00101
28	Mo2020	.00055	-.00037	.00543	.00015	.48285	-.00003
29	*Y	5692.42	5653.73	5734.95	5587.88	5607.9	5628.38
30	PB2203	-.00027	-.00043	-.00081	-.00047	.49898	-.00073
31	SE1960	-.00114	-.00476	.00013	-.00062	.50561	-.00012

#	Element	AD856200	AD856201	AD856202	AD856203	AD8'8/PB	AD8'LPSL
1	Al3082	.08108	.09158	.08756	.12837	.06240	92.685
2	As1890	.00058	.00078	-.00023	.00046	-.00049	1.2890
3	B_2496	.74690	.13534	.13186	2.8751	.00434	1.2823
4	Ba4934	.04741	.02443	.04172	.06255	H.00214	2.1436
5	Be3130	.00058	.00051	.00047	.00033	.00060	1.0875
6	Ca3179	103.41	94.159	91.439	107.21	.05568	90.070
7	Cd2265	-.00007	.00058	.00000	-.00026	-.00007	.99398
8	Co2286	.00056	.00274	.00392	.00048	-.00009	1.2552
9	Cr2677	.00025	.00084	.00053	.00490	.00113	2.1707
10	Cu3247	-.00182	-.00127	-.00093	-.00143	-.00059	1.4778
11	Fe2714	-.00360	.00705	-.00912	14.442	.00721	150.83
12	K_7664	.59809	1.2868	3.8878	.69175	.06881	50.000
13	Mg2790	38.043	30.113	28.597	24.972	.00831	44.854
14	Mn2576	.93341	.00604	.02512	.35006	.00050	5.2164
15	Na3302	6.4629	106.37	79.533	20.159	.14012	7.5408
16	Ni2316	.00060	.00069	.00091	.00079	-.00033	1.1835
17	2203/1	.00044	.00083	.00013	-.00067	.00273	1.6122
18	2203/2	-.00130	-.00028	.00042	-.00084	-.00193	1.6184
19	Sb2068	.00055	.00098	.00048	.00357	.00186	.48281
20	1960/1	.00376	-.00523	.00748	-.00415	-.00823	.96065
21	1960/2	.00242	.00312	.00957	-.00126	.00312	.92590
22	Ti3372	.00005	.00036	.00002	.00783	.00048	4.5813
23	Tl1908	.00609	-.00104	.00278	.00392	.00090	1.5398
24	V_2924	-.00009	.00030	.00000	.01272	.00041	1.1318
25	Zn2062	.00583	.00747	.00940	.00272	.00443	2.5650
26	Sn1899	-.00021	.00026	.00018	-.00018	H.03541	1.0376
27	Ag3280	.00055	.00147	.00106	.00120	.00134	.79367
28	Mo2020	-.00035	.00011	.00191	-.00057	-.00022	1.0324
29	*Y	5635.05	5719.5	5672.85	5793.3	5577.08	5997.68
30	PB2203	-.00072	.00008	.00033	-.00078	-.00038	1.6163
31	SE1960	.00287	.00033	.00887	-.00223	-.00066	.93747

#	Element	AD856248	AD856249	AD856250	AD856251	CCV	CCB
1	Al3082	6.1340	8.6601	22.252	5.7838	24.817	.09951
2	As1890	.00910	.01057	.02489	.01102	.49018	-.00093
3	B_2496	.01273	.01352	.07913	.01009	.48372	.00142
4	Ba4934	.03492	.31030	.46125	.02808	.49030	.00018
5	Be3130	.00087	.00116	.00245	.00109	.47816	.00073
6	Ca3179	211.17	238.54	143.37	194.53	24.205	.02751
7	Cd2265	-.00004	.00007	.00878	-.00010	.49510	.00003
8	Co2286	.00759	.01063	.02021	.00904	.48233	-.00001
9	Cr2677	.01786	.04263	.04753	.01953	.49936	.00027
10	Cu3247	.01479	.01834	.34199	.01311	.47730	-.00115
11	Fe2714	22.140	24.461	179.55	19.770	24.495	.01506
12	K_7664	1.0851	1.9779	2.7788	1.1769	24.797	.01310
13	Mg2790	50.712	45.440	27.481	42.976	23.816	.03107
14	Mn2576	.45124	.49633	1.2566	.35929	.48967	.00023
15	Na3302	.26752	.89039	.73945	.30631	23.786	.02263
16	Ni2316	.02148	.02819	.06093	.02264	.49641	.00014
17	2203/1	.01392	.01216	7.0509	.01211	.49946	.00218
18	2203/2	.01304	.00994	7.1598	.01090	.49352	.00015
19	Sb2068	.00422	.00276	.01693	.00161	.51293	.00061
20	1960/1	-.00262	-.00493	-.00578	-.00544	.51714	-.00236
21	1960/2	.00000	.00570	.00583	-.00061	.50370	-.00282
22	Ti3372	.68348	.64770	1.1689	.53039	.51058	.00018
23	Tl1908	.00732	-.00141	-.00140	.00084	.50322	.00896
24	V_2924	.03157	.03285	.06443	.02799	.48487	.00020
25	Zn2062	.05328	.05287	.89887	.04742	.47592	.00053
26	Sn1899	.02961	.03566	.83295	.03573	.52434	.00100
27	Ag3280	.00114	.00148	.00201	.00097	.49016	.00161
28	Mo2020	.00121	.00312	.00821	.00032	.47764	-.00033
29	*Y	5755.95	5465.62	5500.05	5490.38	5649.15	5613
30	PB2203	.01334	.01068	7.1235	.01130	.49550	.00083
31	SE1960	-.00087	.00216	.00195	-.00222	.50817	-.00267

#	Element	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD856254	AD856255
1	Al3082	1.3583	25.798	25.047	26.886	8.6863	.49482
2	As1890	.00395	.42319	.42001	.44229	.01057	-.00059
3	B_2496	.01422	.40549	.38807	.40671	.01553	.02097
4	Ba4934	.00877	.43375	.41567	.44168	.04084	.65233
5	Be3130	.00076	.39211	.38249	.40414	.00141	.00035
6	Ca3179	39.067	205.90	219.32	238.68	277.16	20.604
7	Cd2265	.00006	.40264	.39906	.41302	-.00012	.00809
8	Co2286	.00195	.40303	.39679	.41990	.01035	.00069
9	Cr2677	.00455	.41580	.41082	.42988	.02562	.01378
10	Cu3247	.00123	.40842	.40260	.43477	.01922	.14999
11	Fe2714	3.9842	39.136	37.042	41.348	28.177	1.1737
12	K_7664	.25525	22.263	21.153	22.608	1.4837	1.8346
13	Mg2790	8.5770	60.708	64.558	69.199	65.528	1.7823
14	Mn2576	.07197	.74170	.74867	.80229	.58498	.03637
15	Na3302	.11222	20.186	19.244	20.576	.42921	9.3113
16	Ni2316	.00442	.42096	.41268	.43706	.02777	.01365
17	2203/1	.00154	.40712	.40507	.42127	.01845	.18903
18	2203/2	.00365	.40917	.40562	.42652	.01623	.18484

#	Element	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD856254	AD856255
19	Sb2068	.00025	.41620	.40523	.41865	.00224	.00679
20	1960/1	-.00705	.40714	.40127	.41286	-.00953	.00912
21	1960/2	.00213	.40307	.39973	.41039	.00359	.01079
22	Ti3372	.10668	.91381	.85699	.98381	.83840	.01366
23	Tl1908	.00307	.40666	.40851	.41979	.00331	-.00717
24	V_2924	.00593	.43289	.41999	.44779	.04101	.00146
25	Zn2062	.00997	.42521	.41572	.44030	.06693	.89724
26	Sn1899	.00812	.37402	.45577	.47730	.03571	.04299
27	Ag3280	.00170	.10255	.10267	.10868	.00168	.02290
28	Mo2020	.00052	.39380	.38302	.40443	-.00128	.00065
29	*Y	5621.7	5466.98	5578.5	5317.42	5477.62	5694.53
30	PB2203	.00295	.40849	.40544	.42477	.01697	.18624
31	SE1960	-.00092	.40442	.40024	.41121	-.00078	.01023

#	Element	AD856256	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.63695	.26861	521.59	517.36	24.821	.08305
2	As1890	-.00075	.01105	-.00198	.11004	.49207	.00037
3	B_2496	.02242	.02283	.00179	.01340	.48712	.00209
4	Ba4934	.16721	.00215	.00074	.52038	.48854	.00010
5	Be3130	.00033	.00250	.00101	.47536	.47690	.00075
6	Ca3179	19.198	.47850	506.53	501.86	24.142	.01968
7	Cd2265	.02619	.00129	-.00116	.99873	.49925	.00020
8	Co2286	.00103	.00445	.00004	.48064	.48376	.00011
9	Cr2677	.05253	.00449	-.00056	.49670	.49692	.00025
10	Cu3247	.52557	.00843	-.00329	.51235	.48038	-.00125
11	Fe2714	1.7342	.04718	198.63	97.960	24.385	.00788
12	K_7664	2.1490	.51014	.02868	.00971	25.510	-.01712
13	Mg2790	1.9644	.19645	497.18	487.32	23.673	.03147
14	Mn2576	.04332	.00306	-.00096	.48434	.48991	.00018
15	Na3302	8.5399	1.2900	.21947	.25559	24.032	.09768
16	Ni2316	.01483	.01020	.00022	.95562	.49578	-.00081
17	2203/1	.41369	.00669	.02503	.07036	.49563	.00030
18	2203/2	.41501	.00536	-.01705	.03492	.49144	-.00106
19	Sb2068	.00502	.02369	.00496	.65662	.51424	.00334
20	1960/1	.00567	.01332	-.01087	.04261	.51869	-.00555
21	1960/2	.00683	.01735	-.00311	.05077	.49939	.00109
22	Ti3372	.01936	.00542	.00057	.00213	.51384	.00038
23	Tl1908	-.00792	.01583	-.00702	Q.06740	Q.39342	H.02386
24	V_2924	.00234	.00598	.00168	.50925	.48419	.00021
25	Zn2062	1.0663	.01108	-.00235	.92269	.48019	.00087
26	Sn1899	.05272	.00955	.00515	.00182	.52487	-.00220
27	Ag3280	.11783	H.00510	.00225	.21574	.49150	.00195
28	Mo2020	-.00002	.00943	-.00043	-.00129	.48303	-.00105
29	*Y	5714.4	5611.95	5180.33	5273.25	5616	5544.53
30	PB2203	.41457	.00580	-.00304	.04672	.49283	-.00060
31	SE1960	.00644	.01601	-.00570	.04805	.50582	-.00112

#	Element	AD856257	AD856258	AD856259	AD856260	AD856261	AD856262
1	Al3082	.72324	.70939	.52912	.73784	.52770	.58683
2	As1890	.00233	.00149	-.00037	.00176	-.00135	-.00048
3	B_2496	.02921	.02327	.01869	.02795	.02078	.02216
4	Ba4934	.24218	.17672	.35994	.15811	.13939	.22569
5	Be3130	.00042	.00028	.00036	.00042	.00044	.00038
6	Ca3179	25.758	22.356	20.694	23.609	21.591	24.114
7	Cd2265	.02241	.00711	.02022	.00502	.01162	.00520
8	Co2286	.00066	.00053	.00071	.00085	.00056	.00073
9	Cr2677	.01788	.01586	.01572	.01573	.01421	.03899
10	Cu3247	.29273	.20173	.19383	.16377	.35785	.33121
11	Fe2714	1.5610	2.9146	1.0255	3.4918	2.0752	2.5618
12	K_7664	2.4333	2.0493	1.9291	1.6897	1.7951	1.4427
13	Mg2790	2.1573	2.0174	1.7089	1.9732	1.6939	1.9504
14	Mn2576	.05523	.06091	.03565	.06440	.03706	.06862
15	Na3302	10.317	8.8052	8.2635	9.3614	9.4220	9.6150
16	Ni2316	.01376	.01550	.01427	.01957	.01215	.00983
17	2203/1	.19400	.14714	.22357	.18640	.14998	.45817
18	2203/2	.18847	.14641	.21879	.18263	.14666	.46161
19	Sb2068	.00687	.00346	.00593	.00778	.01239	.00515
20	1960/1	.00726	.00339	.00671	.00845	.00625	.00646
21	1960/2	.00570	.00769	.00650	.00854	.01075	.00771
22	Ti3372	.01589	.01577	.01167	.01883	.01087	.01543
23	Tl1908	.00091	-.00279	-.00274	-.00451	-.00061	L-.01082
24	V_2924	.00211	.00179	.00127	.00193	.00145	.00154
25	Zn2062	1.2438	1.0357	.88498	.83516	.77983	.84902
26	Sn1899	.03982	.03855	.03975	.04583	.05089	.04212
27	Ag3280	.11694	.31769	.04685	.19694	.04075	.12891
28	Mo2020	.00107	-.00061	.00043	-.00043	-.00167	.00048
29	*Y	5794.88	5768.33	5691.38	5654.92	5687.48	5651.1
30	PB2203	.19031	.14666	.22038	.18389	.14777	.46046
31	SE1960	.00622	.00626	.00657	.00851	.00925	.00730

#	Element	AD856263	AD856264	AD856265	AD856266	CCV	CCB
1	Al3082	.52716	1.3284	1.7864	1.0449	25.189	.08545
2	As1890	.00118	.00301	.01273	.00071	.49871	-.00016
3	B_2496	.02977	.06845	.11607	.03556	.49144	.00129
4	Ba4934	.42953	.24081	.65209	.36070	.49298	.00014
5	Be3130	.00042	.00048	.00041	.00051	.47892	.00081
6	Ca3179	23.347	59.231	117.27	30.680	24.277	.01114
7	Cd2265	.00404	.00382	.00285	.00559	.50522	.00025
8	Co2286	.00065	.00213	.00168	.00128	.48792	.00014
9	Cr2677	.01338	.02629	.02157	.02084	.50221	.00035
10	Cu3247	.63043	.17747	.16542	.74659	.48595	-.00158
11	Fe2714	3.3005	2.6805	1.5246	2.8299	24.674	.00958
12	K_7664	2.6732	7.8703	20.208	4.2405	25.952	-.00222
13	Mg2790	1.8989	4.5285	7.5982	2.5619	23.937	.02042
14	Mn2576	.06994	.31981	.83815	.06208	.49460	.00027
15	Na3302	10.163	12.952	9.9641	12.289	24.315	.23586
16	Ni2316	.01926	.01669	.00959	.01770	.50116	-.00086
17	2203/1	.21709	.26233	.16082	.23123	.49955	.00413
18	2203/2	.21342	.25668	.16037	.23258	.50189	-.00213

#	Element	AD856263	AD856264	AD856265	AD856266	CCV	CCB
19	Sb2068	.00472	.00841	.00689	.00896	.52538	.00215
20	1960/1	.00623	.00422	.00510	.00885	.52902	-.00710
21	1960/2	.00447	.00958	.00675	.01064	.51325	-.00278
22	Ti3372	.01431	.03569	.23175	.02334	.51952	.00050
23	Tl1908	-.00179	-.00572	-.00183	-.00602	Q.29714	H.02151
24	V_2924	.00164	.00267	.00263	.00227	.48937	.00000
25	Zn2062	1.0285	1.0480	1.7178	1.4015	.47877	.00084
26	Sn1899	.04238	.04082	.02898	.06683	.53196	.00055
27	Ag3280	.47553	.05645	.02250	.22368	.49663	.00222
28	Mo2020	.00022	.00188	.00093	.00128	.48622	-.00026
29	*Y	5635.12	5601.53	5736.53	5586.08	5551.95	5627.85
30	PB2203	.21464	.25856	.16052	.23213	.50111	-.00004
31	SE1960	.00506	.00779	.00620	.01004	.51850	-.00422

#	Element	AD8'9/PB	AD8'LPSL	AD856587	AD8'1:5)	AD8'7/PS	AD8'8/MS
1	Al3082	.07700	79.561	29.468	6.1156	47.327	51.713
2	As1890	-.00079	1.2110	.16366	.03422	.54294	.56342
3	B_2496	.00151	1.2290	.07446	.01786	.44839	.47246
4	Ba4934	.00012	2.0077	.41645	.08516	.78100	.88664
5	Be3130	.00075	1.0154	.00245	.00126	.36534	.37074
6	Ca3179	.03712	85.886	227.92	47.559	235.26	321.59
7	Cd2265	.00021	.96687	.01228	.00256	.39397	.40755
8	Co2286	-.00023	1.2196	.06741	.01457	.43713	.42955
9	Cr2677	.00043	2.0423	.95663	.20139	1.2800	.54326
10	Cu3247	-.00040	1.3986	.66760	.13399	1.0204	1.0597
11	Fe2714	-.00260	135.75	332.61	70.365	333.73	293.44
12	K_7664	.03055	47.087	4.9418	.91459	26.971	27.684
13	Mg2790	.00044	40.575	57.825	12.076	73.604	84.464
14	Mn2576	.00016	4.5009	2.9640	.62494	3.1923	3.2885
15	Na3302	.05946	7.1425	4.1520	.80125	23.312	24.012
16	Ni2316	-.00100	1.1420	2.5684	.54828	2.8013	.57241
17	2203/1	.00060	1.4834	4.7173	1.0085	4.8599	4.7865
18	2203/2	-.00060	1.4829	4.8105	1.0162	4.9273	4.8514
19	Sb2068	.00021	.50878	.12444	.02591	.51533	.40568
20	1960/1	-.00774	.90610	.00698	-.00651	.39898	.39027
21	1960/2	.00476	.88211	.01494	.00637	.39548	.38589
22	Ti3372	.00064	4.1263	1.0570	.22361	1.3857	1.3908
23	Tl1908	.01881	L1.0549	.05970	.04120	.31589	.31356
24	V_2924	.00042	1.0753	.07940	.01667	.45868	.47890
25	Zn2062	.00367	2.4688	1.5730	.34159	1.8464	1.8818
26	Sn1899	H.03569	.97782	.23133	.04814	.53843	.62204
27	Ag3280	.00212	.72753	.00248	.00207	.09989	.10282
28	Mo2020	.00053	.98205	.01394	.00336	.39053	.38072
29	*Y	5479.73	5792.03	5593.12	5554.65	5618.4	5566.65
30	PB2203	-.00020	1.4831	4.7795	1.0136	4.9049	4.8298
31	SE1960	.00059	.89010	.01229	.00207	.39664	.38734

#	Element	AD8'9/SD	AD856590	AD856591	AD856592	CCV	CCB
1	Al3082	50.140	31.486	40.646	50.270	24.861	.09160
2	As1890	.55414	.09875	.07536	.07177	.49410	.00145
3	B_2496	.46759	.08762	.10417	.07943	.48987	.00254
4	Ba4934	.78271	.47748	.80040	.64136	.49069	.00027
5	Be3130	.37219	.00265	.00394	.00363	.47942	.00084
6	Ca3179	726.01	117.40	558.49	223.56	24.141	.03267
7	Cd2265	.39138	.00767	.00342	.00084	.50244	.00021
8	Co2286	.41255	.02369	.04794	.04871	.48682	.00057
9	Cr2677	.48459	.06287	.09046	.07404	.49789	.00051
10	Cu3247	.86686	.58606	.38132	.13280	.48201	-.00086
11	Fe2714	207.76	79.731	125.89	136.35	24.533	.01936
12	K_7664	30.028	6.9719	12.195	12.504	26.206	.02057
13	Mg2790	278.28	39.084	262.47	114.58	23.802	.03084
14	Mn2576	3.4038	1.5183	2.8773	6.0645	.49433	.00061
15	Na3302	23.945	1.3178	1.2037	9.5415	24.140	.25185
16	Ni2316	.50468	.08013	.09541	.11651	.49816	-.00038
17	2203/1	3.2218	1.6098	1.0673	1.7333	.49488	.00252
18	2203/2	3.2581	1.6262	1.0677	1.7579	.49769	-.00200
19	Sb2068	.42756	.00763	.00554	.00466	.52375	.00328
20	1960/1	.38450	.00667	-.00212	-.00537	.51639	.00246
21	1960/2	.38427	.01325	-.00113	.00327	.51132	.00017
22	Ti3372	1.4012	1.3680	.97145	.57724	.51537	.00064
23	Tl1908	.33482	.05097	.02822	.01963	Q.40117	H.04046
24	V_2924	.47164	.09089	.09886	.09452	.48507	.00041
25	Zn2062	1.2725	1.2115	1.7063	.90837	.48011	.00106
26	Sn1899	.61428	.07050	.04433	.02075	.52670	.00099
27	Ag3280	.10546	.00253	.00312	.00194	.49301	.00215
28	Mo2020	.38248	.00448	.00903	.00634	.48761	.00059
29	*Y	5408.85	5744.78	5484.3	5979.45	5575.5	5592.15
30	PB2203	3.2460	1.6208	1.0676	1.7497	.49675	-.00049
31	SE1960	.38434	.01105	-.00146	.00038	.51300	.00093

#	Element	AD856593	AD856594	AD856595	AD856596	AD856597	AD856598
1	Al3082	39.137	55.760	48.925	1.3586	.78716	.71674
2	As1890	.04138	.03283	.16612	-.00027	.00147	.00352
3	B_2496	.08085	.06383	.10687	.07946	.06014	.04747
4	Ba4934	.32422	.41994	.36955	.17012	.12486	.13961
5	Be3130	.00322	.00300	.00382	.00057	.00042	.00049
6	Ca3179	657.45	310.68	73.413	89.423	40.203	30.666
7	Cd2265	-.00001	.00082	-.00025	.00237	.00513	.00357
8	Co2286	.03484	.03672	.05692	.00089	.00071	.00074
9	Cr2677	.06220	.14289	.05825	.01287	.01403	.01416
10	Cu3247	.11753	.18359	.08375	.07036	.09118	.10173
11	Fe2714	88.792	91.586	124.89	1.5682	.97542	.93600
12	K_7664	10.869	10.503	13.660	10.658	8.7404	4.7914
13	Mg2790	127.40	84.090	46.664	4.5624	2.9174	2.3346
14	Mn2576	3.0922	3.3702	1.9130	.31804	.13084	.09249
15	Na3302	6.0274	4.0296	6.1609	11.461	12.341	10.303
16	Ni2316	.08522	.08939	.11262	.01470	.02478	.01341
17	2203/1	.37222	1.0537	.13636	.11934	.20803	.16278
18	2203/2	.37781	1.0478	.13378	.11316	.20772	.16135

#	Element	AD856593	AD856594	AD856595	AD856596	AD856597	AD856598
19	Sb2068	.00306	.00434	.00352	.00553	.00445	.00548
20	1960/1	-.00803	-.00354	-.00603	.01128	.00755	.00777
21	1960/2	.00343	.00202	.00382	.01252	.01164	.01397
22	Ti3372	.52513	1.4122	.50704	.03267	.01901	.01445
23	Tl1908	.02223	.01667	.01237	-.00144	-.00242	-.00600
24	V_2924	.08788	.10402	.08212	.00215	.00188	.00168
25	Zn2062	.41044	.46334	.55646	.64621	.90527	.75164
26	Sn1899	.02591	.04539	.03364	.03538	.03633	.03927
27	Ag3280	.00266	.00246	.00213	.03748	.01137	.02323
28	Mo2020	.00682	.00382	.00362	.00162	.00099	.00140
29	*Y	5609.92	5847.98	5776.12	5682.23	5644.8	5675.25
30	PB2203	.37595	1.0498	.13464	.11521	.20782	.16183
31	SE1960	-.00038	.00016	.00054	.01210	.01027	.01190

#	Element	AD856599	AD856600	AD856601	AD856602	CCV	CCB
1	Al3082	.88131	.94132	.95812	1.3063	24.715	.09664
2	As1890	.00051	-.00276	.00100	-.00004	.48472	.00092
3	B_2496	.08503	.05825	.05428	.09365	.48005	.00089
4	Ba4934	.15420	.13943	.14517	.20813	.48411	.00014
5	Be3130	.00041	.00046	.00048	.00060	.46635	.00095
6	Ca3179	46.061	43.642	41.517	49.158	23.739	.01502
7	Cd2265	.00761	.00178	.00153	.00521	.49146	.00003
8	Co2286	.00072	.00102	.00077	.00183	.47707	-.00007
9	Cr2677	.01364	.01687	.01208	.03215	.49137	.00030
10	Cu3247	.16578	.14736	.05984	.15371	.47625	-.00123
11	Fe2714	1.6832	1.2129	1.7249	3.2402	24.153	.01578
12	K_7664	6.2463	6.4672	3.9105	6.6641	25.393	.00721
13	Mg2790	3.2962	3.6567	2.8654	3.4742	23.335	.01462
14	Mn2576	.19745	.18897	.14740	.19002	.48249	.00025
15	Na3302	11.414	11.787	10.348	11.181	23.938	.03423
16	Ni2316	.01083	.00988	.00652	.01804	.48851	-.00044
17	2203/1	.15307	.15527	.37085	.70427	.48611	.00179
18	2203/2	.15153	.15427	.36359	.70638	.48949	-.00070
19	Sb2068	.00516	.00719	.00441	.00705	.51472	.00326
20	1960/1	.00729	.00636	.00734	.01112	.50679	-.00114
21	1960/2	.00637	.00972	.01056	.01307	.49996	-.00184
22	Ti3372	.02259	.02119	.01846	.03032	.50837	.00047
23	Tl1908	-.00366	-.00469	.00021	-.00610	Q.29812	H.02690
24	V_2924	.00167	.00198	.00155	.00237	.47975	.00041
25	Zn2062	.73195	.63728	.69627	1.0741	.46816	.00138
26	Sn1899	.03381	.03825	.02908	.04776	.51879	.00084
27	Ag3280	.01713	.01528	.12734	.21872	.48829	.00202
28	Mo2020	.00117	-.00122	.00018	.00148	.47327	-.00039
29	*Y	5643	5647.8	5698.05	5545.65	5587.43	5575.12
30	PB2203	.15204	.15460	.36600	.70567	.48836	.00013
31	SE1960	.00668	.00860	.00949	.01242	.50223	-.00161

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.18502	4.54665	21.2877	42.9494	49.281	18.717
2	As1890	.09087	1.26756	5.74713	11.3301	.98524	.36796
3	B_2496	.01901	.41364	1.95043	3.89936	.99055	.37292
4	Ba4934	.00162	.71817	3.49123	7.04051	.98392	.37571
5	Be3130	.1289	1.57346	7.20085	14.181	.98310	.37426
6	Ca3179	.03107			41.7305	49.644	18.692
7	Cd2265	.00432	2.00265	9.71309	19.1344	.98458	.36953
8	Co2286	-.00387	.83817	4.12229	8.18745	.98787	.36798
9	Cr2677	.00657	.66114	3.21238	6.40458	.98791	.38364
10	Cu3247	-.00144	.4756	2.34181	4.73646	.98608	.36974
11	Fe2714	-.00081	.74828	3.64784	7.25661	49.308	18.489
12	K_7664	-.27014			151.999	49.144	18.948
13	Mg2790	.00972			20.8675	49.562	18.759
14	Mn2576	.0009	.39222	1.91232	3.81464	.98651	.37806
15	Na3302	.00539			2.3186	49.066	18.470
16	Ni2316	-.01729	.66435	3.2625	6.4807	.97886	.37327
17	2203/1	.03115	.53574	2.62557	5.1659	1.0048	.37972
18	2203/2	-.01255	2.91681	14.0131	27.9877	.98604	.37508
19	Sb2068	.00253	.19496	.93884	1.88546	.98854	.38433
20	1960/1	-.04289	.31651	1.83933	3.6741	1.0156	.38438
21	1960/2	.03984	.48942	2.27122	4.46704	1.0021	.38304
22	Ti3372	-.00368	1.15771	5.67617	11.3864	.98571	.38945
23	Tl1908	.02909	.29637	1.56368	3.16643	1.1280	.36611
24	V_2924	.00018	.0886	.43376	.86892	.98884	.37002
25	Zn2062	.00279	.0843	.40776	.79914	.99178	.38471
26	Sn1899	-.00144	.06114	.30876	.61469	.99418	.37660
27	Ag3280	-.03062	.6172	3.12459	6.34213	.98656	.37626
28	Mo2020	0	.26562	1.30432	2.59713	.98469	.37867
29	*Y	5550.53	5462.48	5615.93	5524.8	5617.65	5579.1
30	PB2203					.99227	.37663
31	SE1960					1.0066	.38348

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.02554	.19724	519.95	514.12	24.560	.04763
2	As1890	.00180	.01259	.00096	.10810	.48192	.00162
3	B_2496	.00207	.02298	.00241	.01465	.48598	.00035
4	Ba4934	.00023	.00201	.00063	.52320	.49171	.00008
5	Be3130	.00019	.00200	.00046	.49461	.49484	.00002
6	Ca3179	.01309	.50341	526.36	516.77	24.675	.05410
7	Cd2265	.00018	.00107	-.00241	.98115	.48555	.00024
8	Co2286	.00028	.00359	-.00064	.48332	.48325	-.00036
9	Cr2677	-.00018	.00362	-.00201	.50606	.50371	-.00028
10	Cu3247	.00022	.01034	-.00326	.51967	.48739	.00018
11	Fe2714	.02656	.04690	200.32	97.888	24.218	.01871
12	K_7664	.01923	.50611	.01724	.03751	25.265	.00009
13	Mg2790	.00369	.20855	524.17	510.29	24.769	.05047
14	Mn2576	.00021	.00311	-.00140	.49456	.49894	.00010
15	Na3302	.08140	1.0317	-.09673	.06303	24.423	-.05402
16	Ni2316	.00103	.00958	.00157	.94723	.48792	.00125
17	2203/1	.00011	.00616	.02937	.08297	.50412	-.00038
18	2203/2	.00151	.00513	-.01319	.03072	.49320	.00096

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00152	.02175	.00168	.64693	.50364	.00245
20	1960/1	-.00385	.01718	-.01431	.05101	.51099	-.00428
21	1960/2	-.00112	.01507	.00275	.05293	.50009	.00136
22	Ti3372	.00019	.00493	-.00016	.00164	.51359	-.00002
23	Tl1908	H.03942	H.03065	-.01214	.09124	.45730	H.03046
24	V_2924	.00050	.00504	.00178	.51195	.48482	-.00001
25	Zn2062	.00106	.00923	-.00570	.97196	.49823	-.00113
26	Sn1899	.00030	.00825	.00229	.00153	.49485	.00217
27	Ag3280	.00031	.00271	.00034	.21567	.49338	.00001
28	Mo2020	.00070	.01076	-.00061	.00028	.50008	.00159
29	*Y	5604.23	5555.62	5189.03	5261.93	5598.38	5585.48
30	PB2203	.00105	.00548	.00098	.04812	.49684	.00051
31	SE1960	-.00203	.01577	-.00293	.05229	.50372	-.00051

#	Element	AD856603	AD856604	AD856605	AD856606	AD856607	AD8'3/PB
1	Al3082	.36808	.89242	.46462	.60509	.40643	.00580
2	As1890	.00095	.00364	.00028	-.00005	.00166	.00188
3	B_2496	.01898	.02588	.02575	.03696	.01686	.00404
4	Ba4934	.09126	.23069	.17450	.20505	.13678	-.00005
5	Be3130	-.00036	-.00045	-.00056	-.00050	-.00052	-.00038
6	Ca3179	24.116	25.219	26.980	25.848	24.143	.05187
7	Cd2265	.00523	.00687	.01909	.00646	.00413	-.00018
8	Co2286	.00012	.00042	.00179	.00098	.00079	-.00039
9	Cr2677	.00617	.01526	.02221	.02386	.00931	-.00075
10	Cu3247	.30074	.10773	.39037	.22633	.67952	.00007
11	Fe2714	.66257	2.1370	9.5936	1.6356	1.4320	-.00189
12	K_7664	2.7375	4.9681	5.5334	3.3523	2.3750	.01093
13	Mg2790	1.8549	2.0275	2.1968	2.3832	1.9109	-.00024
14	Mn2576	.03667	.06085	.12904	.06181	.04465	.00002
15	Na3302	10.151	9.0767	10.866	9.9728	10.047	-.03000
16	Ni2316	.01078	.01070	.03011	.01683	.02773	.00072
17	2203/1	.23167	.44525	.27597	.22306	.14899	-.00149
18	2203/2	.22349	.43878	.26680	.22262	.14280	.00059
19	Sb2068	.00391	.00428	.00503	.00315	.00314	-.00060
20	1960/1	.01030	.01334	.00716	.00339	.00737	.00095
21	1960/2	.00520	.00740	.01096	.00871	.01185	.00123
22	Ti3372	.00736	.01821	.01384	.01828	.01084	.00004
23	Tl1908	L-.01072	L-.02205	L-.01481	L-.01438	L-.01508	-.00734
24	V_2924	.00077	.00193	.00224	.00175	.00134	-.00001
25	Zn2062	.74851	.83625	.90780	.80896	.99579	-.00019
26	Sn1899	.03136	.19398	.09433	.04478	.03884	.00075
27	Ag3280	.02903	.03695	.06692	.16273	.04077	-.00026
28	Mo2020	.00093	.00082	.00258	.00102	.00117	-.00031
29	*Y	5700.53	5703.3	5767.2	5681.92	5743.8	5676.53
30	PB2203	.22622	.44093	.26986	.22276	.14486	-.00010
31	SE1960	.00690	.00938	.00970	.00694	.01036	.00113

#	Element	AD8'2/FB	AD856482	AD856483	AD8'1:5)	CCV	CCB
1	Al3082	9.7899	.98884	.49126	.10467	24.912	.00393
2	As1890	.20225	.02617	-.00008	.00115	.49027	.00144
3	B_2496	.19519	.00734	.17076	.03472	.49232	.00028
4	Ba4934	.19802	.00263	.07309	.01508	.49960	.00002
5	Be3130	.19913	-.00027	-.00015	-.00007	.50401	-.00010
6	Ca3179	9.9985	.61881	154.88	32.196	24.908	.00670
7	Cd2265	.19831	.00006	.00019	.00007	.49108	.00002
8	Co2286	.19899	.00063	.00172	.00000	.49134	-.00004
9	Cr2677	.19936	.09923	.29233	.06030	.51185	-.00067
10	Cu3247	.19872	.02801	.00742	.00154	.49605	.00001
11	Fe2714	9.9168	2.4713	1.1938	.23812	24.543	.00953
12	K_7664	10.213	.09245	.94731	.16666	25.536	-.00176
13	Mg2790	10.033	.14303	72.432	14.971	25.177	-.00186
14	Mn2576	.19993	.02564	.23628	.04892	.50696	.00005
15	Na3302	9.9601	.74183	H656.40	152.18	24.845	.01045
16	Ni2316	.19716	.03187	.08976	.01965	.49455	.00088
17	2203/1	.20020	.00087	.00529	.00004	.51285	-.00275
18	2203/2	.20119	.00537	.00692	.00113	.49920	.00047
19	Sb2068	.20079	.02019	.00057	.00335	.50555	.00136
20	1960/1	.20037	-.00584	-.00357	-.00214	.51763	-.00594
21	1960/2	.20122	.00149	.00235	.00020	.51185	.00408
22	Ti3372	.19841	.01120	.01220	.00294	.52088	.00017
23	Tl1908	L.13506	.00211	-.00562	-.00067	Q.40952	H.02324
24	V_2924	.19725	.00304	.00419	.00101	.49205	.00049
25	Zn2062	.19824	.03587	.01548	.00190	.50567	-.00214
26	Sn1899	.20108	.00247	-.00154	.00011	.50123	.00029
27	Ag3280	.05040	.00006	-.00024	-.00048	.50258	.00033
28	Mo2020	.20040	.00301	.01175	.00357	.50574	.00139
29	*Y	5749.12	5689.12	5550.38	5558.62	5530.05	5599.8
30	PB2203	.20086	.00387	.00638	.00077	.50375	-.00059
31	SE1960	.20093	-.00095	.00037	-.00057	.51377	.00074

#	Element	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD856486	AD856487	AD856489
1	Al3082	10.981	10.748	10.902	.05984	.12113	.38833
2	As1890	.21290	.21530	.21480	.00460	.00213	.00051
3	B_2496	.37423	.37923	.37963	.34792	.15642	.07421
4	Ba4934	.28016	.27544	.27945	.08170	.08015	.03470
5	Be3130	.20515	.20490	.20408	-.00016	-.00011	-.00037
6	Ca3179	166.54	166.93	170.51	75.121	96.975	37.160
7	Cd2265	.20194	.20136	.20231	.00009	-.00003	-.00021
8	Co2286	.20358	.20355	.20448	.00037	.00049	.00007
9	Cr2677	.50046	.35237	.41034	-.00016	-.00053	.00739
10	Cu3247	.21562	.21437	.21357	.00435	.00285	.00270
11	Fe2714	11.409	10.684	11.105	.51129	.17473	.38121
12	K_7664	14.344	14.434	14.201	15.353	8.9853	2.3019
13	Mg2790	83.258	82.839	84.401	45.579	87.716	1.1227
14	Mn2576	.44441	.43023	.44122	.10571	.04426	.00954
15	Na3302	H665.14	H671.18	H674.47	27.874	94.618	18.293
16	Ni2316	.28771	.22622	.25815	.00329	.00252	.00342
17	2203/1	.20703	.20518	.20572	-.00166	-.00201	-.00006
18	2203/2	.21197	.20580	.20581	.00202	.00194	.00156

#	Element	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD856486	AD856487	AD856489
19	Sb2068	.21141	.21147	.21264	-.00034	.00113	-.00071
20	1960/1	.20668	.21131	.21340	.00061	.00119	-.00234
21	1960/2	.21613	.21136	.21246	.00145	.00550	.00139
22	Ti3372	.22048	.21289	.21405	.00111	.00240	.01331
23	Tl1908	.17123	.18244	.19405	.01595	.00809	.00109
24	V_2924	.21038	.20804	.20898	.00090	.00143	.01762
25	Zn2062	.21894	.21435	.21525	.00466	.00249	.00322
26	Sn1899	.16161	.20527	.20866	.00064	-.00041	-.00029
27	Ag3280	.05224	.05366	.05326	.00004	-.00001	.00001
28	Mo2020	.21822	.21687	.21594	.00280	.02734	.00188
29	*Y	5433.67	5481.45	5453.85	5565.38	5600.78	5646.98
30	PB2203	.21032	.20559	.20578	.00079	.00062	.00102
31	SE1960	.21298	.21134	.21277	.00117	.00407	.00015

#	Element	AD856490	AD856491	AD856492	AD856493	CCV	CCB
1	Al3082	.05174	.01758	.32689	.98205	24.960	-.00022
2	As1890	.00120	.00169	.00109	.00344	.49377	.00139
3	B_2496	.25399	.21806	.00842	.05471	.49442	.00127
4	Ba4934	.05824	.30499	.00149	.05595	.49809	.00007
5	Be3130	.00024	-.00016	-.00038	-.00049	.50377	-.00007
6	Ca3179	34.837	191.35	.61164	26.074	25.006	.01066
7	Cd2265	-.00020	.00009	.00043	.05426	.49369	.00025
8	Co2286	.00747	.00098	.00029	.00318	.49288	-.00051
9	Cr2677	-.00071	-.00085	-.00005	1.4195	.51240	-.00069
10	Cu3247	.00028	.00237	.00155	.19015	.49559	.00035
11	Fe2714	9.7367	2.6680	.06251	38.293	24.608	.00652
12	K_7664	1.5252	7.4440	.32201	3.8272	25.397	.00781
13	Mg2790	9.2004	57.285	.13292	3.1780	25.204	.00473
14	Mn2576	4.1895	3.8848	.00782	.68674	.50634	.00016
15	Na3302	21.619	304.56	.23968	41.208	24.668	.03932
16	Ni2316	.00386	.00860	.00105	.01403	.49861	.00136
17	2203/1	-.00353	-.00188	.08919	.00315	.51208	-.00067
18	2203/2	.00191	.00093	.09129	-.00036	.50398	-.00005
19	Sb2068	.00062	.00119	.00040	.00096	.50992	.00006
20	1960/1	-.00759	.00030	-.00229	.00558	.52662	-.00353
21	1960/2	-.00272	.00011	.00171	.00048	.50762	.00314
22	Ti3372	.00118	.00025	.00080	.00165	.52209	-.00023
23	Tl1908	.00378	-.00182	-.00211	-.00517	.45771	.01718
24	V_2924	.00107	-.00006	.00048	.00274	.49380	-.00031
25	Zn2062	.00269	.01757	.41202	.04904	.50772	-.00136
26	Sn1899	.00125	.00225	.00033	.00054	.50294	.00030
27	Ag3280	-.00027	-.00033	.00016	.00210	.50208	-.00027
28	Mo2020	.00222	.00106	-.00004	.01040	.50550	.00060
29	*Y	5363.48	5540.48	5707.5	5887.43	5541.75	5605.35
30	PB2203	.00010	.00000	.09059	.00080	.50668	-.00026
31	SE1960	-.00434	.00017	.00037	.00218	.51395	.00092

#	Element	AD856494	AD856495	AD856496	AD856497	AD856498	AD856499
1	Al3082	.02009	.01192	.03302	.02166	.09293	.12154
2	As1890	.00166	.00203	.03013	.01660	.01710	.00844
3	B_2496	.07510	.00474	.21246	.01911	.05904	.07328
4	Ba4934	.05888	.00001	.09526	.15448	.11287	.04366
5	Be3130	-.00020	-.00022	-.00010	-.00041	-.00019	-.00022
6	Ca3179	28.168	.07282	111.28	59.717	131.26	88.725
7	Cd2265	.05885	-.00005	-.00029	.00003	-.00014	.00035
8	Co2286	.00074	.00022	.00136	-.00027	.00180	.00212
9	Cr2677	.06213	-.00061	-.00060	-.00022	-.00130	-.00017
10	Cu3247	.00604	.00041	-.00063	.00156	.00014	.00060
11	Fe2714	.13559	.01562	15.957	.21395	7.3629	2.5541
12	K_7664	4.0593	.00912	6.0008	.94889	2.0652	3.9126
13	Mg2790	3.6124	-.00571	33.729	12.038	35.448	25.502
14	Mn2576	.43216	.00019	4.3404	.23320	10.105	1.6009
15	Na3302	42.967	-.09901	25.196	5.1963	25.650	7.5174
16	Ni2316	.01663	.00142	.00284	.00183	.00373	.00403
17	2203/1	.00039	-.00230	-.00223	-.00063	-.00359	.00159
18	2203/2	-.00155	.00172	-.00011	.00135	.00159	-.00179
19	Sb2068	-.00224	.00083	.00112	-.00031	-.00099	.00045
20	1960/1	.00007	.00011	-.00264	-.00076	-.00112	-.00437
21	1960/2	.00034	.00036	.00115	.00063	-.00101	.00228
22	Ti3372	.00010	.00035	.00032	.00042	.00223	.00158
23	Tl1908	.00287	-.00632	-.00214	-.00538	-.00274	-.00859
24	V_2924	.00008	.00039	.00045	.00018	.00064	.00044
25	Zn2062	.05066	-.00059	.00185	.00322	.00127	.00356
26	Sn1899	-.00139	.00058	.00105	.00016	.00134	.01847
27	Ag3280	-.00018	-.00008	-.00012	-.00032	-.00037	-.00019
28	Mo2020	.00103	.00114	.00230	.00158	.00092	.00078
29	*Y	5640.08	5598.23	5598.38	5649.53	5610.6	5572.95
30	PB2203	-.00090	.00038	-.00082	.00069	-.00013	-.00066
31	SE1960	.00025	.00028	-.00011	.00017	-.00104	.00006

#	Element	AD856500	AD856501	AD8'6/PB	AD8'5/FB	CCV	CCB
1	Al3082	.31989	.02865	.00123	10.016	24.582	.01070
2	As1890	.01340	.00312	.00068	.20569	.48631	.00114
3	B_2496	.02862	.05156	.00425	.20254	.48644	.00150
4	Ba4934	.03455	.07823	-.00001	.20239	.49157	.00021
5	Be3130	-.00028	-.00025	-.00037	.20144	.49766	.00014
6	Ca3179	67.509	107.59	.06146	10.104	24.650	.01468
7	Cd2265	.00022	.00001	-.00006	.20038	.48682	.00017
8	Co2286	.00130	-.00002	-.00037	.20057	.48552	-.00031
9	Cr2677	.00001	-.00007	-.00050	.20063	.50607	-.00013
10	Cu3247	.00101	.00133	.00007	.20004	.48792	.00050
11	Fe2714	2.9493	.06292	-.00733	10.004	24.277	.01020
12	K_7664	.96010	2.6963	.00986	10.410	25.055	.01338
13	Mg2790	13.189	19.691	.00125	10.125	24.904	.01403
14	Mn2576	2.0113	.06138	.00011	.20204	.49948	.00026
15	Na3302	8.9053	21.943	.08109	10.030	24.461	.05321
16	Ni2316	.00461	.00194	.00105	.19948	.49154	-.00010
17	2203/1	-.00011	.00049	-.00158	.19997	.50053	.00002
18	2203/2	.00081	.00091	-.00070	.20430	.49565	.00050

#	Element	AD856500	AD856501	AD8'6/PB	AD8'5/FB	CCV	CCB
19	Sb2068	-.00176	.00195	.00025	.20240	.50170	.00103
20	1960/1	-.00128	.00109	-.00169	.20363	.51056	-.00088
21	1960/2	.00124	-.00185	-.00093	.20352	.50827	.00105
22	Ti3372	.00676	.00045	-.00014	.20048	.51455	.00018
23	Tl1908	-.00730	-.00669	L-.01054	.17551	.49369	.01722
24	V_2924	.00082	-.00001	.00008	.19920	.48703	.00009
25	Zn2062	.00203	.05705	-.00073	.20138	.50289	-.00146
26	Sn1899	.00059	.00065	.00004	.20011	.49547	-.00029
27	Ag3280	-.00037	-.00006	-.00049	.05092	.49620	-.00010
28	Mo2020	.00160	.00216	-.00021	.20215	.50269	.00074
29	*Y	5673.83	5584.43	5669.33	5724.53	5609.33	5556.53
30	PB2203	.00050	.00077	-.00099	.20286	.49727	.00034
31	SE1960	.00040	-.00086	-.00118	.20355	.50903	.00040

#	Element	AD856523	AD856524	AD856525	AD8'1:5)	AD8'5/PS	AD8'6/MS
1	Al3082	.00395	.01081	.09027	.01735	10.403	10.530
2	As1890	.00233	.00428	.00149	.00249	.21301	.21953
3	B_2496	.00381	.55068	.51301	.10176	.71598	.74029
4	Ba4934	.00046	.01277	.01287	.00261	.22117	.22537
5	Be3130	-.00031	-.00017	-.00038	-.00023	.20957	.21181
6	Ca3179	.09184	107.31	101.39	20.553	111.70	115.63
7	Cd2265	.00008	.00011	-.00016	-.00012	.20469	.20698
8	Co2286	.00017	.00008	.00047	-.00007	.20563	.20929
9	Cr2677	-.00068	-.00088	-.00060	-.00030	.20598	.20808
10	Cu3247	.00054	.00112	.00106	.00025	.20761	.21050
11	Fe2714	.01674	.11331	.05904	.01560	10.409	10.511
12	K_7664	.01421	1.5428	1.6997	.31413	13.106	13.366
13	Mg2790	.02532	35.036	33.903	6.8441	44.430	45.880
14	Mn2576	.00009	.00951	.04642	.00947	.25669	.26101
15	Na3302	.11065	151.08	125.05	25.073	134.93	138.23
16	Ni2316	.00102	.00189	.00254	.00097	.20504	.20568
17	2203/1	-.00276	-.00206	-.00179	-.00280	.20502	.20907
18	2203/2	.00061	.00027	.00117	.00039	.20390	.20886
19	Sb2068	-.00022	.00091	-.00028	-.00204	.21216	.21364
20	1960/1	-.00003	.00015	-.00120	-.00420	.21683	.20847
21	1960/2	.00282	.00459	.00505	.00296	.21127	.21503
22	Ti3372	.00016	.00001	.00257	.00069	.21074	.21203
23	Tl1908	-.00409	-.00248	-.00772	-.00760	.19006	.20324
24	V_2924	.00059	.00038	.00057	.00052	.20821	.20871
25	Zn2062	-.00017	.00043	.00865	-.00009	.21442	.21684
26	Sn1899	.00074	.00029	.00151	-.00017	.16551	.21016
27	Ag3280	.00007	-.00031	-.00021	.00000	.05225	.05333
28	Mo2020	.00000	.21129	.20866	.04264	.41613	.42777
29	*Y	5647.2	5637.83	5698.05	5670.9	5539.73	5526.67
30	PB2203	-.00051	-.00050	.00018	-.00066	.20427	.20893
31	SE1960	.00186	.00311	.00296	.00057	.21312	.21284

#	Element	AD8'7/SD	AD856528	AD856529	AD856530	CCV	CCB
1	Al3082	10.055	.01234	.01211	.01856	24.601	-.00414
2	As1890	.21208	.00428	.00484	.00470	.48494	.00256
3	B_2496	.71810	.48549	.52196	.56064	.48521	.00147
4	Ba4934	.21648	.01839	.01176	.01495	.49048	.00025
5	Be3130	.20625	-.00007	-.00011	-.00027	.49586	-.00002
6	Ca3179	112.43	80.138	162.31	121.92	24.699	.02396
7	Cd2265	.19940	-.00002	.00000	-.00006	.48560	.00033
8	Co2286	.20235	.00074	.00057	.00030	.48525	.00015
9	Cr2677	.20196	-.00072	-.00059	.00025	.50689	-.00022
10	Cu3247	.20682	.00162	.00345	.00157	.48678	.00078
11	Fe2714	10.188	.00325	-.00053	.00352	24.282	.01383
12	K_7664	12.961	1.5768	1.8696	1.9649	24.815	.01515
13	Mg2790	44.751	28.533	51.036	38.909	24.827	.01236
14	Mn2576	.25457	.05001	.11199	.01029	.49856	.00019
15	Na3302	136.62	167.42	196.81	178.43	24.370	.13216
16	Ni2316	.19970	.00306	.00305	.00183	.49113	.00059
17	2203/1	.20378	-.00207	-.00065	-.00306	.50212	-.00005
18	2203/2	.20084	.00164	.00040	.00119	.49411	.00012
19	Sb2068	.20554	.00176	.00092	.00237	.49923	.00254
20	1960/1	.21154	-.00213	-.00410	-.00641	.50568	-.00537
21	1960/2	.20637	.00080	-.00010	-.00032	.50191	.00585
22	Ti3372	.20601	.00037	.00015	.00015	.51442	.00009
23	Tl1908	.20225	.00465	-.00288	-.00307	.50714	.01661
24	V_2924	.20256	.00067	.00028	.00089	.48731	.00019
25	Zn2062	.21023	.00113	.00595	.00132	.50046	-.00146
26	Sn1899	.20145	-.00166	.00041	.00077	.49292	.00159
27	Ag3280	.05146	-.00029	-.00047	-.00006	.49446	-.00068
28	Mo2020	.41756	.29479	.21217	.21323	.49816	.00043
29	*Y	5570.03	5556.23	5554.95	5627.33	5615.48	5582.33
30	PB2203	.20182	.00040	.00005	-.00022	.49678	.00006
31	SE1960	.20809	-.00017	-.00143	-.00235	.50316	.00210

#	Element	AD856531	AD856532	AD856533	AD856534	AD856535	AD856536
1	Al3082	-.00801	.00936	.00874	.00143	.00290	-.00018
2	As1890	.00181	.00132	.00182	.00270	-.00048	.02949
3	B_2496	.31746	.61700	.17792	.15037	.00396	.20907
4	Ba4934	.19541	.01163	.03149	.03731	.00000	.09275
5	Be3130	.00065	-.00007	-.00030	-.00025	-.00042	-.00041
6	Ca3179	592.85	159.77	90.248	157.80	.10708	108.11
7	Cd2265	.00000	-.00020	-.00021	-.00006	.00000	-.00031
8	Co2286	.00951	.00057	.00014	.00076	-.00029	.00133
9	Cr2677	-.00039	.00006	.00000	.00018	-.00047	-.00104
10	Cu3247	.00453	.00439	.00058	.00054	.00004	-.00040
11	Fe2714	1.5616	.00601	-.00319	-.00073	.00706	15.249
12	K_7664	32.308	5.3873	2.5250	3.4271	.01324	5.8820
13	Mg2790	315.45	128.78	51.280	92.051	.02876	32.760
14	Mn2576	1.6681	.09774	.00108	.06953	.00000	4.2486
15	Na3302	H2258.9	321.21	44.746	35.097	.00127	24.519
16	Ni2316	.01151	.00680	.00225	.00594	.00156	.00294
17	2203/1	-.00440	-.00265	-.00421	-.00184	-.00291	-.00302
18	2203/2	-.00025	-.00097	.00163	.00119	-.00042	-.00119

#	Element	AD856531	AD856532	AD856533	AD856534	AD856535	AD856536
19	Sb2068	.00000	-.00118	.00031	.00028	.00095	-.00100
20	1960/1	-.00040	-.00364	-.00264	-.00165	-.00238	-.00652
21	1960/2	-.00093	.00175	.00147	.00659	-.00185	.00026
22	Ti3372	-.00021	-.00001	.00004	-.00021	-.00010	-.00003
23	Tl1908	-.00093	-.00587	-.00902	-.00791	L-.01178	L-.01015
24	V_2924	.00055	.00097	.00061	.00040	.00008	.00014
25	Zn2062	.02213	.00123	.00052	.00059	-.00013	.00152
26	Sn1899	-.00542	.00076	.00077	-.00036	.00119	.00065
27	Ag3280	-.00056	-.00019	.00002	-.00027	-.00032	-.00079
28	Mo2020	.00901	.04670	.03065	.01929	.00052	.00145
29	*Y	5032.73	5511.45	5728.8	5641.35	5759.55	5712.98
30	PB2203	-.00164	-.00152	-.00031	.00018	-.00125	-.00180
31	SE1960	-.00076	-.00004	.00010	.00384	-.00203	-.00199

#	Element	AD856537	AD856539	AD856540	AD856541	CCV	CCB
1	Al3082	.00919	-.01683	.02390	.01385	24.890	.01224
2	As1890	.01576	.00754	.01331	.00557	.49510	.00235
3	B_2496	.02000	.07400	.02866	.05643	.49746	.00077
4	Ba4934	.15217	.04325	.03406	.07991	.50349	.00023
5	Be3130	-.00042	-.00035	-.00004	.00007	.50779	.00008
6	Ca3179	59.270	87.969	68.461	111.54	25.142	.01838
7	Cd2265	-.00025	-.00015	-.00016	-.00015	.49858	.00015
8	Co2286	.00000	.00202	.00118	.00023	.49527	.00018
9	Cr2677	-.00032	-.00085	-.00019	-.00072	.51526	-.00002
10	Cu3247	.00040	.00001	-.00074	-.00012	.48657	-.00006
11	Fe2714	.13902	2.2135	2.6334	.01988	24.920	.00962
12	K_7664	.92200	3.9859	.85207	2.6337	24.170	.02976
13	Mg2790	12.029	25.702	13.410	20.672	25.519	.01294
14	Mn2576	.20223	1.6229	2.0806	.15125	.51160	.00024
15	Na3302	5.0582	7.4560	8.9218	22.386	24.255	-.08556
16	Ni2316	.00211	.00395	.00450	.00288	.50391	.00125
17	2203/1	-.00278	-.00312	-.00065	-.00422	.52096	.00030
18	2203/2	.00008	-.00186	.00081	.00053	.50773	-.00033
19	Sb2068	.00050	.00109	.00011	-.00027	.51550	-.00033
20	1960/1	-.00642	-.00119	.00194	-.00928	.52148	-.00558
21	1960/2	-.00071	.00069	.00098	.00733	.51612	.00032
22	Ti3372	-.00006	-.00007	-.00033	-.00054	.51897	-.00041
23	Tl1908	L-.01135	-.00958	L-.01297	L-.01198	.52762	.00589
24	V_2924	-.00022	-.00026	-.00006	-.00011	.49483	.00000
25	Zn2062	-.00117	.00214	.00018	.02083	.51273	-.00133
26	Sn1899	.00243	.00072	.00038	-.00052	.51538	-.00001
27	Ag3280	-.00082	-.00148	-.00115	-.00109	.49660	-.00068
28	Mo2020	-.00081	.00071	.00221	.00163	.50693	.00206
29	*Y	5684.62	5658.83	5479.73	5528.03	5535.98	5526.75
30	PB2203	-.00087	-.00228	.00032	-.00104	.51213	-.00011
31	SE1960	-.00261	.00006	.00130	.00179	.51790	-.00164

#	Element	AD854542	AD856543	AD856544	AD8'8/PB	AD8'7/FB	AD8'3/PB
1	Al3082	.02629	.01742	.02739	.01408	10.288	.01109
2	As1890	.00245	.00155	.00177	.00116	.21043	-.00001
3	B_2496	.06067	.04173	.04659	.00386	.20823	.00513
4	Ba4934	.08513	.06459	.05438	.00017	.21185	.00017
5	Be3130	-.00007	-.00001	-.00008	-.00014	.20843	-.00011
6	Ca3179	106.77	64.942	61.258	.07472	10.369	.05589
7	Cd2265	-.00023	.00000	-.00013	-.00013	.20641	.00017
8	Co2286	.00024	-.00005	.00006	-.00018	.20619	.00009
9	Cr2677	-.00077	-.00081	-.00076	-.00096	.20728	-.00056
10	Cu3247	-.00002	.00017	-.00006	-.00079	.20324	-.00071
11	Fe2714	.00782	.19306	-.00212	.00227	10.336	.00287
12	K_7664	4.0336	2.8514	3.2003	.03732	10.268	.02556
13	Mg2790	34.710	30.092	26.807	.00594	10.490	-.00104
14	Mn2576	.24436	3.0912	.00874	.00002	.20945	-.00003
15	Na3302	5.3619	88.062	74.568	-.05860	10.165	-.17338
16	Ni2316	.00323	.00189	.00338	.00088	.20668	.00129
17	2203/1	-.00453	-.00099	-.00171	-.00307	.21418	-.00285
18	2203/2	.00151	-.00104	.00208	.00167	.20981	.00222
19	Sb2068	-.00052	-.00110	.00122	.00181	.21190	-.00242
20	1960/1	-.00594	-.00165	-.00670	-.00537	.21056	-.00447
21	1960/2	.00409	.00139	-.00064	.00102	.21260	.00120
22	Ti3372	-.00016	-.00045	-.00032	-.00046	.20388	-.00037
23	Tl1908	-.00303	-.00590	L-.01111	L-.01194	.20270	-.00268
24	V_2924	.00039	.00010	-.00040	-.00031	.20413	-.00011
25	Zn2062	.00293	.00226	.00632	.00071	.20735	-.00026
26	Sn1899	.00200	.00173	-.00021	-.00083	.21080	.00030
27	Ag3280	-.00076	-.00102	-.00076	-.00095	.05057	-.00118
28	Mo2020	.00324	.01278	.01631	.00032	.20528	.00172
29	*Y	5612.48	5509.73	5566.35	5619.67	5589	5608.65
30	PB2203	-.00050	-.00102	.00081	.00009	.21127	.00053
31	SE1960	.00074	.00037	-.00266	-.00110	.21192	-.00068

#	Element	AD8'2/FB	AD855765	AD855766	AD855767	CCV	CCB
1	Al3082	10.136	.01330	.05551	.00850	24.790	.00898
2	As1890	.21023	.00055	.00503	.00350	.48577	.00113
3	B_2496	.20725	.17522	.66504	.64279	.49129	.00079
4	Ba4934	.20789	.18702	.07815	.07579	.50192	.00022
5	Be3130	.20603	-.00012	.00014	-.00010	.50242	.00021
6	Ca3179	10.253	134.98	72.536	70.495	24.801	.01151
7	Cd2265	.20486	-.00003	.00007	-.00008	.48845	-.00001
8	Co2286	.20448	-.00021	-.00038	.00010	.48742	-.00030
9	Cr2677	.20450	-.00027	-.00079	-.00016	.51097	-.00077
10	Cu3247	.19907	.00008	-.00059	-.00029	.48629	-.00076
11	Fe2714	10.273	-.00042	-.00390	.00174	24.604	.00597
12	K_7664	10.105	7.1501	11.994	11.713	24.176	.02465
13	Mg2790	10.392	50.880	197.11	190.41	25.150	.00696
14	Mn2576	.20697	.00401	.04091	.04055	.50600	-.00003
15	Na3302	10.060	7.8305	76.905	75.595	24.336	-.42710
16	Ni2316	.20389	.00283	.00271	.00191	.49655	.00084
17	2203/1	.20978	-.00297	-.00128	-.00078	.51112	-.00496
18	2203/2	.20673	.00186	-.00007	-.00071	.50213	.00188

#	Element	AD8'2/FB	AD855765	AD855766	AD855767	CCV	CCB
19	Sb2068	.20592	-.00019	.00018	.00384	.50737	-.00091
20	1960/1	.20698	-.00591	-.00614	-.00095	.51202	-.00256
21	1960/2	.20626	-.00093	.00253	.00562	.50751	.00521
22	Ti3372	.20089	-.00008	-.00050	-.00029	.51410	-.00060
23	Tl1908	.20276	-.00370	-.00800	-.00969	.53576	.00147
24	V_2924	.20073	.00030	-.00021	-.00021	.48964	.00000
25	Zn2062	.20524	.00614	.00759	.00113	.50140	-.00097
26	Sn1899	.21161	-.00105	.00208	.00077	.50423	.00084
27	Ag3280	.05013	-.00082	-.00140	-.00118	.49551	-.00101
28	Mo2020	.20398	.00052	.00239	.00298	.50138	.00006
29	*Y	5675.17	5540.78	5428.95	5517.83	5533.88	5467.12
30	PB2203	.20775	.00025	-.00047	-.00073	.50513	-.00039
31	SE1960	.20650	-.00259	-.00035	.00343	.50901	.00261

#	Element	AD855768	AD855769	AD855770	AD855771	AD855772	AD855773
1	Al3082	.07044	.18388	.25803	.03458	.00625	-.00418
2	As1890	.00216	.00236	.00343	.00471	.00140	.00454
3	B_2496	.76033	.02412	.35472	.27182	.02000	.00954
4	Ba4934	.20769	.00026	.18370	.07878	.05971	.14855
5	Be3130	.00010	-.00025	.00014	.00019	-.00031	-.00043
6	Ca3179	184.03	.30131	126.96	35.375	74.183	49.763
7	Cd2265	.00001	-.00008	.00004	.00005	-.00036	-.00009
8	Co2286	-.00015	.00000	.00075	.00035	.00037	-.00019
9	Cr2677	.00013	-.00071	-.00050	-.00007	-.00069	-.00034
10	Cu3247	-.00045	-.00065	-.00095	.00239	.00048	-.00037
11	Fe2714	.20798	.01799	.03239	.01075	.02060	1.4169
12	K_7664	14.074	.04132	9.1876	26.895	1.0204	.90568
13	Mg2790	50.475	.01166	45.817	19.223	52.060	32.025
14	Mn2576	1.4185	.00035	.29306	.12921	.02278	.25174
15	Na3302	96.714	-.05380	14.851	300.30	6.5553	2.7948
16	Ni2316	.00171	.00156	.00705	.00462	.00463	.00131
17	2203/1	.00108	-.00447	.00259	.00316	-.00490	.00012
18	2203/2	-.00037	.00259	.00289	.00279	.00200	-.00120
19	Sb2068	.00096	-.00124	-.00041	.00106	-.00183	-.00139
20	1960/1	-.00386	-.00855	-.00782	-.00192	-.00334	-.00149
21	1960/2	-.00093	.00323	.00189	.00404	-.00249	-.00090
22	Ti3372	-.00045	-.00032	-.00020	-.00041	-.00017	-.00046
23	Tl1908	-.00508	-.00905	L-.01340	L-.01020	L-.01466	L-.01373
24	V_2924	-.00042	-.00031	-.00021	.00010	.00088	-.00064
25	Zn2062	.00432	.00027	.00412	.00168	.00313	.00011
26	Sn1899	.00068	-.00126	.00166	.00109	.00060	.00006
27	Ag3280	-.00115	-.00105	-.00130	-.00097	-.00057	-.00130
28	Mo2020	.00155	.00107	.00052	.00438	.00304	.00329
29	*Y	5484.08	5626.8	5461.35	5291.48	5715.98	5730.6
30	PB2203	.00010	.00024	.00279	.00292	-.00029	-.00076
31	SE1960	-.00191	-.00069	-.00134	.00205	-.00278	-.00110

#	Element	AD855774	AD8'1:5)	AD8'4/PS	AD8'5/MS	CCV	CCB
1	Al3082	.00630	.09813	10.036	10.444	25.323	-.00648
2	As1890	.00115	-.00121	.20414	.21615	.49298	.00113
3	B_2496	.01263	.00768	.20928	.21773	.49822	.00120
4	Ba4934	.05921	.01370	.26139	.27219	.50803	.00016
5	Be3130	-.00022	-.00021	.20501	.21174	.51212	-.00026
6	Ca3179	15.929	3.4654	25.438	26.686	25.403	.00912
7	Cd2265	-.00010	.00001	.20051	.20834	.49667	.00012
8	Co2286	.00406	.00034	.20389	.21364	.49734	.00012
9	Cr2677	-.00059	-.00015	.20184	.21145	.52368	-.00027
10	Cu3247	-.00081	-.00028	.19883	.20639	.49673	.00012
11	Fe2714	.91743	.17973	11.014	11.474	25.117	.01253
12	K_7664	1.7943	.38614	11.884	12.316	24.617	.03043
13	Mg2790	6.7057	1.3469	16.768	17.477	25.681	.00542
14	Mn2576	.06557	.01302	.26843	.27928	.51451	.00009
15	Na3302	8.9816	1.8043	18.896	19.558	24.784	-.08526
16	Ni2316	.00963	.00281	.20972	.21869	.50759	.00105
17	2203/1	-.00324	-.00182	.20512	.21247	.51964	-.00114
18	2203/2	-.00015	-.00021	.20255	.21065	.50986	-.00090
19	Sb2068	-.00174	-.00295	.20271	.21007	.51675	.00246
20	1960/1	-.00579	-.00006	.20916	.21746	.52323	-.00698
21	1960/2	-.00189	-.00007	.21067	.21038	.51570	.00267
22	Ti3372	-.00037	-.00051	.20093	.20757	.52639	-.00025
23	Tl1908	L-.01340	-.00983	.19418	.21307	Q.55686	.00061
24	V_2924	-.00023	-.00011	.20122	.20752	.50081	.00079
25	Zn2062	.00617	-.00038	.21113	.21817	.51088	-.00138
26	Sn1899	.00058	-.00011	.16031	.21441	.51199	.00045
27	Ag3280	-.00098	-.00110	.04968	.05112	.50602	-.00050
28	Mo2020	-.00080	-.00010	.20239	.21039	.51011	.00131
29	*Y	5656.95	5638.95	5658.08	5637.83	5481.3	5638.5
30	PB2203	-.00118	-.00075	.20341	.21126	.51312	-.00098
31	SE1960	-.00319	-.00007	.21017	.21274	.51821	-.00054

#	Element	AD8'6/SD	AD855777	AD855778	AD855779	AD855780	AD855781
1	Al3082	9.9790	.01779	.02946	.00497	.00995	.03197
2	As1890	.20623	.00166	.00272	.00170	.00054	.00172
3	B_2496	.21023	.29673	.07270	.06844	.03394	.04681
4	Ba4934	.26198	.07748	.01516	.04239	.01187	.03331
5	Be3130	.20236	-.00018	-.00017	-.00047	-.00027	-.00042
6	Ca3179	25.734	98.569	45.836	39.304	19.140	20.379
7	Cd2265	.19815	.00013	.00002	-.00001	-.00025	-.00017
8	Co2286	.20379	.00095	-.00018	.00063	-.00007	.00016
9	Cr2677	.20150	.00006	-.00023	-.00039	-.00021	-.00090
10	Cu3247	.19742	.00265	-.00004	.00136	-.00031	-.00037
11	Fe2714	10.974	.01402	.00805	.00621	.04075	.00190
12	K_7664	11.853	18.529	3.5530	15.308	2.3516	1.7788
13	Mg2790	16.841	37.571	17.595	16.969	9.3180	10.969
14	Mn2576	.26837	.00465	.00044	.91784	.00340	.00252
15	Na3302	18.837	78.555	17.468	21.101	15.103	16.017
16	Ni2316	.20822	.00508	.00135	.00350	.00135	.00193
17	2203/1	.20477	-.00375	-.00028	-.00091	-.00248	-.00261
18	2203/2	.20142	.00078	.00000	.00146	-.00104	.00015

#	Element	AD8'6/SD	AD855777	AD855778	AD855779	AD855780	AD855781
19	Sb2068	.20411	-.00049	-.00063	.00017	.00032	-.00078
20	1960/1	.20263	-.00316	-.00286	.00140	-.00537	-.00208
21	1960/2	.20435	.00274	.00124	-.00134	-.00142	.00186
22	Ti3372	.19781	.00003	-.00006	-.00026	-.00041	-.00013
23	Tl1908	.20288	-.00653	-.00570	L-.01311	L-.01165	L-.01028
24	V_2924	.19849	.00060	.00049	.00058	.00018	-.00001
25	Zn2062	.20769	.00286	-.00006	-.00052	-.00009	.00046
26	Sn1899	.20570	.00005	.00011	.00025	.00057	.00027
27	Ag3280	.04885	-.00061	-.00060	-.00085	-.00092	-.00100
28	Mo2020	.20307	.00053	.00166	-.00081	-.00022	-.00012
29	*Y	5732.85	5578.2	5637.53	5691.08	5689.2	5665.42
30	PB2203	.20254	-.00072	-.00009	.00067	-.00152	-.00076
31	SE1960	.20377	.00077	-.00012	-.00042	-.00273	.00054

#	Element	CCV	CCB	STD BLK	STD 1	STD 2	STD 3
1	Al3082	24.428	-.00757	.15947	4.37456	21.2941	42.0288
2	As1890	.47519	.00213	.10801	1.21241	5.727	11.1163
3	B_2496	.48106	.00007	.01822	.40136	1.94992	3.83041
4	Ba4934	.48943	.00013	.00133	.6971	3.51013	6.92018
5	Be3130	.49351	-.00009	.12347	1.53691	7.26628	14.0731
6	Ca3179	24.535	.01677	.03253			41.0575
7	Cd2265	.47903	.00017	.00391	1.92081	9.55922	18.626
8	Co2286	.48046	.00007	-.00586	.80973	4.09295	8.03624
9	Cr2677	.50461	-.00010	.00391	.6479	3.22434	6.32118
10	Cu3247	.48107	.00026	0	.46432	2.34268	4.63227
11	Fe2714	24.200	.01018	-.00079	.72158	3.63042	7.12096
12	K_7664	24.005	.03753	-.22233			146.058
13	Mg2790	24.766	.01258	.00862			20.6717
14	Mn2576	.49616	.00021	.00079	.38221	1.92136	3.77003
15	Na3302	23.957	.05054	.01066			2.26953
16	Ni2316	.49071	.00078	-.01431	.64318	3.2597	6.37977
17	2203/1	.49894	.00293	.02631	.53624	2.62613	5.08761
18	2203/2	.49626	-.00104	.00383	2.88054	14.1625	27.7699
19	Sb2068	.49978	.00221	.00382	.18684	.93645	1.84195
20	1960/1	.49850	-.00381	-.05103	.32184	1.81038	3.61164
21	1960/2	.50138	.00057	.03111	.46514	2.24252	4.41258
22	Ti3372	.50841	-.00047	-.00702	1.11966	5.65743	11.1252
23	Tl1908	.53335	.00381	.00098	.28953	1.70026	3.39687
24	V_2924	.48453	-.00031	0	.08619	.43364	.85375
25	Zn2062	.49734	-.00124	.00213	.08229	.40927	.79274
26	Sn1899	.49177	.00029	-.00133	.05897	.30307	.59694
27	Ag3280	.49086	-.00116	-.0352	.59211	3.13716	6.22252
28	Mo2020	.49374	.00091	.00257	.26009	1.30412	2.55376
29	*Y	5641.8	5582.33	5624.7	5638.28	5602.5	5646.3
30	PB2203	.49715	.00028				
31	SE1960	.50041	-.00088				

#	Element	STD' VER	ICV	ICB	CRI	ICSA	ICSAB
1	Al3082	50.341	19.199	.04737	.21582	526.99	546.97
2	As1890	1.0079	.37579	.00216	.00976	.00139	.11488
3	B_2496	1.0100	.37859	.00166	.02268	.00301	.01613
4	Ba4934	1.0085	.38523	.00030	.00218	.00082	.55418
5	Be3130	1.0036	.38358	.00031	.00215	.00065	.52243
6	Ca3179	50.420	19.189	.01192	.50748	538.13	550.50
7	Cd2265	.99851	.37933	.00011	.00097	-.00207	1.0319
8	Co2286	1.0029	.37708	.00039	.00437	.00006	.51147
9	Cr2677	1.0014	.39312	-.00003	.00455	-.00081	.53457
10	Cu3247	1.0045	.37624	-.00039	.00957	-.00323	.54879
11	Fe2714	50.212	19.020	.01456	.05127	204.25	103.80
12	K_7664	50.130	19.212	.02889	.50886	.05476	.03421
13	Mg2790	50.487	19.243	.01119	.20849	531.40	536.96
14	Mn2576	1.0050	.38765	.00020	.00307	-.00085	.52118
15	Na3302	50.160	18.642	-.26981	.80294	-.02188	-.18712
16	Ni2316	.99961	.38466	.00053	.01029	.00153	1.0063
17	2203/1	1.0074	.38803	-.00090	.00260	.03288	.07583
18	2203/2	.99066	.38275	-.00122	.00632	-.02202	.03530
19	Sb2068	1.0141	.39295	.00075	.01841	.00126	.67842
20	1960/1	1.0097	.38554	-.00132	.01619	-.01083	.04288
21	1960/2	1.0199	.39578	.00142	.01978	.00171	.06006
22	Ti3372	1.0029	Q.39763	.00022	.00483	.00024	.00188
23	Tl1908	1.0833	Q.39862	.01257	.01701	-.01096	.08809
24	V_2924	1.0062	.37899	.00061	.00530	.00135	.54272
25	Zn2062	1.0005	.39244	.00261	.01071	-.00527	1.0208
26	Sn1899	1.0119	.38979	-.00042	.00828	.00362	.00219
27	Ag3280	1.0063	.38355	.00000	.00298	.00054	.22926
28	Mo2020	1.0073	.38499	-.00035	.00857	-.00114	-.00107
29	*Y	5615.48	5605.05	5669.1	5590.5	5266.28	5101.88
30	PB2203	.99625	.38451	-.00112	.00508	-.00374	.04880
31	SE1960	1.0165	.39236	.00050	.01859	-.00246	.05433

#	Element	CCV	CCB	AD8'6/PB	AD8'5/FB	AD8'4/PB	AD8'3/FB
1	Al3082	25.219	.07003	.17863	10.304	.00391	10.085
2	As1890	.49659	.00091	-.00055	.21406	.00062	.21417
3	B_2496	.49265	.00041	.00204	.20613	.00112	.20369
4	Ba4934	.49963	.00025	.00011	.20509	.00010	.20158
5	Be3130	.50655	.00035	-.00022	.20584	-.00030	.20282
6	Ca3179	25.473	.06798	.04501	10.339	.01435	10.188
7	Cd2265	.50129	.00021	-.00019	.20536	.00000	.20357
8	Co2286	.49855	.00018	.00035	.20584	.00124	.20293
9	Cr2677	.51745	.00081	-.00008	.20529	-.00025	.20172
10	Cu3247	.49652	.00011	-.00018	.20185	-.00039	.19802
11	Fe2714	24.990	.02511	.00888	10.290	.01115	10.133
12	K_7664	25.564	.01529	-.02114	10.678	-.00931	10.492
13	Mg2790	25.422	.06818	.02199	10.359	.00679	10.250
14	Mn2576	.50904	.00032	.00001	.20483	-.00008	.20210
15	Na3302	24.906	-.16973	-.25125	10.206	-.18261	9.9849
16	Ni2316	.50524	.00101	.00099	.20577	.00209	.20421
17	2203/1	.50901	.00195	-.00401	.20539	-.00562	.20387
18	2203/2	.50399	-.00085	.00026	.20537	.00032	.20375

#	Element	CCV	CCB	AD8'6/PB	AD8'5/FB	AD8'4/PB	AD8'3/FB
19	Sb2068	.51512	-.00018	-.00327	.20987	-.00185	.20404
20	1960/1	.50819	-.00025	.00477	.22302	.00006	.22509
21	1960/2	.51929	.00018	-.00340	.21911	-.00184	.21461
22	Ti3372	.52585	.00010	.00002	.20269	-.00015	.19924
23	Tl1908	.50883	.01343	-.00190	.18218	-.00082	.17785
24	V_2924	.49858	.00020	.00078	.20259	.00028	.19886
25	Zn2062	.51250	-.00044	.00081	.20697	.00335	.20400
26	Sn1899	.51265	.00000	.00108	.21073	.00110	.20640
27	Ag3280	.50506	-.00012	.00029	.05216	.00029	.05053
28	Mo2020	.50896	.00075	-.00024	.20364	-.00161	.19858
29	*Y	5616.3	5628.23	5909.03	5812.88	6009.3	5968.65
30	PB2203	.50566	.00008	-.00115	.20538	-.00165	.20379
31	SE1960	.51558	.00003	-.00067	.22041	-.00120	.21810

#	Element	AD856167	AD856168	AD856169	AD856170	AD856171	AD856172
1	Al3082	.00924	.01018	.02552	.01934	.02807	.02966
2	As1890	.00017	.00273	.00403	.01204	.00047	.00196
3	B_2496	.00158	.30767	.12230	3.2682	4.1506	1.9162
4	Ba4934	.00027	1.4289	.33206	1.0292	1.0904	1.2106
5	Be3130	-.00016	-.00016	-.00032	-.00010	.00003	-.00011
6	Ca3179	.14282	125.48	22.371	221.31	259.09	242.81
7	Cd2265	-.00009	-.00034	-.00008	-.00027	-.00013	-.00020
8	Co2286	.00044	.00176	.00130	.00610	.00424	.00167
9	Cr2677	.00004	.00091	.00000	.00078	.00196	.00093
10	Cu3247	-.00012	-.00039	-.00036	-.00072	-.00059	-.00098
11	Fe2714	.01186	7.1608	.01072	6.8257	.57527	9.6245
12	K_7664	-.00953	5.4627	1.9185	41.434	87.046	41.826
13	Mg2790	.00726	42.799	5.1310	122.46	185.09	105.32
14	Mn2576	.00023	.52092	.13468	1.0230	.52433	1.2522
15	Na3302	-.28163	46.379	15.469	121.43	199.69	85.710
16	Ni2316	.00141	.00341	.00289	.01738	.01375	.00397
17	2203/1	-.00450	-.00582	-.00852	-.00266	-.00531	-.00607
18	2203/2	.00068	.00185	.00208	-.00094	.00123	.00017
19	Sb2068	.00091	-.00025	-.00265	-.00154	.00177	-.00254
20	1960/1	.00128	.00786	.00111	.00462	.00274	-.00402
21	1960/2	.00156	.00212	.00258	-.00044	.00113	.00306
22	Ti3372	.00013	.00015	-.00006	-.00003	.00012	.00012
23	Tl1908	.00622	.00098	-.00401	-.00153	-.00129	-.00393
24	V_2924	.00019	.00113	.00077	.00026	.00101	.00068
25	Zn2062	.00388	.00117	.00119	.00174	.00254	.00112
26	Sn1899	-.00031	-.00055	.00132	.00147	.00161	.00146
27	Ag3280	.00019	.00078	.00045	.00016	.00080	.00051
28	Mo2020	-.00027	.00058	.00020	.01782	.00080	-.00099
29	*Y	5905.2	5856.75	5976.83	5795.1	5635.35	5817.75
30	PB2203	-.00104	-.00070	-.00145	-.00151	-.00094	-.00190
31	SE1960	.00147	.00403	.00209	.00124	.00166	.00070

#	Element	CCV	CCB	AD856173	AD856174	AD856175	AD856176
1	Al3082	25.669	.00655	.11437	.01867	.22552	.07454
2	As1890	.50493	-.00054	-.00045	.01050	.01028	.00050
3	B_2496	.50723	.00388	.21459	4.6770	4.8897	.01181
4	Ba4934	.50934	.00017	.07564	3.2125	3.3550	.00131
5	Be3130	.51440	.00006	-.00022	-.00014	.00000	-.00033
6	Ca3179	25.773	.01792	147.70	200.70	203.22	.11718
7	Cd2265	.51006	.00016	.00030	-.00010	-.00001	-.00007
8	Co2286	.50588	.00006	.00140	.00246	.00275	.00029
9	Cr2677	.52496	-.00006	.00230	.00150	.00163	-.00006
10	Cu3247	.50487	-.00009	.00836	-.00040	.00000	.00056
11	Fe2714	25.369	.00044	.06465	10.105	8.6560	.01066
12	K_7664	25.837	.01300	8.3746	44.361	46.705	-.00182
13	Mg2790	25.717	.01194	25.113	132.19	136.28	.05273
14	Mn2576	.51672	.00015	.00848	.49938	.48227	.00027
15	Na3302	25.212	-.24338	23.711	232.38	235.64	-.13371
16	Ni2316	.51414	.00022	.01818	.00615	.00612	.00121
17	2203/1	.51823	-.00031	-.00445	-.00185	-.00451	-.00170
18	2203/2	.51354	-.00165	.00042	-.00266	-.00176	-.00162
19	Sb2068	.52422	-.00025	-.00091	-.00156	-.00076	-.00309
20	1960/1	.51698	.00211	.03777	.00508	.00456	.00336
21	1960/2	.53098	.00310	.03347	.00409	.00296	-.00258
22	Ti3372	.53505	.00022	.00003	.00003	.00010	.00022
23	Tl1908	.52195	.00528	-.00199	.00035	-.00146	-.00055
24	V_2924	.50583	.00020	.00019	.00058	.00072	.00048
25	Zn2062	.52061	-.00156	.31651	.00191	.01319	.00344
26	Sn1899	.52314	.00103	.00185	-.00083	.00128	.00053
27	Ag3280	.51435	-.00037	.00008	-.00004	.00025	-.00017
28	Mo2020	.52125	-.00021	-.00112	.00016	-.00032	-.00135
29	*Y	5678.18	5678.92	5910.83	5772.15	5666.55	5923.2
30	PB2203	.51510	-.00120	-.00120	-.00239	-.00268	-.00165
31	SE1960	.52631	.00277	.03490	.00442	.00349	-.00060

#	Element	AD856177	AD856178	CRI	ICSA	ICSAB	CCV
1	Al3082	.01671	.01543	.19667	523.40	539.48	25.717
2	As1890	.00122	.01618	.01192	-.00223	.11818	.51122
3	B_2496	.51283	2.1704	.02465	.00409	.01665	.50786
4	Ba4934	.06760	.31401	.00205	.00064	.54713	.51375
5	Be3130	-.00022	-.00019	.00183	.00032	.52167	.52206
6	Ca3179	237.87	146.53	.50429	527.42	547.85	26.045
7	Cd2265	.00052	-.00034	.00111	-.00109	1.0299	.51379
8	Co2286	.00396	.00622	.00387	.00003	.50995	.51154
9	Cr2677	.00011	.00108	.00428	-.00062	.53081	.53106
10	Cu3247	.00590	-.00036	.01051	-.00230	.54480	.51039
11	Fe2714	-.00114	17.583	.05657	199.85	102.82	25.564
12	K_7664	13.174	35.017	.49950	.02063	.03108	26.176
13	Mg2790	33.392	96.896	.20708	522.70	534.07	25.997
14	Mn2576	2.6699	1.1417	.00297	-.00092	.51684	.52201
15	Na3302	39.392	113.93	.94087	.00883	-.05229	25.432
16	Ni2316	.00918	.00862	.01005	.00100	.99773	.51694
17	2203/1	-.00285	-.00424	.00481	.02439	.08218	.52362
18	2203/2	-.00120	.00039	.00337	-.01487	.03668	.51887

#	Element	AD856177	AD856178	CRI	ICSA	ICSAB	CCV
19	Sb2068	-.00028	-.00126	.02197	-.00132	.67101	.52007
20	1960/1	.00803	.00301	.01549	-.00890	.05653	.53292
21	1960/2	-.00070	.00814	.02094	.00800	.05580	.53336
22	Ti3372	-.00011	.00039	.00521	.00020	.00220	.54031
23	Tl1908	.00266	-.00533	.01637	-.01445	.09330	.52519
24	V_2924	.00060	.00201	.00525	.00112	.53712	.51083
25	Zn2062	.37016	.00362	.01032	-.00486	1.0287	.52894
26	Sn1899	.00063	-.00039	.00939	.00106	.00300	.52486
27	Ag3280	-.00007	.00024	.00250	.00070	.22644	.51783
28	Mo2020	.00049	.00065	.00923	-.00073	-.00005	.52512
29	*Y	5786.7	5791.88	5758.2	5264.7	5214.38	5641.95
30	PB2203	-.00175	-.00115	.00385	-.00179	.05183	.52045
31	SE1960	.00220	.00643	.01912	.00236	.05604	.53321

#	Element	CCB
1	Al3082	.03537
2	As1890	-.00042
3	B_2496	.00121
4	Ba4934	.00041
5	Be3130	.00027
6	Ca3179	.04483
7	Cd2265	.00028
8	Co2286	.00060
9	Cr2677	.00015
10	Cu3247	.00044
11	Fe2714	.03330
12	K_7664	-.01497
13	Mg2790	.03889
14	Mn2576	.00023
15	Na3302	-.06764
16	Ni2316	.00080
17	2203/1	-.00296
18	2203/2	.00154
19	Sb2068	-.00051
20	1960/1	-.00322
21	1960/2	.00647
22	Ti3372	.00062
23	Tl1908	.00513
24	V_2924	.00114
25	Zn2062	-.00054
26	Sn1899	-.00090
27	Ag3280	.00060
28	Mo2020	-.00016
29	*Y	5590.42
30	PB2203	.00004
31	SE1960	.00323

Curvefit Fit Status Summary 08/19/08 10:15:54 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

Calibration Report 08/19/08 09:47:19 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 10/02/08 08:52:48 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 10/02/08 20:47:49

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.18502	.09087	.01901	.00162	.12891	.03108	.00433
SDev	.00309	.01595	.00349	.00051	.00020	.00046	.00128
%RSD	1.6699	17.546	18.350	31.672	.15915	1.4877	29.709
#1	.18721	.10215	.01654	.00126	.12876	.03075	.00342
#2	.18284	.07960	.02148	.00199	.12905	.03141	.00523

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00388	.00657	-.00144	-.00081	-.27015	.00973	.00090
SDev	.00294	.00291	.00025	.00115	.06490	.00053	.00000
%RSD	75.828	44.325	17.424	141.42	24.025	5.4954	.25797
#1	-.00180	.00863	-.00162	.00000	-.22425	.00935	.00090
#2	-.00596	.00451	-.00126	-.00162	-.31604	.01011	.00090

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00540	-.01730	.03115	-.01255	.00253	-.04289	.03984
SDev	.00432	.00106	.01342	.04430	.00663	.01056	.02125
%RSD	79.963	6.1501	43.092	352.88	262.01	24.613	53.334
#1	.00845	-.01654	.04064	-.04388	-.00216	-.03543	.02482
#2	.00235	-.01805	.02166	.01877	.00722	-.05036	.05487

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00369	.02910	.00018	.00279	-.00144	-.03063	-.00001
SDev	.00292	.00082	.00026	.00012	.00000	.00170	.00433
%RSD	79.157	2.8070	141.42	4.3043	.25798	5.5657	77527.
#1	-.00575	.02967	.00000	.00288	-.00144	-.03183	.00306
#2	-.00162	.02852	.00036	.00271	-.00144	-.02942	-.00307

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5551	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2579740	--	--	--	--	--	--
#1	5561	--	--	--	--	--	--
#2	5540	--	--	--	--	--	--

Standardization Rpt. 10/02/08 08:57:24 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 10/02/08 20:52:52

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.5467	1.2676	.41364	.71817	1.5735	2.0027	.83817
SDev	.0085	.0066	.00190	.00177	.0036	.0084	.00046
%RSD	.18724	.52306	.45881	.24593	.23097	.42193	.05532
#1	4.5527	1.2629	.41230	.71942	1.5760	2.0086	.83850
#2	4.5406	1.2722	.41498	.71692	1.5709	1.9967	.83784

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.66115	.47561	.74828	.39222	.66435	.53574	2.9168
SDev	.00041	.00029	.00393	.00201	.00180	.00495	.0046
%RSD	.06165	.06013	.52551	.51251	.27044	.92442	.15895
#1	.66144	.47541	.75107	.39364	.66308	.53925	2.9135
#2	.66086	.47581	.74550	.39080	.66562	.53224	2.9201

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.19497	.31651	.48943	1.1577	.29638	.08860	.08430
SDev	.00022	.01776	.00475	.0023	.01157	.00010	.00049
%RSD	.11456	5.6112	.96984	.19851	3.9037	.11457	.57522
#1	.19481	.32907	.49278	1.1593	.30456	.08853	.08396
#2	.19512	.30395	.48607	1.1561	.28820	.08868	.08465

Elem	Sn1899	Ag3280	Mo2020
Avge	.06114	.61721	.26563
SDev	.00019	.00357	.00280
%RSD	.30885	.57755	1.0550
#1	.06128	.61973	.26761
#2	.06101	.61469	.26365

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5462	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.1145628	--	--	--	--	--	--
#1	5467	--	--	--	--	--	--
#2	5458	--	--	--	--	--	--

Standardization Rpt. 10/02/08 09:02:01 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 10/02/08 20:57:28

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.288	5.7471	1.9504	3.4912	7.2009	9.7131	4.1223
SDev	.020	.0122	.0056	.0025	.0157	.0025	.0103
%RSD	.09514	.21274	.28517	.07077	.21864	.02581	.25083
#1	21.302	5.7558	1.9544	3.4930	7.2120	9.7113	4.1296
#2	21.273	5.7385	1.9465	3.4895	7.1897	9.7149	4.1150

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.2124	2.3418	3.6478	1.9123	3.2625	2.6256	14.013
SDev	.0004	.0113	.0002	.0041	.0010	.0046	.053
%RSD	.01243	.48392	.00606	.21324	.03128	.17538	.37807
#1	3.2127	2.3498	3.6480	1.9152	3.2618	2.6223	13.976
#2	3.2121	2.3338	3.6477	1.9094	3.2632	2.6288	14.051

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.93885	1.8393	2.2712	5.6762	1.5637	.43377	.40777
SDev	.00702	.0268	.0039	.0104	.0163	.00030	.00022
%RSD	.74821	1.4595	.16966	.18300	1.0442	.06988	.05363
#1	.94381	1.8203	2.2685	5.6835	1.5521	.43355	.40792
#2	.93388	1.8583	2.2739	5.6688	1.5752	.43398	.40761

Elem	Sn1899	Ag3280	Mo2020
Avge	.30877	3.1246	1.3043
SDev	.00097	.0013	.0069
%RSD	.31455	.04167	.52863
#1	.30808	3.1237	1.3092
#2	.30945	3.1255	1.2994

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5616	--	--	--	--	--	--
SDev	3.924304	--	--	--	--	--	--
%RSD	.0698781	--	--	--	--	--	--
#1	5619	--	--	--	--	--	--
#2	5613	--	--	--	--	--	--

Standardization Rpt. 10/02/08 09:07:05 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 10/02/08 21:02:05

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	42.949	11.330	3.8994	7.0405	14.181	41.731	19.134
SDev	.221	.109	.0309	.0402	.118	.252	.126
%RSD	.51391	.96378	.79276	.57042	.83502	.60442	.65592
#1	42.793	11.253	3.8775	7.0121	14.097	41.552	19.046
#2	43.105	11.407	3.9212	7.0689	14.265	41.909	19.223

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	8.1875	6.4046	4.7365	7.2566	152.00	20.867	3.8146
SDev	.0676	.0451	.0440	.0369	1.21	.151	.0266
%RSD	.82511	.70468	.92962	.50815	.79483	.72466	.69758
#1	8.1397	6.3727	4.7053	7.2305	151.15	20.761	3.7958
#2	8.2352	6.4365	4.7676	7.2827	152.85	20.974	3.8335

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3186	6.4807	5.1659	27.988	1.8855	3.6741	4.4670
SDev	.0134	.0258	.0470	.264	.0133	.0518	.0661
%RSD	.57807	.39828	.91050	.94413	.70601	1.4094	1.4789
#1	2.3091	6.4625	5.1326	27.801	1.8761	3.6375	4.4203
#2	2.3281	6.4990	5.1992	28.175	1.8949	3.7107	4.5138

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	11.386	3.1664	.86892	.79915	.61470	6.3421	2.5971
SDev	.081	.0811	.00494	.00499	.00342	.0433	.0284
%RSD	.71142	2.5624	.56869	.62434	.55706	.68308	1.0950
#1	11.329	3.1091	.86543	.79562	.61228	6.3115	2.5770
#2	11.444	3.2238	.87242	.80267	.61712	6.3728	2.6172

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5525	--	--	--	--	--	--
SDev	46.88104	--	--	--	--	--	--
%RSD	.8485563	--	--	--	--	--	--
#1	5558	--	--	--	--	--	--
#2	5492	--	--	--	--	--	--

Standardization Report 10/02/08 09:07:05 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.16723	-.216677	10/02/08 09:02:05
As1890	189.042	Multiple	Standards	.087399	-.007967	10/02/08 09:02:05
B_2496	249.678	Multiple	Standards	.256889	-.004894	10/02/08 09:02:05
Ba4934	493.409	Multiple	Standards	.141663	-.000242	10/02/08 09:02:05
Be3130	313.042	Multiple	Standards	.070426	-.009092	10/02/08 09:02:05
Ca3179	317.933	STD 3	STD BLK	1.03776	-.007066	10/02/08 09:02:05
Cd2265	226.502	Multiple	Standards	.051454	-.000244	10/02/08 09:02:05
Co2286	228.616	Multiple	Standards	.120829	.000455	10/02/08 09:02:05
Cr2677	267.716	Multiple	Standards	.155071	-.001032	10/02/08 09:02:05
Cu3247	324.753	Multiple	Standards	.211071	.000298	10/02/08 09:02:05
Fe2714	271.441	Multiple	Standards	6.80632	.004695	10/02/08 09:02:05
K_7664	766.491	STD 3	STD BLK	.875237	.008259	10/02/08 09:02:05
Mg2790	279.078	STD 3	STD BLK	1.07607	-.013298	10/02/08 09:02:05
Mn2576	257.610	Multiple	Standards	.259410	-.000248	10/02/08 09:02:05
Na3302	330.232	STD 3	STD BLK	.953902	-.001350	10/02/08 09:02:05
Ni2316	231.604	Multiple	Standards	.150751	.002583	10/02/08 09:02:05
2203/1	220.351	Multiple	Standards	.199866	-.006213	10/02/08 09:02:05
2203/2	220.352	Multiple	Standards	.034788	.000412	10/02/08 09:02:05
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.529496	-.001354	10/02/08 09:02:05
1960/1	196.021	Multiple	Standards	.271037	.011647	10/02/08 09:02:05
1960/2	196.022	Multiple	Standards	.221474	-.008831	10/02/08 09:02:05
Ti3372	337.280	Multiple	Standards	.087317	.000311	10/02/08 09:02:05
Tl1908	190.864	Multiple	Standards	.335597	-.009682	10/02/08 09:02:05
V_2924	292.402	Multiple	Standards	1.14577	-.000217	10/02/08 09:02:05
Zn2062	206.200	Multiple	Standards	1.23802	-.003466	10/02/08 09:02:05
Sn1899	189.989	Multiple	Standards	1.60960	.002313	10/02/08 09:02:05
Ag3280	328.068	Multiple	Standards	.156497	.004781	10/02/08 09:02:05
Mo2020	202.030	Multiple	Standards	.381270	-.000010	10/02/08 09:02:05

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Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000712	.000712
		STD 1	5.00000	5.09029	-.090292
		STD 2	25.0000	24.6309	.369062
		STD 3	50.0000	49.9149	.085083

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.102817	-.002817
		STD 2	.500000	.494327	.005673
		STD 3	1.00000	.982273	.017727

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101365	-.001365
		STD 2	.500000	.496150	.003850
		STD 3	1.00000	.996808	.003192

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101497	-.001497
		STD 2	.500000	.494337	.005663
		STD 3	1.00000	.997140	.002860

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101719	-.001719
		STD 2	.500000	.498032	.001968
		STD 3	1.00000	.989613	.010387

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.031079	-.005892
		STD 3	43.2991	41.7305	1.56857

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000021	.000021
		STD 1	.100000	.102801	-.002801
		STD 2	.500000	.499533	.000467
		STD 3	1.00000	.984299	.015701

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101731	-.001731
		STD 2	.500000	.498549	.001451
		STD 3	1.00000	.989741	.010259

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101493	-.001493
		STD 2	.500000	.497117	.002883
		STD 3	1.00000	.992137	.007863

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100685	-.000685
		STD 2	.500000	.494588	.005412
		STD 3	1.00000	1.00003	-.000029

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000833	.000833
		STD 1	5.00000	5.09776	-.097758
		STD 2	25.0000	24.8330	.166950
		STD 3	50.0000	49.3955	.604469

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.270148	.041964
		STD 3	133.044	151.999	-18.9557

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.009729	-.012558
		STD 3	22.4415	20.8675	1.57408

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101498	-.001498
		STD 2	.500000	.495830	.004170
		STD 3	1.00000	.989309	.010691

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.005399	-.001599
		STD 3	2.21037	2.31860	-.108233

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.102734	-.002734
		STD 2	.500000	.494409	.005591
		STD 3	1.00000	.979555	.020445

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.100864	-.000864
		STD 2	.500000	.518550	-.018550
		STD 3	1.00000	1.02628	-.026277

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.101882	-.001882
		STD 2	.500000	.487899	.012101
		STD 3	1.00000	.974048	.025952

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101880	-.001880
		STD 2	.500000	.495762	.004238
		STD 3	1.00000	.996993	.003007

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000022	-.000022
		STD 1	.100000	.097434	.002566
		STD 2	.500000	.510174	-.010174
		STD 3	1.00000	1.00747	-.007465

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.099565	.000435
		STD 2	.500000	.494186	.005814
		STD 3	1.00000	.980505	.019495

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101399	-.001399
		STD 2	.500000	.495937	.004063
		STD 3	1.00000	.994541	.005459

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000083	-.000083
		STD 1	.100000	.089782	.010218
		STD 2	.500000	.515086	-.015086
		STD 3	1.00000	1.05296	-.052963

CorCoef: 0.99988

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101304	-.001304
		STD 2	.500000	.496782	.003218
		STD 3	1.00000	.995371	.004629

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.100902	-.000902
		STD 2	.500000	.501358	-.001358
		STD 3	1.00000	.985888	.014112

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100731	-.000731
		STD 2	.500000	.499301	.000699
		STD 3	1.00000	.991730	.008270

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101373	-.001373
		STD 2	.500000	.493772	.006228
		STD 3	1.00000	.997307	.002693

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101267	-.001267
		STD 2	.500000	.497290	.002710
		STD 3	1.00000	.990202	.009798

CorCoef: 1.00000

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Method: TRACE1 Sample Name: STD 3 VER Operator: TWS
Run Time: 10/02/08 21:07:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.281	.98524	.99056	.98393	.98310	49.644	.98459
SDev	.069	.00256	.00253	.00137	.00010	.047	.00001
%RSD	.14046	.25973	.25531	.13965	.00966	.09530	.00108
#1	49.232	.98705	.98877	.98296	.98303	49.677	.98459
#2	49.330	.98343	.99234	.98490	.98317	49.610	.98458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98788	.98792	.98609	49.308	49.144	49.562	.98652
SDev	.00033	.00041	.00151	.069	.232	.007	.00020
%RSD	.03342	.04148	.15280	.14074	.47260	.01362	.02069
#1	.98765	.98763	.98502	49.357	48.980	49.566	.98666
#2	.98811	.98821	.98715	49.259	49.308	49.557	.98637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.066	.97886	1.0048	.98605	.99228	1.0066	.98854
SDev	.028	.00219	.0058	.00004	.00190	.0037	.00777
%RSD	.05689	.22409	.57478	.00377	.19131	.36840	.78598
#1	49.086	.98041	1.0088	.98602	.99362	1.0040	.99403
#2	49.046	.97731	1.0007	.98607	.99094	1.0092	.98305
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0156	1.0021	.98571	1.1280	.98885	.99178	.99419
SDev	.0017	.0064	.00047	.0014	.00042	.00383	.00137
%RSD	.16316	.63776	.04810	.12592	.04273	.38579	.13753
#1	1.0167	.99759	.98537	1.1270	.98915	.99449	.99322
#2	1.0144	1.0066	.98605	1.1290	.98855	.98908	.99515
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.98656	.98469
SDev	.00291	.00337
%RSD	.29515	.34197
#1	.98450	.98231
#2	.98862	.98708
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5618	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.0868507	--	--	--	--	--	--
#1	5614	--	--	--	--	--	--
#2	5621	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 09:17:11 PM page 1

Method: TRACE1 Sample Name: ICV Operator: TWS
Run Time: 10/02/08 21:12:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.717	.36796	.37293	.37571	.37426	18.692	.36953
SDev	.025	.00078	.00051	.00023	.00248	.017	.00161
%RSD	.13329	.21173	.13630	.06156	.66290	.08956	.43514
#1	18.735	.36741	.37257	.37555	.37251	18.704	.36840
#2	18.699	.36851	.37329	.37588	.37602	18.680	.37067
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36799	.38364	.36974	18.489	18.948	18.759	.37806
SDev	.00105	.00029	.00315	.051	.357	.042	.00153
%RSD	.28612	.07624	.85338	.27753	1.8827	.22272	.40580
#1	.36724	.38344	.36751	18.525	18.695	18.729	.37698
#2	.36873	.38385	.37197	18.452	19.200	18.788	.37915
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.470	.37328	.37972	.37509	.37663	.38348	.38434
SDev	.127	.00178	.00437	.00094	.00083	.00172	.00133
%RSD	.68733	.47573	1.1498	.25027	.21979	.44951	.34536
#1	18.381	.37454	.37664	.37575	.37605	.38470	.38527
#2	18.560	.37202	.38281	.37442	.37722	.38227	.38340
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38438	.38304	.38946	.36611	.37002	.38471	.37661
SDev	.00007	.00262	.00097	.00700	.00026	.00160	.00415
%RSD	.01903	.68460	.24900	1.9128	.07129	.41618	1.1011
#1	.38433	.38490	.38877	.36116	.37021	.38358	.37954
#2	.38443	.38119	.39014	.37106	.36984	.38585	.37368
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37627	.37868
SDev	.00128	.00349
%RSD	.34034	.92296
#1	.37536	.37621
#2	.37717	.38115
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5579	--	--	--	--	--	--
SDev	4.030647	--	--	--	--	--	--
%RSD	.0722455	--	--	--	--	--	--
#1	5576	--	--	--	--	--	--
#2	5582	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 09:22:14 PM page 1

Method: TRACE1 Sample Name: ICB Operator: TWS
Run Time: 10/02/08 21:17:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02554	.00180	.00207	.00024	.00019	.01310	.00019
SDev	.00257	.00134	.00040	.00011	.00009	.00175	.00001
%RSD	10.052	74.223	19.152	46.574	48.273	13.342	5.2213
#1	.02373	.00086	.00235	.00016	.00013	.01186	.00019
#2	.02736	.00275	.00179	.00032	.00026	.01433	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	-.00019	.00023	.02657	.01923	.00369	.00022
SDev	.00033	.00022	.00053	.00361	.00630	.00264	.00007
%RSD	117.66	118.85	236.23	13.588	32.747	71.440	32.089
#1	.00005	-.00034	-.00015	.02401	.01478	.00183	.00017
#2	.00052	-.00003	.00060	.02912	.02369	.00556	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08141	.00103	.00011	.00152	.00105	-.00203	.00153
SDev	.07553	.00022	.00189	.00077	.00115	.00217	.00205
%RSD	92.775	21.400	1685.6	50.921	109.08	106.71	134.26
#1	.02800	.00119	-.00123	.00097	.00024	-.00357	.00298
#2	.13481	.00088	.00145	.00207	.00186	-.00050	.00008
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00385	-.00113	.00020	H.03942	.00050	.00106	.00030
SDev	.00018	.00317	.00036	.00760	.00073	.00051	.00002
%RSD	4.6733	281.39	185.86	19.271	145.33	47.529	5.4985
#1	-.00398	-.00336	-.00006	H.04480	-.00001	.00071	.00031
#2	-.00373	.00111	.00045	H.03405	.00102	.00142	.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00032	.00071
SDev	.00071	.00005
%RSD	225.47	7.6371
#1	-.00019	.00067
#2	.00082	.00074
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5604	--	--	--	--	--	--
SDev	46.13872	--	--	--	--	--	--
%RSD	.8232845	--	--	--	--	--	--
#1	5637	--	--	--	--	--	--
#2	5572	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 09:27:16 PM page 1

Method: TRACE1 Sample Name: CRI Operator: TWS
Run Time: 10/02/08 21:22:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19724	.01259	.02298	.00201	.00200	.50342	.00108
SDev	.00570	.00094	.00105	.00005	.00003	.00022	.00012
%RSD	2.8915	7.4485	4.5698	2.6969	1.4038	.04426	10.815
#1	.20127	.01325	.02373	.00205	.00202	.50357	.00116
#2	.19321	.01193	.02224	.00198	.00198	.50326	.00100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00360	.00363	.01035	.04690	.50612	.20856	.00312
SDev	.00001	.00032	.00013	.01646	.00578	.00339	.00013
%RSD	.39538	8.7066	1.2773	35.098	1.1424	1.6247	4.2641
#1	.00361	.00385	.01025	.05854	.51021	.21095	.00321
#2	.00359	.00341	.01044	.03526	.50203	.20616	.00302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0317	.00959	.00617	.00514	.00548	.01578	.02176
SDev	.0697	.00031	.00237	.00066	.00035	.00149	.00042
%RSD	6.7536	3.2157	38.388	12.932	6.3076	9.4225	1.9174
#1	1.0809	.00980	.00450	.00561	.00524	.01473	.02146
#2	.98241	.00937	.00784	.00467	.00572	.01683	.02205
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01718	.01508	.00493	H.03065	.00505	.00923	.00825
SDev	.00528	.00487	.00005	.00345	.00044	.00063	.00143
%RSD	30.721	32.296	.91085	11.263	8.6425	6.7986	17.372
#1	.02092	.01163	.00496	.02821	.00536	.00879	.00724
#2	.01345	.01852	.00490	H.03310	.00474	.00968	.00926
Errors	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00272	.01077
SDev	.00014	.00165
%RSD	5.1724	15.310
#1	.00262	.00960
#2	.00282	.01193
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5556	--	--	--	--	--	--
SDev	.7426693	--	--	--	--	--	--
%RSD	.0133679	--	--	--	--	--	--
#1	5555	--	--	--	--	--	--
#2	5556	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 09:32:18 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: TWS
Run Time: 10/02/08 21:27:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	519.95	.00096	.00241	.00064	.00046	526.36	-.00241
SDev	5.15	.00083	.00001	.00002	.00011	5.53	.00013
%RSD	.99040	86.322	.39352	3.1689	24.690	1.0513	5.4946
#1	516.30	.00155	.00242	.00065	.00038	522.45	-.00232
#2	523.59	.00037	.00241	.00063	.00054	530.27	-.00251
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00064	-.00201	-.00327	200.32	.01724	524.17	-.00141
SDev	.00009	.00057	.00070	1.70	.01637	2.60	.00008
%RSD	14.445	28.372	21.404	.84882	94.918	.49570	5.6557
#1	-.00058	-.00242	-.00376	199.12	.00567	522.33	-.00135
#2	-.00071	-.00161	-.00277	201.52	.02881	526.01	-.00146
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09673	.00157	.02938	-.01320	.00098	-.00293	.00168
SDev	.11335	.00118	.00307	.00377	.00149	.00394	.00039
%RSD	117.17	74.852	10.462	28.566	151.99	134.40	23.257
#1	-.17688	.00074	.03155	-.01586	-.00007	-.00572	.00196
#2	-.01659	.00241	.02721	-.01053	.00204	-.00015	.00141
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01431	.00276	-.00017	-.01215	.00178	-.00570	.00230
SDev	.00759	.00970	.00024	.00435	.00036	.00097	.00067
%RSD	53.028	351.57	140.13	35.788	20.186	16.964	29.126
#1	-.00894	-.00410	-.00034	-.00907	.00153	-.00639	.00277
#2	-.01968	.00962	-.00000	-.01522	.00204	-.00502	.00182
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00035	-.00062
SDev	.00056	.00158
%RSD	161.07	255.27
#1	-.00005	.00050
#2	.00074	-.00173
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5189	--	--	--	--	--	--
SDev	69.89758	--	--	--	--	--	--
%RSD	1.347027	--	--	--	--	--	--
#1	5238	--	--	--	--	--	--
#2	5140	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 09:37:20 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: TWS
Run Time: 10/02/08 21:32:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.12	.10811	.01466	.52321	.49462	516.77	.98116
SDev	.84	.00029	.00005	.00099	.00300	2.52	.00793
%RSD	.16316	.26451	.35986	.18907	.60705	.48849	.80836
#1	513.53	.10831	.01462	.52251	.49249	514.99	.97555
#2	514.71	.10791	.01470	.52391	.49674	518.56	.98676
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48333	.50607	.51967	97.888	.03752	510.29	.49456
SDev	.00226	.00235	.00200	.393	.00638	2.74	.00253
%RSD	.46728	.46484	.38531	.40122	17.002	.53787	.51227
#1	.48173	.50440	.51826	97.610	.03301	508.35	.49277
#2	.48492	.50773	.52109	98.165	.04203	512.23	.49635
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06304	.94723	.08297	.03073	.04813	.05229	.64694
SDev	.03167	.00341	.00000	.00084	.00056	.00061	.00003
%RSD	50.234	.35985	.00180	2.7332	1.1630	1.1757	.00386
#1	.04065	.94482	.08297	.03014	.04773	.05186	.64692
#2	.08543	.94964	.08297	.03132	.04852	.05273	.64696
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05101	.05293	.00164	.09124	.51195	.97197	.00154
SDev	.00109	.00147	.00019	.00959	.00110	.00891	.00194
%RSD	2.1426	2.7746	11.435	10.508	.21387	.91718	126.61
#1	.05178	.05189	.00177	.08446	.51118	.96566	.00291
#2	.05024	.05397	.00151	.09802	.51272	.97827	.00016
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21567	.00028
SDev	.00062	.00031
%RSD	.28765	110.57
#1	.21524	.00006
#2	.21611	.00050
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5262	--	--	--	--	--	--
SDev	4.984965	--	--	--	--	--	--
%RSD	.0947365	--	--	--	--	--	--
#1	5265	--	--	--	--	--	--
#2	5258	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 09:45:21 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/02/08 21:40:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.560	.48193	.48598	.49171	.49485	24.675	.48556
SDev	.101	.00580	.00412	.00371	.00520	.112	.00368
%RSD	.41063	1.2029	.84721	.75437	1.0501	.45242	.75900
#1	24.489	.47783	.48307	.48909	.49117	24.596	.48295
#2	24.631	.48603	.48889	.49434	.49852	24.754	.48816
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48326	.50371	.48740	24.218	25.265	24.769	.49894
SDev	.00315	.00350	.00402	.170	.303	.184	.00446
%RSD	.65269	.69421	.82442	.70365	1.1986	.74122	.89386
#1	.48103	.50124	.48456	24.098	25.051	24.639	.49579
#2	.48549	.50619	.49024	24.339	25.480	24.899	.50210
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.423	.48792	.50413	.49321	.49685	.50372	.50365
SDev	.103	.00268	.00839	.00357	.00518	.00443	.00617
%RSD	.42106	.54928	1.6635	.72440	1.0417	.88005	1.2240
#1	24.350	.48603	.49820	.49068	.49319	.50059	.49929
#2	24.496	.48982	.51006	.49574	.50051	.50686	.50801
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51099	.50010	.51359	.45730	.48482	.49824	.49486
SDev	.00250	.00540	.00312	.02446	.00240	.00556	.00441
%RSD	.48893	1.0799	.60729	5.3487	.49425	1.1169	.89110
#1	.50923	.49628	.51139	Q.44001	.48313	.49430	.49174
#2	.51276	.50392	.51580	.47460	.48652	.50217	.49797
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49339	.50009
SDev	.00249	.00615
%RSD	.50427	1.2296
#1	.49163	.49574
#2	.49515	.50444
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5598	--	--	--	--	--	--
SDev	.7426693	--	--	--	--	--	--
%RSD	.0132658	--	--	--	--	--	--
#1	5598	--	--	--	--	--	--
#2	5599	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 09:50:25 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/02/08 21:45:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04763	.00162	.00035	.00009	.00002	.05411	.00024
SDev	.01293	.00075	.00113	.00003	.00005	.02110	.00022
%RSD	27.135	46.268	321.77	39.146	196.25	38.988	90.510
#1	.05677	.00215	-.00045	.00011	.00006	.06903	.00040
#2	.03849	.00109	.00115	.00006	-.00001	.03919	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.00028	.00018	.01871	.00010	.05047	.00010
SDev	.00004	.00012	.00048	.00265	.01137	.02270	.00010
%RSD	9.5995	43.046	262.38	14.183	11847.	44.986	95.885
#1	-.00034	-.00037	.00052	.01684	.00814	.06653	.00017
#2	-.00039	-.00020	-.00016	.02059	-.00795	.03442	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05403	.00126	-.00038	.00097	.00052	-.00051	.00246
SDev	.00548	.00019	.00030	.00162	.00098	.00581	.00122
%RSD	10.138	14.767	77.176	167.22	189.44	1129.5	49.646
#1	-.05015	.00113	-.00017	-.00018	-.00018	.00359	.00159
#2	-.05790	.00139	-.00059	.00211	.00121	-.00462	.00332
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00428	.00137	-.00003	H.03046	-.00001	-.00114	.00217
SDev	.00536	.00604	.00014	.01022	.00029	.00015	.00183
%RSD	125.17	440.78	562.17	33.549	2472.0	12.771	84.361
#1	-.00049	.00564	-.00013	H.03769	.00019	-.00104	.00088
#2	-.00807	-.00290	.00008	H.02323	-.00022	-.00124	.00347
Errors	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00002	.00159
SDev	.00037	.00052
%RSD	1897.8	32.838
#1	-.00024	.00196
#2	.00028	.00122
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5585	--	--	--	--	--	--
SDev	26.41051	--	--	--	--	--	--
%RSD	.4728426	--	--	--	--	--	--
#1	5604	--	--	--	--	--	--
#2	5567	--	--	--	--	--	--

Analysis Report 10/02/08 09:55:28 PM page 1

Method: TRACE1 Sample Name: AD856603 Operator: TWS
Run Time: 10/02/08 21:50:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36809	.00096	.01899	.09127	-.00037	24.116	.00524
SDev	.02349	.00200	.00060	.00000	.00002	.135	.00040
%RSD	6.3830	209.28	3.1886	.00236	5.5010	.55862	7.6607
#1	.38470	-.00046	.01941	.09127	-.00035	24.021	.00495
#2	.35148	.00238	.01856	.09127	-.00038	24.212	.00552
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00618	.30075	.66257	2.7375	1.8549	.03667
SDev	.00033	.00066	.00089	.00087	.0061	.0197	.00014
%RSD	254.64	10.740	.29737	.13106	.22349	1.0626	.39323
#1	.00036	.00571	.30138	.66318	2.7418	1.8688	.03657
#2	-.00010	.00665	.30011	.66196	2.7332	1.8409	.03678
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.151	.01078	.23167	.22350	.22622	.00691	.00392
SDev	.030	.00036	.00351	.00026	.00100	.00029	.00490
%RSD	.29877	3.3633	1.5162	.11523	.44112	4.1490	125.13
#1	10.130	.01053	.22919	.22368	.22552	.00711	.00045
#2	10.173	.01104	.23415	.22332	.22693	.00670	.00739
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01031	.00520	.00737	L-.01073	.00077	.74851	.03136
SDev	.00000	.00043	.00012	.00042	.00000	.00254	.00156
%RSD	.01750	8.2761	1.6367	3.8698	.30136	.33922	4.9701
#1	.01031	.00551	.00728	L-.01043	.00077	.74672	.03026
#2	.01031	.00490	.00746	L-.01102	.00077	.75031	.03247
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.02904	.00094
SDev	.00045	.00104
%RSD	1.5594	110.86
#1	.02872	.00168
#2	.02936	.00020
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5701	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1321039	--	--	--	--	--	--
#1	5695	--	--	--	--	--	--
#2	5706	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856604 Operator: TWS
Run Time: 10/02/08 21:55:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89243	.00365	.02588	.23070	-.00046	25.219	.00688
SDev	.03137	.00052	.00027	.00520	.00017	.600	.00023
%RSD	3.5147	14.112	1.0563	2.2531	36.389	2.3810	3.3403
#1	.91461	.00329	.02608	.23437	-.00034	25.644	.00704
#2	.87025	.00401	.02569	.22702	-.00057	24.795	.00672
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.01526	.10773	2.1371	4.9681	2.0275	.06086
SDev	.00018	.00066	.00182	.0493	.0723	.0516	.00144
%RSD	41.622	4.3510	1.6897	2.3069	1.4552	2.5429	2.3601
#1	.00055	.01573	.10902	2.1719	5.0192	2.0640	.06187
#2	.00030	.01479	.10645	2.1022	4.9170	1.9910	.05984
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0767	.01070	.44526	.43878	.44094	.00938	.00428
SDev	.1037	.00016	.00683	.00858	.00800	.00049	.00265
%RSD	1.1429	1.4907	1.5347	1.9562	1.8145	5.1890	61.779
#1	9.1500	.01059	.45009	.44485	.44660	.00973	.00615
#2	9.0033	.01082	.44043	.43271	.43528	.00904	.00241
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01334	.00741	.01822	L-.02205	.00194	.83626	.19399
SDev	.00628	.00241	.00069	.00195	.00004	.01950	.00569
%RSD	47.066	32.526	3.7686	8.8529	1.8428	2.3313	2.9326
#1	.01778	.00570	.01870	L-.02067	.00196	.85004	.19801
#2	.00890	.00911	.01773	L-.02344	.00191	.82247	.18996
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.03696	.00082
SDev	.00073	.00093
%RSD	1.9673	112.97
#1	.03747	.00017
#2	.03644	.00148
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5703	--	--	--	--	--	--
SDev	98.00507	--	--	--	--	--	--
%RSD	1.718392	--	--	--	--	--	--
#1	5634	--	--	--	--	--	--
#2	5773	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856605 Operator: TWS
Run Time: 10/02/08 22:00:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46462	.00028	.02576	.17450	-.00056	26.980	.01909
SDev	.00698	.00128	.00153	.00001	.00004	.009	.00008
%RSD	1.5019	448.48	5.9344	.00365	7.0266	.03394	.39844
#1	.46956	.00119	.02468	.17450	-.00053	26.974	.01914
#2	.45969	-.00062	.02684	.17451	-.00059	26.987	.01904
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.02221	.39037	9.5936	5.5334	2.1968	.12904
SDev	.00038	.00064	.00081	.0095	.0843	.0034	.00071
%RSD	20.969	2.9026	.20712	.09862	1.5227	.15389	.54636
#1	.00153	.02267	.38980	9.5869	5.4738	2.1944	.12855
#2	.00206	.02176	.39095	9.6002	5.5930	2.1992	.12954
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.866	.03011	.27598	.26681	.26986	.00970	.00504
SDev	.023	.00028	.00154	.00124	.00134	.00016	.00335
%RSD	.21254	.94390	.55882	.46591	.49755	1.6333	66.399
#1	10.883	.03031	.27707	.26769	.27081	.00981	.00740
#2	10.850	.02991	.27489	.26593	.26891	.00959	.00267
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00717	.01097	.01385	L-.01481	.00225	.90781	.09433
SDev	.00180	.00066	.00008	.00534	.00016	.00717	.00111
%RSD	25.160	6.0541	.60843	36.069	6.9395	.78953	1.1761
#1	.00844	.01050	.01379	L-.01859	.00236	.90274	.09511
#2	.00589	.01144	.01391	L-.01103	.00214	.91288	.09355
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.06693	.00258
SDev	.00037	.00034
%RSD	.55158	13.179
#1	.06719	.00282
#2	.06667	.00234
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5767	--	--	--	--	--	--
SDev	32.45648	--	--	--	--	--	--
%RSD	.5627770	--	--	--	--	--	--
#1	5744	--	--	--	--	--	--
#2	5790	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856606 Operator: TWS
Run Time: 10/02/08 22:05:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.60510	-.00005	.03696	.20506	-.00050	25.848	.00647
SDev	.00221	.00049	.00048	.00038	.00001	.039	.00024
%RSD	.36582	932.72	1.2998	.18314	2.1066	.14921	3.6935
#1	.60353	-.00040	.03662	.20532	-.00050	25.875	.00664
#2	.60666	.00030	.03730	.20479	-.00051	25.821	.00630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.02386	.22633	1.6356	3.3523	2.3832	.06182
SDev	.00012	.00002	.00140	.0096	.0428	.0188	.00043
%RSD	12.356	.08793	.62023	.58778	1.2754	.79071	.69701
#1	.00107	.02385	.22732	1.6424	3.3825	2.3966	.06212
#2	.00090	.02388	.22534	1.6288	3.3220	2.3699	.06151
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9728	.01684	.22306	.22262	.22277	.00694	.00315
SDev	.1046	.00015	.00227	.00377	.00176	.00097	.00078
%RSD	1.0490	.85860	1.0162	1.6953	.79114	13.928	24.665
#1	10.047	.01694	.22146	.22529	.22401	.00762	.00260
#2	9.8988	.01673	.22467	.21995	.22152	.00626	.00370
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00340	.00871	.01829	L-.01438	.00176	.80896	.04479
SDev	.00154	.00222	.00017	.00379	.00001	.00723	.00191
%RSD	45.237	25.461	.93521	26.355	.25779	.89342	4.2587
#1	.00231	.01028	.01841	L-.01170	.00176	.81407	.04344
#2	.00448	.00714	.01817	L-.01706	.00175	.80385	.04614
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.16274	.00103
SDev	.00082	.00029
%RSD	.50655	27.959
#1	.16332	.00123
#2	.16216	.00082

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5682	--	--	--	--	--	--
SDev	12.83392	--	--	--	--	--	--
%RSD	.2258727	--	--	--	--	--	--
#1	5673	--	--	--	--	--	--
#2	5691	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856607 Operator: TWS
Run Time: 10/02/08 22:10:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40643	.00166	.01686	.13678	-.00052	24.143	.00413
SDev	.00366	.00015	.00010	.00040	.00001	.058	.00008
%RSD	.90187	9.1247	.57522	.29494	1.8729	.23963	2.0041
#1	.40903	.00177	.01693	.13650	-.00051	24.103	.00407
#2	.40384	.00155	.01679	.13707	-.00053	24.184	.00419
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00932	.67952	1.4320	2.3750	1.9109	.04466
SDev	.00005	.00019	.00408	.0127	.0175	.0069	.00041
%RSD	5.6433	2.0615	.60070	.88882	.73706	.35891	.91783
#1	.00083	.00946	.67664	1.4410	2.3626	1.9061	.04437
#2	.00077	.00918	.68241	1.4230	2.3873	1.9158	.04495
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.047	.02773	.14899	.14280	.14486	.01036	.00315
SDev	.121	.00026	.00417	.00210	.00279	.00225	.00326
%RSD	1.2022	.92657	2.7972	1.4670	1.9226	21.667	103.54
#1	9.9619	.02755	.14605	.14132	.14289	.00878	.00546
#2	10.133	.02791	.15194	.14428	.14683	.01195	.00084
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00738	.01186	.01084	L-.01509	.00134	.99580	.03885
SDev	.00097	.00288	.00004	.00029	.00028	.00903	.00100
%RSD	13.119	24.327	.40732	1.9202	20.986	.90719	2.5625
#1	.00669	.00982	.01087	L-.01529	.00114	.98941	.03955
#2	.00806	.01390	.01081	L-.01488	.00154	1.0022	.03814
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04077	.00118
SDev	.00015	.00042
%RSD	.36781	35.874
#1	.04067	.00148
#2	.04088	.00088
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5744	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0110785	--	--	--	--	--	--
#1	5743	--	--	--	--	--	--
#2	5744	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856503/PB Operator: TWS
Run Time: 10/02/08 22:18:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	.00189	.00404	-.00005	-.00038	.05188	-.00018
SDev	.00347	.00090	.00047	.00002	.00004	.00017	.00003
%RSD	59.694	47.720	11.570	32.714	10.604	.32827	17.065
#1	.00336	.00125	.00371	-.00004	-.00041	.05176	-.00016
#2	.00826	.00252	.00437	-.00007	-.00035	.05200	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.00076	.00007	-.00189	.01094	-.00025	.00003
SDev	.00009	.00077	.00026	.00592	.00814	.00451	.00000
%RSD	23.477	101.97	353.34	312.69	74.396	1820.4	1.9111
#1	-.00046	-.00021	-.00011	.00229	.00518	.00294	.00003
#2	-.00033	-.00130	.00026	-.00608	.01669	-.00344	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03001	.00072	-.00150	.00060	-.00010	.00114	-.00061
SDev	.11018	.00060	.00208	.00138	.00022	.00166	.00358
%RSD	367.16	82.567	139.00	230.30	222.77	145.42	590.66
#1	.04790	.00115	-.00297	.00157	.00006	-.00003	-.00313
#2	-.10792	.00030	-.00003	-.00038	-.00026	.00231	.00192
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00123	.00004	-.00735	-.00002	-.00019	.00075
SDev	.00103	.00197	.00047	.00105	.00028	.00062	.00100
%RSD	108.05	159.84	1122.3	14.278	1839.9	319.79	132.66
#1	.00022	-.00016	.00037	-.00660	.00019	.00025	.00146
#2	.00168	.00263	-.00029	-.00809	-.00022	-.00063	.00005
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00026	-.00031
SDev	.00030	.00109
%RSD	115.33	349.45
#1	-.00005	-.00109
#2	-.00048	.00046
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5677	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1401377	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5682	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856502/FB Operator: TWS
Run Time: 10/02/08 22:23:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7899	.20226	.19519	.19803	.19913	9.9985	.19831
SDev	.0279	.00148	.00091	.00072	.00040	.0020	.00043
%RSD	.28530	.73062	.46580	.36149	.20291	.01960	.21686
#1	9.7701	.20330	.19455	.19752	.19885	9.9971	.19862
#2	9.8096	.20121	.19584	.19854	.19942	9.9998	.19801
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19899	.19936	.19873	9.9168	10.213	10.033	.19993
SDev	.00029	.00018	.00042	.0042	.003	.002	.00017
%RSD	.14649	.09011	.21214	.04249	.03140	.02141	.08744
#1	.19879	.19923	.19843	9.9138	10.216	10.031	.19981
#2	.19920	.19949	.19903	9.9198	10.211	10.034	.20006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9601	.19716	.20021	.20119	.20086	.20094	.20080
SDev	.2124	.00028	.00059	.00018	.00032	.00081	.00335
%RSD	2.1321	.14351	.29284	.09169	.15845	.40069	1.6673
#1	9.8099	.19696	.19979	.20106	.20064	.20151	.19843
#2	10.110	.19736	.20062	.20132	.20109	.20037	.20316
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20037	.20122	.19841	L.13507	.19726	.19825	.20108
SDev	.00520	.00381	.00021	.00688	.00015	.00159	.00055
%RSD	2.5942	1.8918	.10799	5.0944	.07585	.79963	.27208
#1	.19670	.20392	.19826	L.13020	.19736	.19937	.20147
#2	.20405	.19853	.19856	L.13993	.19715	.19712	.20069
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05040	.20040
SDev	.00006	.00239
%RSD	.11650	1.1944
#1	.05036	.19871
#2	.05045	.20209
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5749	--	--	--	--	--	--
SDev	24.28919	--	--	--	--	--	--
%RSD	.4224849	--	--	--	--	--	--
#1	5766	--	--	--	--	--	--
#2	5732	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856482 Operator: TWS
Run Time: 10/02/08 22:28:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98884	.02618	.00735	.00264	-.00028	.61882	.00006
SDev	.00064	.00122	.00030	.00003	.00001	.00009	.00005
%RSD	.06456	4.6498	4.1244	1.1988	3.9791	.01370	81.091
#1	.98929	.02532	.00756	.00261	-.00027	.61888	.00010
#2	.98839	.02704	.00713	.00266	-.00028	.61876	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.09923	.02802	2.4713	.09246	.14304	.02565
SDev	.00021	.00043	.00033	.0020	.00880	.00247	.00006
%RSD	33.174	.43688	1.1873	.08075	9.5203	1.7298	.25153
#1	.00049	.09954	.02778	2.4699	.08623	.14129	.02560
#2	.00078	.09892	.02825	2.4727	.09868	.14479	.02569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74184	.03188	.00087	.00537	.00387	-.00096	.02019
SDev	.02166	.00043	.00113	.00084	.00018	.00056	.00084
%RSD	2.9199	1.3468	129.50	15.588	4.7341	58.533	4.1478
#1	.72652	.03218	.00167	.00478	.00374	-.00056	.01960
#2	.75715	.03158	.00007	.00597	.00400	-.00135	.02078
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00585	.00149	.01121	.00211	.00305	.03588	.00247
SDev	.00319	.00243	.00017	.00385	.00015	.00020	.00140
%RSD	54.503	163.34	1.5250	182.34	4.7868	.56647	56.658
#1	-.00810	.00321	.01109	.00484	.00315	.03602	.00148
#2	-.00360	-.00023	.01133	-.00061	.00295	.03574	.00346
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00006	.00301
SDev	.00038	.00080
%RSD	602.65	26.620
#1	-.00020	.00245
#2	.00033	.00358
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5689	--	--	--	--	--	--
SDev	7.106630	--	--	--	--	--	--
%RSD	.1249161	--	--	--	--	--	--
#1	5684	--	--	--	--	--	--
#2	5694	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856483 Operator: TWS
Run Time: 10/02/08 22:33:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49126	-.00008	.17076	.07309	-.00015	154.88	.00019
SDev	.00930	.00011	.00011	.00001	.00005	.48	.00008
%RSD	1.8925	131.23	.06288	.01752	32.460	.30967	40.728
#1	.49784	-.00016	.17084	.07308	-.00012	155.22	.00014
#2	.48469	-.00001	.17068	.07310	-.00019	154.54	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00172	.29233	.00743	1.1938	.94732	72.432	.23628
SDev	.00011	.00251	.00034	.0034	.00857	.073	.00096
%RSD	6.4232	.85816	4.5575	.28203	.90465	.10085	.40453
#1	.00180	.29411	.00719	1.1914	.94126	72.380	.23561
#2	.00164	.29056	.00767	1.1962	.95338	72.484	.23696
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H656.40	.08977	.00530	.00692	.00638	.00038	.00057
SDev	2.26	.00083	.00103	.00182	.00156	.00239	.00009
%RSD	.34496	.91990	19.436	26.273	24.383	629.79	16.008
#1	H654.80	.09035	.00457	.00564	.00528	-.00131	.00051
#2	H658.00	.08918	.00603	.00821	.00748	.00207	.00064
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00358	.00236	.01221	-.00562	.00420	.01548	-.00155
SDev	.00524	.00097	.00095	.00509	.00043	.00013	.00021
%RSD	146.44	41.180	7.7771	90.545	10.275	.82394	13.444
#1	-.00728	.00167	.01154	-.00202	.00389	.01539	-.00140
#2	.00013	.00304	.01288	-.00922	.00450	.01557	-.00170
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00025	.01176
SDev	.00051	.00105
%RSD	204.35	8.9345
#1	-.00061	.01101
#2	.00011	.01250
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5550	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.1547873	--	--	--	--	--	--
#1	5544	--	--	--	--	--	--
#2	5556	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856483/L (1:5) Operator: TWS
Run Time: 10/02/08 22:38:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10468	.00115	.03472	.01509	-.00007	32.196	.00007
SDev	.00150	.00333	.00040	.00003	.00002	.015	.00015
%RSD	1.4330	289.60	1.1563	.22545	25.337	.04735	198.58
#1	.10574	.00351	.03501	.01506	-.00006	32.185	-.00003
#2	.10362	-.00121	.03444	.01511	-.00009	32.207	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.06031	.00155	.23812	.16667	14.971	.04892
SDev	.00003	.00025	.00041	.00054	.01079	.014	.00013
%RSD	350.56	.41496	26.541	.22582	6.4724	.09289	.27281
#1	.00001	.06048	.00184	.23850	.17430	14.961	.04883
#2	-.00003	.06013	.00126	.23774	.15904	14.981	.04902
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	152.18	.01966	.00004	.00113	.00077	-.00058	.00336
SDev	.14	.00034	.00311	.00023	.00088	.00001	.00029
%RSD	.09463	1.7195	7744.4	20.297	114.64	2.1693	8.7290
#1	152.07	.01942	.00224	.00097	.00139	-.00058	.00356
#2	152.28	.01990	-.00216	.00130	.00015	-.00057	.00315
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00214	.00021	.00294	-.00067	.00102	.00190	.00012
SDev	.00188	.00096	.00018	.00417	.00028	.00035	.00001
%RSD	87.826	459.07	6.1997	620.62	28.053	18.274	8.4980
#1	-.00081	-.00047	.00307	-.00362	.00081	.00215	.00011
#2	-.00347	.00089	.00281	.00228	.00122	.00166	.00012
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00048	.00358
SDev	.00011	.00071
%RSD	23.134	19.722
#1	-.00056	.00308
#2	-.00040	.00408
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5559	--	--	--	--	--	--
SDev	33.41080	--	--	--	--	--	--
%RSD	.6010622	--	--	--	--	--	--
#1	5535	--	--	--	--	--	--
#2	5582	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 10:50:32 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/02/08 22:45:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.912	.49027	.49233	.49961	.50402	24.908	.49109
SDev	.032	.00168	.00197	.00049	.00026	.036	.00024
%RSD	.12730	.34340	.39977	.09878	.05104	.14640	.04887
#1	24.934	.49146	.49372	.49926	.50384	24.934	.49092
#2	24.890	.48908	.49094	.49996	.50420	24.882	.49126
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49134	.51186	.49605	24.543	25.536	25.177	.50696
SDev	.00118	.00118	.00059	.023	.072	.003	.00058
%RSD	.24028	.22950	.11961	.09227	.28025	.01199	.11499
#1	.49218	.51269	.49563	24.559	25.485	25.175	.50655
#2	.49051	.51103	.49647	24.527	25.586	25.179	.50738
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.845	.49455	.51285	.49921	.50375	.51378	.50556
SDev	.091	.00054	.00101	.00694	.00496	.00786	.00045
%RSD	.36758	.10900	.19672	1.3901	.98553	1.5300	.08954
#1	24.910	.49494	.51357	.50411	.50726	.51934	.50588
#2	24.781	.49417	.51214	.49430	.50024	.50822	.50524
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51764	.51186	.52089	Q.40953	.49205	.50567	.50123
SDev	.00599	.00880	.00024	.01517	.00035	.00144	.00064
%RSD	1.1577	1.7182	.04560	3.7042	.07099	.28459	.12758
#1	.52188	.51807	.52106	Q.39880	.49181	.50669	.50169
#2	.51340	.50564	.52072	Q.42025	.49230	.50466	.50078
Errors	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50258	.50574
SDev	.00087	.00317
%RSD	.17279	.62685
#1	.50320	.50350
#2	.50197	.50799
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5530	--	--	--	--	--	--
SDev	20.78887	--	--	--	--	--	--
%RSD	.3759255	--	--	--	--	--	--
#1	5515	--	--	--	--	--	--
#2	5545	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/02/08 22:50:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00394	.00145	.00029	.00002	-.00011	.00670	.00002
SDev	.00011	.00296	.00076	.00002	.00001	.00196	.00009
%RSD	2.6725	204.26	263.09	71.071	7.5853	29.165	420.15
#1	.00386	.00354	.00082	.00004	-.00011	.00532	-.00004
#2	.00401	-.00064	-.00025	.00001	-.00010	.00808	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	-.00067	.00001	.00954	-.00176	-.00186	.00005
SDev	.00034	.00051	.00008	.00857	.00073	.00129	.00010
%RSD	803.79	75.451	548.96	89.914	41.544	69.299	184.30
#1	.00020	-.00031	.00007	.01560	-.00125	-.00277	-.00002
#2	-.00028	-.00103	-.00004	.00347	-.00228	-.00095	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01045	.00088	-.00275	.00048	-.00060	.00074	.00136
SDev	.06262	.00042	.00034	.00049	.00021	.00200	.00331
%RSD	599.18	48.135	12.288	101.81	35.177	269.09	242.34
#1	-.03383	.00118	-.00251	.00013	-.00075	-.00067	-.00097
#2	.05473	.00058	-.00299	.00082	-.00045	.00216	.00370
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00594	.00409	.00018	H.02324	.00050	-.00214	.00030
SDev	.00161	.00220	.00032	.00492	.00014	.00000	.00123
%RSD	27.074	53.835	180.42	21.154	27.991	.20426	411.39
#1	-.00708	.00253	.00040	H.02672	.00060	-.00214	.00117
#2	-.00481	.00565	-.00005	.01977	.00040	-.00214	-.00057
Errors	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	.00139
SDev	.00002	.00188
%RSD	6.8684	135.42
#1	.00032	.00006
#2	.00035	.00272
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5600	--	--	--	--	--	--
SDev	21.63754	--	--	--	--	--	--
%RSD	.3863984	--	--	--	--	--	--
#1	5615	--	--	--	--	--	--
#2	5584	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856483/PS Operator: TWS
Run Time: 10/02/08 22:55:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.981	.21290	.37424	.28016	.20515	166.54	.20195
SDev	.009	.00119	.00306	.00003	.00047	.42	.00077
%RSD	.08105	.55956	.81756	.01213	.22788	.25414	.37977
#1	10.987	.21206	.37208	.28019	.20482	166.24	.20141
#2	10.975	.21375	.37640	.28014	.20548	166.84	.20249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20359	.50047	.21562	11.409	14.344	83.258	.44442
SDev	.00066	.00016	.00000	.009	.043	.312	.00129
%RSD	.32390	.03118	.00141	.07801	.30132	.37492	.29024
#1	.20312	.50036	.21563	11.403	14.313	83.037	.44351
#2	.20405	.50058	.21562	11.416	14.374	83.479	.44533
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H665.14	.28772	.20703	.21197	.21033	.21298	.21142
SDev	.18	.00030	.00225	.00030	.00095	.00782	.00261
%RSD	.02740	.10391	1.0851	.13976	.44962	3.6730	1.2362
#1	H665.01	.28751	.20545	.21176	.20966	.21851	.20957
#2	H665.27	.28793	.20862	.21218	.21100	.20745	.21326
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20668	.21614	.22048	.17124	.21039	.21894	.16162
SDev	.00199	.01074	.00012	.00445	.00013	.00128	.00246
%RSD	.96149	4.9695	.05613	2.6003	.05970	.58384	1.5203
#1	.20809	.22373	.22039	.16809	.21030	.21804	.15988
#2	.20528	.20854	.22057	.17439	.21048	.21985	.16335
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05225	.21822
SDev	.00032	.00169
%RSD	.61648	.77403
#1	.05248	.21703
#2	.05202	.21942
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5434	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2947526	--	--	--	--	--	--
#1	5422	--	--	--	--	--	--
#2	5445	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856484/MS Operator: TWS
Run Time: 10/02/08 23:00:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.748	.21530	.37924	.27545	.20491	166.93	.20136
SDev	.031	.00055	.00067	.00021	.00014	.36	.00011
%RSD	.28843	.25299	.17700	.07497	.07018	.21464	.05231
#1	10.770	.21569	.37971	.27559	.20501	167.19	.20144
#2	10.726	.21492	.37876	.27530	.20481	166.68	.20129
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20355	.35238	.21437	10.684	14.434	82.839	.43023
SDev	.00028	.00004	.00015	.017	.052	.117	.00061
%RSD	.13572	.01201	.07149	.15847	.35871	.14088	.14096
#1	.20375	.35235	.21448	10.696	14.471	82.921	.43066
#2	.20336	.35241	.21427	10.672	14.397	82.756	.42980
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H671.18	.22623	.20518	.20580	.20559	.21135	.21147
SDev	1.51	.00030	.00108	.00054	.00072	.00052	.00085
%RSD	.22505	.13336	.52600	.26334	.35063	.24736	.40109
#1	H672.25	.22644	.20442	.20542	.20509	.21098	.21087
#2	H670.11	.22601	.20595	.20618	.20610	.21172	.21207
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21131	.21137	.21289	.18245	.20805	.21436	.20528
SDev	.00398	.00120	.00011	.00872	.00023	.00075	.00098
%RSD	1.8820	.56977	.05209	4.7799	.11313	.34885	.47547
#1	.20850	.21222	.21297	.17628	.20821	.21488	.20458
#2	.21413	.21051	.21281	.18861	.20788	.21383	.20597
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05366	.21687
SDev	.00002	.00061
%RSD	.04248	.28356
#1	.05365	.21644
#2	.05368	.21731
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5481	--	--	--	--	--	--
SDev	9.333947	--	--	--	--	--	--
%RSD	.1702825	--	--	--	--	--	--
#1	5488	--	--	--	--	--	--
#2	5475	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856485/SD Operator: TWS
Run Time: 10/02/08 23:05:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.902	.21481	.37964	.27945	.20409	170.51	.20231
SDev	.022	.00373	.00037	.00022	.00082	.69	.00162
%RSD	.20285	1.7370	.09834	.07875	.40253	.40275	.79996
#1	10.886	.21217	.37937	.27929	.20351	170.02	.20117
#2	10.917	.21744	.37990	.27961	.20467	170.99	.20346
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20449	.41035	.21357	11.105	14.201	84.401	.44122
SDev	.00109	.00203	.00113	.040	.056	.310	.00147
%RSD	.53155	.49477	.53003	.36089	.39337	.36788	.33222
#1	.20372	.40891	.21277	11.076	14.162	84.182	.44019
#2	.20525	.41178	.21437	11.133	14.241	84.621	.44226
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H674.47	.25815	.20572	.20582	.20578	.21278	.21264
SDev	.08	.00067	.00210	.00117	.00148	.00242	.00092
%RSD	.01245	.26088	1.0224	.56917	.72005	1.1368	.43436
#1	H674.53	.25768	.20423	.20499	.20474	.21449	.21330
#2	H674.41	.25863	.20721	.20664	.20683	.21107	.21199
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21341	.21246	.21406	.19406	.20899	.21526	.20867
SDev	.00211	.00258	.00091	.01135	.00118	.00222	.00357
%RSD	.98718	1.2119	.42660	5.8498	.56601	1.0338	1.7102
#1	.21490	.21428	.21341	.18603	.20815	.21368	.20614
#2	.21192	.21064	.21470	.20209	.20982	.21683	.21119
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05326	.21595
SDev	.00055	.00189
%RSD	1.0306	.87401
#1	.05287	.21461
#2	.05365	.21728
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5454	--	--	--	--	--	--
SDev	11.45527	--	--	--	--	--	--
%RSD	.2100400	--	--	--	--	--	--
#1	5462	--	--	--	--	--	--
#2	5446	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856486 Operator: TWS
Run Time: 10/02/08 23:10:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05985	.00461	.34793	.08171	-.00016	75.121	.00010
SDev	.00408	.00134	.00019	.00000	.00007	.227	.00006
%RSD	6.8099	29.007	.05345	.00283	43.142	.30266	59.596
#1	.06273	.00366	.34780	.08170	-.00011	75.281	.00014
#2	.05697	.00555	.34806	.08171	-.00021	74.960	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00016	.00435	.51129	15.353	45.579	.10571
SDev	.00055	.00095	.00003	.00074	.168	.006	.00016
%RSD	147.23	581.53	.58621	.14396	1.0914	.01367	.14947
#1	.00077	.00051	.00437	.51182	15.234	45.584	.10560
#2	-.00002	-.00083	.00433	.51077	15.471	45.575	.10582
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.874	.00330	-.00167	.00202	.00079	.00118	-.00034
SDev	.093	.00004	.00297	.00054	.00135	.00263	.00168
%RSD	.33517	1.1611	177.88	26.495	169.68	222.71	492.37
#1	27.807	.00327	.00043	.00240	.00174	.00304	.00085
#2	27.940	.00332	-.00377	.00164	-.00016	-.00068	-.00153
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00146	.00112	.01595	.00091	.00466	.00064
SDev	.00107	.00340	.00001	.00537	.00015	.00015	.00020
%RSD	173.17	233.20	1.0072	33.636	16.112	3.3346	31.724
#1	.00137	.00387	.00111	.01975	.00101	.00477	.00050
#2	-.00014	-.00095	.00113	.01216	.00080	.00455	.00079
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00004	.00281
SDev	.00018	.00073
%RSD	414.68	25.872
#1	.00017	.00332
#2	-.00008	.00229
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5565	--	--	--	--	--	--
SDev	1.378651	--	--	--	--	--	--
%RSD	.0247719	--	--	--	--	--	--
#1	5566	--	--	--	--	--	--
#2	5564	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856487 Operator: TWS
Run Time: 10/02/08 23:15:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12113	.00213	.15642	.08015	-.00011	96.975	-.00003
SDev	.00947	.00095	.00153	.00005	.00007	.687	.00011
%RSD	7.8163	44.367	.97560	.05841	67.673	.70798	358.56
#1	.12783	.00146	.15750	.08012	-.00006	97.460	.00005
#2	.11444	.00280	.15534	.08019	-.00016	96.489	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	-.00054	.00286	.17473	8.9853	87.716	.04427
SDev	.00011	.00043	.00024	.00625	.1661	.098	.00007
%RSD	21.678	80.196	8.5081	3.5795	1.8488	.11191	.15269
#1	.00042	-.00023	.00303	.17915	8.8678	87.785	.04422
#2	.00057	-.00084	.00268	.17031	9.1027	87.647	.04432
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.618	.00252	-.00202	.00194	.00062	.00407	.00113
SDev	.179	.00051	.00131	.00017	.00055	.00014	.00134
%RSD	.18904	20.362	65.048	8.8081	88.329	3.4589	118.34
#1	94.491	.00288	-.00109	.00207	.00101	.00397	.00208
#2	94.744	.00216	-.00295	.00182	.00023	.00417	.00018
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.00551	.00240	.00810	.00144	.00250	-.00041
SDev	.00080	.00019	.00027	.00435	.00000	.00001	.00142
%RSD	66.915	3.4409	11.142	53.670	.16400	.34500	345.61
#1	.00063	.00564	.00259	.01117	.00144	.00250	.00059
#2	.00177	.00538	.00221	.00503	.00144	.00249	-.00141
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00001	.02734
SDev	.00007	.00033
%RSD	582.91	1.1989
#1	.00004	.02758
#2	-.00006	.02711
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5601	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1420330	--	--	--	--	--	--
#1	5595	--	--	--	--	--	--
#2	5606	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856489 Operator: TWS
Run Time: 10/02/08 23:21:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38833	.00051	.07421	.03470	-.00038	37.160	-.00022
SDev	.00551	.00093	.00075	.00007	.00004	.115	.00015
%RSD	1.4193	183.26	1.0033	.21034	9.3559	.30920	70.185
#1	.39223	.00117	.07474	.03475	-.00035	37.241	-.00033
#2	.38443	-.00015	.07369	.03465	-.00040	37.079	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00739	.00270	.38121	2.3019	1.1227	.00955
SDev	.00017	.00018	.00005	.00331	.0108	.0059	.00002
%RSD	228.15	2.4035	1.7647	.86692	.46990	.52181	.20246
#1	.00019	.00752	.00273	.37888	2.2942	1.1186	.00953
#2	-.00004	.00727	.00267	.38355	2.3095	1.1269	.00956
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.293	.00342	-.00007	.00156	.00102	.00015	-.00071
SDev	.092	.00111	.00026	.00095	.00072	.00371	.00139
%RSD	.50264	32.486	397.40	60.681	70.626	2465.9	195.38
#1	18.358	.00421	-.00025	.00089	.00051	-.00247	-.00169
#2	18.228	.00264	.00012	.00224	.00153	.00278	.00027
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	.00140	.01331	.00110	.01762	.00323	-.00030
SDev	.00150	.00482	.00048	.00288	.00054	.00014	.00040
%RSD	63.910	344.40	3.5858	262.90	3.0605	4.3869	133.36
#1	-.00341	-.00201	.01365	.00313	.01801	.00333	-.00058
#2	-.00129	.00481	.01298	-.00094	.01724	.00313	-.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00002	.00189
SDev	.00009	.00095
%RSD	576.49	50.447
#1	.00008	.00256
#2	-.00005	.00121
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5647	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.1972194	--	--	--	--	--	--
#1	5655	--	--	--	--	--	--
#2	5639	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856490 Operator: TWS
Run Time: 10/02/08 23:26:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05175	.00120	.25400	.05825	.00025	34.837	-.00021
SDev	.02484	.00048	.02254	.00499	.00069	3.164	.00001
%RSD	48.008	40.054	8.8744	8.5712	279.43	9.0815	3.9146
#1	.06931	.00086	.26994	.06178	.00073	37.075	-.00021
#2	.03418	.00154	.23806	.05472	-.00024	32.600	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00747	-.00071	.00028	9.7367	1.5252	9.2004	4.1895
SDev	.00092	.00008	.00055	.8744	.0953	.8085	.3574
%RSD	12.311	10.623	195.66	8.9804	6.2463	8.7881	8.5318
#1	.00812	-.00077	-.00011	10.355	1.5926	9.7721	4.4423
#2	.00682	-.00066	.00067	9.1185	1.4579	8.6286	3.9368
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.619	.00387	-.00354	.00192	.00010	-.00435	.00063
SDev	1.642	.00044	.00146	.00025	.00065	.00397	.00113
%RSD	7.5966	11.429	41.147	13.046	645.01	91.381	180.06
#1	22.781	.00356	-.00457	.00174	-.00036	-.00154	-.00017
#2	20.458	.00418	-.00251	.00210	.00056	-.00716	.00143
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00759	-.00273	.00118	.00378	.00108	.00269	.00126
SDev	.00052	.00622	.00014	.00231	.00038	.00042	.00014
%RSD	6.7920	228.14	11.768	61.107	35.631	15.631	11.259
#1	-.00796	.00167	.00128	.00542	.00135	.00299	.00136
#2	-.00723	-.00712	.00108	.00215	.00081	.00240	.00116
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	.00222
SDev	.00028	.00069
%RSD	104.00	31.228
#1	-.00047	.00173
#2	-.00007	.00271
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5363	--	--	--	--	--	--
SDev	363.7004	--	--	--	--	--	--
%RSD	6.781059	--	--	--	--	--	--
#1	5106	--	--	--	--	--	--
#2	5621	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856491 Operator: TWS
Run Time: 10/02/08 23:31:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01758	.00170	.21806	.30499	-.00016	191.35	.00010
SDev	.00354	.00072	.00012	.00119	.00004	1.10	.00022
%RSD	20.157	42.310	.05258	.38891	21.795	.57701	228.36
#1	.02009	.00119	.21798	.30415	-.00019	190.57	-.00006
#2	.01508	.00220	.21815	.30583	-.00014	192.13	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	-.00085	.00238	2.6680	7.4440	57.285	3.8848
SDev	.00040	.00034	.00044	.0190	.1427	.509	.0371
%RSD	40.331	39.945	18.430	.71399	1.9164	.88803	.95539
#1	.00127	-.00061	.00207	2.6545	7.3431	56.925	3.8585
#2	.00071	-.00109	.00269	2.6814	7.5448	57.645	3.9110
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	304.56	.00860	-.00189	.00094	-.00000	.00018	.00119
SDev	2.03	.00019	.00129	.00066	.00001	.00162	.00215
%RSD	.66580	2.1721	68.432	70.816	285.63	914.86	180.21
#1	303.12	.00874	-.00280	.00140	.00000	-.00097	.00271
#2	305.99	.00847	-.00097	.00047	-.00001	.00133	-.00033
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00011	.00026	-.00183	-.00007	.01758	.00226
SDev	.00171	.00158	.00020	.00224	.00088	.00055	.00000
%RSD	560.77	1388.6	77.953	122.75	1252.3	3.1312	.13042
#1	-.00090	-.00101	.00040	-.00342	.00055	.01797	.00226
#2	.00151	.00123	.00012	-.00024	-.00069	.01719	.00226
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00033	.00106
SDev	.00010	.00059
%RSD	29.952	55.557
#1	-.00041	.00064
#2	-.00026	.00148
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5540	--	--	--	--	--	--
SDev	21.53154	--	--	--	--	--	--
%RSD	.3886226	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5525	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856492 Operator: TWS
Run Time: 10/02/08 23:36:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32690	.00109	.00843	.00149	-.00039	.61165	.00043
SDev	.00605	.00060	.00088	.00000	.00003	.01150	.00010
%RSD	1.8504	55.434	10.409	.11846	8.9914	1.8803	22.112
#1	.33117	.00152	.00781	.00150	-.00036	.61978	.00036
#2	.32262	.00066	.00905	.00149	-.00041	.60352	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00006	.00156	.06251	.32201	.13292	.00782
SDev	.00014	.00015	.00026	.00764	.00103	.00373	.00017
%RSD	45.876	270.99	16.711	12.231	.32033	2.8030	2.1643
#1	.00020	.00005	.00137	.06792	.32274	.13556	.00794
#2	.00039	-.00017	.00174	.05710	.32128	.13029	.00770
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23969	.00105	.08919	.09129	.09059	.00038	.00041
SDev	.26128	.00015	.00027	.00147	.00107	.00622	.00079
%RSD	109.01	14.060	.30257	1.6110	1.1820	1659.1	193.66
#1	.42444	.00116	.08939	.09233	.09135	-.00403	.00097
#2	.05494	.00095	.08900	.09025	.08984	.00478	-.00015
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00230	.00171	.00081	-.00211	.00048	.41203	.00034
SDev	.00690	.00589	.00006	.00244	.00043	.00028	.00040
%RSD	300.24	343.94	6.7669	115.78	88.212	.06773	116.88
#1	-.00718	-.00245	.00085	-.00384	.00079	.41222	.00062
#2	.00258	.00587	.00077	-.00038	.00018	.41183	.00006
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00016	-.00004
SDev	.00033	.00043
%RSD	207.87	1024.7
#1	-.00008	.00026
#2	.00040	-.00034
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5708	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.1040671	--	--	--	--	--	--
#1	5703	--	--	--	--	--	--
#2	5712	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856493 Operator: TWS
Run Time: 10/02/08 23:41:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98206	.00345	.05472	.05596	-.00049	26.074	.05426
SDev	.00664	.00165	.00005	.00023	.00001	.082	.00007
%RSD	.67626	47.746	.09572	.41662	1.6539	.31476	.12511
#1	.97736	.00461	.05468	.05579	-.00049	26.016	.05422
#2	.98675	.00228	.05476	.05612	-.00050	26.132	.05431
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00319	1.4195	.19015	38.293	3.8272	3.1780	.68675
SDev	.00009	.0039	.00013	.134	.0147	.0088	.00190
%RSD	2.8372	.27691	.06843	.35102	.38387	.27628	.27660
#1	.00325	1.4167	.19024	38.197	3.8168	3.1717	.68540
#2	.00312	1.4222	.19006	38.388	3.8376	3.1842	.68809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.208	.01404	.00315	-.00036	.00081	.00218	.00097
SDev	.287	.00066	.00193	.00202	.00070	.00109	.00039
%RSD	.69726	4.7305	61.257	554.29	87.224	49.948	40.311
#1	41.004	.01451	.00179	.00106	.00130	.00295	.00124
#2	41.411	.01357	.00452	-.00179	.00031	.00141	.00069
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00558	.00048	.00166	-.00518	.00275	.04905	.00055
SDev	.00338	.00006	.00003	.00331	.00044	.00060	.00001
%RSD	60.655	11.811	1.7856	63.856	15.968	1.2145	2.0714
#1	.00797	.00044	.00168	-.00751	.00306	.04863	.00054
#2	.00319	.00052	.00164	-.00284	.00244	.04947	.00056
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00210	.01040
SDev	.00023	.00056
%RSD	10.901	5.3634
#1	.00227	.01080
#2	.00194	.01001
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5887	--	--	--	--	--	--
SDev	34.25946	--	--	--	--	--	--
%RSD	.5819091	--	--	--	--	--	--
#1	5863	--	--	--	--	--	--
#2	5912	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 11:54:19 PM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/02/08 23:49:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.960	.49378	.49442	.49809	.50378	25.006	.49369
SDev	.017	.00010	.00492	.00052	.00062	.041	.00210
%RSD	.06703	.02047	.99407	.10529	.12343	.16467	.42584
#1	24.971	.49371	.49095	.49846	.50334	24.977	.49221
#2	24.948	.49385	.49790	.49772	.50422	25.035	.49518
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49288	.51241	.49560	24.608	25.397	25.204	.50634
SDev	.00163	.00018	.00052	.063	.063	.073	.00096
%RSD	.33158	.03564	.10467	.25744	.24710	.29060	.18945
#1	.49173	.51228	.49597	24.563	25.353	25.153	.50566
#2	.49404	.51254	.49523	24.653	25.442	25.256	.50702
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.668	.49861	.51208	.50399	.50668	.51396	.50992
SDev	.084	.00157	.00200	.00043	.00038	.00441	.00062
%RSD	.34193	.31444	.39078	.08526	.07496	.85886	.12202
#1	24.608	.49750	.51067	.50429	.50641	.51084	.51036
#2	24.728	.49972	.51350	.50368	.50695	.51708	.50948
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52663	.50763	.52210	.45772	.49380	.50772	.50294
SDev	.00462	.00431	.00021	.02455	.00078	.00230	.00239
%RSD	.87628	.84982	.03939	5.3627	.15827	.45256	.47553
#1	.52337	.50458	.52195	Q.44036	.49325	.50610	.50125
#2	.52989	.51068	.52224	.47508	.49436	.50935	.50463
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50208	.50551
SDev	.00046	.00252
%RSD	.09246	.49774
#1	.50241	.50373
#2	.50175	.50729
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5542	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1378077	--	--	--	--	--	--
#1	5536	--	--	--	--	--	--
#2	5547	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 11:59:24 PM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/02/08 23:54:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00139	.00127	.00007	-.00007	.01066	.00025
SDev	.00489	.00136	.00057	.00002	.00004	.00286	.00008
%RSD	2179.2	97.731	45.245	25.802	49.282	26.860	30.319
#1	.00324	.00043	.00086	.00006	-.00010	.00864	.00030
#2	-.00368	.00235	.00168	.00009	-.00005	.01269	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	-.00070	.00035	.00652	.00782	.00474	.00017
SDev	.00003	.00004	.00013	.00087	.01010	.00080	.00007
%RSD	6.8064	5.7548	37.475	13.275	129.19	16.873	39.651
#1	-.00049	-.00073	.00045	.00591	.01495	.00530	.00012
#2	-.00054	-.00067	.00026	.00713	.00068	.00417	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03932	.00137	-.00067	-.00006	-.00026	.00092	.00007
SDev	.01421	.00069	.00273	.00030	.00071	.00250	.00241
%RSD	36.133	50.329	403.88	531.33	270.02	271.28	3463.7
#1	.04937	.00186	.00125	-.00027	.00024	-.00085	.00177
#2	.02928	.00088	-.00260	.00016	-.00076	.00269	-.00163
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00354	.00315	-.00023	.01719	-.00032	-.00137	.00030
SDev	.00020	.00385	.00005	.00616	.00014	.00015	.00082
%RSD	5.5423	122.12	19.703	35.842	44.905	10.791	272.54
#1	-.00340	.00043	-.00020	H.02154	-.00042	-.00126	.00088
#2	-.00367	.00587	-.00027	.01283	-.00022	-.00147	-.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	.00060
SDev	.00053	.00115
%RSD	195.48	191.76
#1	.00010	.00142
#2	-.00065	-.00021
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5605	--	--	--	--	--	--
SDev	21.84953	--	--	--	--	--	--
%RSD	.3897978	--	--	--	--	--	--
#1	5621	--	--	--	--	--	--
#2	5590	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856494 Operator: TWS
Run Time: 10/02/08 23:59:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02009	.00166	.07510	.05888	-.00020	28.168	.05886
SDev	.00810	.00244	.00142	.00019	.00009	.075	.00015
%RSD	40.330	146.52	1.8932	.32554	43.556	.26574	.24953
#1	.02582	-.00006	.07410	.05875	-.00014	28.115	.05875
#2	.01436	.00339	.07611	.05902	-.00026	28.221	.05896
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.06213	.00605	.13560	4.0593	3.6124	.43216
SDev	.00006	.00039	.00032	.00990	.0837	.0246	.00359
%RSD	8.2016	.62770	5.3025	7.3032	2.0609	.68087	.82958
#1	.00079	.06186	.00582	.14260	4.0001	3.5950	.42963
#2	.00071	.06241	.00627	.12860	4.1184	3.6297	.43470
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.967	.01663	.00039	-.00156	-.00091	.00025	-.00224
SDev	.397	.00025	.00153	.00208	.00088	.00067	.00246
%RSD	.92383	1.4890	391.31	133.57	96.580	265.11	109.60
#1	42.686	.01645	-.00069	-.00009	-.00029	.00072	-.00050
#2	43.247	.01681	.00147	-.00303	-.00153	-.00022	-.00398
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00034	.00010	.00288	.00009	.05066	-.00139
SDev	.00125	.00037	.00001	.00476	.00043	.00025	.00062
%RSD	1761.5	109.67	11.691	165.37	500.33	.49508	44.390
#1	.00095	.00061	.00009	.00624	.00039	.05048	-.00183
#2	-.00081	.00008	.00011	-.00049	-.00022	.05084	-.00096
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.00103
SDev	.00022	.00038
%RSD	116.70	36.589
#1	-.00034	.00077
#2	-.00003	.00130
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5640	--	--	--	--	--	--
SDev	22.38021	--	--	--	--	--	--
%RSD	.3968069	--	--	--	--	--	--
#1	5624	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856495 Operator: TWS
Run Time: 10/03/08 00:04:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01192	.00203	.00474	.00001	-.00022	.07282	-.00005
SDev	.00232	.00128	.00010	.00000	.00004	.00336	.00005
%RSD	19.500	63.041	2.0769	7.9316	18.336	4.6116	102.13
#1	.01357	.00294	.00467	.00001	-.00019	.07520	-.00009
#2	.01028	.00113	.00481	.00001	-.00025	.07045	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.00062	.00041	.01563	.00912	-.00571	.00019
SDev	.00053	.00008	.00027	.00512	.01001	.00176	.00003
%RSD	235.29	12.464	64.823	32.775	109.78	30.794	16.272
#1	.00060	-.00056	.00022	.01925	.01620	-.00447	.00022
#2	-.00015	-.00067	.00060	.01200	.00204	-.00696	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09901	.00143	-.00231	.00173	.00038	.00028	.00084
SDev	.14561	.00019	.00211	.00033	.00048	.00363	.00202
%RSD	147.06	13.020	91.488	19.095	126.15	1283.9	240.58
#1	-.20197	.00129	-.00380	.00196	.00004	.00285	-.00059
#2	.00395	.00156	-.00081	.00149	.00072	-.00228	.00227
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00036	.00036	-.00632	.00040	-.00059	.00058
SDev	.00305	.00392	.00015	.00086	.00000	.00032	.00245
%RSD	2560.8	1075.0	43.183	13.576	.70538	54.526	418.84
#1	.00228	.00313	.00047	-.00693	.00040	-.00082	.00231
#2	-.00204	-.00240	.00025	-.00571	.00040	-.00036	-.00115
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00008	.00115
SDev	.00038	.00058
%RSD	463.85	50.612
#1	-.00035	.00074
#2	.00019	.00156
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5598	--	--	--	--	--	--
SDev	18.98589	--	--	--	--	--	--
%RSD	.3391412	--	--	--	--	--	--
#1	5612	--	--	--	--	--	--
#2	5585	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856496 Operator: TWS
Run Time: 10/03/08 00:09:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03302	.03013	.21246	.09526	-.00011	111.28	-.00030
SDev	.00021	.00003	.00148	.00006	.00001	.22	.00001
%RSD	.64653	.09405	.69677	.05805	5.1083	.19368	3.0027
#1	.03287	.03011	.21142	.09522	-.00011	111.13	-.00030
#2	.03317	.03015	.21351	.09530	-.00010	111.43	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	-.00060	-.00063	15.957	6.0008	33.729	4.3404
SDev	.00028	.00054	.00011	.003	.0708	.093	.0157
%RSD	20.572	89.041	17.387	.01734	1.1791	.27460	.36218
#1	.00156	-.00022	-.00071	15.959	5.9507	33.663	4.3292
#2	.00116	-.00098	-.00056	15.955	6.0508	33.794	4.3515
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.196	.00284	-.00224	-.00011	-.00082	-.00011	.00113
SDev	.044	.00038	.00190	.00000	.00063	.00113	.00216
%RSD	.17596	13.349	84.755	.46678	76.856	1025.2	191.29
#1	25.164	.00311	-.00358	-.00011	-.00127	-.00091	.00266
#2	25.227	.00258	-.00090	-.00011	-.00038	.00069	-.00040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00264	.00116	.00032	-.00215	.00046	.00186	.00106
SDev	.00469	.00065	.00038	.00379	.00001	.00061	.00061
%RSD	177.50	56.116	115.34	176.71	1.1644	32.769	58.016
#1	-.00596	.00161	.00006	-.00483	.00046	.00143	.00062
#2	.00067	.00070	.00059	.00054	.00045	.00229	.00149
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00013	.00231
SDev	.00002	.00193
%RSD	12.304	83.583
#1	-.00014	.00368
#2	-.00012	.00094
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5598	--	--	--	--	--	--
SDev	18.77389	--	--	--	--	--	--
%RSD	.3353454	--	--	--	--	--	--
#1	5585	--	--	--	--	--	--
#2	5612	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856497 Operator: TWS
Run Time: 10/03/08 00:16:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02167	.01661	.01911	.15448	-.00041	59.717	.00004
SDev	.00190	.00116	.00091	.00095	.00001	.357	.00004
%RSD	8.7476	6.9964	4.7782	.61459	2.4931	.59849	100.23
#1	.02033	.01578	.01847	.15381	-.00040	59.464	.00001
#2	.02301	.01743	.01976	.15516	-.00042	59.969	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	-.00023	.00156	.21396	.94890	12.038	.23320
SDev	.00057	.00035	.00013	.00216	.01804	.102	.00200
%RSD	211.58	154.26	8.5545	1.0100	1.9009	.85043	.85811
#1	-.00068	-.00048	.00147	.21548	.93614	11.966	.23179
#2	.00013	.00002	.00166	.21243	.96165	12.111	.23462
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1963	.00183	-.00063	.00136	.00069	.00017	-.00031
SDev	.0346	.00007	.00169	.00080	.00003	.00088	.00080
%RSD	.66645	4.1159	267.16	59.304	3.8022	517.18	258.44
#1	5.2207	.00178	.00056	.00079	.00071	-.00045	-.00088
#2	5.1718	.00188	-.00183	.00193	.00068	.00080	.00026
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.00064	.00043	-.00539	.00019	.00322	.00016
SDev	.00331	.00298	.00025	.00251	.00029	.00014	.00020
%RSD	433.10	466.82	59.035	46.594	155.93	4.4271	123.18
#1	.00158	-.00147	.00025	-.00361	-.00002	.00332	.00002
#2	-.00311	.00275	.00060	-.00716	.00039	.00312	.00030
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00033	.00159
SDev	.00009	.00139
%RSD	26.973	87.293
#1	-.00039	.00061
#2	-.00027	.00257
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5650	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1896194	--	--	--	--	--	--
#1	5657	--	--	--	--	--	--
#2	5642	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856498 Operator: TWS
Run Time: 10/03/08 00:21:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09293	.01711	.05905	.11287	-.00020	131.26	-.00015
SDev	.00530	.00014	.00109	.00051	.00004	.19	.00006
%RSD	5.7080	.83399	1.8431	.44907	20.953	.14540	41.048
#1	.09668	.01721	.05828	.11251	-.00017	131.40	-.00019
#2	.08918	.01701	.05982	.11323	-.00022	131.13	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	-.00131	.00014	7.3629	2.0652	35.448	10.105
SDev	.00035	.00008	.00027	.0177	.0116	.022	.014
%RSD	19.314	6.0443	187.20	.24051	.56037	.06342	.13750
#1	.00205	-.00125	-.00005	7.3755	2.0570	35.432	10.096
#2	.00156	-.00136	.00033	7.3504	2.0734	35.464	10.115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.650	.00374	-.00360	.00159	-.00014	-.00105	-.00100
SDev	.106	.00066	.00051	.00174	.00099	.00137	.00025
%RSD	.41287	17.773	14.191	109.35	729.79	130.61	25.183
#1	25.575	.00421	-.00396	.00282	.00057	-.00008	-.00117
#2	25.725	.00327	-.00324	.00036	-.00084	-.00201	-.00082
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00112	-.00101	.00223	-.00274	.00064	.00128	.00135
SDev	.00080	.00245	.00113	.00449	.00029	.00062	.00081
%RSD	71.645	242.76	50.662	163.67	44.998	48.370	59.981
#1	-.00169	.00072	.00303	-.00592	.00085	.00171	.00078
#2	-.00055	-.00275	.00143	.00043	.00044	.00084	.00192
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00037	.00092
SDev	.00022	.00231
%RSD	60.348	249.35
#1	-.00021	.00255
#2	-.00053	-.00071
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5611	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1323320	--	--	--	--	--	--
#1	5616	--	--	--	--	--	--
#2	5605	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856499 Operator: TWS
Run Time: 10/03/08 00:26:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12154	.00845	.07328	.04366	-.00023	88.725	.00035
SDev	.00626	.00030	.00019	.00020	.00003	.234	.00035
%RSD	5.1537	3.4972	.26048	.45817	14.726	.26415	99.455
#1	.12597	.00866	.07342	.04380	-.00020	88.890	.00010
#2	.11711	.00824	.07315	.04352	-.00025	88.559	.00060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	-.00018	.00061	2.5541	3.9126	25.502	1.6009
SDev	.00005	.00030	.00008	.0251	.0514	.032	.0006
%RSD	2.4703	170.72	12.719	.98314	1.3130	.12591	.03589
#1	.00209	.00004	.00055	2.5719	3.8763	25.525	1.6013
#2	.00216	-.00039	.00066	2.5364	3.9490	25.479	1.6005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.5174	.00404	.00159	-.00179	-.00067	.00006	.00045
SDev	.0380	.00057	.00214	.00173	.00044	.00109	.00276
%RSD	.50496	14.037	134.19	96.481	66.415	1720.6	612.55
#1	7.4905	.00364	.00008	-.00057	-.00035	.00084	-.00150
#2	7.5442	.00444	.00311	-.00302	-.00098	-.00071	.00241
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00437	.00228	.00158	-.00860	.00045	.00357	.01847
SDev	.00287	.00308	.00058	.00366	.00015	.00043	.00032
%RSD	65.755	134.89	36.698	42.541	32.979	12.044	1.7039
#1	-.00640	.00446	.00117	-.00601	.00055	.00326	.01825
#2	-.00234	.00011	.00199	L-.01118	.00034	.00387	.01870
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.00079
SDev	.00007	.00217
%RSD	36.252	276.02
#1	-.00024	-.00075
#2	-.00014	.00232
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5573	--	--	--	--	--	--
SDev	32.24379	--	--	--	--	--	--
%RSD	.5785767	--	--	--	--	--	--
#1	5550	--	--	--	--	--	--
#2	5596	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856500 Operator: TWS
Run Time: 10/03/08 00:31:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31989	.01341	.02863	.03455	-.00029	67.509	.00023
SDev	.00752	.00255	.00092	.00002	.00003	.095	.00006
%RSD	2.3505	19.040	3.2022	.06622	11.100	.14086	27.809
#1	.32521	.01521	.02928	.03457	-.00026	67.576	.00027
#2	.31458	.01160	.02798	.03454	-.00031	67.442	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.00002	.00101	2.9493	.96011	13.189	2.0113
SDev	.00023	.00033	.00016	.0151	.00236	.001	.0006
%RSD	17.312	1851.9	15.568	.51097	.24557	.01067	.02880
#1	.00115	-.00022	.00113	2.9600	.95844	13.188	2.0117
#2	.00147	.00025	.00090	2.9387	.96178	13.190	2.0109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9053	.00461	-.00011	.00082	.00051	.00040	-.00177
SDev	.0793	.00000	.00101	.00131	.00053	.00267	.00264
%RSD	.89021	.01811	882.34	159.92	105.44	665.25	149.21
#1	8.9614	.00461	.00060	-.00011	.00013	.00229	.00010
#2	8.8493	.00461	-.00083	.00174	.00089	-.00149	-.00364
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00129	.00125	.00676	-.00730	.00083	.00203	.00060
SDev	.00460	.00171	.00036	.00088	.00014	.00031	.00080
%RSD	356.70	137.18	5.3471	12.003	17.162	15.097	134.76
#1	.00196	.00246	.00650	-.00792	.00093	.00225	.00116
#2	-.00454	.00004	.00702	-.00668	.00073	.00182	.00003
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00038	.00161
SDev	.00008	.00038
%RSD	21.019	23.651
#1	-.00032	.00134
#2	-.00044	.00188
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5674	--	--	--	--	--	--
SDev	2.014978	--	--	--	--	--	--
%RSD	.0355136	--	--	--	--	--	--
#1	5675	--	--	--	--	--	--
#2	5672	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856501 Operator: TWS
Run Time: 10/03/08 00:36:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02866	.00313	.05157	.07823	-.00026	107.59	.00002
SDev	.00104	.00025	.00180	.00141	.00009	1.52	.00018
%RSD	3.6310	8.0335	3.4830	1.8011	36.464	1.4165	1044.5
#1	.02939	.00330	.05284	.07923	-.00019	108.67	-.00011
#2	.02792	.00295	.05030	.07723	-.00032	106.51	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00008	.00134	.06293	2.6963	19.691	.06139
SDev	.00054	.00053	.00071	.00684	.0209	.300	.00152
%RSD	2216.5	702.80	52.749	10.872	.77697	1.5221	2.4826
#1	-.00041	-.00045	.00084	.05809	2.7112	19.903	.06246
#2	.00036	.00030	.00184	.06776	2.6815	19.479	.06031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.943	.00194	.00050	.00092	.00078	-.00087	.00195
SDev	.221	.00010	.00016	.00033	.00027	.00283	.00343
%RSD	1.0053	5.3397	31.507	35.478	34.635	326.37	175.37
#1	22.099	.00201	.00061	.00115	.00097	.00114	-.00047
#2	21.787	.00187	.00039	.00069	.00059	-.00287	.00438
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	-.00185	.00046	-.00669	-.00001	.05706	.00066
SDev	.00128	.00361	.00023	.00102	.00029	.00032	.00023
%RSD	116.22	195.13	50.271	15.296	2058.4	.56257	34.771
#1	.00200	.00070	.00029	-.00597	-.00022	.05729	.00050
#2	.00020	-.00441	.00062	-.00742	.00019	.05683	.00082
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.00216
SDev	.00027	.00032
%RSD	400.51	14.957
#1	-.00026	.00239
#2	.00013	.00194
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5584	--	--	--	--	--	--
SDev	87.50446	--	--	--	--	--	--
%RSD	1.566938	--	--	--	--	--	--
#1	5523	--	--	--	--	--	--
#2	5646	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856546/PB Operator: TWS
Run Time: 10/03/08 00:44:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	.00069	.00426	-.00002	-.00038	.06147	-.00007
SDev	.00235	.00095	.00034	.00007	.00011	.00036	.00003
%RSD	189.52	137.91	8.1112	392.93	28.271	.58519	51.840
#1	.00290	.00002	.00450	.00003	-.00045	.06121	-.00009
#2	-.00042	.00136	.00401	-.00007	-.00030	.06172	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	-.00050	.00007	-.00734	.00987	.00125	.00012
SDev	.00078	.00067	.00032	.00522	.00811	.00033	.00000
%RSD	210.19	133.71	440.36	71.169	82.223	26.266	3.3213
#1	.00018	-.00003	.00030	-.00365	.01560	.00149	.00012
#2	-.00092	-.00098	-.00015	-.01103	.00413	.00102	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08110	.00105	-.00158	-.00071	-.00100	-.00119	.00026
SDev	.03728	.00007	.00092	.00055	.00067	.00108	.00332
%RSD	45.975	7.0841	58.080	77.938	67.461	91.090	1298.0
#1	.05473	.00111	-.00093	-.00032	-.00052	-.00042	-.00209
#2	.10746	.00100	-.00223	-.00110	-.00148	-.00196	.00260
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00170	-.00094	-.00014	L-.01054	.00008	-.00074	.00004
SDev	.00552	.00114	.00006	.00022	.00043	.00018	.00003
%RSD	325.33	121.52	41.339	2.0897	509.90	25.142	62.607
#1	.00221	-.00174	-.00010	L-.01039	.00038	-.00087	.00006
#2	-.00560	-.00013	-.00019	L-.01070	-.00022	-.00060	.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00049	-.00022
SDev	.00018	.00095
%RSD	35.888	439.53
#1	-.00037	.00046
#2	-.00062	-.00089
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5669	--	--	--	--	--	--
SDev	63.53327	--	--	--	--	--	--
%RSD	1.120650	--	--	--	--	--	--
#1	5714	--	--	--	--	--	--
#2	5624	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856545/FB Operator: TWS
Run Time: 10/03/08 00:49:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.016	.20570	.20254	.20240	.20144	10.104	.20039
SDev	.014	.00114	.00245	.00104	.00105	.018	.00013
%RSD	.14062	.55633	1.2076	.51279	.52300	.17911	.06413
#1	10.006	.20489	.20081	.20166	.20070	10.116	.20030
#2	10.026	.20650	.20427	.20313	.20219	10.091	.20048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20057	.20064	.20005	10.004	10.410	10.125	.20204
SDev	.00075	.00037	.00112	.021	.134	.038	.00105
%RSD	.37304	.18309	.55799	.21059	1.2830	.37230	.52036
#1	.20110	.20090	.19926	10.019	10.316	10.098	.20130
#2	.20004	.20038	.20084	9.9896	10.505	10.152	.20279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.030	.19948	.19998	.20430	.20286	.20356	.20240
SDev	.223	.00020	.00199	.00115	.00143	.00114	.00067
%RSD	2.2246	.10137	.99613	.56281	.70505	.56178	.33224
#1	9.8721	.19934	.20139	.20512	.20388	.20275	.20193
#2	10.188	.19963	.19857	.20349	.20185	.20437	.20288
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20364	.20352	.20049	.17551	.19921	.20139	.20011
SDev	.00120	.00112	.00015	.01049	.00019	.00091	.00103
%RSD	.58980	.54776	.07339	5.9777	.09535	.45309	.51388
#1	.20279	.20273	.20039	L.16809	.19907	.20074	.19938
#2	.20449	.20431	.20059	.18293	.19934	.20203	.20084
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05093	.20216
SDev	.00017	.00027
%RSD	.32649	.13214
#1	.05105	.20235
#2	.05081	.20197
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5725	--	--	--	--	--	--
SDev	29.80448	--	--	--	--	--	--
%RSD	.5206455	--	--	--	--	--	--
#1	5746	--	--	--	--	--	--
#2	5703	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 01:02:33 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/03/08 00:57:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.582	.48631	.48644	.49158	.49767	24.650	.48682
SDev	.070	.00167	.00112	.00121	.00497	.063	.00037
%RSD	.28492	.34418	.22962	.24600	.99919	.25487	.07544
#1	24.632	.48749	.48565	.49072	.49415	24.694	.48708
#2	24.533	.48513	.48723	.49243	.50119	24.605	.48656
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48553	.50607	.48793	24.277	25.055	24.904	.49948
SDev	.00121	.00027	.00349	.035	.368	.155	.00330
%RSD	.24884	.05328	.71498	.14402	1.4699	.62043	.66012
#1	.48467	.50626	.48546	24.302	24.795	24.795	.49715
#2	.48638	.50588	.49039	24.253	25.316	25.014	.50181
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.461	.49154	.50054	.49565	.49728	.50903	.50171
SDev	.025	.00055	.00351	.00126	.00201	.00143	.00314
%RSD	.10286	.11223	.70065	.25509	.40443	.28092	.62519
#1	24.478	.49193	.49806	.49476	.49586	.51004	.50392
#2	24.443	.49115	.50302	.49655	.49870	.50802	.49949
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51056	.50827	.51455	.49370	.48704	.50289	.49547
SDev	.00401	.00014	.00021	.02017	.00146	.00191	.00113
%RSD	.78464	.02793	.04071	4.0850	.29895	.38032	.22790
#1	.51340	.50837	.51440	.47944	.48807	.50154	.49627
#2	.50773	.50817	.51470	.50796	.48601	.50425	.49467
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49620	.50269
SDev	.00036	.00333
%RSD	.07279	.66167
#1	.49595	.50034
#2	.49646	.50504
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5609	--	--	--	--	--	--
SDev	26.41016	--	--	--	--	--	--
%RSD	.4708260	--	--	--	--	--	--
#1	5628	--	--	--	--	--	--
#2	5591	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 01:07:38 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/03/08 01:02:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01071	.00115	.00151	.00022	.00014	.01468	.00018
SDev	.00862	.00124	.00055	.00004	.00004	.00327	.00022
%RSD	80.476	107.94	36.534	16.474	27.514	22.296	122.12
#1	.01680	.00027	.00190	.00024	.00017	.01700	.00033
#2	.00461	.00203	.00112	.00019	.00011	.01237	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00014	.00051	.01020	.01338	.01404	.00027
SDev	.00032	.00032	.00008	.00259	.00961	.00333	.00007
%RSD	101.66	227.07	15.920	25.392	71.773	23.730	24.716
#1	-.00009	.00008	.00056	.01204	.02018	.01639	.00031
#2	-.00055	-.00036	.00045	.00837	.00659	.01168	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05322	-.00011	.00002	.00051	.00035	.00041	.00104
SDev	.08658	.00046	.00130	.00112	.00118	.00124	.00093
%RSD	162.69	437.36	5720.9	220.81	341.28	303.94	90.105
#1	.11444	.00022	-.00090	-.00029	-.00049	-.00047	.00169
#2	-.00801	-.00043	.00095	.00130	.00118	.00129	.00038
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	.00106	.00018	.01722	.00009	-.00146	-.00029
SDev	.00125	.00249	.00009	.00387	.00044	.00032	.00082
%RSD	140.52	235.20	48.109	22.471	472.80	21.632	278.56
#1	-.00001	-.00070	.00025	.01996	.00040	-.00168	.00029
#2	-.00177	.00281	.00012	.01449	-.00022	-.00124	-.00087
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00011	.00075
SDev	.00026	.00078
%RSD	249.02	104.14
#1	.00008	.00020
#2	-.00029	.00130
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5557	--	--	--	--	--	--
SDev	3.499971	--	--	--	--	--	--
%RSD	.0629885	--	--	--	--	--	--
#1	5559	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856523 Operator: TWS
Run Time: 10/03/08 01:07:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00396	.00233	.00382	.00046	-.00031	.09185	.00009
SDev	.00762	.00155	.00010	.00011	.00008	.00128	.00012
%RSD	192.54	66.439	2.7233	23.223	24.605	1.3924	140.07
#1	.00934	.00343	.00389	.00054	-.00026	.09275	.00000
#2	-.00143	.00124	.00374	.00038	-.00037	.09095	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.00069	.00054	.01675	.01421	.02533	.00010
SDev	.00024	.00056	.00045	.00171	.00515	.00274	.00010
%RSD	137.72	81.729	83.039	10.235	36.212	10.805	99.959
#1	.00000	-.00109	.00022	.01796	.01057	.02726	.00003
#2	.00035	-.00029	.00086	.01553	.01785	.02339	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11066	.00102	-.00277	.00062	-.00051	.00187	-.00022
SDev	.03483	.00040	.00258	.00285	.00104	.00062	.00012
%RSD	31.480	38.663	93.182	462.55	204.42	33.014	55.084
#1	.08602	.00130	-.00459	.00263	.00023	.00230	-.00031
#2	.13529	.00074	-.00094	-.00140	-.00125	.00143	-.00014
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.00282	.00016	-.00409	.00059	-.00018	.00074
SDev	.00050	.00068	.00001	.00159	.00000	.00000	.00262
%RSD	1268.6	23.915	6.7431	38.905	.17100	1.2425	352.31
#1	.00031	.00330	.00016	-.00522	.00059	-.00018	-.00111
#2	-.00039	.00234	.00017	-.00297	.00059	-.00018	.00260
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	-.00001
SDev	.00039	.00048
%RSD	553.05	5211.8
#1	.00035	.00033
#2	-.00020	-.00035
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5647	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0751282	--	--	--	--	--	--
#1	5644	--	--	--	--	--	--
#2	5650	--	--	--	--	--	--

Analysis Report 10/03/08 01:17:49 AM page 1

Method: TRACE1 Sample Name: AD856524 Operator: TWS
Run Time: 10/03/08 01:12:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01081	.00429	.55068	.01277	-.00017	107.31	.00011
SDev	.00065	.00051	.00432	.00010	.00002	.02	.00014
%RSD	6.0142	11.991	.78473	.74058	9.7985	.02174	119.67
#1	.01035	.00392	.54763	.01271	-.00016	107.32	.00021
#2	.01127	.00465	.55374	.01284	-.00019	107.29	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00088	.00113	.11332	1.5428	35.036	.00952
SDev	.00033	.00012	.00027	.00246	.0092	.094	.00001
%RSD	368.22	13.165	23.597	2.1729	.59716	.26711	.09341
#1	.00032	-.00080	.00131	.11158	1.5363	34.970	.00952
#2	-.00014	-.00097	.00094	.11506	1.5493	35.102	.00951
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	151.08	.00190	-.00207	.00028	-.00050	.00312	.00091
SDev	.00	.00098	.00158	.00171	.00167	.00316	.00154
%RSD	.00070	51.741	76.530	617.45	330.71	101.22	169.44
#1	151.08	.00259	-.00095	.00148	.00067	.00535	-.00018
#2	151.09	.00120	-.00319	-.00093	-.00168	.00089	.00200
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00460	.00001	-.00248	.00038	.00043	.00029
SDev	.00278	.00334	.00004	.00249	.00000	.00000	.00141
%RSD	1798.4	72.732	306.10	100.41	.34222	.94739	485.34
#1	.00212	.00696	-.00002	-.00072	.00038	.00044	.00129
#2	-.00181	.00223	.00005	-.00424	.00038	.00043	-.00071
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00031	.21129
SDev	.00012	.00191
%RSD	39.702	.90357
#1	-.00040	.20994
#2	-.00022	.21264
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5638	--	--	--	--	--	--
SDev	5.196959	--	--	--	--	--	--
%RSD	.0921802	--	--	--	--	--	--
#1	5634	--	--	--	--	--	--
#2	5642	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856525 Operator: TWS
Run Time: 10/03/08 01:17:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09027	.00149	.51302	.01287	-.00039	101.39	-.00017
SDev	.00155	.00176	.00303	.00007	.00004	.43	.00007
%RSD	1.7208	117.49	.59084	.55337	10.669	.42586	42.134
#1	.09137	.00025	.51087	.01282	-.00042	101.09	-.00021
#2	.08917	.00274	.51516	.01292	-.00036	101.70	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	-.00061	.00107	.05904	1.6997	33.903	.04642
SDev	.00003	.00056	.00019	.01388	.0377	.218	.00032
%RSD	6.5377	92.553	17.749	23.507	2.2199	.64400	.68193
#1	.00045	-.00100	.00093	.04923	1.6730	33.748	.04620
#2	.00049	-.00021	.00120	.06885	1.7264	34.057	.04665
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	125.05	.00255	-.00179	.00118	.00019	.00297	-.00029
SDev	.62	.00045	.00070	.00001	.00023	.00169	.00222
%RSD	.49944	17.626	39.073	.69428	120.71	57.069	775.94
#1	124.61	.00223	-.00229	.00118	.00003	.00177	.00129
#2	125.49	.00286	-.00130	.00117	.00035	.00416	-.00186
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	.00505	.00258	-.00772	.00058	.00865	.00151
SDev	.00455	.00026	.00001	.00132	.00029	.00070	.00100
%RSD	379.17	5.1937	.24363	17.068	50.403	8.0537	66.383
#1	-.00442	.00487	.00258	-.00679	.00037	.00816	.00222
#2	.00202	.00524	.00257	-.00866	.00078	.00914	.00080
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	.20867
SDev	.00041	.00236
%RSD	192.59	1.1312
#1	-.00051	.20700
#2	.00008	.21034
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5698	--	--	--	--	--	--
SDev	38.60810	--	--	--	--	--	--
%RSD	.6775669	--	--	--	--	--	--
#1	5725	--	--	--	--	--	--
#2	5671	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856525/L (1:5) Operator: TWS
Run Time: 10/03/08 01:23:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01735	.00250	.10176	.00262	-.00024	20.553	-.00012
SDev	.00019	.00013	.00109	.00002	.00002	.054	.00000
%RSD	1.1081	5.1483	1.0657	.70370	6.4124	.26156	.40985
#1	.01722	.00259	.10100	.00261	-.00023	20.591	-.00012
#2	.01749	.00241	.10253	.00263	-.00025	20.515	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.00030	.00025	.01560	.31413	6.8441	.00947
SDev	.00050	.00045	.00050	.00340	.00101	.0006	.00003
%RSD	650.16	147.95	199.30	21.756	.32255	.00882	.36810
#1	-.00043	-.00062	-.00010	.01800	.31485	6.8437	.00945
#2	.00028	.00001	.00060	.01320	.31342	6.8445	.00950
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.073	.00098	-.00280	.00040	-.00067	.00058	-.00205
SDev	.002	.00009	.00112	.00162	.00071	.00236	.00305
%RSD	.00635	9.6497	40.099	407.65	106.46	408.89	148.92
#1	25.074	.00091	-.00360	.00155	-.00016	.00224	-.00420
#2	25.072	.00104	-.00201	-.00075	-.00117	-.00109	.00011
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00420	.00296	.00069	-.00761	.00053	-.00009	-.00017
SDev	.00287	.00497	.00016	.00025	.00015	.00046	.00020
%RSD	68.286	167.59	23.621	3.2901	27.392	499.24	115.25
#1	-.00623	.00648	.00081	-.00743	.00043	-.00042	-.00003
#2	-.00217	-.00055	.00058	-.00778	.00063	.00023	-.00032
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00000	.04264
SDev	.00000	.00168
%RSD	74.165	3.9279
#1	-.00000	.04146
#2	-.00000	.04383
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5671	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0261862	--	--	--	--	--	--
#1	5672	--	--	--	--	--	--
#2	5670	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856525/PS Operator: TWS
Run Time: 10/03/08 01:28:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.403	.21302	.71598	.22117	.20958	111.70	.20470
SDev	.045	.00327	.00575	.00063	.00021	.23	.00015
%RSD	.42851	1.5357	.80306	.28442	.09954	.20980	.07507
#1	10.435	.21071	.72005	.22162	.20943	111.87	.20459
#2	10.371	.21533	.71192	.22073	.20972	111.54	.20480
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20563	.20598	.20761	10.409	13.106	44.430	.25670
SDev	.00012	.00012	.00050	.026	.126	.012	.00047
%RSD	.05854	.05822	.23910	.24596	.96475	.02630	.18232
#1	.20572	.20607	.20726	10.427	13.016	44.422	.25637
#2	.20555	.20590	.20796	10.391	13.195	44.439	.25703
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	134.93	.20504	.20503	.20390	.20427	.21313	.21217
SDev	.03	.00051	.00371	.00478	.00196	.00097	.00062
%RSD	.02013	.24703	1.8099	2.3459	.95694	.45649	.29296
#1	134.95	.20540	.20240	.20728	.20566	.21381	.21261
#2	134.91	.20469	.20765	.20052	.20289	.21244	.21173
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21684	.21127	.21074	.19006	.20822	.21443	.16552
SDev	.00284	.00288	.00099	.00507	.00087	.00067	.00142
%RSD	1.3085	1.3622	.47158	2.6670	.41743	.31448	.85485
#1	.21483	.21331	.21145	.18648	.20883	.21395	.16652
#2	.21884	.20924	.21004	.19365	.20760	.21490	.16452
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05226	.41614
SDev	.00077	.00103
%RSD	1.4729	.24861
#1	.05280	.41540
#2	.05171	.41687
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5540	--	--	--	--	--	--
SDev	27.04684	--	--	--	--	--	--
%RSD	.4882342	--	--	--	--	--	--
#1	5521	--	--	--	--	--	--
#2	5559	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856526/MS Operator: TWS
Run Time: 10/03/08 01:33:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.530	.21953	.74030	.22537	.21181	115.63	.20698
SDev	.046	.00141	.00226	.00068	.00079	.60	.00035
%RSD	.43258	.64082	.30503	.29963	.37384	.52041	.17048
#1	10.562	.22053	.74189	.22585	.21237	116.06	.20723
#2	10.498	.21854	.73870	.22490	.21125	115.20	.20673
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20929	.20809	.21051	10.511	13.366	45.880	.26102
SDev	.00059	.00171	.00128	.030	.006	.217	.00104
%RSD	.27981	.81966	.60693	.28672	.04188	.47202	.39999
#1	.20971	.20929	.21141	10.533	13.362	46.033	.26176
#2	.20888	.20688	.20960	10.490	13.370	45.727	.26028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	138.23	.20569	.20908	.20886	.20893	.21284	.21364
SDev	.16	.00002	.00537	.00055	.00215	.00138	.00000
%RSD	.11920	.00896	2.5668	.26431	1.0316	.64983	.00048
#1	138.35	.20568	.21287	.20925	.21046	.21186	.21364
#2	138.11	.20570	.20528	.20847	.20741	.21382	.21365
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20847	.21503	.21203	.20324	.20872	.21685	.21016
SDev	.00237	.00089	.00109	.00749	.00021	.00196	.00180
%RSD	1.1364	.41399	.51293	3.6865	.09951	.90451	.85511
#1	.20680	.21440	.21280	.19794	.20886	.21823	.21143
#2	.21015	.21566	.21126	.20854	.20857	.21546	.20889
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05333	.42778
SDev	.00062	.00142
%RSD	1.1604	.33095
#1	.05290	.42678
#2	.05377	.42878
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5527	--	--	--	--	--	--
SDev	9.439944	--	--	--	--	--	--
%RSD	.1708069	--	--	--	--	--	--
#1	5520	--	--	--	--	--	--
#2	5533	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856527/SD Operator: TWS
Run Time: 10/03/08 01:38:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.055	.21209	.71811	.21648	.20626	112.43	.19941
SDev	.030	.00279	.00289	.00073	.00132	.48	.00070
%RSD	.30277	1.3162	.40216	.33860	.63926	.42434	.35032
#1	10.034	.21011	.71606	.21597	.20532	112.09	.19892
#2	10.077	.21406	.72015	.21700	.20719	112.77	.19990
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20236	.20196	.20682	10.188	12.961	44.751	.25457
SDev	.00053	.00171	.00144	.041	.054	.259	.00141
%RSD	.26357	.84604	.69786	.40515	.41369	.57852	.55480
#1	.20198	.20076	.20580	10.159	12.923	44.568	.25358
#2	.20274	.20317	.20784	10.217	12.999	44.934	.25557
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	136.62	.19970	.20379	.20085	.20183	.20809	.20555
SDev	.23	.00061	.00371	.00121	.00204	.00040	.00202
%RSD	.16892	.30516	1.8211	.60425	1.0134	.19431	.98082
#1	136.46	.19927	.20116	.19999	.20038	.20838	.20412
#2	136.79	.20013	.20641	.20171	.20327	.20781	.20697
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21154	.20637	.20602	.20225	.20257	.21024	.20146
SDev	.00147	.00134	.00084	.00230	.00043	.00063	.00081
%RSD	.69725	.65125	.40704	1.1378	.21403	.29733	.40378
#1	.21050	.20732	.20542	.20063	.20226	.20979	.20088
#2	.21259	.20542	.20661	.20388	.20287	.21068	.20203
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05146	.41757
SDev	.00006	.00256
%RSD	.11642	.61256
#1	.05142	.41576
#2	.05151	.41938
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5570	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0019030	--	--	--	--	--	--
#1	5570	--	--	--	--	--	--
#2	5570	--	--	--	--	--	--

Analysis Report 10/03/08 01:48:16 AM page 1

Method: TRACE1 Sample Name: AD856528 Operator: TWS
Run Time: 10/03/08 01:43:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01234	.00428	.48549	.01840	-.00008	80.138	-.00002
SDev	.00241	.00027	.00242	.00000	.00005	.250	.00028
%RSD	19.490	6.2150	.49920	.00598	69.884	.31239	1193.2
#1	.01404	.00409	.48378	.01840	-.00004	80.315	.00018
#2	.01064	.00447	.48721	.01840	-.00012	79.961	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	-.00072	.00162	.00325	1.5768	28.533	.05002
SDev	.00026	.00026	.00035	.00952	.0038	.092	.00017
%RSD	34.984	35.520	21.502	292.90	.23922	.32096	.33532
#1	.00056	-.00054	.00187	-.00348	1.5795	28.598	.05014
#2	.00093	-.00090	.00138	.00998	1.5741	28.468	.04990
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	167.42	.00306	-.00207	.00164	.00041	-.00017	.00176
SDev	.15	.00031	.00242	.00069	.00127	.00050	.00262
%RSD	.08877	9.9929	116.53	42.296	312.21	289.85	148.59
#1	167.32	.00328	-.00036	.00214	.00130	.00018	.00362
#2	167.53	.00285	-.00378	.00115	-.00049	-.00052	-.00009
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00213	.00081	.00038	.00465	.00067	.00114	-.00167
SDev	.01062	.00457	.00027	.00461	.00058	.00032	.00082
%RSD	498.46	564.61	70.735	99.166	86.881	27.706	49.173
#1	.00538	-.00242	.00019	.00791	.00026	.00136	-.00225
#2	-.00964	.00404	.00057	.00139	.00108	.00092	-.00109
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00029	.29479
SDev	.00016	.00081
%RSD	54.874	.27414
#1	-.00040	.29422
#2	-.00018	.29537
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5556	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0057294	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5556	--	--	--	--	--	--

Analysis Report 10/03/08 01:53:20 AM page 1

Method: TRACE1 Sample Name: AD856529 Operator: TWS
Run Time: 10/03/08 01:48:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01211	.00485	.52196	.01177	-.00011	162.31	.00001
SDev	.00130	.00098	.00117	.00003	.00002	.35	.00006
%RSD	10.732	20.164	.22400	.26598	20.851	.21659	760.66
#1	.01120	.00554	.52279	.01175	-.00013	162.06	.00005
#2	.01303	.00416	.52114	.01179	-.00009	162.56	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.00060	.00346	-.00054	1.8696	51.036	.11200
SDev	.00008	.00020	.00063	.00002	.0124	.063	.00025
%RSD	13.670	33.448	18.213	4.1808	.66288	.12372	.21953
#1	.00063	-.00045	.00390	-.00055	1.8784	50.991	.11182
#2	.00052	-.00074	.00301	-.00052	1.8609	51.080	.11217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	196.81	.00305	-.00066	.00041	.00005	-.00144	.00092
SDev	.50	.00002	.00038	.00173	.00103	.00147	.00140
%RSD	.25520	.66940	57.158	426.18	1968.0	102.35	151.60
#1	197.17	.00307	-.00039	-.00082	-.00068	-.00248	-.00007
#2	196.46	.00304	-.00092	.00163	.00078	-.00040	.00192
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00411	-.00010	.00016	-.00288	.00029	.00595	.00042
SDev	.00353	.00397	.00003	.00421	.00014	.00013	.00021
%RSD	86.051	3922.5	21.196	146.04	49.940	2.1134	50.599
#1	-.00161	-.00291	.00014	.00009	.00019	.00586	.00027
#2	-.00661	.00271	.00018	-.00586	.00039	.00604	.00057
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00047	.21217
SDev	.00030	.00179
%RSD	62.659	.84323
#1	-.00068	.21344
#2	-.00026	.21091
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	18.87989	--	--	--	--	--	--
%RSD	.3398750	--	--	--	--	--	--
#1	5542	--	--	--	--	--	--
#2	5568	--	--	--	--	--	--

Analysis Report 10/03/08 01:58:25 AM page 1

Method: TRACE1 Sample Name: AD856530 Operator: TWS
Run Time: 10/03/08 01:53:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01857	.00470	.56064	.01495	-.00027	121.92	-.00007
SDev	.00533	.00185	.00037	.00002	.00005	.26	.00005
%RSD	28.707	39.399	.06553	.14027	16.974	.21167	66.788
#1	.02234	.00339	.56038	.01497	-.00024	122.10	-.00004
#2	.01480	.00601	.56090	.01494	-.00030	121.74	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00026	.00158	.00353	1.9649	38.909	.01029
SDev	.00012	.00064	.00008	.00770	.0080	.013	.00016
%RSD	39.762	247.49	5.0335	218.43	.40716	.03455	1.6035
#1	.00039	.00071	.00164	-.00192	1.9592	38.900	.01041
#2	.00022	-.00019	.00152	.00897	1.9705	38.919	.01017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	178.43	.00183	-.00307	.00120	-.00022	-.00236	.00238
SDev	.17	.00044	.00130	.00127	.00041	.00256	.00345
%RSD	.09724	23.789	42.543	105.70	184.57	108.62	145.13
#1	178.31	.00152	-.00214	.00030	-.00051	-.00417	.00482
#2	178.56	.00214	-.00399	.00209	.00007	-.00055	-.00006
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00642	-.00032	.00015	-.00307	.00089	.00132	.00078
SDev	.00156	.00462	.00013	.00105	.00014	.00031	.00101
%RSD	24.346	1423.9	85.615	34.257	16.096	23.473	130.30
#1	-.00531	-.00359	.00006	-.00382	.00100	.00110	.00149
#2	-.00752	.00294	.00025	-.00233	.00079	.00154	.00006
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.21324
SDev	.00027	.00044
%RSD	396.02	.20401
#1	.00012	.21293
#2	-.00026	.21355
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5627	--	--	--	--	--	--
SDev	1.167002	--	--	--	--	--	--
%RSD	.0207381	--	--	--	--	--	--
#1	5626	--	--	--	--	--	--
#2	5628	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 02:06:27 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/03/08 02:01:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.601	.48494	.48522	.49048	.49587	24.699	.48561
SDev	.020	.00136	.00219	.00172	.00251	.041	.00063
%RSD	.07981	.28133	.45131	.34977	.50673	.16796	.13003
#1	24.587	.48398	.48367	.48927	.49409	24.728	.48606
#2	24.615	.48591	.48677	.49169	.49765	24.669	.48516
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48526	.50690	.48679	24.282	24.815	24.827	.49856
SDev	.00063	.00046	.00365	.043	.452	.052	.00189
%RSD	.13042	.09097	.75087	.17560	1.8197	.20967	.37911
#1	.48481	.50722	.48420	24.313	24.495	24.790	.49723
#2	.48571	.50657	.48937	24.252	25.134	24.864	.49990
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.370	.49114	.50212	.49412	.49678	.50317	.49923
SDev	.247	.00198	.00278	.00064	.00136	.00015	.00020
%RSD	1.0140	.40394	.55328	.13050	.27280	.03000	.04096
#1	24.195	.49254	.50409	.49457	.49774	.50327	.49938
#2	24.545	.48974	.50016	.49366	.49582	.50306	.49909
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50568	.50192	.51442	.50714	.48732	.50047	.49292
SDev	.00072	.00013	.00084	.02024	.00048	.00159	.00503
%RSD	.14235	.02659	.16305	3.9913	.09883	.31841	1.0212
#1	.50619	.50182	.51383	.49283	.48766	.49934	.49648
#2	.50517	.50201	.51502	.52145	.48698	.50159	.48936
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49447	.49817
SDev	.00159	.00564
%RSD	.32070	1.1317
#1	.49335	.49418
#2	.49559	.50216
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5615	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2549902	--	--	--	--	--	--
#1	5626	--	--	--	--	--	--
#2	5605	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 02:11:32 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/03/08 02:06:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00415	.00257	.00148	.00025	-.00002	.02396	.00034
SDev	.01139	.00089	.00069	.00005	.00004	.00710	.00004
%RSD	274.59	34.778	46.773	21.542	189.05	29.630	11.857
#1	.00391	.00320	.00099	.00021	.00001	.02898	.00031
#2	-.01220	.00194	.00197	.00029	-.00005	.01894	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	-.00023	.00079	.01384	.01515	.01236	.00019
SDev	.00034	.00008	.00032	.00088	.01649	.00542	.00003
%RSD	221.11	35.209	40.724	6.3377	108.84	43.815	17.212
#1	-.00009	-.00028	.00056	.01322	.02682	.01619	.00017
#2	.00039	-.00017	.00102	.01446	.00349	.00853	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13216	.00060	-.00005	.00013	.00007	.00211	.00254
SDev	.02028	.00086	.00024	.00126	.00076	.00251	.00241
%RSD	15.341	143.73	440.16	986.60	1135.2	119.14	94.974
#1	.14650	-.00001	.00012	-.00076	-.00047	.00389	.00083
#2	.11783	.00120	-.00023	.00102	.00061	.00033	.00425
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00537	.00585	.00010	.01662	.00019	-.00147	.00159
SDev	.00253	.00250	.00003	.00613	.00029	.00063	.00184
%RSD	47.069	42.824	33.086	36.885	150.34	42.869	115.43
#1	-.00358	.00762	.00008	H.02095	.00040	-.00192	.00289
#2	-.00716	.00408	.00012	.01228	-.00001	-.00102	.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00069	.00043
SDev	.00064	.00063
%RSD	93.600	144.39
#1	-.00023	.00088
#2	-.00114	-.00001
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5582	--	--	--	--	--	--
SDev	7.318279	--	--	--	--	--	--
%RSD	.1310973	--	--	--	--	--	--
#1	5588	--	--	--	--	--	--
#2	5577	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856531 Operator: TWS
Run Time: 10/03/08 02:11:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00802	.00181	.31746	.19541	.00065	592.85	.00001
SDev	.00094	.00196	.00421	.00096	.00004	1.39	.00005
%RSD	11.676	107.97	1.3268	.49348	6.1642	.23432	1019.1
#1	-.00735	.00320	.32044	.19610	.00068	593.83	-.00003
#2	-.00868	.00043	.31449	.19473	.00062	591.87	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00951	-.00040	.00453	1.5616	32.308	315.45	1.6681
SDev	.00019	.00037	.00013	.0268	.412	2.13	.0119
%RSD	2.0165	92.843	2.9212	1.7189	1.2752	.67492	.71192
#1	.00938	-.00066	.00463	1.5806	32.600	316.95	1.6765
#2	.00965	-.00014	.00444	1.5426	32.017	313.94	1.6597
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2258.9	.01152	-.00441	-.00026	-.00164	-.00076	.00001
SDev	2.3	.00013	.00042	.00246	.00150	.00048	.00143
%RSD	.10391	1.1662	9.4703	947.09	91.342	62.656	14438.
#1	H2260.6	.01161	-.00470	.00148	-.00058	-.00042	.00102
#2	H2257.2	.01142	-.00411	-.00200	-.00270	-.00110	-.00100
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	-.00094	-.00021	-.00093	.00055	.02214	-.00543
SDev	.00430	.00144	.00007	.00308	.00016	.00043	.00137
%RSD	1067.6	152.70	33.919	329.55	28.523	1.9291	25.183
#1	.00264	-.00195	-.00016	-.00311	.00044	.02244	-.00639
#2	-.00344	.00007	-.00026	.00124	.00066	.02184	-.00446
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00056	.00901
SDev	.00082	.00142
%RSD	145.30	15.765
#1	.00002	.01001
#2	-.00114	.00801
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5033	--	--	--	--	--	--
SDev	15.59157	--	--	--	--	--	--
%RSD	.3098037	--	--	--	--	--	--
#1	5022	--	--	--	--	--	--
#2	5044	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856532 Operator: TWS
Run Time: 10/03/08 02:16:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00936	.00132	.61701	.01163	-.00008	159.77	-.00020
SDev	.00096	.00092	.00054	.00008	.00005	.21	.00011
%RSD	10.287	69.754	.08689	.69919	65.785	.13054	51.945
#1	.01004	.00067	.61739	.01169	-.00004	159.91	-.00013
#2	.00868	.00198	.61663	.01158	-.00012	159.62	-.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00007	.00440	.00602	5.3873	128.78	.09775
SDev	.00034	.00019	.00038	.00523	.0205	.12	.00019
%RSD	58.996	268.33	8.6672	86.892	.38041	.09025	.19828
#1	.00082	.00020	.00467	.00972	5.4018	128.86	.09761
#2	.00034	-.00006	.00413	.00232	5.3728	128.70	.09788
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	321.21	.00680	-.00265	-.00097	-.00153	-.00004	-.00118
SDev	1.13	.00098	.00018	.00212	.00148	.00141	.00041
%RSD	.35082	14.347	6.7090	218.87	96.473	3261.4	34.464
#1	322.01	.00611	-.00252	.00053	-.00049	-.00104	-.00089
#2	320.41	.00749	-.00278	-.00247	-.00257	.00096	-.00147
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00364	.00176	-.00002	-.00588	.00097	.00124	.00076
SDev	.00010	.00217	.00015	.00148	.00045	.00003	.00001
%RSD	2.8613	123.64	831.13	25.186	46.262	2.6118	.95077
#1	-.00357	.00022	.00009	-.00692	.00129	.00126	.00076
#2	-.00371	.00329	-.00013	-.00483	.00065	.00122	.00077
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.04670
SDev	.00017	.00032
%RSD	85.986	.68685
#1	-.00008	.04693
#2	-.00031	.04648
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5511	--	--	--	--	--	--
SDev	37.75978	--	--	--	--	--	--
%RSD	.6851151	--	--	--	--	--	--
#1	5485	--	--	--	--	--	--
#2	5538	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856533 Operator: TWS
Run Time: 10/03/08 02:21:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00874	.00183	.17793	.03150	-.00030	90.248	-.00022
SDev	.00494	.00179	.00256	.00025	.00006	.650	.00018
%RSD	56.550	97.722	1.4374	.79054	19.624	.72048	83.997
#1	.01224	.00309	.17974	.03167	-.00026	90.707	-.00009
#2	.00525	.00056	.17612	.03132	-.00035	89.788	-.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00000	.00059	-.00320	2.5250	51.280	.00109
SDev	.00028	.00007	.00003	.00922	.0055	.347	.00009
%RSD	190.47	2987.4	4.3548	288.07	.21652	.67750	8.4440
#1	.00035	-.00005	.00057	.00332	2.5288	51.525	.00102
#2	-.00005	.00005	.00061	-.00972	2.5211	51.034	.00115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.746	.00226	-.00422	.00163	-.00032	.00010	.00032
SDev	.058	.00017	.00310	.00113	.00028	.00267	.00047
%RSD	.13009	7.3913	73.589	69.059	89.118	2548.3	149.06
#1	44.787	.00237	-.00641	.00243	-.00052	.00199	.00065
#2	44.705	.00214	-.00202	.00083	-.00012	-.00178	-.00002
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00265	.00148	.00005	-.00903	.00061	.00052	.00077
SDev	.00305	.00553	.00005	.00191	.00057	.00016	.00199
%RSD	115.36	373.47	115.95	21.137	93.053	31.295	258.34
#1	-.00480	.00539	.00008	-.00768	.00101	.00064	-.00064
#2	-.00049	-.00243	.00001	L-.01038	.00021	.00041	.00218
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00003	.03066
SDev	.00043	.00164
%RSD	1479.1	5.3547
#1	.00033	.03182
#2	-.00028	.02949
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5729	--	--	--	--	--	--
SDev	16.54623	--	--	--	--	--	--
%RSD	.2888254	--	--	--	--	--	--
#1	5717	--	--	--	--	--	--
#2	5740	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856534 Operator: TWS
Run Time: 10/03/08 02:26:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	.00271	.15037	.03731	-.00025	157.80	-.00006
SDev	.00313	.00004	.00101	.00030	.00003	.45	.00011
%RSD	218.63	1.4574	.67326	.80833	12.386	.28749	190.09
#1	.00365	.00268	.15109	.03753	-.00023	158.12	-.00014
#2	-.00078	.00274	.14966	.03710	-.00028	157.48	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.00018	.00055	-.00073	3.4271	92.051	.06953
SDev	.00006	.00046	.00021	.00346	.0012	.304	.00017
%RSD	7.6910	249.05	38.304	473.71	.03431	.33031	.24401
#1	.00072	.00051	.00040	-.00318	3.4263	92.266	.06965
#2	.00081	-.00014	.00069	.00172	3.4280	91.836	.06941
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.097	.00595	-.00185	.00120	.00018	.00385	.00029
SDev	.263	.00011	.00138	.00148	.00145	.00225	.00199
%RSD	.75032	1.8066	74.878	123.93	792.30	58.471	688.19
#1	35.283	.00587	-.00087	.00225	.00121	.00544	-.00112
#2	34.910	.00602	-.00283	.00015	-.00084	.00226	.00170
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00165	.00660	-.00022	-.00791	.00041	.00059	-.00036
SDev	.00435	.00120	.00022	.00334	.00000	.00081	.00002
%RSD	263.33	18.171	103.55	42.167	.92239	136.32	5.6282
#1	.00142	.00744	-.00037	-.00555	.00041	.00116	-.00038
#2	-.00473	.00575	-.00006	L-.01027	.00041	.00002	-.00035
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00027	.01930
SDev	.00026	.00110
%RSD	94.039	5.6812
#1	-.00009	.01852
#2	-.00045	.02007
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5641	--	--	--	--	--	--
SDev	42.63840	--	--	--	--	--	--
%RSD	.7558191	--	--	--	--	--	--
#1	5611	--	--	--	--	--	--
#2	5672	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856535 Operator: TWS
Run Time: 10/03/08 02:31:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00290	-.00049	.00396	.00000	-.00043	.10708	.00000
SDev	.00301	.00019	.00163	.00007	.00005	.00226	.00010
%RSD	103.68	39.290	41.189	1690.9	11.369	2.1096	6993.9
#1	.00503	-.00035	.00511	.00005	-.00039	.10868	.00007
#2	.00077	-.00062	.00281	-.00005	-.00046	.10549	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.00048	.00004	.00707	.01324	.02876	.00000
SDev	.00025	.00082	.00062	.00669	.00136	.00543	.00003
%RSD	87.225	171.45	1478.2	94.679	10.267	18.886	13134.
#1	-.00047	.00010	.00048	.01180	.01228	.03260	.00002
#2	-.00011	-.00106	-.00040	.00234	.01420	.02492	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00156	-.00292	-.00043	-.00126	-.00203	.00096
SDev	.16602	.00022	.00168	.00144	.00040	.00511	.00274
%RSD	13067.	14.047	57.470	338.02	32.048	251.38	286.51
#1	.11867	.00172	-.00173	-.00144	-.00154	-.00564	.00289
#2	-.11613	.00141	-.00410	.00059	-.00097	.00158	-.00098
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00238	-.00186	-.00011	L-.01178	.00008	-.00013	.00119
SDev	.00356	.00588	.00010	.00380	.00042	.00016	.00000
%RSD	149.69	316.53	89.854	32.218	518.64	119.54	.28433
#1	-.00490	-.00602	-.00004	L-.01447	-.00022	-.00002	.00119
#2	.00014	.00230	-.00017	-.00910	.00038	-.00025	.00120
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00033	.00052
SDev	.00005	.00150
%RSD	15.632	287.27
#1	-.00036	.00158
#2	-.00029	-.00054
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5760	--	--	--	--	--	--
SDev	15.06124	--	--	--	--	--	--
%RSD	.2615002	--	--	--	--	--	--
#1	5749	--	--	--	--	--	--
#2	5770	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856536 Operator: TWS
Run Time: 10/03/08 02:37:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.02950	.20908	.09275	-.00041	108.11	-.00032
SDev	.00855	.00021	.00267	.00022	.00000	.06	.00009
%RSD	4654.2	.72905	1.2790	.23994	.51837	.05238	29.425
#1	-.00623	.02965	.21097	.09291	-.00041	108.07	-.00038
#2	.00586	.02935	.20719	.09259	-.00042	108.15	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00134	-.00104	-.00040	15.249	5.8820	32.760	4.2486
SDev	.00014	.00013	.00010	.030	.1207	.124	.0236
%RSD	10.503	12.842	24.177	.19663	2.0527	.37804	.55491
#1	.00144	-.00114	-.00034	15.228	5.9674	32.847	4.2653
#2	.00124	-.00095	-.00047	15.270	5.7966	32.672	4.2320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.519	.00294	-.00303	-.00120	-.00181	-.00200	-.00100
SDev	.046	.00023	.00123	.00381	.00213	.00013	.00100
%RSD	.18706	7.6635	40.700	318.10	117.95	6.3013	99.460
#1	24.551	.00310	-.00390	.00150	-.00030	-.00191	-.00030
#2	24.486	.00279	-.00216	-.00390	-.00332	-.00209	-.00171
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00652	.00026	-.00003	L-.01015	.00015	.00153	.00066
SDev	.00017	.00010	.00027	.00473	.00042	.00002	.00081
%RSD	2.6519	39.261	826.75	46.579	281.10	1.5756	122.81
#1	-.00640	.00033	.00016	-.00681	-.00015	.00155	.00009
#2	-.00664	.00019	-.00022	L-.01349	.00045	.00151	.00123
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00079	.00146
SDev	.00032	.00114
%RSD	40.342	78.234
#1	-.00057	.00226
#2	-.00102	.00065
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5713	--	--	--	--	--	--
SDev	29.80448	--	--	--	--	--	--
%RSD	.5216981	--	--	--	--	--	--
#1	5692	--	--	--	--	--	--
#2	5734	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856537 Operator: TWS
Run Time: 10/03/08 02:42:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00920	.01577	.02000	.15217	-.00042	59.270	-.00025
SDev	.01690	.00005	.00074	.00121	.00010	.231	.00020
%RSD	183.71	.32223	3.7103	.79548	23.197	.39054	79.430
#1	.02115	.01580	.01948	.15132	-.00035	59.434	-.00039
#2	-.00275	.01573	.02053	.15303	-.00049	59.107	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.00032	.00041	.13903	.92201	12.029	.20223
SDev	.00002	.00040	.00018	.00808	.01497	.103	.00161
%RSD	860.52	124.98	45.588	5.8088	1.6238	.85875	.79623
#1	.00001	-.00004	.00027	.14474	.91142	11.956	.20110
#2	-.00002	-.00061	.00054	.13332	.93259	12.102	.20337
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.0582	.00211	-.00278	.00008	-.00087	-.00262	.00051
SDev	.2198	.00039	.00061	.00001	.00021	.00076	.00183
%RSD	4.3449	18.572	21.775	13.452	23.976	29.223	361.88
#1	4.9028	.00183	-.00235	.00009	-.00072	-.00208	-.00079
#2	5.2137	.00239	-.00321	.00007	-.00102	-.00316	.00180
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00642	-.00071	-.00007	L-.01136	-.00022	-.00118	.00244
SDev	.00470	.00121	.00010	.00150	.00029	.00047	.00100
%RSD	73.227	169.14	146.23	13.198	129.90	39.862	41.019
#1	-.00310	-.00156	-.00013	L-.01242	-.00002	-.00151	.00173
#2	-.00975	.00014	.00000	L-.01030	-.00042	-.00084	.00315
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00082	-.00081
SDev	.00070	.00294
%RSD	84.872	362.63
#1	-.00033	.00127
#2	-.00132	-.00289
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5685	--	--	--	--	--	--
SDev	16.22789	--	--	--	--	--	--
%RSD	.2854699	--	--	--	--	--	--
#1	5696	--	--	--	--	--	--
#2	5673	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856539 Operator: TWS
Run Time: 10/03/08 02:47:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01684	.00755	.07401	.04326	-.00035	87.969	-.00015
SDev	.00017	.00122	.00017	.00006	.00003	.230	.00009
%RSD	.99154	16.221	.22732	.13220	9.6641	.26156	59.849
#1	-.01696	.00841	.07413	.04330	-.00033	88.132	-.00021
#2	-.01672	.00668	.07389	.04322	-.00038	87.806	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00203	-.00085	.00001	2.2135	3.9859	25.702	1.6229
SDev	.00016	.00060	.00005	.0099	.0004	.070	.0034
%RSD	7.8788	70.434	370.00	.44711	.00901	.27165	.21243
#1	.00191	-.00043	.00005	2.2205	3.9856	25.752	1.6253
#2	.00214	-.00128	-.00002	2.2065	3.9861	25.653	1.6205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.4560	.00396	-.00312	-.00186	-.00228	.00007	.00110
SDev	.1327	.00047	.00168	.00120	.00024	.00217	.00004
%RSD	1.7793	11.993	53.935	64.204	10.383	3287.7	3.8651
#1	7.5498	.00429	-.00193	-.00271	-.00245	-.00147	.00107
#2	7.3622	.00362	-.00431	-.00102	-.00211	.00160	.00113
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00120	.00070	-.00007	-.00958	-.00026	.00215	.00073
SDev	.00038	.00307	.00025	.00251	.00029	.00079	.00181
%RSD	31.432	440.52	349.66	26.237	108.98	36.782	248.96
#1	-.00146	-.00147	.00011	-.00781	-.00006	.00270	-.00055
#2	-.00093	.00287	-.00025	L-.01136	-.00047	.00159	.00201
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00149	.00072
SDev	.00015	.00281
%RSD	10.371	392.86
#1	-.00159	.00271
#2	-.00138	-.00127
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5659	--	--	--	--	--	--
SDev	16.65223	--	--	--	--	--	--
%RSD	.2942700	--	--	--	--	--	--
#1	5647	--	--	--	--	--	--
#2	5671	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856540 Operator: TWS
Run Time: 10/03/08 02:52:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02390	.01332	.02867	.03407	-.00005	68.461	-.00017
SDev	.00297	.00059	.00068	.00023	.00011	.618	.00019
%RSD	12.426	4.4633	2.3770	.67501	228.30	.90236	113.84
#1	.02180	.01289	.02819	.03391	-.00013	68.024	-.00031
#2	.02600	.01374	.02915	.03423	.00003	68.898	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	-.00019	-.00074	2.6334	.85207	13.410	2.0806
SDev	.00013	.00035	.00015	.0345	.01967	.133	.0239
%RSD	11.156	179.48	20.596	1.3083	2.3083	.99515	1.1464
#1	.00109	-.00044	-.00085	2.6090	.83816	13.316	2.0637
#2	.00128	.00005	-.00063	2.6578	.86598	13.504	2.0974
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9218	.00450	-.00065	.00082	.00033	.00131	.00012
SDev	.0986	.00062	.00023	.00022	.00007	.00020	.00008
%RSD	1.1052	13.801	34.771	27.366	22.462	15.005	68.442
#1	8.8521	.00494	-.00049	.00066	.00028	.00117	.00006
#2	8.9916	.00406	-.00081	.00098	.00038	.00144	.00017
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00194	.00099	-.00033	L-.01298	-.00007	.00018	.00039
SDev	.00535	.00238	.00002	.00020	.00029	.00060	.00102
%RSD	275.60	241.46	4.7617	1.5755	449.98	325.77	262.99
#1	-.00184	.00267	-.00034	L-.01283	.00014	.00061	-.00033
#2	.00573	-.00070	-.00032	L-.01312	-.00027	-.00024	.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00115	.00221
SDev	.00085	.00007
%RSD	73.808	3.3828
#1	-.00055	.00227
#2	-.00175	.00216
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5480	--	--	--	--	--	--
SDev	57.16965	--	--	--	--	--	--
%RSD	1.043294	--	--	--	--	--	--
#1	5520	--	--	--	--	--	--
#2	5439	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856541 Operator: TWS
Run Time: 10/03/08 02:57:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01385	.00558	.05644	.07992	.00007	111.54	-.00015
SDev	.00183	.00235	.00052	.00026	.00004	.69	.00028
%RSD	13.238	42.207	.92088	.31855	55.264	.61720	181.74
#1	.01515	.00724	.05607	.08010	.00010	112.03	.00004
#2	.01256	.00391	.05680	.07974	.00004	111.05	-.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	-.00073	-.00012	.01988	2.6337	20.672	.15125
SDev	.00026	.00004	.00103	.00523	.0308	.094	.00056
%RSD	110.31	5.4184	833.92	26.307	1.1693	.45459	.37252
#1	.00005	-.00070	.00060	.01619	2.6555	20.739	.15165
#2	.00042	-.00075	-.00085	.02358	2.6119	20.606	.15086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.386	.00288	-.00423	.00054	-.00105	.00180	-.00028
SDev	.120	.00025	.00156	.00064	.00009	.00194	.00421
%RSD	.53408	8.6794	36.858	117.95	8.9828	107.59	1502.7
#1	22.471	.00306	-.00312	.00009	-.00098	.00317	-.00326
#2	22.302	.00271	-.00533	.00099	-.00111	.00043	.00270
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00928	.00734	-.00054	L-.01198	-.00011	.02083	-.00052
SDev	.00129	.00226	.00022	.00154	.00044	.00015	.00021
%RSD	13.917	30.758	41.130	12.882	390.62	.70953	39.307
#1	-.00837	.00894	-.00070	L-.01307	.00020	.02094	-.00067
#2	-.01020	.00574	-.00038	L-.01089	-.00042	.02073	-.00038
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00109	.00164
SDev	.00010	.00098
%RSD	8.9633	59.602
#1	-.00116	.00095
#2	-.00102	.00233
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5528	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0441263	--	--	--	--	--	--
#1	5530	--	--	--	--	--	--
#2	5526	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 03:10:22 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/03/08 03:05:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.890	.49510	.49747	.50350	.50779	25.142	.49858
SDev	.192	.00123	.00553	.00401	.00318	.148	.00485
%RSD	.77195	.24938	1.1119	.79642	.62546	.58967	.97365
#1	24.754	.49423	.49356	.50066	.50555	25.037	.49515
#2	25.026	.49598	.50138	.50633	.51004	25.247	.50201
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49528	.51527	.48657	24.920	24.170	25.519	.51161
SDev	.00331	.00242	.00374	.160	.183	.132	.00301
%RSD	.66735	.47052	.76762	.64268	.75543	.51618	.58768
#1	.49294	.51355	.48393	24.807	24.041	25.426	.50948
#2	.49762	.51698	.48921	25.033	24.299	25.613	.51374
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.255	.50392	.52096	.50773	.51214	.51790	.51550
SDev	.019	.00298	.00147	.00424	.00234	.00237	.00047
%RSD	.07929	.59100	.28269	.83462	.45614	.45837	.09150
#1	24.242	.50181	.52201	.50473	.51049	.51958	.51584
#2	24.269	.50602	.51992	.51073	.51379	.51623	.51517
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52149	.51612	.51897	.52762	.49483	.51274	.51539
SDev	.00800	.00044	.00350	.02441	.00371	.00276	.00202
%RSD	1.5343	.08519	.67407	4.6269	.74966	.53835	.39166
#1	.52715	.51581	.51650	.51036	.49221	.51078	.51396
#2	.51583	.51643	.52145	.54489	.49746	.51469	.51681
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49661	.50694
SDev	.00294	.00064
%RSD	.59266	.12562
#1	.49453	.50649
#2	.49869	.50739
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5536	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0478985	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5538	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/03/08 03:10:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01225	.00236	.00078	.00023	.00008	.01838	.00015
SDev	.00125	.00041	.00093	.00002	.00007	.00764	.00015
%RSD	10.185	17.315	119.58	8.1255	83.200	41.567	99.940
#1	.01313	.00207	.00143	.00025	.00013	.02378	.00004
#2	.01136	.00265	.00012	.00022	.00003	.01298	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	-.00002	-.00007	.00962	.02977	.01294	.00025
SDev	.00002	.00008	.00013	.00349	.01713	.00466	.00017
%RSD	8.3060	382.64	206.55	36.235	57.549	35.987	67.934
#1	.00017	.00004	.00003	.01209	.01765	.01623	.00036
#2	.00019	-.00008	-.00016	.00716	.04188	.00965	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08557	.00126	.00031	-.00033	-.00012	-.00165	-.00033
SDev	.21931	.00009	.00070	.00004	.00026	.00064	.00007
%RSD	256.30	7.4602	226.29	13.180	219.88	38.802	22.476
#1	.06951	.00133	.00080	-.00030	.00007	-.00210	-.00028
#2	-.24064	.00119	-.00019	-.00036	-.00031	-.00119	-.00038
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00559	.00033	-.00042	.00590	-.00001	-.00134	-.00002
SDev	.00389	.00290	.00002	.00350	.00059	.00016	.00205
%RSD	69.629	891.48	5.6403	59.416	7758.2	12.082	13343.
#1	-.00284	-.00173	-.00043	.00838	.00041	-.00122	.00144
#2	-.00834	.00238	-.00040	.00342	-.00042	-.00145	-.00147
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00068	.00206
SDev	.00031	.00078
%RSD	45.697	38.038
#1	-.00046	.00262
#2	-.00090	.00151
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5527	--	--	--	--	--	--
SDev	8.909615	--	--	--	--	--	--
%RSD	.1612089	--	--	--	--	--	--
#1	5520	--	--	--	--	--	--
#2	5533	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854542 Operator: TWS
Run Time: 10/03/08 03:15:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02630	.00245	.06067	.08514	-.00007	106.77	-.00024
SDev	.00120	.00056	.00107	.00065	.00010	1.08	.00009
%RSD	4.5533	22.870	1.7589	.76197	144.87	1.0081	38.630
#1	.02715	.00285	.06143	.08560	.00000	107.53	-.00030
#2	.02545	.00206	.05992	.08468	-.00014	106.01	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	-.00078	-.00002	.00782	4.0336	34.710	.24436
SDev	.00011	.00020	.00034	.00345	.0247	.342	.00259
%RSD	44.604	25.444	1625.7	44.154	.61261	.98652	1.0607
#1	.00017	-.00064	.00022	.01026	4.0510	34.952	.24619
#2	.00032	-.00091	-.00026	.00538	4.0161	34.467	.24253
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3619	.00324	-.00453	.00151	-.00050	.00075	-.00052
SDev	.0288	.00001	.00092	.00074	.00080	.00117	.00139
%RSD	.53697	.44412	20.278	48.754	159.10	156.36	264.55
#1	5.3823	.00323	-.00388	.00203	.00006	.00157	-.00151
#2	5.3416	.00325	-.00518	.00099	-.00106	-.00008	.00046
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00594	.00409	-.00016	-.00304	.00040	.00293	.00201
SDev	.00632	.00141	.00018	.00183	.00001	.00098	.00000
%RSD	106.38	34.475	112.51	60.153	1.3450	33.510	.10676
#1	-.00147	.00309	-.00003	-.00174	.00040	.00363	.00201
#2	-.01042	.00509	-.00029	-.00433	.00039	.00224	.00201
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00077	.00324
SDev	.00024	.00108
%RSD	30.765	33.351
#1	-.00060	.00401
#2	-.00093	.00248
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5612	--	--	--	--	--	--
SDev	41.47174	--	--	--	--	--	--
%RSD	.7389208	--	--	--	--	--	--
#1	5583	--	--	--	--	--	--
#2	5642	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856543 Operator: TWS
Run Time: 10/03/08 03:20:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01742	.00156	.04173	.06459	-.00001	64.942	.00000
SDev	.00277	.00035	.00044	.00071	.00007	.470	.00012
%RSD	15.867	22.552	1.0622	1.1004	612.75	.72434	3619.1
#1	.01938	.00131	.04142	.06509	.00004	65.275	.00009
#2	.01547	.00181	.04205	.06409	-.00006	64.610	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.00082	.00018	.19307	2.8514	30.092	3.0912
SDev	.00014	.00030	.00030	.00302	.0095	.223	.0234
%RSD	236.51	36.300	165.61	1.5634	.33448	.73976	.75545
#1	-.00016	-.00103	.00039	.19520	2.8581	30.250	3.1077
#2	.00004	-.00061	-.00003	.19093	2.8447	29.935	3.0747
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	88.062	.00190	-.00099	-.00105	-.00103	.00037	-.00110
SDev	.674	.00031	.00101	.00114	.00110	.00018	.00036
%RSD	.76572	16.090	101.72	108.81	106.53	48.415	32.415
#1	88.539	.00212	-.00028	-.00024	-.00025	.00025	-.00085
#2	87.585	.00168	-.00171	-.00185	-.00180	.00050	-.00136
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00166	.00139	-.00046	-.00591	.00010	.00226	.00173
SDev	.00705	.00325	.00035	.00467	.00015	.00020	.00206
%RSD	424.63	233.70	76.815	78.951	146.73	8.6986	118.87
#1	-.00664	.00369	-.00071	-.00921	.00021	.00240	.00319
#2	.00332	-.00091	-.00021	-.00261	-.00000	.00212	.00028
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00102	.01279
SDev	.00026	.00190
%RSD	25.752	14.837
#1	-.00084	.01413
#2	-.00121	.01144
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5510	--	--	--	--	--	--
SDev	37.22910	--	--	--	--	--	--
%RSD	.6756980	--	--	--	--	--	--
#1	5483	--	--	--	--	--	--
#2	5536	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856544 Operator: TWS
Run Time: 10/03/08 03:25:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02739	.00177	.04659	.05438	-.00009	61.258	-.00013
SDev	.00708	.00037	.00098	.00097	.00019	1.439	.00015
%RSD	25.843	21.081	2.0942	1.7894	215.84	2.3497	111.67
#1	.03240	.00204	.04728	.05507	.00005	62.276	-.00003
#2	.02239	.00151	.04590	.05369	-.00023	60.241	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00076	-.00007	-.00213	3.2003	26.807	.00875
SDev	.00010	.00022	.00042	.00183	.0488	.635	.00020
%RSD	139.20	28.898	629.17	85.939	1.5237	2.3692	2.2467
#1	.00000	-.00061	.00023	-.00342	3.2348	27.256	.00889
#2	.00014	-.00092	-.00037	-.00083	3.1658	26.357	.00861
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.568	.00339	-.00172	.00209	.00082	-.00267	.00123
SDev	1.379	.00018	.00154	.00099	.00015	.00096	.00321
%RSD	1.8489	5.4451	89.354	47.613	18.464	35.985	260.94
#1	75.543	.00352	-.00063	.00138	.00071	-.00334	.00350
#2	73.593	.00325	-.00280	.00279	.00093	-.00199	-.00104
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00670	-.00065	-.00032	L-.01111	-.00041	.00632	-.00022
SDev	.00493	.00390	.00029	.00377	.00029	.00077	.00119
%RSD	73.597	603.95	90.283	33.946	71.374	12.195	550.72
#1	-.00321	-.00341	-.00012	L-.01378	-.00020	.00687	.00063
#2	-.01019	.00211	-.00053	-.00845	-.00061	.00578	-.00106
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00076	.01631
SDev	.00006	.00174
%RSD	7.7746	10.655
#1	-.00072	.01754
#2	-.00081	.01508
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5566	--	--	--	--	--	--
SDev	80.82217	--	--	--	--	--	--
%RSD	1.451978	--	--	--	--	--	--
#1	5509	--	--	--	--	--	--
#2	5624	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855948/PB Operator: TWS
Run Time: 10/03/08 03:33:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01409	.00116	.00386	.00017	-.00014	.07472	-.00013
SDev	.00159	.00004	.00068	.00002	.00006	.00155	.00014
%RSD	11.315	3.2020	17.755	10.434	44.563	2.0775	105.62
#1	.01521	.00119	.00338	.00016	-.00010	.07582	-.00003
#2	.01296	.00114	.00434	.00019	-.00019	.07363	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00096	-.00079	.00227	.03732	.00595	.00003
SDev	.00039	.00002	.00016	.00685	.00372	.00032	.00006
%RSD	208.33	2.0224	20.012	301.53	9.9560	5.3972	222.43
#1	-.00047	-.00095	-.00090	.00712	.03995	.00572	.00008
#2	.00009	-.00098	-.00068	-.00257	.03469	.00617	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05861	.00088	-.00307	.00168	.00009	-.00111	.00182
SDev	.01733	.00036	.00013	.00185	.00128	.00494	.00233
%RSD	29.578	41.072	4.2057	110.56	1352.8	445.57	128.50
#1	-.04635	.00114	-.00316	.00037	-.00081	-.00461	.00017
#2	-.07086	.00062	-.00298	.00299	.00100	.00239	.00346
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00538	.00102	-.00047	L-.01195	-.00032	.00072	-.00084
SDev	.00033	.00725	.00002	.00329	.00014	.00031	.00203
%RSD	6.1064	707.66	4.8346	27.549	45.188	42.903	241.78
#1	-.00561	-.00410	-.00045	L-.01428	-.00042	.00094	.00060
#2	-.00515	.00615	-.00048	-.00962	-.00022	.00050	-.00227
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00096	.00033
SDev	.00027	.00029
%RSD	28.405	87.318
#1	-.00115	.00053
#2	-.00076	.00013
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5620	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0736100	--	--	--	--	--	--
#1	5623	--	--	--	--	--	--
#2	5617	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855947/FB Operator: TWS
Run Time: 10/03/08 03:38:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.288	.21044	.20823	.21186	.20844	10.369	.20642
SDev	.002	.00429	.00117	.00002	.00040	.029	.00125
%RSD	.02363	2.0390	.56103	.00730	.19183	.28428	.60392
#1	10.286	.20740	.20906	.21185	.20816	10.348	.20553
#2	10.290	.21347	.20741	.21187	.20872	10.390	.20730
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20619	.20729	.20325	10.336	10.268	10.490	.20945
SDev	.00076	.00087	.00042	.035	.027	.036	.00016
%RSD	.37020	.41933	.20539	.33542	.26143	.33879	.07484
#1	.20565	.20667	.20354	10.312	10.249	10.465	.20934
#2	.20673	.20790	.20295	10.361	10.287	10.515	.20956
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.165	.20668	.21419	.20982	.21127	.21192	.21190
SDev	.077	.00006	.00214	.00068	.00026	.00220	.00017
%RSD	.76144	.02857	.99674	.32183	.12331	1.0369	.08001
#1	10.110	.20664	.21268	.21029	.21109	.21037	.21202
#2	10.220	.20673	.21569	.20934	.21146	.21348	.21178
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21056	.21261	.20388	.20270	.20414	.20735	.21081
SDev	.00318	.00170	.00054	.00514	.00085	.00080	.00148
%RSD	1.5119	.80173	.26470	2.5339	.41650	.38535	.70261
#1	.20831	.21140	.20350	.19907	.20354	.20679	.20976
#2	.21281	.21381	.20426	.20634	.20474	.20792	.21185
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05058	.20528
SDev	.00015	.00195
%RSD	.29899	.95206
#1	.05047	.20390
#2	.05068	.20667
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5589	--	--	--	--	--	--
SDev	20.36488	--	--	--	--	--	--
%RSD	.3643743	--	--	--	--	--	--
#1	5575	--	--	--	--	--	--
#2	5603	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855783/PB Operator: TWS
Run Time: 10/03/08 03:43:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01110	-.00002	.00514	.00017	-.00011	.05589	.00018
SDev	.00606	.00058	.00040	.00005	.00007	.00014	.00015
%RSD	54.650	3003.9	7.8615	30.969	57.979	.24286	87.361
#1	.01538	.00039	.00542	.00021	-.00007	.05599	.00007
#2	.00681	-.00043	.00485	.00014	-.00016	.05579	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00056	-.00072	.00288	.02557	-.00104	-.00004
SDev	.00006	.00039	.00043	.00600	.00217	.00064	.00003
%RSD	67.431	69.475	59.434	208.50	8.5055	61.150	84.222
#1	.00013	-.00084	-.00102	.00712	.02403	-.00059	-.00002
#2	.00005	-.00029	-.00042	-.00137	.02711	-.00149	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.17339	.00129	-.00285	.00223	.00054	-.00069	-.00242
SDev	.00576	.00042	.00083	.00047	.00059	.00069	.00048
%RSD	3.3193	32.196	29.083	21.236	110.10	99.933	19.743
#1	-.16932	.00159	-.00344	.00189	.00012	-.00020	-.00208
#2	-.17746	.00100	-.00226	.00256	.00096	-.00118	-.00276
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00447	.00120	-.00037	-.00268	-.00011	-.00027	.00030
SDev	.00389	.00298	.00020	.00007	.00015	.00015	.00122
%RSD	86.877	247.62	52.689	2.7471	128.34	56.969	402.34
#1	-.00722	.00331	-.00023	-.00273	-.00001	-.00037	-.00056
#2	-.00172	-.00090	-.00051	-.00263	-.00022	-.00016	.00117
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00119	.00172
SDev	.00054	.00111
%RSD	45.775	64.257
#1	-.00080	.00251
#2	-.00157	.00094
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5609	--	--	--	--	--	--
SDev	8.272942	--	--	--	--	--	--
%RSD	.1475033	--	--	--	--	--	--
#1	5603	--	--	--	--	--	--
#2	5614	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855782/FB Operator: TWS
Run Time: 10/03/08 03:49:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.136	.21024	.20725	.20790	.20604	10.253	.20486
SDev	.025	.00221	.00088	.00032	.00001	.005	.00004
%RSD	.24922	1.0503	.42504	.15410	.00291	.04689	.01747
#1	10.118	.21180	.20663	.20767	.20603	10.250	.20484
#2	10.154	.20867	.20788	.20813	.20604	10.257	.20489
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20448	.20451	.19907	10.273	10.105	10.392	.20698
SDev	.00046	.00003	.00016	.000	.011	.009	.00030
%RSD	.22246	.01275	.07954	.00226	.10871	.08527	.14323
#1	.20416	.20449	.19918	10.273	10.098	10.385	.20677
#2	.20481	.20453	.19896	10.273	10.113	10.398	.20719
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.060	.20389	.20978	.20674	.20775	.20650	.20592
SDev	.121	.00054	.00274	.00234	.00247	.00104	.00140
%RSD	1.2032	.26560	1.3071	1.1298	1.1894	.50578	.68009
#1	10.146	.20428	.21172	.20839	.20950	.20724	.20493
#2	9.9744	.20351	.20784	.20509	.20601	.20576	.20691
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20698	.20626	.20090	.20276	.20073	.20524	.21162
SDev	.00521	.00104	.00004	.01120	.00027	.00004	.00078
%RSD	2.5147	.50217	.01817	5.5258	.13671	.01767	.36986
#1	.21066	.20553	.20092	.19484	.20093	.20522	.21217
#2	.20330	.20700	.20087	.21068	.20054	.20527	.21106
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05013	.20399
SDev	.00071	.00000
%RSD	1.4183	.00128
#1	.05063	.20398
#2	.04963	.20399
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5675	--	--	--	--	--	--
SDev	15.80391	--	--	--	--	--	--
%RSD	.2784743	--	--	--	--	--	--
#1	5664	--	--	--	--	--	--
#2	5686	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855765 Operator: TWS
Run Time: 10/03/08 03:54:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01330	.00055	.17523	.18703	-.00013	134.98	-.00003
SDev	.00128	.00028	.00061	.00016	.00002	.11	.00016
%RSD	9.5834	50.946	.34888	.08592	14.632	.08356	471.10
#1	.01421	.00075	.17566	.18714	-.00011	135.06	.00008
#2	.01240	.00035	.17480	.18691	-.00014	134.90	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	-.00028	.00009	-.00043	7.1501	50.880	.00401
SDev	.00005	.00071	.00022	.00868	.0002	.067	.00007
%RSD	21.357	258.20	249.29	2026.4	.00296	.13150	1.7602
#1	-.00018	-.00078	-.00007	-.00656	7.1503	50.927	.00396
#2	-.00024	.00023	.00024	.00571	7.1500	50.832	.00406
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.8305	.00284	-.00297	.00186	.00025	-.00260	-.00020
SDev	.0697	.00036	.00183	.00018	.00049	.00080	.00055
%RSD	.89051	12.846	61.620	9.8711	193.84	30.926	273.44
#1	7.7812	.00310	-.00168	.00173	.00060	-.00317	-.00059
#2	7.8798	.00258	-.00427	.00199	-.00009	-.00203	.00019
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00592	-.00094	-.00008	-.00371	.00030	.00614	-.00105
SDev	.00109	.00066	.00013	.00458	.00015	.00001	.00102
%RSD	18.422	70.348	160.48	123.43	49.272	.15218	97.374
#1	-.00669	-.00140	.00001	-.00047	.00020	.00613	-.00177
#2	-.00514	-.00047	-.00018	-.00694	.00040	.00615	-.00033
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00083	.00053
SDev	.00041	.00151
%RSD	50.224	287.20
#1	-.00112	-.00054
#2	-.00053	.00159
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5541	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.0976271	--	--	--	--	--	--
#1	5545	--	--	--	--	--	--
#2	5537	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855766 Operator: TWS
Run Time: 10/03/08 03:59:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05552	.00503	.66504	.07816	.00014	72.536	.00008
SDev	.00152	.00097	.00185	.00020	.00001	.202	.00016
%RSD	2.7393	19.345	.27868	.25953	9.7176	.27817	203.17
#1	.05659	.00434	.66373	.07801	.00015	72.678	.00019
#2	.05444	.00572	.66635	.07830	.00013	72.393	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	-.00080	-.00059	-.00390	11.994	197.11	.04092
SDev	.00042	.00010	.00022	.00534	.023	.64	.00002
%RSD	109.60	12.659	37.052	136.72	.19312	.32603	.03573
#1	-.00069	-.00073	-.00075	-.00013	11.978	197.56	.04093
#2	-.00009	-.00087	-.00044	-.00768	12.011	196.65	.04091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	76.905	.00271	-.00129	-.00007	-.00048	-.00036	.00018
SDev	.130	.00002	.00065	.00110	.00095	.00404	.00172
%RSD	.16930	.68716	50.823	1470.9	198.93	1127.6	934.87
#1	76.813	.00272	-.00175	-.00085	-.00115	-.00321	-.00103
#2	76.997	.00270	-.00082	.00070	.00019	.00250	.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00614	.00253	-.00051	-.00800	-.00021	.00759	.00208
SDev	.00345	.00433	.00021	.00345	.00000	.00017	.00210
%RSD	56.178	170.89	40.236	43.131	.02659	2.1915	100.78
#1	-.00858	-.00053	-.00036	-.00556	-.00021	.00748	.00356
#2	-.00370	.00560	-.00065	L-.01044	-.00021	.00771	.00060
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00140	.00239
SDev	.00042	.00030
%RSD	30.334	12.369
#1	-.00170	.00260
#2	-.00110	.00219
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5429	--	--	--	--	--	--
SDev	2.545308	--	--	--	--	--	--
%RSD	.0468840	--	--	--	--	--	--
#1	5431	--	--	--	--	--	--
#2	5427	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855767 Operator: TWS
Run Time: 10/03/08 04:04:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00850	.00350	.64280	.07579	-.00010	70.495	-.00008
SDev	.00009	.00107	.00053	.00015	.00001	.187	.00010
%RSD	1.0551	30.588	.08178	.19424	13.290	.26540	122.29
#1	.00857	.00426	.64317	.07569	-.00011	70.363	-.00001
#2	.00844	.00275	.64243	.07589	-.00009	70.627	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	-.00017	-.00029	.00174	11.713	190.41	.04056
SDev	.00020	.00000	.00014	.01479	.017	.73	.00008
%RSD	183.98	1.8065	46.895	847.60	.14701	.38400	.19469
#1	.00025	-.00017	-.00039	.01220	11.701	189.90	.04062
#2	-.00003	-.00017	-.00019	-.00871	11.725	190.93	.04050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.595	.00192	-.00079	-.00072	-.00074	.00344	.00385
SDev	.336	.00006	.00055	.00052	.00017	.00092	.00337
%RSD	.44404	3.1406	69.291	72.772	22.461	26.902	87.739
#1	75.357	.00188	-.00117	-.00035	-.00062	.00409	.00146
#2	75.832	.00196	-.00040	-.00109	-.00086	.00278	.00623
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00095	.00563	-.00029	-.00969	-.00021	.00113	.00077
SDev	.00387	.00332	.00015	.00164	.00029	.00049	.00062
%RSD	405.79	58.960	53.204	16.887	137.08	43.457	80.648
#1	-.00369	.00798	-.00018	-.00854	-.00001	.00148	.00033
#2	.00178	.00328	-.00040	L-.01085	-.00042	.00079	.00121
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00119	.00298
SDev	.00068	.00009
%RSD	57.357	2.8642
#1	-.00071	.00292
#2	-.00167	.00304
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5518	--	--	--	--	--	--
SDev	19.62221	--	--	--	--	--	--
%RSD	.3556150	--	--	--	--	--	--
#1	5504	--	--	--	--	--	--
#2	5532	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 04:17:17 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/03/08 04:12:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.790	.48578	.49129	.50193	.50242	24.801	.48846
SDev	.005	.00138	.00234	.00073	.00047	.009	.00088
%RSD	.01862	.28353	.47571	.14590	.09460	.03775	.18075
#1	24.787	.48481	.48964	.50141	.50208	24.795	.48783
#2	24.794	.48675	.49294	.50245	.50276	24.808	.48908
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48743	.51097	.48629	24.604	24.176	25.150	.50601
SDev	.00028	.00077	.00015	.016	.014	.045	.00085
%RSD	.05810	.15000	.03046	.06501	.05661	.17731	.16826
#1	.48723	.51043	.48619	24.593	24.166	25.118	.50541
#2	.48763	.51151	.48640	24.616	24.186	25.181	.50661
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.336	.49655	.51113	.50214	.50513	.50901	.50738
SDev	.168	.00082	.00389	.00380	.00124	.00111	.00092
%RSD	.68842	.16575	.76055	.75677	.24551	.21800	.18179
#1	24.217	.49597	.50838	.50483	.50601	.50823	.50803
#2	24.454	.49713	.51388	.49945	.50425	.50980	.50672
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51203	.50751	.51410	.53577	.48964	.50141	.50424
SDev	.00855	.00261	.00065	.01640	.00103	.00181	.00324
%RSD	1.6694	.51415	.12608	3.0607	.20993	.36051	.64202
#1	.50598	.50936	.51364	.52417	.48892	.50013	.50195
#2	.51807	.50567	.51456	.54736	.49037	.50269	.50653
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49552	.50138
SDev	.00030	.00399
%RSD	.06059	.79548
#1	.49531	.49856
#2	.49573	.50420
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5534	--	--	--	--	--	--
SDev	19.83455	--	--	--	--	--	--
%RSD	.3584207	--	--	--	--	--	--
#1	5548	--	--	--	--	--	--
#2	5520	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 04:22:23 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/03/08 04:17:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00898	.00114	.00079	.00022	.00021	.01152	-.00002
SDev	.00356	.00066	.00004	.00000	.00002	.00239	.00001
%RSD	39.637	58.092	5.2492	.88829	10.943	20.714	74.082
#1	.01150	.00067	.00082	.00022	.00023	.01320	-.00001
#2	.00647	.00161	.00076	.00023	.00020	.00983	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	-.00078	-.00076	.00598	.02465	.00697	-.00003
SDev	.00021	.00012	.00030	.01761	.00226	.00234	.00010
%RSD	67.207	15.318	38.782	294.43	9.1454	33.645	290.05
#1	-.00016	-.00069	-.00097	-.00647	.02306	.00862	.00004
#2	-.00045	-.00086	-.00055	.01843	.02625	.00531	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.42711	.00085	-.00497	.00189	-.00039	.00262	-.00092
SDev	.14171	.00011	.00416	.00261	.00035	.00345	.00389
%RSD	33.178	12.973	83.692	137.99	90.098	131.77	423.67
#1	L-.52731	.00077	-.00203	.00005	-.00064	.00018	.00183
#2	-.32691	.00092	-.00790	.00373	-.00014	.00506	-.00367
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00257	.00521	-.00061	.00148	-.00001	-.00098	.00085
SDev	.00604	.00216	.00048	.00516	.00089	.00063	.00166
%RSD	235.12	41.392	79.370	348.73	16228.	64.449	196.22
#1	-.00684	.00369	-.00095	.00513	-.00064	-.00053	-.00033
#2	.00170	.00674	-.00027	-.00217	.00062	-.00142	.00202
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00101	.00006
SDev	.00024	.00099
%RSD	23.460	1579.4
#1	-.00118	-.00064
#2	-.00085	.00076
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5467	--	--	--	--	--	--
SDev	24.07719	--	--	--	--	--	--
%RSD	.4403995	--	--	--	--	--	--
#1	5484	--	--	--	--	--	--
#2	5450	--	--	--	--	--	--

Analysis Report 10/03/08 04:27:27 AM page 1

Method: TRACE1 Sample Name: AD855768 Operator: TWS
Run Time: 10/03/08 04:22:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07044	.00216	.76033	.20769	.00010	184.03	.00002
SDev	.00373	.00073	.00332	.00024	.00003	.23	.00002
%RSD	5.2884	33.757	.43676	.11546	26.535	.12754	114.63
#1	.07308	.00268	.76268	.20786	.00008	183.86	.00000
#2	.06781	.00164	.75799	.20752	.00012	184.19	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	.00014	-.00045	.20799	14.074	50.475	1.4185
SDev	.00061	.00017	.00016	.00817	.025	.038	.0014
%RSD	391.12	125.38	36.222	3.9288	.17602	.07442	.10105
#1	-.00059	.00002	-.00057	.20221	14.092	50.448	1.4174
#2	.00028	.00026	-.00034	.21377	14.057	50.501	1.4195
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.714	.00172	.00108	-.00038	.00011	-.00191	.00096
SDev	.214	.00002	.00078	.00051	.00008	.00075	.00451
%RSD	.22163	.92525	71.860	136.93	76.520	39.262	467.49
#1	96.866	.00173	.00053	-.00001	.00017	-.00138	-.00222
#2	96.563	.00170	.00163	-.00074	.00005	-.00244	.00415
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00386	-.00094	-.00045	-.00508	-.00043	.00433	.00069
SDev	.00038	.00094	.00005	.00458	.00029	.00018	.00021
%RSD	9.7286	100.22	10.433	90.136	68.589	4.2330	30.794
#1	-.00360	-.00027	-.00049	-.00832	-.00022	.00445	.00054
#2	-.00413	-.00160	-.00042	-.00184	-.00064	.00420	.00084
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00115	.00155
SDev	.00014	.00113
%RSD	12.399	72.475
#1	-.00105	.00076
#2	-.00126	.00235
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5484	--	--	--	--	--	--
SDev	16.44023	--	--	--	--	--	--
%RSD	.2997813	--	--	--	--	--	--
#1	5472	--	--	--	--	--	--
#2	5496	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855769 Operator: TWS
Run Time: 10/03/08 04:27:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18389	.00236	.02412	.00026	-.00026	.30132	-.00008
SDev	.00011	.00012	.00129	.00003	.00001	.00130	.00003
%RSD	.05760	5.1819	5.3659	13.394	4.1330	.43067	31.894
#1	.18396	.00228	.02321	.00029	-.00026	.30040	-.00006
#2	.18381	.00245	.02504	.00024	-.00025	.30224	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	-.00072	-.00066	.01799	.04132	.01166	.00035
SDev	.00001	.00014	.00029	.00002	.00999	.00064	.00007
%RSD	245.89	19.008	44.129	.08562	24.169	5.5188	18.691
#1	-.00002	-.00062	-.00086	.01798	.03426	.01121	.00031
#2	.00000	-.00081	-.00045	.01800	.04838	.01212	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05381	.00157	-.00448	.00260	.00024	-.00070	-.00124
SDev	.13988	.00030	.00121	.00053	.00005	.00133	.00333
%RSD	259.98	19.256	26.972	20.288	21.188	191.80	267.75
#1	-.15272	.00135	-.00533	.00297	.00020	-.00164	-.00360
#2	.04511	.00178	-.00362	.00222	.00028	.00025	.00111
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00856	.00324	-.00033	-.00905	-.00032	.00027	-.00126
SDev	.00158	.00121	.00026	.00375	.00014	.00000	.00102
%RSD	18.419	37.422	80.967	41.480	45.221	1.6410	80.434
#1	-.00967	.00238	-.00014	L-.01171	-.00042	.00027	-.00054
#2	-.00744	.00409	-.00051	-.00640	-.00022	.00028	-.00198
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00106	.00107
SDev	.00024	.00009
%RSD	22.951	8.7900
#1	-.00089	.00114
#2	-.00123	.00101
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5627	--	--	--	--	--	--
SDev	6.788294	--	--	--	--	--	--
%RSD	.1206422	--	--	--	--	--	--
#1	5632	--	--	--	--	--	--
#2	5622	--	--	--	--	--	--

Analysis Report 10/03/08 04:37:35 AM page 1

Method: TRACE1 Sample Name: AD855770 Operator: TWS
Run Time: 10/03/08 04:32:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25803	.00343	.35473	.18371	.00014	126.96	.00005
SDev	.00096	.00313	.00105	.00005	.00003	.16	.00012
%RSD	.37045	91.131	.29734	.02797	21.101	.12798	261.27
#1	.25871	.00564	.35398	.18367	.00016	127.08	.00013
#2	.25736	.00122	.35547	.18374	.00012	126.85	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	-.00051	-.00096	.03240	9.1876	45.817	.29306
SDev	.00011	.00042	.00054	.00278	.0218	.072	.00032
%RSD	14.833	83.509	56.606	8.5861	.23750	.15626	.10839
#1	.00083	-.00021	-.00057	.03436	9.1722	45.867	.29329
#2	.00067	-.00081	-.00134	.03043	9.2030	45.766	.29284
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.851	.00705	.00259	.00289	.00279	-.00135	-.00041
SDev	.043	.00033	.00269	.00116	.00012	.00007	.00515
%RSD	.28690	4.6552	103.67	40.031	4.3663	5.0189	1251.4
#1	14.881	.00682	.00449	.00207	.00288	-.00130	.00323
#2	14.821	.00729	.00069	.00371	.00271	-.00139	-.00405
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00782	.00189	-.00021	L-.01340	-.00022	.00413	.00167
SDev	.00393	.00206	.00004	.00393	.00030	.00020	.00292
%RSD	50.176	109.01	17.455	29.354	137.09	4.8422	175.09
#1	-.01060	.00335	-.00024	L-.01062	-.00001	.00427	-.00040
#2	-.00505	.00043	-.00018	L-.01618	-.00043	.00399	.00373
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00131	.00053
SDev	.00043	.00030
%RSD	33.233	56.613
#1	-.00100	.00074
#2	-.00161	.00032
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5461	--	--	--	--	--	--
SDev	28.42583	--	--	--	--	--	--
%RSD	.5204909	--	--	--	--	--	--
#1	5441	--	--	--	--	--	--
#2	5481	--	--	--	--	--	--

Analysis Report 10/03/08 04:42:40 AM page 1

Method: TRACE1 Sample Name: AD855771 Operator: TWS
Run Time: 10/03/08 04:37:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03459	.00472	.27183	.07878	.00020	35.375	.00006
SDev	.00380	.00140	.00608	.00146	.00017	.629	.00004
%RSD	10.992	29.704	2.2369	1.8572	85.138	1.7790	63.549
#1	.03190	.00373	.26753	.07775	.00008	34.930	.00008
#2	.03727	.00571	.27612	.07982	.00032	35.820	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.00007	.00239	.01076	26.895	19.223	.12922
SDev	.00048	.00049	.00000	.01721	.390	.365	.00249
%RSD	136.65	677.23	.16761	159.92	1.4489	1.8997	1.9311
#1	.00070	-.00042	.00240	.02292	26.619	18.965	.12745
#2	.00001	.00027	.00239	-.00141	27.170	19.482	.13098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	300.30	.00463	.00317	.00280	.00292	.00206	.00107
SDev	4.37	.00092	.00335	.00181	.00009	.00103	.00237
%RSD	1.4564	19.946	105.58	64.716	3.1850	49.839	221.66
#1	297.21	.00528	.00080	.00408	.00299	.00133	.00274
#2	303.39	.00397	.00553	.00152	.00285	.00278	-.00061
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00193	.00405	-.00042	L-.01020	.00011	.00168	.00109
SDev	.00538	.00115	.00031	.00295	.00045	.00039	.00217
%RSD	279.20	28.458	74.782	28.935	416.68	23.322	198.36
#1	-.00573	.00486	-.00020	L-.01229	.00043	.00140	.00263
#2	.00188	.00323	-.00064	-.00812	-.00021	.00196	-.00044
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00097	.00439
SDev	.00072	.00168
%RSD	73.618	38.361
#1	-.00047	.00320
#2	-.00148	.00558
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5291	--	--	--	--	--	--
SDev	63.74560	--	--	--	--	--	--
%RSD	1.204685	--	--	--	--	--	--
#1	5337	--	--	--	--	--	--
#2	5246	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855772 Operator: TWS
Run Time: 10/03/08 04:42:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00626	.00141	.02000	.05971	-.00031	74.183	-.00036
SDev	.00296	.00006	.00134	.00031	.00006	.573	.00023
%RSD	47.351	4.5989	6.7095	.52270	20.262	.77303	63.389
#1	.00835	.00145	.01905	.05993	-.00027	74.589	-.00020
#2	.00416	.00136	.02095	.05949	-.00036	73.778	-.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00070	.00048	.02060	1.0204	52.060	.02279
SDev	.00004	.00052	.00000	.00754	.0034	.440	.00034
%RSD	11.809	74.520	.01514	36.569	.33141	.84612	1.4976
#1	.00041	-.00033	.00048	.01528	1.0228	52.371	.02303
#2	.00034	-.00106	.00048	.02593	1.0180	51.749	.02254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.5553	.00463	-.00490	.00201	-.00029	-.00278	-.00183
SDev	.2182	.00009	.00245	.00134	.00008	.00149	.00267
%RSD	3.3281	1.9105	49.945	66.892	27.268	53.686	146.10
#1	6.7096	.00457	-.00317	.00106	-.00035	-.00172	.00006
#2	6.4010	.00469	-.00664	.00296	-.00024	-.00384	-.00372
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00335	-.00250	-.00018	L-.01466	.00089	.00314	.00061
SDev	.00023	.00212	.00007	.00055	.00014	.00014	.00238
%RSD	6.9883	84.976	37.009	3.7617	15.737	4.3918	393.55
#1	-.00318	-.00100	-.00022	L-.01505	.00079	.00304	.00229
#2	-.00351	-.00400	-.00013	L-.01427	.00099	.00324	-.00108
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00057	.00304
SDev	.00034	.00070
%RSD	59.881	23.049
#1	-.00081	.00255
#2	-.00033	.00354
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5716	--	--	--	--	--	--
SDev	13.04626	--	--	--	--	--	--
%RSD	.2282420	--	--	--	--	--	--
#1	5707	--	--	--	--	--	--
#2	5725	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855773 Operator: TWS
Run Time: 10/03/08 04:47:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00419	.00455	.00954	.14856	-.00043	49.763	-.00010
SDev	.00383	.00003	.00095	.00083	.00009	.322	.00019
%RSD	91.386	.75944	9.9349	.55868	21.011	.64789	194.62
#1	-.00689	.00457	.01021	.14797	-.00049	49.535	-.00023
#2	-.00148	.00452	.00887	.14915	-.00037	49.991	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00034	-.00038	1.4169	.90568	32.025	.25175
SDev	.00008	.00044	.00047	.0093	.01387	.224	.00208
%RSD	39.895	129.50	123.76	.65497	1.5314	.69888	.82579
#1	-.00014	-.00065	-.00071	1.4104	.89588	31.867	.25028
#2	-.00025	-.00003	-.00005	1.4235	.91549	32.183	.25322
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7948	.00132	.00012	-.00120	-.00076	-.00110	-.00140
SDev	.1457	.00033	.00203	.00189	.00194	.00522	.00072
%RSD	5.2122	25.160	1683.6	157.35	254.53	474.27	51.734
#1	2.6918	.00108	-.00132	-.00254	-.00214	-.00479	-.00089
#2	2.8978	.00155	.00156	.00014	.00061	.00259	-.00191
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00149	-.00090	-.00047	L-.01374	-.00065	.00012	.00007
SDev	.00080	.00743	.00015	.00123	.00028	.00014	.00079
%RSD	53.799	821.99	31.759	8.9861	43.997	121.39	1131.8
#1	-.00206	-.00615	-.00057	L-.01461	-.00044	.00022	-.00049
#2	-.00093	.00435	-.00036	L-.01286	-.00085	.00002	.00063
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00131	.00330
SDev	.00013	.00006
%RSD	9.9674	1.6701
#1	-.00122	.00326
#2	-.00140	.00334
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5731	--	--	--	--	--	--
SDev	13.78858	--	--	--	--	--	--
%RSD	.2406132	--	--	--	--	--	--
#1	5740	--	--	--	--	--	--
#2	5721	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855774 Operator: TWS
Run Time: 10/03/08 04:52:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00631	.00116	.01264	.05922	-.00022	15.929	-.00010
SDev	.00159	.00104	.00027	.00021	.00002	.101	.00001
%RSD	25.194	89.745	2.1679	.35679	8.8777	.63517	4.9039
#1	.00743	.00042	.01283	.05937	-.00021	16.001	-.00010
#2	.00518	.00189	.01245	.05907	-.00024	15.858	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00406	-.00059	-.00081	.91743	1.7943	6.7057	.06558
SDev	.00021	.00076	.00010	.00860	.0095	.0306	.00041
%RSD	5.2937	127.48	12.601	.93707	.52853	.45617	.61931
#1	.00421	-.00113	-.00088	.92351	1.7876	6.7274	.06586
#2	.00391	-.00006	-.00074	.91135	1.8010	6.6841	.06529
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.9816	.00963	-.00325	-.00016	-.00119	-.00319	-.00174
SDev	.0089	.00032	.00351	.00095	.00054	.00302	.00159
%RSD	.09930	3.3242	108.03	598.20	45.113	94.589	91.311
#1	8.9879	.00986	-.00573	.00051	-.00157	-.00533	-.00287
#2	8.9753	.00940	-.00077	-.00083	-.00081	-.00106	-.00062
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00579	-.00190	-.00038	L-.01340	-.00024	.00618	.00059
SDev	.00615	.00146	.00030	.00303	.00028	.00028	.00040
%RSD	106.25	76.783	78.286	22.631	119.48	4.5942	67.700
#1	-.01014	-.00293	-.00017	L-.01126	-.00004	.00638	.00031
#2	-.00144	-.00087	-.00059	L-.01554	-.00044	.00598	.00087
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00099	-.00080
SDev	.00027	.00143
%RSD	27.227	178.12
#1	-.00080	-.00181
#2	-.00118	.00021
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5657	--	--	--	--	--	--
SDev	15.27323	--	--	--	--	--	--
%RSD	.2699905	--	--	--	--	--	--
#1	5668	--	--	--	--	--	--
#2	5646	--	--	--	--	--	--

Analysis Report 10/03/08 05:03:01 AM page 1

Method: TRACE1 Sample Name: AD855774/L (1:5) Operator: TWS
Run Time: 10/03/08 04:58:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09813	-.00121	.00768	.01370	-.00021	3.4654	.00002
SDev	.00519	.00017	.00078	.00005	.00002	.0136	.00019
%RSD	5.2934	13.992	10.176	.33183	11.038	.39310	1256.7
#1	.09446	-.00133	.00713	.01367	-.00023	3.4558	.00015
#2	.10180	-.00109	.00823	.01373	-.00020	3.4751	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.00016	-.00028	.17974	.38615	1.3469	.01303
SDev	.00091	.00051	.00019	.00695	.00976	.0052	.00017
%RSD	262.76	324.95	66.032	3.8665	2.5271	.38495	1.3221
#1	-.00030	.00020	-.00041	.17482	.37925	1.3432	.01291
#2	.00099	-.00051	-.00015	.18465	.39305	1.3505	.01315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.8043	.00281	-.00182	-.00022	-.00075	-.00007	-.00295
SDev	.0156	.00059	.00133	.00051	.00010	.00098	.00160
%RSD	.86349	20.880	72.962	237.47	13.219	1401.5	54.164
#1	1.7933	.00240	-.00088	-.00058	-.00068	.00063	-.00182
#2	1.8153	.00323	-.00276	.00015	-.00082	-.00077	-.00408
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.00007	-.00051	-.00983	-.00012	-.00039	-.00012
SDev	.00664	.00184	.00033	.00093	.00072	.00031	.00020
%RSD	10216.	2524.8	64.196	9.4411	601.57	80.295	170.42
#1	.00463	-.00137	-.00074	L-.01049	-.00063	-.00061	-.00026
#2	-.00476	.00123	-.00028	-.00918	.00039	-.00017	.00002
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00110	-.00011
SDev	.00035	.00120
%RSD	31.607	1099.7
#1	-.00135	.00074
#2	-.00086	-.00095
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5639	--	--	--	--	--	--
SDev	4.030647	--	--	--	--	--	--
%RSD	.0714787	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5636	--	--	--	--	--	--

Analysis Report 10/03/08 05:08:07 AM page 1

Method: TRACE1 Sample Name: AD855774/PS Operator: TWS
Run Time: 10/03/08 05:03:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.036	.20415	.20928	.26139	.20502	25.438	.20051
SDev	.016	.00351	.00261	.00044	.00063	.060	.00061
%RSD	.15735	1.7198	1.2485	.16892	.30780	.23727	.30382
#1	10.047	.20663	.21113	.26171	.20546	25.481	.20094
#2	10.025	.20166	.20744	.26108	.20457	25.395	.20008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20389	.20184	.19884	11.014	11.884	16.768	.26844
SDev	.00041	.00071	.00095	.029	.008	.053	.00059
%RSD	.20090	.34970	.47584	.26729	.06952	.31528	.21833
#1	.20418	.20234	.19951	11.034	11.890	16.805	.26885
#2	.20360	.20134	.19817	10.993	11.878	16.731	.26803
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.896	.20973	.20512	.20256	.20341	.21017	.20272
SDev	.078	.00081	.00165	.00150	.00045	.00425	.00020
%RSD	.41505	.38615	.80606	.74130	.22170	2.0220	.10082
#1	18.951	.21030	.20396	.20362	.20373	.21318	.20257
#2	18.840	.20916	.20629	.20150	.20309	.20717	.20286
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20916	.21068	.20093	.19418	.20122	.21114	.16031
SDev	.00308	.00792	.00063	.00885	.00044	.00186	.00006
%RSD	1.4745	3.7577	.31183	4.5550	.21960	.88159	.03534
#1	.20698	.21628	.20138	.18793	.20154	.21246	.16035
#2	.21134	.20508	.20049	.20044	.20091	.20982	.16027
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04968	.20239
SDev	.00064	.00030
%RSD	1.2858	.14922
#1	.05014	.20260
#2	.04923	.20218
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	16.44023	--	--	--	--	--	--
%RSD	.2905623	--	--	--	--	--	--
#1	5646	--	--	--	--	--	--
#2	5670	--	--	--	--	--	--

Analysis Report 10/03/08 05:13:14 AM page 1

Method: TRACE1 Sample Name: AD855775/MS Operator: TWS
Run Time: 10/03/08 05:08:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.444	.21615	.21773	.27219	.21175	26.686	.20835
SDev	.017	.00011	.00080	.00056	.00006	.040	.00007
%RSD	.16451	.05087	.36783	.20606	.02753	.15041	.03566
#1	10.432	.21623	.21830	.27259	.21179	26.657	.20829
#2	10.456	.21607	.21717	.27180	.21170	26.714	.20840
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21365	.21145	.20639	11.474	12.316	17.477	.27928
SDev	.00063	.00032	.00033	.001	.032	.013	.00029
%RSD	.29314	.15059	.16067	.00724	.25820	.07420	.10465
#1	.21409	.21168	.20616	11.473	12.294	17.468	.27949
#2	.21321	.21123	.20663	11.474	12.339	17.486	.27908
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.558	.21869	.21247	.21066	.21126	.21274	.21008
SDev	.141	.00045	.00186	.00026	.00079	.00507	.00040
%RSD	.72335	.20461	.87378	.12409	.37517	2.3853	.18871
#1	19.658	.21838	.21116	.21047	.21070	.21633	.20980
#2	19.458	.21901	.21379	.21084	.21182	.20915	.21036
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21747	.21038	.20758	.21307	.20753	.21817	.21441
SDev	.00269	.00626	.00024	.00468	.00010	.00088	.00100
%RSD	1.2392	2.9776	.11469	2.1964	.04864	.40248	.46635
#1	.21937	.21481	.20741	.20976	.20760	.21879	.21512
#2	.21556	.20595	.20774	.21638	.20746	.21755	.21371
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05113	.21040
SDev	.00003	.00111
%RSD	.06087	.52700
#1	.05110	.21118
#2	.05115	.20961
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5638	--	--	--	--	--	--
SDev	10.50026	--	--	--	--	--	--
%RSD	.1862466	--	--	--	--	--	--
#1	5630	--	--	--	--	--	--
#2	5645	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 05:21:16 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/03/08 05:16:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.323	.49299	.49822	.50803	.51213	25.403	.49667
SDev	.028	.00140	.00093	.00048	.00079	.071	.00128
%RSD	.11073	.28480	.18582	.09498	.15353	.28060	.25847
#1	25.303	.49398	.49757	.50837	.51157	25.353	.49577
#2	25.343	.49199	.49888	.50769	.51268	25.454	.49758
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49735	.52369	.49674	25.117	24.617	25.681	.51452
SDev	.00134	.00033	.00041	.044	.036	.053	.00091
%RSD	.26956	.06309	.08225	.17703	.14576	.20549	.17722
#1	.49640	.52345	.49703	25.086	24.592	25.644	.51387
#2	.49829	.52392	.49645	25.148	24.642	25.718	.51516
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.784	.50759	.51965	.50987	.51312	.51821	.51675
SDev	.120	.00119	.00567	.00749	.00688	.00293	.00172
%RSD	.48575	.23426	1.0911	1.4683	1.3411	.56455	.33222
#1	24.699	.50675	.51564	.50457	.50826	.51614	.51554
#2	24.869	.50843	.52365	.51516	.51799	.52028	.51797
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52324	.51571	.52639	Q.55687	.50082	.51089	.51199
SDev	.00350	.00264	.00065	.01516	.00008	.00147	.00545
%RSD	.66986	.51113	.12296	2.7229	.01579	.28874	1.0638
#1	.52076	.51384	.52594	.54615	.50087	.50984	.50814
#2	.52572	.51757	.52685	Q.56759	.50076	.51193	.51584
Errors	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.50602	.51012
SDev	.00024	.00166
%RSD	.04664	.32451
#1	.50586	.50895
#2	.50619	.51129
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5481	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1315861	--	--	--	--	--	--
#1	5486	--	--	--	--	--	--
#2	5476	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 05:26:23 AM page 1

Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/03/08 05:21:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00649	.00113	.00121	.00016	-.00027	.00913	.00013
SDev	.00361	.00166	.00063	.00000	.00005	.00067	.00001
%RSD	55.604	146.34	52.404	.42890	17.503	7.3104	10.780
#1	-.00394	-.00004	.00166	.00016	-.00024	.00865	.00012
#2	-.00904	.00231	.00076	.00016	-.00030	.00960	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00027	.00013	.01253	.03044	.00543	.00010
SDev	.00017	.00025	.00003	.00425	.01268	.00326	.00003
%RSD	134.45	92.563	19.951	33.943	41.645	60.054	33.818
#1	.00024	-.00045	.00011	.01554	.02147	.00773	.00007
#2	.00001	-.00009	.00015	.00952	.03940	.00312	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08527	.00106	-.00114	-.00091	-.00099	-.00054	.00246
SDev	.07223	.00041	.00177	.00084	.00002	.00245	.00005
%RSD	84.714	39.066	154.71	93.003	2.5296	452.65	2.1208
#1	-.13634	.00077	-.00239	-.00031	-.00100	.00119	.00250
#2	-.03419	.00135	.00011	-.00150	-.00097	-.00227	.00243
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00698	.00268	-.00025	.00061	.00080	-.00138	.00046
SDev	.00183	.00276	.00006	.00520	.00028	.00016	.00061
%RSD	26.246	103.02	21.825	849.39	35.566	11.475	133.27
#1	-.00569	.00463	-.00022	.00429	.00100	-.00149	.00089
#2	-.00828	.00073	-.00029	-.00307	.00060	-.00127	.00003
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00051	.00131
SDev	.00044	.00129
%RSD	87.747	98.681
#1	-.00082	.00040
#2	-.00019	.00222
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5638	--	--	--	--	--	--
SDev	9.333602	--	--	--	--	--	--
%RSD	.1655334	--	--	--	--	--	--
#1	5645	--	--	--	--	--	--
#2	5632	--	--	--	--	--	--

Analysis Report 10/03/08 05:31:26 AM page 1

Method: TRACE1 Sample Name: AD855776/SD Operator: TWS
Run Time: 10/03/08 05:26:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9790	.20624	.21024	.26198	.20237	25.734	.19815
SDev	.0507	.00245	.00066	.00163	.00137	.185	.00195
%RSD	.50840	1.1853	.31278	.62306	.67545	.71735	.98562
#1	9.9431	.20451	.20977	.26083	.20140	25.603	.19677
#2	10.015	.20797	.21070	.26314	.20333	25.864	.19954
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20379	.20151	.19743	10.974	11.853	16.841	.26838
SDev	.00166	.00139	.00088	.077	.062	.127	.00208
%RSD	.81595	.68999	.44650	.70304	.52415	.75350	.77404
#1	.20262	.20053	.19681	10.920	11.809	16.751	.26691
#2	.20497	.20249	.19805	11.029	11.897	16.930	.26985
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.837	.20823	.20478	.20143	.20254	.20378	.20412
SDev	.064	.00090	.00191	.00294	.00260	.00092	.00314
%RSD	.34099	.43221	.93045	1.4601	1.2818	.45054	1.5386
#1	18.792	.20759	.20343	.19935	.20071	.20313	.20190
#2	18.883	.20886	.20612	.20351	.20438	.20443	.20634
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20264	.20435	.19781	.20288	.19850	.20769	.20570
SDev	.00072	.00174	.00155	.00732	.00195	.00211	.00185
%RSD	.35694	.85089	.78260	3.6087	.98375	1.0144	.90063
#1	.20315	.20312	.19672	.19770	.19712	.20620	.20439
#2	.20213	.20558	.19891	.20806	.19988	.20918	.20701
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04885	.20308
SDev	.00044	.00186
%RSD	.90865	.91739
#1	.04854	.20176
#2	.04917	.20440
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5733	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1295101	--	--	--	--	--	--
#1	5738	--	--	--	--	--	--
#2	5728	--	--	--	--	--	--

Analysis Report 10/03/08 05:36:29 AM page 1

Method: TRACE1 Sample Name: AD855777 Operator: TWS
Run Time: 10/03/08 05:31:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01779	.00167	.29673	.07748	-.00019	98.569	.00013
SDev	.00030	.00164	.00274	.00048	.00003	.158	.00003
%RSD	1.6845	98.650	.92391	.61764	16.061	.15985	20.682
#1	.01758	.00050	.29479	.07715	-.00021	98.458	.00011
#2	.01801	.00283	.29867	.07782	-.00016	98.680	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00006	.00266	.01402	18.529	37.571	.00466
SDev	.00026	.00029	.00036	.01213	.035	.130	.00006
%RSD	26.880	444.63	13.508	86.545	.18750	.34480	1.3855
#1	.00113	.00027	.00291	.00544	18.505	37.479	.00461
#2	.00077	-.00014	.00240	.02260	18.554	37.663	.00470
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	78.555	.00509	-.00375	.00079	-.00072	.00077	-.00050
SDev	.249	.00103	.00044	.00309	.00191	.00010	.00029
%RSD	.31662	20.222	11.745	390.70	264.46	12.648	58.489
#1	78.379	.00436	-.00344	-.00139	-.00207	.00070	-.00070
#2	78.731	.00581	-.00406	.00297	.00063	.00084	-.00029
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00317	.00274	.00004	-.00653	.00061	.00286	.00006
SDev	.00210	.00091	.00001	.00253	.00030	.00051	.00042
%RSD	66.425	33.040	34.863	38.755	49.057	17.858	756.98
#1	-.00466	.00338	.00005	-.00474	.00040	.00250	.00035
#2	-.00168	.00210	.00003	-.00832	.00082	.00322	-.00024
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00062	.00054
SDev	.00030	.00169
%RSD	49.078	314.11
#1	-.00083	-.00066
#2	-.00040	.00174
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5578	--	--	--	--	--	--
SDev	35.63846	--	--	--	--	--	--
%RSD	.6388881	--	--	--	--	--	--
#1	5603	--	--	--	--	--	--
#2	5553	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855778 Operator: TWS
Run Time: 10/03/08 05:36:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02947	.00272	.07271	.01516	-.00017	45.836	.00002
SDev	.00193	.00061	.00101	.00006	.00003	.071	.00028
%RSD	6.5565	22.544	1.3929	.35961	14.803	.15385	1115.0
#1	.02810	.00229	.07199	.01512	-.00019	45.786	.00022
#2	.03083	.00316	.07342	.01520	-.00016	45.886	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00023	-.00005	.00805	3.5530	17.595	.00044
SDev	.00073	.00020	.00021	.00768	.0013	.030	.00000
%RSD	385.44	83.651	444.26	95.351	.03763	.16839	.13136
#1	.00033	-.00010	-.00020	.00262	3.5521	17.574	.00044
#2	-.00070	-.00037	.00010	.01349	3.5540	17.616	.00044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.468	.00135	-.00029	.00000	-.00009	-.00012	-.00064
SDev	.027	.00034	.00214	.00043	.00100	.00243	.00179
%RSD	.15249	25.102	747.25	14397.	1072.0	1950.1	281.58
#1	17.487	.00159	.00123	.00031	.00061	.00159	-.00190
#2	17.449	.00111	-.00180	-.00030	-.00080	-.00184	.00063
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00287	.00125	-.00007	-.00571	.00050	-.00006	.00012
SDev	.00488	.00120	.00003	.00413	.00014	.00077	.00061
%RSD	170.04	96.446	48.163	72.351	28.693	1224.6	512.66
#1	.00058	.00210	-.00009	-.00279	.00039	-.00061	-.00031
#2	-.00632	.00040	-.00005	-.00863	.00060	.00048	.00055
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00060	.00166
SDev	.00028	.00067
%RSD	46.430	40.340
#1	-.00080	.00214
#2	-.00041	.00119
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5638	--	--	--	--	--	--
SDev	6.045970	--	--	--	--	--	--
%RSD	.1072451	--	--	--	--	--	--
#1	5633	--	--	--	--	--	--
#2	5642	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855779 Operator: TWS
Run Time: 10/03/08 05:41:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00498	.00170	.06844	.04240	-.00047	39.304	-.00002
SDev	.00198	.00105	.00124	.00009	.00002	.016	.00014
%RSD	39.889	62.013	1.8175	.21943	5.2250	.04153	786.28
#1	.00638	.00245	.06932	.04233	-.00046	39.293	-.00012
#2	.00357	.00095	.06756	.04246	-.00049	39.316	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00040	.00137	.00621	15.308	16.969	.91784
SDev	.00042	.00038	.00013	.01522	.008	.008	.00152
%RSD	65.466	96.328	9.4707	245.03	.05174	.04491	.16540
#1	.00093	-.00013	.00146	.01697	15.314	16.964	.91677
#2	.00034	-.00067	.00128	-.00455	15.302	16.974	.91892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.101	.00351	-.00091	.00146	.00067	-.00043	.00018
SDev	.006	.00020	.00145	.00038	.00073	.00195	.00163
%RSD	.02690	5.8377	158.99	25.608	109.25	454.10	920.30
#1	21.105	.00365	-.00194	.00120	.00015	-.00180	.00133
#2	21.097	.00336	.00011	.00173	.00119	.00095	-.00097
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00141	-.00135	-.00027	L-.01312	.00059	-.00053	.00026
SDev	.00345	.00120	.00025	.00162	.00028	.00015	.00120
%RSD	244.98	88.836	94.524	12.322	47.921	27.973	465.18
#1	-.00103	-.00219	-.00009	L-.01426	.00079	-.00042	.00111
#2	.00384	-.00050	-.00044	L-.01197	.00039	-.00063	-.00059
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00086	-.00082
SDev	.00048	.00132
%RSD	55.810	161.53
#1	-.00052	-.00176
#2	-.00120	.00012
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5691	--	--	--	--	--	--
SDev	12.40959	--	--	--	--	--	--
%RSD	.2180535	--	--	--	--	--	--
#1	5700	--	--	--	--	--	--
#2	5682	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855780 Operator: TWS
Run Time: 10/03/08 05:46:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00995	.00054	.03394	.01187	-.00027	19.140	-.00025
SDev	.00033	.00288	.00083	.00001	.00003	.037	.00015
%RSD	3.2732	528.63	2.4363	.04994	12.703	.19118	58.732
#1	.00972	.00258	.03452	.01188	-.00025	19.115	-.00015
#2	.01018	-.00149	.03336	.01187	-.00030	19.166	-.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.00021	-.00031	.04075	2.3516	9.3180	.00340
SDev	.00039	.00035	.00005	.00828	.0042	.0108	.00008
%RSD	499.69	163.97	15.809	20.318	.17863	.11545	2.4098
#1	-.00036	.00003	-.00028	.03490	2.3486	9.3256	.00346
#2	.00020	-.00046	-.00035	.04661	2.3545	9.3104	.00334
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.103	.00135	-.00248	-.00104	-.00152	-.00274	.00033
SDev	.048	.00024	.00125	.00090	.00018	.00256	.00250
%RSD	.31797	17.522	50.291	86.447	12.145	93.599	763.51
#1	15.137	.00152	-.00337	-.00040	-.00139	-.00093	.00209
#2	15.070	.00118	-.00160	-.00168	-.00165	-.00455	-.00144
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00538	-.00142	-.00041	L-.01166	.00018	-.00009	.00057
SDev	.00278	.00246	.00013	.00045	.00085	.00017	.00039
%RSD	51.700	172.95	32.529	3.8388	467.30	184.80	68.578
#1	-.00341	.00032	-.00051	L-.01134	-.00042	.00003	.00085
#2	-.00735	-.00316	-.00032	L-.01198	.00079	-.00021	.00029
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00093	-.00022
SDev	.00055	.00104
%RSD	59.618	470.91
#1	-.00132	-.00096
#2	-.00054	.00052
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5689	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.4847283	--	--	--	--	--	--
#1	5670	--	--	--	--	--	--
#2	5709	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855781 Operator: TWS
Run Time: 10/03/08 05:51:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03198	.00173	.04682	.03331	-.00043	20.379	-.00017
SDev	.00288	.00105	.00102	.00001	.00001	.030	.00005
%RSD	8.9923	60.785	2.1805	.03247	2.6228	.14872	29.424
#1	.03401	.00247	.04754	.03332	-.00042	20.400	-.00014
#2	.02994	.00099	.04610	.03331	-.00044	20.357	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	-.00091	-.00037	.00191	1.7788	10.969	.00252
SDev	.00026	.00014	.00029	.01105	.0017	.014	.00003
%RSD	157.60	14.913	77.178	579.43	.09472	.12817	1.3530
#1	-.00002	-.00100	-.00058	.00972	1.7776	10.979	.00250
#2	.00034	-.00081	-.00017	-.00590	1.7800	10.959	.00255
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.017	.00193	-.00261	.00015	-.00077	.00055	-.00079
SDev	.120	.00002	.00332	.00154	.00008	.00154	.00185
%RSD	.75000	.98367	127.28	1021.8	10.135	282.06	235.67
#1	15.932	.00195	-.00496	.00124	-.00082	-.00054	.00052
#2	16.102	.00192	-.00026	-.00094	-.00071	.00163	-.00210
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00208	.00186	-.00014	L-.01028	-.00002	.00047	.00028
SDev	.00075	.00269	.00015	.00059	.00000	.00031	.00161
%RSD	36.189	144.36	111.58	5.6958	.66093	65.591	580.75
#1	-.00155	-.00004	-.00024	L-.01070	-.00002	.00068	-.00086
#2	-.00262	.00376	-.00003	-.00987	-.00002	.00025	.00141
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00101	-.00012
SDev	.00002	.00024
%RSD	2.3716	196.09
#1	-.00099	.00005
#2	-.00102	-.00029
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5665	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0730156	--	--	--	--	--	--
#1	5668	--	--	--	--	--	--
#2	5662	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 06:04:49 AM page 1

Method: TRACE1 Sample Name: CCV Operator: TWS
Run Time: 10/03/08 05:59:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.428	.47520	.48106	.48943	.49352	24.535	.47903
SDev	.013	.00468	.00074	.00040	.00076	.017	.00086
%RSD	.05502	.98445	.15448	.08231	.15370	.06779	.17924
#1	24.418	.47851	.48159	.48972	.49405	24.547	.47964
#2	24.437	.47189	.48054	.48915	.49298	24.523	.47843
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48046	.50461	.48107	24.200	24.005	24.766	.49616
SDev	.00105	.00034	.00124	.055	.124	.066	.00084
%RSD	.21790	.06831	.25745	.22793	.51478	.26774	.17018
#1	.48120	.50485	.48020	24.239	23.917	24.813	.49676
#2	.47972	.50437	.48195	24.161	24.092	24.719	.49557
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.957	.49071	.49894	.49627	.49716	.50042	.49979
SDev	.060	.00146	.00208	.00003	.00072	.00172	.00167
%RSD	.25202	.29734	.41730	.00658	.14384	.34422	.33344
#1	23.915	.49174	.49747	.49624	.49665	.49920	.49861
#2	24.000	.48968	.50041	.49629	.49766	.50164	.50097
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49850	.50139	.50841	.53336	.48453	.49734	.49178
SDev	.00203	.00157	.00018	.01681	.00065	.00105	.00279
%RSD	.40816	.31243	.03633	3.1525	.13460	.21099	.56664
#1	.49706	.50028	.50854	.52147	.48500	.49809	.49375
#2	.49994	.50249	.50828	.54524	.48407	.49660	.48981
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.49086	.49374
SDev	.00111	.00070
%RSD	.22624	.14103
#1	.49008	.49325
#2	.49165	.49424
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5642	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1316002	--	--	--	--	--	--
#1	5647	--	--	--	--	--	--
#2	5637	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: TWS
Run Time: 10/03/08 06:04:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00758	.00213	.00008	.00014	-.00009	.01678	.00018
SDev	.00964	.00043	.00111	.00011	.00016	.00602	.00009
%RSD	127.19	20.118	1462.8	77.761	175.36	35.916	50.740
#1	-.01440	.00183	-.00071	.00006	-.00020	.01252	.00012
#2	-.00076	.00244	.00086	.00022	.00002	.02104	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	-.00010	.00026	.01019	.03754	.01258	.00022
SDev	.00023	.00045	.00075	.00777	.01712	.00398	.00013
%RSD	296.38	449.32	287.58	76.223	45.599	31.603	60.764
#1	-.00008	-.00042	-.00027	.00470	.02543	.00977	.00012
#2	.00024	.00022	.00079	.01568	.04964	.01539	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05054	.00079	.00294	-.00104	.00028	-.00089	.00221
SDev	.14799	.00032	.00058	.00096	.00045	.00214	.00020
%RSD	292.79	41.177	19.727	92.316	158.40	241.01	9.1158
#1	-.05410	.00056	.00335	-.00172	-.00003	-.00240	.00207
#2	.15519	.00102	.00253	-.00036	.00060	.00063	.00235
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00381	.00057	-.00047	.00381	-.00032	-.00125	.00029
SDev	.00517	.00063	.00024	.00403	.00044	.00063	.00163
%RSD	135.56	109.09	51.478	105.60	136.45	50.411	552.77
#1	-.00747	.00013	-.00064	.00666	-.00001	-.00169	-.00086
#2	-.00016	.00102	-.00030	.00097	-.00063	-.00080	.00145
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00116	.00091
SDev	.00000	.00024
%RSD	.40973	26.544
#1	-.00116	.00074
#2	-.00117	.00108
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5582	--	--	--	--	--	--
SDev	4.560977	--	--	--	--	--	--
%RSD	.0817039	--	--	--	--	--	--
#1	5586	--	--	--	--	--	--
#2	5579	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: AH Date: 10/6/08 Secondary Review: TWS Date: 10/6/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-127-A	2100308	TRACE1	10/03/08	12:25		X	IR
2	STD 1 12-131-C	2100308	TRACE1	10/03/08	12:31		X	IR
3	STD 2 12-131-D	2100308	TRACE1	10/03/08	12:35		X	IR
4	STD 3 12-131-B	2100308	TRACE1	10/03/08	12:40		X	IR
5	STD 3 VER 1	2100308	TRACE1	10/03/08	12:45	AH	B	CONC
6	ICV 12-129-E	2100308	TRACE1	10/03/08	12:50	AH	Q	CONC
7	ICB 12-127-A	2100308	TRACE1	10/03/08	13:02	AH	B	CONC
8	CRI 12-124-A 10/6/08	2100308	TRACE1	10/03/08	13:07	AH	B	CONC
9	ICSA 12-124-B	2100308	TRACE1	10/03/08	13:12	AH	Q	CONC
10	ICSAB 12-121-C	2100308	TRACE1	10/03/08	13:17	AH	Q	CONC
11	CCV 12-127-F	2100308	TRACE1	10/03/08	13:23	AH	Q	CONC
12	CCB 12-127-A	2100308	TRACE1	10/03/08	13:28	AH	B	CONC
13	AD856211/PB	2100308	TRACE1	10/03/08	13:33	AH	S	CONC
14	AD856210/FB	2100308	TRACE1	10/03/08	13:38	AH	S	CONC
15	AD856209/PB	2100308	TRACE1	10/03/08	13:43	AH	S	CONC
16	AD856208/FB	2100308	TRACE1	10/03/08	13:48	AH	S	CONC
17	AD856187 B825	2100308	TRACE1	10/03/08	13:54	AH	S	CONC
18	AD856188	2100308	TRACE1	10/03/08	13:59	AH	S	CONC
19	AD856189	2100308	TRACE1	10/03/08	14:04	AH	S	CONC
20	AD856190	2100308	TRACE1	10/03/08	14:09	AH	S	CONC
21	AD856191	2100308	TRACE1	10/03/08	14:14	AH	S	CONC
22	AD856192	2100308	TRACE1	10/03/08	14:19	AH	S	CONC
23	CCV	2100308	TRACE1	10/03/08	14:27	AH	Q	CONC
24	CCB	2100308	TRACE1	10/03/08	14:32	AH	B	CONC
25	AD856192/L (1:5)	2100308	TRACE1	10/03/08	14:37	AH	S	CONC
26	AD856192/PS	2100308	TRACE1	10/03/08	14:42	AH	S	CONC
27	AD856193/MS	2100308	TRACE1	10/03/08	14:47	AH	S	CONC
28	AD856194/SD	2100308	TRACE1	10/03/08	14:52	AH	S	CONC
29	AD856195	2100308	TRACE1	10/03/08	14:57	AH	S	CONC
30	AD856196	2100308	TRACE1	10/03/08	15:02	AH	S	CONC
31	AD856197	2100308	TRACE1	10/03/08	15:07	AH	S	CONC
32	AD856198	2100308	TRACE1	10/03/08	15:12	AH	S	CONC
33	AD856199	2100308	TRACE1	10/03/08	15:17	AH	S	CONC
34	AD856200	2100308	TRACE1	10/03/08	15:22	AH	S	CONC
35	CCV	2100308	TRACE1	10/03/08	15:30	AH	Q	CONC
36	CCB	2100308	TRACE1	10/03/08	15:35	AH	B	CONC
37	AD856201	2100308	TRACE1	10/03/08	15:40	AH	S	CONC
38	AD856202	2100308	TRACE1	10/03/08	15:45	AH	S	CONC
39	AD856203	2100308	TRACE1	10/03/08	15:50	AH	S	CONC
40	AD854539 B646	2100308	TRACE1	10/03/08	15:57	AH	S	CONC
41	AD854540	2100308	TRACE1	10/03/08	16:02	AH	S	CONC
42	AD854541	2100308	TRACE1	10/03/08	16:07	AH	S	CONC
43	AD856609/PB	2100308	TRACE1	10/03/08	16:15	AH	S	CONC
44	CRI	2100308	TRACE1	10/03/08	16:24	AH	B	CONC
45	ICSA	2100308	TRACE1	10/03/08	16:29	AH	Q	CONC
46	ICSAB	2100308	TRACE1	10/03/08	16:34	AH	Q	CONC
47	CCV	2100308	TRACE1	10/03/08	16:41	AH	Q	CONC
48	CCB	2100308	TRACE1	10/03/08	16:46	AH	B	CONC

Raw data for sample AD856882/FB were reprinted after the run

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD856608/CLPSL	2100308	TRACE1	10/03/08	16:51	AH	S	CONC
50	AD856587 B795	2100308	TRACE1	10/03/08	16:56	AH	S	CONC
51	AD856587/L (1:5)	2100308	TRACE1	10/03/08	17:01	AH	S	CONC
52	AD856587/PS	2100308	TRACE1	10/03/08	17:06	AH	S	CONC
53	AD856588/MS	2100308	TRACE1	10/03/08	17:11	AH	S	CONC
54	AD856589/SD	2100308	TRACE1	10/03/08	17:25	AH	S	CONC
55	AD856590	2100308	TRACE1	10/03/08	17:30	AH	S	CONC
56	AD856591	2100308	TRACE1	10/03/08	17:35	AH	S	CONC
57	AD856592	2100308	TRACE1	10/03/08	17:40	AH	S	CONC
58	AD856593	2100308	TRACE1	10/03/08	17:45	AH	S	CONC
59	CCV	2100308	TRACE1	10/03/08	17:53	AH	Q	CONC
60	CCB	2100308	TRACE1	10/03/08	17:58	AH	B	CONC
61	AD856594	2100308	TRACE1	10/03/08	18:03	AH	S	CONC
62	AD856595	2100308	TRACE1	10/03/08	18:08	AH	S	CONC
63	AD855948/PB	2100308	TRACE1	10/03/08	18:16	AH	S	CONC
64	AD855947/FB	2100308	TRACE1	10/03/08	18:21	AH	S	CONC
65	AD855765 B794	2100308	TRACE1	10/03/08	18:26	AH	S	CONC
66	AD855766	2100308	TRACE1	10/03/08	18:31	AH	S	CONC
67	AD855767	2100308	TRACE1	10/03/08	18:36	AH	S	CONC
68	AD855768	2100308	TRACE1	10/03/08	18:41	AH	S	CONC
69	AD855769	2100308	TRACE1	10/03/08	18:46	AH	S	CONC
70	AD855770	2100308	TRACE1	10/03/08	18:51	AH	S	CONC
71	CCV	2100308	TRACE1	10/03/08	18:59	AH	Q	CONC
72	CCB	2100308	TRACE1	10/03/08	19:05	AH	B	CONC
73	AD855771	2100308	TRACE1	10/03/08	19:10	AH	S	CONC
74	AD856893/PB	2100308	TRACE1	10/03/08	19:18	AH	S	CONC
75	AD856892/LCS	2100308	TRACE1	10/03/08	19:23	AH	S	CONC
76	AD856891/EBLK	2100308	TRACE1	10/03/08	19:28	AH	S	CONC
77	AD856884 B631	2100308	TRACE1	10/03/08	19:33	AH	S	CONC
78	AD856884/L (1:5)	2100308	TRACE1	10/03/08	19:38	AH	S	CONC
79	AD856884/PS	2100308	TRACE1	10/03/08	19:43	AH	S	CONC
80	AD856885/MS	2100308	TRACE1	10/03/08	19:48	AH	S	CONC
81	AD856886/SD	2100308	TRACE1	10/03/08	19:53	AH	S	CONC
82	AD856887	2100308	TRACE1	10/03/08	19:58	AH	S	CONC
83	CCV	2100308	TRACE1	10/03/08	20:06	AH	Q	CONC
84	CCB	2100308	TRACE1	10/03/08	20:11	AH	B	CONC
85	AD856888 B626	2100308	TRACE1	10/03/08	20:16	AH	S	CONC
86	AD856889 B971	2100308	TRACE1	10/03/08	20:21	AH	S	CONC
87	AD856890 B987	2100308	TRACE1	10/03/08	20:26	AH	S	CONC
88	AD856901/PB	2100308	TRACE1	10/03/08	20:34	AH	S	CONC
89	AD856900/LCS	2100308	TRACE1	10/03/08	20:39	AH	S	CONC
90	AD856894 B618	2100308	TRACE1	10/03/08	20:44	AH	S	CONC
91	AD856895 B687	2100308	TRACE1	10/03/08	20:49	AH	S	CONC
92	AD856895/L (1:5)	2100308	TRACE1	10/03/08	20:54	AH	S	CONC
93	CCV	2100308	TRACE1	10/03/08	21:02	AH	Q	CONC
94	CCB	2100308	TRACE1	10/03/08	21:08	AH	B	CONC
95	STD BLK	2100308	TRACE1	10/03/08	21:25		X	IR
96	STD 1	2100308	TRACE1	10/03/08	21:30		X	IR
97	STD 2	2100308	TRACE1	10/03/08	21:35		X	IR
98	STD 3	2100308	TRACE1	10/03/08	21:39		X	IR
99	STD 3 VER	2100308	TRACE1	10/03/08	21:44	AH	B	CONC
100	ICV	2100308	TRACE1	10/03/08	21:49	AH	Q	CONC
101	ICB	2100308	TRACE1	10/03/08	21:54	AH	B	CONC
102	CRI	2100308	TRACE1	10/03/08	21:59	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICSA	2100308	TRACE1	10/03/08	22:04	AH	Q	CONC
104	ICSAB	2100308	TRACE1	10/03/08	22:09	AH	Q	CONC
105	CCV	2100308	TRACE1	10/03/08	22:17	AH	Q	CONC
106	CCB	2100308	TRACE1	10/03/08	22:22	AH	B	CONC
107	AD856895/PS	2100308	TRACE1	10/03/08	22:28	AH	S	CONC
108	AD856896/MS	2100308	TRACE1	10/03/08	22:33	AH	S	CONC
109	AD856897/SD	2100308	TRACE1	10/03/08	22:38	AH	S	CONC
110	AD856899 C101	2100308	TRACE1	10/03/08	22:43	AH	S	CONC
111	AD856883/PB	2100308	TRACE1	10/03/08	22:51	AH	S	CONC
112	AD856882/FB	2100308	TRACE1	10/03/08	22:56	AH	S	CONC
113	AD856860 B089	2100308	TRACE1	10/03/08	23:01	AH	S	CONC
114	AD856861 C020	2100308	TRACE1	10/03/08	23:06	AH	S	CONC
115	AD856862	2100308	TRACE1	10/03/08	23:11	AH	S	CONC
116	AD856863	2100308	TRACE1	10/03/08	23:16	AH	S	CONC
117	CCV	2100308	TRACE1	10/03/08	23:24	AH	Q	CONC
118	CCB	2100308	TRACE1	10/03/08	23:29	AH	B	CONC
119	AD856864	2100308	TRACE1	10/03/08	23:34	AH	S	CONC
120	AD856864/L (1:5)	2100308	TRACE1	10/03/08	23:39	AH	S	CONC
121	AD856864/PS	2100308	TRACE1	10/03/08	23:44	AH	S	CONC
122	AD856865/MD	2100308	TRACE1	10/03/08	23:49	AH	S	CONC
123	AD856866/MS	2100308	TRACE1	10/03/08	23:54	AH	S	CONC
124	AD856867	2100308	TRACE1	10/03/08	23:59	AH	S	CONC
125	AD856868	2100308	TRACE1	10/04/08	00:04	AH	S	CONC
126	AD856869 C077	2100308	TRACE1	10/04/08	00:10	AH	S	CONC
127	AD856870 C085	2100308	TRACE1	10/04/08	00:15	AH	S	CONC
128	AD856871	2100308	TRACE1	10/04/08	00:20	AH	S	CONC
129	CCV	2100308	TRACE1	10/04/08	00:28	AH	Q	CONC
130	CCB	2100308	TRACE1	10/04/08	00:33	AH	B	CONC
131	AD856872 C088	2100308	TRACE1	10/04/08	00:38	AH	S	CONC
132	AD856873 C089	2100308	TRACE1	10/04/08	00:43	AH	S	CONC
133	AD856874 C091	2100308	TRACE1	10/04/08	00:48	AH	S	CONC
134	AD856875 C092	2100308	TRACE1	10/04/08	00:53	AH	S	CONC
135	AD856876 C098	2100308	TRACE1	10/04/08	00:58	AH	S	CONC
136	AD856877	2100308	TRACE1	10/04/08	01:03	AH	S	CONC
137	AD856878	2100308	TRACE1	10/04/08	01:08	AH	S	CONC
138	AD856879	2100308	TRACE1	10/04/08	01:13	AH	S	CONC
139	AD856880	2100308	TRACE1	10/04/08	01:18	AH	S	CONC
140	AD856937 C126	2100308	TRACE1	10/04/08	01:23	AH	S	CONC
141	CCV	2100308	TRACE1	10/04/08	01:31	AH	Q	CONC
142	CCB	2100308	TRACE1	10/04/08	01:37	AH	B	CONC
143	AD856799/PB	2100308	TRACE1	10/04/08	01:42	AH	S	CONC
144	AD856798/FB	2100308	TRACE1	10/04/08	01:47	AH	S	CONC
145	AD856797/PB	2100308	TRACE1	10/04/08	01:52	AH	S	CONC
146	AD856796/FB	2100308	TRACE1	10/04/08	01:57	AH	S	CONC
147	AD856774 B407	2100308	TRACE1	10/04/08	02:02	AH	S	CONC
148	AD856775 C014	2100308	TRACE1	10/04/08	02:07	AH	S	CONC
149	AD856776 C016	2100308	TRACE1	10/04/08	02:12	AH	S	CONC
150	AD856777 C085	2100308	TRACE1	10/04/08	02:17	AH	S	CONC
151	AD856778	2100308	TRACE1	10/04/08	02:22	AH	S	CONC
152	AD856779 C090	2100308	TRACE1	10/04/08	02:27	AH	S	CONC
153	CCV	2100308	TRACE1	10/04/08	02:35	AH	Q	CONC
154	CCB	2100308	TRACE1	10/04/08	02:40	AH	B	CONC
155	AD856780	2100308	TRACE1	10/04/08	02:45	AH	S	CONC
156	AD856781	2100308	TRACE1	10/04/08	02:51	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD856781/L (1:5) C090	2100308	TRACE1	10/04/08	02:56	AH	S	CONC
158	AD856781/PS	2100308	TRACE1	10/04/08	03:01	AH	S	CONC
159	AD856782/MS	2100308	TRACE1	10/04/08	03:06	AH	S	CONC
160	AD856783/SD	2100308	TRACE1	10/04/08	03:11	AH	S	CONC
161	AD856784	2100308	TRACE1	10/04/08	03:16	AH	S	CONC
162	AD856785	2100308	TRACE1	10/04/08	03:21	AH	S	CONC
163	AD856786	2100308	TRACE1	10/04/08	03:26	AH	S	CONC
164	AD856787	2100308	TRACE1	10/04/08	03:31	AH	S	CONC
165	CCV	2100308	TRACE1	10/04/08	03:39	AH	Q	CONC
166	CCB	2100308	TRACE1	10/04/08	03:44	AH	B	CONC
167	AD856788	2100308	TRACE1	10/04/08	03:49	AH	S	CONC
168	AD856789	2100308	TRACE1	10/04/08	03:54	AH	S	CONC
169	AD856790	2100308	TRACE1	10/04/08	04:00	AH	S	CONC
170	AD856791 C098	2100308	TRACE1	10/04/08	04:05	AH	S	CONC
171	AD856792	2100308	TRACE1	10/04/08	04:10	AH	S	CONC
172	AD856793	2100308	TRACE1	10/04/08	04:15	AH	S	CONC
173	AD856794	2100308	TRACE1	10/04/08	04:20	AH	S	CONC
174	AD856795	2100308	TRACE1	10/04/08	04:25	AH	S	CONC
175	CCV	2100308	TRACE1	10/04/08	04:33	AH	Q	CONC
176	CCB	2100308	TRACE1	10/04/08	04:38	AH	B	CONC
177	STD BLK	2100308	TRACE1	10/04/08	04:55		X	IR
178	STD 1	2100308	TRACE1	10/04/08	05:00		X	IR
179	STD 2	2100308	TRACE1	10/04/08	05:05		X	IR
180	STD 3	2100308	TRACE1	10/04/08	05:10		X	IR
181	STD 3 VER	2100308	TRACE1	10/04/08	05:15	AH	B	CONC
182	ICV	2100308	TRACE1	10/04/08	05:20	AH	Q	CONC
183	ICB	2100308	TRACE1	10/04/08	05:25	AH	B	CONC
184	CRI	2100308	TRACE1	10/04/08	05:30	AH	B	CONC
185	ICSA	2100308	TRACE1	10/04/08	05:35	AH	Q	CONC
186	ICSAB	2100308	TRACE1	10/04/08	05:40	AH	Q	CONC
187	CCV	2100308	TRACE1	10/04/08	05:48	AH	Q	CONC
188	CCB	2100308	TRACE1	10/04/08	05:53	AH	B	CONC
189	AD856725/PB	2100308	TRACE1	10/04/08	05:58	AH	S	CONC
190	AD856724/FB	2100308	TRACE1	10/04/08	06:03	AH	S	CONC
191	AD856710 B146	2100308	TRACE1	10/04/08	06:08	AH	S	CONC
192	AD856711	2100308	TRACE1	10/04/08	06:13	AH	S	CONC
193	AD856712 B143	2100308	TRACE1	10/04/08	06:18	AH	S	CONC
194	AD856713 B144	2100308	TRACE1	10/04/08	06:23	AH	S	CONC
195	AD856714 C007	2100308	TRACE1	10/04/08	06:29	AH	S	CONC
196	AD856715	2100308	TRACE1	10/04/08	06:34	AH	S	CONC
197	AD856716	2100308	TRACE1	10/04/08	06:39	AH	S	CONC
198	AD856717 C074	2100308	TRACE1	10/04/08	06:44	AH	S	CONC
199	CCV	2100308	TRACE1	10/04/08	06:52	AH	Q	CONC
200	CCB	2100308	TRACE1	10/04/08	06:57	AH	B	CONC
201	AD856718	2100308	TRACE1	10/04/08	07:02	AH	S	CONC
202	AD856719	2100308	TRACE1	10/04/08	07:07	AH	S	CONC
203	AD856719/L (1:5)	2100308	TRACE1	10/04/08	07:12	AH	S	CONC
204	AD856719/PS	2100308	TRACE1	10/04/08	07:17	AH	S	CONC
205	AD856720/MD	2100308	TRACE1	10/04/08	07:22	AH	S	CONC
206	AD856721/MS	2100308	TRACE1	10/04/08	07:27	AH	S	CONC
207	AD856722	2100308	TRACE1	10/04/08	07:32	AH	S	CONC
208	CRI	2100308	TRACE1	10/04/08	07:43	AH	B	CONC
209	ICSA	2100308	TRACE1	10/04/08	07:48	AH	Q	CONC
210	ICSAB	2100308	TRACE1	10/04/08	07:54	AH	Q	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	CCV	2100308	TRACE1	10/04/08	08:00	AH	Q	CONC
212	CCB	2100308	TRACE1	10/04/08	08:05	AH	B	CONC
213	AD856723 C074	2100308	TRACE1	10/04/08	08:10	AH	S	CONC
214	AD856909/PB	2100308	TRACE1	10/04/08	08:18	AH	S	CONC
215	AD856908/FB	2100308	TRACE1	10/04/08	08:23	AH	S	CONC
216	AD856902 B941	2100308	TRACE1	10/04/08	08:28	AH	S	CONC
217	AD856902/L (1:5)	2100308	TRACE1	10/04/08	08:34	AH	S	CONC
218	AD856902/PS	2100308	TRACE1	10/04/08	08:39	AH	S	CONC
219	AD856910/MD	2100308	TRACE1	10/04/08	08:44	AH	S	CONC
220	AD856903/MS	2100308	TRACE1	10/04/08	08:49	AH	S	CONC
221	AD856905	2100308	TRACE1	10/04/08	08:54	AH	S	CONC
222	AD856906	2100308	TRACE1	10/04/08	08:59	AH	S	CONC
223	CCV	2100308	TRACE1	10/04/08	09:07	AH	Q	CONC
224	CCB	2100308	TRACE1	10/04/08	09:12	AH	B	CONC
225	AD856907	2100308	TRACE1	10/04/08	09:17	AH	S	CONC
226	CRI	2100308	TRACE1	10/04/08	09:30	AH	B	CONC
227	ICSA	2100308	TRACE1	10/04/08	09:35	AH	Q	CONC
228	ICSAB	2100308	TRACE1	10/04/08	09:40	AH	Q	CONC
229	CCV	2100308	TRACE1	10/04/08	09:46	AH	Q	CONC
230	CCB	2100308	TRACE1	10/04/08	09:51	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.16362	5.04926	24.3705	48.555	49.275	18.560
2	As1890	.09557	1.39841	6.53157	12.9922	.98114	.36496
3	B_2496	.02571	.47167	2.26234	4.50372	.99004	.36759
4	Ba4934	.0015	.82726	4.10329	8.14111	.98387	.37158
5	Be3130	.12665	1.80462	8.40794	16.5092	.97857	.37224
6	Ca3179	.04597			46.9938	48.958	18.543
7	Cd2265	.00497	2.19514	10.6192	21.2232	.96963	.36846
8	Co2286	-.00572	.94528	4.66821	9.30246	.97862	.36511
9	Cr2677	.00253	.74169	3.65492	7.27491	.97931	.38197
10	Cu3247	.00628	.56108	2.7839	5.5251	.98756	.36601
11	Fe2714	-.00112	.82966	4.08412	8.15611	48.908	18.456
12	K_7664	-.26961			168.557	49.595	18.778
13	Mg2790	.01397			23.7977	49.088	18.607
14	Mn2576	.00103	.44622	2.19506	4.36703	.98040	.37499
15	Na3302	.01211			2.61416	49.709	18.290
16	Ni2316	-.01856	.73528	3.64252	7.29553	.97253	.37323
17	2203/1	.02786	.61172	2.94046	5.82321	.98430	.37960
18	2203/2	-.05268	3.27038	16.1479	32.0744	.97227	.37074
19	Sb2068	.00243	.20837	1.04539	2.09447	.99258	.38421
20	1960/1	-.05743	.37425	2.04714	4.15831	.97992	.38050
21	1960/2	.03947	.56268	2.60314	5.14451	.97175	.37298
22	Ti3372	-.00938	1.31378	6.5281	12.9914	.97939	.38614
23	Tl1908	-.01521	.3526	1.88482	3.856	1.0124	.38599
24	V_2924	.00028	.09973	.49544	.98969	.98433	.36800
25	Zn2062	.00121	.09552	.46266	.91762	.97325	.37812
26	Sn1899	-.00243	.06451	.33544	.67429	.98923	.38374
27	Ag3280	-.03752	.70044	3.65711	7.30473	.99041	.37252
28	Mo2020	.00065	.30657	1.49921	2.98295	.98442	.37391
29	*Y	5329.58	5223.83	5246.85	5287.05	5315.25	5367.98
30	PB2203					.97628	.37369
31	SE1960					.97446	.37549

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	-.00778	.19646	500.04	507.56	24.126	.03540
2	As1890	.00051	.01152	.00056	.10973	.47628	-.00019
3	B_2496	-.00017	.02070	.00067	.02087	.47788	-.00049
4	Ba4934	.00017	.00215	.00065	.51451	.48117	.00018
5	Be3130	.00003	.00204	.00018	.49228	.48880	.00003
6	Ca3179	-.00320	.48857	500.09	508.79	24.368	.04057
7	Cd2265	.00021	.00109	-.00004	.97887	.48179	.00017
8	Co2286	.00018	.00451	-.00005	.47996	.47843	.00018
9	Cr2677	.00035	.00415	-.00080	.50266	.49918	.00015
10	Cu3247	.00072	.00989	-.00119	.51307	.47488	.00018
11	Fe2714	.01039	.05807	192.80	97.611	24.109	.01598
12	K_7664	.03437	.49535	.00955	.01818	24.831	.00375
13	Mg2790	-.00444	.20024	506.40	509.40	24.528	.04493
14	Mn2576	.00009	.00305	-.00026	.49140	.49231	.00005
15	Na3302	-.10159	.92015	-.05334	-.06898	23.908	-.03757
16	Ni2316	.00041	.01077	.00168	.94968	.48855	.00103
17	2203/1	-.00266	.00157	.02446	.08306	.49446	-.00042
18	2203/2	.00135	.00823	-.01101	.03325	.49133	.00069

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00050	.02001	.00022	.64107	.49773	-.00080
20	1960/1	-.00369	.01946	-.01244	.06058	.49061	-.00146
21	1960/2	.00190	.01730	.00413	.04815	.49162	.00083
22	Ti3372	.00062	.00567	.00018	.00225	.50325	.00064
23	Tl1908	.00474	.02071	-.00510	.09734	.49453	.00802
24	V_2924	.00037	.00550	.00041	.50721	.47844	.00018
25	Zn2062	.00119	.01141	-.00339	.96829	.49390	.00037
26	Sn1899	.00209	.00964	.00482	.00307	.49911	.00141
27	Ag3280	-.00007	.00337	-.00013	.21304	.48476	-.00011
28	Mo2020	.00092	.01223	.00099	.00114	.49156	.00106
29	*Y	5334.75	5410.8	5105.93	5101.58	5444.33	5379.3
30	PB2203	.00001	.00601	.00080	.04983	.49238	.00031
31	SE1960	.00003	.01802	-.00139	.05229	.49128	.00006

#	Element	AD8'1/PB	AD8'0/FB	AD8'9/PB	AD8'8/FB	AD856187	AD856188
1	Al3082	H.09436	9.9660	.02889	10.115	.06945	.03471
2	As1890	-.00006	.20513	.00063	.20759	.00134	.00057
3	B_2496	.00269	.20012	.00296	.20138	2.9181	.11505
4	Ba4934	.00017	.20109	.00004	.20328	.06259	.03525
5	Be3130	-.00006	.20072	-.00019	.20284	.00010	-.00016
6	Ca3179	.09437	10.070	.04852	10.154	110.59	51.014
7	Cd2265	.00025	.20162	.00002	.20181	-.00014	.00019
8	Co2286	.00018	.20125	-.00018	.20226	.00153	.00240
9	Cr2677	.00058	.20126	-.00024	.20297	.00475	.00018
10	Cu3247	.00048	.19830	-.00002	.20032	-.00022	.00071
11	Fe2714	.01578	10.091	.00139	10.175	14.598	.09948
12	K_7664	-.00374	10.461	.00145	10.525	.71749	2.5651
13	Mg2790	.04909	10.087	-.00473	10.188	26.256	9.2951
14	Mn2576	.00021	.20194	-.00003	.20368	.36102	.13148
15	Na3302	-.08772	10.001	-.01723	10.137	20.477	157.29
16	Ni2316	.00051	.20076	.00087	.20258	.00139	.00197
17	2203/1	.00108	.20557	-.00205	.20647	-.00249	-.00100
18	2203/2	.00055	.20396	.00188	.20559	.00102	.00129
19	Sb2068	-.00218	.20364	.00050	.20249	-.00315	-.00015
20	1960/1	.00289	.20067	-.00011	.20956	-.00006	.00033
21	1960/2	.00135	.20268	.00014	.20281	.00022	-.00135
22	Ti3372	.00065	.19933	.00050	.20085	.00802	.00028
23	Tl1908	.00385	.19940	.00625	.20160	.00387	.00069
24	V_2924	-.00019	.19839	-.00001	.20035	.01281	.00027
25	Zn2062	.00239	.20167	.00198	.20638	.00679	.00372
26	Sn1899	.00159	.20744	.00214	.21043	.00221	.00151
27	Ag3280	-.00025	.05006	-.00038	.05106	-.00018	.00015
28	Mo2020	.00010	.20118	.00061	.20337	.00008	.00523
29	*Y	5498.48	5505.68	5522.92	5487.08	5451.23	5438.93
30	PB2203	.00072	.20450	.00057	.20588	-.00014	.00052
31	SE1960	.00186	.20201	.00005	.20506	.00013	-.00079

#	Element	AD856189	AD856190	AD856191	AD856192	CCV	CCB
1	Al3082	.03770	.05385	.10147	.21361	23.583	.01456
2	As1890	.00005	.00381	.00259	.00079	.46777	.00099
3	B_2496	.57088	1.1032	.28457	.53319	.46862	.00030
4	Ba4934	.07605	.05436	.05067	.04493	.47032	.00015
5	Be3130	-.00015	-.00007	-.00033	-.00015	.47489	-.00008
6	Ca3179	143.94	126.71	29.416	135.52	23.612	.01833
7	Cd2265	.02026	-.00009	-.00015	.00011	.46991	.00012
8	Co2286	.00443	.00145	.00070	.00246	.46583	.00005
9	Cr2677	.00077	.00119	.00013	.00017	.48450	-.00011
10	Cu3247	.00141	-.00071	.00015	.00381	.46435	.00010
11	Fe2714	1.1391	17.114	.59745	.02097	23.479	.01240
12	K_7664	1.3113	.93065	17.144	3.3087	24.408	.00261
13	Mg2790	30.162	32.349	6.7024	35.083	23.849	.01682
14	Mn2576	.69546	.80101	.11651	1.8713	.47858	.00024
15	Na3302	30.522	21.508	8.2793	48.389	23.390	-.13125
16	Ni2316	.00693	.00222	.00344	.00812	.47654	.00078
17	2203/1	.00056	-.00092	-.00179	-.00105	.47945	-.00288
18	2203/2	.00119	.00216	.00320	.00025	.47428	.00155
19	Sb2068	.00121	-.00402	.00061	-.00124	.49017	-.00085
20	1960/1	-.00042	.00411	.00196	-.00070	.48761	-.00228
21	1960/2	-.00352	.00306	.00073	.00268	.47948	.00411
22	Ti3372	.00048	.00254	.00071	.00102	.49109	.00059
23	Tl1908	.00110	.00129	-.00005	-.00082	.47341	.00572
24	V_2924	.00015	.00291	-.00011	.00054	.46637	.00035
25	Zn2062	.01049	.00559	.00553	.00409	.47530	.00012
26	Sn1899	.00121	.00345	.00133	.00074	.48913	.00040
27	Ag3280	-.00030	.00006	.00771	-.00012	.47407	-.00032
28	Mo2020	.00107	.00071	.00885	.00198	.47585	.00075
29	*Y	5428.05	5494.58	5575.65	5466.45	5525.7	5538.3
30	PB2203	.00098	.00113	.00153	-.00018	.47600	.00007
31	SE1960	-.00249	.00341	.00114	.00155	.48219	.00198

#	Element	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD856195	AD856196
1	Al3082	.04234	9.8135	10.019	9.7903	.01978	.02801
2	As1890	.00115	.19684	.20585	.19970	.00031	.00135
3	B_2496	.10586	.71135	.70360	.69513	.26321	.43184
4	Ba4934	.00912	.23669	.24547	.24197	.07097	.02548
5	Be3130	-.00004	.19429	.19947	.19536	.00003	-.00015
6	Ca3179	27.341	140.75	144.90	143.37	171.79	74.498
7	Cd2265	.00005	.19192	.19646	.19057	.00035	.00005
8	Co2286	.00061	.19210	.19774	.19365	.00109	.00251
9	Cr2677	.00013	.19205	.19808	.19310	-.00010	.00237
10	Cu3247	.00071	.19417	.20325	.19835	-.00037	-.00031
11	Fe2714	.00088	9.7020	9.9804	9.7182	.00552	6.4417
12	K_7664	.61981	13.956	14.214	14.182	3.7291	.58638
13	Mg2790	7.0524	44.012	45.278	44.920	42.216	19.866
14	Mn2576	.38107	2.0149	2.1060	2.0783	.01020	.20530
15	Na3302	9.4987	56.467	58.125	57.750	205.26	14.946
16	Ni2316	.00279	.19794	.20298	.19830	.00220	.00188
17	2203/1	.00147	.19076	.19666	.19219	-.00052	-.00155
18	2203/2	-.00001	.19198	.20091	.19416	.00209	-.00054

#	Element	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD856195	AD856196
19	Sb2068	.00357	.19465	.20357	.20038	.00156	-.00141
20	1960/1	.00328	.19447	.20101	.19978	.00026	.00000
21	1960/2	.00253	.19647	.20555	.19882	.00342	.00116
22	Ti3372	.00063	.19370	.19859	.19345	.00065	.00467
23	Tl1908	.00215	.19370	.20087	.19039	.00709	.00087
24	V_2924	.00017	.19306	.19786	.19276	-.00009	.00711
25	Zn2062	.00143	.19280	.19642	.19245	.00783	.00410
26	Sn1899	.00100	.16256	.20528	.20211	.00177	.00096
27	Ag3280	-.00009	.04880	.05096	.04971	.00017	-.00014
28	Mo2020	.00107	.19449	.19869	.19470	.00132	.00221
29	*Y	5449.73	5529.75	5398.58	5480.85	5406.6	5552.03
30	PB2203	.00047	.19157	.19949	.19351	.00122	-.00087
31	SE1960	.00278	.19580	.20403	.19914	.00237	.00077

#	Element	AD856197	AD856198	AD856199	AD856200	CCV	CCB
1	Al3082	.10286	.07498	.01602	.01394	23.634	.02097
2	As1890	.00326	.00154	.00081	.00080	.47014	.00015
3	B_2496	.39876	.29317	.91310	.70876	.46743	-.00012
4	Ba4934	.08351	.02722	.05612	.04481	.47034	.00022
5	Be3130	-.00018	-.00017	-.00006	-.00014	.47494	.00000
6	Ca3179	52.647	26.035	122.77	99.766	23.615	.02040
7	Cd2265	.00004	.00000	.00795	-.00018	.47104	.00007
8	Co2286	.00487	.00141	.00052	.00067	.46635	.00022
9	Cr2677	.00103	.00008	-.00012	-.00014	.48493	-.00001
10	Cu3247	-.00029	-.00023	-.00028	.00001	.46363	-.00013
11	Fe2714	7.7594	.14736	-.00795	.00486	23.513	.01300
12	K_7664	6.2022	8.8928	1.3067	.58270	24.515	-.00545
13	Mg2790	19.118	7.9196	41.130	37.418	23.862	.01745
14	Mn2576	.31355	.07356	.24773	.89397	.47852	.00014
15	Na3302	14.539	11.778	18.195	6.2782	23.326	-.12887
16	Ni2316	.00535	.00296	.00274	.00219	.47726	.00098
17	2203/1	.00043	-.00226	.00059	-.00087	.48068	-.00171
18	2203/2	.00091	.00214	.00093	.00164	.47706	.00099
19	Sb2068	-.00134	.00209	.00018	-.00111	.48716	.00071
20	1960/1	.00163	.00436	.00076	-.00029	.48561	-.00796
21	1960/2	.00090	-.00112	.00199	-.00011	.48080	.00269
22	Ti3372	.00244	.00033	.00034	.00066	.49108	.00062
23	Tl1908	.00197	.00316	-.00091	-.00011	.47768	.00647
24	V_2924	.00120	.00008	-.00037	.00017	.46577	.00026
25	Zn2062	.00704	.00416	.00661	.00589	.47433	.00003
26	Sn1899	.00135	.00224	.00123	.00127	.49079	.00214
27	Ag3280	-.00046	-.00020	-.00005	-.00025	.47320	-.00019
28	Mo2020	.00143	.00635	.00197	.00059	.47443	.00031
29	*Y	5477.25	5493.53	5422.58	5444.1	5491.58	5509.05
30	PB2203	.00075	.00067	.00082	.00080	.47826	.00009
31	SE1960	.00115	.00070	.00158	-.00017	.48240	-.00085

#	Element	AD856201	AD856202	AD856203	AD854539	AD854540	AD854541
1	Al3082	.03933	.02818	.04756	128.63	97.837	68.064
2	As1890	.00101	.00113	.00158	.20358	.69323	.20505
3	B_2496	.12782	.13076	2.8507	.34125	.33773	.14109
4	Ba4934	.02332	.04084	.06173	1.1346	.85952	.91642
5	Be3130	-.00007	.00009	-.00009	.02089	.01666	.00786
6	Ca3179	91.746	92.059	106.99	H1062.5	498.30	334.56
7	Cd2265	.00031	.00000	-.00012	.01004	.01363	.00796
8	Co2286	.00175	.00418	.00014	.03464	.09128	.03597
9	Cr2677	.00049	.00032	.00413	5.9793	.73158	.78163
10	Cu3247	-.00016	.00058	-.00046	.41182	.97485	.90714
11	Fe2714	-.00409	.03476	14.204	456.11	612.89	470.61
12	K_7664	1.2786	3.9975	.68745	12.739	11.448	6.4738
13	Mg2790	29.905	29.358	25.575	204.06	99.858	60.827
14	Mn2576	.00586	.02540	.35054	H68.288	H22.055	H21.446
15	Na3302	105.27	80.494	20.147	3.9023	4.0218	2.2831
16	Ni2316	.00129	.00224	.00106	.39015	.50221	.27645
17	2203/1	.00072	-.00162	-.00074	1.0262	.78524	.99653
18	2203/2	.00215	.00117	-.00012	1.0140	.77537	.98216
19	Sb2068	-.00304	-.00016	-.00146	.01364	.01260	.00993
20	1960/1	.00411	.00498	.00348	.01792	.00967	.00669
21	1960/2	.00102	.00887	.00284	.01223	.01148	.01099
22	Ti3372	.00027	.00061	.00782	7.5611	2.9405	2.5558
23	Tl1908	.00249	-.00066	-.00206	-.00262	L-.01322	-.00812
24	V_2924	-.00019	.00037	.01197	1.8727	.39044	.37844
25	Zn2062	.00707	.00640	.00309	2.3309	2.4426	4.8747
26	Sn1899	.00209	.00089	.00383	.07719	.10055	.09976
27	Ag3280	-.00034	.00010	-.00098	-.00287	.00062	.00058
28	Mo2020	.00085	.00166	-.00135	.21863	.04399	.05282
29	*Y	5512.05	5364.45	5498.25	5741.7	5696.48	5582.62
30	PB2203	.00168	.00024	-.00032	1.0181	.77866	.98694
31	SE1960	.00205	.00757	.00305	.01412	.01088	.00956

#	Element	AD8'9/PB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.02300	.18767	485.25	483.98	23.645	.09389
2	As1890	.00020	.00901	.00081	.10308	.46224	.00150
3	B_2496	-.00036	.01948	.00004	.01375	.46209	-.00068
4	Ba4934	.00027	.00210	.00062	.49092	.47186	.00020
5	Be3130	-.00016	.00167	.00021	.46163	.47401	-.00015
6	Ca3179	.04738	.46141	480.58	475.73	23.449	.08285
7	Cd2265	.00012	.00082	-.00044	.92014	.45821	.00030
8	Co2286	.00035	.00403	-.00035	.45235	.45967	.00028
9	Cr2677	.00100	.00397	-.00086	.47238	.48048	.00018
10	Cu3247	.00029	.00896	-.00183	.48782	.46335	-.00054
11	Fe2714	.02203	.05317	187.68	92.459	23.403	.02950
12	K_7664	.03211	.48981	.02184	.01161	24.929	-.00644
13	Mg2790	-.00435	.19090	489.25	478.53	23.788	.08540
14	Mn2576	.00102	.00322	-.00026	.46054	.47315	.00021
15	Na3302	-.01599	.86312	.01137	-.04800	23.298	-.12269
16	Ni2316	.00048	.01057	.00138	.89218	.47044	.00117
17	2203/1	.00063	.00469	.02434	.07677	.47431	-.00287
18	2203/2	.00097	.00625	-.01152	.03092	.46860	.00144

#	Element	AD8'9/PB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00259	.02092	-.00188	.60656	.48007	-.00218
20	1960/1	-.00543	.01465	-.00602	.05672	.48440	.00080
21	1960/2	.00283	.01986	-.00099	.04321	.47362	.00341
22	Ti3372	.00065	.00505	.00045	.00224	.48475	.00057
23	Tl1908	-.00158	.01737	-.00683	.09053	.47152	.00288
24	V_2924	-.00028	.00474	.00038	.47859	.46101	.00015
25	Zn2062	.00421	.01115	-.00249	.89300	.46584	.00029
26	Sn1899	H.03359	.01086	.00506	.00548	.48619	.00191
27	Ag3280	-.00046	.00261	.00073	.20350	.47237	.00040
28	Mo2020	.00156	.01048	-.00085	-.00043	.46754	.00114
29	*Y	5440.12	5521.28	5146.65	5180.85	5433.6	5651.78
30	PB2203	.00085	.00573	.00042	.04619	.47050	.00000
31	SE1960	.00008	.01812	-.00267	.04772	.47721	.00254

#	Element	AD8'LPSL	AD856587	AD8'1:5)	AD8'7/PS	AD8'8/MS	AD8'9/SD
1	Al3082	72.727	27.127	5.5764	44.441	46.562	45.945
2	As1890	1.0971	.15231	.03249	.50925	.52276	.50914
3	B_2496	1.1322	.06835	.01360	.42581	.43804	.43624
4	Ba4934	1.8652	.39157	.07946	.74452	.82135	.73855
5	Be3130	L.96310	.00158	.00025	.35541	.35266	.35832
6	Ca3179	79.990	217.40	44.760	226.43	302.21	679.13
7	Cd2265	.86592	.01305	.00261	.37003	.37608	.35924
8	Co2286	1.1153	.06380	.01362	.41478	.39929	.38598
9	Cr2677	1.8945	.93517	.19416	1.2913	.50978	.45952
10	Cu3247	1.3040	.63451	.12615	.98353	.98644	.81769
11	Fe2714	125.28	314.56	65.568	320.07	274.53	195.94
12	K_7664	43.696	4.5876	.86733	25.614	25.342	28.282
13	Mg2790	38.614	56.383	11.576	72.400	81.594	272.51
14	Mn2576	L4.1670	2.8136	.58425	3.0649	3.0803	3.2156
15	Na3302	6.6661	3.7133	.63059	22.430	22.677	22.733
16	Ni2316	1.0396	2.4780	.52087	2.8107	.53096	.47396
17	2203/1	1.3809	4.4980	.94851	4.6727	4.5171	3.0717
18	2203/2	1.3533	4.4929	.93640	4.6255	4.4825	3.0619
19	Sb2068	.45270	.11189	.02339	.47977	.36561	.38926
20	1960/1	.81141	.00983	.00332	.37682	.35722	.35819
21	1960/2	.78779	.01948	.00440	.37149	.35511	.36375
22	Ti3372	3.7245	.96560	.20406	1.2999	1.2155	1.2388
23	Tl1908	1.3593	-.00271	-.00025	.36317	.35802	.35939
24	V_2924	.98834	.07427	.01495	.43656	.44322	.44179
25	Zn2062	2.3185	1.5303	.32412	1.7929	1.7946	1.2244
26	Sn1899	.88287	.21288	.04562	.50269	.56595	.55916
27	Ag3280	.68092	.00108	.00045	.09353	.09430	.09848
28	Mo2020	.92149	.01567	.00419	.37556	.35912	.36131
29	*Y	5856.68	5586.98	5562.98	5608.28	5635.65	5343.23
30	PB2203	L1.3625	4.4946	.94043	4.6413	4.4940	3.0652
31	SE1960	.79565	.01627	.00404	.37326	.35581	.36189

#	Element	AD856590	AD856591	AD856592	AD856593	CCV	CCB
1	Al3082	29.190	34.829	46.490	35.311	23.354	.06153
2	As1890	.09596	.06760	.07062	.03884	.46396	.00134
3	B_2496	.07986	.08708	.07146	.07079	.46096	-.00045
4	Ba4934	.45288	.71129	.60102	.29686	.46073	-.00001
5	Be3130	.00189	.00247	.00282	.00221	.45562	.00017
6	Ca3179	114.27	499.13	215.78	616.77	23.395	.00940
7	Cd2265	.00740	.00338	.00096	.00030	.47462	.00003
8	Co2286	.02299	.04235	.04544	.03238	.45987	-.00002
9	Cr2677	.05975	.07999	.07123	.05790	.47712	.00013
10	Cu3247	.55944	.34165	.12407	.10934	.45133	-.00108
11	Fe2714	76.654	112.45	130.01	83.179	23.418	.01027
12	K_7664	6.4265	10.349	11.284	9.4722	23.696	.00380
13	Mg2790	38.711	242.46	111.96	121.71	23.090	.00176
14	Mn2576	1.4622	2.5752	5.7391	2.8644	.46510	.00015
15	Na3302	.99344	1.0930	9.0046	5.6380	22.734	-.10688
16	Ni2316	.07802	.08613	.11129	.08135	.47373	.00066
17	2203/1	1.5676	.96031	1.6668	.35430	.47235	.00283
18	2203/2	1.5448	.95204	1.6505	.34869	.46880	.00040
19	Sb2068	.00508	.00340	-.00028	.00159	.49577	.00045
20	1960/1	.01046	.00234	-.00217	.00163	.48031	-.00365
21	1960/2	.01091	.00535	.00675	.00212	.47402	.00644
22	Ti3372	1.2502	.79094	.51032	.43644	.48486	.00043
23	Tl1908	.00425	-.00297	-.00443	-.00296	.49490	.00563
24	V_2924	.08544	.08688	.08864	.08125	.46169	-.00001
25	Zn2062	1.1882	1.5570	.88204	.39075	.46398	.00064
26	Sn1899	.06812	.03814	.02162	.02683	.49792	.00184
27	Ag3280	.00084	.00112	.00007	.00119	.46393	.00052
28	Mo2020	.00671	.01059	.00804	.00661	.46139	.00097
29	*Y	5682.83	5685.75	5988.6	5694.3	5544.38	5442.75
30	PB2203	1.5524	.95479	1.6559	.35056	.46998	.00121
31	SE1960	.01076	.00435	.00377	.00196	.47611	.00308

#	Element	AD856594	AD856595	AD8'8/PB	AD8'7/FB	AD855765	AD855766
1	Al3082	48.451	42.614	.04842	9.9343	.10377	.07919
2	As1890	.03055	.15077	.00069	.20491	-.00121	.00551
3	B_2496	.04997	.08888	.00311	.19819	.16460	.60853
4	Ba4934	.37166	.32595	.00006	.19802	.17514	.07026
5	Be3130	.00187	.00244	-.00001	.19348	.00016	.00009
6	Ca3179	286.87	67.352	.05942	10.012	129.70	67.148
7	Cd2265	.00073	-.00019	.00001	.20452	.00000	-.00006
8	Co2286	.03330	.05092	-.00017	.19868	.00047	.00033
9	Cr2677	.12990	.05248	.00010	.20000	.00125	.00079
10	Cu3247	.16461	.07366	-.00116	.19080	-.00037	-.00128
11	Fe2714	83.824	113.07	.01349	10.132	.00340	.00771
12	K_7664	8.5479	11.442	.00648	10.143	7.0863	11.533
13	Mg2790	78.778	42.968	-.00671	9.8392	47.698	178.74
14	Mn2576	3.0562	1.7113	.00018	.19712	.00375	.03692
15	Na3302	3.4074	5.3360	-.14059	9.7437	7.5456	71.283
16	Ni2316	.08341	.10178	.00082	.20229	.00278	.00296
17	2203/1	.98330	.12678	-.00026	.20250	-.00076	-.00027
18	2203/2	.96291	.12026	.00034	.20232	.00130	.00014

#	Element	AD856594	AD856595	AD8'8/PB	AD8'7/FB	AD855765	AD855766
19	Sb2068	-.00128	.00222	-.00021	.20576	.00065	.00142
20	1960/1	.00049	.00338	.00314	.20350	.00194	.00297
21	1960/2	.00424	.00572	.00032	.20391	.00295	.00224
22	Ti3372	1.1429	.39304	.00041	.19723	.00068	.00046
23	Tl1908	-.00303	-.00111	-.00178	.20605	.00214	.00048
24	V_2924	.09238	.07265	.00007	.19732	.00036	.00026
25	Zn2062	.42943	.51172	.00343	.19721	.00792	.00892
26	Sn1899	.04220	.02949	.00081	.21477	.00169	.00139
27	Ag3280	.00127	.00026	.00045	.04993	.00091	.00050
28	Mo2020	.00326	.00559	-.00032	.19635	.00245	.00217
29	*Y	6051.3	6080.03	5543.55	5553.3	5469.53	5517.45
30	PB2203	.96970	.12243	.00014	.20238	.00061	.00000
31	SE1960	.00299	.00494	.00126	.20377	.00261	.00248

#	Element	AD855767	AD855768	AD855769	AD855770	CCV	CCB
1	Al3082	.13786	.15934	.20795	.26837	23.493	.02198
2	As1890	.00260	.00218	.00096	.00118	.46164	-.00064
3	B_2496	.59419	.71524	.02035	.32566	.45803	-.00075
4	Ba4934	.06872	.19298	.00014	.16668	.46384	.00006
5	Be3130	-.00007	.00020	-.00012	.00008	.45848	.00004
6	Ca3179	65.556	173.79	.28917	117.27	23.447	-.00643
7	Cd2265	.00001	-.00001	-.00001	-.00003	.47129	.00018
8	Co2286	.00004	-.00002	-.00008	.00109	.46087	.00019
9	Cr2677	.00085	.00029	.00043	.00049	.48151	.00032
10	Cu3247	-.00162	-.00141	-.00167	-.00143	.45338	-.00136
11	Fe2714	.01036	.21424	.01553	.03987	23.524	.00798
12	K_7664	11.337	13.791	.02094	8.8048	23.470	.02135
13	Mg2790	173.78	46.659	.00342	41.454	23.227	-.00899
14	Mn2576	.03670	1.3118	.00040	.26474	.46681	.00006
15	Na3302	70.518	92.246	-.12213	13.727	22.985	-.06786
16	Ni2316	.00209	.00221	.00060	.00712	.47586	.00089
17	2203/1	-.00120	-.00010	.00013	.00376	.47827	-.00115
18	2203/2	.00138	.00093	.00039	.00427	.47081	.00173
19	Sb2068	-.00175	.00230	.00123	.00252	.49050	.00137
20	1960/1	.00035	-.00181	.00119	.00468	.48371	.00057
21	1960/2	.00152	.00085	.00134	-.00233	.47195	.00195
22	Ti3372	.00057	.00074	.00061	.00088	.48640	.00050
23	Tl1908	-.00200	.00065	-.00118	-.00113	.49362	.00477
24	V_2924	.00016	.00045	.00025	.00017	.46383	.00034
25	Zn2062	.00512	.00553	.00259	.00524	.46537	.00049
26	Sn1899	.00208	.00292	.00177	.00101	.49373	.00163
27	Ag3280	.00073	.00036	-.00007	.00018	.46596	.00040
28	Mo2020	.00226	-.00031	.00015	.00210	.46056	.00107
29	*Y	5590.58	5415	5626.2	5492.78	5502.45	5598.45
30	PB2203	.00052	.00058	.00030	.00410	.47330	.00077
31	SE1960	.00113	-.00003	.00129	.00000	.47587	.00149

#	Element	AD855771	AD8'3/PB	AD8'/LCS	AD8'EBLK	AD856884	AD8'1:5)
1	Al3082	.05933	.05551	.08042	.07323	1.0003	.20470
2	As1890	.00432	.00096	.95683	-.00042	.00507	.00106
3	B_2496	.24479	.00580	.11107	H.10543	5.4239	1.0279
4	Ba4934	.06969	.00002	H1.2520	H.33533	.50879	.09899
5	Be3130	.00002	-.00011	.88900	-.00005	.00024	-.00017
6	Ca3179	32.027	.00528	.35770	.34746	40.304	7.8468
7	Cd2265	.00000	.00002	.97354	-.00004	.00305	.00058
8	Co2286	.00033	.00036	.89073	.00013	.00744	.00132
9	Cr2677	.00059	.00031	.93068	.00102	.03329	.00658
10	Cu3247	.00064	-.00123	.94326	.00226	.08579	.01573
11	Fe2714	.00335	.00743	.08807	.02149	1.3408	.25728
12	K_7664	25.257	.02590	.91433	H.92752	13.227	1.9840
13	Mg2790	17.050	-.00952	.05395	.05352	34.742	6.7415
14	Mn2576	.11430	-.00008	.93157	.00213	.76077	.14747
15	Na3302	276.29	-.09741	1101.2	H1108.9	H1150.5	295.60
16	Ni2316	.00439	.00113	.94449	.00163	.03942	.00892
17	2203/1	.00324	-.00197	.89218	.00176	.08489	.01635
18	2203/2	.00529	.00225	.88921	.00129	.08254	.01680
19	Sb2068	.00167	-.00247	.87155	.00087	.02466	.00070
20	1960/1	.00129	.00014	.99666	.00659	.00628	-.00136
21	1960/2	.00317	.00266	.98234	.00221	.00480	.00079
22	Ti3372	.00056	.00037	.00065	.00065	.00080	.00018
23	Tl1908	.00042	-.00055	.99740	.00205	.00114	.00007
24	V_2924	.00045	.00025	.93961	.00008	.00120	.00042
25	Zn2062	.00350	.00127	1.1172	H.16760	4.9454	.95793
26	Sn1899	.00292	.00110	.00308	.00343	.00699	.00300
27	Ag3280	.00021	.00045	.88873	.00008	.00012	.00033
28	Mo2020	.00364	-.00138	.91093	.00111	.00237	-.00036
29	*Y	5458.35	5586.6	5417.62	5430.68	5319.3	5596.95
30	PB2203	.00461	.00084	.89020	.00145	.08332	.01665
31	SE1960	.00254	.00182	.98711	.00367	.00529	.00007

#	Element	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD856887	CCV	CCB
1	Al3082	.98234	.96039	.98103	.17188	24.486	.01701
2	As1890	1.0346	.97031	.96995	-.00096	.48253	.00096
3	B_2496	5.3417	5.2934	5.2911	.18844	.48521	.00384
4	Ba4934	1.4621	1.4192	1.4239	.26948	.48415	.00019
5	Be3130	.95410	.91148	.91139	-.00003	.48162	.00002
6	Ca3179	39.632	39.076	39.267	2.6472	24.260	-.00427
7	Cd2265	.99177	.95215	.95695	-.00001	.48752	.00003
8	Co2286	.93774	.89815	.90092	.00029	.48014	.00028
9	Cr2677	1.0115	.96989	.97523	.00015	.49986	.00049
10	Cu3247	1.0334	1.0458	1.0466	.00282	.47680	-.00079
11	Fe2714	1.3915	1.3540	1.3773	.03756	24.368	.01125
12	K_7664	13.064	12.955	13.074	1.4707	24.817	.01580
13	Mg2790	34.110	33.634	33.806	.39575	24.338	-.00565
14	Mn2576	1.7170	1.6696	1.6747	.00326	.48872	.00007
15	Na3302	H1140.9	H1136.0	H1140.6	H1143.2	24.033	-.01588
16	Ni2316	1.0139	.97474	.97897	.00702	.48939	.00075
17	2203/1	1.0586	.97371	.97262	-.00422	.49239	-.00198
18	2203/2	1.0562	.96466	.97430	.00346	.48428	.00261

#	Element	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD856887	CCV	CCB
19	Sb2068	1.0513	.89731	.89888	.00321	.51133	-.00069
20	1960/1	1.0477	1.0029	.99657	.00465	.49492	-.00043
21	1960/2	1.0321	.97328	.98293	.00510	.48769	.00332
22	Ti3372	.00098	.00079	.00114	.00118	.50735	.00082
23	Tl1908	1.0509	1.0026	1.0059	.00416	.51057	.00399
24	V_2924	.98907	.94880	.95332	.00054	.48130	.00025
25	Zn2062	5.8097	5.7080	5.7308	.26738	.48440	.00088
26	Sn1899	.00741	.00630	.00519	.00304	.50865	.00084
27	Ag3280	1.0004	.95071	.94473	.00063	.48589	.00043
28	Mo2020	.97187	.92055	.92154	.00153	.48804	.00009
29	*Y	5361.6	5380.95	5367.08	5465.03	5306.92	5610.15
30	PB2203	1.0570	.96767	.97374	.00090	.48698	.00108
31	SE1960	1.0373	.98315	.98746	.00495	.49009	.00207

#	Element	AD856888	AD856889	AD856890	AD8'1/PB	AD8'/LCS	AD856894
1	Al3082	.24307	.10965	.14699	.00103	.01488	.46104
2	As1890	.00646	-.00016	.00389	.00132	.94907	.34002
3	B_2496	.46468	.15943	.25914	.00513	.00516	10.406
4	Ba4934	1.0069	.52843	.34604	.00006	.94680	.96594
5	Be3130	.00065	.00041	.00070	-.00017	.93523	.00078
6	Ca3179	725.27	727.81	791.73	.05775	.02513	61.507
7	Cd2265	.00012	.00053	.00055	-.00006	.98271	.00032
8	Co2286	.00048	.00416	.00572	.00004	.91732	.08340
9	Cr2677	.00134	-.00034	-.00028	.00011	.95189	.30646
10	Cu3247	.01065	.00013	.00145	-.00084	.94518	.02685
11	Fe2714	.22412	.03112	.21703	-.00239	.07562	.67517
12	K_7664	4.8425	3.3416	6.9330	.00878	.00608	H684.18
13	Mg2790	23.512	8.4538	45.984	-.01037	-.01216	76.588
14	Mn2576	.60960	2.2488	4.4621	.00024	.95910	.57930
15	Na3302	H1180.5	H1113.5	H1134.8	.08187	.08064	H1416.3
16	Ni2316	.00642	.00659	.09188	.00109	.97418	.39641
17	2203/1	.00184	-.00430	.02734	-.00201	.91283	.00596
18	2203/2	-.00010	.00290	.03179	.00055	.90561	.00432
19	Sb2068	.00082	-.00243	.00524	.00091	.85724	.11416
20	1960/1	.00785	.00337	.00985	-.00097	.97327	.01407
21	1960/2	.00153	.00033	.00203	.00170	.96345	.00737
22	Ti3372	.00656	.00140	.00080	.00052	.00053	.13186
23	Tl1908	-.00014	-.00024	.00069	.00255	1.0044	.00709
24	V_2924	.00118	.00018	.00087	-.00028	.94942	.05528
25	Zn2062	.48197	.20920	4.4290	.00070	.96887	.08810
26	Sn1899	.00297	.00095	.00315	.00255	.00231	.07474
27	Ag3280	-.00012	.00016	.00011	.00023	.92131	.00062
28	Mo2020	.00393	.00004	.21585	.00003	.93569	.02105
29	*Y	5128.5	5322.53	5208.53	5561.62	5609.55	5017.05
30	PB2203	.00054	.00050	.03030	-.00030	.90801	.00486
31	SE1960	.00364	.00134	.00464	.00081	.96672	.00960

#	Element	AD856895	AD8'1:5)	CCV	CCB	STD BLK	STD 1
1	Al3082	.02101	.00435	23.371	.02240	.20366	4.62308
2	As1890	.00883	.00236	.46789	.00052	.09641	1.31533
3	B_2496	1.8929	.37878	.46488	.00290	.02522	.43776
4	Ba4934	.45668	.09050	.46392	.00017	.00239	.75639
5	Be3130	-.00004	-.00011	.46804	-.00008	.12632	1.65882
6	Ca3179	155.56	31.569	23.466	-.00126	.03636	
7	Cd2265	-.00010	.00006	.47376	.00003	.00561	2.04331
8	Co2286	.01526	.00323	.46376	-.00011	-.00616	.87072
9	Cr2677	.00897	.00162	.48206	.00025	.00441	.68078
10	Cu3247	.01299	.00219	.45607	-.00012	.00202	.50544
11	Fe2714	.61180	.13225	23.513	.00746	0	.76716
12	K_7664	105.45	20.075	24.368	.00753	-.24931	
13	Mg2790	64.208	12.887	23.664	-.00355	.01113	
14	Mn2576	.84944	.17229	.47392	.00006	.00119	.4098
15	Na3302	H454.50	97.348	23.159	-.03008	.01003	
16	Ni2316	.05051	.01129	.47511	.00129	-.01215	.67722
17	2203/1	-.00269	.00024	.48261	-.00137	.02227	.55976
18	2203/2	.00040	.00107	.47239	.00136	-.0306	3.03519
19	Sb2068	.00490	.00178	.49368	.00041	.00257	.19394
20	1960/1	.00486	.00061	.48720	.00001	-.04282	.34177
21	1960/2	.00252	-.00266	.47765	.00352	.03581	.52342
22	Ti3372	.00235	.00094	.48682	.00033	-.00635	1.19779
23	Tl1908	.00152	-.00029	.48831	.00563	-.01353	.3387
24	V_2924	.00128	.00016	.46212	-.00001	-.00009	.09109
25	Zn2062	.01665	.00379	.47399	.00130	.0022	.08815
26	Sn1899	.00809	.00159	.49157	.00133	-.00101	.06188
27	Ag3280	-.00006	.00011	.46522	.00017	-.03738	.63545
28	Mo2020	.01334	.00340	.47244	.00118	-.00073	.27925
29	*Y	5453.55	5574.67	5528.4	5516.55	5430.45	5614.88
30	PB2203	-.00062	.00079	.47579	.00045		
31	SE1960	.00330	-.00157	.48083	.00235		

#	Element	STD 2	STD 3	STD' VER	ICV	ICB	CRI
1	Al3082	22.7643	45.3224	51.416	18.967	-.03881	.15913
2	As1890	6.23553	12.2318	1.0168	.37133	.00039	.01192
3	B_2496	2.12086	4.2376	1.0262	.37312	.00128	.02170
4	Ba4934	3.83765	7.61847	1.0182	.37881	.00005	.00198
5	Be3130	7.8869	15.4608	1.0150	.37885	.00000	.00181
6	Ca3179		43.8266	50.838	18.819	.00386	.49295
7	Cd2265	10.0954	20.0604	1.0152	.37597	-.00007	.00106
8	Co2286	4.38979	8.72002	1.0179	.37234	.00026	.00410
9	Cr2677	3.42551	6.78966	1.0211	.38898	.00037	.00386
10	Cu3247	2.58567	5.14686	1.0253	.37341	.00024	.00971
11	Fe2714	3.8638	7.67825	51.024	18.773	.00068	.04079
12	K_7664		164.731	50.138	18.929	-.00445	.48318
13	Mg2790		22.3826	50.616	18.824	.00723	.19882
14	Mn2576	2.06602	4.10313	1.0182	.38241	.00010	.00306
15	Na3302		2.46069	50.543	18.454	-.03008	1.0078
16	Ni2316	3.44524	6.82797	1.0167	.38158	.00036	.00980
17	2203/1	2.79989	5.48947	1.0227	.38326	-.00004	.00614
18	2203/2	15.1518	30.1522	1.0042	.37906	.00095	.00587

#	Element	STD 2	STD 3	STD' VER	ICV	ICB	CRI
19	Sb2068	.99776	1.98237	1.0354	.39179	.00249	.02035
20	1960/1	1.98167	3.96539	1.0281	.38050	-.00147	.01032
21	1960/2	2.42955	4.83711	1.0106	.38467	.00140	.01596
22	Ti3372	6.09055	12.1247	1.0223	Q.39425	.00039	.00510
23	Tl1908	1.80557	3.6785	1.0469	.38901	.00664	.02158
24	V_2924	.46164	.92078	1.0247	.37526	.00001	.00557
25	Zn2062	.43467	.85704	1.0151	.39093	.00043	.01054
26	Sn1899	.32127	.63933	1.0302	.38639	-.00106	.00692
27	Ag3280	3.39184	6.80415	1.0228	.37973	.00035	.00287
28	Mo2020	1.40519	2.80541	1.0194	.38003	.00226	.01222
29	*Y	5524.88	5546.4	5465.1	5577.53	5612.03	5584.28
30	PB2203			1.0103	.38046	.00062	.00596
31	SE1960			1.0164	.38327	.00044	.01408

#	Element	ICSA	ICSAB	CCV	CCB	AD8'5/PS	AD8'6/MS
1	Al3082	508.68	517.34	25.178	.02865	.00979	-.02111
2	As1890	.00152	.11134	.48937	.00257	1.0654	1.0063
3	B_2496	.00036	.01213	.49320	.00114	2.0000	1.9819
4	Ba4934	.00058	.52221	.50056	.00015	1.5407	1.5267
5	Be3130	.00015	.49360	.50210	.00003	1.0304	1.0082
6	Ca3179	504.67	511.98	25.019	.07027	167.54	164.91
7	Cd2265	-.00070	.98204	.49379	.00002	1.0117	.97501
8	Co2286	.00011	.48303	.49162	.00048	.99645	.96917
9	Cr2677	-.00127	.50630	.51535	.00009	1.0474	1.0265
10	Cu3247	-.00233	.51970	.49379	.00037	1.0330	1.0625
11	Fe2714	195.11	98.256	24.834	.01471	.71743	.71479
12	K_7664	.01913	.01709	25.097	-.00879	108.19	108.75
13	Mg2790	506.37	506.52	25.023	.06717	67.923	67.261
14	Mn2576	-.00070	.49379	.50575	.00012	1.9377	1.8999
15	Na3302	-.05105	.05340	24.472	-.01411	H472.98	H468.92
16	Ni2316	.00087	.95833	.50416	.00064	1.0749	1.0540
17	2203/1	.02222	.08053	.50863	.00156	1.0114	.94053
18	2203/2	-.01377	.03450	.50059	.00085	1.0126	.94058
19	Sb2068	-.00101	.64386	.52041	.00123	1.0591	.90860
20	1960/1	-.01189	.04380	.50835	-.00241	1.0569	1.0068
21	1960/2	.00120	.05327	.50511	.00576	1.0512	.99795
22	Ti3372	.00011	.00188	.52157	.00051	.00228	.00173
23	Tl1908	-.01094	.09383	.50111	.00058	1.0517	1.0118
24	V_2924	.00108	.51298	.49547	.00049	1.0482	1.0245
25	Zn2062	-.00459	.96968	.50401	.00088	1.0502	1.0260
26	Sn1899	.00087	.00549	.51028	.00046	.00471	.00598
27	Ag3280	.00059	.21584	.50230	.00024	1.0617	1.0158
28	Mo2020	.00073	.00103	.50508	.00122	1.0527	1.0135
29	*Y	5275.12	5233.8	5511.75	5560.05	5540.18	5557.58
30	PB2203	-.00178	.04983	.50326	.00109	1.0122	.94056
31	SE1960	-.00316	.05011	.50618	.00303	1.0531	1.0009

#	Element	AD8'7/SD	AD856899	AD8'3/PB	AD8'2/FB	AD856860	AD856861
1	Al3082	-.01361	61.083	-.03616	10.306	-.00841	.12994
2	As1890	1.0681	.82206	.00186	.21685	.00222	.00230
3	B_2496	2.0756	1.4057	.00418	.21083	.96236	.26603
4	Ba4934	1.6050	.76395	.00013	.20570	.11390	.04718
5	Be3130	1.0646	.00660	-.00002	.20930	.00024	.00020
6	Ca3179	173.63	57.432	.06424	10.548	10.889	70.729
7	Cd2265	1.0369	.03532	.00028	.21335	.00017	-.00022
8	Co2286	1.0262	.02303	.00019	.21148	.00226	.00681
9	Cr2677	1.0866	6.0814	.00028	.21037	.00144	.00490
10	Cu3247	1.1186	.05616	.00007	.20416	.00025	.00879
11	Fe2714	.75603	432.15	.01895	10.544	.16484	2.9841
12	K_7664	113.80	S115.36	H1.9783	10.681	6.4506	4.1728
13	Mg2790	70.645	40.887	.00209	10.475	3.5676	16.214
14	Mn2576	2.0007	6.1373	.00041	.20903	.00711	3.9268
15	Na3302	H484.62	241.73	-.09806	10.129	H797.10	65.634
16	Ni2316	1.1174	.10325	.00002	.21171	.00751	.00979
17	2203/1	.99371	.05068	.00094	.21156	.00052	-.00156
18	2203/2	.99769	.03161	-.00056	.21330	-.00022	.00105
19	Sb2068	.96292	.30511	-.00115	.21234	.00231	.00071
20	1960/1	1.0683	.01874	-.00303	.21253	-.00252	-.00887
21	1960/2	1.0627	-.00760	.00020	.21582	.00013	.00082
22	Ti3372	.00199	2.8709	-.00021	.20704	.00023	.00598
23	Tl1908	1.0740	-.00353	.00142	.21122	.00520	.00056
24	V_2924	1.0835	.06258	-.00018	.20790	.00079	.00152
25	Zn2062	1.0879	H59.142	.00585	.21415	.00135	.03148
26	Sn1899	.00503	1.7806	.00074	.21651	-.00164	.00024
27	Ag3280	1.0678	.01225	-.00102	.05282	.00026	-.00001
28	Mo2020	1.0701	.15033	.00152	.20860	.00023	.00150
29	*Y	5445.6	4202.7	5522.4	5559.98	5487.6	5485.58
30	PB2203	.99637	.03796	-.00006	.21272	.00002	.00018
31	SE1960	1.0645	.00118	-.00087	.21472	-.00075	-.00240

#	Element	AD856862	AD856863	CCV	CCB	AD856864	AD8'1:5)
1	Al3082	.00598	.00325	24.954	-.03460	.19547	-.01027
2	As1890	.00263	.00093	.50525	.00071	.00188	.00070
3	B_2496	.26273	.10749	.49786	-.00012	.12776	.02496
4	Ba4934	.10247	.07532	.49234	.00007	.10785	.02084
5	Be3130	.00016	.00005	.51026	.00015	.00015	-.00002
6	Ca3179	68.249	38.432	25.456	.01473	78.417	15.162
7	Cd2265	-.00007	.00002	.51068	.00003	-.00011	.00000
8	Co2286	.00006	.00007	.50206	.00016	.00059	-.00019
9	Cr2677	.26500	.02255	.52188	-.00042	.05126	.00942
10	Cu3247	.00104	.00205	.49215	.00024	.00236	.00077
11	Fe2714	1.1343	.15514	25.198	.00363	.44449	.08242
12	K_7664	1.5031	4.2481	24.000	.02712	1.5217	.28672
13	Mg2790	21.475	10.544	25.512	.00797	19.057	3.6879
14	Mn2576	.03909	.16014	.50962	.00001	.24569	.04765
15	Na3302	27.800	26.727	24.148	-.13564	45.972	8.8083
16	Ni2316	.01904	.01395	.51498	.00022	.02431	.00506
17	2203/1	-.00026	.00026	.52264	-.00171	.00104	-.00276
18	2203/2	.00220	.00099	.51081	.00228	-.00061	.00282

#	Element	AD856862	AD856863	CCV	CCB	AD856864	AD8'1:5)
19	Sb2068	.00128	-.00030	.52351	-.00022	.00012	-.00334
20	1960/1	-.00299	.00314	.52336	-.00616	-.00621	-.00517
21	1960/2	-.00003	.00136	.51159	.00281	.00373	.00226
22	Ti3372	.00108	.00169	.52500	.00027	.00922	.00216
23	Tl1908	-.00044	-.00106	.51559	.00173	.00247	-.00149
24	V_2924	.00917	.00147	.50115	.00059	.00559	.00127
25	Zn2062	.00459	.00538	.52233	.00077	.00385	-.00037
26	Sn1899	-.00048	-.00017	.52742	-.00150	.00033	-.00124
27	Ag3280	-.00009	-.00038	.50556	.00018	.00051	.00009
28	Mo2020	.00183	.00148	.51285	.00202	.00062	.00119
29	*Y	5507.7	5561.78	5519.62	5554.8	5540.33	5570.62
30	PB2203	.00138	.00074	.51475	.00095	-.00006	.00096
31	SE1960	-.00102	.00196	.51551	-.00017	.00042	-.00021

#	Element	AD8'4/PS	AD8'5/MD	AD8'6/MS	AD856867	AD856868	AD856869
1	Al3082	10.369	.20048	10.559	.34158	-.01597	.16907
2	As1890	.21614	.00275	.21594	.00096	.00317	.00719
3	B_2496	.32920	.12643	.33520	.08220	.10883	.51277
4	Ba4934	.30601	.10601	.31174	.02272	.07562	.05754
5	Be3130	.21083	.00008	.20832	-.00003	-.00012	-.00001
6	Ca3179	85.935	76.593	87.842	19.744	38.441	60.385
7	Cd2265	.21251	.00000	.20933	.00019	.00003	-.00006
8	Co2286	.20852	.00047	.20736	.00542	.00027	.00222
9	Cr2677	.25792	.04936	.28262	.00529	.05877	.00120
10	Cu3247	.20562	.00209	.20645	.00581	.00359	.00222
11	Fe2714	10.928	.44891	11.062	1.0046	.64267	.58239
12	K_7664	11.832	1.4698	11.817	1.5271	4.0851	34.955
13	Mg2790	28.965	18.591	29.253	2.2308	10.291	17.987
14	Mn2576	.44590	.24140	.47275	.09063	.17837	.14111
15	Na3302	54.235	44.902	54.471	4.0047	26.369	30.666
16	Ni2316	.23387	.02482	.23855	.00549	.01357	.01041
17	2203/1	.20868	.00117	.20778	.00045	.00144	-.00004
18	2203/2	.20793	-.00012	.20848	.00133	.00042	.00132
19	Sb2068	.21030	.00098	.21073	.00081	-.00220	.00363
20	1960/1	.22056	.00339	.20750	.00272	-.00302	-.00286
21	1960/2	.21040	.00030	.21240	-.00133	.00101	.00378
22	Ti3372	.21659	.00935	.21773	.02851	.00102	.00696
23	Tl1908	.20966	.00251	.20277	.00020	-.00086	-.00112
24	V_2924	.21358	.00541	.21181	.00190	.00222	.00242
25	Zn2062	.21697	.00386	.21362	.05322	.00501	.00602
26	Sn1899	.17099	.00118	.21658	.00118	-.00127	.00081
27	Ag3280	.05210	.00006	.05286	-.00024	.00000	.00041
28	Mo2020	.21425	.00259	.20932	.00135	.00122	.00505
29	*Y	5603.03	5528.92	5536.65	5647.05	5611.28	5619.23
30	PB2203	.20818	.00030	.20825	.00104	.00076	.00087
31	SE1960	.21378	.00133	.21076	.00001	-.00032	.00156

#	Element	AD856870	AD856871	CCV	CCB	AD856872	AD856873
1	Al3082	.45264	.49108	24.817	-.01242	.06604	.07901
2	As1890	.00221	.00179	.50265	-.00025	.00933	.00825
3	B_2496	.04062	.04065	.49806	.00015	2.8312	3.1092
4	Ba4934	.02653	.02686	.49167	-.00008	.40561	.44298
5	Be3130	-.00009	-.00006	.51182	.00058	-.00006	.00006
6	Ca3179	44.411	45.262	25.326	.01569	96.197	106.04
7	Cd2265	.00000	.00016	.50700	.00011	-.00019	.00003
8	Co2286	.00063	.00071	.50074	-.00027	.00732	.00821
9	Cr2677	.00042	.00048	.52036	-.00033	.00755	.00817
10	Cu3247	.00115	.00130	.49129	.00023	.00508	.00554
11	Fe2714	.52694	.53275	25.095	-.01515	5.6696	6.2212
12	K_7664	3.2249	3.2966	24.067	.01215	210.79	228.89
13	Mg2790	26.329	26.865	25.506	.01136	137.00	150.38
14	Mn2576	.06981	.05880	.50993	.00007	.11365	.12478
15	Na3302	57.914	59.020	23.994	-.00936	H601.53	H644.10
16	Ni2316	.00031	.00131	.51254	-.00043	.03163	.03492
17	2203/1	.00387	.00043	.51287	.00122	.00161	.00345
18	2203/2	.00101	.00175	.51175	.00076	.00252	.00434
19	Sb2068	.00283	.00020	.51886	-.00060	.00053	.00206
20	1960/1	.00020	.00061	.51544	-.00426	-.00101	-.00084
21	1960/2	-.00063	.00165	.51404	-.00013	.00458	.00202
22	Ti3372	.01081	.01232	.52251	.00010	.00526	.00626
23	Tl1908	.00135	-.00216	.50988	.00472	.00191	-.00041
24	V_2924	.00125	.00163	.49768	-.00011	.00215	.00225
25	Zn2062	.00684	.01580	.52310	.00065	.16822	.18974
26	Sn1899	.00003	-.00121	.52287	-.00005	.00892	.00827
27	Ag3280	.00016	-.00006	.50371	-.00080	.00041	.00013
28	Mo2020	.00091	.00208	.51107	.00158	.00791	.00843
29	*Y	5620.05	5632.12	5572.35	5277.53	5517.9	5496
30	PB2203	.00196	.00131	.51212	.00091	.00222	.00405
31	SE1960	-.00035	.00130	.51450	-.00151	.00271	.00107

#	Element	AD856874	AD856875	AD856876	AD856877	AD856878	AD856879
1	Al3082	.80648	.72711	.13164	.85848	-.02105	.20547
2	As1890	.23153	.01088	.04045	.00207	.02002	.00290
3	B_2496	40.751	7.7147	.32086	.17390	.47287	.06751
4	Ba4934	.79097	.24790	.14676	.15210	.10865	.08984
5	Be3130	.00043	-.00031	.00001	.00025	-.00010	-.00008
6	Ca3179	582.22	147.88	45.085	85.552	38.757	55.805
7	Cd2265	.00130	-.00024	-.00023	.00009	.00027	.00068
8	Co2286	.05391	.01687	.00223	.00502	.00229	.00025
9	Cr2677	.27547	.07079	.01011	1.4535	.00450	1.8556
10	Cu3247	.00705	.03944	.03002	.03347	.02605	.01516
11	Fe2714	93.467	32.160	18.136	9.0113	3.0722	.33360
12	K_7664	H726.37	392.52	5.5420	5.7764	4.9328	2.3850
13	Mg2790	211.00	198.75	11.721	13.369	7.0354	13.621
14	Mn2576	2.6261	.67792	6.7851	1.6341	.29555	.00774
15	Na3302	H1367.2	H856.01	146.04	21.401	23.543	17.047
16	Ni2316	.28689	.16688	.00373	.09205	.01384	.00309
17	2203/1	.00545	.00109	.02190	-.00161	-.00028	.00106
18	2203/2	.00722	.00272	.01985	.00497	.00215	.00010

#	Element	AD856874	AD856875	AD856876	AD856877	AD856878	AD856879
19	Sb2068	.02516	.01037	-.00200	.00241	.00201	.00990
20	1960/1	.02097	.00418	-.00261	.00011	-.00337	-.00032
21	1960/2	.00676	.00348	.00055	.01036	.00509	.00132
22	Ti3372	.57687	.17648	.00525	.03151	.00065	.00884
23	Tl1908	-.00349	-.00169	.00156	-.00191	-.00137	-.00144
24	V_2924	.12297	.05304	.00116	.01211	.00167	.00321
25	Zn2062	.36662	.06718	.25687	.04915	.08756	.01252
26	Sn1899	.05448	.01600	.00127	-.00035	.00072	-.00221
27	Ag3280	-.00017	-.00010	-.00023	-.00009	.00000	.00004
28	Mo2020	.02177	.00244	.00799	.00863	.00319	.00203
29	*Y	5241.9	5706.53	5634.6	5405.7	5663.4	5597.1
30	PB2203	.00663	.00218	.02054	.00277	.00134	.00042
31	SE1960	.01150	.00371	-.00049	.00694	.00227	.00077

#	Element	AD856880	AD856937	CCV	CCB	AD8'9/PB	AD8'8/FB
1	Al3082	3.3638	.01498	25.052	L-.04549	-.03725	10.157
2	As1890	.00670	.01027	.50610	.00220	.00096	.21364
3	B_2496	.13795	.03856	.50531	.00334	.00665	.20908
4	Ba4934	.05480	.01202	.49563	.00008	H.00062	.20450
5	Be3130	-.00011	-.00021	.51772	.00005	-.00023	.20871
6	Ca3179	14.715	26.179	25.554	.01397	.06214	10.414
7	Cd2265	.00005	-.00015	.51201	.00005	-.00006	.20918
8	Co2286	.00312	.00032	.50575	.00012	-.00009	.20821
9	Cr2677	.12222	.00008	.52570	.00015	-.00025	.20861
10	Cu3247	.03971	.00066	.49597	.00066	.00078	.20319
11	Fe2714	5.4498	1.3774	25.323	.00068	.00352	10.358
12	K_7664	2.4306	2.2008	24.289	.00004	.02085	10.067
13	Mg2790	3.6414	8.1650	25.765	.00473	-.00046	10.395
14	Mn2576	.12462	.27439	.51481	.00004	.00013	.20747
15	Na3302	12.602	11.362	24.160	.01318	.01160	9.9871
16	Ni2316	.03382	.00220	.51851	-.00026	.00046	.20893
17	2203/1	.04002	-.00046	.51856	.00111	.00036	.21039
18	2203/2	.03736	.00292	.51680	.00109	-.00023	.20808
19	Sb2068	.01047	-.00068	.52131	-.00142	.00117	.21263
20	1960/1	-.00288	-.00287	.52030	-.00637	-.00533	.20495
21	1960/2	.00151	-.00183	.52317	.00046	.00034	.20474
22	Ti3372	.19722	.00117	.52718	.00017	.00029	.20423
23	Tl1908	-.00176	-.00138	.50860	.00413	.00127	.20586
24	V_2924	.01200	.00102	.50355	.00040	.00020	.20486
25	Zn2062	.08724	.00925	.52776	.00037	.00039	.21325
26	Sn1899	.00527	-.00171	.52861	-.00010	-.00087	.21297
27	Ag3280	.00019	-.00029	.50823	-.00032	.00008	.05187
28	Mo2020	.00372	.00061	.51680	.00149	.00045	.20929
29	*Y	5668.65	5712.45	5539.88	5519.93	5695.5	5653.12
30	PB2203	.03824	.00179	.51738	.00110	-.00003	.20885
31	SE1960	.00004	-.00218	.52221	-.00181	-.00154	.20481

#	Element	AD8'7/PB	AD8'6/FB	AD856774	AD856775	AD856776	AD856777
1	Al3082	L-.04219	10.235	.24366	-.03502	-.02605	L-.04093
2	As1890	.00038	.21504	.00378	.06215	.01095	.00295
3	B_2496	.00444	.21141	.06210	.46236	.06041	.04116
4	Ba4934	-.00006	.20499	.03147	.41314	.10590	.02457
5	Be3130	-.00020	.20925	-.00005	-.00004	.00009	-.00014
6	Ca3179	.05517	10.421	42.998	106.04	135.23	44.766
7	Cd2265	-.00007	.20933	.00013	-.00035	-.00008	-.00004
8	Co2286	-.00022	.20853	.00099	.00254	.00212	.00042
9	Cr2677	-.00046	.20817	.00034	.00003	-.00049	-.00072
10	Cu3247	.00035	.20350	.00780	.00064	-.00007	.00071
11	Fe2714	-.01195	10.397	.38754	10.951	2.6943	.05613
12	K_7664	.01027	10.092	10.475	33.565	1.9683	3.2298
13	Mg2790	-.00624	10.435	8.0117	41.079	36.410	26.711
14	Mn2576	.00000	.20740	.21085	.74819	10.290	.05725
15	Na3302	-.10838	10.009	7.6968	106.00	25.345	59.338
16	Ni2316	.00027	.20802	.00295	.00952	.00322	.00034
17	2203/1	.00097	.20945	.00191	-.00215	.00297	-.00132
18	2203/2	.00099	.21096	.00423	.00040	.00084	.00044
19	Sb2068	-.00273	.20843	.00051	-.00498	.00148	-.00040
20	1960/1	-.00490	.20922	-.00132	-.00820	-.00198	-.00528
21	1960/2	.00248	.20879	.00107	.00182	-.00118	.00295
22	Ti3372	.00011	.20504	.00659	.00061	.00062	.00058
23	Tl1908	.00174	.20707	.00216	-.00063	.00624	.00090
24	V_2924	.00010	.20538	.00300	.00075	.00064	.00069
25	Zn2062	.00030	.21294	.01140	.01210	.00359	.00254
26	Sn1899	-.00172	.21287	.00060	-.00088	-.00040	-.00026
27	Ag3280	-.00039	.05215	-.00009	.00041	-.00031	.00010
28	Mo2020	.00029	.21052	.00573	.00238	.00208	.00177
29	*Y	5657.55	5596.43	5614.8	5528.62	5503.05	5565.08
30	PB2203	.00098	.21046	.00346	-.00045	.00155	-.00014
31	SE1960	.00001	.20893	.00027	-.00151	-.00145	.00020

#	Element	AD856778	AD856779	CCV	CCB	AD856780	AD856781
1	Al3082	-.01009	-.03770	24.900	L-.04022	-.01892	.02596
2	As1890	.00194	.00621	.50076	.00118	.00193	.02161
3	B_2496	.04243	.20991	.49864	.00059	.49201	.85941
4	Ba4934	.02501	.01882	.49671	.00023	.01861	.01464
5	Be3130	-.00009	.00007	.51827	.00017	.00032	.00028
6	Ca3179	46.094	210.03	25.320	.02761	275.05	453.77
7	Cd2265	.00000	-.00006	.50125	.00014	-.00025	-.00024
8	Co2286	.00035	.00244	.50034	.00009	.00061	.04223
9	Cr2677	-.00056	-.00025	.52327	.00038	.00102	-.00065
10	Cu3247	.00030	.00036	.49481	.00065	.00027	-.00001
11	Fe2714	.06264	2.2251	25.119	.00593	.11732	3.4661
12	K_7664	3.2748	2.7433	24.434	-.00399	8.7870	17.074
13	Mg2790	27.477	149.12	25.653	.02030	140.07	226.08
14	Mn2576	.05850	2.2436	.51294	.00023	.06064	.79995
15	Na3302	60.471	27.578	24.100	-.00092	115.22	47.104
16	Ni2316	.00050	.00593	.51514	.00072	.00816	.12990
17	2203/1	-.00051	-.00003	.51784	.00160	-.00155	-.00280
18	2203/2	.00082	.00127	.51124	.00069	.00037	.00195

#	Element	AD856778	AD856779	CCV	CCB	AD856780	AD856781
19	Sb2068	-.00155	-.00136	.51604	-.00085	-.00234	-.00079
20	1960/1	-.00446	.00438	.51643	-.00180	-.00293	.00094
21	1960/2	.00679	.00134	.50884	-.00046	.00190	.00382
22	Ti3372	.00014	.00038	.52281	.00029	.00057	.00286
23	Tl1908	.00173	.00184	.50587	.00512	-.00032	.00105
24	V_2924	.00049	.00025	.49865	.00001	.00040	.00033
25	Zn2062	.00260	.00275	.52501	.00108	.00706	.04019
26	Sn1899	-.00095	.00136	.51883	-.00023	.00125	-.00169
27	Ag3280	-.00016	-.00030	.50643	-.00014	-.00003	-.00006
28	Mo2020	.00179	.00199	.51559	.00339	.00146	.00009
29	*Y	5612.18	5492.03	5503.73	5570.1	5369.25	5428.05
30	PB2203	.00037	.00083	.51344	.00099	-.00026	.00036
31	SE1960	.00304	.00235	.51136	-.00091	.00029	.00286

#	Element	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD856784	AD856785
1	Al3082	L-.04698	10.539	10.404	10.879	.17500	-.02577
2	As1890	.00500	.23401	.23706	.24676	.01740	.00260
3	B_2496	.16888	1.0542	1.0612	1.1154	.73614	.33245
4	Ba4934	.00284	.22286	.22125	.23241	.01479	.01434
5	Be3130	.00005	.20760	.20500	.21352	.00044	.00022
6	Ca3179	91.220	455.41	459.86	484.26	459.21	414.01
7	Cd2265	.00010	.20324	.20137	.20685	.00001	-.00015
8	Co2286	.00888	.24297	.24166	.25089	.04264	.01077
9	Cr2677	-.00030	.20457	.20235	.21136	.00000	-.00061
10	Cu3247	.00059	.20661	.20373	.21420	.00025	.00025
11	Fe2714	.70908	13.656	13.610	14.151	7.1465	.86030
12	K_7664	3.1699	27.451	27.352	29.040	14.453	4.5263
13	Mg2790	45.503	231.26	233.58	246.03	249.99	244.50
14	Mn2576	.16389	.99106	.99580	1.0481	1.1382	3.8462
15	Na3302	9.0773	57.036	56.690	60.149	45.372	37.752
16	Ni2316	.02722	.32715	.32770	.34000	.11187	.02576
17	2203/1	.00136	.20110	.20197	.20959	-.00126	-.00194
18	2203/2	.00045	.20482	.20456	.21006	.00127	.00038
19	Sb2068	-.00037	.21086	.20842	.21932	.00137	.00191
20	1960/1	-.00306	.21354	.21137	.21392	-.00613	-.00198
21	1960/2	.00042	.21486	.21028	.21951	.00038	-.00102
22	Ti3372	.00076	.21137	.20659	.21451	.00863	.00025
23	Tl1908	.00172	.19820	.20119	.20768	.00294	.00085
24	V_2924	.00000	.20827	.20434	.21247	.00115	.00029
25	Zn2062	.00715	.24292	.23950	.24692	.03568	.00670
26	Sn1899	-.00084	.16249	.21002	.21503	.00021	-.00028
27	Ag3280	-.00058	.05391	.05304	.05532	.00002	-.00033
28	Mo2020	.00050	.21170	.20801	.21279	.00162	.00058
29	*Y	5504.62	5349.45	5444.4	5312.78	5408.62	5397.08
30	PB2203	.00075	.20358	.20370	.20990	.00042	-.00038
31	SE1960	-.00073	.21442	.21064	.21764	-.00178	-.00134

#	Element	AD856786	AD856787	CCV	CCB	AD856788	AD856789
1	Al3082	-.02270	-.02430	24.806	L-.05072	-.01023	L-.04165
2	As1890	.00441	.05438	.49818	.00253	.03836	.00136
3	B_2496	.20564	.87503	.49505	.00040	.72227	.00585
4	Ba4934	.01815	.03030	.49463	.00008	.03167	.00002
5	Be3130	.00003	.00005	.51394	.00008	.00015	-.00014
6	Ca3179	205.90	265.77	25.123	.02647	216.50	.11490
7	Cd2265	-.00011	-.00007	.49591	.00011	.00000	-.00013
8	Co2286	.00213	.02997	.49665	.00017	.00516	.00035
9	Cr2677	-.00093	-.00045	.52008	.00029	-.00065	-.00048
10	Cu3247	-.00003	.00016	.49344	.00079	.00060	.00029
11	Fe2714	1.8711	10.362	24.899	-.00398	7.1458	-.00745
12	K_7664	2.6876	12.964	24.360	.00807	10.810	-.00291
13	Mg2790	145.82	114.74	25.359	.01513	93.847	.02210
14	Mn2576	2.2016	.82772	.50903	.00021	.39365	-.00004
15	Na3302	26.700	24.758	24.125	-.07145	14.725	-.12651
16	Ni2316	.00671	.06959	.50937	.00004	.01299	.00054
17	2203/1	-.00175	.00193	.51204	.00219	-.00248	-.00245
18	2203/2	.00328	-.00090	.50736	-.00210	.00220	.00239
19	Sb2068	-.00259	-.00079	.51321	.00026	.00011	.00049
20	1960/1	-.00619	-.00205	.51419	-.00168	.00026	-.00514
21	1960/2	.00451	-.00051	.51210	.00069	.00165	.00392
22	Ti3372	.00008	.00041	.52047	.00004	.00095	.00013
23	Tl1908	-.00043	.00141	.50102	.00393	.00006	.00052
24	V_2924	.00016	-.00041	.49689	-.00018	.00045	.00001
25	Zn2062	.00216	.00659	.51904	.00066	.00896	.00314
26	Sn1899	-.00130	.00047	.51270	.00018	-.00026	-.00148
27	Ag3280	-.00047	-.00088	.50547	-.00070	.00038	-.00050
28	Mo2020	.00158	.00351	.51206	.00087	.00195	.00112
29	*Y	5559.83	5483.85	5464.12	5563.95	5389.95	5595.6
30	PB2203	.00161	.00004	.50892	-.00067	.00064	.00077
31	SE1960	.00094	-.00102	.51279	-.00009	.00119	.00089

#	Element	AD856790	AD856791	AD856792	AD856793	AD856794	AD856795
1	Al3082	L-.05060	-.01630	-.02894	.03660	-.02476	L-.04033
2	As1890	.00060	.00646	.00010	.00233	.00369	.00410
3	B_2496	.00499	.28170	.14709	.44571	.05856	.12128
4	Ba4934	.00001	.09470	.10157	.10447	.08616	.03260
5	Be3130	-.00020	-.00005	-.00012	-.00027	-.00011	-.00027
6	Ca3179	.07373	45.128	83.672	37.614	54.414	13.620
7	Cd2265	.00000	-.00015	.00001	.00034	.00055	-.00007
8	Co2286	-.00005	.00253	.00020	.00213	-.00005	-.00003
9	Cr2677	.00027	-.00072	.16510	-.00024	1.8649	.06275
10	Cu3247	.00070	.00160	.00315	.01347	.00998	.01378
11	Fe2714	-.00689	8.1570	-.00929	.20667	.02884	.02617
12	K_7664	.00594	5.5355	5.5021	4.8187	2.3216	1.8056
13	Mg2790	.00025	11.812	12.902	6.8796	13.253	1.9609
14	Mn2576	-.00004	6.8278	.01496	.29037	.00087	.04890
15	Na3302	-.00314	147.36	20.881	23.159	16.778	12.251
16	Ni2316	.00017	.00304	.02883	.01291	.00277	.02089
17	2203/1	.00213	.00043	.00223	-.00176	-.00089	.00141
18	2203/2	.00075	.00010	-.00060	.00200	.00081	.00097

#	Element	AD856790	AD856791	AD856792	AD856793	AD856794	AD856795
19	Sb2068	-.00089	-.00169	-.00090	-.00228	.00948	.00529
20	1960/1	-.00175	.00062	.00361	-.00666	-.00298	-.00708
21	1960/2	.00282	.00522	.00757	.00639	.00019	-.00030
22	Ti3372	-.00035	.00036	.00019	.00041	.00047	.00032
23	Tl1908	.00147	.00270	-.00141	-.00086	-.00132	-.00352
24	V_2924	-.00018	.00062	.00050	.00010	.00264	.00205
25	Zn2062	-.00037	.01891	.01397	.08402	.01364	.02395
26	Sn1899	.00201	-.00109	.00011	.00054	-.00097	.00099
27	Ag3280	-.00077	-.00046	-.00074	-.00038	-.00022	-.00014
28	Mo2020	-.00085	.00876	.00248	.00153	.00047	.00437
29	*Y	5570.25	5548.42	5565.08	5590.12	5569.8	5589.68
30	PB2203	.00121	.00021	.00033	.00074	.00024	.00111
31	SE1960	.00129	.00369	.00625	.00204	-.00086	-.00256

#	Element	CCV	CCB	STD BLK	STD 1	STD 2	STD 3
1	Al3082	24.765	L-.04961	.18353	4.61271	22.8183	45.9639
2	As1890	.49454	.00142	.09852	1.3746	6.48916	12.7715
3	B_2496	.49340	.00001	.02463	.44609	2.18447	4.35682
4	Ba4934	.49318	.00011	.00152	.75736	3.84862	7.71345
5	Be3130	.51458	.00003	.12432	1.73165	8.28446	16.3016
6	Ca3179	25.081	.01860	.03842			45.5646
7	Cd2265	.49595	.00007	.0051	2.09927	10.5355	20.7189
8	Co2286	.49605	.00033	-.00564	.8941	4.56176	9.04879
9	Cr2677	.51820	.00000	0	.70334	3.55053	7.05424
10	Cu3247	.49288	.00059	.00286	.51792	2.61445	5.27736
11	Fe2714	24.830	.00591	-.00026	.78224	3.97843	7.90098
12	K_7664	24.288	.00951	-.27762			162.411
13	Mg2790	25.473	.00681	.01182			23.484
14	Mn2576	.50943	.00006	.00053	.42185	2.13885	4.25744
15	Na3302	23.993	.01869	.00815			2.48484
16	Ni2316	.50944	.00020	-.01361	.70297	3.60412	7.09447
17	2203/1	.51240	-.00254	.01218	.59812	2.8834	5.75999
18	2203/2	.50358	.00057	-.01639	3.06172	15.7962	31.1382
19	Sb2068	.50933	-.00155	.00743	.19531	1.01583	2.02202
20	1960/1	.50677	-.00532	-.07069	.35236	1.98461	4.12249
21	1960/2	.50700	.00658	.04908	.54353	2.52449	4.89902
22	Ti3372	.51941	.00042	-.00501	1.2177	6.20383	12.4428
23	Tl1908	.49517	.00307	-.01477	.33004	1.83686	3.76575
24	V_2924	.49555	.00088	.00017	.09325	.47397	.94893
25	Zn2062	.52018	.00024	.00214	.09252	.46528	.91399
26	Sn1899	.51244	-.00261	-.00197	.06437	.33221	.65758
27	Ag3280	.50477	.00022	-.03958	.64994	3.45875	7.01818
28	Mo2020	.50855	.00192	-.00125	.29609	1.48066	2.92226
29	*Y	5474.48	5581.58	5582.1	5506.65	5523.53	5413.35
30	PB2203	.50652	-.00046				
31	SE1960	.50692	.00261				

#	Element	STD' VER	ICV	ICB	CRI	ICSA	ICSAB
1	Al3082	50.165	19.057	-.03517	.16818	508.84	518.18
2	As1890	.98723	.37083	.00098	.01148	.00252	.10985
3	B_2496	1.0026	.37615	.00114	.02305	.00208	.01292
4	Ba4934	.99866	.37944	.00008	.00208	.00072	.52307
5	Be3130	.99220	.37958	.00017	.00207	.00030	.49428
6	Ca3179	49.283	18.833	.00285	.49364	500.49	511.38
7	Cd2265	.98550	.37706	.00016	.00110	-.00035	.98640
8	Co2286	.99278	.37442	.00031	.00414	.00058	.48509
9	Cr2677	.99052	.38869	.00027	.00460	-.00052	.50703
10	Cu3247	1.0001	.37305	.00049	.01041	-.00067	.51846
11	Fe2714	49.665	18.849	-.00834	.04485	194.03	98.717
12	K_7664	49.614	18.762	.00746	.49681	.03478	.03783
13	Mg2790	49.342	18.834	-.00330	.19868	501.74	506.80
14	Mn2576	.99434	.38314	.00015	.00327	.00004	.49458
15	Na3302	49.149	18.425	.02993	1.1191	.08990	.09846
16	Ni2316	.98630	.38142	-.00044	.01045	.00072	.95954
17	2203/1	.97510	.38065	.00166	.00787	.02553	.07793
18	2203/2	1.0003	.38238	.00129	.00520	-.01641	.03070
19	Sb2068	1.0170	.39205	-.00526	.01818	-.00109	.64807
20	1960/1	.97592	.38393	.00471	.01981	.00095	.04884
21	1960/2	.99757	.38098	.00242	.01438	-.00294	.05377
22	Ti3372	.99566	Q.39550	-.00003	.00515	.00032	.00176
23	Tl1908	1.0279	Q.39931	.00302	.02285	-.01204	.10104
24	V_2924	.99755	.37583	.00011	.00538	.00081	.51388
25	Zn2062	.99345	.39359	.00184	.01037	-.00378	.97705
26	Sn1899	.99392	.38473	-.00047	.01124	.00475	.00416
27	Ag3280	1.0010	.38036	-.00023	.00295	.00063	.21585
28	Mo2020	.98731	.37954	.00100	.01048	.00112	.00122
29	*Y	5480.4	5509.88	5476.58	5542.8	5146.58	5181.23
30	PB2203	.99191	.38180	.00141	.00609	-.00244	.04643
31	SE1960	.99035	.38196	.00318	.01619	-.00164	.05213

#	Element	CCV	CCB	AD8'5/PB	AD8'4/FB	AD856710	AD856711
1	Al3082	25.141	.00251	-.03341	10.490	.09419	-.01359
2	As1890	.49259	.00154	.00142	.21364	.00433	.02857
3	B_2496	.49183	.00100	.00084	.20921	1.1118	6.9877
4	Ba4934	.50068	.00026	.00009	.20955	.65212	.92902
5	Be3130	.50473	.00020	-.00007	.20796	-.00026	.00030
6	Ca3179	25.075	.04911	.02993	10.265	129.93	465.53
7	Cd2265	.49873	.00020	-.00006	.20621	-.00010	-.00011
8	Co2286	.49629	.00038	.00056	.20758	.00511	.00906
9	Cr2677	.51738	.00074	.00035	.20684	.00316	.07317
10	Cu3247	.49182	.00145	.00053	.20544	.03261	.00011
11	Fe2714	25.058	.00730	.00261	10.376	2.4570	51.367
12	K_7664	24.949	.01549	-.01131	10.731	74.116	H674.80
13	Mg2790	25.093	.04207	.01213	10.347	45.043	128.34
14	Mn2576	.50794	.00035	.00010	.20769	1.1860	1.7696
15	Na3302	24.060	.01354	.03760	10.294	170.96	H1174.6
16	Ni2316	.50665	.00023	.00138	.20725	.04537	.07798
17	2203/1	.50403	.00185	-.00164	.20855	-.00266	-.00148
18	2203/2	.50836	.00112	.00094	.21092	.00308	.00050

#	Element	CCV	CCB	AD8'5/PB	AD8'4/FB	AD856710	AD856711
19	Sb2068	.52323	-.00144	-.00254	.21218	-.00310	-.00199
20	1960/1	.50232	.00278	.00985	.22962	.00601	.01340
21	1960/2	.50916	.00018	-.00651	.21851	-.00247	-.00621
22	Ti3372	.52263	.00018	-.00050	.20534	.00180	.00209
23	Tl1908	.51662	.00250	.00311	.20422	.00428	.00226
24	V_2924	.49805	.00021	.00000	.20529	.00049	.00765
25	Zn2062	.51067	.00047	.00092	.20630	.05961	.00456
26	Sn1899	.51183	.00144	.00309	.20975	.00091	.00350
27	Ag3280	.50159	-.00025	.00014	.05318	.00034	.00031
28	Mo2020	.50155	.00144	-.00044	.20288	.00135	.00238
29	*Y	5455.35	5437.95	5695.05	5616.15	5826.38	5272.5
30	PB2203	.50692	.00136	.00008	.21013	.00116	-.00015
31	SE1960	.50688	.00105	-.00106	.22221	.00035	.00032

#	Element	AD856712	AD856713	AD856714	AD856715	AD856716	AD856717
1	Al3082	-.01951	-.02143	.02903	.00151	L-.04508	L-.04762
2	As1890	.00340	.00409	.00079	.00090	.00407	.00178
3	B_2496	2.3411	2.2445	.02134	.09875	.13733	.72960
4	Ba4934	.80221	.78467	.12729	.10227	.37355	.17958
5	Be3130	.00002	-.00004	-.00022	-.00015	-.00010	-.00009
6	Ca3179	203.93	195.11	122.72	91.951	79.973	128.01
7	Cd2265	-.00024	-.00027	-.00002	.00011	-.00022	.00035
8	Co2286	.00658	.00568	.00059	.00026	.00100	.00177
9	Cr2677	.01175	.01117	.00003	.00013	-.00011	.00116
10	Cu3247	.00036	.00048	.00049	.00092	.00052	.02924
11	Fe2714	5.0920	4.8358	.06809	-.00654	2.4137	.01113
12	K_7664	161.33	155.44	.91207	2.6799	3.0241	52.545
13	Mg2790	123.01	117.82	40.011	44.269	36.040	59.888
14	Mn2576	.19979	.19131	.00365	.15305	.02312	.02752
15	Na3302	H442.60	H427.63	10.761	19.553	24.587	139.84
16	Ni2316	.05589	.05312	.00247	.00357	.00206	.03343
17	2203/1	-.00255	.00041	-.00488	-.00147	-.00289	.00027
18	2203/2	.00133	-.00073	.00187	-.00008	.00201	.00045
19	Sb2068	-.00319	-.00130	-.00409	-.00224	-.00327	-.00350
20	1960/1	.00733	.01373	.00847	.01160	.00722	.01258
21	1960/2	-.00551	-.00097	.00111	-.00763	-.00102	-.00477
22	Ti3372	.00670	.00636	.00114	-.00022	.00004	.00003
23	Tl1908	.00174	.00117	.00170	.00183	.00015	.00070
24	V_2924	.00305	.00239	.00000	-.00053	.00047	.00010
25	Zn2062	.01420	.01645	.00147	.01660	.00587	.03824
26	Sn1899	.00236	.00322	.00162	.00144	.00304	.00214
27	Ag3280	.00036	.00026	.00040	-.00029	.00026	-.00001
28	Mo2020	.00165	.00159	.00690	.01935	.04490	.00258
29	*Y	5544.75	5547.6	5727.38	5681.03	5606.03	5628.9
30	PB2203	.00004	-.00035	-.00037	-.00054	.00037	.00039
31	SE1960	-.00123	.00392	.00356	-.00122	.00172	.00101

#	Element	CCV	CCB	AD856718	AD856719	AD8'1:5)	AD8'9/PS
1	Al3082	25.052	.00307	L-.04458	.07565	L-.05796	10.095
2	As1890	.48403	.00124	.00293	.00497	.00331	.21204
3	B_2496	.49079	.00207	.36036	.12108	.02286	.32025
4	Ba4934	.50057	.00023	.27702	.28213	.05601	.47679
5	Be3130	.50222	.00003	-.00001	-.00008	-.00011	.20780
6	Ca3179	24.718	.01373	179.08	55.359	10.984	64.402
7	Cd2265	.48891	.00001	-.00028	-.00030	-.00004	.20432
8	Co2286	.49036	.00013	.00065	.00039	.00023	.20396
9	Cr2677	.51227	.00091	.00019	-.00012	.00031	.20403
10	Cu3247	.49221	.00074	.00019	.00072	.00102	.20234
11	Fe2714	24.732	.00487	6.3980	2.6410	.52401	12.851
12	K_7664	25.110	.01681	3.9095	1.6374	.34138	12.216
13	Mg2790	24.851	.01007	61.689	27.472	5.4217	37.335
14	Mn2576	.50457	.00021	.13254	.02412	.00491	.22932
15	Na3302	24.275	.02328	55.931	24.762	4.9508	34.282
16	Ni2316	.50179	.00018	.01045	.00137	.00045	.20438
17	2203/1	.49906	.00157	-.00152	-.00440	.00218	.19686
18	2203/2	.50414	.00047	.00082	.00090	.00083	.20731
19	Sb2068	.51638	-.00278	-.00508	-.00486	-.00206	.20708
20	1960/1	.50011	.00365	.00880	.00836	.00421	.22791
21	1960/2	.50470	.00168	-.00549	-.00025	-.00397	.22066
22	Ti3372	.51940	.00007	.00004	-.00004	-.00016	.20516
23	Tl1908	.50445	.00298	.00125	-.00215	.00180	.19994
24	V_2924	.49288	.00020	.00043	.00000	-.00017	.20503
25	Zn2062	.50615	.00038	.02506	.00293	-.00009	.20869
26	Sn1899	.50046	.00095	.00326	.00224	.00011	.16244
27	Ag3280	.50211	-.00032	.00031	.00014	-.00080	.05181
28	Mo2020	.49751	.00219	.00523	.05387	.01279	.25636
29	*Y	5487.75	5603.48	5624.85	5618.33	5590.28	5633.4
30	PB2203	.50245	.00084	.00004	-.00086	.00128	.20383
31	SE1960	.50317	.00233	-.00072	.00261	-.00124	.22307

#	Element	AD8'0/MD	AD8'1/MS	AD856722	CRI	ICSA	ICSAB
1	Al3082	L-.05433	2.0115	L-.04766	.14343	509.29	516.73
2	As1890	.00468	.04643	.00148	.01169	.00408	.11006
3	B_2496	.11895	.12090	.18132	.02094	.00201	.01127
4	Ba4934	.28087	2.3026	.33767	.00222	.00077	.52016
5	Be3130	-.00015	.05147	-.00014	.00189	.00024	.49201
6	Ca3179	54.906	55.620	58.529	.49395	501.62	509.10
7	Cd2265	-.00013	.04991	-.00016	.00094	-.00019	.97735
8	Co2286	.00053	.50235	.00045	.00429	.00036	.48341
9	Cr2677	-.00007	.20685	-.00011	.00479	-.00019	.50440
10	Cu3247	.00040	.24923	.00081	.01062	-.00032	.51739
11	Fe2714	2.6113	3.7045	1.6450	.04755	194.57	97.982
12	K_7664	1.6478	1.6689	1.7994	.48333	.02468	.03376
13	Mg2790	27.421	27.786	26.181	.19970	505.79	503.20
14	Mn2576	.02382	.53291	.01299	.00313	.00012	.49254
15	Na3302	24.103	24.278	32.593	.97999	.05622	.09201
16	Ni2316	.00172	.51037	.00110	.00978	.00103	.94912
17	2203/1	-.00178	.01747	-.00116	.00762	.02276	.07944
18	2203/2	.00150	.02241	.00050	.00550	-.01496	.02973

#	Element	AD8'0/MD	AD8'1/MS	AD856722	CRI	ICSA	ICSAB
19	Sb2068	-.00216	.10214	-.00298	.01725	-.00689	.64363
20	1960/1	.01138	.06075	.01611	.02155	.00168	.05707
21	1960/2	-.00299	.05140	-.00581	.01352	-.00135	.05174
22	Ti3372	-.00037	-.00014	-.00011	.00474	.00020	.00175
23	Tl1908	.00379	.04829	.00172	.01817	-.00147	.09704
24	V_2924	.00018	.50779	.00012	.00501	.00028	.51129
25	Zn2062	.00240	.50883	.00249	.01105	-.00377	.97457
26	Sn1899	.00252	.20315	.00248	.01165	.00388	.00588
27	Ag3280	-.00019	.05075	-.00039	.00244	.00024	.21563
28	Mo2020	.05348	.05247	.06620	.01177	-.00008	-.00105
29	*Y	5678.78	5667.53	5654.4	5631.53	5147.25	5230.2
30	PB2203	.00040	.02076	-.00005	.00621	-.00240	.04628
31	SE1960	.00179	.05451	.00149	.01619	-.00034	.05352

#	Element	CCV	CCB	AD856723	AD8'9/PB	AD8'8/FB	AD856902
1	Al3082	25.041	.04949	L-.04578	-.02800	10.151	L-.05609
2	As1890	.48038	.00165	.00507	.00247	.21250	.00145
3	B_2496	.48722	.00034	.04977	.00020	.20380	1.1105
4	Ba4934	.49655	.00027	.04506	.00007	.20393	.18003
5	Be3130	.49837	.00015	.00000	-.00033	.20455	-.00004
6	Ca3179	24.719	.05481	277.87	.03704	10.074	183.66
7	Cd2265	.48540	.00037	-.00004	-.00027	.20170	.00331
8	Co2286	.48860	.00006	.00138	.00065	.20312	.00793
9	Cr2677	.50944	.00062	.00029	.00038	.20266	.00005
10	Cu3247	.49128	.00108	.00074	.00064	.19965	.01741
11	Fe2714	24.532	.01278	3.8122	-.00233	10.134	-.00644
12	K_7664	24.530	.01319	2.9976	-.01345	10.401	13.714
13	Mg2790	24.671	.04369	109.93	.00653	10.147	54.873
14	Mn2576	.50130	.00032	.18732	.00006	.20357	5.0743
15	Na3302	24.299	.05655	26.814	-.03331	10.092	69.162
16	Ni2316	.49535	.00024	.00375	.00117	.20321	.02314
17	2203/1	.49772	.00228	-.00143	-.00125	.20236	-.00186
18	2203/2	.49969	.00019	.00111	.00200	.20508	.00163
19	Sb2068	.51250	-.00359	-.00089	-.00321	.20697	-.00420
20	1960/1	.49739	.00130	.01124	.00422	.22333	.01089
21	1960/2	.49580	-.00249	-.00485	-.00383	.21408	-.00081
22	Ti3372	.51852	.00010	-.00011	.00008	.19959	-.00026
23	Tl1908	.50290	.00312	.00393	.00206	.19903	.00434
24	V_2924	.49160	-.00008	.00013	.00009	.20013	-.00037
25	Zn2062	.50235	.00068	.01257	.00202	.20476	.75351
26	Sn1899	.49889	-.00039	.00319	.00178	.20638	.00188
27	Ag3280	.50092	-.00020	-.00022	.00013	.05077	-.00052
28	Mo2020	.49573	.00274	.01830	-.00037	.20097	.00011
29	*Y	5535.45	5605.12	5589.75	5762.78	5779.35	5562.98
30	PB2203	.49903	.00088	.00026	.00091	.20417	.00046
31	SE1960	.49632	-.00123	.00050	-.00114	.21716	.00308

#	Element	AD8'1:5)	AD8'2/PS	AD8'0/MD	AD8'3/MS	AD856905	AD856906
1	Al3082	L-.05340	10.317	L-.05865	2.1079	-.03743	L-.06186
2	As1890	-.00047	.20846	.00217	.04657	.00366	.00198
3	B_2496	.21968	1.2919	1.1158	1.1409	.10989	.40838
4	Ba4934	.03606	.38149	.18075	2.2937	.05335	.15791
5	Be3130	-.00001	.20623	-.00009	.05328	-.00023	-.00021
6	Ca3179	37.578	189.79	185.89	189.56	53.075	141.68
7	Cd2265	.00072	.20180	.00347	.05455	.00007	.00165
8	Co2286	.00144	.20836	.00801	.52515	.00131	.00041
9	Cr2677	.00032	.20239	-.00006	.21271	.00075	.00053
10	Cu3247	.00450	.22207	.01718	.27994	.00507	.00962
11	Fe2714	-.01142	10.186	-.00411	1.0885	.00331	.01022
12	K_7664	2.5430	24.210	13.868	14.132	12.198	18.951
13	Mg2790	11.139	64.019	55.633	56.806	7.8084	15.626
14	Mn2576	1.0536	5.1484	5.1175	5.7434	.28283	.62561
15	Na3302	13.475	77.916	69.316	70.954	12.741	18.614
16	Ni2316	.00521	.22202	.02390	.54586	.01242	.01398
17	2203/1	.00123	.19524	-.00205	.02053	-.00093	.00117
18	2203/2	.00027	.20337	-.00055	.02149	.00308	-.00116
19	Sb2068	-.00470	.20857	-.00316	.10659	-.00208	-.00092
20	1960/1	.00463	.21969	.01499	.06196	.00846	.01132
21	1960/2	-.00103	.21698	-.00517	.05227	.00570	.00032
22	Ti3372	-.00004	.20450	-.00029	-.00021	.00000	-.00002
23	Tl1908	.00254	.19962	.00638	.05356	.00086	.00481
24	V_2924	-.00008	.20402	-.00018	.52493	.00103	.00038
25	Zn2062	.16222	.93620	.76844	1.2913	.59897	1.4568
26	Sn1899	-.00020	.15813	.00177	.20735	.00094	.00196
27	Ag3280	-.00055	.05246	-.00062	.05219	.00004	-.00031
28	Mo2020	.00046	.20312	-.00112	.00008	.00111	.00452
29	*Y	5550.45	5583.38	5651.4	5471.48	5690.55	5649.9
30	PB2203	.00059	.20066	-.00105	.02117	.00174	-.00038
31	SE1960	.00085	.21788	.00155	.05550	.00662	.00399

#	Element	CCV	CCB	AD856907	CRI	ICSA	ICSAB
1	Al3082	25.032	.06221	L-.04250	.13643	510.75	516.51
2	As1890	.48497	.00144	.00277	.00991	.00358	.10726
3	B_2496	.48927	.00092	.33245	.02117	.00132	.01150
4	Ba4934	.50013	.00028	.05348	.00214	.00071	.52526
5	Be3130	.50812	.00000	-.00017	.00188	.00012	.50055
6	Ca3179	24.864	.02686	222.10	.50091	507.39	507.95
7	Cd2265	.48633	.00028	.00086	.00083	-.00004	.95745
8	Co2286	.49195	.00015	.01589	.00408	.00012	.48175
9	Cr2677	.51596	.00044	-.00005	.00511	.00010	.50824
10	Cu3247	.49232	.00140	.00618	.01116	.00026	.52189
11	Fe2714	24.768	.00091	-.00689	.04804	196.32	97.806
12	K_7664	24.904	-.00093	12.190	.47659	.02236	.01706
13	Mg2790	25.115	.00984	28.781	.20329	512.86	508.43
14	Mn2576	.50627	.00034	2.6098	.00319	.00041	.49511
15	Na3302	24.213	.02897	44.641	.95425	.04204	-.06527
16	Ni2316	.50124	.00038	.10037	.01012	.00105	.94900
17	2203/1	.50090	.00017	-.00032	.00679	.02969	.07686
18	2203/2	.50769	.00148	-.00067	.00520	-.02191	.03262

#	Element	CCV	CCB	AD856907	CRI	ICSA	ICSAB
19	Sb2068	.51469	-.00523	-.00354	.01669	-.00060	.62615
20	1960/1	.50548	.00545	.01382	.01750	.00230	.06051
21	1960/2	.50074	-.00048	-.00232	.01223	-.00125	.05780
22	Ti3372	.51839	.00010	-.00015	.00496	-.00020	.00139
23	Tl1908	.49580	.00256	.00353	.01674	.00000	.09152
24	V_2924	.49419	-.00017	-.00008	.00506	-.00002	.51069
25	Zn2062	.51183	.00087	1.4233	.01109	-.00274	.97741
26	Sn1899	.49983	.00095	.00160	.01079	.00665	.00590
27	Ag3280	.50230	-.00017	-.00085	.00254	-.00036	.21612
28	Mo2020	.50213	.00123	.00192	.01143	.00121	-.00042
29	*Y	5546.25	5610.08	5649.3	5571.23	5226.53	5175.38
30	PB2203	.50543	.00104	-.00055	.00573	-.00472	.04735
31	SE1960	.50232	.00149	.00306	.01399	-.00006	.05870

#	Element	CCV	CCB
1	Al3082	25.466	.07660
2	As1890	.49205	.00099
3	B_2496	.49381	-.00049
4	Ba4934	.51155	.00021
5	Be3130	.51954	.00001
6	Ca3179	25.325	.04450
7	Cd2265	.49323	.00024
8	Co2286	.50155	-.00027
9	Cr2677	.52737	.00033
10	Cu3247	.49989	.00172
11	Fe2714	25.248	.00897
12	K_7664	25.566	.00160
13	Mg2790	25.571	.03670
14	Mn2576	.51550	.00026
15	Na3302	24.381	.03117
16	Ni2316	.51094	.00024
17	2203/1	.50342	.00266
18	2203/2	.51543	-.00141
19	Sb2068	.51528	-.00522
20	1960/1	.49820	.00551
21	1960/2	.51143	-.00083
22	Ti3372	.52650	-.00027
23	Tl1908	.50353	.00535
24	V_2924	.50243	-.00037
25	Zn2062	.52264	.00084
26	Sn1899	.50341	.00050
27	Ag3280	.50887	-.00094
28	Mo2020	.50905	.00090
29	*Y	5508.08	5498.55
30	PB2203	.51143	-.00005
31	SE1960	.50702	.00128

Curvefit Fit Status Summary 08/19/08 10:15:54 AM page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1AUG1908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/19/08 10:15	Full Fit	.999961
K_7664	766.491	08/19/08 10:15	Full Fit	.999932
Mg2790	279.078	08/19/08 10:15	Full Fit	.999948
Na3302	330.232	08/19/08 10:15	Full Fit	.999983

Calibration Report 08/19/08 09:47:19 AM page 1

Method: TRACE1 Standard Name: STD BLK Operator:
Run Time: 08/19/08 09:44:15
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0251866	-.228184	-.002828	.0038000
SDev	.0001358	.013346	.000251	.0003733
%RSD	.5393262	5.848874	8.881780	9.823704
#1	.0250906	-.218747	-.002650	.0040640
#2	.0252827	-.237622	-.003006	.0035360
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5658	--	--	--	--	--	--
SDev	2.439311	--	--	--	--	--	--
%RSD	.0431143	--	--	--	--	--	--
#1	5660	--	--	--	--	--	--
#2	5656	--	--	--	--	--	--

Calibration Report 08/19/08 09:51:44 AM page 1

Method: TRACE1 Standard Name: STD 1 Operator:
Run Time: 08/19/08 09:48:41
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	4.371563	13.81176	2.215443	.2140162
SDev	.007284	.07430	.000720	.0040135
%RSD	.1666220	.5379414	.0324780	1.875319
#1	4.376713	13.86430	2.215952	.2111782
#2	4.366412	13.75922	2.214934	.2168542
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5630	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1149096	--	--	--	--	--	--
#1	5635	--	--	--	--	--	--
#2	5626	--	--	--	--	--	--

Calibration Report 08/19/08 09:56:58 AM page 1

Method: TRACE1 Standard Name: STD 2 Operator:
Run Time: 08/19/08 09:53:55
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	22.23072	69.54424	11.46234	1.092114
SDev	.02091	.22818	.01174	.004516
%RSD	.0940540	.3281130	.1024143	.4134745
#1	22.21593	69.38289	11.45404	1.088921
#2	22.24550	69.70559	11.47064	1.095307
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5678	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1681364	--	--	--	--	--	--
#1	5671	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Calibration Report 08/19/08 10:02:31 AM page 1

Method: TRACE1 Standard Name: STD 3 Operator:
Run Time: 08/19/08 09:59:28
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	43.29911	133.0437	22.44154	2.210369
SDev	.02705	.2243	.00133	.005629
%RSD	.0624775	.1685868	.0059377	.2546771
#1	43.27998	132.8851	22.44248	2.206388
#2	43.31824	133.2023	22.44060	2.214349
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	7.636960	--	--	--	--	--	--
%RSD	.1354936	--	--	--	--	--	--
#1	5642	--	--	--	--	--	--
#2	5631	--	--	--	--	--	--

Calibration Report 08/19/08 10:14:06 AM page 1

Method: TRACE1 Standard Name: NAKCAMG400 Operator:
Run Time: 08/19/08 10:11:03
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	326.6564	916.3668	188.0985	21.99858
SDev	.0569	2.5171	.0229	.00172
%RSD	.0174268	.2746807	.0121950	.0078107
#1	326.6161	914.5869	188.0823	21.99980
#2	326.6966	918.1466	188.1147	21.99737
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5449	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3425647	--	--	--	--	--	--
#1	5463	--	--	--	--	--	--
#2	5436	--	--	--	--	--	--

Standardization Rpt. 10/03/08 12:30:59 PM page 1

Method: TRACE1 Standard: STD BLK
Run Time: 10/03/08 12:25:59

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.16362	.09558	.02571	.00150	.12665	.04598	.00497
SDev	.00317	.01257	.00539	.00053	.00013	.00519	.00012
%RSD	1.9382	13.148	20.955	35.652	.10260	11.282	2.3520
#1	.16586	.08669	.02952	.00188	.12656	.04965	.00489
#2	.16138	.10447	.02190	.00112	.12674	.04231	.00505

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00572	.00253	.00629	-.00113	-.26962	.01398	.00103
SDev	.00068	.00013	.00175	.00027	.00764	.00035	.00013
%RSD	11.906	4.9218	27.744	23.878	2.8330	2.5311	12.543
#1	-.00621	.00244	.00752	-.00132	-.26421	.01373	.00094
#2	-.00524	.00262	.00505	-.00094	-.27502	.01423	.00112

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.01211	-.01857	.02787	-.05269	.00243	-.05743	.03948
SDev	.00734	.00419	.00208	.03586	.00344	.00947	.01062
%RSD	60.555	22.548	7.4581	68.055	141.42	16.488	26.904
#1	.01730	-.01561	.02934	-.07804	.00000	-.06413	.03197
#2	.00693	-.02153	.02640	-.02733	.00487	-.05073	.04699

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00938	-.01521	.00028	.00122	-.00244	-.03753	.00065
SDev	.00083	.00801	.00013	.00014	.00026	.00065	.00146
%RSD	8.8005	52.651	47.422	11.193	10.564	1.7306	222.70
#1	-.00997	-.02087	.00038	.00132	-.00226	-.03799	-.00038
#2	-.00880	-.00955	.00019	.00112	-.00262	-.03707	.00168

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5330	--	--	--	--	--	--
SDev	16.86422	--	--	--	--	--	--
%RSD	.3164271	--	--	--	--	--	--
#1	5318	--	--	--	--	--	--
#2	5342	--	--	--	--	--	--

Standardization Rpt. 10/03/08 12:35:35 PM page 1

Method: TRACE1 Standard: STD 1
Run Time: 10/03/08 12:31:02

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	5.0493	1.3984	.47168	.82727	1.8046	2.1951	.94528
SDev	.0020	.0129	.00588	.00061	.0077	.0104	.00282
%RSD	.03904	.92449	1.2461	.07430	.42886	.47249	.29804
#1	5.0479	1.4076	.46752	.82770	1.8101	2.2025	.94329
#2	5.0507	1.3893	.47584	.82683	1.7992	2.1878	.94727

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.74170	.56108	.82966	.44623	.73529	.61173	3.2704
SDev	.00036	.00160	.00076	.00057	.00166	.01374	.0209
%RSD	.04842	.28533	.09094	.12817	.22565	2.2467	.63897
#1	.74144	.56222	.83019	.44663	.73646	.62145	3.2556
#2	.74195	.55995	.82913	.44582	.73411	.60201	3.2852

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.20837	.37425	.56269	1.3138	.35260	.09973	.09552
SDev	.00188	.00612	.02479	.0011	.01368	.00062	.00018
%RSD	.90340	1.6356	4.4059	.08580	3.8804	.62550	.18884
#1	.20971	.37858	.54516	1.3146	.34293	.09929	.09565
#2	.20704	.36992	.58022	1.3130	.36228	.10018	.09540

Elem	Sn1899	Ag3280	Mo2020
Avge	.06451	.70045	.30658
SDev	.00096	.00186	.00153
%RSD	1.4898	.26613	.49790
#1	.06383	.70176	.30766
#2	.06519	.69913	.30550

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5224	--	--	--	--	--	--
SDev	9.864278	--	--	--	--	--	--
%RSD	.1888325	--	--	--	--	--	--
#1	5217	--	--	--	--	--	--
#2	5231	--	--	--	--	--	--

Standardization Rpt. 10/03/08 12:40:11 PM page 1

Method: TRACE1 Standard: STD 2
Run Time: 10/03/08 12:35:38

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	24.370	6.5316	2.2623	4.1033	8.4079	10.619	4.6682
SDev	.139	.0763	.0130	.0257	.0478	.068	.0260
%RSD	.56965	1.1681	.57432	.62565	.56861	.63574	.55737
#1	24.469	6.5855	2.2715	4.1215	8.4418	10.667	4.6866
#2	24.272	6.4776	2.2532	4.0851	8.3741	10.571	4.6498

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	3.6549	2.7839	4.0841	2.1951	3.6425	2.9405	16.148
SDev	.0229	.0151	.0192	.0115	.0185	.0100	.125
%RSD	.62680	.54267	.47075	.52484	.50854	.33874	.77236
#1	3.6711	2.7946	4.0977	2.2032	3.6556	2.9475	16.236
#2	3.6387	2.7732	4.0705	2.1869	3.6294	2.9334	16.060

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	1.0454	2.0471	2.6031	6.5281	1.8848	.49545	.46267
SDev	.0018	.0034	.0207	.0317	.0077	.00277	.00366
%RSD	.17371	.16491	.79333	.48508	.40763	.55904	.79014
#1	1.0467	2.0495	2.6177	6.5505	1.8794	.49741	.46525
#2	1.0441	2.0448	2.5885	6.5057	1.8903	.49349	.46008

Elem	Sn1899	Ag3280	Mo2020
Avge	.33544	3.6571	1.4992
SDev	.00116	.0209	.0115
%RSD	.34519	.57150	.76603
#1	.33626	3.6719	1.5073
#2	.33462	3.6423	1.4911

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5247	--	--	--	--	--	--
SDev	30.75915	--	--	--	--	--	--
%RSD	.5862402	--	--	--	--	--	--
#1	5225	--	--	--	--	--	--
#2	5269	--	--	--	--	--	--

Standardization Rpt. 10/03/08 12:45:15 PM page 1

Method: TRACE1 Standard: STD 3
Run Time: 10/03/08 12:40:15

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	48.555	12.992	4.5037	8.1411	16.509	46.994	21.223
SDev	.239	.014	.0283	.0337	.075	.143	.060
%RSD	.49306	.11126	.62881	.41425	.45655	.30462	.28100
#1	48.386	12.982	4.4837	8.1173	16.456	46.893	21.181
#2	48.724	13.002	4.5237	8.1650	16.563	47.095	21.265

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	9.3025	7.2749	5.5251	8.1561	168.56	23.798	4.3670
SDev	.0430	.0227	.0336	.0208	.91	.091	.0159
%RSD	.46229	.31219	.60861	.25542	.54186	.38100	.36498
#1	9.2721	7.2589	5.5013	8.1414	167.91	23.734	4.3558
#2	9.3329	7.2910	5.5489	8.1708	169.20	23.862	4.3783

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.6142	7.2955	5.8232	32.074	2.0945	4.1583	5.1445
SDev	.0169	.0252	.0105	.154	.0073	.0144	.0230
%RSD	.64799	.34585	.18049	.47979	.34772	.34626	.44688
#1	2.6022	7.2777	5.8158	31.966	2.0893	4.1481	5.1283
#2	2.6261	7.3134	5.8307	32.183	2.0996	4.1685	5.1608

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	12.991	3.8560	.98969	.91762	.67429	7.3047	2.9830
SDev	.040	.0287	.00339	.00140	.00181	.0334	.0032
%RSD	.30786	.74337	.34297	.15215	.26798	.45779	.10628
#1	12.963	3.8357	.98729	.91664	.67302	7.2811	2.9807
#2	13.020	3.8763	.99209	.91861	.67557	7.3284	2.9852

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5287	--	--	--	--	--	--
SDev	28.84982	--	--	--	--	--	--
%RSD	.5456694	--	--	--	--	--	--
#1	5307	--	--	--	--	--	--
#2	5267	--	--	--	--	--	--

Standardization Report 10/03/08 12:45:15 PM page 1

Method: TRACE1 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.03036	-.168852	10/03/08 12:40:15
As1890	189.042	Multiple	Standards	.077305	-.007395	10/03/08 12:40:15
B_2496	249.678	Multiple	Standards	.223902	-.005755	10/03/08 12:40:15
Ba4934	493.409	Multiple	Standards	.121982	-.000190	10/03/08 12:40:15
Be3130	313.042	Multiple	Standards	.060393	-.007660	10/03/08 12:40:15
Ca3179	317.933	STD 3	STD BLK	.921745	-.017193	10/03/08 12:40:15
Cd2265	226.502	Multiple	Standards	.046802	-.000251	10/03/08 12:40:15
Co2286	228.616	Multiple	Standards	.106663	.000599	10/03/08 12:40:15
Cr2677	267.716	Multiple	Standards	.136621	-.000354	10/03/08 12:40:15
Cu3247	324.753	Multiple	Standards	.180247	-.001135	10/03/08 12:40:15
Fe2714	271.441	Multiple	Standards	6.09060	.006361	10/03/08 12:40:15
K_7664	766.491	STD 3	STD BLK	.789399	-.015350	10/03/08 12:40:15
Mg2790	279.078	STD 3	STD BLK	.943685	-.016019	10/03/08 12:40:15
Mn2576	257.610	Multiple	Standards	.226873	-.000244	10/03/08 12:40:15
Na3302	330.232	STD 3	STD BLK	.848010	-.006473	10/03/08 12:40:15
Ni2316	231.604	Multiple	Standards	.135105	.002492	10/03/08 12:40:15
2203/1	220.351	Multiple	Standards	.175956	-.004906	10/03/08 12:40:15
2203/2	220.352	Multiple	Standards	.030369	.001583	10/03/08 12:40:15
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.482129	-.001165	10/03/08 12:40:15
1960/1	196.021	Multiple	Standards	.235630	.013519	10/03/08 12:40:15
1960/2	196.022	Multiple	Standards	.191710	-.007581	10/03/08 12:40:15
Ti3372	337.280	Multiple	Standards	.076334	.000708	10/03/08 12:40:15
Tl1908	190.864	Multiple	Standards	.262625	.004019	10/03/08 12:40:15
V_2924	292.402	Multiple	Standards	1.00932	-.000287	10/03/08 12:40:15
Zn2062	206.200	Multiple	Standards	1.07744	-.001329	10/03/08 12:40:15
Sn1899	189.989	Multiple	Standards	1.48248	.003621	10/03/08 12:40:15
Ag3280	328.068	Multiple	Standards	.135614	.005088	10/03/08 12:40:15
Mo2020	202.030	Multiple	Standards	.331645	-.000230	10/03/08 12:40:15

Standardization Readback Report 10/03/08 12:45:15 PM page 1

Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000265	.000265
		STD 1	5.00000	5.03369	-.033686
		STD 2	25.0000	24.9414	.058628
		STD 3	50.0000	49.8601	.139915

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100709	-.000709
		STD 2	.500000	.497525	.002475
		STD 3	1.00000	.996958	.003042

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099855	.000145
		STD 2	.500000	.500789	-.000789
		STD 3	1.00000	1.00264	-.002637

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100722	-.000722
		STD 2	.500000	.500339	-.000339
		STD 3	1.00000	.992880	.007120

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101326	-.001326
		STD 2	.500000	.500118	-.000118
		STD 3	1.00000	.989375	.010625

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.025187	.045978	-.020791
		STD 3	43.2991	46.9938	-3.69469

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.102486	-.002486
		STD 2	.500000	.496746	.003254
		STD 3	1.00000	.993026	.006974

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101426	-.001426
		STD 2	.500000	.498526	.001474
		STD 3	1.00000	.992831	.007169

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100978	-.000978
		STD 2	.500000	.498987	.001013
		STD 3	1.00000	.993555	.006445

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099999	.000001
		STD 2	.500000	.500657	-.000657
		STD 3	1.00000	.994750	.005250

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000499	.000499
		STD 1	5.00000	5.05949	-.059494
		STD 2	25.0000	24.8811	.118866
		STD 3	50.0000	49.6820	.318001

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.228184	-.269615	.041431
		STD 3	133.044	168.557	-35.5137

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	-.002828	.013978	-.016806
		STD 3	22.4415	23.7977	-1.35619

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.100992	-.000992
		STD 2	.500000	.497756	.002244
		STD 3	1.00000	.990517	.009483

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.003800	.012114	-.008314
		STD 3	2.21037	2.61417	-.403800

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.101833	-.001833
		STD 2	.500000	.494616	.005384
		STD 3	1.00000	.988156	.011844

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.102731	-.002731
		STD 2	.500000	.512486	-.012486
		STD 3	1.00000	1.01973	-.019726

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.100903	-.000903
		STD 2	.500000	.491985	.008015
		STD 3	1.00000	.975666	.024334

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099298	.000702
		STD 2	.500000	.502849	-.002849
		STD 3	1.00000	1.00864	-.008642

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101704	-.001704
		STD 2	.500000	.495887	.004113
		STD 3	1.00000	.993341	.006659

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.100291	-.000291
		STD 2	.500000	.491468	.008532
		STD 3	1.00000	.978674	.021326

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.100995	-.000995
		STD 2	.500000	.499027	.000973
		STD 3	1.00000	.992398	.007602

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000024	-.000024
		STD 1	.100000	.096621	.003379
		STD 2	.500000	.499021	.000979
		STD 3	1.00000	1.01670	-.016704

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100378	-.000378
		STD 2	.500000	.499781	.000219
		STD 3	1.00000	.998632	.001368

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101593	-.001593
		STD 2	.500000	.497170	.002830
		STD 3	1.00000	.987356	.012644

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099258	.000742
		STD 2	.500000	.500908	-.000908
		STD 3	1.00000	1.00325	-.003247

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100078	-.000078
		STD 2	.500000	.501043	-.001043
		STD 3	1.00000	.995711	.004289

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.101444	-.001444
		STD 2	.500000	.496977	.003023
		STD 3	1.00000	.989051	.010949

CorCoef: 1.00000

Analysis Report Blank Sample 10/03/08 12:50:18 PM page 1

Method: TRACE1 Sample Name: STD 3 VER Operator: AH
Run Time: 10/03/08 12:45:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.275	.98114	.99005	.98388	.97857	48.958	.96963
SDev	.018	.00219	.00002	.00020	.00151	.139	.00182
%RSD	.03738	.22324	.00203	.02055	.15390	.28368	.18807
#1	49.288	.98269	.99006	.98374	.97964	49.056	.97092
#2	49.262	.97959	.99003	.98402	.97751	48.860	.96834
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97862	.97931	.98757	48.908	49.595	49.088	.98041
SDev	.00295	.00108	.00010	.130	.112	.097	.00165
%RSD	.30173	.11039	.01018	.26491	.22590	.19814	.16815
#1	.98071	.98008	.98764	48.999	49.516	49.157	.98157
#2	.97654	.97855	.98750	48.816	49.674	49.019	.97924
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	49.709	.97254	.98431	.97228	.97628	.97446	.99258
SDev	.100	.00497	.00264	.00504	.00424	.00839	.00343
%RSD	.20213	.51135	.26858	.51859	.43465	.86111	.34594
#1	49.638	.97605	.98617	.97584	.97928	.98040	.99501
#2	49.780	.96902	.98244	.96871	.97328	.96853	.99016
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97992	.97175	.97939	1.0124	.98433	.97326	.98923
SDev	.00288	.01115	.00071	.0006	.00153	.00361	.00674
%RSD	.29398	1.1471	.07195	.05704	.15520	.37113	.68125
#1	.98196	.97963	.97989	1.0128	.98541	.97581	.99400
#2	.97788	.96387	.97889	1.0120	.98325	.97070	.98447
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.99041	.98443
SDev	.00161	.00022
%RSD	.16215	.02192
#1	.99155	.98458
#2	.98928	.98428
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5315	--	--	--	--	--	--
SDev	11.87960	--	--	--	--	--	--
%RSD	.2235003	--	--	--	--	--	--
#1	5307	--	--	--	--	--	--
#2	5324	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 12:55:21 PM page 1

Method: TRACE1 Sample Name: ICV Operator: AH
Run Time: 10/03/08 12:50:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.560	.36497	.36759	.37159	.37225	18.543	.36846
SDev	.066	.00021	.00113	.00136	.00202	.043	.00087
%RSD	.35458	.05741	.30770	.36601	.54155	.23313	.23670
#1	18.606	.36512	.36839	.37255	.37367	18.574	.36908
#2	18.513	.36482	.36679	.37063	.37082	18.513	.36785
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36512	.38197	.36602	18.456	18.778	18.607	.37500
SDev	.00173	.00175	.00239	.055	.034	.082	.00156
%RSD	.47428	.45776	.65280	.29740	.17981	.43822	.41693
#1	.36634	.38321	.36771	18.494	18.801	18.665	.37610
#2	.36389	.38074	.36433	18.417	18.754	18.549	.37389
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.290	.37324	.37960	.37075	.37370	.37549	.38421
SDev	.094	.00122	.00324	.00049	.00141	.00053	.00482
%RSD	.51632	.32627	.85217	.13283	.37616	.14154	1.2538
#1	18.356	.37410	.38189	.37110	.37469	.37587	.38762
#2	18.223	.37238	.37731	.37040	.37270	.37512	.38081
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38051	.37299	.38615	.38599	.36800	.37812	.38374
SDev	.00087	.00036	.00133	.00160	.00082	.00103	.00116
%RSD	.22892	.09697	.34383	.41362	.22204	.27350	.30298
#1	.38112	.37324	.38709	.38486	.36858	.37886	.38457
#2	.37989	.37273	.38521	.38712	.36743	.37739	.38292
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.37253	.37391
SDev	.00152	.00090
%RSD	.40840	.24053
#1	.37360	.37455
#2	.37145	.37328
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5368	--	--	--	--	--	--
SDev	46.77504	--	--	--	--	--	--
%RSD	.8713722	--	--	--	--	--	--
#1	5335	--	--	--	--	--	--
#2	5401	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 01:07:08 PM page 1

Method: TRACE1 Sample Name: ICB Operator: AH
Run Time: 10/03/08 13:02:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00779	.00052	-.00017	.00018	.00003	-.00320	.00021
SDev	.00026	.00037	.00012	.00000	.00004	.00157	.00021
%RSD	3.2980	71.005	68.952	2.1301	121.52	49.090	97.231
#1	-.00797	.00078	-.00026	.00018	.00006	-.00209	.00007
#2	-.00761	.00026	-.00009	.00017	.00000	-.00432	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	.00035	.00072	.01039	.03438	-.00445	.00010
SDev	.00007	.00006	.00008	.00731	.03963	.00360	.00006
%RSD	35.522	17.628	10.554	70.307	115.26	80.836	65.917
#1	.00024	.00039	.00067	.01556	.00636	-.00191	.00014
#2	.00014	.00031	.00078	.00523	.06240	-.00699	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10160	.00042	-.00266	.00135	.00002	.00004	.00051
SDev	.04490	.00041	.00049	.00040	.00011	.00352	.00093
%RSD	44.198	97.969	18.396	29.890	674.81	9981.9	184.79
#1	-.06985	.00071	-.00301	.00164	.00009	.00253	-.00015
#2	-.13335	.00013	-.00232	.00107	-.00006	-.00246	.00117
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00370	.00190	.00062	.00475	.00038	.00119	.00209
SDev	.00585	.00236	.00006	.00173	.00014	.00040	.00021
%RSD	158.13	124.12	9.9027	36.472	37.592	33.718	10.152
#1	.00044	.00357	.00058	.00352	.00048	.00091	.00194
#2	-.00784	.00023	.00067	.00597	.00028	.00148	.00224
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.00093
SDev	.00005	.00102
%RSD	73.028	110.56
#1	-.00011	.00165
#2	-.00004	.00020
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5335	--	--	--	--	--	--
SDev	55.15433	--	--	--	--	--	--
%RSD	1.033869	--	--	--	--	--	--
#1	5296	--	--	--	--	--	--
#2	5374	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 01:12:10 PM page 1

Method: TRACE1 Sample Name: CRI Operator: AH
Run Time: 10/03/08 13:07:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19647	.01152	.02070	.00215	.00205	.48858	.00110
SDev	.00111	.00017	.00024	.00001	.00001	.00042	.00029
%RSD	.56690	1.4405	1.1406	.60994	.34045	.08570	26.334
#1	.19568	.01164	.02054	.00215	.00204	.48887	.00089
#2	.19726	.01141	.02087	.00216	.00205	.48828	.00130
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00451	.00415	.00989	.05808	.49536	.20025	.00305
SDev	.00006	.00019	.00011	.00029	.00292	.00183	.00005
%RSD	1.3833	4.4682	1.1051	.49756	.58907	.91541	1.5761
#1	.00447	.00402	.00981	.05787	.49329	.19895	.00302
#2	.00456	.00429	.00997	.05828	.49742	.20154	.00308
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.92016	.01078	.00157	.00823	.00602	.01803	.02001
SDev	.00381	.00056	.00203	.00029	.00087	.00199	.00161
%RSD	.41422	5.1788	129.17	3.4695	14.426	11.060	8.0663
#1	.91746	.01038	.00301	.00844	.00663	.01662	.01887
#2	.92285	.01117	.00014	.00803	.00540	.01944	.02115
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01947	.01731	.00567	.02072	.00550	.01141	.00965
SDev	.00290	.00154	.00015	.00356	.00030	.00007	.00035
%RSD	14.881	8.9113	2.6765	17.185	5.3521	.63060	3.6673
#1	.01742	.01622	.00578	.01820	.00530	.01136	.00990
#2	.02152	.01840	.00557	.02324	.00571	.01147	.00940
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00338	.01224
SDev	.00015	.00188
%RSD	4.4122	15.365
#1	.00327	.01357
#2	.00348	.01091
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5411	--	--	--	--	--	--
SDev	30.33481	--	--	--	--	--	--
%RSD	.5606345	--	--	--	--	--	--
#1	5432	--	--	--	--	--	--
#2	5389	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 01:17:12 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: AH
Run Time: 10/03/08 13:12:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	500.04	.00057	.00068	.00065	.00018	500.09	-.00004
SDev	1.94	.00121	.00068	.00001	.00004	2.58	.00016
%RSD	.38823	213.42	100.80	1.6984	22.727	.51512	370.38
#1	501.42	-.00029	.00116	.00064	.00021	501.91	-.00015
#2	498.67	.00142	.00019	.00066	.00015	498.27	.00007
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	-.00080	-.00120	192.80	.00955	506.40	-.00026
SDev	.00020	.00011	.00039	.84	.02590	1.94	.00013
%RSD	368.13	13.920	32.883	.43523	271.11	.38398	49.716
#1	.00009	-.00088	-.00092	193.40	.02787	507.78	-.00036
#2	-.00020	-.00072	-.00148	192.21	-.00876	505.03	-.00017
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05334	.00168	.02447	-.01101	.00080	-.00139	.00023
SDev	.02451	.00025	.00051	.00282	.00205	.00219	.00567
%RSD	45.942	14.661	2.0783	25.634	255.31	157.39	2492.3
#1	-.07067	.00151	.02411	-.01301	-.00065	-.00294	-.00378
#2	-.03601	.00186	.02483	-.00901	.00225	.00016	.00424
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01245	.00414	.00018	-.00510	.00041	-.00340	.00482
SDev	.00522	.00589	.00003	.00126	.00029	.00046	.00021
%RSD	41.916	142.41	16.801	24.633	68.924	13.551	4.3544
#1	-.00876	-.00003	.00020	-.00599	.00062	-.00372	.00497
#2	-.01614	.00831	.00016	-.00421	.00021	-.00307	.00468
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00014	.00100
SDev	.00010	.00055
%RSD	76.134	54.730
#1	-.00006	.00061
#2	-.00021	.00138
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5106	--	--	--	--	--	--
SDev	26.19817	--	--	--	--	--	--
%RSD	.5130935	--	--	--	--	--	--
#1	5087	--	--	--	--	--	--
#2	5124	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 01:22:14 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: AH
Run Time: 10/03/08 13:17:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.56	.10974	.02087	.51451	.49229	508.79	.97888
SDev	.51	.00165	.00068	.00050	.00021	.87	.00447
%RSD	.10110	1.5005	3.2460	.09687	.04235	.17179	.45611
#1	507.92	.11090	.02039	.51487	.49214	508.18	.97572
#2	507.19	.10857	.02135	.51416	.49244	509.41	.98204
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47997	.50266	.51307	97.611	.01819	509.40	.49141
SDev	.00174	.00040	.00096	.198	.00578	.34	.00021
%RSD	.36221	.07896	.18732	.20316	31.760	.06677	.04295
#1	.47874	.50238	.51375	97.471	.02227	509.16	.49126
#2	.48120	.50295	.51239	97.751	.01410	509.64	.49156
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06899	.94968	.08306	.03325	.04984	.05230	.64108
SDev	.11339	.00217	.00094	.00218	.00177	.00239	.00026
%RSD	164.36	.22891	1.1379	6.5640	3.5526	4.5648	.04088
#1	-.14917	.94815	.08373	.03480	.05109	.05061	.64089
#2	.01119	.95122	.08239	.03171	.04859	.05399	.64126
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06058	.04816	.00226	.09734	.50722	.96830	.00307
SDev	.00053	.00331	.00000	.00023	.00015	.00582	.00165
%RSD	.88380	6.8803	.19505	.24079	.02873	.60123	53.694
#1	.06021	.04581	.00225	.09751	.50732	.96418	.00191
#2	.06096	.05050	.00226	.09718	.50711	.97241	.00424
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.21305	.00115
SDev	.00019	.00037
%RSD	.09157	32.240
#1	.21319	.00089
#2	.21291	.00141
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5102	--	--	--	--	--	--
SDev	12.62158	--	--	--	--	--	--
%RSD	.2474055	--	--	--	--	--	--
#1	5093	--	--	--	--	--	--
#2	5110	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 01:28:45 PM page 1

Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 13:23:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.126	.47628	.47789	.48118	.48881	24.368	.48180
SDev	.004	.00456	.00127	.00156	.00175	.019	.00218
%RSD	.01543	.95743	.26654	.32368	.35792	.07679	.45289
#1	24.129	.47951	.47699	.48007	.48757	24.381	.48334
#2	24.123	.47306	.47879	.48228	.49004	24.355	.48026
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47843	.49919	.47488	24.109	24.831	24.528	.49232
SDev	.00043	.00105	.00113	.016	.400	.102	.00179
%RSD	.08919	.21030	.23739	.06793	1.6113	.41384	.36364
#1	.47873	.49993	.47568	24.121	24.548	24.457	.49105
#2	.47813	.49844	.47408	24.098	25.113	24.600	.49358
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.908	.48856	.49446	.49134	.49238	.49128	.49774
SDev	.185	.00067	.00029	.00102	.00078	.00010	.00113
%RSD	.77265	.13648	.05809	.20832	.15808	.02074	.22684
#1	23.778	.48903	.49467	.49206	.49293	.49121	.49854
#2	24.039	.48809	.49426	.49062	.49183	.49135	.49694
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49061	.49162	.50325	.49453	.47844	.49391	.49911
SDev	.00156	.00063	.00029	.00602	.00091	.00085	.00084
%RSD	.31827	.12771	.05682	1.2181	.18991	.17291	.16762
#1	.48951	.49207	.50345	.49879	.47909	.49331	.49852
#2	.49172	.49118	.50305	.49027	.47780	.49451	.49971
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48476	.49156
SDev	.00007	.00133
%RSD	.01429	.27072
#1	.48481	.49250
#2	.48471	.49062
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5444	--	--	--	--	--	--
SDev	1.378996	--	--	--	--	--	--
%RSD	.0253291	--	--	--	--	--	--
#1	5443	--	--	--	--	--	--
#2	5445	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 01:33:47 PM page 1

Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 13:28:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03541	-.00020	-.00049	.00018	.00004	.04057	.00018
SDev	.01221	.00070	.00003	.00005	.00000	.00835	.00001
%RSD	34.472	356.53	5.2615	26.216	8.5622	20.581	3.7415
#1	.02678	.00030	-.00051	.00022	.00003	.03467	.00018
#2	.04404	-.00069	-.00047	.00015	.00004	.04647	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00015	.00019	.01598	.00376	.04493	.00005
SDev	.00014	.00000	.00026	.00240	.02429	.01266	.00006
%RSD	76.283	.47743	138.22	15.008	646.07	28.165	115.35
#1	.00008	.00015	.00037	.01428	.02093	.03599	.00009
#2	.00028	.00015	.00000	.01768	-.01341	.05388	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03758	.00103	-.00042	.00069	.00032	.00007	-.00080
SDev	.12493	.00046	.00137	.00209	.00094	.00174	.00075
%RSD	332.48	44.711	324.13	302.70	293.24	2581.7	93.522
#1	.05077	.00071	.00055	-.00079	-.00034	-.00116	-.00133
#2	-.12592	.00136	-.00140	.00217	.00098	.00130	-.00027
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00146	.00083	.00064	.00802	.00018	.00037	.00142
SDev	.00011	.00267	.00001	.00290	.00040	.00014	.00000
%RSD	7.7888	320.39	1.5457	36.111	218.99	38.094	.13250
#1	-.00138	-.00105	.00064	.00597	.00047	.00047	.00142
#2	-.00154	.00272	.00065	.01007	-.00010	.00027	.00142
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00012	.00107
SDev	.00009	.00148
%RSD	78.150	139.22
#1	-.00018	.00211
#2	-.00005	.00002
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5379	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0670406	--	--	--	--	--	--
#1	5377	--	--	--	--	--	--
#2	5382	--	--	--	--	--	--

Analysis Report 10/03/08 01:38:50 PM page 1

Method: TRACE1 Sample Name: AD856211/PB Operator: AH
Run Time: 10/03/08 13:33:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.09436	-.00007	.00269	.00018	-.00006	.09437	.00026
SDev	.01625	.00052	.00018	.00008	.00003	.01538	.00003
%RSD	17.227	746.97	6.5895	45.020	45.503	16.296	13.572
#1	H.10586	.00030	.00257	.00023	-.00004	.10525	.00023
#2	.08287	-.00044	.00282	.00012	-.00009	.08350	.00028
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00059	.00049	.01578	-.00375	.04910	.00021
SDev	.00037	.00028	.00039	.00707	.02710	.01806	.00006
%RSD	203.33	47.286	79.830	44.835	723.33	36.785	26.998
#1	.00044	.00039	.00021	.02078	-.02291	.06187	.00017
#2	-.00008	.00079	.00076	.01078	.01542	.03633	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08773	.00051	.00108	.00055	.00073	.00186	-.00218
SDev	.12062	.00001	.00164	.00145	.00151	.00147	.00291
%RSD	137.49	2.4158	151.51	263.24	207.85	79.089	133.48
#1	-.17302	.00052	-.00008	-.00047	-.00034	.00291	-.00424
#2	-.00244	.00051	.00224	.00157	.00180	.00082	-.00012
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00289	.00135	.00066	.00385	-.00020	.00239	.00160
SDev	.00082	.00180	.00007	.00193	.00013	.00001	.00018
%RSD	28.279	133.50	10.459	49.985	66.499	.44648	11.580
#1	.00347	.00262	.00061	.00249	-.00010	.00240	.00173
#2	.00231	.00008	.00071	.00521	-.00029	.00239	.00147
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00025	.00010
SDev	.00014	.00013
%RSD	54.503	126.67
#1	-.00035	.00019
#2	-.00015	.00001
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5498	--	--	--	--	--	--
SDev	15.80391	--	--	--	--	--	--
%RSD	.2874234	--	--	--	--	--	--
#1	5487	--	--	--	--	--	--
#2	5510	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856210/FB Operator: AH
Run Time: 10/03/08 13:38:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9660	.20513	.20012	.20110	.20072	10.070	.20162
SDev	.0014	.00232	.00038	.00003	.00038	.003	.00008
%RSD	.01368	1.1331	.19124	.01463	.19144	.02876	.04059
#1	9.9650	.20678	.19985	.20112	.20099	10.072	.20168
#2	9.9670	.20349	.20039	.20108	.20045	10.068	.20156
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20125	.20126	.19830	10.091	10.461	10.087	.20194
SDev	.00019	.00009	.00002	.001	.062	.022	.00032
%RSD	.09549	.04596	.00931	.00904	.59103	.21802	.15764
#1	.20139	.20133	.19829	10.090	10.504	10.103	.20217
#2	.20112	.20120	.19832	10.091	10.417	10.072	.20172
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.001	.20076	.20558	.20397	.20450	.20201	.20365
SDev	.010	.00136	.00141	.00047	.00016	.00139	.00073
%RSD	.10207	.67744	.68497	.22801	.07760	.68941	.35754
#1	9.9939	.20172	.20657	.20364	.20462	.20300	.20416
#2	10.008	.19980	.20458	.20430	.20439	.20103	.20313
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20068	.20268	.19933	.19941	.19840	.20167	.20745
SDev	.00056	.00181	.00042	.00151	.00007	.00048	.00154
%RSD	.28160	.89129	.21306	.75889	.03650	.24023	.74264
#1	.20108	.20396	.19963	.19834	.19835	.20201	.20636
#2	.20028	.20141	.19903	.20048	.19845	.20133	.20854
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05006	.20118
SDev	.00032	.00124
%RSD	.64702	.61768
#1	.04983	.20206
#2	.05029	.20030
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5506	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.1021062	--	--	--	--	--	--
#1	5510	--	--	--	--	--	--
#2	5502	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856209/PB Operator: AH
Run Time: 10/03/08 13:43:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02890	.00064	.00296	.00004	-.00020	.04853	.00003
SDev	.00214	.00045	.00000	.00005	.00004	.00203	.00006
%RSD	7.3895	71.060	.04045	110.75	20.236	4.1840	205.45
#1	.03041	.00032	.00296	.00008	-.00017	.04996	-.00001
#2	.02739	.00096	.00296	.00001	-.00023	.04709	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.00024	-.00003	.00140	.00145	-.00473	-.00004
SDev	.00015	.00033	.00018	.00390	.02360	.00350	.00006
%RSD	82.304	136.68	725.85	279.44	1625.5	73.992	151.21
#1	-.00008	-.00048	.00011	-.00136	.01814	-.00226	.00000
#2	-.00029	-.00001	-.00016	.00415	-.01524	-.00721	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01723	.00088	-.00205	.00189	.00058	.00006	.00050
SDev	.08474	.00010	.00356	.00083	.00174	.00295	.00075
%RSD	491.78	11.862	173.59	44.159	302.30	5137.3	150.20
#1	-.07715	.00080	.00047	.00248	.00181	.00215	.00103
#2	.04269	.00095	-.00457	.00130	-.00066	-.00203	-.00003
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00014	.00050	.00625	-.00001	.00199	.00215
SDev	.00685	.00101	.00002	.00155	.00013	.00028	.00133
%RSD	6116.2	708.05	3.9130	24.740	1037.2	13.873	61.933
#1	.00473	.00085	.00051	.00735	.00008	.00179	.00308
#2	-.00495	-.00057	.00049	.00516	-.00010	.00218	.00121
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00039	.00061
SDev	.00028	.00093
%RSD	71.555	153.01
#1	-.00019	.00127
#2	-.00058	-.00005
Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5523	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0172855	--	--	--	--	--	--
#1	5522	--	--	--	--	--	--
#2	5524	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856208/FB Operator: AH
Run Time: 10/03/08 13:48:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.115	.20760	.20139	.20328	.20285	10.154	.20182
SDev	.075	.00237	.00064	.00157	.00088	.051	.00125
%RSD	.74285	1.1424	.31887	.77156	.43126	.49943	.61878
#1	10.062	.20592	.20094	.20217	.20223	10.118	.20093
#2	10.168	.20927	.20184	.20439	.20347	10.190	.20270
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20227	.20297	.20033	10.175	10.525	10.188	.20369
SDev	.00146	.00152	.00092	.056	.040	.050	.00089
%RSD	.72371	.74632	.45654	.55396	.37715	.48733	.43947
#1	.20123	.20190	.19968	10.135	10.497	10.153	.20305
#2	.20330	.20404	.20097	10.215	10.553	10.223	.20432
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.137	.20258	.20648	.20559	.20589	.20506	.20250
SDev	.198	.00056	.00114	.00123	.00044	.00334	.00088
%RSD	1.9577	.27386	.55226	.60050	.21553	1.6269	.43347
#1	9.9970	.20219	.20728	.20472	.20557	.20271	.20312
#2	10.278	.20297	.20567	.20647	.20620	.20742	.20188
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20957	.20282	.20086	.20160	.20036	.20639	.21044
SDev	.00719	.00141	.00135	.01238	.00159	.00098	.00146
%RSD	3.4315	.69456	.67003	6.1417	.79248	.47536	.69556
#1	.20448	.20182	.19991	.19285	.19924	.20569	.20940
#2	.21465	.20381	.20181	.21036	.20148	.20708	.21147
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05107	.20338
SDev	.00045	.00001
%RSD	.88573	.00265
#1	.05075	.20337
#2	.05139	.20338
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5487	--	--	--	--	--	--
SDev	18.56155	--	--	--	--	--	--
%RSD	.3382777	--	--	--	--	--	--
#1	5500	--	--	--	--	--	--
#2	5474	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856187 Operator: AH
Run Time: 10/03/08 13:54:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06945	.00135	2.9181	.06259	.00011	110.59	-.00014
SDev	.00451	.00137	.0260	.00068	.00010	1.16	.00003
%RSD	6.4956	101.67	.89196	1.0902	89.775	1.0450	22.507
#1	.07264	.00038	2.9365	.06308	.00017	111.40	-.00016
#2	.06626	.00232	2.8997	.06211	.00004	109.77	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.00476	-.00022	14.598	.71749	26.256	.36103
SDev	.00005	.00003	.00029	.165	.02016	.281	.00374
%RSD	3.1550	.62214	130.95	1.1303	2.8095	1.0702	1.0345
#1	.00157	.00478	-.00043	14.715	.73175	26.455	.36367
#2	.00150	.00474	-.00002	14.482	.70324	26.058	.35839
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.477	.00140	-.00249	.00102	-.00015	.00013	-.00316
SDev	.050	.00034	.00077	.00025	.00009	.00180	.00103
%RSD	.24566	24.553	30.957	24.226	61.660	1367.4	32.744
#1	20.513	.00116	-.00195	.00085	-.00008	.00141	-.00389
#2	20.442	.00164	-.00304	.00120	-.00021	-.00114	-.00243
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00023	.00802	.00387	.01281	.00680	.00221
SDev	.00003	.00269	.00018	.00215	.00025	.00008	.00018
%RSD	39.677	1170.6	2.2085	55.454	1.9605	1.1317	8.1379
#1	-.00005	.00213	.00815	.00539	.01299	.00685	.00234
#2	-.00008	-.00167	.00790	.00235	.01264	.00674	.00208
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.00009
SDev	.00028	.00180
%RSD	151.99	2049.5
#1	.00001	-.00119
#2	-.00039	.00136
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5451	--	--	--	--	--	--
SDev	51.01769	--	--	--	--	--	--
%RSD	.9358939	--	--	--	--	--	--
#1	5415	--	--	--	--	--	--
#2	5487	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856188 Operator: AH
Run Time: 10/03/08 13:59:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03472	.00057	.11506	.03526	-.00017	51.014	.00020
SDev	.00244	.00021	.00214	.00005	.00002	.086	.00005
%RSD	7.0325	36.733	1.8612	.14867	10.212	.16809	24.450
#1	.03644	.00042	.11657	.03529	-.00015	51.075	.00016
#2	.03299	.00072	.11354	.03522	-.00018	50.953	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00240	.00019	.00072	.09948	2.5651	9.2951	.13149
SDev	.00003	.00005	.00016	.00157	.0054	.0157	.00031
%RSD	1.1276	28.805	22.826	1.5775	.20932	.16908	.23798
#1	.00238	.00022	.00060	.09837	2.5689	9.3062	.13171
#2	.00242	.00015	.00083	.10059	2.5613	9.2840	.13127
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	157.29	.00197	-.00101	.00129	.00053	-.00079	-.00015
SDev	.26	.00005	.00176	.00085	.00116	.00051	.00013
%RSD	.16550	2.6805	175.20	66.111	219.55	64.570	83.721
#1	157.47	.00194	.00024	.00189	.00134	-.00115	-.00006
#2	157.10	.00201	-.00225	.00069	-.00029	-.00043	-.00024
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	-.00135	.00029	.00070	.00027	.00372	.00151
SDev	.00019	.00067	.00004	.00140	.00026	.00098	.00038
%RSD	55.906	49.763	13.861	200.48	96.237	26.353	25.398
#1	.00020	-.00183	.00026	.00169	.00009	.00442	.00179
#2	.00046	-.00088	.00031	-.00029	.00046	.00303	.00124
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00015	.00523
SDev	.00014	.00039
%RSD	91.764	7.4333
#1	.00025	.00551
#2	.00005	.00496
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5439	--	--	--	--	--	--
SDev	.7423240	--	--	--	--	--	--
%RSD	.0136484	--	--	--	--	--	--
#1	5438	--	--	--	--	--	--
#2	5439	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856189 Operator: AH
Run Time: 10/03/08 14:04:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03770	.00006	.57088	.07606	-.00016	143.94	.02027
SDev	.00536	.00061	.00043	.00008	.00002	.21	.00001
%RSD	14.215	1035.6	.07600	.10843	11.629	.14722	.07071
#1	.03391	.00049	.57058	.07611	-.00017	143.79	.02028
#2	.04149	-.00037	.57119	.07600	-.00014	144.09	.02025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00443	.00077	.00141	1.1391	1.3113	30.162	.69546
SDev	.00014	.00030	.00012	.0072	.0019	.053	.00004
%RSD	3.2034	39.212	8.4378	.63039	.14233	.17522	.00580
#1	.00453	.00099	.00150	1.1340	1.3126	30.125	.69543
#2	.00433	.00056	.00133	1.1442	1.3100	30.199	.69549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.522	.00693	.00056	.00119	.00098	-.00249	.00121
SDev	.197	.00019	.00072	.00049	.00009	.00178	.00076
%RSD	.64507	2.7495	127.26	41.473	9.2957	71.223	62.308
#1	30.661	.00680	.00107	.00084	.00092	-.00124	.00175
#2	30.383	.00707	.00006	.00154	.00105	-.00375	.00068
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00042	-.00353	.00048	.00110	.00015	.01050	.00121
SDev	.00541	.00537	.00004	.00130	.00039	.00015	.00019
%RSD	1274.7	152.18	8.3007	117.76	256.46	1.4104	15.742
#1	-.00425	.00027	.00045	.00202	-.00012	.01060	.00135
#2	.00340	-.00733	.00051	.00018	.00043	.01039	.00108
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00031	.00107
SDev	.00007	.00048
%RSD	23.929	44.483
#1	-.00036	.00141
#2	-.00026	.00073
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5428	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0664385	--	--	--	--	--	--
#1	5426	--	--	--	--	--	--
#2	5431	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856190 Operator: AH
Run Time: 10/03/08 14:09:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05386	.00382	1.1032	.05436	-.00007	126.71	-.00009
SDev	.00001	.00136	.0006	.00000	.00000	.03	.00004
%RSD	.00843	35.537	.05492	.00246	4.4604	.02760	44.398
#1	.05385	.00286	1.1037	.05436	-.00008	126.73	-.00012
#2	.05386	.00478	1.1028	.05436	-.00007	126.68	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	.00120	-.00072	17.114	.93066	32.349	.80102
SDev	.00003	.00007	.00028	.012	.01079	.021	.00013
%RSD	1.8233	5.9573	38.803	.07301	1.1592	.06629	.01606
#1	.00144	.00125	-.00092	17.105	.92303	32.364	.80111
#2	.00148	.00115	-.00052	17.122	.93829	32.334	.80093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.508	.00223	-.00092	.00216	.00114	.00342	-.00402
SDev	.050	.00084	.00177	.00040	.00032	.00063	.00037
%RSD	.23103	37.496	191.46	18.703	28.145	18.534	9.2687
#1	21.543	.00164	.00033	.00188	.00136	.00386	-.00376
#2	21.473	.00282	-.00218	.00245	.00091	.00297	-.00429
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00411	.00307	.00255	.00129	.00292	.00560	.00345
SDev	.00491	.00150	.00010	.00054	.00013	.00027	.00038
%RSD	119.28	49.051	3.9000	41.505	4.5433	4.8896	11.046
#1	.00758	.00200	.00262	.00167	.00301	.00540	.00372
#2	.00064	.00413	.00248	.00091	.00282	.00579	.00318
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00006	.00072
SDev	.00021	.00034
%RSD	350.49	47.744
#1	-.00009	.00096
#2	.00021	.00047
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5495	--	--	--	--	--	--
SDev	3.288323	--	--	--	--	--	--
%RSD	.0598467	--	--	--	--	--	--
#1	5492	--	--	--	--	--	--
#2	5497	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856191 Operator: AH
Run Time: 10/03/08 14:14:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10147	.00259	.28457	.05067	-.00033	29.416	-.00015
SDev	.00102	.00024	.00099	.00021	.00000	.058	.00015
%RSD	1.0009	9.4220	.34882	.41617	.37656	.19812	98.358
#1	.10219	.00277	.28387	.05052	-.00033	29.375	-.00026
#2	.10075	.00242	.28527	.05082	-.00033	29.457	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00014	.00016	.59745	17.144	6.7024	.11651
SDev	.00015	.00003	.00016	.00173	.070	.0104	.00028
%RSD	21.031	24.703	98.200	.29035	.40730	.15504	.24413
#1	.00060	.00016	.00027	.59622	17.095	6.6950	.11631
#2	.00080	.00011	.00005	.59868	17.194	6.7097	.11671
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.2793	.00345	-.00180	.00320	.00154	.00115	.00062
SDev	.0346	.00010	.00113	.00030	.00018	.00006	.00160
%RSD	.41732	2.8970	62.889	9.3518	11.482	5.5057	258.93
#1	8.2549	.00352	-.00100	.00299	.00166	.00119	.00175
#2	8.3037	.00338	-.00259	.00341	.00141	.00110	-.00051
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	.00074	.00071	-.00005	-.00011	.00554	.00134
SDev	.00374	.00178	.00005	.00002	.00026	.00016	.00095
%RSD	190.20	240.21	6.8019	38.932	230.62	2.8408	70.658
#1	.00461	-.00052	.00075	-.00007	.00007	.00543	.00201
#2	-.00068	.00199	.00068	-.00004	-.00029	.00565	.00067
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00772	.00885
SDev	.00013	.00229
%RSD	1.6970	25.835
#1	.00781	.01047
#2	.00763	.00723
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5576	--	--	--	--	--	--
SDev	16.33424	--	--	--	--	--	--
%RSD	.2929566	--	--	--	--	--	--
#1	5587	--	--	--	--	--	--
#2	5564	--	--	--	--	--	--

Analysis Report 10/03/08 02:24:09 PM page 1

Method: TRACE1 Sample Name: AD856192 Operator: AH
Run Time: 10/03/08 14:19:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21361	.00079	.53320	.04493	-.00016	135.52	.00011
SDev	.00473	.00123	.00089	.00010	.00001	.02	.00009
%RSD	2.2136	155.51	.16781	.22615	5.7202	.01480	81.288
#1	.21696	.00166	.53257	.04486	-.00015	135.51	.00018
#2	.21027	-.00008	.53383	.04500	-.00017	135.53	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	.00017	.00381	.02097	3.3087	35.083	1.8713
SDev	.00030	.00007	.00003	.00868	.0139	.063	.0041
%RSD	12.278	41.658	.73560	41.395	.42057	.17882	.21713
#1	.00268	.00022	.00379	.01483	3.2989	35.038	1.8684
#2	.00225	.00012	.00383	.02711	3.3186	35.127	1.8742
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.389	.00813	-.00106	.00026	-.00018	.00156	-.00124
SDev	.078	.00036	.00110	.00066	.00007	.00314	.00138
%RSD	.16120	4.4645	103.86	255.55	40.021	201.91	111.19
#1	48.334	.00838	-.00183	.00072	-.00013	-.00067	-.00027
#2	48.444	.00787	-.00028	-.00021	-.00023	.00378	-.00222
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00070	.00269	.00103	-.00083	.00054	.00409	.00075
SDev	.00093	.00425	.00004	.00340	.00013	.00041	.00153
%RSD	133.02	158.24	3.8209	410.55	24.051	10.098	205.23
#1	-.00136	-.00032	.00106	-.00323	.00064	.00438	-.00034
#2	-.00004	.00569	.00100	.00157	.00045	.00380	.00183
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00012	.00198
SDev	.00015	.00098
%RSD	119.83	49.649
#1	-.00002	.00268
#2	-.00022	.00129
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5466	--	--	--	--	--	--
SDev	4.666628	--	--	--	--	--	--
%RSD	.0853685	--	--	--	--	--	--
#1	5470	--	--	--	--	--	--
#2	5463	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 02:32:08 PM page 1

Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 14:27:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.583	.46778	.46862	.47032	.47489	23.612	.46992
SDev	.009	.00105	.00104	.00105	.00128	.017	.00014
%RSD	.03770	.22524	.22237	.22377	.27004	.07312	.02995
#1	23.589	.46703	.46936	.46958	.47399	23.600	.47002
#2	23.576	.46852	.46789	.47107	.47580	23.624	.46982
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46584	.48450	.46436	23.479	24.408	23.849	.47859
SDev	.00042	.00032	.00070	.021	.104	.059	.00115
%RSD	.09089	.06628	.15033	.09106	.42695	.24758	.24080
#1	.46554	.48427	.46386	23.464	24.334	23.807	.47777
#2	.46614	.48473	.46485	23.494	24.482	23.891	.47940
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.390	.47654	.47945	.47429	.47601	.48219	.49018
SDev	.116	.00132	.00004	.00022	.00013	.00416	.00035
%RSD	.49694	.27765	.00806	.04617	.02798	.86287	.07205
#1	23.472	.47748	.47942	.47444	.47610	.47925	.49043
#2	23.308	.47561	.47948	.47413	.47591	.48514	.48993
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48762	.47949	.49109	.47342	.46637	.47530	.48913
SDev	.00283	.00483	.00051	.01044	.00047	.00188	.00000
%RSD	.58089	1.0063	.10292	2.2061	.10050	.39658	.00086
#1	.48562	.47608	.49073	.46603	.46604	.47397	.48913
#2	.48962	.48290	.49145	.48080	.46670	.47663	.48913
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.47407	.47585
SDev	.00065	.00313
%RSD	.13806	.65738
#1	.47361	.47364
#2	.47454	.47806
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5526	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0383901	--	--	--	--	--	--
#1	5524	--	--	--	--	--	--
#2	5527	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 02:37:10 PM page 1

Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 14:32:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01457	.00099	.00031	.00015	-.00008	.01834	.00013
SDev	.00450	.00001	.00096	.00008	.00007	.00434	.00039
%RSD	30.905	.92222	312.84	51.037	82.996	23.648	306.86
#1	.01775	.00100	.00099	.00021	-.00003	.02141	.00041
#2	.01139	.00099	-.00037	.00010	-.00013	.01527	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00012	.00010	.01241	.00262	.01683	.00025
SDev	.00036	.00009	.00023	.00234	.00369	.00558	.00012
%RSD	599.06	72.922	224.18	18.873	140.91	33.148	46.480
#1	.00031	-.00018	.00026	.01075	.00523	.02077	.00033
#2	-.00019	-.00006	-.00006	.01406	.00001	.01288	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.13126	.00078	-.00288	.00155	.00008	.00198	-.00085
SDev	.07043	.00042	.00094	.00123	.00051	.00227	.00030
%RSD	53.657	53.184	32.622	79.090	666.25	114.34	35.271
#1	-.08146	.00108	-.00222	.00068	-.00028	.00359	-.00107
#2	-.18106	.00049	-.00354	.00242	.00043	.00038	-.00064
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	.00412	.00060	.00573	.00035	.00013	.00041
SDev	.00047	.00317	.00014	.00094	.00013	.00069	.00038
%RSD	20.567	76.881	22.876	16.418	36.705	528.46	93.342
#1	-.00195	.00636	.00069	.00506	.00044	.00061	.00068
#2	-.00262	.00188	.00050	.00639	.00026	-.00036	.00014
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00032	.00076
SDev	.00049	.00080
%RSD	151.98	106.03
#1	.00002	.00133
#2	-.00067	.00019
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5538	--	--	--	--	--	--
SDev	6.788294	--	--	--	--	--	--
%RSD	.1225700	--	--	--	--	--	--
#1	5543	--	--	--	--	--	--
#2	5534	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856192/L (1:5) Operator: AH
Run Time: 10/03/08 14:37:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04235	.00115	.10587	.00912	-.00005	27.341	.00005
SDev	.00297	.00251	.00126	.00002	.00002	.017	.00011
%RSD	7.0120	218.43	1.1929	.22353	42.806	.06079	221.49
#1	.04025	.00293	.10676	.00914	-.00006	27.353	.00013
#2	.04445	-.00063	.10497	.00911	-.00003	27.329	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00013	.00071	.00089	.61982	7.0524	.38107
SDev	.00011	.00040	.00015	.00793	.01725	.0039	.00104
%RSD	17.830	305.45	21.063	894.88	2.7826	.05480	.27307
#1	.00054	-.00015	.00082	-.00472	.60762	7.0551	.38181
#2	.00069	.00042	.00061	.00650	.63202	7.0496	.38033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4987	.00279	.00147	-.00002	.00048	.00279	.00357
SDev	.0383	.00068	.00024	.00026	.00025	.00018	.00128
%RSD	.40346	24.540	16.052	1407.4	52.308	6.6438	35.690
#1	9.5258	.00328	.00130	-.00020	.00030	.00265	.00267
#2	9.4716	.00231	.00164	.00016	.00065	.00292	.00447
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00328	.00254	.00063	.00215	.00018	.00144	.00100
SDev	.00282	.00169	.00013	.00064	.00013	.00002	.00098
%RSD	85.838	66.473	20.355	29.460	72.149	1.0381	97.437
#1	.00527	.00134	.00072	.00260	.00009	.00145	.00031
#2	.00129	.00373	.00054	.00171	.00027	.00143	.00169
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00010	.00108
SDev	.00024	.00113
%RSD	236.83	104.70
#1	.00007	.00187
#2	-.00027	.00028
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5450	--	--	--	--	--	--
SDev	30.44081	--	--	--	--	--	--
%RSD	.5585752	--	--	--	--	--	--
#1	5428	--	--	--	--	--	--
#2	5471	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856192/PS Operator: AH
Run Time: 10/03/08 14:42:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8135	.19684	.71135	.23670	.19429	140.75	.19193
SDev	.0618	.00176	.00484	.00291	.00301	1.06	.00108
%RSD	.62973	.89423	.68065	1.2302	1.5489	.75469	.56324
#1	9.7698	.19560	.70793	.23464	.19217	140.00	.19116
#2	9.8572	.19809	.71478	.23876	.19642	141.51	.19269
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19211	.19205	.19418	9.7020	13.956	44.012	2.0149
SDev	.00214	.00182	.00191	.0938	.288	.608	.0270
%RSD	1.1142	.94820	.98119	.96715	2.0600	1.3822	1.3380
#1	.19059	.19076	.19283	9.6356	13.753	43.582	1.9958
#2	.19362	.19334	.19552	9.7683	14.160	44.442	2.0340
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	56.467	.19794	.19076	.19198	.19158	.19581	.19465
SDev	.556	.00148	.00064	.00334	.00244	.00037	.00202
%RSD	.98420	.74873	.33730	1.7395	1.2746	.18934	1.0401
#1	56.074	.19690	.19031	.18962	.18985	.19554	.19322
#2	56.860	.19899	.19122	.19434	.19330	.19607	.19609
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19447	.19647	.19371	.19371	.19307	.19280	.16257
SDev	.00486	.00187	.00137	.00222	.00098	.00247	.00047
%RSD	2.5001	.95425	.70664	1.1487	.50954	1.2804	.29101
#1	.19104	.19780	.19274	.19213	.19237	.19106	.16223
#2	.19791	.19515	.19467	.19528	.19376	.19455	.16290
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04881	.19449
SDev	.00027	.00371
%RSD	.55411	1.9102
#1	.04862	.19187
#2	.04900	.19712
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5530	--	--	--	--	--	--
SDev	42.85074	--	--	--	--	--	--
%RSD	.7749128	--	--	--	--	--	--
#1	5560	--	--	--	--	--	--
#2	5499	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856193/MS Operator: AH
Run Time: 10/03/08 14:47:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.019	.20585	.70360	.24548	.19947	144.90	.19647
SDev	.066	.00062	.00717	.00198	.00202	1.23	.00213
%RSD	.66091	.30286	1.0188	.80676	1.0127	.84857	1.0815
#1	10.065	.20541	.70867	.24688	.20090	145.77	.19797
#2	9.9717	.20629	.69854	.24408	.19804	144.03	.19497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19774	.19809	.20326	9.9804	14.214	45.278	2.1060
SDev	.00180	.00196	.00123	.0782	.098	.412	.0186
%RSD	.91023	.99058	.60663	.78315	.68662	.90892	.88156
#1	.19902	.19947	.20413	10.036	14.283	45.569	2.1192
#2	.19647	.19670	.20239	9.9251	14.145	44.987	2.0929
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	58.125	.20298	.19667	.20091	.19950	.20404	.20357
SDev	.427	.00130	.00127	.00160	.00149	.00236	.00166
%RSD	.73546	.64194	.64657	.79531	.74648	1.1590	.81327
#1	58.427	.20391	.19757	.20204	.20055	.20571	.20240
#2	57.823	.20206	.19577	.19978	.19844	.20236	.20475
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20101	.20555	.19860	.20087	.19786	.19642	.20528
SDev	.00063	.00386	.00130	.00038	.00172	.00215	.00014
%RSD	.31397	1.8792	.65581	.19120	.86735	1.0926	.06579
#1	.20057	.20828	.19952	.20060	.19907	.19794	.20519
#2	.20146	.20282	.19768	.20114	.19665	.19490	.20538
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.05096	.19870
SDev	.00024	.00085
%RSD	.47519	.42891
#1	.05114	.19930
#2	.05079	.19809
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5399	--	--	--	--	--	--
SDev	43.16873	--	--	--	--	--	--
%RSD	.7996319	--	--	--	--	--	--
#1	5368	--	--	--	--	--	--
#2	5429	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856194/SD Operator: AH
Run Time: 10/03/08 14:52:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7903	.19970	.69514	.24197	.19537	143.37	.19057
SDev	.0046	.00174	.00037	.00061	.00048	.14	.00045
%RSD	.04669	.86927	.05365	.25405	.24661	.09988	.23624
#1	9.7871	.20093	.69487	.24154	.19503	143.47	.19089
#2	9.7935	.19848	.69540	.24241	.19571	143.27	.19025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19365	.19310	.19836	9.7182	14.182	44.920	2.0783
SDev	.00063	.00034	.00016	.0132	.139	.070	.0029
%RSD	.32632	.17718	.08169	.13603	.98209	.15598	.13913
#1	.19321	.19335	.19847	9.7088	14.084	44.870	2.0763
#2	.19410	.19286	.19824	9.7275	14.281	44.969	2.0804
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.750	.19831	.19220	.19417	.19351	.19915	.20039
SDev	.067	.00022	.00037	.00151	.00113	.00166	.00307
%RSD	.11667	.10952	.19217	.77696	.58354	.83308	1.5306
#1	57.798	.19846	.19246	.19523	.19431	.20032	.19822
#2	57.702	.19815	.19194	.19310	.19271	.19797	.20256
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19979	.19883	.19345	.19039	.19276	.19246	.20212
SDev	.00361	.00069	.00015	.00366	.00015	.00039	.00012
%RSD	1.8050	.34478	.07819	1.9226	.07737	.20296	.05689
#1	.20234	.19931	.19356	.18780	.19266	.19274	.20220
#2	.19724	.19834	.19334	.19298	.19287	.19218	.20204
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04972	.19471
SDev	.00003	.00117
%RSD	.05092	.60146
#1	.04974	.19388
#2	.04970	.19553
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5481	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0580563	--	--	--	--	--	--
#1	5479	--	--	--	--	--	--
#2	5483	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856195 Operator: AH
Run Time: 10/03/08 14:57:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01978	.00031	.26322	.07097	.00003	171.79	.00036
SDev	.00134	.00042	.00114	.00026	.00000	.34	.00001
%RSD	6.7518	133.60	.43220	.36189	13.152	.19926	3.0035
#1	.01884	.00002	.26241	.07115	.00003	172.03	.00035
#2	.02073	.00061	.26402	.07079	.00003	171.55	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	-.00010	-.00037	.00553	3.7291	42.216	.01020
SDev	.00007	.00025	.00056	.00717	.0044	.056	.00004
%RSD	6.2701	239.83	150.15	129.64	.11871	.13192	.37100
#1	.00104	-.00028	-.00077	.01059	3.7260	42.255	.01023
#2	.00114	.00007	.00002	.00046	3.7322	42.176	.01018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	205.26	.00221	-.00053	.00210	.00122	.00237	.00157
SDev	.71	.00012	.00187	.00078	.00010	.00144	.00032
%RSD	.34365	5.5570	356.17	37.362	8.2115	60.627	20.760
#1	205.76	.00229	-.00185	.00265	.00115	.00339	.00180
#2	204.76	.00212	.00080	.00154	.00129	.00136	.00134
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00343	.00066	.00710	-.00010	.00784	.00177
SDev	.00088	.00172	.00017	.00033	.00000	.00003	.00135
%RSD	329.23	50.198	25.741	4.6744	.20317	.42342	76.140
#1	.00089	.00465	.00078	.00686	-.00010	.00786	.00273
#2	-.00035	.00221	.00054	.00733	-.00010	.00781	.00082
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00132
SDev	.00012	.00025
%RSD	72.044	19.230
#1	.00026	.00114
#2	.00008	.00150
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5407	--	--	--	--	--	--
SDev	19.51622	--	--	--	--	--	--
%RSD	.3609702	--	--	--	--	--	--
#1	5393	--	--	--	--	--	--
#2	5420	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856196 Operator: AH
Run Time: 10/03/08 15:02:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02801	.00135	.43184	.02548	-.00015	74.498	.00006
SDev	.00351	.00017	.00168	.00003	.00000	.001	.00005
%RSD	12.516	12.861	.38823	.12078	.57995	.00081	76.394
#1	.03049	.00123	.43066	.02546	-.00015	74.499	.00003
#2	.02553	.00148	.43303	.02550	-.00015	74.498	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	.00238	-.00032	6.4417	.58638	19.866	.20530
SDev	.00015	.00031	.00012	.0086	.01225	.045	.00055
%RSD	5.7672	12.927	37.169	.13274	2.0898	.22739	.26768
#1	.00241	.00216	-.00040	6.4357	.57772	19.834	.20492
#2	.00261	.00260	-.00023	6.4478	.59505	19.898	.20569
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.946	.00188	-.00155	-.00054	-.00088	.00077	-.00142
SDev	.196	.00003	.00044	.00033	.00037	.00033	.00092
%RSD	1.3120	1.6945	28.550	61.042	41.947	42.472	64.750
#1	14.807	.00186	-.00187	-.00078	-.00114	.00100	-.00077
#2	15.085	.00191	-.00124	-.00031	-.00062	.00054	-.00207
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00116	.00467	.00087	.00712	.00410	.00097
SDev	.00027	.00036	.00007	.00129	.00016	.00039	.00152
%RSD	3888.4	30.844	1.5113	147.76	2.2619	9.4817	157.42
#1	.00018	.00141	.00472	-.00004	.00700	.00438	.00204
#2	-.00020	.00091	.00463	.00178	.00723	.00383	-.00011
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00014	.00221
SDev	.00012	.00077
%RSD	80.676	34.795
#1	-.00023	.00167
#2	-.00006	.00276
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5552	--	--	--	--	--	--
SDev	23.44052	--	--	--	--	--	--
%RSD	.4221977	--	--	--	--	--	--
#1	5569	--	--	--	--	--	--
#2	5535	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856197 Operator: AH
Run Time: 10/03/08 15:07:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10286	.00327	.39876	.08352	-.00018	52.647	.00005
SDev	.00320	.00088	.00121	.00002	.00002	.084	.00007
%RSD	3.1161	26.866	.30458	.01988	8.1128	.15889	139.69
#1	.10060	.00389	.39962	.08351	-.00017	52.706	.00010
#2	.10513	.00265	.39790	.08353	-.00019	52.587	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00487	.00103	-.00030	7.7594	6.2022	19.118	.31355
SDev	.00028	.00042	.00009	.0132	.0001	.005	.00009
%RSD	5.8364	41.194	31.342	.17059	.00123	.02505	.02749
#1	.00467	.00133	-.00023	7.7501	6.2023	19.122	.31361
#2	.00507	.00073	-.00036	7.7688	6.2022	19.115	.31349
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.539	.00535	.00044	.00092	.00076	.00115	-.00135
SDev	.069	.00121	.00242	.00028	.00062	.00050	.00056
%RSD	.47539	22.527	553.81	30.738	81.306	43.665	41.761
#1	14.490	.00621	.00214	.00072	.00119	.00151	-.00095
#2	14.587	.00450	-.00127	.00112	.00032	.00080	-.00175
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	.00091	.00245	.00198	.00120	.00705	.00135
SDev	.00200	.00024	.00018	.00102	.00026	.00027	.00134
%RSD	122.24	26.878	7.1762	51.653	21.484	3.8412	99.284
#1	.00305	.00074	.00232	.00126	.00102	.00686	.00040
#2	.00022	.00108	.00257	.00270	.00138	.00724	.00230
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00047	.00143
SDev	.00014	.00077
%RSD	31.102	53.964
#1	-.00057	.00198
#2	-.00036	.00088
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5477	--	--	--	--	--	--
SDev	5.090961	--	--	--	--	--	--
%RSD	.0929474	--	--	--	--	--	--
#1	5474	--	--	--	--	--	--
#2	5481	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856198 Operator: AH
Run Time: 10/03/08 15:12:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07498	.00154	.29318	.02723	-.00018	26.035	-.00000
SDev	.00267	.00003	.00451	.00048	.00007	.308	.00029
%RSD	3.5662	1.8610	1.5393	1.7601	39.363	1.1833	7232.4
#1	.07309	.00152	.29637	.02756	-.00013	26.253	.00020
#2	.07687	.00156	.28999	.02689	-.00023	25.818	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	.00008	-.00024	.14736	8.8928	7.9196	.07357
SDev	.00026	.00018	.00038	.00676	.1536	.1269	.00120
%RSD	18.339	226.89	161.57	4.5903	1.7267	1.6019	1.6254
#1	.00160	.00021	.00003	.15214	9.0014	8.0093	.07441
#2	.00123	-.00005	-.00051	.14258	8.7842	7.8299	.07272
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.778	.00297	-.00226	.00215	.00068	.00071	.00210
SDev	.238	.00004	.00050	.00002	.00018	.00340	.00210
%RSD	2.0198	1.4080	22.232	1.1041	27.018	481.57	99.955
#1	11.946	.00300	-.00262	.00213	.00055	-.00170	.00358
#2	11.610	.00294	-.00191	.00217	.00081	.00311	.00062
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00436	-.00112	.00034	.00316	.00008	.00416	.00225
SDev	.00402	.00309	.00013	.00306	.00001	.00020	.00112
%RSD	92.055	274.90	39.331	96.836	7.1405	4.7368	50.080
#1	.00152	-.00331	.00024	.00533	.00009	.00402	.00304
#2	.00720	.00106	.00043	.00100	.00008	.00430	.00145
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00021	.00636
SDev	.00044	.00069
%RSD	213.47	10.919
#1	-.00052	.00685
#2	.00011	.00587
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5494	--	--	--	--	--	--
SDev	80.29218	--	--	--	--	--	--
%RSD	1.461578	--	--	--	--	--	--
#1	5437	--	--	--	--	--	--
#2	5550	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856199 Operator: AH
Run Time: 10/03/08 15:17:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01603	.00081	.91311	.05613	-.00007	122.77	.00795
SDev	.00215	.00239	.00004	.00011	.00001	.05	.00019
%RSD	13.391	294.33	.00484	.20339	20.187	.04312	2.4040
#1	.01451	.00251	.91308	.05621	-.00006	122.73	.00782
#2	.01754	-.00088	.91314	.05605	-.00008	122.81	.00809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00013	-.00028	-.00796	1.3067	41.130	.24773
SDev	.00026	.00007	.00054	.01505	.0014	.116	.00054
%RSD	50.127	56.752	192.00	189.13	.10942	.28304	.21629
#1	.00071	-.00008	.00010	.00268	1.3057	41.213	.24811
#2	.00034	-.00018	-.00067	-.01860	1.3077	41.048	.24735
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.195	.00274	.00060	.00094	.00083	.00158	.00019
SDev	.044	.00060	.00230	.00035	.00100	.00156	.00251
%RSD	.23908	21.894	385.28	37.517	121.38	98.779	1330.2
#1	18.164	.00317	-.00103	.00069	.00012	.00269	.00196
#2	18.226	.00232	.00223	.00119	.00153	.00048	-.00159
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	.00199	.00034	-.00092	-.00038	.00662	.00124
SDev	.00058	.00206	.00000	.00179	.00013	.00030	.00059
%RSD	75.621	103.22	.33460	196.01	35.179	4.5983	47.310
#1	.00117	.00345	.00034	-.00218	-.00047	.00683	.00082
#2	.00036	.00054	.00034	.00035	-.00028	.00640	.00165
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00005	.00198
SDev	.00007	.00099
%RSD	134.42	49.908
#1	-.00010	.00128
#2	-.00000	.00268
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5423	--	--	--	--	--	--
SDev	15.59157	--	--	--	--	--	--
%RSD	.2875307	--	--	--	--	--	--
#1	5412	--	--	--	--	--	--
#2	5434	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856200 Operator: AH
Run Time: 10/03/08 15:22:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01395	.00081	.70876	.04481	-.00015	99.766	-.00019
SDev	.00001	.00055	.00093	.00005	.00005	.154	.00016
%RSD	.04840	68.497	.13105	.10218	31.159	.15423	87.953
#1	.01394	.00120	.70811	.04485	-.00012	99.875	-.00030
#2	.01395	.00042	.70942	.04478	-.00018	99.657	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	-.00014	.00002	.00487	.58271	37.418	.89398
SDev	.00006	.00005	.00016	.00316	.00121	.118	.00179
%RSD	8.1385	37.315	928.29	64.939	.20720	.31564	.20046
#1	.00071	-.00018	-.00010	.00263	.58185	37.502	.89525
#2	.00063	-.00011	.00013	.00711	.58356	37.335	.89271
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.2782	.00219	-.00088	.00164	.00080	-.00017	-.00112
SDev	.0644	.00030	.00069	.00063	.00065	.00194	.00269
%RSD	1.0250	13.614	78.097	38.281	80.769	1109.4	240.90
#1	6.2327	.00241	-.00136	.00120	.00034	.00120	.00078
#2	6.3237	.00198	-.00039	.00208	.00126	-.00154	-.00302
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	-.00011	.00067	-.00012	.00018	.00589	.00128
SDev	.00006	.00294	.00002	.00194	.00013	.00070	.00173
%RSD	20.661	2597.7	2.9721	1685.5	73.795	11.872	135.47
#1	-.00034	.00196	.00068	-.00149	.00027	.00540	.00005
#2	-.00025	-.00219	.00065	.00126	.00008	.00639	.00250
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00026	.00060
SDev	.00002	.00086
%RSD	6.9738	143.95
#1	-.00027	-.00001
#2	-.00024	.00121
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5444	--	--	--	--	--	--
SDev	.2119939	--	--	--	--	--	--
%RSD	.0038940	--	--	--	--	--	--
#1	5444	--	--	--	--	--	--
#2	5444	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 15:30:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.634	.47014	.46743	.47034	.47495	23.615	.47105
SDev	.012	.00151	.00260	.00128	.00080	.036	.00057
%RSD	.05096	.32015	.55634	.27098	.16761	.15283	.12097
#1	23.642	.47120	.46927	.46944	.47439	23.640	.47145
#2	23.625	.46908	.46559	.47124	.47551	23.589	.47064
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46635	.48494	.46364	23.513	24.515	23.862	.47853
SDev	.00101	.00025	.00038	.029	.231	.045	.00019
%RSD	.21590	.05179	.08296	.12285	.94394	.18810	.03882
#1	.46706	.48512	.46391	23.533	24.351	23.831	.47866
#2	.46564	.48476	.46336	23.492	24.678	23.894	.47839
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.326	.47727	.48068	.47706	.47827	.48241	.48717
SDev	.080	.00005	.00153	.00102	.00017	.00129	.00026
%RSD	.34214	.01084	.31774	.21466	.03647	.26798	.05232
#1	23.269	.47723	.47960	.47779	.47839	.48332	.48735
#2	23.382	.47730	.48176	.47634	.47814	.48149	.48699
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48562	.48081	.49109	.47768	.46578	.47434	.49080
SDev	.00371	.00379	.00026	.00044	.00022	.00147	.00034
%RSD	.76338	.78883	.05305	.09196	.04836	.30963	.06905
#1	.48299	.48349	.49127	.47737	.46562	.47538	.49056
#2	.48824	.47813	.49090	.47799	.46594	.47330	.49104
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.47321	.47443
SDev	.00074	.00059
%RSD	.15579	.12417
#1	.47269	.47402
#2	.47373	.47485
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5492	--	--	--	--	--	--
SDev	10.28827	--	--	--	--	--	--
%RSD	.1873463	--	--	--	--	--	--
#1	5499	--	--	--	--	--	--
#2	5484	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 15:35:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02097	.00015	-.00013	.00022	.00000	.02040	.00007
SDev	.00064	.00045	.00053	.00002	.00003	.00285	.00022
%RSD	3.0338	291.63	410.83	7.7782	1341.6	13.963	304.47
#1	.02142	.00047	.00024	.00021	.00003	.02242	.00022
#2	.02052	-.00016	-.00050	.00023	-.00002	.01839	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.00002	-.00014	.01300	-.00545	.01745	.00015
SDev	.00010	.00019	.00002	.00628	.01663	.00064	.00014
%RSD	44.341	962.66	14.036	48.276	304.82	3.6681	97.727
#1	.00029	.00012	-.00012	.00856	.00630	.01791	.00025
#2	.00015	-.00016	-.00015	.01744	-.01721	.01700	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.12888	.00098	-.00171	.00100	.00010	-.00086	.00071
SDev	.07839	.00057	.00295	.00056	.00136	.00044	.00291
%RSD	60.824	57.586	172.23	56.060	1398.3	51.349	407.32
#1	-.07345	.00058	.00037	.00140	.00106	-.00117	.00277
#2	-.18431	.00139	-.00380	.00060	-.00086	-.00055	-.00134
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00796	.00269	.00062	.00647	.00026	.00004	.00214
SDev	.00407	.00270	.00006	.00211	.00026	.00055	.00096
%RSD	51.127	100.15	9.4734	32.670	99.061	1394.3	44.693
#1	-.00508	.00079	.00067	.00797	.00008	.00043	.00282
#2	-.01084	.00460	.00058	.00498	.00045	-.00035	.00146
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00019	.00031
SDev	.00014	.00068
%RSD	73.389	218.64
#1	-.00009	.00079
#2	-.00029	-.00017
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5509	--	--	--	--	--	--
SDev	19.94055	--	--	--	--	--	--
%RSD	.3619598	--	--	--	--	--	--
#1	5523	--	--	--	--	--	--
#2	5495	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856201 Operator: AH
Run Time: 10/03/08 15:40:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03933	.00101	.12782	.02332	-.00007	91.746	.00031
SDev	.00149	.00134	.00057	.00023	.00004	.432	.00001
%RSD	3.7950	132.09	.44816	.98309	51.053	.47110	3.7157
#1	.04039	.00007	.12742	.02316	-.00010	91.440	.00030
#2	.03828	.00196	.12823	.02349	-.00005	92.052	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.00050	-.00016	-.00409	1.2786	29.905	.00587
SDev	.00030	.00026	.00002	.00157	.0094	.132	.00014
%RSD	17.255	52.745	13.951	38.324	.73662	.44147	2.4551
#1	.00197	.00069	-.00018	-.00520	1.2852	29.812	.00577
#2	.00154	.00031	-.00015	-.00298	1.2719	29.999	.00597
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.27	.00129	.00073	.00216	.00168	.00205	-.00304
SDev	.27	.00035	.00086	.00117	.00050	.00085	.00032
%RSD	.25979	26.766	118.12	54.372	29.529	41.412	10.665
#1	105.08	.00105	.00134	.00133	.00133	.00145	-.00281
#2	105.46	.00154	.00012	.00299	.00203	.00265	-.00327
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00411	.00102	.00028	.00250	-.00019	.00708	.00210
SDev	.00182	.00037	.00004	.00179	.00013	.00028	.00095
%RSD	44.176	35.860	14.095	71.533	65.379	3.9264	45.411
#1	.00283	.00076	.00031	.00123	-.00028	.00727	.00277
#2	.00539	.00128	.00025	.00376	-.00010	.00688	.00142
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00035	.00085
SDev	.00038	.00234
%RSD	109.59	274.18
#1	-.00008	.00251
#2	-.00062	-.00080
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5512	--	--	--	--	--	--
SDev	1.272654	--	--	--	--	--	--
%RSD	.0230886	--	--	--	--	--	--
#1	5511	--	--	--	--	--	--
#2	5513	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856202 Operator: AH
Run Time: 10/03/08 15:45:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02819	.00114	.13077	.04084	.00010	92.059	-.00001
SDev	.00293	.00101	.00014	.00012	.00005	.435	.00025
%RSD	10.400	89.150	.10385	.30472	47.602	.47228	3044.7
#1	.03026	.00186	.13087	.04093	.00013	92.366	.00017
#2	.02612	.00042	.13067	.04075	.00006	91.752	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00418	.00033	.00059	.03477	3.9975	29.358	.02541
SDev	.00024	.00007	.00024	.00888	.0048	.154	.00008
%RSD	5.8649	22.336	40.948	25.549	.12067	.52361	.30622
#1	.00436	.00038	.00076	.04105	3.9941	29.467	.02546
#2	.00401	.00028	.00042	.02849	4.0009	29.249	.02535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.494	.00225	-.00163	.00117	.00024	.00758	-.00017
SDev	.121	.00071	.00234	.00139	.00015	.00007	.00255
%RSD	.15008	31.670	143.65	118.60	62.363	.97716	1543.4
#1	80.409	.00275	-.00328	.00216	.00035	.00753	.00164
#2	80.580	.00175	.00003	.00019	.00014	.00763	-.00197
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00499	.00887	.00062	-.00067	.00037	.00640	.00089
SDev	.00259	.00141	.00035	.00062	.00040	.00013	.00118
%RSD	51.998	15.862	57.197	92.030	107.54	1.9930	131.94
#1	.00682	.00788	.00086	-.00023	.00066	.00631	.00006
#2	.00315	.00987	.00037	-.00110	.00009	.00649	.00172
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00166
SDev	.00060	.00053
%RSD	550.21	31.816
#1	.00053	.00203
#2	-.00031	.00129
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5364	--	--	--	--	--	--
SDev	9.969930	--	--	--	--	--	--
%RSD	.1858518	--	--	--	--	--	--
#1	5357	--	--	--	--	--	--
#2	5372	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856203 Operator: AH
Run Time: 10/03/08 15:50:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04756	.00159	2.8507	.06173	-.00009	106.99	-.00012
SDev	.00593	.00066	.0099	.00029	.00002	.40	.00001
%RSD	12.460	41.598	.34607	.47328	20.340	.37039	6.7774
#1	.05175	.00112	2.8437	.06153	-.00010	106.71	-.00013
#2	.04337	.00205	2.8576	.06194	-.00008	107.27	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00014	.00413	-.00047	14.204	.68746	25.575	.35055
SDev	.00019	.00011	.00044	.067	.00290	.162	.00181
%RSD	134.18	2.6996	95.046	.47358	.42241	.63297	.51770
#1	.00001	.00405	-.00078	14.156	.68951	25.461	.34927
#2	.00028	.00421	-.00015	14.251	.68540	25.690	.35183
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.147	.00106	-.00074	-.00012	-.00033	.00306	-.00147
SDev	.006	.00002	.00163	.00113	.00130	.00007	.00186
%RSD	.03031	1.4722	220.14	910.95	392.98	2.4597	126.55
#1	20.151	.00105	-.00190	-.00092	-.00125	.00300	-.00278
#2	20.142	.00107	.00041	.00067	.00059	.00311	-.00015
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00348	.00284	.00783	-.00206	.01197	.00310	.00384
SDev	.00204	.00113	.00017	.00074	.00015	.00042	.00095
%RSD	58.731	39.939	2.1282	35.831	1.2240	13.639	24.860
#1	.00493	.00204	.00795	-.00259	.01187	.00280	.00316
#2	.00204	.00365	.00771	-.00154	.01207	.00340	.00451
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00098	-.00136
SDev	.00006	.00017
%RSD	6.2058	12.498
#1	-.00094	-.00148
#2	-.00103	-.00124
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5498	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1427537	--	--	--	--	--	--
#1	5504	--	--	--	--	--	--
#2	5493	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854539 Operator: AH
Run Time: 10/03/08 15:57:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	128.63	.20359	.34126	1.1346	.02089	H1062.5	.01004
SDev	.01	.00400	.00037	.0049	.00006	.4	.00019
%RSD	.00585	1.9659	.10864	.43455	.30218	.04036	1.8808
#1	128.63	.20642	.34152	1.1311	.02085	H1062.8	.00991
#2	128.64	.20076	.34099	1.1381	.02094	H1062.2	.01017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03464	5.9793	.41182	456.11	12.739	204.06	H68.288
SDev	.00021	.0170	.00025	.83	.143	.85	.192
%RSD	.61273	.28400	.06104	.18206	1.1187	.41589	.28117
#1	.03479	5.9673	.41200	455.52	12.638	203.46	H68.152
#2	.03449	5.9913	.41165	456.70	12.840	204.66	H68.424
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9023	.39016	1.0262	1.0140	1.0181	.01413	.01364
SDev	.0033	.00087	.0001	.0002	.0002	.00208	.00071
%RSD	.08407	.22371	.01391	.01878	.01715	14.735	5.1841
#1	3.9000	.38954	1.0261	1.0139	1.0180	.01266	.01414
#2	3.9046	.39078	1.0263	1.0141	1.0182	.01560	.01314
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01793	.01223	7.5611	-.00262	1.8727	2.3309	.07719
SDev	.00058	.00341	.0114	.00773	.0011	.0053	.00237
%RSD	3.2436	27.911	.15039	295.05	.05826	.22679	3.0690
#1	.01834	.00982	7.5691	.00285	1.8719	2.3271	.07552
#2	.01751	.01464	7.5530	-.00809	1.8734	2.3346	.07887
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00288	.21863
SDev	.00028	.00026
%RSD	9.8601	.11839
#1	-.00308	.21845
#2	-.00268	.21882
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5742	--	--	--	--	--	--
SDev	.4239879	--	--	--	--	--	--
%RSD	.0073844	--	--	--	--	--	--
#1	5741	--	--	--	--	--	--
#2	5742	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854540 Operator: AH
Run Time: 10/03/08 16:02:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.837	.69324	.33774	.85952	.01667	498.30	.01363
SDev	.018	.00102	.00021	.00204	.00004	.64	.00032
%RSD	.01875	.14776	.06098	.23711	.24722	.12915	2.3521
#1	97.850	.69251	.33759	.85808	.01664	497.85	.01341
#2	97.824	.69396	.33788	.86096	.01670	498.76	.01386
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09128	.73159	.97485	612.89	11.448	99.858	H22.055
SDev	.00108	.00188	.00006	1.20	.057	.348	.042
%RSD	1.1816	.25763	.00667	.19516	.49390	.34831	.19059
#1	.09052	.73025	.97480	612.05	11.408	99.612	H22.025
#2	.09205	.73292	.97490	613.74	11.488	100.10	H22.085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.0219	.50222	.78524	.77538	.77866	.01088	.01261
SDev	.0443	.00163	.00394	.00388	.00390	.00001	.00103
%RSD	1.1005	.32497	.50217	.50093	.50135	.05119	8.1321
#1	3.9906	.50106	.78245	.77263	.77590	.01089	.01188
#2	4.0531	.50337	.78803	.77813	.78142	.01088	.01333
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00968	.01149	2.9405	L-.01322	.39045	2.4426	.10056
SDev	.00199	.00099	.0054	.00247	.00034	.0046	.00160
%RSD	20.542	8.5804	.18534	18.692	.08728	.18883	1.5913
#1	.01108	.01079	2.9443	L-.01147	.39021	2.4394	.09943
#2	.00827	.01218	2.9366	L-.01497	.39069	2.4459	.10169
Errors	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00062	.04400
SDev	.00005	.00003
%RSD	7.6877	.07634
#1	.00066	.04402
#2	.00059	.04397
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5696	--	--	--	--	--	--
SDev	19.19788	--	--	--	--	--	--
%RSD	.3370133	--	--	--	--	--	--
#1	5710	--	--	--	--	--	--
#2	5683	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD854541 Operator: AH
Run Time: 10/03/08 16:07:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.064	.20505	.14109	.91643	.00787	334.56	.00797
SDev	.000	.00198	.00187	.00374	.00007	.79	.00000
%RSD	.00057	.96403	1.3227	.40798	.83638	.23551	.04138
#1	68.064	.20645	.14241	.91378	.00782	334.00	.00797
#2	68.064	.20365	.13977	.91907	.00791	335.11	.00797
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03598	.78164	.90714	470.61	6.4738	60.827	H21.446
SDev	.00094	.00244	.00039	1.55	.0626	.293	.064
%RSD	2.6208	.31175	.04323	.32857	.96726	.48178	.29688
#1	.03531	.77991	.90742	469.52	6.4295	60.620	H21.401
#2	.03664	.78336	.90687	471.71	6.5180	61.034	H21.491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2831	.27646	.99653	.98216	.98695	.00956	.00993
SDev	.0470	.00245	.00338	.00104	.00043	.00119	.00166
%RSD	2.0594	.88661	.33920	.10629	.04350	12.397	16.665
#1	2.3164	.27473	.99414	.98290	.98664	.01040	.01110
#2	2.2499	.27819	.99892	.98143	.98725	.00872	.00876
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00669	.01099	2.5558	-.00813	.37845	4.8747	.09976
SDev	.00172	.00092	.0037	.00142	.00004	.0222	.00027
%RSD	25.728	8.3405	.14358	17.510	.01137	.45636	.26645
#1	.00791	.01164	2.5583	-.00913	.37841	4.8589	.09995
#2	.00547	.01035	2.5532	-.00712	.37848	4.8904	.09957
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00058	.05283
SDev	.00031	.00273
%RSD	53.888	5.1678
#1	.00036	.05089
#2	.00080	.05476
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5583	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.3134886	--	--	--	--	--	--
#1	5595	--	--	--	--	--	--
#2	5570	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856609/PB Operator: AH
Run Time: 10/03/08 16:15:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02300	.00021	-.00037	.00027	-.00017	.04739	.00012
SDev	.00257	.00053	.00107	.00005	.00003	.00159	.00002
%RSD	11.191	253.72	288.36	18.185	15.080	3.3492	13.929
#1	.02482	-.00017	-.00112	.00024	-.00018	.04851	.00013
#2	.02118	.00058	.00038	.00030	-.00015	.04627	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00100	.00029	.02203	.03212	-.00436	.00103
SDev	.00004	.00011	.00001	.00005	.00855	.00019	.00014
%RSD	11.952	11.103	1.6452	.23106	26.631	4.3642	13.919
#1	.00038	.00092	.00029	.02200	.02607	-.00422	.00113
#2	.00032	.00108	.00029	.02207	.03817	-.00449	.00093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01600	.00048	.00063	.00097	.00086	.00008	.00260
SDev	.04488	.00003	.00023	.00067	.00052	.00037	.00118
%RSD	280.58	5.9615	35.797	68.907	60.796	461.09	45.290
#1	.01574	.00046	.00047	.00050	.00049	.00034	.00343
#2	-.04773	.00050	.00079	.00144	.00123	-.00018	.00177
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00543	.00284	.00066	-.00158	-.00029	.00422	H.03360
SDev	.00003	.00054	.00007	.00384	.00026	.00058	.00067
%RSD	.61142	18.967	10.523	242.43	91.835	13.724	1.9928
#1	-.00541	.00322	.00061	.00113	-.00047	.00381	H.03407
#2	-.00546	.00246	.00071	-.00430	-.00010	.00463	H.03312
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00047	.00157
SDev	.00040	.00022
%RSD	86.082	14.120
#1	-.00076	.00141
#2	-.00018	.00173
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5440	--	--	--	--	--	--
SDev	18.34922	--	--	--	--	--	--
%RSD	.3372940	--	--	--	--	--	--
#1	5453	--	--	--	--	--	--
#2	5427	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CRI Operator: AH
Run Time: 10/03/08 16:24:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18767	.00901	.01948	.00211	.00168	.46141	.00083
SDev	.00439	.00384	.00030	.00008	.00002	.00075	.00003
%RSD	2.3392	42.639	1.5572	3.7588	1.2869	.16327	4.1161
#1	.19078	.00629	.01970	.00205	.00166	.46088	.00085
#2	.18457	.01173	.01927	.00216	.00169	.46195	.00080
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00404	.00398	.00897	.05318	.48982	.19091	.00323
SDev	.00011	.00014	.00001	.00200	.00961	.00295	.00012
%RSD	2.7817	3.6128	.05067	3.7578	1.9624	1.5424	3.7183
#1	.00412	.00408	.00896	.05459	.48302	.18883	.00331
#2	.00396	.00387	.00897	.05177	.49662	.19299	.00315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.86312	.01057	.00469	.00625	.00573	.01813	.02093
SDev	.18675	.00009	.00181	.00003	.00058	.00050	.00016
%RSD	21.637	.88168	38.497	.55430	10.093	2.7466	.75686
#1	.99518	.01051	.00342	.00628	.00532	.01848	.02104
#2	.73107	.01064	.00597	.00623	.00614	.01778	.02081
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01466	.01986	.00505	.01738	.00475	.01116	.01087
SDev	.00229	.00040	.00033	.00047	.00016	.00018	.00109
%RSD	15.587	1.9919	6.5315	2.7325	3.4697	1.6556	9.9944
#1	.01628	.01958	.00529	.01771	.00463	.01129	.01163
#2	.01304	.02014	.00482	.01704	.00486	.01103	.01010
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00261	.01049
SDev	.00026	.00149
%RSD	10.030	14.242
#1	.00280	.01154
#2	.00243	.00943
Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5521	--	--	--	--	--	--
SDev	40.19909	--	--	--	--	--	--
%RSD	.7280762	--	--	--	--	--	--
#1	5550	--	--	--	--	--	--
#2	5493	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 04:34:47 PM page 1

Method: TRACE1 Sample Name: ICSA Operator: AH
Run Time: 10/03/08 16:29:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	485.25	.00081	.00005	.00063	.00021	480.58	-.00045
SDev	.21	.00146	.00118	.00004	.00000	.61	.00006
%RSD	.04377	179.99	2512.0	6.3843	1.6881	.12644	14.243
#1	485.40	-.00022	-.00079	.00060	.00022	480.15	-.00049
#2	485.10	.00185	.00088	.00066	.00021	481.01	-.00040
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	-.00087	-.00184	187.68	.02185	489.25	-.00027
SDev	.00007	.00026	.00001	.40	.00594	.96	.00037
%RSD	20.134	29.469	.61074	.21088	27.209	.19526	139.29
#1	-.00040	-.00069	-.00185	187.40	.02605	488.57	-.00053
#2	-.00030	-.00105	-.00183	187.96	.01764	489.92	-.00000
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01138	.00139	.02435	-.01152	.00042	-.00267	-.00189
SDev	.02428	.00022	.00411	.00519	.00209	.00139	.00707
%RSD	213.46	15.741	16.878	45.005	494.64	52.045	374.88
#1	.02855	.00154	.02144	-.00786	.00190	-.00169	-.00689
#2	-.00579	.00124	.02726	-.01519	-.00106	-.00366	.00312
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00602	-.00100	.00045	-.00683	.00039	-.00249	.00506
SDev	.00303	.00057	.00029	.00611	.00011	.00057	.00265
%RSD	50.279	57.378	63.640	89.386	28.630	22.901	52.433
#1	-.00388	-.00059	.00066	-.01115	.00031	-.00209	.00318
#2	-.00817	-.00140	.00025	-.00251	.00047	-.00289	.00694
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00074	-.00086
SDev	.00021	.00029
%RSD	28.094	34.135
#1	.00088	-.00106
#2	.00059	-.00065
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5147	--	--	--	--	--	--
SDev	20.78887	--	--	--	--	--	--
%RSD	.4039301	--	--	--	--	--	--
#1	5132	--	--	--	--	--	--
#2	5161	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 04:39:49 PM page 1

Method: TRACE1 Sample Name: ICSAB Operator: AH
Run Time: 10/03/08 16:34:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	483.98	.10309	.01375	.49092	.46164	475.73	.92015
SDev	1.44	.00141	.00012	.00094	.00206	2.29	.00479
%RSD	.29810	1.3649	.88151	.19182	.44569	.48082	.51999
#1	485.00	.10209	.01384	.49159	.46309	477.35	.92353
#2	482.96	.10408	.01367	.49026	.46018	474.12	.91676
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45235	.47239	.48783	92.459	.01161	478.53	.46055
SDev	.00126	.00186	.00078	.387	.00907	1.97	.00197
%RSD	.27887	.39305	.16086	.41866	78.057	.41161	.42859
#1	.45324	.47370	.48838	92.733	.01802	479.92	.46194
#2	.45146	.47108	.48727	92.185	.00520	477.14	.45915
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04801	.89218	.07678	.03093	.04619	.04772	.60657
SDev	.12851	.00493	.00825	.00704	.00195	.00086	.00152
%RSD	267.68	.55229	10.744	22.755	4.2154	1.7953	.25065
#1	-.13888	.89567	.08261	.02595	.04482	.04833	.60549
#2	.04286	.88870	.07094	.03590	.04757	.04712	.60764
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05673	.04322	.00224	.09054	.47859	.89300	.00548
SDev	.00441	.00092	.00000	.00692	.00180	.00355	.00062
%RSD	7.7794	2.1322	.07030	7.6408	.37697	.39739	11.231
#1	.05985	.04257	.00224	.08565	.47987	.89551	.00592
#2	.05361	.04387	.00224	.09543	.47731	.89049	.00505
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.20351	-.00043
SDev	.00057	.00090
%RSD	.27854	208.22
#1	.20391	.00021
#2	.20311	-.00107
Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5181	--	--	--	--	--	--
SDev	23.97085	--	--	--	--	--	--
%RSD	.4626818	--	--	--	--	--	--
#1	5164	--	--	--	--	--	--
#2	5198	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 04:46:20 PM page 1

Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 16:41:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.645	.46225	.46210	.47186	.47402	23.449	.45821
SDev	.088	.00665	.00220	.00476	.00574	.131	.00348
%RSD	.37198	1.4393	.47579	1.0094	1.2112	.55834	.75849
#1	23.583	.45754	.46054	.46849	.46996	23.356	.45576
#2	23.707	.46695	.46365	.47523	.47808	23.541	.46067
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45968	.48048	.46336	23.403	24.929	23.788	.47316
SDev	.00443	.00599	.00289	.261	.438	.201	.00462
%RSD	.96411	1.2472	.62455	1.1165	1.7589	.84416	.97653
#1	.45655	.47625	.46131	23.219	24.619	23.646	.46989
#2	.46281	.48472	.46540	23.588	25.239	23.930	.47643
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.298	.47045	.47432	.46861	.47051	.47721	.48007
SDev	.180	.00539	.00804	.00342	.00496	.00739	.00762
%RSD	.77311	1.1454	1.6952	.72952	1.0537	1.5475	1.5863
#1	23.171	.46664	.46863	.46619	.46700	.47199	.47469
#2	23.425	.47426	.48001	.47102	.47401	.48243	.48546
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48440	.47362	.48475	.47153	.46101	.46585	.48620
SDev	.01067	.00574	.00292	.00355	.00397	.00688	.00942
%RSD	2.2034	1.2121	.60286	.75256	.86081	1.4774	1.9374
#1	.47686	.46957	.48269	.46902	.45821	.46098	.47954
#2	.49195	.47768	.48682	.47404	.46382	.47071	.49286
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.47238	.46755
SDev	.00290	.00568
%RSD	.61470	1.2147
#1	.47032	.46353
#2	.47443	.47156
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5434	--	--	--	--	--	--
SDev	34.36546	--	--	--	--	--	--
%RSD	.6324620	--	--	--	--	--	--
#1	5458	--	--	--	--	--	--
#2	5409	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 04:51:22 PM page 1

Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 16:46:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09390	.00151	-.00069	.00021	-.00015	.08286	.00030
SDev	.04412	.00070	.00212	.00005	.00009	.04430	.00021
%RSD	46.984	46.651	309.22	21.533	57.296	53.472	69.032
#1	.12510	.00201	.00081	.00024	-.00009	.11418	.00045
#2	.06270	.00101	-.00219	.00018	-.00022	.05153	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00019	-.00054	.02951	-.00644	.08541	.00022
SDev	.00041	.00019	.00020	.02054	.02237	.04323	.00003
%RSD	143.47	98.930	37.230	69.604	347.33	50.613	12.982
#1	-.00000	.00032	-.00040	.04403	.00938	.11598	.00024
#2	.00058	.00006	-.00069	.01499	-.02226	.05484	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.12269	.00118	-.00288	.00144	.00000	.00254	-.00218
SDev	.00239	.00007	.00145	.00101	.00019	.00042	.00036
%RSD	1.9460	5.8336	50.535	69.678	3964.1	16.439	16.684
#1	-.12100	.00123	-.00390	.00215	.00014	.00225	-.00193
#2	-.12438	.00113	-.00185	.00073	-.00013	.00284	-.00244
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00342	.00057	.00288	.00016	.00029	.00192
SDev	.00181	.00028	.00006	.00122	.00013	.00013	.00055
%RSD	225.30	8.1349	9.9974	42.264	78.732	45.566	28.893
#1	-.00048	.00361	.00053	.00374	.00025	.00039	.00153
#2	.00208	.00322	.00061	.00202	.00007	.00020	.00231
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00041	.00115
SDev	.00010	.00037
%RSD	23.302	32.370
#1	.00034	.00141
#2	.00048	.00089
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5652	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1332434	--	--	--	--	--	--
#1	5657	--	--	--	--	--	--
#2	5646	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856608/CLPSL Operator: AH
Run Time: 10/03/08 16:51:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	72.727	1.0971	1.1322	1.8652	L.96310	79.990	.86592
SDev	.274	.0067	.0043	.0063	.00427	.530	.00736
%RSD	.37617	.61444	.37641	.33834	.44300	.66216	.84983
#1	72.534	1.0923	1.1292	1.8607	L.96009	L79.616	.86072
#2	72.921	1.1018	1.1353	1.8696	L.96612	80.365	.87113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	LC Pass	LC Pass
High	148.00	1.6000	1.6300	2.6800	1.3600	112.00	1.2000
Low	62.500	1.0700	.87600	1.8400	.97900	79.900	.85300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1153	1.8945	1.3040	125.28	43.696	38.614	L4.1670
SDev	.0066	.0102	.0037	.81	.229	.212	.0226
%RSD	.59124	.53916	.28308	.64757	.52328	.54933	.54205
#1	1.1107	1.8872	1.3014	124.70	43.535	38.464	L4.1510
#2	1.1200	1.9017	1.3066	125.85	43.858	38.764	L4.1830
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	1.5700	2.5800	1.8100	277.00	67.000	58.600	5.9900
Low	1.0800	1.7900	1.2900	93.600	39.000	38.100	4.2100

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6661	1.0396	1.3809	1.3533	L1.3625	.79566	.45271
SDev	.1255	.0058	.0105	.0047	.0066	.00425	.00317
%RSD	1.8821	.56132	.75775	.34460	.48404	.53366	.69970
#1	6.5774	1.0355	1.3735	1.3500	L1.3578	.79266	.45047
#2	6.7548	1.0437	1.3883	1.3565	L1.3671	.79866	.45495
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Low	LC Pass	LC Pass
High	10.100	1.4300			1.9900	1.1600	1.6400
Low	5.8900	.95700			1.3700	.72300	.00690

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81141	.78779	3.7245	1.3593	.98835	2.3185	.88287
SDev	.00342	.00466	.0198	.0122	.00550	.0153	.00806
%RSD	.42083	.59177	.53272	.89438	.55672	.66008	.91350
#1	.80900	.78450	3.7105	1.3507	.98446	2.3077	.87717
#2	.81383	.79109	3.7386	1.3679	.99224	2.3293	.88857
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			7.0700	1.8200	1.4800	3.3400	1.3500
Low			1.3500	1.2400	.97800	2.2700	.82100

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.68092	.92150
SDev	.00148	.00546
%RSD	.21809	.59267
#1	.67987	.91764
#2	.68197	.92536
Errors	LC Pass	LC Pass
High	1.0800	1.3200
Low	.53800	.89100

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5857	--	--	--	--	--	--
SDev	11.98560	--	--	--	--	--	--
%RSD	.2046485	--	--	--	--	--	--
#1	5848	--	--	--	--	--	--
#2	5865	--	--	--	--	--	--

Analysis Report 10/03/08 05:01:27 PM page 1

Method: TRACE1 Sample Name: AD856587 Operator: AH
Run Time: 10/03/08 16:56:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	27.127	.15232	.06835	.39157	.00158	217.40	.01306
SDev	.055	.00005	.00079	.00018	.00006	.82	.00020
%RSD	.20306	.03249	1.1592	.04555	3.9528	.37705	1.5735
#1	27.166	.15235	.06779	.39170	.00163	217.98	.01291
#2	27.088	.15228	.06891	.39145	.00154	216.82	.01320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06381	.93517	.63451	314.56	4.5876	56.383	2.8136
SDev	.00033	.00330	.00050	1.04	.0044	.121	.0047
%RSD	.51712	.35252	.07916	.33092	.09611	.21542	.16558
#1	.06404	.93750	.63487	315.30	4.5845	56.469	2.8169
#2	.06357	.93284	.63416	313.82	4.5907	56.297	2.8103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.7133	2.4780	4.4980	4.4929	4.4946	.01627	.11190
SDev	.1031	.0093	.0273	.0180	.0211	.00018	.00030
%RSD	2.7776	.37649	.60804	.40061	.46973	1.1072	.27252
#1	3.6404	2.4846	4.5174	4.5056	4.5095	.01614	.11168
#2	3.7863	2.4714	4.4787	4.4801	4.4797	.01640	.11211
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00984	.01949	.96561	-.00272	.07428	1.5303	.21288
SDev	.00236	.00091	.00348	.00182	.00026	.0035	.00078
%RSD	24.024	4.6751	.36059	66.787	.34859	.22803	.36719
#1	.00816	.02013	.96807	-.00400	.07446	1.5327	.21343
#2	.01151	.01885	.96315	-.00143	.07409	1.5278	.21233
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00108	.01568
SDev	.00032	.00147
%RSD	29.375	9.3937
#1	.00130	.01464
#2	.00086	.01672
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5587	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1917424	--	--	--	--	--	--
#1	5579	--	--	--	--	--	--
#2	5595	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856587/L (1:5) Operator: AH
Run Time: 10/03/08 17:01:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5764	.03250	.01360	.07946	.00026	44.760	.00261
SDev	.0018	.00037	.00021	.00023	.00004	.072	.00006
%RSD	.03304	1.1433	1.5835	.29129	14.068	.16104	2.3085
#1	5.5751	.03223	.01345	.07963	.00023	44.709	.00265
#2	5.5777	.03276	.01376	.07930	.00028	44.810	.00257
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01362	.19417	.12615	65.568	.86733	11.576	.58425
SDev	.00032	.00010	.00006	.090	.00121	.028	.00092
%RSD	2.3788	.05149	.04442	.13786	.13942	.24133	.15652
#1	.01339	.19424	.12619	65.504	.86648	11.596	.58490
#2	.01385	.19410	.12611	65.632	.86819	11.557	.58361
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63060	.52088	.94852	.93640	.94044	.00404	.02340
SDev	.06400	.00098	.00067	.00194	.00107	.00184	.00232
%RSD	10.150	.18837	.07014	.20676	.11375	45.580	9.9320
#1	.67586	.52018	.94805	.93777	.94119	.00535	.02176
#2	.58534	.52157	.94899	.93503	.93968	.00274	.02504
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00333	.00440	.20406	-.00026	.01496	.32413	.04563
SDev	.00198	.00177	.00130	.00136	.00086	.00014	.00029
%RSD	59.678	40.255	.63910	527.48	5.7511	.04233	.63559
#1	.00473	.00566	.20498	-.00122	.01435	.32422	.04542
#2	.00192	.00315	.20314	.00070	.01557	.32403	.04583
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00045	.00419
SDev	.00034	.00093
%RSD	74.292	22.254
#1	.00022	.00485
#2	.00069	.00353
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5563	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.2116360	--	--	--	--	--	--
#1	5555	--	--	--	--	--	--
#2	5571	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856587/PS Operator: AH
Run Time: 10/03/08 17:06:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	44.441	.50926	.42581	.74452	.35541	226.43	.37004
SDev	.069	.00279	.00055	.00086	.00030	.19	.00026
%RSD	.15524	.54804	.12954	.11526	.08311	.08475	.07137
#1	44.392	.50729	.42542	.74391	.35562	226.29	.36985
#2	44.490	.51123	.42620	.74513	.35520	226.56	.37022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41479	1.2913	.98354	320.07	25.614	72.400	3.0649
SDev	.00031	.0009	.00163	.10	.015	.027	.0006
%RSD	.07561	.07152	.16626	.03132	.05665	.03782	.01891
#1	.41457	1.2906	.98238	320.00	25.604	72.420	3.0653
#2	.41501	1.2919	.98469	320.14	25.625	72.381	3.0645
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.430	2.8107	4.6727	4.6256	4.6413	.37327	.47978
SDev	.082	.0028	.0026	.0022	.0023	.00156	.00089
%RSD	.36730	.09916	.05571	.04724	.05008	.41736	.18502
#1	22.371	2.8127	4.6709	4.6240	4.6396	.37437	.47915
#2	22.488	2.8088	4.6746	4.6271	4.6429	.37216	.48041
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37683	.37149	1.2999	.36318	.43657	1.7929	.50270
SDev	.00180	.00324	.0004	.00386	.00027	.0010	.00371
%RSD	.47752	.87124	.03248	1.0641	.06097	.05566	.73729
#1	.37556	.37378	1.3002	.36045	.43638	1.7936	.50532
#2	.37810	.36920	1.2996	.36591	.43675	1.7922	.50008
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.09354	.37556
SDev	.00017	.00161
%RSD	.18281	.42728
#1	.09342	.37670
#2	.09366	.37443
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5608	--	--	--	--	--	--
SDev	13.04591	--	--	--	--	--	--
%RSD	.2326190	--	--	--	--	--	--
#1	5618	--	--	--	--	--	--
#2	5599	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856588/MS Operator: AH
Run Time: 10/03/08 17:11:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.562	.52277	.43804	.82135	.35266	302.21	.37608
SDev	.024	.00198	.00164	.00084	.00069	.35	.00062
%RSD	.05085	.37942	.37475	.10163	.19467	.11547	.16530
#1	46.545	.52136	.43920	.82194	.35315	302.46	.37652
#2	46.578	.52417	.43688	.82076	.35218	301.97	.37564
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39929	.50978	.98644	274.53	25.342	81.594	3.0803
SDev	.00026	.00091	.00144	.26	.069	.114	.0036
%RSD	.06618	.17870	.14609	.09313	.27418	.14008	.11727
#1	.39911	.51043	.98746	274.71	25.293	81.675	3.0828
#2	.39948	.50914	.98542	274.35	25.391	81.513	3.0777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.677	.53096	4.5171	4.4825	4.4940	.35581	.36562
SDev	.170	.00048	.0178	.0050	.0026	.00228	.00449
%RSD	.74964	.09104	.39383	.11062	.05823	.64088	1.2274
#1	22.557	.53062	4.5297	4.4790	4.4959	.35743	.36244
#2	22.797	.53130	4.5045	4.4860	4.4922	.35420	.36879
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35723	.35511	1.2155	.35803	.44323	1.7946	.56595
SDev	.00681	.00002	.0004	.00371	.00005	.0009	.00539
%RSD	1.9066	.00424	.03242	1.0357	.01228	.05271	.95178
#1	.36204	.35513	1.2158	.35541	.44326	1.7939	.56976
#2	.35241	.35510	1.2152	.36065	.44319	1.7953	.56214
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.09430	.35912
SDev	.00002	.00006
%RSD	.02022	.01801
#1	.09432	.35908
#2	.09429	.35917
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5636	--	--	--	--	--	--
SDev	5.515640	--	--	--	--	--	--
%RSD	.0978705	--	--	--	--	--	--
#1	5632	--	--	--	--	--	--
#2	5640	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856589/SD Operator: AH
Run Time: 10/03/08 17:25:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.945	.50914	.43624	.73855	.35832	679.13	.35924
SDev	.224	.00671	.00219	.01077	.00452	2.87	.00110
%RSD	.48755	1.3177	.50258	1.4587	1.2606	.42303	.30568
#1	46.103	.51389	.43779	.74617	.36152	681.17	.35846
#2	45.787	.50440	.43469	.73094	.35513	677.10	.36002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38599	.45952	.81769	195.94	28.282	272.51	3.2156
SDev	.00258	.00483	.00200	1.99	.757	3.03	.0194
%RSD	.66842	1.0516	.24512	1.0132	2.6780	1.1102	.60275
#1	.38781	.46294	.81911	197.34	28.818	274.64	3.2293
#2	.38416	.45611	.81628	194.53	27.747	270.37	3.2019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.733	.47397	3.0717	3.0619	3.0652	.36189	.38927
SDev	.111	.00528	.0265	.0295	.0285	.00136	.00249
%RSD	.48749	1.1131	.86182	.96325	.92940	.37616	.64077
#1	22.655	.47770	3.0904	3.0828	3.0853	.36286	.38751
#2	22.812	.47024	3.0530	3.0411	3.0450	.36093	.39103
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35819	.36375	1.2388	.35940	.44180	1.2244	.55917
SDev	.00316	.00046	.0037	.00338	.00220	.0180	.00339
%RSD	.88149	.12736	.30033	.94056	.49741	1.4663	.60691
#1	.36042	.36408	1.2414	.36179	.44335	1.2371	.56157
#2	.35596	.36342	1.2361	.35701	.44024	1.2118	.55677
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.09848	.36131
SDev	.00094	.00127
%RSD	.95099	.35229
#1	.09782	.36221
#2	.09914	.36041
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5343	--	--	--	--	--	--
SDev	6.045625	--	--	--	--	--	--
%RSD	.1131456	--	--	--	--	--	--
#1	5339	--	--	--	--	--	--
#2	5348	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856590 Operator: AH
Run Time: 10/03/08 17:30:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.190	.09596	.07987	.45288	.00189	114.27	.00741
SDev	.001	.00100	.00126	.00113	.00001	.45	.00010
%RSD	.00304	1.0439	1.5736	.25013	.39965	.39625	1.3505
#1	29.189	.09667	.07898	.45368	.00189	113.95	.00748
#2	29.190	.09526	.08075	.45208	.00190	114.59	.00734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02299	.05976	.55944	76.654	6.4265	38.711	1.4622
SDev	.00015	.00005	.00280	.242	.0499	.046	.0017
%RSD	.65341	.09057	.50125	.31539	.77686	.12006	.11785
#1	.02289	.05972	.56142	76.483	6.4618	38.744	1.4634
#2	.02310	.05979	.55746	76.825	6.3912	38.678	1.4609
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99345	.07802	1.5676	1.5448	1.5524	.01076	.00509
SDev	.00494	.00102	.0061	.0056	.0017	.00306	.00072
%RSD	.49749	1.3028	.38754	.35981	.10852	28.392	14.049
#1	.99694	.07730	1.5719	1.5409	1.5512	.01293	.00458
#2	.98995	.07874	1.5633	1.5488	1.5536	.00860	.00559
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01046	.01091	1.2502	.00426	.08544	1.1882	.06812
SDev	.00341	.00288	.0035	.00190	.00021	.0061	.00119
%RSD	32.603	26.373	.28277	44.596	.25009	.51544	1.7479
#1	.01288	.01295	1.2477	.00560	.08529	1.1839	.06728
#2	.00805	.00888	1.2527	.00292	.08559	1.1925	.06896
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00085	.00671
SDev	.00045	.00025
%RSD	53.329	3.7520
#1	.00053	.00653
#2	.00117	.00689
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5683	--	--	--	--	--	--
SDev	42.53275	--	--	--	--	--	--
%RSD	.7484437	--	--	--	--	--	--
#1	5653	--	--	--	--	--	--
#2	5713	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856591 Operator: AH
Run Time: 10/03/08 17:35:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	34.829	.06761	.08709	.71130	.00248	499.13	.00339
SDev	.695	.00037	.00087	.01451	.00017	9.66	.00006
%RSD	1.9957	.54482	.99524	2.0396	6.9064	1.9354	1.7991
#1	35.320	.06734	.08770	.72156	.00260	505.96	.00343
#2	34.337	.06787	.08647	.70104	.00236	492.30	.00334
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04236	.07999	.34165	112.45	10.349	242.46	2.5752
SDev	.00047	.00091	.00655	2.04	.226	4.51	.0500
%RSD	1.1082	1.1337	1.9168	1.8171	2.1793	1.8589	1.9400
#1	.04269	.08063	.34628	113.89	10.508	245.65	2.6105
#2	.04203	.07935	.33702	111.00	10.189	239.28	2.5399
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0930	.08614	.96031	.95204	.95480	.00435	.00341
SDev	.0207	.00148	.00923	.01425	.01258	.00156	.00012
%RSD	1.8925	1.7220	.96084	1.4971	1.3175	35.902	3.3820
#1	1.0784	.08719	.96684	.96212	.96369	.00545	.00332
#2	1.1076	.08509	.95379	.94196	.94590	.00325	.00349
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.00535	.79094	-.00297	.08689	1.5570	.03815
SDev	.00716	.00124	.01745	.00051	.00147	.0307	.00086
%RSD	305.24	23.139	2.2059	17.151	1.6898	1.9713	2.2617
#1	.00741	.00448	.80328	-.00333	.08792	1.5787	.03876
#2	-.00272	.00623	.77860	-.00261	.08585	1.5353	.03754
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00113	.01060
SDev	.00011	.00107
%RSD	9.4448	10.080
#1	.00105	.01135
#2	.00120	.00984
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5686	--	--	--	--	--	--
SDev	80.18584	--	--	--	--	--	--
%RSD	1.410295	--	--	--	--	--	--
#1	5629	--	--	--	--	--	--
#2	5742	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856592 Operator: AH
Run Time: 10/03/08 17:40:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	46.490	.07062	.07147	.60102	.00283	215.78	.00096
SDev	.025	.00165	.00012	.00009	.00002	.79	.00019
%RSD	.05417	2.3413	.17105	.01482	.84351	.36714	19.845
#1	46.507	.07179	.07138	.60096	.00285	216.34	.00110
#2	46.472	.06945	.07155	.60108	.00281	215.22	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04544	.07123	.12407	130.01	11.284	111.96	5.7391
SDev	.00043	.00065	.00035	.41	.018	.45	.0130
%RSD	.95167	.91316	.27866	.31664	.16143	.40217	.22659
#1	.04575	.07169	.12432	130.31	11.271	112.28	5.7482
#2	.04514	.07077	.12383	129.72	11.297	111.64	5.7299
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0046	.11130	1.6668	1.6505	1.6559	.00378	-.00029
SDev	.0898	.00019	.0093	.0041	.0058	.00063	.00048
%RSD	.99753	.17316	.55913	.24886	.35286	16.710	167.42
#1	9.0681	.11143	1.6734	1.6534	1.6601	.00333	-.00063
#2	8.9411	.11116	1.6603	1.6476	1.6518	.00423	.00005
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00218	.00676	.51033	-.00444	.08864	.88204	.02162
SDev	.00027	.00108	.00282	.00246	.00008	.00544	.00107
%RSD	12.221	15.987	.55229	55.424	.08716	.61678	4.9598
#1	-.00199	.00599	.51232	-.00618	.08870	.88589	.02087
#2	-.00236	.00752	.50833	-.00270	.08859	.87820	.02238
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00007	.00804
SDev	.00007	.00082
%RSD	101.07	10.239
#1	.00012	.00746
#2	.00002	.00863
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5989	--	--	--	--	--	--
SDev	9.757936	--	--	--	--	--	--
%RSD	.1629418	--	--	--	--	--	--
#1	5996	--	--	--	--	--	--
#2	5982	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856593 Operator: AH
Run Time: 10/03/08 17:45:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.311	.03884	.07080	.29687	.00222	616.77	.00030
SDev	.048	.00141	.00006	.00023	.00002	.87	.00007
%RSD	.13461	3.6199	.08704	.07873	1.0133	.14087	24.031
#1	35.345	.03785	.07084	.29703	.00223	617.38	.00035
#2	35.277	.03984	.07075	.29670	.00220	616.15	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03238	.05790	.10935	83.179	9.4722	121.71	2.8644
SDev	.00020	.00016	.00068	.120	.0409	.15	.0023
%RSD	.62553	.26965	.62407	.14383	.43174	.12114	.07936
#1	.03252	.05801	.10983	83.264	9.4433	121.81	2.8660
#2	.03224	.05779	.10887	83.095	9.5011	121.60	2.8628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6380	.08136	.35431	.34869	.35056	.00197	.00159
SDev	.0543	.00016	.00136	.00086	.00012	.00056	.00077
%RSD	.96304	.19334	.38233	.24544	.03416	28.697	48.649
#1	5.6764	.08147	.35527	.34809	.35048	.00157	.00214
#2	5.5996	.08125	.35335	.34930	.35065	.00237	.00104
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	.00213	.43645	-.00296	.08126	.39076	.02684
SDev	.00187	.00178	.00128	.00050	.00088	.00123	.00018
%RSD	114.08	83.663	.29453	16.850	1.0849	.31609	.67811
#1	.00296	.00087	.43554	-.00261	.08188	.39163	.02671
#2	.00032	.00339	.43736	-.00332	.08063	.38988	.02697
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00120	.00661
SDev	.00007	.00004
%RSD	5.5872	.58471
#1	.00125	.00659
#2	.00115	.00664
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5694	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0074519	--	--	--	--	--	--
#1	5694	--	--	--	--	--	--
#2	5695	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 05:58:32 PM page 1

Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 17:53:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.354	.46396	.46097	.46073	.45563	23.395	.47462
SDev	.049	.00129	.00006	.00059	.00016	.014	.00042
%RSD	.21164	.27903	.01258	.12860	.03522	.05897	.08878
#1	23.319	.46304	.46093	.46031	.45574	23.404	.47492
#2	23.389	.46488	.46101	.46115	.45551	23.385	.47432
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45987	.47713	.45133	23.418	23.696	23.090	.46511
SDev	.00038	.00102	.00128	.024	.109	.000	.00013
%RSD	.08286	.21269	.28418	.10093	.45861	.00069	.02686
#1	.46014	.47641	.45042	23.435	23.619	23.090	.46502
#2	.45960	.47784	.45224	23.402	23.772	23.090	.46520
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.734	.47374	.47235	.46881	.46999	.47611	.49578
SDev	.005	.00091	.00180	.00146	.00157	.00120	.00092
%RSD	.02083	.19162	.38036	.31086	.33412	.25263	.18509
#1	22.738	.47438	.47362	.46984	.47110	.47696	.49513
#2	22.731	.47310	.47108	.46778	.46888	.47526	.49643
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48031	.47402	.48486	.49491	.46169	.46398	.49792
SDev	.00486	.00424	.00023	.00123	.00097	.00059	.00084
%RSD	1.0126	.89363	.04711	.24881	.20905	.12738	.16896
#1	.47687	.47702	.48470	.49404	.46101	.46440	.49733
#2	.48375	.47102	.48502	.49578	.46238	.46356	.49852
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.46394	.46139
SDev	.00054	.00020
%RSD	.11604	.04265
#1	.46356	.46153
#2	.46432	.46125
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5544	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.0975637	--	--	--	--	--	--
#1	5541	--	--	--	--	--	--
#2	5548	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 06:03:35 PM page 1

Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 17:58:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06154	.00135	-.00045	-.00001	.00017	.00941	.00003
SDev	.00142	.00003	.00029	.00006	.00009	.00286	.00015
%RSD	2.3077	2.5241	63.444	572.03	53.547	30.391	491.70
#1	.06053	.00132	-.00025	.00003	.00011	.00738	.00014
#2	.06254	.00137	-.00065	-.00005	.00024	.01143	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00013	-.00109	.01028	.00380	.00176	.00015
SDev	.00004	.00012	.00054	.00084	.00902	.00646	.00009
%RSD	130.76	88.569	49.399	8.2074	237.18	366.12	60.810
#1	-.00000	.00022	-.00071	.00968	.01018	.00633	.00009
#2	-.00005	.00005	-.00147	.01087	-.00257	-.00280	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.10689	.00066	.00283	.00041	.00122	.00308	.00045
SDev	.04355	.00050	.00123	.00029	.00060	.00141	.00314
%RSD	40.741	74.670	43.523	70.660	49.598	45.646	690.71
#1	-.07610	.00101	.00196	.00020	.00079	.00408	-.00176
#2	-.13768	.00031	.00371	.00061	.00164	.00209	.00267
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00365	.00645	.00043	.00564	-.00001	.00065	.00185
SDev	.00121	.00150	.00011	.00026	.00065	.00026	.00098
%RSD	33.215	23.301	25.955	4.5707	5354.7	39.436	53.313
#1	-.00280	.00751	.00051	.00546	.00045	.00083	.00254
#2	-.00451	.00539	.00035	.00582	-.00047	.00047	.00115
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00053	.00098
SDev	.00048	.00214
%RSD	90.899	219.28
#1	.00086	.00249
#2	.00019	-.00054
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5443	--	--	--	--	--	--
SDev	64.48793	--	--	--	--	--	--
%RSD	1.184841	--	--	--	--	--	--
#1	5488	--	--	--	--	--	--
#2	5397	--	--	--	--	--	--

Analysis Report 10/03/08 06:08:37 PM page 1

Method: TRACE1 Sample Name: AD856594 Operator: AH
Run Time: 10/03/08 18:03:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	48.451	.03055	.04998	.37166	.00187	286.87	.00073
SDev	2.019	.00268	.00202	.01533	.00031	11.59	.00013
%RSD	4.1676	8.7824	4.0404	4.1259	16.700	4.0415	17.613
#1	47.023	.02866	.04855	.36082	.00165	278.67	.00064
#2	49.879	.03245	.05140	.38250	.00209	295.07	.00083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03331	.12991	.16461	83.824	8.5479	78.778	3.0563
SDev	.00086	.00450	.00640	3.338	.2961	3.058	.1190
%RSD	2.5687	3.4622	3.8857	3.9826	3.4638	3.8816	3.8948
#1	.03270	.12673	.16009	81.463	8.3386	76.616	2.9721
#2	.03391	.13309	.16913	86.185	8.7573	80.940	3.1404
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.4074	.08341	.98331	.96292	.96971	.00299	-.00129
SDev	.0290	.00384	.01514	.03078	.02557	.00362	.00036
%RSD	.85063	4.6018	1.5400	3.1961	2.6369	121.05	28.298
#1	3.4279	.08070	.97260	.94116	.95163	.00556	-.00155
#2	3.3869	.08613	.99401	.98468	.98779	.00043	-.00103
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00424	1.1429	-.00303	.09238	.42944	.04220
SDev	.00775	.00156	.0437	.00209	.00381	.01711	.00203
%RSD	1555.8	36.753	3.8223	69.132	4.1232	3.9844	4.8161
#1	.00598	.00534	1.1120	-.00155	.08969	.41734	.04364
#2	-.00498	.00314	1.1737	-.00451	.09508	.44153	.04077
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00128	.00326
SDev	.00066	.00131
%RSD	51.999	40.096
#1	.00175	.00419
#2	.00081	.00234
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6051	--	--	--	--	--	--
SDev	196.0101	--	--	--	--	--	--
%RSD	3.239141	--	--	--	--	--	--
#1	6190	--	--	--	--	--	--
#2	5913	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856595 Operator: AH
Run Time: 10/03/08 18:08:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	42.614	.15078	.08889	.32596	.00244	67.352	-.00019
SDev	.233	.00342	.00145	.00143	.00006	.525	.00001
%RSD	.54715	2.2708	1.6344	.43847	2.4666	.77944	4.3226
#1	42.449	.14836	.08786	.32495	.00240	66.981	-.00019
#2	42.779	.15320	.08992	.32697	.00249	67.724	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05092	.05248	.07367	113.07	11.442	42.968	1.7113
SDev	.00050	.00102	.00044	.84	.064	.341	.0130
%RSD	.98402	1.9469	.59468	.74113	.56128	.79343	.76184
#1	.05057	.05176	.07336	112.48	11.397	42.727	1.7021
#2	.05128	.05321	.07398	113.66	11.487	43.209	1.7205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3360	.10179	.12679	.12026	.12243	.00494	.00222
SDev	.0270	.00034	.00038	.00119	.00092	.00165	.00015
%RSD	.50678	.33336	.29635	.98739	.74909	33.296	6.7318
#1	5.3169	.10155	.12705	.12110	.12308	.00378	.00212
#2	5.3551	.10203	.12652	.11942	.12179	.00611	.00233
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	.00573	.39305	-.00111	.07266	.51172	.02950
SDev	.00249	.00122	.00090	.00271	.00009	.00586	.00035
%RSD	73.623	21.392	.22834	243.10	.12873	1.1447	1.1877
#1	.00162	.00486	.39368	.00080	.07259	.50758	.02925
#2	.00514	.00659	.39241	-.00303	.07273	.51586	.02975
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00026	.00559
SDev	.00030	.00082
%RSD	114.87	14.753
#1	.00005	.00501
#2	.00047	.00618
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6080	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0087225	--	--	--	--	--	--
#1	6080	--	--	--	--	--	--
#2	6080	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855948/PB Operator: AH
Run Time: 10/03/08 18:16:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04843	.00069	.00311	.00006	-.00001	.05943	.00001
SDev	.00183	.00007	.00007	.00005	.00004	.00013	.00013
%RSD	3.7836	9.9408	2.4204	74.032	324.49	.21428	878.08
#1	.04972	.00074	.00306	.00010	.00002	.05952	.00010
#2	.04713	.00064	.00316	.00003	-.00004	.05934	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00010	-.00117	.01350	.00649	-.00671	.00019
SDev	.00030	.00047	.00041	.00234	.02155	.00078	.00003
%RSD	173.71	463.64	35.479	17.308	332.12	11.575	15.231
#1	.00004	.00043	-.00087	.01515	.02172	-.00726	.00017
#2	-.00038	-.00023	-.00146	.01185	-.00875	-.00617	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.14059	.00082	-.00026	.00035	.00014	.00127	-.00021
SDev	.02071	.00019	.00305	.00020	.00088	.00529	.00087
%RSD	14.732	22.830	1156.6	56.499	614.01	417.03	407.46
#1	-.15524	.00096	-.00242	.00049	-.00048	.00501	-.00083
#2	-.12594	.00069	.00189	.00021	.00077	-.00247	.00040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	.00033	.00042	-.00178	.00008	.00343	.00081
SDev	.00161	.00713	.00031	.00184	.00026	.00042	.00095
%RSD	51.161	2173.9	74.364	103.03	336.33	12.180	116.63
#1	.00429	.00537	.00064	-.00048	.00026	.00373	.00014
#2	.00201	-.00471	.00020	-.00308	-.00011	.00314	.00148
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00045	-.00032
SDev	.00032	.00038
%RSD	71.446	118.98
#1	.00068	-.00059
#2	.00022	-.00005
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5544	--	--	--	--	--	--
SDev	6.575955	--	--	--	--	--	--
%RSD	.1186235	--	--	--	--	--	--
#1	5539	--	--	--	--	--	--
#2	5548	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855947/FB Operator: AH
Run Time: 10/03/08 18:21:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9343	.20491	.19819	.19802	.19348	10.012	.20453
SDev	.0184	.00257	.00119	.00028	.00036	.012	.00009
%RSD	.18553	1.2526	.60006	.14302	.18628	.12089	.04225
#1	9.9213	.20673	.19735	.19782	.19323	10.003	.20447
#2	9.9473	.20310	.19903	.19822	.19374	10.021	.20459
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19869	.20000	.19080	10.132	10.143	9.8392	.19713
SDev	.00102	.00060	.00077	.016	.060	.0130	.00048
%RSD	.51076	.29796	.40536	.15661	.58968	.13193	.24165
#1	.19797	.19958	.19026	10.121	10.100	9.8300	.19679
#2	.19940	.20042	.19135	10.144	10.185	9.8484	.19746
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.7437	.20230	.20250	.20233	.20239	.20378	.20577
SDev	.0853	.00033	.00087	.00033	.00007	.00337	.00233
%RSD	.87498	.16475	.42870	.16185	.03492	1.6549	1.1311
#1	9.6834	.20206	.20312	.20209	.20244	.20139	.20412
#2	9.8040	.20253	.20189	.20256	.20234	.20616	.20741
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20351	.20392	.19724	.20606	.19732	.19722	.21478
SDev	.00009	.00510	.00100	.00341	.00119	.00030	.00036
%RSD	.04327	2.5023	.50871	1.6541	.60211	.15016	.16682
#1	.20357	.20031	.19653	.20365	.19648	.19701	.21453
#2	.20345	.20753	.19795	.20847	.19816	.19743	.21503
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.04993	.19635
SDev	.00016	.00235
%RSD	.31624	1.1987
#1	.04982	.19469
#2	.05004	.19802
Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5553	--	--	--	--	--	--
SDev	4.454635	--	--	--	--	--	--
%RSD	.0802160	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5550	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855765 Operator: AH
Run Time: 10/03/08 18:26:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10378	-.00122	.16460	.17515	.00016	129.70	-.00001
SDev	.00981	.00153	.00115	.00009	.00001	.00	.00007
%RSD	9.4493	126.09	.69762	.05343	4.1151	.00351	981.44
#1	.11071	-.00230	.16379	.17508	.00017	129.70	.00004
#2	.09684	-.00013	.16541	.17522	.00016	129.69	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00126	-.00038	.00340	7.0863	47.698	.00376
SDev	.00040	.00016	.00014	.00078	.0191	.017	.00002
%RSD	84.911	12.943	37.771	22.873	.26930	.03622	.55092
#1	.00019	.00114	-.00048	.00285	7.0728	47.686	.00377
#2	.00075	.00137	-.00027	.00395	7.0998	47.710	.00374
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.5456	.00279	-.00077	.00130	.00061	.00262	.00065
SDev	.0089	.00073	.00121	.00180	.00080	.00037	.00106
%RSD	.11820	26.276	158.18	138.19	129.84	14.025	163.84
#1	7.5393	.00330	.00009	.00003	.00005	.00288	-.00010
#2	7.5519	.00227	-.00163	.00257	.00118	.00236	.00140
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.00295	.00069	.00215	.00036	.00793	.00170
SDev	.00219	.00054	.00023	.00143	.00013	.00026	.00154
%RSD	112.36	18.419	33.046	66.591	36.619	3.2627	90.442
#1	.00349	.00257	.00053	.00316	.00027	.00811	.00279
#2	.00040	.00334	.00085	.00114	.00045	.00775	.00061
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00091	.00245
SDev	.00015	.00044
%RSD	16.363	17.730
#1	.00081	.00214
#2	.00102	.00276
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5470	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.2152519	--	--	--	--	--	--
#1	5478	--	--	--	--	--	--
#2	5461	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855766 Operator: AH
Run Time: 10/03/08 18:31:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07919	.00552	.60854	.07027	.00009	67.148	-.00006
SDev	.00017	.00139	.00255	.00000	.00004	.228	.00009
%RSD	.22048	25.268	.41899	.00064	38.974	.33985	148.92
#1	.07907	.00650	.60674	.07027	.00007	66.987	.00000
#2	.07932	.00453	.61034	.07027	.00012	67.309	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00079	-.00128	.00772	11.533	178.74	.03693
SDev	.00011	.00037	.00002	.00155	.008	.62	.00007
%RSD	31.676	46.765	1.8107	20.123	.06989	.34467	.17787
#1	.00026	.00053	-.00127	.00881	11.528	178.30	.03688
#2	.00042	.00105	-.00130	.00662	11.539	179.17	.03697
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	71.283	.00296	-.00027	.00014	.00000	.00248	.00142
SDev	.017	.00011	.00191	.00037	.00039	.00019	.00192
%RSD	.02389	3.5360	702.83	256.10	7849.6	7.6723	135.47
#1	71.295	.00289	.00108	-.00012	.00028	.00235	.00278
#2	71.271	.00303	-.00162	.00040	-.00027	.00262	.00006
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.00224	.00047	.00049	.00026	.00892	.00139
SDev	.00349	.00203	.00015	.00110	.00000	.00043	.00019
%RSD	117.49	90.672	31.406	226.24	.08792	4.8500	13.902
#1	.00544	.00080	.00036	-.00029	.00026	.00862	.00153
#2	.00050	.00368	.00057	.00127	.00026	.00923	.00125
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00050	.00218
SDev	.00018	.00127
%RSD	36.152	58.374
#1	.00038	.00308
#2	.00063	.00128
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5517	--	--	--	--	--	--
SDev	9.757936	--	--	--	--	--	--
%RSD	.1768559	--	--	--	--	--	--
#1	5524	--	--	--	--	--	--
#2	5511	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855767 Operator: AH
Run Time: 10/03/08 18:36:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13786	.00260	.59419	.06873	-.00008	65.556	.00002
SDev	.00005	.00197	.00017	.00009	.00002	.018	.00006
%RSD	.03309	75.792	.02844	.12865	22.521	.02670	356.98
#1	.13783	.00121	.59407	.06866	-.00006	65.543	-.00003
#2	.13789	.00400	.59431	.06879	-.00009	65.568	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00086	-.00162	.01037	11.337	173.78	.03671
SDev	.00015	.00014	.00059	.00847	.040	.07	.00010
%RSD	313.20	16.122	36.582	81.706	.35227	.04259	.26375
#1	.00015	.00096	-.00120	.01636	11.309	173.72	.03677
#2	-.00006	.00076	-.00204	.00438	11.366	173.83	.03664
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.518	.00210	-.00120	.00139	.00053	.00114	-.00176
SDev	.329	.00032	.00020	.00031	.00027	.00080	.00415
%RSD	.46617	15.499	16.689	22.111	51.658	70.018	235.89
#1	70.286	.00187	-.00106	.00161	.00072	.00170	.00117
#2	70.751	.00233	-.00135	.00117	.00033	.00057	-.00469
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00153	.00058	-.00200	.00017	.00513	.00208
SDev	.00024	.00131	.00003	.00335	.00013	.00041	.00075
%RSD	68.824	86.012	5.0098	167.71	77.157	7.9372	35.964
#1	.00018	.00246	.00060	.00037	.00026	.00484	.00155
#2	.00052	.00060	.00056	-.00437	.00008	.00541	.00261
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00073	.00227
SDev	.00002	.00050
%RSD	2.1984	22.235
#1	.00075	.00263
#2	.00072	.00191
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5591	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0284584	--	--	--	--	--	--
#1	5589	--	--	--	--	--	--
#2	5592	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855768 Operator: AH
Run Time: 10/03/08 18:41:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15934	.00219	.71525	.19299	.00021	173.79	-.00001
SDev	.00367	.00113	.00276	.00023	.00005	.78	.00010
%RSD	2.3051	51.780	.38613	.11866	25.676	.44664	810.95
#1	.15674	.00299	.71329	.19283	.00017	173.24	-.00009
#2	.16194	.00139	.71720	.19315	.00025	174.34	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00029	-.00142	.21424	13.791	46.659	1.3118
SDev	.00010	.00021	.00031	.00832	.026	.233	.0048
%RSD	341.08	73.926	21.534	3.8846	.18705	.49880	.36830
#1	.00004	.00014	-.00163	.20836	13.773	46.494	1.3084
#2	-.00010	.00044	-.00120	.22013	13.809	46.823	1.3153
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.246	.00222	-.00010	.00093	.00059	-.00004	.00230
SDev	.137	.00099	.00357	.00111	.00193	.00264	.00290
%RSD	.14878	44.510	3543.6	118.23	326.31	7501.4	125.89
#1	92.149	.00152	-.00262	.00015	-.00077	.00183	.00025
#2	92.343	.00292	.00242	.00172	.00195	-.00190	.00435
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00182	.00086	.00074	.00065	.00045	.00554	.00293
SDev	.00120	.00336	.00013	.00000	.00000	.00100	.00290
%RSD	65.825	392.67	17.460	.34404	.13953	18.001	99.216
#1	-.00097	.00324	.00065	.00065	.00045	.00483	.00087
#2	-.00267	-.00152	.00083	.00065	.00045	.00625	.00498
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00037	-.00032
SDev	.00033	.00048
%RSD	89.542	149.84
#1	.00013	.00002
#2	.00060	-.00065
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5415	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1762870	--	--	--	--	--	--
#1	5422	--	--	--	--	--	--
#2	5408	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855769 Operator: AH
Run Time: 10/03/08 18:46:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20796	.00097	.02035	.00015	-.00012	.28918	-.00001
SDev	.00892	.00017	.00009	.00011	.00007	.00142	.00005
%RSD	4.2898	18.044	.43854	74.116	56.902	.49104	466.66
#1	.21427	.00109	.02041	.00022	-.00007	.29018	.00002
#2	.20165	.00084	.02029	.00007	-.00018	.28817	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00043	-.00168	.01554	.02094	.00342	.00040
SDev	.00035	.00019	.00018	.00533	.00621	.00301	.00011
%RSD	414.38	44.164	10.671	34.318	29.661	88.073	27.836
#1	.00016	.00057	-.00155	.01177	.02533	.00555	.00032
#2	-.00033	.00030	-.00181	.01930	.01655	.00129	.00048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.12214	.00061	.00013	.00040	.00031	.00130	.00124
SDev	.01245	.00028	.00105	.00025	.00052	.00214	.00304
%RSD	10.190	46.555	779.53	62.989	166.58	164.97	245.76
#1	-.13094	.00081	-.00061	.00022	-.00006	-.00022	.00338
#2	-.11334	.00041	.00087	.00057	.00067	.00281	-.00091
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	.00135	.00061	-.00118	.00025	.00260	.00178
SDev	.00484	.00079	.00012	.00084	.00051	.00093	.00001
%RSD	404.31	58.628	18.863	71.119	202.56	36.002	.36100
#1	-.00223	.00079	.00053	-.00178	.00061	.00193	.00177
#2	.00462	.00191	.00069	-.00059	-.00011	.00326	.00178
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.00015
SDev	.00015	.00021
%RSD	218.16	136.72
#1	.00004	.00030
#2	-.00018	.00001
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5626	--	--	--	--	--	--
SDev	19.30388	--	--	--	--	--	--
%RSD	.3431068	--	--	--	--	--	--
#1	5613	--	--	--	--	--	--
#2	5640	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855770 Operator: AH
Run Time: 10/03/08 18:51:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26837	.00119	.32567	.16669	.00009	117.27	-.00004
SDev	.00037	.00137	.00195	.00007	.00002	.28	.00003
%RSD	.13639	115.23	.60000	.04480	20.248	.23965	82.022
#1	.26811	.00215	.32428	.16674	.00007	117.08	-.00006
#2	.26863	.00022	.32705	.16664	.00010	117.47	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.00050	-.00144	.03988	8.8048	41.454	.26474
SDev	.00015	.00002	.00007	.00069	.0191	.075	.00016
%RSD	13.694	4.0465	4.8206	1.7429	.21674	.18123	.06175
#1	.00099	.00051	-.00139	.03938	8.7913	41.401	.26463
#2	.00120	.00049	-.00149	.04037	8.8183	41.507	.26486
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.727	.00713	.00377	.00427	.00411	.00000	.00252
SDev	.099	.00018	.00080	.00134	.00063	.00225	.00570
%RSD	.72155	2.5071	21.093	31.299	15.278	75458.	225.74
#1	13.657	.00700	.00433	.00333	.00366	-.00159	-.00151
#2	13.797	.00726	.00321	.00522	.00455	.00159	.00655
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00468	-.00234	.00088	-.00113	.00017	.00524	.00101
SDev	.00579	.00048	.00001	.00110	.00013	.00012	.00172
%RSD	123.57	20.484	1.1724	97.336	75.852	2.2957	170.49
#1	.00059	-.00268	.00089	-.00035	.00027	.00516	-.00021
#2	.00878	-.00200	.00087	-.00191	.00008	.00533	.00223
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00019	.00211
SDev	.00004	.00018
%RSD	20.679	8.4264
#1	.00021	.00223
#2	.00016	.00198
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5493	--	--	--	--	--	--
SDev	15.37957	--	--	--	--	--	--
%RSD	.2799964	--	--	--	--	--	--
#1	5482	--	--	--	--	--	--
#2	5504	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 07:04:58 PM page 1

Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 18:59:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.493	.46165	.45804	.46384	.45849	23.447	.47130
SDev	.006	.00443	.00106	.00010	.00128	.071	.00192
%RSD	.02763	.95967	.23084	.02072	.27911	.30122	.40626
#1	23.488	.45852	.45879	.46391	.45758	23.397	.46994
#2	23.497	.46478	.45729	.46378	.45939	23.497	.47265
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46087	.48151	.45339	23.524	23.470	23.227	.46682
SDev	.00088	.00031	.00026	.072	.053	.072	.00115
%RSD	.19186	.06463	.05843	.30445	.22449	.31197	.24664
#1	.46025	.48129	.45320	23.473	23.507	23.176	.46600
#2	.46150	.48173	.45357	23.574	23.433	23.278	.46763
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.985	.47586	.47828	.47082	.47330	.47587	.49050
SDev	.179	.00285	.00211	.00050	.00037	.00102	.00153
%RSD	.77686	.59823	.44039	.10570	.07806	.21466	.31137
#1	23.111	.47385	.47679	.47117	.47304	.47515	.48942
#2	22.859	.47788	.47977	.47047	.47356	.47659	.49158
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48372	.47196	.48641	.49363	.46384	.46537	.49374
SDev	.01359	.00526	.00117	.00530	.00090	.00224	.00683
%RSD	2.8094	1.1150	.24002	1.0733	.19500	.48036	1.3824
#1	.47411	.47568	.48558	.48988	.46320	.46379	.48891
#2	.49333	.46824	.48723	.49737	.46448	.46695	.49856
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.46597	.46056
SDev	.00013	.00379
%RSD	.02874	.82235
#1	.46587	.45789
#2	.46606	.46324
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5502	--	--	--	--	--	--
SDev	4.666628	--	--	--	--	--	--
%RSD	.0848100	--	--	--	--	--	--
#1	5499	--	--	--	--	--	--
#2	5506	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 07:10:02 PM page 1

Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 19:05:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02199	-.00065	-.00076	.00006	.00004	-.00644	.00019
SDev	.00527	.00020	.00136	.00002	.00003	.00107	.00006
%RSD	23.970	31.225	179.61	25.351	78.117	16.632	34.626
#1	.02571	-.00079	.00020	.00007	.00007	-.00568	.00014
#2	.01826	-.00051	-.00172	.00005	.00002	-.00720	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00033	-.00136	.00799	.02136	-.00900	.00006
SDev	.00011	.00007	.00027	.00077	.00120	.00054	.00003
%RSD	53.565	20.954	20.095	9.6697	5.6440	5.9572	47.369
#1	.00027	.00038	-.00117	.00853	.02221	-.00862	.00004
#2	.00012	.00028	-.00155	.00744	.02050	-.00938	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06787	.00090	-.00116	.00174	.00077	.00150	.00138
SDev	.15086	.00034	.00020	.00087	.00051	.00211	.00275
%RSD	222.29	37.919	17.394	49.987	66.309	141.13	199.09
#1	.03881	.00114	-.00130	.00235	.00113	.00000	-.00056
#2	-.17455	.00066	-.00102	.00112	.00041	.00299	.00332
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00196	.00051	.00477	.00034	.00050	.00164
SDev	.00145	.00390	.00011	.00060	.00038	.00014	.00056
%RSD	252.40	199.09	20.773	12.515	111.22	27.100	34.402
#1	.00161	-.00080	.00058	.00519	.00007	.00040	.00124
#2	-.00045	.00471	.00044	.00435	.00062	.00060	.00203
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00040	.00107
SDev	.00015	.00092
%RSD	38.009	85.848
#1	.00051	.00042
#2	.00029	.00172
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5598	--	--	--	--	--	--
SDev	1.484648	--	--	--	--	--	--
%RSD	.0265189	--	--	--	--	--	--
#1	5597	--	--	--	--	--	--
#2	5600	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD855771 Operator: AH
Run Time: 10/03/08 19:10:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05933	.00432	.24480	.06969	.00002	32.027	.00000
SDev	.00236	.00002	.00197	.00010	.00001	.028	.00002
%RSD	3.9858	.47383	.80284	.14877	28.118	.08649	755.43
#1	.05766	.00431	.24341	.06977	.00002	32.007	.00002
#2	.06100	.00434	.24619	.06962	.00003	32.046	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00060	.00065	.00335	25.257	17.050	.11431
SDev	.00022	.00021	.00004	.00314	.023	.005	.00017
%RSD	64.721	34.803	6.0036	93.882	.09046	.02843	.14501
#1	.00049	.00045	.00062	.00557	25.273	17.053	.11419
#2	.00018	.00075	.00067	.00113	25.241	17.046	.11442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	276.29	.00440	.00325	.00530	.00462	.00255	.00168
SDev	.51	.00022	.00142	.00063	.00089	.00037	.00324
%RSD	.18294	4.9877	43.879	11.832	19.337	14.509	193.31
#1	276.64	.00424	.00224	.00486	.00398	.00281	-.00062
#2	275.93	.00455	.00425	.00574	.00525	.00229	.00397
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	.00318	.00056	.00043	.00046	.00351	.00293
SDev	.00152	.00131	.00013	.00080	.00026	.00016	.00134
%RSD	117.48	41.317	22.787	186.44	57.008	4.5657	45.855
#1	.00022	.00411	.00065	-.00014	.00027	.00362	.00388
#2	.00236	.00225	.00047	.00099	.00064	.00339	.00198
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00022	.00365
SDev	.00008	.00102
%RSD	38.434	27.812
#1	.00028	.00293
#2	.00016	.00437
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5458	--	--	--	--	--	--
SDev	22.91019	--	--	--	--	--	--
%RSD	.4197274	--	--	--	--	--	--
#1	5442	--	--	--	--	--	--
#2	5475	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856893/PB Operator: AH
Run Time: 10/03/08 19:18:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05552	.00096	.00581	.00003	-.00011	.00529	.00003
SDev	.00053	.00120	.00007	.00009	.00002	.00032	.00006
%RSD	.95115	124.83	1.2827	321.45	13.262	6.0349	239.56
#1	.05589	.00181	.00575	.00009	-.00013	.00551	-.00002
#2	.05514	.00011	.00586	-.00004	-.00010	.00506	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00032	-.00123	.00743	.02590	-.00952	-.00008
SDev	.00040	.00026	.00050	.00616	.00215	.00072	.00006
%RSD	110.35	80.949	40.755	82.858	8.3051	7.5853	71.469
#1	.00065	.00050	-.00158	.01179	.02438	-.00901	-.00012
#2	.00008	.00014	-.00088	.00308	.02742	-.01003	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.09741	.00114	-.00197	.00226	.00085	.00183	-.00248
SDev	.01610	.00042	.00150	.00094	.00113	.00092	.00281
%RSD	16.530	36.641	76.131	41.582	132.60	50.252	113.40
#1	-.10880	.00143	-.00091	.00292	.00165	.00118	-.00049
#2	-.08603	.00084	-.00304	.00159	.00005	.00248	-.00447
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00267	.00038	-.00056	.00025	.00128	.00110
SDev	.00001	.00137	.00029	.00307	.00051	.00015	.00130
%RSD	4.3756	51.526	76.848	551.49	201.58	11.495	118.12
#1	.00014	.00169	.00058	-.00273	.00061	.00117	.00018
#2	.00015	.00364	.00017	.00162	-.00011	.00138	.00202
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00045	-.00139
SDev	.00016	.00021
%RSD	34.617	15.454
#1	.00056	-.00124
#2	.00034	-.00154
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5587	--	--	--	--	--	--
SDev	22.27386	--	--	--	--	--	--
%RSD	.3987016	--	--	--	--	--	--
#1	5602	--	--	--	--	--	--
#2	5571	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856892/LCS Operator: AH
Run Time: 10/03/08 19:23:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08043	.95684	.11108	H1.2520	.88900	.35770	.97355
SDev	.00140	.00353	.00046	.0005	.00095	.00129	.00046
%RSD	1.7426	.36860	.41180	.04050	.10686	.36097	.04769
#1	.07944	.95933	.11140	H1.2524	.88967	.35862	.97387
#2	.08142	.95434	.11075	H1.2517	.88833	.35679	.97322
Errors	NOCHECK	LC Pass	NOCHECK	LC High	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89073	.93069	.94327	.08807	.91433	.05396	.93157
SDev	.00045	.00018	.00024	.00249	.00544	.00155	.00019
%RSD	.05069	.01967	.02596	2.8296	.59478	2.8741	.02017
#1	.89041	.93082	.94344	.08983	.91049	.05286	.93170
#2	.89105	.93056	.94309	.08631	.91818	.05506	.93144
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1101.2	.94449	.89219	.88921	.89020	.98711	.87155
SDev	.9	.00169	.00407	.00242	.00297	.00284	.00274
%RSD	.08161	.17847	.45569	.27177	.33315	.28822	.31386
#1	1100.5	.94569	.89506	.89092	.89230	.98912	.86962
#2	1101.8	.94330	.88931	.88750	.88810	.98510	.87349
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99667	.98235	.00065	.99740	.93961	1.1172	.00308
SDev	.00480	.00187	.00002	.00156	.00011	.0002	.00097
%RSD	.48124	.19030	3.1035	.15678	.01112	.01503	31.595
#1	1.0001	.98367	.00064	.99630	.93954	1.1173	.00377
#2	.99327	.98103	.00067	.99851	.93968	1.1171	.00239
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.88873	.91094
SDev	.00036	.00392
%RSD	.04089	.43091
#1	.88899	.90816
#2	.88847	.91371
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5418	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.1155112	--	--	--	--	--	--
#1	5413	--	--	--	--	--	--
#2	5422	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856891/EBLK Operator: AH
Run Time: 10/03/08 19:28:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07323	-.00042	H.10544	H.33533	-.00005	.34747	-.00004
SDev	.00280	.00205	.00023	.00029	.00004	.00048	.00001
%RSD	3.8228	485.77	.22207	.08593	65.801	.13853	16.066
#1	.07521	.00103	H.10560	H.33554	-.00003	.34781	-.00004
#2	.07125	-.00187	H.10527	H.33513	-.00008	.34713	-.00005
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00103	.00227	.02149	H.92753	.05353	.00214
SDev	.00004	.00007	.00030	.00396	.00142	.00105	.00012
%RSD	31.421	7.0016	13.391	18.424	.15337	1.9645	5.5824
#1	.00016	.00108	.00205	.01869	H.92854	.05278	.00222
#2	.00010	.00098	.00248	.02429	H.92652	.05427	.00205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1108.9	.00163	.00177	.00130	.00145	.00368	.00087
SDev	.6	.00005	.00005	.00009	.00004	.00068	.00188
%RSD	.05261	3.1925	2.7645	6.6054	2.8115	18.401	214.44
#1	H1108.4	.00167	.00180	.00124	.00143	.00320	-.00045
#2	H1109.3	.00159	.00173	.00136	.00148	.00416	.00220
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00660	.00222	.00065	.00206	.00009	H.16761	.00343
SDev	.00260	.00232	.00000	.00352	.00026	.00117	.00289
%RSD	39.469	104.47	.00456	171.22	310.35	.70031	84.233
#1	.00844	.00058	.00065	.00455	.00027	H.16678	.00139
#2	.00476	.00386	.00065	-.00043	-.00010	H.16844	.00548
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00008	.00111
SDev	.00034	.00086
%RSD	421.73	77.597
#1	-.00016	.00173
#2	.00032	.00050
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5431	--	--	--	--	--	--
SDev	2.863644	--	--	--	--	--	--
%RSD	.0527309	--	--	--	--	--	--
#1	5429	--	--	--	--	--	--
#2	5433	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856884 Operator: AH
Run Time: 10/03/08 19:33:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0003	.00508	5.4240	.50879	.00024	40.304	.00306
SDev	.0048	.00107	.0207	.00158	.00004	.040	.00011
%RSD	.47522	21.124	.38106	.30969	15.713	.10011	3.6406
#1	.99696	.00583	5.4093	.50768	.00022	40.276	.00314
#2	1.0037	.00432	5.4386	.50991	.00027	40.333	.00298
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00744	.03330	.08580	1.3408	13.227	34.742	.76077
SDev	.00008	.00051	.00005	.0014	.064	.028	.00165
%RSD	1.1074	1.5218	.05879	.10220	.48536	.08177	.21644
#1	.00738	.03365	.08583	1.3418	13.182	34.722	.75961
#2	.00750	.03294	.08576	1.3399	13.273	34.763	.76193
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1150.5	.03942	.08490	.08255	.08333	.00530	.02467
SDev	3.4	.00004	.00394	.00141	.00037	.00400	.00279
%RSD	.29715	.09646	4.6372	1.7056	.44628	75.524	11.297
#1	H1148.1	.03945	.08768	.08155	.08359	.00247	.02664
#2	H1152.9	.03940	.08211	.08354	.08307	.00812	.02270
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00629	.00480	.00080	.00115	.00120	4.9454	.00700
SDev	.00313	.00756	.00012	.00246	.00027	.0093	.00057
%RSD	49.768	157.52	15.119	213.86	22.708	.18889	8.2236
#1	.00850	-.00055	.00089	.00289	.00101	4.9388	.00740
#2	.00407	.01015	.00072	-.00059	.00140	4.9520	.00659
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00013	.00237
SDev	.00022	.00096
%RSD	172.07	40.443
#1	.00028	.00305
#2	-.00003	.00169
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5319	--	--	--	--	--	--
SDev	20.36454	--	--	--	--	--	--
%RSD	.3828424	--	--	--	--	--	--
#1	5334	--	--	--	--	--	--
#2	5305	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856884/L (1:5) Operator: AH
Run Time: 10/03/08 19:38:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20471	.00106	1.0279	.09900	-.00018	7.8468	.00058
SDev	.00256	.00030	.0018	.00008	.00002	.0140	.00014
%RSD	1.2484	27.873	.17336	.08272	12.576	.17825	23.957
#1	.20651	.00085	1.0292	.09894	-.00016	7.8567	.00048
#2	.20290	.00127	1.0266	.09905	-.00019	7.8369	.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.00658	.01574	.25729	1.9840	6.7415	.14747
SDev	.00016	.00020	.00033	.00951	.0041	.0094	.00018
%RSD	12.315	3.0936	2.1064	3.6961	.20790	.13877	.11953
#1	.00144	.00673	.01550	.25056	1.9869	6.7482	.14760
#2	.00121	.00644	.01597	.26401	1.9810	6.7349	.14735
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	295.60	.00893	.01636	.01681	.01666	.00007	.00071
SDev	.30	.00042	.00111	.00060	.00077	.00253	.00043
%RSD	.10268	4.7347	6.7802	3.5416	4.6005	3439.1	61.234
#1	295.39	.00923	.01714	.01723	.01720	-.00172	.00101
#2	295.81	.00863	.01557	.01639	.01612	.00187	.00040
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00137	.00079	.00019	.00008	.00043	.95793	.00300
SDev	.00158	.00301	.00010	.00150	.00000	.00162	.00187
%RSD	115.32	379.30	50.645	2001.9	.46890	.16891	62.455
#1	-.00248	-.00134	.00026	-.00099	.00043	.95908	.00433
#2	-.00025	.00293	.00012	.00114	.00043	.95679	.00168
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00034	-.00037
SDev	.00039	.00046
%RSD	114.36	124.97
#1	.00006	-.00004
#2	.00061	-.00069
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5597	--	--	--	--	--	--
SDev	11.03059	--	--	--	--	--	--
%RSD	.1970822	--	--	--	--	--	--
#1	5589	--	--	--	--	--	--
#2	5605	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856884/PS Operator: AH
Run Time: 10/03/08 19:43:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98235	1.0346	5.3417	1.4621	.95411	39.632	.99177
SDev	.00477	.0053	.0182	.0082	.00371	.183	.00509
%RSD	.48599	.51446	.34065	.55874	.38865	.46099	.51356
#1	.98573	1.0383	5.3546	1.4679	.95673	39.761	.99537
#2	.97897	1.0308	5.3288	1.4564	.95149	39.503	.98817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.93775	1.0115	1.0334	1.3915	13.064	34.110	1.7170
SDev	.00506	.0057	.0052	.0029	.106	.167	.0079
%RSD	.53926	.55888	.49859	.20491	.81458	.48899	.45952
#1	.94132	1.0155	1.0370	1.3935	13.139	34.228	1.7226
#2	.93417	1.0075	1.0298	1.3895	12.989	33.992	1.7114
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1140.9	1.0139	1.0586	1.0562	1.0570	1.0373	1.0513
SDev	3.3	.0058	.0020	.0025	.0023	.0065	.0000
%RSD	.28663	.56930	.18812	.23439	.21896	.62793	.00318
#1	H1143.2	1.0180	1.0600	1.0580	1.0586	1.0419	1.0514
#2	H1138.6	1.0098	1.0572	1.0545	1.0554	1.0327	1.0513
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0477	1.0321	.00099	1.0509	.98907	5.8097	.00741
SDev	.0062	.0067	.00029	.0042	.00522	.0268	.00140
%RSD	.59168	.64632	29.589	.40427	.52776	.46094	18.855
#1	1.0521	1.0368	.00078	1.0479	.99276	5.8287	.00642
#2	1.0433	1.0274	.00119	1.0539	.98538	5.7908	.00840
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	1.0004	.97188
SDev	.0040	.00261
%RSD	.39728	.26878
#1	1.0033	.97373
#2	.99764	.97003
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5362	--	--	--	--	--	--
SDev	13.57659	--	--	--	--	--	--
%RSD	.2532190	--	--	--	--	--	--
#1	5371	--	--	--	--	--	--
#2	5352	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856885/MS Operator: AH
Run Time: 10/03/08 19:48:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.96040	.97032	5.2935	1.4192	.91148	39.076	.95216
SDev	.00223	.00268	.0168	.0045	.00285	.147	.00437
%RSD	.23199	.27606	.31711	.31849	.31304	.37613	.45901
#1	.95882	.96842	5.2816	1.4160	.90947	38.972	.94907
#2	.96197	.97221	5.3053	1.4224	.91350	39.180	.95525
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89815	.96990	1.0458	1.3540	12.955	33.634	1.6696
SDev	.00343	.00424	.0024	.0013	.060	.122	.0065
%RSD	.38157	.43694	.23233	.09330	.46680	.36263	.39102
#1	.89573	.96690	1.0441	1.3549	12.913	33.548	1.6650
#2	.90058	.97289	1.0475	1.3531	12.998	33.720	1.6742
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1136.0	.97474	.97371	.96466	.96767	.98315	.89732
SDev	1.8	.00488	.00013	.00144	.00100	.00324	.00015
%RSD	.15931	.50091	.01315	.14931	.10369	.32989	.01624
#1	H1134.8	.97129	.97362	.96364	.96697	.98545	.89722
#2	H1137.3	.97820	.97380	.96568	.96838	.98086	.89742
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0029	.97328	.00079	1.0026	.94880	5.7080	.00630
SDev	.0010	.00538	.00010	.0068	.00320	.0249	.00018
%RSD	.10202	.55242	12.629	.67878	.33684	.43594	2.7914
#1	1.0022	.97708	.00086	.99781	.94654	5.6904	.00618
#2	1.0037	.96948	.00072	1.0074	.95106	5.7255	.00642
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.95071	.92055
SDev	.00173	.00487
%RSD	.18243	.52957
#1	.94949	.91711
#2	.95194	.92400
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5381	--	--	--	--	--	--
SDev	11.24327	--	--	--	--	--	--
%RSD	.2089459	--	--	--	--	--	--
#1	5373	--	--	--	--	--	--
#2	5389	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856886/SD Operator: AH
Run Time: 10/03/08 19:53:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98104	.96995	5.2911	1.4239	.91139	39.267	.95695
SDev	.00256	.00381	.0104	.0019	.00192	.118	.00343
%RSD	.26087	.39285	.19628	.13558	.21112	.30052	.35872
#1	.98285	.97264	5.2985	1.4253	.91275	39.350	.95938
#2	.97923	.96726	5.2838	1.4226	.91003	39.183	.95452
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.90093	.97523	1.0466	1.3773	13.074	33.806	1.6747
SDev	.00335	.00263	.0010	.0042	.012	.111	.0037
%RSD	.37157	.26991	.09511	.30721	.08825	.32792	.22366
#1	.90330	.97709	1.0473	1.3803	13.066	33.884	1.6773
#2	.89856	.97337	1.0459	1.3744	13.082	33.728	1.6720
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1140.6	.97897	.97262	.97430	.97374	.98747	.89889
SDev	.4	.00323	.00123	.00558	.00413	.00562	.00041
%RSD	.03312	.32962	.12659	.57302	.42453	.56869	.04610
#1	H1140.4	.98125	.97349	.97825	.97667	.99144	.89859
#2	H1140.9	.97669	.97175	.97035	.97082	.98350	.89918
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99657	.98293	.00114	1.0059	.95332	5.7308	.00520
SDev	.00167	.00759	.00021	.0001	.00207	.0193	.00099
%RSD	.16708	.77229	18.468	.01091	.21745	.33691	18.978
#1	.99775	.98830	.00129	1.0059	.95479	5.7445	.00450
#2	.99539	.97757	.00099	1.0058	.95186	5.7172	.00590
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.94473	.92154
SDev	.00053	.00356
%RSD	.05651	.38670
#1	.94511	.92406
#2	.94435	.91902
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5367	--	--	--	--	--	--
SDev	11.56092	--	--	--	--	--	--
%RSD	.2154045	--	--	--	--	--	--
#1	5375	--	--	--	--	--	--
#2	5359	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856887 Operator: AH
Run Time: 10/03/08 19:58:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17189	-.00097	.18844	.26948	-.00003	2.6472	-.00001
SDev	.00314	.00018	.00126	.00237	.00005	.0099	.00011
%RSD	1.8257	18.424	.67093	.87808	158.66	.37359	822.51
#1	.16967	-.00084	.18934	.26781	-.00006	2.6402	.00006
#2	.17411	-.00109	.18755	.27116	.00000	2.6542	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00016	.00282	.03756	1.4707	.39576	.00327
SDev	.00001	.00051	.00022	.00324	.0068	.00392	.00002
%RSD	4.4332	326.54	7.8591	8.6342	.46416	.99040	.58072
#1	.00029	.00052	.00266	.03985	1.4755	.39298	.00325
#2	.00031	-.00021	.00298	.03527	1.4658	.39853	.00328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1143.2	.00703	-.00422	.00346	.00090	.00495	.00321
SDev	5.7	.00021	.00249	.00093	.00021	.00260	.00220
%RSD	.49702	2.9280	58.885	26.740	23.213	52.536	68.426
#1	H1139.2	.00717	-.00246	.00281	.00105	.00311	.00477
#2	H1147.2	.00688	-.00598	.00412	.00076	.00679	.00166
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00466	.00510	.00118	.00416	.00054	.26739	.00304
SDev	.00079	.00351	.00010	.00088	.00013	.00116	.00017
%RSD	16.929	68.783	8.2321	21.219	23.391	.43542	5.4756
#1	.00410	.00262	.00111	.00354	.00045	.26656	.00292
#2	.00521	.00758	.00125	.00479	.00063	.26821	.00316
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00063	.00153
SDev	.00031	.00103
%RSD	49.129	67.583
#1	.00041	.00226
#2	.00085	.00080
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5465	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2930618	--	--	--	--	--	--
#1	5454	--	--	--	--	--	--
#2	5476	--	--	--	--	--	--

Analysis Report QC Standard 10/03/08 08:11:29 PM page 1

Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 20:06:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.486	.48253	.48522	.48415	.48163	24.260	.48752
SDev	1.533	.02293	.02651	.02873	.02706	1.435	.02847
%RSD	6.2621	4.7513	5.4629	5.9335	5.6183	5.9171	5.8404
#1	25.570	.49874	.50396	.50447	.50076	25.275	.50765
#2	23.402	.46632	.46647	.46384	.46250	23.245	.46739
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48014	.49987	.47680	24.368	24.817	24.338	.48872
SDev	.02751	.03090	.02724	1.529	1.062	1.388	.02796
%RSD	5.7303	6.1815	5.7124	6.2758	4.2776	5.7018	5.7203
#1	.49960	.52172	.49606	25.450	25.567	25.319	.50849
#2	.46069	.47802	.45754	23.287	24.066	23.356	.46895
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.033	.48939	.49239	.48428	.48698	.49010	.51133
SDev	1.139	.03025	.02525	.02407	.02446	.02351	.03271
%RSD	4.7393	6.1807	5.1275	4.9700	5.0230	4.7970	6.3974
#1	24.838	.51078	.51024	.50130	.50428	.50672	.53446
#2	23.228	.46801	.47454	.46727	.46969	.47347	.48820
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49493	.48769	.50735	.51058	.48131	.48441	.50866
SDev	.02434	.02309	.03090	.02465	.02971	.02500	.03078
%RSD	4.9186	4.7353	6.0900	4.8285	6.1737	5.1616	6.0513
#1	.51214	.50402	.52920	.52801	.50232	.50209	.53042
#2	.47771	.47136	.48551	.49315	.46030	.46673	.48689
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.48589	.48804
SDev	.02730	.02751
%RSD	5.6196	5.6357
#1	.50520	.50749
#2	.46659	.46859
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5307	--	--	--	--	--	--
SDev	265.2710	--	--	--	--	--	--
%RSD	4.998583	--	--	--	--	--	--
#1	5119	--	--	--	--	--	--
#2	5494	--	--	--	--	--	--

Analysis Report Blank Sample 10/03/08 08:16:33 PM page 1

Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 20:11:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01702	.00096	.00384	.00019	.00003	-.00428	.00004
SDev	.00525	.00094	.00060	.00005	.00010	.00152	.00003
%RSD	30.845	97.850	15.741	25.042	365.08	35.545	78.708
#1	.02073	.00163	.00341	.00022	.00009	-.00320	.00002
#2	.01331	.00030	.00427	.00016	-.00004	-.00535	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00050	-.00080	.01125	.01581	-.00565	.00008
SDev	.00023	.00038	.00034	.00539	.02486	.00593	.00000
%RSD	80.773	76.777	42.964	47.913	157.25	104.98	2.0944
#1	.00012	.00077	-.00055	.01507	.03338	-.00146	.00008
#2	.00045	.00023	-.00104	.00744	-.00177	-.00985	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01589	.00076	-.00198	.00262	.00109	.00207	-.00069
SDev	.22486	.00028	.00134	.00005	.00048	.00120	.00177
%RSD	1415.3	37.069	67.570	1.9253	44.248	58.192	256.07
#1	.14311	.00056	-.00293	.00258	.00075	.00122	.00056
#2	-.17489	.00096	-.00104	.00265	.00142	.00292	-.00195
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	.00332	.00082	.00400	.00025	.00088	.00084
SDev	.00410	.00024	.00026	.00089	.00026	.00015	.00207
%RSD	942.69	7.3578	31.608	22.350	102.13	16.549	245.59
#1	-.00334	.00350	.00101	.00463	.00044	.00098	-.00062
#2	.00247	.00315	.00064	.00337	.00007	.00078	.00231
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00044	.00010
SDev	.00030	.00163
%RSD	69.892	1651.5
#1	.00065	.00125
#2	.00022	-.00106
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5610	--	--	--	--	--	--
SDev	25.66818	--	--	--	--	--	--
%RSD	.4575311	--	--	--	--	--	--
#1	5592	--	--	--	--	--	--
#2	5628	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856888 Operator: AH
Run Time: 10/03/08 20:16:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24308	.00646	.46469	1.0069	.00066	725.27	.00012
SDev	.00396	.00023	.00107	.0019	.00002	1.62	.00021
%RSD	1.6296	3.5011	.22950	.18521	3.2069	.22302	167.19
#1	.24028	.00662	.46394	1.0082	.00067	724.13	.00027
#2	.24588	.00630	.46544	1.0055	.00064	726.42	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	.00135	.01066	.22413	4.8425	23.512	.60960
SDev	.00044	.00007	.00040	.00047	.1038	.008	.00072
%RSD	91.865	4.9254	3.7620	.21197	2.1432	.03508	.11831
#1	.00017	.00139	.01038	.22379	4.9158	23.518	.61011
#2	.00079	.00130	.01094	.22446	4.7691	23.506	.60909
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1180.5	.00643	.00185	-.00011	.00054	.00365	.00082
SDev	2.0	.00007	.00142	.00032	.00026	.00523	.00066
%RSD	.16634	1.1223	77.039	292.82	47.928	143.43	80.612
#1	H1181.9	.00638	.00285	-.00034	.00073	.00734	.00035
#2	H1179.1	.00648	.00084	.00012	.00036	-.00005	.00129
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00786	.00154	.00656	-.00014	.00119	.48198	.00297
SDev	.00390	.00589	.00019	.00075	.00015	.00252	.00164
%RSD	49.637	382.95	2.8736	519.56	12.373	.52293	55.338
#1	.01062	.00571	.00643	-.00068	.00129	.48019	.00414
#2	.00510	-.00263	.00670	.00039	.00108	.48376	.00181
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00012	.00394
SDev	.00003	.00089
%RSD	23.643	22.648
#1	-.00014	.00331
#2	-.00010	.00457
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5128	--	--	--	--	--	--
SDev	28.42549	--	--	--	--	--	--
%RSD	.5542651	--	--	--	--	--	--
#1	5108	--	--	--	--	--	--
#2	5149	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856889 Operator: AH
Run Time: 10/03/08 20:21:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10966	-.00017	.15944	.52844	.00042	727.81	.00053
SDev	.00428	.00149	.00087	.00028	.00004	6.26	.00007
%RSD	3.9009	892.56	.54624	.05198	9.7877	.85945	14.043
#1	.11268	.00089	.16005	.52824	.00045	732.23	.00048
#2	.10663	-.00122	.15882	.52863	.00039	723.39	.00058
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	-.00034	.00013	.03113	3.3416	8.4538	2.2488
SDev	.00013	.00007	.00012	.00893	.0421	.0082	.0055
%RSD	3.1392	21.631	88.881	28.673	1.2612	.09700	.24425
#1	.00426	-.00029	.00021	.03744	3.3118	8.4480	2.2449
#2	.00407	-.00040	.00005	.02482	3.3714	8.4596	2.2527
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1113.5	.00659	-.00431	.00290	.00050	.00135	-.00243
SDev	1.3	.00004	.00070	.00121	.00104	.00156	.00154
%RSD	.11835	.60575	16.313	41.621	207.42	115.96	63.445
#1	H1112.6	.00662	-.00480	.00205	-.00023	.00024	-.00352
#2	H1114.4	.00657	-.00381	.00376	.00124	.00245	-.00134
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00337	.00033	.00140	-.00025	.00019	.20920	.00096
SDev	.00023	.00223	.00032	.00001	.00040	.00110	.00060
%RSD	6.7348	670.04	22.459	6.0230	216.17	.52498	62.357
#1	.00321	-.00124	.00163	-.00026	.00047	.20998	.00138
#2	.00353	.00191	.00118	-.00023	-.00010	.20842	.00053
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00004
SDev	.00050	.00040
%RSD	295.88	953.49
#1	.00052	-.00024
#2	-.00018	.00032
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5323	--	--	--	--	--	--
SDev	6.045970	--	--	--	--	--	--
%RSD	.1135921	--	--	--	--	--	--
#1	5318	--	--	--	--	--	--
#2	5327	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856890 Operator: AH
Run Time: 10/03/08 20:26:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14699	.00389	.25914	.34605	.00070	791.73	.00055
SDev	.00156	.00101	.00119	.00069	.00000	1.08	.00018
%RSD	1.0636	25.948	.45714	.20079	.54084	.13674	32.727
#1	.14589	.00318	.25998	.34654	.00070	792.50	.00043
#2	.14810	.00461	.25830	.34556	.00071	790.97	.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00572	-.00029	.00146	.21703	6.9330	45.984	4.4621
SDev	.00017	.00004	.00004	.00341	.0041	.047	.0039
%RSD	2.9823	13.646	2.6172	1.5709	.05977	.10319	.08669
#1	.00560	-.00026	.00143	.21462	6.9301	46.018	4.4648
#2	.00584	-.00032	.00148	.21944	6.9360	45.950	4.4594
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1134.8	.09188	.02734	.03179	.03031	.00464	.00524
SDev	2.7	.00043	.00080	.00065	.00070	.00162	.00303
%RSD	.23616	.46497	2.9062	2.0572	2.3123	34.916	57.779
#1	H1136.7	.09158	.02678	.03133	.02981	.00579	.00739
#2	H1132.9	.09219	.02791	.03225	.03081	.00350	.00310
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00985	.00204	.00080	.00069	.00087	4.4290	.00316
SDev	.00031	.00228	.00005	.00181	.00027	.0029	.00141
%RSD	3.1711	111.73	6.4250	261.60	30.911	.06527	44.539
#1	.01007	.00364	.00077	-.00059	.00068	4.4269	.00216
#2	.00963	.00043	.00084	.00197	.00107	4.4310	.00415
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.21586
SDev	.00039	.00034
%RSD	349.94	.15636
#1	.00038	.21609
#2	-.00016	.21562
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5209	--	--	--	--	--	--
SDev	17.92523	--	--	--	--	--	--
%RSD	.3441517	--	--	--	--	--	--
#1	5196	--	--	--	--	--	--
#2	5221	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856901/PB Operator: AH
Run Time: 10/03/08 20:34:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00133	.00513	.00006	-.00017	.05775	-.00006
SDev	.00046	.00265	.00053	.00002	.00003	.00442	.00015
%RSD	44.656	199.74	10.306	24.312	18.288	7.6501	243.44
#1	.00071	-.00055	.00551	.00007	-.00019	.06088	.00004
#2	.00137	.00321	.00476	.00005	-.00015	.05463	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00011	-.00084	-.00240	.00879	-.01038	.00025
SDev	.00006	.00010	.00005	.00309	.00860	.00216	.00006
%RSD	131.89	92.886	5.3618	128.99	97.916	20.791	23.729
#1	.00008	.00004	-.00081	-.00458	.00270	-.01190	.00020
#2	.00000	.00019	-.00088	-.00021	.01487	-.00885	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08187	.00109	-.00201	.00055	-.00030	.00081	.00092
SDev	.01549	.00002	.00145	.00029	.00068	.00342	.00183
%RSD	18.917	1.6940	72.128	52.585	225.50	420.82	200.20
#1	.09282	.00111	-.00099	.00076	.00018	.00323	-.00038
#2	.07092	.00108	-.00304	.00035	-.00078	-.00161	.00221
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	.00171	.00053	.00255	-.00029	.00071	.00256
SDev	.00253	.00386	.00004	.00247	.00051	.00014	.00038
%RSD	260.37	226.60	7.3863	96.825	178.91	19.780	14.710
#1	.00082	.00444	.00056	.00430	.00008	.00061	.00229
#2	-.00276	-.00103	.00050	.00081	-.00065	.00080	.00282
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00024	.00004
SDev	.00007	.00097
%RSD	31.735	2581.3
#1	.00029	.00072
#2	.00018	-.00065
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5562	--	--	--	--	--	--
SDev	6.045970	--	--	--	--	--	--
%RSD	.1087087	--	--	--	--	--	--
#1	5566	--	--	--	--	--	--
#2	5557	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856900/LCS Operator: AH
Run Time: 10/03/08 20:39:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01488	.94908	.00517	.94680	.93523	.02514	.98272
SDev	.00229	.00285	.00144	.00022	.00228	.00414	.00213
%RSD	15.356	.30076	27.939	.02340	.24376	16.487	.21680
#1	.01650	.94706	.00619	.94664	.93685	.02807	.98422
#2	.01327	.95109	.00415	.94696	.93362	.02221	.98121
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91733	.95189	.94518	.07563	.00609	-.01217	.95911
SDev	.00318	.00232	.00041	.00463	.00118	.00054	.00239
%RSD	.34714	.24341	.04381	6.1275	19.359	4.4509	.24919
#1	.91958	.95353	.94489	.07891	.00692	-.01178	.96080
#2	.91508	.95026	.94547	.07235	.00525	-.01255	.95742
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08065	.97419	.91283	.90561	.90802	.96672	.85724
SDev	.01595	.00307	.00784	.00611	.00669	.00523	.00176
%RSD	19.779	.31462	.85902	.67464	.73637	.54111	.20483
#1	.09193	.97636	.91838	.90993	.91275	.97042	.85849
#2	.06937	.97202	.90729	.90129	.90329	.96302	.85600
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High		1.2000			1.2000	1.2000	1.2000
Low		.80000			.80000	.80000	.80000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.97327	.96346	.00054	1.0044	.94943	.96888	.00232
SDev	.00284	.00643	.00008	.0098	.00252	.00307	.00019
%RSD	.29210	.66689	14.295	.97347	.26536	.31674	8.0973
#1	.97528	.96800	.00059	.99750	.95121	.97105	.00219
#2	.97126	.95892	.00048	1.0113	.94765	.96671	.00245
Errors	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK
High				1.2000	1.2000	1.2000	
Low				.80000	.80000	.80000	

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.92131	.93570
SDev	.00004	.00114
%RSD	.00468	.12238
#1	.92128	.93651
#2	.92134	.93489
Errors	LC Pass	LC Pass
High	1.2000	1.2000
Low	.80000	.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5610	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0642888	--	--	--	--	--	--
#1	5607	--	--	--	--	--	--
#2	5612	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856894 Operator: AH
Run Time: 10/03/08 20:44:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46104	.34003	10.406	.96594	.00078	61.507	.00032
SDev	.00633	.00059	.007	.00237	.00008	.060	.00013
%RSD	1.3732	.17219	.06920	.24548	9.7220	.09723	38.573
#1	.46552	.33961	10.411	.96427	.00073	61.465	.00041
#2	.45657	.34044	10.401	.96762	.00084	61.549	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08341	.30647	.02686	.67518	H684.18	76.588	.57931
SDev	.00008	.00033	.00068	.00557	12.00	.196	.00152
%RSD	.10094	.10867	2.5428	.82508	1.7536	.25622	.26211
#1	.08347	.30623	.02734	.67124	H675.70	76.449	.57823
#2	.08335	.30670	.02637	.67911	H692.66	76.727	.58038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H1416.3	.39641	.00597	.00432	.00487	.00961	.11417
SDev	1.4	.00016	.00402	.00221	.00014	.00143	.00238
%RSD	.09998	.04152	67.380	51.261	2.8474	14.859	2.0812
#1	H1415.3	.39653	.00881	.00275	.00477	.00860	.11585
#2	H1417.3	.39630	.00312	.00589	.00497	.01062	.11249
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01407	.00738	.13186	.00710	.05528	.08811	.07474
SDev	.00372	.00400	.00001	.00281	.00032	.00044	.00070
%RSD	26.423	54.232	.00965	39.540	.58404	.49572	.93198
#1	.01670	.00455	.13185	.00908	.05551	.08841	.07524
#2	.01144	.01021	.13187	.00511	.05505	.08780	.07425
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00062	.02105
SDev	.00030	.00197
%RSD	47.691	9.3549
#1	.00083	.02244
#2	.00041	.01966
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5017	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1902700	--	--	--	--	--	--
#1	5024	--	--	--	--	--	--
#2	5010	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856895 Operator: AH
Run Time: 10/03/08 20:49:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02102	.00883	1.8929	.45669	-.00004	155.56	-.00011
SDev	.00337	.00111	.0099	.00036	.00010	.22	.00001
%RSD	16.052	12.507	.52242	.07821	219.91	.14415	11.732
#1	.02340	.00805	1.8999	.45643	.00002	155.72	-.00010
#2	.01863	.00962	1.8859	.45694	-.00011	155.41	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01526	.00897	.01300	.61181	105.45	64.208	.84945
SDev	.00008	.00033	.00010	.00017	.38	.138	.00095
%RSD	.50111	3.7041	.79367	.02761	.36057	.21418	.11225
#1	.01521	.00874	.01307	.61169	105.18	64.305	.85012
#2	.01532	.00921	.01293	.61192	105.72	64.111	.84878
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H454.50	.05052	-.00269	.00040	-.00063	.00331	.00490
SDev	.50	.00008	.00007	.00023	.00013	.00425	.00008
%RSD	.10893	.15974	2.6930	57.299	20.566	128.62	1.6421
#1	H454.15	.05046	-.00264	.00024	-.00072	.00631	.00496
#2	H454.85	.05057	-.00274	.00056	-.00054	.00030	.00484
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00486	.00253	.00236	.00153	.00128	.01666	.00810
SDev	.00013	.00631	.00022	.00147	.00040	.00004	.00136
%RSD	2.7373	249.60	9.3933	96.255	30.856	.25109	16.800
#1	.00495	.00699	.00252	.00049	.00156	.01669	.00906
#2	.00477	-.00193	.00220	.00257	.00100	.01663	.00714
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	-.00007	.01335
SDev	.00014	.00012
%RSD	197.54	.88085
#1	-.00016	.01343
#2	.00003	.01326
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5454	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.2333878	--	--	--	--	--	--
#1	5445	--	--	--	--	--	--
#2	5463	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD856895/L (1:5) Operator: AH
Run Time: 10/03/08 20:54:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	.00236	.37879	.09051	-.00011	31.569	.00007
SDev	.00180	.00048	.00229	.00019	.00001	.032	.00000
%RSD	41.414	20.179	.60395	.20770	4.6998	.10173	1.0589
#1	.00563	.00203	.38040	.09038	-.00012	31.592	.00007
#2	.00308	.00270	.37717	.09064	-.00011	31.546	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00324	.00162	.00220	.13226	20.075	12.887	.17229
SDev	.00005	.00025	.00032	.00022	.097	.004	.00027
%RSD	1.4427	15.199	14.334	.16386	.48556	.02880	.15672
#1	.00320	.00145	.00242	.13210	20.006	12.889	.17210
#2	.00327	.00180	.00197	.13241	20.144	12.884	.17249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	97.348	.01130	.00024	.00108	.00080	-.00157	.00179
SDev	.111	.00014	.00075	.00057	.00063	.00009	.00161
%RSD	.11419	1.2292	307.25	52.924	78.728	5.4250	90.157
#1	97.426	.01140	.00077	.00148	.00124	-.00163	.00065
#2	97.269	.01120	-.00029	.00067	.00035	-.00151	.00292
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	-.00266	.00095	-.00029	.00017	.00379	.00160
SDev	.00072	.00023	.00016	.00036	.00013	.00068	.00094
%RSD	118.26	8.8043	17.435	122.23	75.804	17.790	58.952
#1	.00010	-.00250	.00083	-.00055	.00025	.00427	.00227
#2	.00113	-.00283	.00106	-.00004	.00008	.00332	.00093
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00011	.00340
SDev	.00046	.00219
%RSD	398.89	64.442
#1	-.00021	.00185
#2	.00044	.00496
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5575	--	--	--	--	--	--
SDev	9.651938	--	--	--	--	--	--
%RSD	.1731390	--	--	--	--	--	--
#1	5582	--	--	--	--	--	--
#2	5568	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCV Operator: AH
Run Time: 10/03/08 21:02:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.371	.46789	.46489	.46393	.46804	23.466	.47377
SDev	.032	.00160	.00037	.00119	.00152	.012	.00053
%RSD	.13629	.34133	.08055	.25541	.32459	.05099	.11142
#1	23.349	.46902	.46462	.46309	.46697	23.458	.47340
#2	23.394	.46676	.46515	.46477	.46912	23.474	.47414
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.46376	.48207	.45608	23.513	24.368	23.664	.47393
SDev	.00084	.00017	.00024	.047	.156	.068	.00162
%RSD	.18179	.03589	.05372	.20053	.63828	.28770	.34264
#1	.46317	.48219	.45591	23.480	24.258	23.616	.47278
#2	.46436	.48194	.45625	23.546	24.478	23.712	.47507
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.159	.47512	.48262	.47239	.47580	.48083	.49368
SDev	.074	.00138	.00104	.00103	.00103	.00364	.00060
%RSD	.32112	.29005	.21495	.21723	.21646	.75638	.12100
#1	23.211	.47415	.48189	.47167	.47507	.47826	.49411
#2	23.106	.47609	.48335	.47312	.47653	.48340	.49326
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48720	.47765	.48682	.48831	.46212	.47400	.49158
SDev	.00229	.00431	.00045	.00337	.00075	.00202	.00085
%RSD	.47069	.90208	.09203	.69090	.16293	.42524	.17198
#1	.48558	.47461	.48650	.48593	.46159	.47257	.49098
#2	.48882	.48070	.48714	.49070	.46266	.47543	.49217
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.46522	.47245
SDev	.00071	.00394
%RSD	.15180	.83478
#1	.46472	.46966
#2	.46572	.47523
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5528	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1342996	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5523	--	--	--	--	--	--

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Method: TRACE1 Sample Name: CCB Operator: AH
Run Time: 10/03/08 21:08:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02240	.00052	.00291	.00018	-.00009	-.00126	.00004
SDev	.00311	.00107	.00018	.00008	.00003	.00119	.00008
%RSD	13.892	205.49	6.1863	45.075	29.465	94.420	224.88
#1	.02460	-.00024	.00278	.00023	-.00007	-.00042	-.00002
#2	.02020	.00128	.00304	.00012	-.00011	-.00210	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00025	-.00012	.00747	.00754	-.00356	.00006
SDev	.00035	.00026	.00014	.00625	.00416	.00087	.00003
%RSD	306.57	104.46	115.92	83.647	55.155	24.503	46.284
#1	.00013	.00044	-.00002	.01189	.00460	-.00294	.00009
#2	-.00037	.00007	-.00022	.00305	.01048	-.00417	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03009	.00129	-.00137	.00137	.00046	.00235	.00042
SDev	.10269	.00004	.00041	.00065	.00057	.00104	.00099
%RSD	341.29	2.8848	30.050	47.198	124.82	43.989	238.84
#1	-.10270	.00126	-.00108	.00183	.00086	.00162	.00112
#2	.04253	.00132	-.00167	.00091	.00005	.00309	-.00029
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00352	.00033	.00564	-.00001	.00131	.00134
SDev	.00154	.00078	.00006	.00162	.00013	.00015	.00056
%RSD	8016.8	22.200	17.299	28.731	1076.7	11.061	42.217
#1	-.00107	.00297	.00037	.00679	-.00010	.00141	.00174
#2	.00111	.00408	.00029	.00449	.00008	.00121	.00094
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020

Units	ppm	ppm
Avge	.00017	.00118
SDev	.00047	.00039
%RSD	275.45	32.641
#1	.00051	.00146
#2	-.00016	.00091
Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5517	--	--	--	--	--	--
SDev	13.57659	--	--	--	--	--	--
%RSD	.2461065	--	--	--	--	--	--
#1	5507	--	--	--	--	--	--
#2	5526	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: [signature] Date: 9/26/08 Secondary Review: AH Date: 9/26/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	A092508	TRACE2	09/25/08	10:46		X	IR
2	STD 1 12-115-C	A092508	TRACE2	09/25/08	10:52		X	IR
3	STD 2 12-115-D	A092508	TRACE2	09/25/08	10:57		X	IR
4	STD 3 12-115-B	A092508	TRACE2	09/25/08	11:02		X	IR
5	STD 3 VER I	A092508	TRACE2	09/25/08	11:07	AH	B	CONC
6	ICV 12-115-E	A092508	TRACE2	09/25/08	11:13	AH	Q	CONC
7	ICB 12-115-A	A092508	TRACE2	09/25/08	11:18	AH	B	CONC
8	CRI 12-120-A	A092508	TRACE2	09/25/08	11:23	AH	B	CONC
9	ICSA 12-110-B	A092508	TRACE2	09/25/08	11:29	AH	Q	CONC
10	ICSAB 12-110-C	A092508	TRACE2	09/25/08	11:34	AH	Q	CONC
11	CCV 12-119-F	A092508	TRACE2	09/25/08	11:41	AH	Q	CONC
12	CCB 12-115-A	A092508	TRACE2	09/25/08	11:46	AH	B	CONC
13	AD854696/CLPSL	A092508	TRACE2	09/25/08	12:11	AH	S	CONC
14	AD853719/(1:5) A1105	A092508	TRACE2	09/25/08	12:17	AH	S	CONC
15	AD853722/(1:5)	A092508	TRACE2	09/25/08	12:22	AH	S	CONC
16	AD853723/(1:5)	A092508	TRACE2	09/25/08	12:28	AH	S	CONC
17	AD853732/(1:5)	A092508	TRACE2	09/25/08	12:33	AH	S	CONC
18	AD853733/(1:5)	A092508	TRACE2	09/25/08	12:38	AH	S	CONC
19	AD853735/(1:5)	A092508	TRACE2	09/25/08	12:44	AH	S	CONC
20	AD854543/PB	A092508	TRACE2	09/25/08	12:49	AH	S	CONC
21	AD854542/CLPSL	A092508	TRACE2	09/25/08	12:54	AH	S	CONC
22	AD854535 B552	A092508	TRACE2	09/25/08	13:00	AH	S	CONC
23	CCV	A092508	TRACE2	09/25/08	13:07	AH	Q	CONC
24	CCB	A092508	TRACE2	09/25/08	13:12	AH	B	CONC
25	CRI	A092508	TRACE2	09/25/08	13:22	AH	B	CONC
26	ICSA	A092508	TRACE2	09/25/08	13:27	AH	Q	CONC
27	ICSAB	A092508	TRACE2	09/25/08	13:33	AH	Q	CONC
28	CCV	A092508	TRACE2	09/25/08	13:40	AH	Q	CONC
29	CCB	A092508	TRACE2	09/25/08	13:45	AH	B	CONC
30	AD849697/PB	A092508	TRACE2	09/25/08	13:50	AH	S	CONC
31	AD849696/FB	A092508	TRACE2	09/25/08	13:59	AH	S	CONC
32	AD849692 A1122	A092508	TRACE2	09/25/08	14:05	AH	S	CONC
33	AD854523 B554	A092508	TRACE2	09/25/08	14:10	AH	S	CONC
34	AD854524	A092508	TRACE2	09/25/08	14:16	AH	S	CONC
35	AD854525	A092508	TRACE2	09/25/08	14:21	AH	S	CONC
36	AD854525/L (1:5)	A092508	TRACE2	09/25/08	14:26	AH	S	CONC
37	AD854525/PS	A092508	TRACE2	09/25/08	14:32	AH	S	CONC
38	AD854526/MS	A092508	TRACE2	09/25/08	14:55	AH	S	CONC
39	AD854527/SD	A092508	TRACE2	09/25/08	15:01	AH	S	CONC
40	CCV	A092508	TRACE2	09/25/08	15:08	AH	Q	CONC
41	CCB	A092508	TRACE2	09/25/08	15:13	AH	B	CONC
42	AD854528	A092508	TRACE2	09/25/08	15:18	AH	S	CONC
43	AD854529	A092508	TRACE2	09/25/08	15:24	AH	S	CONC
44	AD854530	A092508	TRACE2	09/25/08	15:33	AH	S	CONC
45	AD854531	A092508	TRACE2	09/25/08	15:38	AH	S	CONC
46	AD854532	A092508	TRACE2	09/25/08	15:44	AH	S	CONC
47	AD854533	A092508	TRACE2	09/25/08	15:49	AH	S	CONC
48	AD854534	A092508	TRACE2	09/25/08	15:54	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD854538 B642	A092508	TRACE2	09/25/08	16:00	AH	S	CONC
50	AD854529/(1:5) B534	A092508	TRACE2	09/25/08	16:05	AH	S	CONC
51	AD854532/(1:5)	A092508	TRACE2	09/25/08	16:11	AH	S	CONC
52	CCV	A092508	TRACE2	09/25/08	16:17	AH	Q	CONC
53	CCB	A092508	TRACE2	09/25/08	16:23	AH	B	CONC
54	AD854229/CLPSL	A092508	TRACE2	09/25/08	16:28	AH	S	CONC
55	AD854270/(1:5) B622	A092508	TRACE2	09/25/08	16:34	AH	S	CONC
56	AD854253/(1:10) B612	A092508	TRACE2	09/25/08	16:39	AH	S	CONC
57	AD854254/(1:5)	A092508	TRACE2	09/25/08	16:44	AH	S	CONC
58	AD854255/(1:10)	A092508	TRACE2	09/25/08	16:50	AH	S	CONC
59	AD854256/(1:10)	A092508	TRACE2	09/25/08	16:55	AH	S	CONC
60	AD854257/(1:5)	A092508	TRACE2	09/25/08	17:01	AH	S	CONC
61	AD854258/(1:20)	A092508	TRACE2	09/25/08	17:06	AH	S	CONC
62	AD854259/(1:10)	A092508	TRACE2	09/25/08	17:11	AH	S	CONC
63	AD854260/(1:20)	A092508	TRACE2	09/25/08	17:17	AH	S	CONC
64	CCV	A092508	TRACE2	09/25/08	17:24	AH	Q	CONC
65	CCB	A092508	TRACE2	09/25/08	17:29	AH	B	CONC
66	AD854261/(1:20)	A092508	TRACE2	09/25/08	17:34	AH	S	CONC
67	AD854121/PB	A092508	TRACE2	09/25/08	17:40	AH	S	CONC
68	AD854120/LFB	A092508	TRACE2	09/25/08	17:45	AH	S	CONC
69	AD854098 B663	A092508	TRACE2	09/25/08	17:51	AH	S	CONC
70	AD854099	A092508	TRACE2	09/25/08	17:56	AH	S	CONC
71	AD854100	A092508	TRACE2	09/25/08	18:01	AH	S	CONC
72	AD854115 B485	A092508	TRACE2	09/25/08	18:07	AH	S	CONC
73	AD854116	A092508	TRACE2	09/25/08	18:12	AH	S	CONC
74	AD854117	A092508	TRACE2	09/25/08	18:18	AH	S	CONC
75	AD854118	A092508	TRACE2	09/25/08	18:23	AH	S	CONC
76	CCV	A092508	TRACE2	09/25/08	18:30	AH	Q	CONC
77	CCB	A092508	TRACE2	09/25/08	18:35	AH	B	CONC
78	AD854119	A092508	TRACE2	09/25/08	18:41	AH	S	CONC
79	AD854112/(1:5)	A092508	TRACE2	09/25/08	18:46	AH	S	CONC
80	AD854113/(1:10)	A092508	TRACE2	09/25/08	18:51	AH	S	CONC
81	AD854114/(1:5)	A092508	TRACE2	09/25/08	18:57	AH	S	CONC
82	AD854119/(1:5)	A092508	TRACE2	09/25/08	19:02	AH	S	CONC
83	AD854461/(1:100) B526	A092508	TRACE2	09/25/08	19:08	AH	S	CONC
84	AD854462/(1:100)	A092508	TRACE2	09/25/08	19:13	AH	S	CONC
85	AD854462/L (1:500)	A092508	TRACE2	09/25/08	19:18	AH	S	CONC
86	AD854462/PS (1:100)	A092508	TRACE2	09/25/08	19:24	AH	S	CONC
87	AD854463/MS (1:100)	A092508	TRACE2	09/25/08	19:29	AH	S	CONC
88	CCV	A092508	TRACE2	09/25/08	19:36	AH	Q	CONC
89	CCB	A092508	TRACE2	09/25/08	19:42	AH	B	CONC
90	AD854464/SD (1:100)	A092508	TRACE2	09/25/08	19:47	AH	S	CONC
91	AD854465/(1:100)	A092508	TRACE2	09/25/08	19:52	AH	S	CONC
92	AD854466/(1:100)	A092508	TRACE2	09/25/08	19:58	AH	S	CONC
93	AD854536/(1:5) B604	A092508	TRACE2	09/25/08	20:03	AH	S	CONC
94	AD854445/PB	A092508	TRACE2	09/25/08	20:09	AH	S	CONC
95	AD854444/FB	A092508	TRACE2	09/25/08	20:14	AH	S	CONC
96	AD854423 B596	A092508	TRACE2	09/25/08	20:19	AH	S	CONC
97	AD854424	A092508	TRACE2	09/25/08	20:25	AH	S	CONC
98	AD854424/L (1:5)	A092508	TRACE2	09/25/08	20:30	AH	S	CONC
99	AD854424/PS	A092508	TRACE2	09/25/08	20:36	AH	S	CONC
100	CCV	A092508	TRACE2	09/25/08	20:43	AH	Q	CONC
101	CCB	A092508	TRACE2	09/25/08	20:48	AH	B	CONC
102	STD BLK	A092508	TRACE2	09/25/08	21:04		X	IR

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	STD 1	A092508	TRACE2	09/25/08	21:10		X	IR
104	STD 2	A092508	TRACE2	09/25/08	21:15		X	IR
105	STD 3	A092508	TRACE2	09/25/08	21:20		X	IR
106	STD 3 VER	A092508	TRACE2	09/25/08	21:25	AH	B	CONC
107	ICV	A092508	TRACE2	09/25/08	21:30	AH	Q	CONC
108	ICB	A092508	TRACE2	09/25/08	21:36	AH	B	CONC
109	CRI	A092508	TRACE2	09/25/08	21:41	AH	B	CONC
110	ICSA	A092508	TRACE2	09/25/08	21:47	AH	Q	CONC
111	ICSAB	A092508	TRACE2	09/25/08	21:52	AH	Q	CONC
112	CCV	A092508	TRACE2	09/25/08	21:59	AH	Q	CONC
113	CCB	A092508	TRACE2	09/25/08	22:04	AH	B	CONC
114	AD854425/MS B5916	A092508	TRACE2	09/25/08	22:10	AH	S	CONC
115	AD854426/SD	A092508	TRACE2	09/25/08	22:15	AH	S	CONC
116	AD854427	A092508	TRACE2	09/25/08	22:21	AH	S	CONC
117	AD854428 B6033	A092508	TRACE2	09/25/08	22:26	AH	S	CONC
118	AD854429	A092508	TRACE2	09/25/08	22:31	AH	S	CONC
119	AD854430 B6034	A092508	TRACE2	09/25/08	22:37	AH	S	CONC
120	AD854431 B6035	A092508	TRACE2	09/25/08	22:42	AH	S	CONC
121	AD854432	A092508	TRACE2	09/25/08	22:48	AH	S	CONC
122	AD854433 B6038	A092508	TRACE2	09/25/08	22:53	AH	S	CONC
123	AD854434	A092508	TRACE2	09/25/08	22:58	AH	S	CONC
124	CCV	A092508	TRACE2	09/25/08	23:05	AH	Q	CONC
125	CCB	A092508	TRACE2	09/25/08	23:11	AH	B	CONC
126	AD854435	A092508	TRACE2	09/25/08	23:16	AH	S	CONC
127	AD854436	A092508	TRACE2	09/25/08	23:22	AH	S	CONC
128	AD854437	A092508	TRACE2	09/25/08	23:27	AH	S	CONC
129	AD854438 B6039	A092508	TRACE2	09/25/08	23:32	AH	S	CONC
130	AD854439	A092508	TRACE2	09/25/08	23:38	AH	S	CONC
131	AD854440	A092508	TRACE2	09/25/08	23:43	AH	S	CONC
132	AD854441	A092508	TRACE2	09/25/08	23:49	AH	S	CONC
133	AD854442	A092508	TRACE2	09/25/08	23:54	AH	S	CONC
134	AD854443	A092508	TRACE2	09/25/08	23:59	AH	S	CONC
135	AD854317/PB	A092508	TRACE2	09/26/08	00:05	AH	S	CONC
136	CCV	A092508	TRACE2	09/26/08	00:12	AH	Q	CONC
137	CCB	A092508	TRACE2	09/26/08	00:17	AH	B	CONC
138	AD854316/FB	A092508	TRACE2	09/26/08	00:23	AH	S	CONC
139	AD854294 B594H	A092508	TRACE2	09/26/08	00:28	AH	S	CONC
140	AD854295	A092508	TRACE2	09/26/08	00:33	AH	S	CONC
141	AD854296	A092508	TRACE2	09/26/08	00:39	AH	S	CONC
142	AD854296/L (1:5)	A092508	TRACE2	09/26/08	00:44	AH	S	CONC
143	AD854296/PS	A092508	TRACE2	09/26/08	00:50	AH	S	CONC
144	AD854297/MS	A092508	TRACE2	09/26/08	00:55	AH	S	CONC
145	AD854298/SD	A092508	TRACE2	09/26/08	01:00	AH	S	CONC
146	AD854299	A092508	TRACE2	09/26/08	01:06	AH	S	CONC
147	AD854300	A092508	TRACE2	09/26/08	01:11	AH	S	CONC
148	CCV	A092508	TRACE2	09/26/08	01:18	AH	Q	CONC
149	CCB	A092508	TRACE2	09/26/08	01:24	AH	B	CONC
150	AD854301	A092508	TRACE2	09/26/08	01:29	AH	S	CONC
151	AD854302	A092508	TRACE2	09/26/08	01:34	AH	S	CONC
152	AD854303	A092508	TRACE2	09/26/08	01:40	AH	S	CONC
153	AD854304	A092508	TRACE2	09/26/08	01:45	AH	S	CONC
154	AD854305	A092508	TRACE2	09/26/08	01:51	AH	S	CONC
155	AD854306	A092508	TRACE2	09/26/08	01:56	AH	S	CONC
156	AD854307	A092508	TRACE2	09/26/08	02:02	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD854308 B594	A092508	TRACE2	09/26/08	02:07	AH	S	CONC
158	AD854309	A092508	TRACE2	09/26/08	02:13	AH	S	CONC
159	AD854310 B595	A092508	TRACE2	09/26/08	02:18	AH	S	CONC
160	CCV	A092508	TRACE2	09/26/08	02:25	AH	Q	CONC
161	CCB	A092508	TRACE2	09/26/08	02:30	AH	B	CONC
162	AD854311	A092508	TRACE2	09/26/08	02:36	AH	S	CONC
163	AD854312	A092508	TRACE2	09/26/08	02:41	AH	S	CONC
164	AD854313	A092508	TRACE2	09/26/08	02:47	AH	S	CONC
165	AD854314 B615	A092508	TRACE2	09/26/08	02:52	AH	S	CONC
166	AD854315	A092508	TRACE2	09/26/08	02:57	AH	S	CONC
167	AD854804/PB	A092508	TRACE2	09/26/08	03:03	AH	S	CONC
168	AD854803/FB	A092508	TRACE2	09/26/08	03:08	AH	S	CONC
169	AD854781 B636	A092508	TRACE2	09/26/08	03:14	AH	S	CONC
170	AD854782	A092508	TRACE2	09/26/08	03:19	AH	S	CONC
171	AD854783	A092508	TRACE2	09/26/08	03:25	AH	S	CONC
172	CCV	A092508	TRACE2	09/26/08	03:31	AH	Q	CONC
173	CCB	A092508	TRACE2	09/26/08	03:37	AH	B	CONC
174	STD BLK	A092508	TRACE2	09/26/08	03:53		X	IR
175	STD 1	A092508	TRACE2	09/26/08	03:59		X	IR
176	STD 2	A092508	TRACE2	09/26/08	04:04		X	IR
177	STD 3	A092508	TRACE2	09/26/08	04:09		X	IR
178	STD 3 VER	A092508	TRACE2	09/26/08	04:14	AH	B	CONC
179	ICV	A092508	TRACE2	09/26/08	04:19	AH	Q	CONC
180	ICB	A092508	TRACE2	09/26/08	04:25	AH	B	CONC
181	CRI	A092508	TRACE2	09/26/08	04:30	AH	B	CONC
182	ICSA	A092508	TRACE2	09/26/08	04:36	AH	Q	CONC
183	ICSAB	A092508	TRACE2	09/26/08	04:41	AH	Q	CONC
184	CCV	A092508	TRACE2	09/26/08	04:48	AH	Q	CONC
185	CCB	A092508	TRACE2	09/26/08	04:53	AH	B	CONC
186	AD854784	A092508	TRACE2	09/26/08	04:59	AH	S	CONC
187	AD854785	A092508	TRACE2	09/26/08	05:04	AH	S	CONC
188	AD854786	A092508	TRACE2	09/26/08	05:10	AH	S	CONC
189	AD854787	A092508	TRACE2	09/26/08	05:15	AH	S	CONC
190	AD854788 B653	A092508	TRACE2	09/26/08	05:20	AH	S	CONC
191	AD854789	A092508	TRACE2	09/26/08	05:26	AH	S	CONC
192	AD854789/L (1:5)	A092508	TRACE2	09/26/08	05:31	AH	S	CONC
193	AD854789/PS	A092508	TRACE2	09/26/08	05:37	AH	S	CONC
194	AD854790/MS	A092508	TRACE2	09/26/08	05:42	AH	S	CONC
195	AD854791/SD	A092508	TRACE2	09/26/08	05:48	AH	S	CONC
196	CCV	A092508	TRACE2	09/26/08	05:54	AH	Q	CONC
197	CCB	A092508	TRACE2	09/26/08	06:00	AH	B	CONC
198	AD854792	A092508	TRACE2	09/26/08	06:05	AH	S	CONC
199	AD854793 B654	A092508	TRACE2	09/26/08	06:11	AH	S	CONC
200	AD854794 B682	A092508	TRACE2	09/26/08	06:16	AH	S	CONC
201	AD854795	A092508	TRACE2	09/26/08	06:22	AH	S	CONC
202	AD854796	A092508	TRACE2	09/26/08	06:27	AH	S	CONC
203	AD854797 B683	A092508	TRACE2	09/26/08	06:32	AH	S	CONC
204	AD854798 B685	A092508	TRACE2	09/26/08	06:38	AH	S	CONC
205	AD854799	A092508	TRACE2	09/26/08	06:43	AH	S	CONC
206	AD854800	A092508	TRACE2	09/26/08	06:49	AH	S	CONC
207	AD854801	A092508	TRACE2	09/26/08	06:54	AH	S	CONC
208	CCV	A092508	TRACE2	09/26/08	07:01	AH	Q	CONC
209	CCB	A092508	TRACE2	09/26/08	07:07	AH	B	CONC
210	AD854802	A092508	TRACE2	09/26/08	07:12	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	CCV	A092508	TRACE2	09/26/08	07:19	AH	Q	CONC
212	CCB	A092508	TRACE2	09/26/08	07:24	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.07103	8.32909	41.577	83.5192	50.261	18.806
2	As1890	.04807	.49145	2.29124	4.51893	1.0030	.35938
3	B_2496	.07654	1.53164	7.38746	14.7336	1.0013	.37011
4	Ba4934	.01135	4.54482	22.839	45.7487	1.0028	.37478
5	Be3130	.29987	8.17195	39.8113	78.7772	.99546	.37060
6	Ca3179	.02432			61.4982	50.175	18.621
7	Cd2265	-.02336	11.3741	56.5258	112.229	.99171	.36933
8	Co2286	-.00567	.63357	3.19448	6.36337	.99620	.36604
9	Cr2677	.00048	1.87494	9.35096	18.6416	.99733	.38184
10	Cu3247	.03421	.96812	4.77465	9.53772	1.0073	.36461
11	Fe2714	-.00178	1.82694	9.15211	18.2322	49.856	18.476
12	K_7664	-.13217			69.975	50.294	18.533
13	Mg2790	.02886			112.913	50.170	18.763
14	Mn2576	.00081	1.30396	6.5308	13.0164	.99779	.37561
15	Mo2020	.00827	.93341	4.64279	9.30826	1.0033	.37563
16	Na3302	.00989			2.95205	50.044	18.661
17	Ni2316	-.08287	5.02239	25.4054	50.454	.99377	.37343
18	2203/1	.0352	1.28288	6.11775	12.1064	.98956	.37253
19	2203/2	-.00194	1.34758	6.95513	13.8442	1.0112	.37556
20	Sb2068	-.01451	.34257	1.68171	3.36782	.98273	.37408
21	1960/1	-.03763	.27649	1.52477	3.10987	1.0051	.38569
22	1960/2	.0167	.57195	2.83518	5.64319	1.0122	.38102
23	Ti3372	.10736	5.36505	26.5717	52.9507	1.0002	.38284
24	Tl1908	-.00319	.23548	1.25957	2.53507	1.0266	.37688
25	V_2924	.00048	.2867	1.43311	2.85741	.99814	.36754
26	Zn2062	.00016	.19313	.96156	1.90548	.99152	.37499
27	Sn1899	-.01815	1.24072	6.32818	12.5287	.99262	.37750
28	Ag3280	-.00291	1.64613	8.26799	16.5875	1.0015	.37263
29	*Y	3082.99	3083.29	3060.11	3063.79	3064.61	3084.53
30	PB2203					1.0040	.37455
31	SE1960					1.0098	.38257

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00503	.20518	522.42	523.94	25.110	.03506
2	As1890	-.00091	.01075	-.00451	.10511	.48042	.00159
3	B_2496	.00116	.02318	.00354	.02428	.49344	-.00013
4	Ba4934	.00021	.00201	.00084	.52455	.50163	.00012
5	Be3130	.00014	.00196	.00089	.49429	.49381	.00008
6	Ca3179	.00887	.49480	529.26	528.85	24.861	.03748
7	Cd2265	.00030	.00124	.00026	.97241	.48925	.00016
8	Co2286	.00030	.00439	.00099	.48615	.48674	.00012
9	Cr2677	.00019	.00475	-.00249	.50148	.50836	-.00015
10	Cu3247	.00012	.00995	.00099	.51886	.48800	.00028
11	Fe2714	.01105	.05806	196.11	97.575	24.563	.01373
12	K_7664	.02346	.46199	.03916	.03508	24.858	.00759
13	Mg2790	.01056	.20731	504.44	498.13	24.776	.03648
14	Mn2576	.00021	.00304	.00154	.49311	.49996	.00002
15	Mo2020	.00110	.01005	.00091	.00049	.49170	.00082
16	Na3302	-.02119	1.0102	-.23507	-.33226	24.724	-.09723
17	Ni2316	.00057	.01023	.00112	.96035	.49655	.00070
18	2203/1	-.00209	.00299	.00317	.05645	.48905	-.00088

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00162	.00439	.00644	.05662	.50317	-.00063
20	Sb2068	.00893	.02475	.00806	.61870	.49189	.00693
21	1960/1	.01514	.02883	.00505	.05725	.50213	.01468
22	1960/2	.00287	.01344	.00045	.05530	.49379	-.00229
23	Ti3372	.00025	.00493	.00130	.00264	.51094	.00034
24	Tl1908	-.00164	.02039	-.02621	.09024	.49788	-.00026
25	V_2924	.00000	.00550	.00032	.50670	.48911	.00000
26	Zn2062	.00058	.01149	-.00531	.96084	.49668	.00016
27	Sn1899	.00438	.01119	.00224	.00516	.50464	-.00109
28	Ag3280	.00018	.00350	.00052	.21343	.49527	.00009
29	*Y	3087.23	3083.33	2901.56	2897.44	3066.26	3083.4
30	PB2203	.00039	.00393	.00535	.05656	.49847	-.00071
31	SE1960	.00696	.01857	.00198	.05595	.49656	.00336

#	Element	AD8'LPSL	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)
1	Al3082	84.135	.07976	.01195	.01362	.02659	.01296
2	As1890	1.1920	.00165	-.00328	-.00116	.00028	-.00281
3	B_2496	1.2135	.61821	.66698	.67286	.71003	.65419
4	Ba4934	1.9694	.00314	.00607	.00632	.00222	.00147
5	Be3130	1.0322	.00011	.00009	.00008	.00010	.00010
6	Ca3179	87.135	57.881	64.585	62.757	61.886	58.608
7	Cd2265	.91252	.00016	.00000	.00013	.00006	.00029
8	Co2286	1.1842	.00050	.00066	.00031	-.00015	.00072
9	Cr2677	2.0433	.00048	-.00014	.00042	.00012	.00033
10	Cu3247	1.3783	-.00019	.00007	.00009	.00053	.00077
11	Fe2714	145.11	3.6602	.26676	.31875	-.00280	.05347
12	K_7664	47.419	67.778	74.284	70.501	80.270	74.129
13	Mg2790	42.636	167.41	180.48	169.46	195.08	181.09
14	Mn2576	4.5188	.04739	.01910	.01947	.00095	.00956
15	Mo2020	1.0131	.00187	.00056	.00142	.00178	.00149
16	Na3302	7.6550	H1305.8	H1408.1	H1344.3	H1498.2	H1401.4
17	Ni2316	1.0929	.00179	.00072	.00055	.00147	.00172
18	2203/1	1.4743	-.00224	-.00383	-.00045	.00291	-.00043
19	2203/2	1.4958	.00122	.00148	.00011	.00164	-.00099
20	Sb2068	.58741	.00721	.00328	.00409	.00085	.00617
21	1960/1	.88152	.01436	.00810	.00987	.01305	.01132
22	1960/2	.88179	.00109	-.00363	.00104	-.00354	.00179
23	Ti3372	4.7900	.00269	.00033	.00036	.00047	.00035
24	Tl1908	1.4387	.00162	-.00304	-.00569	-.00319	-.00012
25	V_2924	1.0922	-.00040	-.00041	.00000	-.00029	-.00035
26	Zn2062	2.4918	.00298	.00263	.00191	.00209	.00290
27	Sn1899	.94676	.00124	.00357	.00123	.00007	.00112
28	Ag3280	.72359	-.00032	-.00028	.00010	.00075	.00045
29	*Y	3270.3	2881.31	2867.78	2868.08	2857.58	2870.02
30	PB2203	1.4887	.00007	-.00028	-.00007	.00206	-.00080
31	SE1960	.88169	.00552	.00027	.00399	.00198	.00497

#	Element	AD8'1:5)	AD8'3/PB	AD8'LPSL	AD854535	CCV	CCB
1	Al3082	.02397	.00633	78.810	.02706	25.059	.01800
2	As1890	.00062	-.00230	1.1379	-.00107	.48087	.00075
3	B_2496	.72800	.00248	1.1648	.00209	.49195	-.00001
4	Ba4934	.00217	.00004	1.9062	.00715	.49678	.00005
5	Be3130	.00011	.00003	1.0113	-.00012	.49264	.00011
6	Ca3179	64.478	.04927	87.673	1.1275	24.835	.02062
7	Cd2265	.00013	.00012	.88459	.00006	.49077	.00012
8	Co2286	.00019	-.00034	1.1528	.00154	.48796	.00017
9	Cr2677	.00018	.00047	1.9855	.00088	.51066	-.00015
10	Cu3247	.00085	.00011	1.3985	.00389	.48445	.00054
11	Fe2714	.02313	.01827	135.75	1.2270	24.664	.01729
12	K_7664	84.769	.04008	45.237	.05070	24.839	.02110
13	Mg2790	204.65	.00919	41.008	.04125	24.964	.02050
14	Mn2576	.00115	.00062	4.4095	.03386	.50064	.00011
15	Mo2020	.00089	.00004	.98411	.00285	.49342	.00129
16	Na3302	H1567.5	-.02071	7.4255	.06987	24.717	-.09614
17	Ni2316	.00075	-.00043	1.0518	.00763	.49619	.00041
18	2203/1	-.00289	.00086	1.4398	.00407	.49322	.00061
19	2203/2	.00007	.00001	1.4624	.00766	.50350	-.00102
20	Sb2068	.00423	.00128	.58398	.00567	.49341	.00696
21	1960/1	.00246	.00708	.84578	.01453	.51530	.00800
22	1960/2	.00279	-.00063	.84552	.00115	.50319	-.00129
23	Ti3372	.00012	.00092	4.3271	.00615	.50748	.00063
24	Tl1908	.00145	-.00298	1.3929	-.00059	.50276	-.00117
25	V_2924	.00001	.00005	1.0430	.00036	.49008	.00000
26	Zn2062	.00137	.00647	2.3756	.01238	.49794	.00050
27	Sn1899	.00249	H.03649	.93552	.01334	.51014	.00288
28	Ag3280	-.00018	.00019	.71140	.00034	.49550	.00009
29	*Y	2843.18	3055.91	3353.7	3174.71	3070.54	3078.75
30	PB2203	-.00091	.00029	1.4549	.00646	.50008	-.00047
31	SE1960	.00268	.00193	.84560	.00561	.50722	.00180

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
1	Al3082	.20607	522.69	523.40	25.106	.02831	.08258
2	As1890	.00672	-.00618	.10834	.47971	-.00218	-.00210
3	B_2496	.02220	.00294	.02384	.49049	.00088	.01175
4	Ba4934	.00203	.00093	.52233	.49787	.00010	.00008
5	Be3130	.00207	.00098	.49432	.49468	.00010	-.00001
6	Ca3179	.49895	533.03	530.79	24.895	.03157	.20080
7	Cd2265	.00113	.00022	.97392	.48956	.00010	.00015
8	Co2286	.00452	.00102	.48645	.48744	.00050	.00030
9	Cr2677	.00451	-.00215	.50261	.51015	.00042	.00197
10	Cu3247	.00975	.00114	.51652	.48682	.00050	-.00009
11	Fe2714	.05543	197.44	97.855	24.626	.01463	.02601
12	K_7664	.47910	.02891	.01322	24.768	.02795	.02749
13	Mg2790	.21057	506.42	497.72	24.779	.02151	.02324
14	Mn2576	.00312	.00162	.49335	.50056	.00012	.00011
15	Mo2020	.01073	.00222	.00021	.49196	.00088	-.00003
16	Na3302	1.1015	-.05618	-.19823	24.948	-.12273	.08901
17	Ni2316	.01034	.00061	.96207	.49721	.00105	.00030
18	2203/1	.00481	.01038	.05566	.49362	-.00298	.00070

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
19	2203/2	.00363	.00191	.05252	.50154	.00184	-.00037
20	Sb2068	.02536	.00676	.61414	.49471	.00935	-.00028
21	1960/1	.02947	.01730	.05438	.50650	-.00058	.01379
22	1960/2	.01280	-.00048	.05053	.49780	.00529	-.00481
23	Ti3372	.00518	.00178	.00300	.50892	.00033	.00009
24	Tl1908	.01933	-.01717	.09366	.50645	-.00012	-.00475
25	V_2924	.00551	.00007	.50762	.48956	.00017	.00056
26	Zn2062	.01124	-.00551	.96244	.49682	.00033	.00175
27	Sn1899	.00829	.00444	.00347	.50759	.00189	.00412
28	Ag3280	.00341	.00111	.21319	.49605	.00008	.00105
29	*Y	3079.61	2893.01	2882.89	3049.12	3070.5	3103.05
30	PB2203	.00402	.00473	.05357	.49890	.00023	-.00001
31	SE1960	.01836	.00544	.05181	.50070	.00333	.00138

#	Element	AD8'6/FB	AD849692	AD854523	AD854524	AD854525	AD8'1:5)
1	Al3082	10.333	.04326	55.018	43.712	63.923	14.094
2	As1890	.20253	.00055	.03246	.03307	.21463	.04145
3	B_2496	.21139	.04817	.05001	.04672	.08704	.01957
4	Ba4934	.20734	.06948	.37218	.53619	.72986	.15577
5	Be3130	.20364	.00006	.00286	.00222	.00510	.00114
6	Ca3179	10.449	130.60	277.82	237.17	34.659	7.2885
7	Cd2265	.20381	-.00012	.00250	.00782	.00449	.00099
8	Co2286	.20351	.00040	.04146	.03077	.03476	.00763
9	Cr2677	.20549	-.00020	.11345	.13450	.11781	.02604
10	Cu3247	.20212	.00003	.20654	.25761	.17813	.03693
11	Fe2714	10.233	5.0344	92.935	96.381	79.927	17.147
12	K_7664	10.042	2.5869	7.1868	5.6871	6.4988	1.4214
13	Mg2790	10.261	65.960	159.03	112.28	15.905	3.4318
14	Mn2576	.20402	.15925	4.1088	4.7294	1.4852	.31373
15	Mo2020	.20262	.00458	.00370	.00645	.00981	.00277
16	Na3302	10.412	14.577	1.0085	.88669	.92177	.17600
17	Ni2316	.20451	.00049	.08110	.10656	.21565	.04576
18	2203/1	.20253	-.00066	.67736	1.6234	.66671	.14276
19	2203/2	.20856	-.00125	.67944	1.6533	.67585	.14319
20	Sb2068	.20317	.00789	.00127	.00847	.00565	.00726
21	1960/1	.21191	.01375	.00403	.01120	.02705	.01912
22	1960/2	.20323	-.00383	.00188	-.00111	.01390	.00089
23	Ti3372	.20238	.00019	1.6116	1.1728	1.7447	.41758
24	Tl1908	.21171	.00343	L-.01091	-.00853	-.00503	-.00351
25	V_2924	.20246	-.00035	.10908	.13688	.83137	.17604
26	Zn2062	.20334	.00162	.61089	1.5151	.60263	.12932
27	Sn1899	.20809	.00070	.01927	.03059	.02346	.00548
28	Ag3280	.05071	.00022	.00360	.03272	.00811	.00251
29	*Y	3088.73	3032.25	3160.84	3234.19	3242.18	3095.25
30	PB2203	.20655	-.00105	.67875	1.6434	.67280	.14305
31	SE1960	.20612	.00202	.00260	.00299	.01828	.00697

#	Element	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB	AD854528
1	Al3082	84.270	91.027	79.993	25.320	.02544	63.321
2	As1890	.57747	.54880	.50800	.48069	L-.00615	.04308
3	B_2496	.47367	.43448	.41878	.48863	.00071	.04298
4	Ba4934	1.1185	1.1513	1.0445	.50347	.00010	.59400
5	Be3130	.38256	.37508	.37354	.49522	.00018	.00335
6	Ca3179	52.652	62.928	56.702	24.968	.02298	29.390
7	Cd2265	.38140	.37335	.37244	.48732	.00010	.00275
8	Co2286	.40871	.41958	.40234	.48487	.00023	.03352
9	Cr2677	.49735	.52028	.47622	.51045	-.00004	.09410
10	Cu3247	.54807	.58937	.55076	.48733	.00011	.14648
11	Fe2714	96.385	114.64	98.200	24.567	.01665	86.670
12	K_7664	27.865	25.753	24.885	24.778	.02610	5.8584
13	Mg2790	34.704	37.943	36.182	24.849	.02407	16.316
14	Mn2576	1.8034	2.0150	1.8443	.49864	.00016	2.8805
15	Mo2020	.38820	.36889	.36960	.49292	.00147	.00575
16	Na3302	20.869	19.104	19.087	25.069	-.08152	.82713
17	Ni2316	.58422	.63468	.58062	.49601	.00039	.10760
18	2203/1	1.0103	1.1520	1.0340	.49179	.00197	.47132
19	2203/2	1.0299	1.1715	1.0598	.49847	-.00118	.47628
20	Sb2068	.35942	.17645	.18432	.49180	.00859	.00732
21	1960/1	.38783	.36801	.37156	.50382	.00897	.01082
22	1960/2	.39259	.36715	.36537	.50257	.00034	.00337
23	Ti3372	2.2420	2.0791	1.8415	.51175	H.00556	1.5625
24	Tl1908	.37739	.36901	.37239	.50016	-.00079	L-.01460
25	V_2924	1.1845	1.3317	1.1667	.49188	.00011	.27638
26	Zn2062	.95929	1.0875	.98438	.49347	.00042	.77830
27	Sn1899	.34198	.38878	.36992	.50424	.00187	.02164
28	Ag3280	.10301	.10560	.10283	.49600	.00060	.00360
29	*Y	3213.19	3190.99	3162.34	3003.86	3011.81	3235.24
30	PB2203	1.0234	1.1650	1.0512	.49624	-.00013	.47463
31	SE1960	.39100	.36743	.36743	.50298	.00322	.00585

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
1	Al3082	61.459	60.151	31.903	36.045	39.181	41.462
2	As1890	.04344	.06661	.10001	.23324	.03782	.03185
3	B_2496	.08630	.06927	.08047	.19853	.02105	.04056
4	Ba4934	6.2372	.73005	.94844	.61844	.22350	.44456
5	Be3130	.00328	.00357	.00369	.00581	.00192	.00217
6	Ca3179	H638.50	149.35	35.387	H1001.5	57.195	161.65
7	Cd2265	.02049	.00338	.00096	.00599	.00081	.00639
8	Co2286	.03827	.04715	.02834	.03183	.04508	.03047
9	Cr2677	.13516	.10559	.05324	.17935	.05813	.11366
10	Cu3247	.35744	.26470	.11366	.28217	.07768	.24969
11	Fe2714	120.82	117.28	67.969	122.04	105.07	95.341
12	K_7664	8.4467	9.6320	10.415	7.5455	5.5029	4.2089
13	Mg2790	137.74	65.078	16.595	468.43	36.542	91.321
14	Mn2576	2.9864	3.7092	.97755	2.3359	2.0351	2.1920
15	Mo2020	.00587	.00589	.00557	.02063	.00340	.00553
16	Na3302	1.5077	.93735	.69140	1.8495	.22684	.66068
17	Ni2316	.12150	.15218	.22632	.10968	.09857	.08449
18	2203/1	.83747	.79909	.29561	.97302	.30532	1.7199

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
19	2203/2	.84398	.81652	.29845	.97818	.30395	1.7588
20	Sb2068	.00384	.00595	.00754	.01050	.00494	.01099
21	1960/1	.01902	.01595	.01549	.03718	.01860	.00794
22	1960/2	.00278	.00563	.00911	.02721	-.00376	.00209
23	Ti3372	1.7495	1.5548	1.2083	1.4960	.54649	1.0818
24	Tl1908	L-.01137	L-.01319	-.00649	L-.01518	-.00942	-.00762
25	V_2924	.14329	.38424	.61360	.18683	.06809	.14430
26	Zn2062	4.0530	.91914	.27943	1.5460	.37849	1.3541
27	Sn1899	.04468	.03537	.02965	.03628	.03354	.03395
28	Ag3280	.00237	.00315	.00260	.00526	.00435	.03657
29	*Y	3176.06	3180.98	3111	3027.53	3134.7	3223.95
30	PB2203	.84181	.81071	.29750	.97646	.30441	1.7458
31	SE1960	.00819	.00907	.01124	.03054	.00369	.00404

#	Element	AD854538	AD8'1:5)	AD8'1:5)	CCV	CCB	AD8'LPSL
1	Al3082	44.483	13.365	7.4563	25.158	.02751	84.688
2	As1890	.04651	.00765	.04793	.47592	-.00010	1.1916
3	B_2496	.17461	.01928	.04228	.48782	.00115	1.2082
4	Ba4934	2.4591	1.3326	.12744	.50287	.00028	2.0654
5	Be3130	.00129	.00077	.00131	.49150	.00017	1.0494
6	Ca3179	220.14	131.40	189.39	24.855	.01974	86.771
7	Cd2265	.01171	.00449	.00122	.48741	.00020	.91393
8	Co2286	.04980	.00867	.00739	.48392	.00054	1.1959
9	Cr2677	2.4846	.03001	.03877	.50884	.00041	2.0757
10	Cu3247	2.3487	.07433	.05718	.48387	.00036	1.3810
11	Fe2714	413.68	26.655	26.256	24.533	.01667	143.85
12	K_7664	26.144	1.7151	1.3843	24.735	.01701	47.382
13	Mg2790	66.765	29.974	100.56	24.801	.02117	43.522
14	Mn2576	12.008	.65149	.49683	.49639	.00010	4.5220
15	Mo2020	.10245	.00260	.00361	.48932	.00158	1.0259
16	Na3302	12.297	.33251	.40210	24.954	-.12630	7.4741
17	Ni2316	.22198	.02728	.02500	.49240	.00047	1.0953
18	2203/1	.54746	.18505	.20430	.49148	-.00344	1.5336
19	2203/2	.50710	.18895	.21587	.50078	.00095	1.5675
20	Sb2068	.01847	.00541	.00551	.48717	.00747	.56517
21	1960/1	.03681	.00974	.01629	.49947	.00494	.87353
22	1960/2	.01880	-.00481	.00661	.50614	-.00531	.89003
23	Ti3372	4.5685	.39768	.31758	.51104	.00080	4.6784
24	Tl1908	L-.04993	.00152	.00333	.49220	-.00484	1.4445
25	V_2924	.14638	.03076	.03923	.49418	.00035	1.1097
26	Zn2062	4.9998	.91914	.34276	.49317	.00060	2.5517
27	Sn1899	.13960	.01121	.00851	.50043	-.00027	.97756
28	Ag3280	.05969	.00139	.00084	.49413	-.00005	.74807
29	*Y	3096.3	3052.65	3006.75	3010.43	3004.12	3221.74
30	PB2203	.52054	.18765	.21202	.49768	-.00051	1.5562
31	SE1960	.02480	.00004	.00984	.50391	-.00189	.88452

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8':10)	AD8':10)	AD8'1:5)
1	Al3082	.02634	.02772	.02440	.02723	.01417	.02675
2	As1890	-.00053	.00356	.01556	.00738	.00963	.01655
3	B_2496	.00851	.99495	1.8607	.83413	.94134	.47581
4	Ba4934	.00258	.07913	.08386	.04316	.06569	.30110
5	Be3130	.00016	-.00002	-.00003	-.00005	.00000	.00004
6	Ca3179	20.824	7.7866	24.075	6.2543	6.0431	19.017
7	Cd2265	.00012	.00004	.00006	.00009	.00000	.00001
8	Co2286	.02603	.00442	.00771	.00590	.00538	.00279
9	Cr2677	.00073	.00646	.00624	.01057	.00592	.00645
10	Cu3247	-.00003	-.00040	.00027	-.00009	-.00127	.00008
11	Fe2714	15.400	.51237	1.8261	.64246	.78451	1.7779
12	K_7664	.69745	44.435	58.411	51.074	46.279	21.638
13	Mg2790	10.176	10.018	19.239	8.1547	8.2155	11.662
14	Mn2576	4.1816	.02916	.05606	.01894	.01586	.05569
15	Mo2020	.00288	.00148	.00320	.00359	.00115	.00417
16	Na3302	1.0938	155.88	200.95	170.23	146.77	135.03
17	Ni2316	.02219	.02820	.03004	.03149	.03596	.00785
18	2203/1	-.00145	-.00061	-.00369	-.00316	.00406	-.00184
19	2203/2	.00136	.00208	.00295	.00063	-.00168	-.00046
20	Sb2068	.01134	.00146	.00424	.00361	.00574	.00549
21	1960/1	.00153	.00342	.00687	.00300	.01364	.01341
22	1960/2	-.00357	.00361	-.00061	.00014	-.00060	.00226
23	Ti3372	.00330	.00431	.00573	.01289	.00555	.00377
24	Tl1908	-.00477	-.00496	-.00162	-.00139	.00000	.00169
25	V_2924	.00070	.00165	.00389	.00658	.00329	.00160
26	Zn2062	.00570	.00281	.00119	.00324	.00102	.00612
27	Sn1899	.00421	.00225	.00528	.00344	.00221	.00348
28	Ag3280	.00082	-.00072	.00029	.00037	-.00035	.00053
29	*Y	3006.3	3046.09	3033.45	3046.69	3018.15	3018.64
30	PB2203	.00042	.00118	.00074	-.00062	.00022	-.00092
31	SE1960	-.00187	.00355	.00187	.00109	.00414	.00598

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
1	Al3082	.03321	.04849	.04416	25.355	.02248	.05641
2	As1890	.00575	.00887	.00425	.48354	-.00148	-.00181
3	B_2496	.79017	1.7565	2.4226	.49294	.00132	1.0413
4	Ba4934	.02354	.06919	.02944	.50918	.00014	.01279
5	Be3130	.00000	-.00010	-.00005	.49466	.00018	.00000
6	Ca3179	3.1383	8.4326	2.5684	25.100	.02045	11.478
7	Cd2265	.00012	-.00001	.00022	.48778	.00012	.00006
8	Co2286	.00452	.00668	.00586	.48498	-.00005	.00404
9	Cr2677	.00860	.01553	.01461	.50860	.00023	.01044
10	Cu3247	.00122	.00067	-.00067	.48844	-.00103	.00027
11	Fe2714	.18015	1.0009	.39415	24.512	.00804	2.4579
12	K_7664	36.712	45.193	30.948	24.820	.01771	42.335
13	Mg2790	5.4259	7.7455	3.5193	24.992	.02309	12.187
14	Mn2576	.00666	.04540	.01362	.49622	.00015	.11288
15	Mo2020	.00105	.01009	.00267	.49113	.00150	.00247
16	Na3302	106.33	168.34	110.41	24.891	-.10772	123.00
17	Ni2316	.02586	.02863	.02128	.49715	.00026	.04925
18	2203/1	-.00125	-.00056	.00278	.49399	.00249	.00093

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
19	2203/2	.00144	.00097	-.00295	.50621	.00020	.00024
20	Sb2068	.00644	.00608	.00570	.49645	.00681	.00383
21	1960/1	.00057	.00522	.01126	.50380	.01896	.00818
22	1960/2	-.00034	.00363	-.00281	.50448	-.00526	.00104
23	Ti3372	.00670	.01406	.01425	.52022	.00128	.00862
24	Tl1908	-.00192	-.00550	-.00150	.50346	-.00153	.00055
25	V_2924	.00277	.00538	.00501	.49713	.00012	.00295
26	Zn2062	.01058	.00735	.00850	.49513	.00025	.27936
27	Sn1899	.00495	.00610	.00653	.50344	.00196	.00381
28	Ag3280	.00024	.00012	.00080	.49326	.00062	.00036
29	*Y	3027.56	3079.24	3060.6	2984.85	3000.64	3041.89
30	PB2203	.00054	.00046	-.00104	.50214	.00096	.00047
31	SE1960	-.00004	.00416	.00187	.50424	.00280	.00342

#	Element	AD8'1/PB	AD8'/LFB	AD854098	AD854099	AD854100	AD854115
1	Al3082	.02922	10.557	.09569	.05407	.24092	.15009
2	As1890	-.00270	.20873	.00935	-.00026	.00150	.00415
3	B_2496	.00693	.21211	.89279	.26886	.17574	.11065
4	Ba4934	.00021	.21549	.08379	.42503	.10758	.02234
5	Be3130	.00012	.20533	.00032	.00014	.00014	.00034
6	Ca3179	.12452	10.481	448.10	201.21	225.07	495.68
7	Cd2265	.00014	.20627	-.00027	-.00002	.00010	-.00003
8	Co2286	.00031	.20569	.00768	.00164	.00400	.00047
9	Cr2677	.00003	.20902	.00644	.00048	.00459	.00059
10	Cu3247	-.00070	.20305	.01231	-.00039	.00534	-.00047
11	Fe2714	.00528	10.388	41.916	29.016	21.342	.28439
12	K_7664	.03614	10.349	15.270	11.037	7.8226	2.7241
13	Mg2790	.02819	10.450	135.76	59.620	59.389	126.63
14	Mn2576	.00017	.20728	4.9406	4.3120	1.5972	3.3059
15	Mo2020	-.00001	.20555	.00264	-.00025	.00202	.01767
16	Na3302	.28549	10.553	134.55	48.559	31.373	38.675
17	Ni2316	.00091	.20517	.05379	.00800	.01207	.03751
18	2203/1	.00183	.20705	.00397	-.00178	.00036	-.00032
19	2203/2	-.00038	.20935	-.00309	-.00036	-.00038	-.00233
20	Sb2068	.00408	.20154	.00627	.00611	.00639	.00352
21	1960/1	.00505	.21907	.01389	.01243	.00663	.01736
22	1960/2	.00381	.20386	-.00643	-.00658	-.00199	-.00194
23	Ti3372	.00052	.20776	.00367	.00079	.01145	.00345
24	Tl1908	-.00275	.21180	L-.01198	-.00731	-.00172	-.00112
25	V_2924	.00000	.20918	.00116	.00021	.00149	.00031
26	Zn2062	.00119	.20585	.08147	.01751	.08588	.00187
27	Sn1899	.00569	.21285	.00246	.00233	.00099	.00288
28	Ag3280	.00054	.05148	.00069	-.00058	-.00020	.00009
29	*Y	3033.9	3034.69	2932.31	2986.35	2985.83	2911.91
30	PB2203	.00035	.20859	-.00074	-.00083	-.00013	-.00166
31	SE1960	.00423	.20893	.00034	-.00024	.00088	.00449

#	Element	AD854116	AD854117	AD854118	CCV	CCB	AD854119
1	Al3082	.18968	.13727	.11848	25.318	.01845	.23908
2	As1890	-.00175	.12186	-.00087	.48582	-.00320	.00672
3	B_2496	.12902	.78899	.15653	.48911	.00234	2.5608
4	Ba4934	.02187	.00319	.04891	.50883	-.00002	.55379
5	Be3130	.00037	.00031	.00020	.49316	.00021	.00019
6	Ca3179	432.88	185.70	85.567	25.055	.01627	186.93
7	Cd2265	.00004	.00025	.00010	.48910	.00019	.00020
8	Co2286	.00066	.03436	.00066	.48528	.00057	.00281
9	Cr2677	.00145	.00470	.00093	.50955	-.00010	.01023
10	Cu3247	-.00005	.00310	-.00068	.48717	-.00103	-.00020
11	Fe2714	3.4574	.62583	.29329	24.536	.00345	1.5591
12	K_7664	5.9603	16.407	2.4742	24.943	.02431	58.201
13	Mg2790	235.65	291.21	57.563	24.920	.02103	136.22
14	Mn2576	.11424	7.8780	.00616	.49617	.00017	1.4772
15	Mo2020	.00433	.04553	.00030	.49242	.00065	.00085
16	Na3302	333.06	H1094.6	9.2011	25.036	-.02620	H1096.9
17	Ni2316	.00260	.11563	.00118	.49639	-.00006	.03499
18	2203/1	-.00320	-.00041	-.00445	.49137	.00144	-.00179
19	2203/2	-.00058	-.00279	.00342	.50812	-.00113	-.00332
20	Sb2068	.00599	.00675	.00052	.49643	.00369	.00889
21	1960/1	.00421	.01174	-.00065	.50366	.00660	.01672
22	1960/2	-.00266	.00194	.00263	.50661	-.00301	-.00203
23	Ti3372	.00507	.00314	.00189	.51981	.00042	.02393
24	Tl1908	-.00330	-.00793	.00085	.50903	.00068	-.00265
25	V_2924	.00020	.00190	.00023	.49979	.00053	.04420
26	Zn2062	.00299	.00324	.00226	.49517	.00026	.00758
27	Sn1899	-.00095	.00406	.00488	.49825	.00197	.00184
28	Ag3280	.00002	.00066	-.00016	.49378	.00019	-.00024
29	*Y	2870.25	2808.94	2983.5	2953.58	2956.88	2920.91
30	PB2203	-.00146	-.00199	.00080	.50254	-.00027	-.00281
31	SE1960	-.00037	.00521	.00153	.50562	.00019	.00422

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'100)	AD8'100)
1	Al3082	.03582	.01528	.02107	.06618	.01066	.00758
2	As1890	.00351	.00203	.00440	.00061	-.00125	-.00389
3	B_2496	.68117	1.0281	.82154	.70233	.00462	.00280
4	Ba4934	.08460	.14286	.04985	.15631	.00009	.00012
5	Be3130	.00007	.00004	.00011	.00015	.00012	.00014
6	Ca3179	125.82	40.964	98.972	53.200	.02331	.01746
7	Cd2265	-.00001	.00007	-.00004	.00011	.00015	.00010
8	Co2286	.00302	.00435	.00317	.00098	.00017	.00025
9	Cr2677	.00519	.00649	.00271	.00337	.00019	.00026
10	Cu3247	-.00011	-.00006	-.00047	-.00050	-.00112	-.00049
11	Fe2714	6.2809	2.3877	9.9080	.45650	.01640	.00623
12	K_7664	9.1637	8.4574	3.4682	13.678	.02714	.03443
13	Mg2790	42.620	20.814	29.472	39.034	.00920	.00365
14	Mn2576	.45188	.21883	.80990	.42216	.00021	.00018
15	Mo2020	.00056	.00026	-.00019	.00117	-.00136	.00006
16	Na3302	149.46	146.94	101.26	321.75	15.446	15.455
17	Ni2316	.04134	.03153	.03334	.01072	.00043	.00048
18	2203/1	-.00049	.00145	-.00189	-.00345	6.9309	6.4359

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'100)	AD8'100)
19	2203/2	-.00048	-.00033	-.00062	-.00056	7.1812	6.6589
20	Sb2068	.00449	.00575	.00579	.00675	.00772	.00624
21	1960/1	.00288	.01747	.00377	.00353	.00251	.00555
22	1960/2	-.00131	.00062	-.00258	-.00503	.00066	-.00027
23	Ti3372	.00352	.00448	.00094	.00716	.00048	.00040
24	Tl1908	-.00423	-.00240	-.00560	-.00058	-.00824	.00310
25	V_2924	.00190	.00289	.00103	.01271	.00000	.00048
26	Zn2062	.00340	.00217	.00535	.00195	.00052	.00044
27	Sn1899	.00295	.00195	.00462	.00250	.16002	.15137
28	Ag3280	-.00041	.00008	.00074	-.00007	.00070	.00069
29	*Y	2973.45	2982.19	2962.84	2928.45	2959.99	2949.19
30	PB2203	-.00049	.00026	-.00104	-.00152	7.0978	6.5847
31	SE1960	.00008	.00624	-.00046	-.00218	.00128	.00166

#	Element	AD8'500)	AD8'100)	AD8'100)	CCV	CCB	AD8'100)
1	Al3082	.00655	.00393	.00756	25.158	.02106	.00647
2	As1890	.00004	.99129	.00686	.47906	-.00352	.00586
3	B_2496	.00090	.00261	.00256	.48753	.00126	.00313
4	Ba4934	-.00003	1.0257	.01019	.50770	.00013	.01010
5	Be3130	.00016	.98411	.00977	.48876	.00022	.00957
6	Ca3179	.00726	.01349	.01292	24.884	.01550	.01067
7	Cd2265	.00002	1.0069	.00987	.48582	.00015	.00973
8	Co2286	.00008	.95307	.00955	.48244	.00057	.00911
9	Cr2677	.00059	.99895	.00953	.50637	.00052	.00986
10	Cu3247	-.00091	.93464	.00850	.48279	-.00090	.00836
11	Fe2714	.00577	.06606	.00566	24.372	.01505	.00058
12	K_7664	.03653	.02607	.01958	24.940	.02776	.03196
13	Mg2790	.00253	.00804	.00432	24.893	.02214	.00772
14	Mn2576	.00006	.99734	.00981	.49443	.00018	.00969
15	Mo2020	-.00089	.99698	.00805	.49028	.00252	.00689
16	Na3302	3.1298	15.108	14.924	24.979	-.05894	14.788
17	Ni2316	.00104	1.0059	.01022	.49212	.00013	.00976
18	2203/1	1.2797	7.4041	6.3239	.48778	-.00129	6.2135
19	2203/2	1.3296	7.6428	6.5902	.50296	.00255	6.4595
20	Sb2068	.00225	.97413	.01464	.50271	.00982	.01381
21	1960/1	.00859	1.0047	.02027	.49534	.00825	.02372
22	1960/2	.00444	1.0073	.00645	.50815	-.00437	.00437
23	Ti3372	.00018	.00028	.00075	.51999	.00074	.00041
24	Tl1908	-.00100	1.0379	.00632	.50420	-.00246	-.00021
25	V_2924	.00012	1.0139	.00985	.49791	.00042	.00962
26	Zn2062	.00017	1.0067	.01019	.49319	-.00009	.00964
27	Sn1899	.03022	.14971	.09762	.49739	.00211	.11495
28	Ag3280	-.00020	.98777	.00971	.49146	.00063	.00985
29	*Y	2943.94	2963.77	2964.41	2956.99	2953.39	2944.76
30	PB2203	1.3130	7.5633	6.5015	.49791	.00127	6.3776
31	SE1960	.00582	1.0064	.01105	.50387	-.00016	.01082

#	Element	AD8'100)	AD8'100)	AD8'1:5)	AD8'5/PB	AD8'4/FB	AD854423
1	Al3082	.00698	.00770	11.687	.05105	10.152	1.3811
2	As1890	-.00258	-.00069	.01205	-.00082	.19980	.00598
3	B_2496	.00230	.00218	.12408	.00664	.20133	.05690
4	Ba4934	.00020	.00007	.13483	-.00001	.20841	1.9509
5	Be3130	.00013	.00013	.00119	.00007	.19789	.00024
6	Ca3179	.00981	.01084	430.01	.08981	10.163	H613.07
7	Cd2265	.00007	.00001	L-.00279	.00008	.19858	.00014
8	Co2286	.00046	.00040	.01037	.00075	.19822	.00089
9	Cr2677	.00062	.00022	1.5889	.00075	.19990	.00416
10	Cu3247	.00127	-.00033	.10017	-.00087	.19651	.00075
11	Fe2714	.00902	.00297	298.59	.03952	9.9714	.24844
12	K_7664	.04526	.03169	.63497	.03041	9.9337	29.306
13	Mg2790	.00694	.00636	72.084	.00870	10.078	.08352
14	Mn2576	.00022	.00023	H45.148	H.00252	.19994	.00605
15	Mo2020	.00002	-.00019	.02344	.00056	.19711	.06279
16	Na3302	15.294	15.003	.56304	-.03619	10.315	95.467
17	Ni2316	.00150	.00282	.02431	.00079	.19730	.01676
18	2203/1	4.9921	5.2728	.09157	-.00247	.19683	-.00330
19	2203/2	5.1998	5.4697	.08841	-.00024	.20553	.00091
20	Sb2068	.00637	.00457	.00670	.00340	.20016	.00632
21	1960/1	.01351	.00515	.00307	.00726	.21566	.00598
22	1960/2	-.00421	-.00045	-.01678	-.00063	.20261	.00274
23	Ti3372	.00035	.00049	4.5986	H.00250	.20357	.00701
24	Tl1908	-.00659	.00047	L-.04778	-.00194	.20381	-.00056
25	V_2924	.00054	.00024	1.1641	.00041	.20229	.00632
26	Zn2062	.00053	.00035	.22110	.00199	.19990	.00642
27	Sn1899	.00191	.00238	.01215	.00032	.20455	.00208
28	Ag3280	.00093	.00028	.00096	.00010	.04997	-.00001
29	*Y	2935.61	2941.91	2910.79	2998.84	2986.91	2953.24
30	PB2203	5.1306	5.4041	.08947	-.00098	.20263	-.00049
31	SE1960	.00169	.00141	L-.01016	.00199	.20696	.00382

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
1	Al3082	1.2812	.25650	11.836	25.477	.02349	.08595
2	As1890	.01990	-.00001	.22149	.49185	-.00416	.04374
3	B_2496	.08816	.01783	.29230	.49246	.00050	.08799
4	Ba4934	.01759	.00329	.23324	.51555	.00009	.011
5	Be3130	-.00006	.00004	.20222	.49440	.00024	.31133
6	Ca3179	40.212	7.9660	49.679	25.192	.01786	.02199
7	Cd2265	.00015	-.00009	.20111	.48967	.00013	-.02436
8	Co2286	.00143	.00030	.20201	.48766	.00027	-.00389
9	Cr2677	.00115	.00004	.20264	.51042	-.00007	.00609
10	Cu3247	.00008	-.00162	.20386	.49018	-.00133	.02656
11	Fe2714	.07972	.01495	10.150	24.562	.01551	-.00084
12	K_7664	28.398	5.1294	39.054	25.109	.02153	-.12387
13	Mg2790	.14370	.03187	10.299	25.144	.01912	.03096
14	Mn2576	.00192	.00031	.20355	.49902	.00014	.00186
15	Mo2020	.14260	.02899	.34212	.49676	.00239	.00608
16	Na3302	229.55	45.491	235.67	25.362	-.06337	-.00186
17	Ni2316	.03659	.00694	.23507	.49741	.00014	-.0596
18	2203/1	.00023	.00029	.19969	.49043	.00015	.01759

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'5/MS
1	Al3082	.20203	521.89	520.15	24.950	.02003	11.117
2	As1890	.01059	.00089	.10724	.47888	.00227	.21944
3	B_2496	.02163	.00232	.02359	.48977	.00073	.27921
4	Ba4934	.00215	.00105	.52111	.49851	.00013	.21748
5	Be3130	.00196	.00094	.49195	.49089	.00012	.19364
6	Ca3179	.49502	534.32	530.28	24.718	.02124	48.514
7	Cd2265	.00114	-.00186	.97034	.48556	.00036	.19263
8	Co2286	.00371	.00052	.48551	.48310	.00071	.19500
9	Cr2677	.00355	-.00290	.50085	.50510	.00008	.19450
10	Cu3247	.00925	-.00014	.51401	.48400	.00032	.19771
11	Fe2714	.05398	195.06	97.089	24.357	.02182	9.7750
12	K_7664	.46916	.02129	.01369	24.665	.02143	37.763
13	Mg2790	.20999	503.03	496.42	24.584	.02153	9.8157
14	Mn2576	.00301	.00151	.49103	.49586	.00020	.19682
15	Mo2020	.01115	-.00171	.00127	.48920	.00126	.33160
16	Na3302	1.4269	.01021	.06243	24.817	-.06303	226.89
17	Ni2316	.00901	.00001	.95869	.49328	.00005	.22808
18	2203/1	.01013	.00231	.04974	.48617	-.00270	.18949
19	2203/2	.00130	.00430	.05620	.50057	.00161	.19853
20	Sb2068	.01899	-.00490	.65319	.50946	-.00107	.20351
21	1960/1	.02440	-.00821	.05057	.47645	-.00271	.15872
22	1960/2	.01064	-.00841	.05431	.51065	.00149	.17622
23	Ti3372	.00539	.00128	.00250	.50799	.00011	.19457
24	Tl1908	.01896	-.03869	.08357	.50394	.00454	.19901
25	V_2924	.00472	.00027	.50390	.48524	.00081	.20324
26	Zn2062	.01084	-.00610	.95898	.49261	-.00009	.20234
27	Sn1899	.01314	.00489	.00519	.49382	.00243	.20040
28	Ag3280	.00394	.00067	.21250	.49336	.00024	.05002
29	*Y	2963.93	2771.74	2770.01	2929.31	2939.33	3020.55
30	PB2203	.00424	.00364	.05404	.49577	.00017	.19552
31	SE1960	.01523	-.00835	.05307	.49925	.00008	.17038

#	Element	AD8'6/SD	AD854427	AD854428	AD854429	AD854430	AD854431
1	Al3082	11.275	1.4854	.23062	.34052	.04429	3.2318
2	As1890	.21847	.00324	.01946	.01347	.00079	.00877
3	B_2496	.28423	.01652	12.277	5.9199	.19304	.10298
4	Ba4934	.22082	.17455	1.6574	.72888	.04064	.13249
5	Be3130	.19771	-.00006	-.00007	-.00013	-.00009	.00220
6	Ca3179	49.592	225.06	543.03	367.57	12.178	61.068
7	Cd2265	.19634	-.00009	-.00048	.00010	.00006	.00107
8	Co2286	.19874	.00112	.01631	.00998	-.00008	.03612
9	Cr2677	.19902	.01377	.06571	.04569	.00031	-.00011
10	Cu3247	.20112	.02437	.00742	.00777	-.00009	.00888
11	Fe2714	9.9788	.05641	120.79	54.549	.02766	173.94
12	K_7664	37.977	19.418	249.98	170.17	.53298	3.5498
13	Mg2790	10.038	.02527	128.06	79.878	2.5205	18.461
14	Mn2576	.20062	.00087	11.414	6.4379	.00117	1.4500
15	Mo2020	.33637	.26789	.00427	.00592	.00016	.00403
16	Na3302	227.66	370.61	H663.71	H584.62	123.06	20.491
17	Ni2316	.23185	.02786	.18474	.13924	.00018	.04258
18	2203/1	.19853	.00378	.01020	.00476	.00187	.00547

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
19	2203/2	.00194	-.00220	.20520	.51273	.00000	.01065
20	Sb2068	.00527	.00561	.20659	.50493	.00760	.01581
21	1960/1	.01642	.00789	.20186	.50367	.00773	-.01639
22	1960/2	.00172	-.00700	.20754	.51535	.00097	.03253
23	Ti3372	.00205	.00050	.20858	.52682	.00045	.12484
24	Tl1908	-.00264	-.00287	.20354	.49802	-.00068	-.00966
25	V_2924	.01055	.00231	.21728	.50318	.00012	.0005
26	Zn2062	.01082	.00218	.21371	.49728	.00026	.00118
27	Sn1899	.00135	.00310	.17125	.50322	.00358	-.03197
28	Ag3280	.00024	.00041	.05102	.49638	.00023	-.00539
29	*Y	3026.89	2974.91	3034.91	2928.56	2950.28	2955.04
30	PB2203	.00137	-.00137	.20337	.50530	.00004	
31	SE1960	.00662	-.00204	.20564	.51145	.00322	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.45206	41.8688	84.2077	50.391	18.960	.00296
2	As1890	.49075	2.28708	4.53601	1.0074	.36239	-.00008
3	B_2496	1.54357	7.3494	14.6174	1.0068	.37122	-.00006
4	Ba4934	4.6891	23.4026	46.7878	1.0044	.37864	.00014
5	Be3130	8.17768	39.5105	78.2706	.99950	.37323	.00011
6	Ca3179			61.9277	50.504	18.793	.00634
7	Cd2265	11.3744	56.1252	111.848	.99558	.36978	.00020
8	Co2286	.6334	3.18037	6.35042	1.0000	.36786	-.00030
9	Cr2677	1.87496	9.36345	18.6876	1.0012	.38209	-.00012
10	Cu3247	.97071	4.77032	9.53791	1.0057	.36689	-.00015
11	Fe2714	1.82696	9.1283	18.2047	49.951	18.470	.00223
12	K_7664			70.8924	50.304	18.483	.01761
13	Mg2790			113.238	50.355	18.782	.00748
14	Mn2576	1.30395	6.51149	13.005	.99976	.37561	.00017
15	Mo2020	.93255	4.64204	9.32826	1.0052	.37331	.00140
16	Na3302			3.02275	50.051	18.779	.28796
17	Ni2316	5.0247	25.2157	50.1466	1.0009	.37659	-.00027
18	2203/1	1.28943	6.05503	12.118	.98422	.36501	.00187
19	2203/2	1.36736	6.97991	13.9157	1.0144	.38433	-.00243
20	Sb2068	.33272	1.68958	3.43319	1.0375	Q.39606	.00036
21	1960/1	.32357	1.54931	3.11726	.95330	.36435	.00271
22	1960/2	.56401	2.82071	5.66006	1.0381	.38920	-.00544
23	Ti3372	5.56606	27.1529	54.1084	1.0017	.38549	.00062
24	Tl1908	.23272	1.22353	2.49299	1.0194	.38154	-.00011
25	V_2924	.2944	1.46596	2.93361	1.0010	.36831	.00005
26	Zn2062	.19349	.95866	1.90004	.99850	.37502	-.00044
27	Sn1899	1.28566	6.27376	12.4448	.98838	.37856	.00309
28	Ag3280	1.64501	8.24807	16.5802	1.0016	.37152	.00055
29	*Y	2948.33	2932.2	2929.65	2937	2938.69	2929.27
30	PB2203				1.0044	.37790	-.00100
31	SE1960				1.0099	.38091	-.00272

#	Element	AD8'6/SD	AD854427	AD854428	AD854429	AD854430	AD854431
19	2203/2	.19941	-.00095	.00426	.00314	-.00071	.00090
20	Sb2068	.20288	-.00236	.00589	-.00019	-.00277	-.00134
21	1960/1	.18014	.00907	.00397	.00214	-.00239	.00981
22	1960/2	.17631	-.00063	-.01322	-.00255	.00042	-.01171
23	Ti3372	.19870	.00064	.03612	.03412	.00040	.01522
24	Tl1908	.20085	-.00060	L-.02400	L-.01022	-.00007	L-.02387
25	V_2924	.20701	.00573	.03749	.03307	.00034	.00193
26	Zn2062	.20857	.00987	1.5287	2.0086	.00308	.09150
27	Sn1899	.20635	.00367	.00745	.00895	.00211	.00705
28	Ag3280	.05086	.00082	.00060	.00069	.00034	.00034
29	*Y	3030.52	2949.83	2943.45	2981.4	2961.75	3251.18
30	PB2203	.19912	.00062	.00624	.00368	.00015	.00242
31	SE1960	.17759	.00260	-.00749	-.00099	-.00051	-.00453

#	Element	AD854432	AD854433	AD854434	CCV	CCB	AD854435
1	Al3082	.03403	.01949	.01786	24.882	-.00481	.02636
2	As1890	.00261	-.00087	-.00162	.47918	-.00013	-.00135
3	B_2496	.04532	.00729	.03384	.49144	.00106	.03748
4	Ba4934	.02946	.00014	.09623	.49776	.00007	.03089
5	Be3130	.00020	-.00010	-.00001	.48993	-.00001	-.00001
6	Ca3179	223.32	.08784	92.057	24.664	.00061	79.793
7	Cd2265	.00177	.00009	-.00019	.48596	.00000	.00033
8	Co2286	.06044	-.00033	-.00044	.48396	-.00010	-.00027
9	Cr2677	-.00037	-.00052	-.00044	.50451	-.00028	.00024
10	Cu3247	-.00001	-.00037	.00008	.48253	-.00061	.00252
11	Fe2714	17.678	.01004	4.8271	24.301	-.00148	.05636
12	K_7664	9.1234	.01529	1.3378	24.675	.01491	1.2487
13	Mg2790	52.064	.00968	50.028	24.697	.00330	38.675
14	Mn2576	.99935	.00010	.05467	.49432	.00000	.00800
15	Mo2020	.00068	-.00003	.00108	.49028	.00191	.00067
16	Na3302	12.916	.09591	20.041	24.575	.16136	9.0122
17	Ni2316	.10736	-.00030	.00042	.49304	-.00045	.00036
18	2203/1	.00153	.00381	.00305	.48567	.00408	.00236
19	2203/2	-.00193	-.00231	-.00135	.50005	-.00188	.00135
20	Sb2068	-.00655	-.00458	-.00235	.51186	-.00302	-.00300
21	1960/1	-.00482	.00614	.00441	.48331	-.00295	.00414
22	1960/2	-.00540	.00051	-.00503	.51482	.00127	-.00414
23	Ti3372	.00029	.00022	.00003	.50792	.00029	.00074
24	Tl1908	-.00022	-.00070	.00142	.50680	.00600	.00232
25	V_2924	-.00055	-.00034	-.00070	.48461	-.00005	-.00023
26	Zn2062	.19750	.00104	.01376	.49197	.00008	.26483
27	Sn1899	.00280	.00278	.00579	.49515	.00050	.00255
28	Ag3280	.00007	.00041	.00074	.49251	.00038	.00000
29	*Y	2972.21	2979.45	2963.44	2934.19	2950.99	2961.71
30	PB2203	-.00078	-.00026	.00011	.49526	.00010	.00169
31	SE1960	-.00520	.00239	-.00188	.50431	-.00013	-.00138

#	Element	AD854436	AD854437	AD854438	AD854439	AD854440	AD854441
1	Al3082	.03857	.03345	.16101	.10113	.12314	.70732
2	As1890	.00103	.00301	.00061	.00479	.00421	.00603
3	B_2496	.04765	.17931	.36492	3.5668	2.7841	6.9706
4	Ba4934	.03383	.03791	.56370	.34733	.45103	1.0743
5	Be3130	.00000	-.00004	.00001	-.00023	-.00021	.00008
6	Ca3179	81.629	69.151	245.54	64.734	149.87	181.44
7	Cd2265	.00028	.00090	.00007	.00000	.00032	.00012
8	Co2286	.00084	-.00019	.00127	.01032	.00912	.01127
9	Cr2677	.00039	.00029	.00419	.05930	.02493	.30753
10	Cu3247	.00763	.00938	.00436	.00882	.00216	.00639
11	Fe2714	.15614	2.3521	8.7649	21.481	7.5208	39.037
12	K_7664	1.3733	1.4734	29.047	197.63	169.23	H521.79
13	Mg2790	38.417	35.390	102.70	228.24	189.21	296.76
14	Mn2576	.03030	.03600	.58456	.07552	.30296	.16003
15	Mo2020	.00032	.00784	.00019	.00760	.00102	.00260
16	Na3302	8.2780	23.523	76.356	H1051.3	H723.18	H1232.8
17	Ni2316	.00081	.00055	.00890	.11249	.09732	.27670
18	2203/1	-.00032	.00464	.00011	.01217	.03169	.05238
19	2203/2	.00037	.00366	.00358	.00713	.03788	.04843
20	Sb2068	-.00463	-.00518	-.00180	-.00595	-.00079	.00911
21	1960/1	.00100	-.00403	-.00259	.00429	-.00030	.01096
22	1960/2	.00068	-.00516	-.00740	-.00400	-.00086	-.00523
23	Ti3372	.00008	-.00019	.00501	.00688	.01340	.01434
24	Tl1908	-.00524	-.00364	.00126	-.00303	-.00303	-.00335
25	V_2924	.00011	-.00008	.00296	.00191	.01006	.00458
26	Zn2062	.14480	1.1912	.01703	.10381	.03123	.21743
27	Sn1899	.00348	.00343	.00681	.01095	.01226	.02806
28	Ag3280	.00025	.00064	.00012	.00030	-.00071	.00076
29	*Y	2937.86	2970	2916.23	2902.01	2929.84	2742.04
30	PB2203	.00013	.00399	.00242	.00881	.03581	.04974
31	SE1960	.00079	-.00478	-.00579	-.00124	-.00067	.00016

#	Element	AD854442	AD854443	AD8'7/PB	CCV	CCB	AD8'6/FB
1	Al3082	1.7291	.19115	.02654	24.896	.00693	9.8547
2	As1890	.00489	.00349	-.00043	.47835	-.00115	.19375
3	B_2496	4.5797	1.7389	.01224	.49278	.00252	.19900
4	Ba4934	1.1843	.66728	.00009	.49782	.00013	.19990
5	Be3130	-.00003	-.00008	.00000	.48905	.00014	.19304
6	Ca3179	149.66	117.31	.06577	24.655	.00406	9.8080
7	Cd2265	.00086	-.00007	.00016	.48521	.00024	.19400
8	Co2286	.01041	.00671	.00036	.48391	.00014	.19403
9	Cr2677	.09484	.01638	.00179	.50349	.00023	.19457
10	Cu3247	.01287	.00105	-.00036	.48145	.00016	.19051
11	Fe2714	31.271	23.862	H.06746	24.231	.01129	9.7039
12	K_7664	259.96	98.895	.03265	24.810	-.00059	9.7532
13	Mg2790	293.58	166.95	.00731	24.604	.00432	9.7653
14	Mn2576	.21146	.08172	.00044	.49345	.00007	.19451
15	Mo2020	.00317	.00114	.00085	.48997	.00103	.19479
16	Na3302	H1007.4	340.06	.07577	24.697	.06528	10.075
17	Ni2316	.23849	.11642	.00010	.49120	-.00022	.19315
18	2203/1	.03324	.03758	-.00259	.48899	-.00473	.19088

#	Element	AD854442	AD854443	AD8'7/PB	CCV	CCB	AD8'6/FB
19	2203/2	.03137	.03286	-.00174	.49916	.00112	.19709
20	Sb2068	.00154	.00274	.00017	.50972	-.00169	.19470
21	1960/1	-.00243	.01300	.00303	.47897	-.00236	.19340
22	1960/2	-.00509	-.00688	-.00230	.50459	.00201	.19590
23	Ti3372	.05028	.00664	.00014	.50833	.00021	.19391
24	Tl1908	-.00918	.00154	.00568	.49932	.00010	.19583
25	V_2924	.00638	.00228	.00099	.48630	.00053	.19276
26	Zn2062	.65348	.04384	.00188	.49192	.00028	.19573
27	Sn1899	.01788	.01262	.00356	.48810	.00118	.19973
28	Ag3280	.00098	.00000	.00000	.49246	-.00001	.04918
29	*Y	2834.74	2898.49	2919.64	2866.58	2867.85	2916.23
30	PB2203	.03199	.03443	-.00202	.49577	-.00082	.19502
31	SE1960	-.00420	-.00025	-.00052	.49605	.00055	.19507

#	Element	AD854294	AD854295	AD854296	AD8'1:5)	AD8'6/PS	AD8'7/MS
1	Al3082	1.4419	1.1902	.35510	.07138	10.983	10.603
2	As1890	.00636	.01966	.00398	-.00017	.20607	.21211
3	B_2496	.06612	.08710	.05415	.00979	.26003	.25350
4	Ba4934	1.2844	.01506	2.9690	.58628	3.1383	3.2598
5	Be3130	.00004	-.00015	.00021	.00006	.19723	.19370
6	Ca3179	420.04	34.449	H762.96	138.99	H755.55	H790.19
7	Cd2265	.00005	-.00001	.00008	.00007	.19442	.19129
8	Co2286	.00022	.00079	.00127	-.00021	.19642	.19506
9	Cr2677	.00104	.00055	.00924	.00138	.20481	.20406
10	Cu3247	-.00029	.00110	.00217	-.00013	.20604	.20404
11	Fe2714	.06490	.07082	.45533	.09008	10.162	10.118
12	K_7664	31.276	27.804	54.126	9.4756	64.672	66.544
13	Mg2790	.02475	.04010	.13430	.02784	9.8763	9.7746
14	Mn2576	.00069	.00075	.01820	.00356	.21584	.21526
15	Mo2020	.06921	.13988	.22528	.04603	.41867	.42628
16	Na3302	120.63	215.97	338.60	66.612	344.05	356.18
17	Ni2316	.02148	.03257	.02672	.00490	.22120	.21751
18	2203/1	-.00058	.00099	.00033	.00067	.19144	.19315
19	2203/2	.00040	.00043	-.00158	-.00190	.19932	.19912
20	Sb2068	-.00077	-.00214	-.00005	-.00257	.20942	.20954
21	1960/1	.00180	.01097	.01116	.00318	.19974	.19992
22	1960/2	-.00104	.00004	.00041	-.00452	.21744	.20204
23	Ti3372	-.00035	.00066	.00257	.00060	.20596	.20175
24	Tl1908	.00367	.00253	.00276	.00317	.20755	.20622
25	V_2924	.00920	.00997	.00052	-.00002	.20087	.19752
26	Zn2062	.00242	.01025	.01000	.00182	.20123	.19859
27	Sn1899	.00176	.00329	.00164	.00445	.16169	.20211
28	Ag3280	-.00039	-.00026	.00017	.00032	.05187	.05196
29	*Y	2903.03	2950.28	2842.2	2869.84	2824.46	2817.26
30	PB2203	.00007	.00062	-.00094	-.00104	.19669	.19713
31	SE1960	-.00009	.00368	.00399	-.00195	.21154	.20133

#	Element	AD8'8/SD	AD854299	AD854300	CCV	CCB	AD854301
1	Al3082	10.363	.22030	.14139	25.038	.00261	.21877
2	As1890	.20905	.00686	.03384	.48280	-.00054	.00448
3	B_2496	.25032	.02999	.20561	.48714	.00073	.03992
4	Ba4934	3.2266	.01051	1.1082	.50293	.00006	.05131
5	Be3130	.19226	.00001	.00029	.49049	.00014	.00003
6	Ca3179	H784.83	19.217	H1076.6	24.728	.00678	45.178
7	Cd2265	.18986	-.00001	.00010	.48203	.00020	.00007
8	Co2286	.19359	.00033	.00423	.48139	-.00015	.00049
9	Cr2677	.20166	.00076	.01659	.50168	.00063	.00995
10	Cu3247	.20272	.00014	.00111	.48398	-.00039	.00135
11	Fe2714	10.030	.44986	.19671	24.095	.01079	.18189
12	K_7664	65.610	5.4018	66.360	24.745	.00045	29.293
13	Mg2790	9.7148	10.609	.14178	24.575	.00599	18.341
14	Mn2576	.21448	.01312	.00554	.49199	.00008	.01154
15	Mo2020	.42165	.13451	.11147	.48671	.00148	.07592
16	Na3302	353.18	172.21	H486.80	24.572	.14359	258.57
17	Ni2316	.21703	.01795	.02607	.49320	.00066	.01363
18	2203/1	.18947	.00499	.00127	.48463	.00024	-.00239
19	2203/2	.19748	-.00071	-.00166	.49907	-.00027	.00232
20	Sb2068	.20476	.00021	-.00452	.50929	-.00481	-.00294
21	1960/1	.20031	.00240	.00785	.47659	.00418	.00017
22	1960/2	.20051	-.00205	.00729	.51469	.00245	-.00754
23	Ti3372	.19967	.00377	.00210	.51106	.00041	.00254
24	Tl1908	.19693	.00522	-.00240	.50184	.00206	.00105
25	V_2924	.19558	.00263	.00026	.48227	.00053	.00273
26	Zn2062	.19957	.01439	.01051	.48946	.00019	.01405
27	Sn1899	.19612	.00241	.00260	.48814	.00377	.00363
28	Ag3280	.05101	.00084	-.00023	.49051	-.00014	-.00035
29	*Y	2834.74	2886.34	2811.15	2838.23	2876.21	2866.8
30	PB2203	.19481	.00118	-.00068	.49426	-.00010	.00075
31	SE1960	.20044	-.00056	.00748	.50198	.00302	-.00497

#	Element	AD854302	AD854303	AD854304	AD854305	AD854306	AD854307
1	Al3082	.61389	.83058	.09412	.94217	.73609	.37399
2	As1890	.00361	.00442	.00429	.00093	.02497	.01053
3	B_2496	.88802	.03090	.08180	.02464	.02824	.03400
4	Ba4934	.37505	.29961	.04991	.30741	.03790	.00824
5	Be3130	.00004	-.00001	.00006	.00010	-.00003	-.00003
6	Ca3179	343.64	89.645	137.27	417.11	18.223	10.064
7	Cd2265	.00021	.00003	.00025	-.00004	.00009	.00023
8	Co2286	.00090	-.00037	.00102	.00031	.00041	.00079
9	Cr2677	.00935	.00066	.01078	.00200	.00078	.00441
10	Cu3247	.00159	.00081	.00216	.00566	.00087	.00188
11	Fe2714	.13410	.07859	3.2577	.02237	.47317	.78185
12	K_7664	189.25	45.405	7.9232	21.145	19.542	20.012
13	Mg2790	.11201	.09968	41.633	.03042	.04884	.12044
14	Mn2576	.00342	.00288	.25282	.00050	.00545	.00805
15	Mo2020	.17063	.06467	.10374	.26458	.21453	.19957
16	Na3302	H662.86	278.46	217.19	351.09	295.67	272.48
17	Ni2316	.01545	.00770	.01163	.02389	.01205	.01420
18	2203/1	-.00587	.00565	.00010	.00544	.00731	.00671

#	Element	AD854302	AD854303	AD854304	AD854305	AD854306	AD854307
19	2203/2	.00276	-.00223	.00279	-.00501	.00611	.00630
20	Sb2068	-.00815	-.00473	-.00169	-.00531	-.00507	-.00399
21	1960/1	.00509	.00164	.00403	.00455	.00293	-.00007
22	1960/2	.00035	-.00799	-.00330	-.00659	-.00199	-.00717
23	Ti3372	.00111	.00091	.00178	.00038	.01020	.00848
24	Tl1908	.00145	-.00619	.00332	-.00370	-.00262	-.00298
25	V_2924	.00361	.00069	.00170	.00247	.01638	.00477
26	Zn2062	.00958	.00742	.00623	.00521	.01555	.03396
27	Sn1899	.00253	.00686	.00504	.00336	.00490	.00242
28	Ag3280	-.00022	.00022	.00052	.00028	.00078	.00057
29	*Y	2834.55	2887.8	2848.84	2843.55	2887.91	2901.49
30	PB2203	-.00011	.00039	.00190	-.00153	.00651	.00643
31	SE1960	.00193	-.00478	-.00085	-.00287	-.00035	-.00481

#	Element	AD854308	AD854309	AD854310	CCV	CCB	AD854311
1	Al3082	.56154	1.4042	.02917	25.064	.00349	.62023
2	As1890	.00927	.01142	-.00245	.47887	.00081	.00406
3	B_2496	.02969	.03369	.07620	.48693	.00056	.01680
4	Ba4934	.16673	.00598	.06051	.49868	.00017	.02513
5	Be3130	-.00002	-.00004	.00018	.49240	.00025	.00008
6	Ca3179	86.050	16.865	416.20	24.908	.02612	142.14
7	Cd2265	.00003	.00072	-.00017	.48810	.00013	-.00004
8	Co2286	.00043	.00054	.00040	.48566	.00022	.00113
9	Cr2677	.03836	.00619	.00007	.50332	-.00010	.00425
10	Cu3247	.00067	.00146	-.00017	.48212	-.00039	.00291
11	Fe2714	.33573	.71130	.04612	24.233	.01855	.83556
12	K_7664	24.452	19.962	3.2048	24.834	.01602	3.2146
13	Mg2790	.08715	.37264	57.072	24.862	.01069	44.195
14	Mn2576	.00366	.00788	.48411	.49347	.00011	1.2105
15	Mo2020	.23748	.14872	.00086	.49086	.00094	.05628
16	Na3302	260.59	193.56	151.73	25.080	.11934	181.85
17	Ni2316	.00718	.01884	-.00010	.49485	-.00002	.01815
18	2203/1	-.00115	.02008	.00198	.48866	-.00004	.00721
19	2203/2	.00158	.01946	-.00240	.50260	.00016	-.00153
20	Sb2068	-.00344	-.00336	-.00212	.51209	-.00518	-.00230
21	1960/1	.00578	.00105	.00224	.48637	.00719	.00802
22	1960/2	-.00401	-.00319	-.00256	.51216	-.00667	-.00756
23	Ti3372	.00028	.01270	.00039	.51175	.00024	.01531
24	Tl1908	.00363	-.00001	.00387	.50604	.00480	.00247
25	V_2924	.00537	.00324	-.00017	.48568	.00048	.00174
26	Zn2062	.01837	.05674	.00142	.49410	.00056	.00635
27	Sn1899	-.00123	.00281	.00444	.49151	.00359	.00376
28	Ag3280	-.00006	-.00047	.00053	.49146	.00014	.00105
29	*Y	2883.15	2921.7	2809.95	2858.66	2857.09	2882.59
30	PB2203	.00067	.01967	-.00094	.49796	.00009	.00137
31	SE1960	-.00074	-.00177	-.00096	.50356	-.00204	-.00237

#	Element	AD854312	AD854313	AD854314	AD854315	AD8'4/PB	AD8'3/FB
1	Al3082	.03066	.03004	.07001	.54755	.02488	10.054
2	As1890	.00331	.00254	-.00219	-.00013	-.00243	.19786
3	B_2496	.03121	.07096	.37790	.84944	.00541	.20073
4	Ba4934	.23916	.05721	.84824	.01380	.00013	.20337
5	Be3130	.00019	.00016	.00006	.00011	-.00002	.19839
6	Ca3179	367.25	395.34	47.763	208.93	.06979	10.050
7	Cd2265	.00008	-.00006	.00019	.00014	.00001	.19882
8	Co2286	.00235	.00040	.00027	.00230	.00031	.19866
9	Cr2677	.65707	.00027	.00016	.00123	.00011	.19813
10	Cu3247	.02046	-.00080	.00029	.00006	-.00061	.19526
11	Fe2714	.02669	.04863	.04995	.32894	.00318	9.8865
12	K_7664	14.572	3.0704	6.9155	17.349	.00429	9.9202
13	Mg2790	3.2457	54.673	11.670	155.37	.01404	9.9847
14	Mn2576	.00140	.46351	.01467	.12617	-.00001	.19787
15	Mo2020	.07543	.00143	-.00072	.00127	-.00081	.19905
16	Na3302	88.853	143.65	H842.91	H1249.3	.20662	10.453
17	Ni2316	.00102	.00000	.00042	.00566	-.00013	.19791
18	2203/1	.00182	.00288	.00003	.00081	.00101	.19371
19	2203/2	-.00088	-.00193	.00011	-.00074	-.00060	.20363
20	Sb2068	-.00240	.00120	-.00366	-.00285	-.00717	.19940
21	1960/1	.00100	-.00247	-.00447	.27753	.00214	.19842
22	1960/2	.00148	-.00364	.00204	.29366	.00036	.20559
23	Ti3372	.00103	.00082	.00106	.00875	.00001	.19761
24	Tl1908	.00188	.00129	-.00005	-.00280	-.00277	.20484
25	V_2924	.00054	.00018	.00055	.00169	.00028	.19604
26	Zn2062	.00438	.00149	.00244	.00685	.00337	.19643
27	Sn1899	.00221	.00626	.00393	.00421	.00180	.20038
28	Ag3280	.00103	.00106	.00040	.00057	.00050	.05094
29	*Y	2825.25	2835	2813.81	2726.18	2941.31	2923.05
30	PB2203	.00002	-.00033	.00008	-.00022	-.00006	.20033
31	SE1960	.00132	-.00325	-.00012	.28828	.00095	.20320

#	Element	AD854781	AD854782	AD854783	CCV	CCB	STD BLK
1	Al3082	.03973	.03898	.03508	25.003	.00546	.08483
2	As1890	.00318	.00317	.00839	.48005	.00252	.0252
3	B_2496	.00648	.03877	.09850	.49058	-.00005	.07443
4	Ba4934	.00004	.00042	.06657	.49891	.00008	.00744
5	Be3130	-.00002	-.00003	.00004	.48991	.00015	.31699
6	Ca3179	.06581	.49365	93.137	24.805	.00017	.02008
7	Cd2265	.00012	.00009	-.00007	.48734	.00008	-.01887
8	Co2286	-.00021	.00020	.00046	.48553	.00007	-.00415
9	Cr2677	.00009	.00021	-.00022	.50345	-.00013	-.00086
10	Cu3247	-.00053	.00049	.00616	.48123	-.00034	.01817
11	Fe2714	-.00009	.05355	1.3353	24.164	-.00077	.00086
12	K_7664	.01893	.30807	1.5886	24.962	.01998	-.07046
13	Mg2790	.00574	.20258	46.730	24.815	.00166	.0296
14	Mn2576	.00009	.00038	.01084	.49300	.00000	.00138
15	Mo2020	.00024	.00164	.00200	.49220	.00109	.00241
16	Na3302	.15231	239.96	18.879	25.047	.16825	.00537
17	Ni2316	-.00013	.00015	.00057	.49335	-.00043	-.09834
18	2203/1	-.00236	-.00261	-.00351	.48587	-.00226	.04239

#	Element	AD854781	AD854782	AD854783	CCV	CCB	STD BLK
19	2203/2	-.00169	-.00026	-.00099	.50361	-.00050	.01039
20	Sb2068	-.00363	-.00468	-.00295	.51331	-.00134	.00207
21	1960/1	.00229	-.00630	-.00083	.47758	.01016	-.04796
22	1960/2	.00050	-.00014	.00152	.51090	-.00420	.04604
23	Ti3372	.00042	-.00004	-.00021	.51174	.00045	.11339
24	Tl1908	-.00505	-.00112	-.00116	.49963	.00320	-.01343
25	V_2924	-.00029	.00017	-.00007	.48662	.00036	.0019
26	Zn2062	.00088	.00881	.00738	.49170	.00002	.00069
27	Sn1899	.00102	.00437	.00350	.48794	.00156	.04899
28	Ag3280	-.00030	.00030	.00028	.49248	.00071	-.00104
29	*Y	2936.89	2910.83	2907.98	2871.04	2821.91	2888.06
30	PB2203	-.00191	-.00104	-.00183	.49770	-.00109	
31	SE1960	.00110	-.00219	.00073	.49979	.00058	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.46865	41.871	84.5072	50.233	18.876	.00475
2	As1890	.49162	2.30079	4.55602	.98557	.36147	.00313
3	B_2496	1.53604	7.34092	14.7021	1.0031	.37193	.00152
4	Ba4934	4.71871	23.5339	47.2745	1.0036	.37627	.00014
5	Be3130	8.15699	39.4457	78.4391	.99386	.37185	.00007
6	Ca3179			62.4409	50.033	18.676	.00394
7	Cd2265	11.3843	56.3	112.357	.98991	.37128	.00003
8	Co2286	.63577	3.18977	6.36616	.99519	.36770	.00024
9	Cr2677	1.86898	9.31115	18.6033	.99639	.38319	.00037
10	Cu3247	.95383	4.74349	9.53458	1.0068	.36554	.00017
11	Fe2714	1.81092	9.03356	18.0292	49.742	18.524	.00089
12	K_7664			72.09	50.257	18.472	-.02255
13	Mg2790			113.464	50.003	18.841	.00687
14	Mn2576	1.29475	6.46843	12.9087	.99751	.37654	.00012
15	Mo2020	.93528	4.66869	9.34339	.99896	.37464	.00247
16	Na3302			3.05215	49.871	18.846	-.01856
17	Ni2316	5.02573	25.2046	50.5032	.99238	.37346	.00012
18	2203/1	1.27244	6.16796	12.1281	.98688	.37111	.00033
19	2203/2	1.43112	6.96185	14.1435	.99350	.37563	-.00290
20	Sb2068	.34598	1.70937	3.46608	1.0092	.39156	.00568
21	1960/1	.29121	1.56587	3.08222	.97168	.37245	.00771
22	1960/2	.55167	2.80744	5.80953	1.0403	.39277	-.00869
23	Ti3372	5.57563	27.4103	54.9503	1.0003	.38470	.00046
24	Tl1908	.22452	1.23216	2.49668	1.0276	.38230	.00288
25	V_2924	.29482	1.46477	2.93225	.99957	.36885	-.00035
26	Zn2062	.19308	.95442	1.89979	.98864	.37602	-.00018
27	Sn1899	1.24774	6.23826	12.4228	1.0113	.37694	-.00397
28	Ag3280	1.63052	8.24829	16.5112	1.0040	.37327	.00030
29	*Y	2884.73	2874.49	2864.51	2854.99	2887.5	2880.45
30	PB2203				.99130	.37413	-.00182
31	SE1960				1.0174	.38599	-.00322

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD854784
1	Al3082	.21472	518.31	522.08	24.846	.00271	.03647
2	As1890	.01053	.00115	.11064	.47505	.00337	.00511
3	B_2496	.02373	.00441	.02451	.49006	.00197	.16716
4	Ba4934	.00219	.00124	.52307	.49632	.00008	.03724
5	Be3130	.00203	.00098	.49436	.49065	.00006	-.00006
6	Ca3179	.49882	530.57	533.08	24.663	.02736	60.483
7	Cd2265	.00117	-.00226	.98141	.48758	.00007	.00000
8	Co2286	.00433	.00073	.48917	.48363	.00032	-.00023
9	Cr2677	.00495	-.00206	.50405	.50468	.00025	-.00009
10	Cu3247	.00941	.00042	.51723	.48307	-.00050	.00031
11	Fe2714	.05159	195.28	98.103	24.374	.00277	.68423
12	K_7664	.42218	-.00682	-.02602	24.549	-.00922	1.3933
13	Mg2790	.21362	502.96	499.46	24.637	.01015	34.359
14	Mn2576	.00311	.00165	.49541	.49583	.00014	.03189
15	Mo2020	.01191	.00137	.00192	.48969	.00283	.00768
16	Na3302	1.2082	.16782	-.09124	24.797	-.27994	19.659
17	Ni2316	.00992	.00076	.96225	.49346	-.00018	.00018
18	2203/1	.00373	.01138	.05422	.49034	.00256	-.00302
19	2203/2	.00460	.00540	.05566	.49189	-.00058	-.00039
20	Sb2068	.01794	.00227	.64611	.50118	.00392	.00379
21	1960/1	.02417	.02877	.05368	.47966	.00911	.01120
22	1960/2	.01095	-.01887	.05467	.52077	-.00415	-.00939
23	Ti3372	.00537	.00167	.00311	.50771	.00005	-.00002
24	Tl1908	.02238	-.03966	.09418	.50460	.00296	.00546
25	V_2924	.00544	.00063	.51009	.48574	-.00029	-.00030
26	Zn2062	.01122	-.00741	.96877	.49420	.00044	.02887
27	Sn1899	.00552	.00066	-.00194	.50352	-.00318	-.00553
28	Ag3280	.00375	.00112	.21432	.49321	.00039	-.00023
29	*Y	2890.27	2713.09	2710.95	2892.49	2889.3	2928.75
30	PB2203	.00431	.00739	.05518	.49137	.00046	-.00126
31	SE1960	.01536	-.00299	.05434	.50706	.00026	-.00252

#	Element	AD854785	AD854786	AD854787	AD854788	AD854789	AD8'1:5)
1	Al3082	.02887	.04132	.03305	.15029	.66882	.14603
2	As1890	.00976	.01027	.00827	.00892	.00554	.00379
3	B_2496	.11255	.26242	.14638	1.0943	.21338	.04272
4	Ba4934	.04127	.02468	.04052	.22252	.09825	.01958
5	Be3130	-.00007	-.00001	-.00006	-.00001	-.00003	-.00003
6	Ca3179	68.426	80.701	86.923	159.68	80.703	15.908
7	Cd2265	-.00003	.00009	-.00024	-.00026	-.00005	.00003
8	Co2286	.00015	.00037	.00007	.00019	.00071	.00009
9	Cr2677	.00029	.00050	.00018	.00000	.00161	.00065
10	Cu3247	.06446	.00395	.00342	.00300	.00068	.00015
11	Fe2714	1.6731	2.6162	3.6598	18.088	6.5166	1.3001
12	K_7664	1.4837	1.9627	1.8576	8.7263	13.818	2.5000
13	Mg2790	39.133	34.305	40.157	24.781	37.320	7.3923
14	Mn2576	.01122	.05859	.03431	.46878	.43598	.08645
15	Mo2020	.00373	.00647	.00650	.00175	.00206	.00017
16	Na3302	14.828	20.852	14.363	46.589	53.768	10.912
17	Ni2316	.00105	.00084	.00129	.00326	.00099	.00008
18	2203/1	-.00021	.00150	-.00145	.00157	.01537	.00339

#	Element	AD854785	AD854786	AD854787	AD854788	AD854789	AD8'1:5)
19	2203/2	.00036	.00112	-.00036	.00572	.01429	.00229
20	Sb2068	-.00185	.00206	-.00286	-.00241	.00416	-.00140
21	1960/1	.01520	.00337	.02057	.00918	.01438	.01448
22	1960/2	-.00931	-.00613	-.00356	-.00669	-.00989	-.00527
23	Ti3372	.00014	.00044	.00009	.00231	.02078	.00476
24	Tl1908	.00349	.00623	-.00036	.00267	.00431	.00003
25	V_2924	-.00037	-.00003	-.00075	.00007	.00071	-.00025
26	Zn2062	.01679	.05425	.03846	.12290	.00690	.00143
27	Sn1899	-.00279	-.00082	.00001	-.00501	-.00226	-.00199
28	Ag3280	.00000	.00021	.00041	-.00014	.00017	-.00032
29	*Y	2913.64	2900.85	2913.3	2908.31	2915.06	2898.9
30	PB2203	.00017	.00125	-.00073	.00434	.01465	.00266
31	SE1960	-.00114	-.00296	.00448	-.00140	-.00179	.00131

#	Element	AD8'9/PS	AD8'0/MS	AD8'1/SD	CCV	CCB	AD854792
1	Al3082	11.194	10.202	10.751	24.934	.00543	.02923
2	As1890	.20274	.20609	.20843	.47655	.00125	.00257
3	B_2496	.41702	.41256	.41009	.49383	.00046	.00588
4	Ba4934	.30779	.29882	.30173	.49675	.00012	.00011
5	Be3130	.20282	.19926	.19905	.49259	-.00001	-.00010
6	Ca3179	89.025	87.446	90.036	24.708	.00158	.08592
7	Cd2265	.20083	.19775	.19743	.49055	.00003	.00002
8	Co2286	.20033	.19771	.19851	.48645	-.00008	.00006
9	Cr2677	.20259	.19927	.20029	.50713	.00009	.00051
10	Cu3247	.20194	.19841	.20041	.48506	.00047	-.00002
11	Fe2714	16.438	15.853	16.650	24.506	-.00008	.00833
12	K_7664	24.433	24.119	24.075	24.580	-.04067	-.00862
13	Mg2790	46.618	45.922	47.204	24.874	.00251	.00667
14	Mn2576	.62758	.61052	.64291	.49781	.00000	.00008
15	Mo2020	.20281	.20168	.19958	.49253	.00243	-.00014
16	Na3302	63.224	64.345	63.990	24.550	.20205	-.08352
17	Ni2316	.20193	.19848	.19941	.49642	.00091	.00028
18	2203/1	.20600	.20044	.20672	.49173	-.00353	-.00614
19	2203/2	.21648	.19969	.21586	.49710	-.00049	.00062
20	Sb2068	.20102	.20473	.20710	.50669	.00386	.00139
21	1960/1	.19573	.20615	.19468	.49324	.00496	.01356
22	1960/2	.21666	.20053	.20892	.51794	-.00024	-.00706
23	Ti3372	.22500	.20442	.22252	.50893	.00055	-.00019
24	Tl1908	.21203	.20714	.20755	.50446	.00219	.00271
25	V_2924	.20305	.19870	.19952	.48733	.00000	-.00041
26	Zn2062	.20508	.19682	.19983	.49643	.00000	.00132
27	Sn1899	.16643	.20383	.20643	.50938	-.00272	-.00500
28	Ag3280	.05117	.05128	.05018	.49612	.00012	-.00011
29	*Y	2916.3	2917.58	2913	2896.31	2882.66	2945.85
30	PB2203	.21299	.19994	.21281	.49531	-.00150	-.00162
31	SE1960	.20968	.20240	.20417	.50970	.00149	-.00018

#	Element	AD854793	AD854794	AD854795	AD854796	AD854797	AD854798
1	Al3082	.03591	.04508	.19433	1.9293	4.2981	.04502
2	As1890	.00218	.01449	.02767	.04483	.09499	.00535
3	B_2496	.00623	.09958	1.4751	3.5330	7.9434	.03273
4	Ba4934	.00029	.36186	.28976	.99206	1.5119	.24129
5	Be3130	-.00009	-.00007	.00005	.00032	.00029	-.00017
6	Ca3179	.08630	143.60	493.94	H900.74	17.522	70.254
7	Cd2265	-.00007	-.00009	-.00013	-.00002	.00001	-.00018
8	Co2286	-.00023	.00060	.00601	.01934	.09281	.00007
9	Cr2677	.00055	.00099	.02066	.05828	.08910	.00032
10	Cu3247	.00013	.00121	.00457	.01676	.06889	.00083
11	Fe2714	.00271	7.7315	1.4904	27.909	24.600	.00966
12	K_7664	-.01819	21.142	35.045	175.85	C.00000	1.6728
13	Mg2790	.00552	80.395	194.33	293.46	22.832	29.247
14	Mn2576	.00011	3.1639	9.3563	11.119	.82993	.00225
15	Mo2020	-.00005	.01534	.00915	.00642	.01525	.00183
16	Na3302	.12272	259.98	113.43	H414.14	H1828.7	14.716
17	Ni2316	.00271	.01555	.02599	.10189	.60632	.00086
18	2203/1	-.00193	-.00108	.00189	.01762	.01192	-.00018
19	2203/2	-.00090	-.00326	-.00054	.01902	.00673	-.00211
20	Sb2068	.00304	.00150	.00764	.00946	.00473	.00038
21	1960/1	.01168	.01146	.00751	.00930	.01643	.01632
22	1960/2	-.00776	-.00152	-.00253	-.00955	-.00851	-.00526
23	Ti3372	.00027	.00086	.01296	.09911	.09908	.00083
24	Tl1908	.00387	-.00027	-.00116	-.00386	-.00244	.00556
25	V_2924	-.00041	.00123	.02149	.08697	.07285	.00004
26	Zn2062	.00177	.00419	.03064	.15342	.12172	.00316
27	Sn1899	-.00051	-.00347	.00135	.00168	.00587	-.00134
28	Ag3280	-.00049	-.00022	-.00030	.00005	.00026	.00068
29	*Y	2935.05	2918.7	2912.93	2885.89	2757.38	2960.36
30	PB2203	-.00124	-.00254	.00026	.01855	.00846	-.00147
31	SE1960	-.00127	.00280	.00081	-.00326	-.00019	.00193

#	Element	AD854799	AD854800	AD854801	CCV	CCB	AD854802
1	Al3082	.04302	.94119	.08972	25.027	.00659	.02671
2	As1890	.00494	.00762	.00077	.47892	.00218	.00505
3	B_2496	.11084	.02719	.04833	.49415	.00192	.00674
4	Ba4934	.12049	.14538	.05372	.50033	.00019	-.00001
5	Be3130	-.00008	-.00003	-.00003	.49344	-.00002	-.00010
6	Ca3179	88.373	77.194	109.00	24.729	.00406	.06775
7	Cd2265	.00004	-.00011	-.00008	.48858	-.00003	.00009
8	Co2286	.00019	.00045	.00033	.48376	-.00043	.00046
9	Cr2677	.00071	.00211	.00061	.50495	-.00009	.00072
10	Cu3247	.00010	.00014	.00050	.48704	-.00002	.00040
11	Fe2714	.01211	.84599	.04470	24.342	-.00295	.01304
12	K_7664	.91071	1.4803	1.2233	24.669	-.02139	-.01367
13	Mg2790	12.655	15.549	34.058	24.750	.00310	.00852
14	Mn2576	.00085	.02683	.00729	.49568	.00001	.00016
15	Mo2020	.00127	.00130	.00068	.49041	.00140	.00041
16	Na3302	14.051	12.499	36.715	24.723	.04114	.16628
17	Ni2316	.00078	.00128	.00076	.49640	.00081	.00077
18	2203/1	-.00348	.00264	-.00566	.49044	-.00095	-.00656

#	Element	AD854799	AD854800	AD854801	CCV	CCB	AD854802
19	2203/2	-.00185	-.00324	.00130	.49563	-.00088	.00260
20	Sb2068	.00187	.00299	-.00149	.50528	.00267	-.00099
21	1960/1	.01577	.01783	.00745	.49466	.01121	-.00143
22	1960/2	-.00493	-.00154	.00212	.52271	-.00594	.00240
23	Ti3372	.00026	.02817	.00252	.51149	.00052	-.00009
24	Tl1908	.00323	.00191	.00184	.50507	.00343	-.00202
25	V_2924	.00074	.00219	.00070	.48648	-.00082	.00004
26	Zn2062	.00266	.00402	.00431	.49372	-.00018	.00256
27	Sn1899	-.00234	-.00161	-.00495	.49953	-.00408	-.00727
28	Ag3280	-.00006	.00046	-.00038	.49526	-.00027	.00012
29	*Y	2937.41	2920.09	2904.94	2890.5	2903.03	2940.98
30	PB2203	-.00239	-.00128	-.00101	.49390	-.00090	-.00044
31	SE1960	.00196	.00491	.00390	.51336	-.00022	.00112

#	Element	CCV	CCB
1	Al3082	24.944	.00567
2	As1890	.47862	.00094
3	B_2496	.49399	.00199
4	Ba4934	.49844	.00021
5	Be3130	.49135	.00004
6	Ca3179	24.656	.00848
7	Cd2265	.48810	.00000
8	Co2286	.48357	.00021
9	Cr2677	.50400	.00005
10	Cu3247	.48432	-.00028
11	Fe2714	24.306	.00040
12	K_7664	24.644	-.01223
13	Mg2790	24.760	.00889
14	Mn2576	.49501	.00014
15	Mo2020	.48980	.00158
16	Na3302	24.561	.28066
17	Ni2316	.49428	.00042
18	2203/1	.48824	.00238
19	2203/2	.49244	-.00221
20	Sb2068	.50336	.00439
21	1960/1	.48839	.01723
22	1960/2	.51412	-.00631
23	Ti3372	.50993	.00061
24	Tl1908	.50337	.00467
25	V_2924	.48540	-.00047
26	Zn2062	.49352	-.00009
27	Sn1899	.49785	.00141
28	Ag3280	.49424	.00062
29	*Y	2898.04	2881.24
30	PB2203	.49104	-.00068
31	SE1960	.50554	.00153

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.07103	8.32909	41.577	83.5192	50.261	18.806
2	As1890	.04807	.49145	2.29124	4.51893	1.0030	.35938
3	B_2496	.07654	1.53164	7.38746	14.7336	1.0013	.37011
4	Ba4934	.01135	4.54482	22.839	45.7487	1.0028	.37478
5	Be3130	.29987	8.17195	39.8113	78.7772	.99546	.37060
6	Ca3179	.02432			61.4982	50.175	18.621
7	Cd2265	-.02336	11.3741	56.5258	112.229	.99171	.36933
8	Co2286	-.00567	.63357	3.19448	6.36337	.99620	.36604
9	Cr2677	.00048	1.87494	9.35096	18.6416	.99733	.38184
10	Cu3247	.03421	.96812	4.77465	9.53772	1.0073	.36461
11	Fe2714	-.00178	1.82694	9.15211	18.2322	49.856	18.476
12	K_7664	-.13217			69.975	50.294	18.533
13	Mg2790	.02886			112.913	50.170	18.763
14	Mn2576	.00081	1.30396	6.5308	13.0164	.99779	.37561
15	Mo2020	.00827	.93341	4.64279	9.30826	1.0033	.37563
16	Na3302	.00989			2.95205	50.044	18.661
17	Ni2316	-.08287	5.02239	25.4054	50.454	.99377	.37343
18	2203/1	.0352	1.28288	6.11775	12.1064	.98956	.37253
19	2203/2	-.00194	1.34758	6.95513	13.8442	1.0112	.37556
20	Sb2068	-.01451	.34257	1.68171	3.36782	.98273	.37408
21	1960/1	-.03763	.27649	1.52477	3.10987	1.0051	.38569
22	1960/2	.0167	.57195	2.83518	5.64319	1.0122	.38102
23	Ti3372	.10736	5.36505	26.5717	52.9507	1.0002	.38284
24	Tl1908	-.00319	.23548	1.25957	2.53507	1.0266	.37688
25	V_2924	.00048	.2867	1.43311	2.85741	.99814	.36754
26	Zn2062	.00016	.19313	.96156	1.90548	.99152	.37499
27	Sn1899	-.01815	1.24072	6.32818	12.5287	.99262	.37750
28	Ag3280	-.00291	1.64613	8.26799	16.5875	1.0015	.37263
29	*Y	3082.99	3083.29	3060.11	3063.79	3064.61	3084.53
30	PB2203					1.0040	.37455
31	SE1960					1.0098	.38257

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00503	.20518	522.42	523.94	25.110	.03506
2	As1890	-.00091	.01075	-.00451	.10511	.48042	.00159
3	B_2496	.00116	.02318	.00354	.02428	.49344	-.00013
4	Ba4934	.00021	.00201	.00084	.52455	.50163	.00012
5	Be3130	.00014	.00196	.00089	.49429	.49381	.00008
6	Ca3179	.00887	.49480	529.26	528.85	24.861	.03748
7	Cd2265	.00030	.00124	.00026	.97241	.48925	.00016
8	Co2286	.00030	.00439	.00099	.48615	.48674	.00012
9	Cr2677	.00019	.00475	-.00249	.50148	.50836	-.00015
10	Cu3247	.00012	.00995	.00099	.51886	.48800	.00028
11	Fe2714	.01105	.05806	196.11	97.575	24.563	.01373
12	K_7664	.02346	.46199	.03916	.03508	24.858	.00759
13	Mg2790	.01056	.20731	504.44	498.13	24.776	.03648
14	Mn2576	.00021	.00304	.00154	.49311	.49996	.00002
15	Mo2020	.00110	.01005	.00091	.00049	.49170	.00082
16	Na3302	-.02119	1.0102	-.23507	-.33226	24.724	-.09723
17	Ni2316	.00057	.01023	.00112	.96035	.49655	.00070
18	2203/1	-.00209	.00299	.00317	.05645	.48905	-.00088

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00162	.00439	.00644	.05662	.50317	-.00063
20	Sb2068	.00893	.02475	.00806	.61870	.49189	.00693
21	1960/1	.01514	.02883	.00505	.05725	.50213	.01468
22	1960/2	.00287	.01344	.00045	.05530	.49379	-.00229
23	Ti3372	.00025	.00493	.00130	.00264	.51094	.00034
24	Tl1908	-.00164	.02039	-.02621	.09024	.49788	-.00026
25	V_2924	.00000	.00550	.00032	.50670	.48911	.00000
26	Zn2062	.00058	.01149	-.00531	.96084	.49668	.00016
27	Sn1899	.00438	.01119	.00224	.00516	.50464	-.00109
28	Ag3280	.00018	.00350	.00052	.21343	.49527	.00009
29	*Y	3087.23	3083.33	2901.56	2897.44	3066.26	3083.4
30	PB2203	.00039	.00393	.00535	.05656	.49847	-.00071
31	SE1960	.00696	.01857	.00198	.05595	.49656	.00336

#	Element	AD8'LPSL	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)
1	Al3082	84.135	.07976	.01195	.01362	.02659	.01296
2	As1890	1.1920	.00165	-.00328	-.00116	.00028	-.00281
3	B_2496	1.2135	.61821	.66698	.67286	.71003	.65419
4	Ba4934	1.9694	.00314	.00607	.00632	.00222	.00147
5	Be3130	1.0322	.00011	.00009	.00008	.00010	.00010
6	Ca3179	87.135	57.881	64.585	62.757	61.886	58.608
7	Cd2265	.91252	.00016	.00000	.00013	.00006	.00029
8	Co2286	1.1842	.00050	.00066	.00031	-.00015	.00072
9	Cr2677	2.0433	.00048	-.00014	.00042	.00012	.00033
10	Cu3247	1.3783	-.00019	.00007	.00009	.00053	.00077
11	Fe2714	145.11	3.6602	.26676	.31875	-.00280	.05347
12	K_7664	47.419	67.778	74.284	70.501	80.270	74.129
13	Mg2790	42.636	167.41	180.48	169.46	195.08	181.09
14	Mn2576	4.5188	.04739	.01910	.01947	.00095	.00956
15	Mo2020	1.0131	.00187	.00056	.00142	.00178	.00149
16	Na3302	7.6550	H1305.8	H1408.1	H1344.3	H1498.2	H1401.4
17	Ni2316	1.0929	.00179	.00072	.00055	.00147	.00172
18	2203/1	1.4743	-.00224	-.00383	-.00045	.00291	-.00043
19	2203/2	1.4958	.00122	.00148	.00011	.00164	-.00099
20	Sb2068	.58741	.00721	.00328	.00409	.00085	.00617
21	1960/1	.88152	.01436	.00810	.00987	.01305	.01132
22	1960/2	.88179	.00109	-.00363	.00104	-.00354	.00179
23	Ti3372	4.7900	.00269	.00033	.00036	.00047	.00035
24	Tl1908	1.4387	.00162	-.00304	-.00569	-.00319	-.00012
25	V_2924	1.0922	-.00040	-.00041	.00000	-.00029	-.00035
26	Zn2062	2.4918	.00298	.00263	.00191	.00209	.00290
27	Sn1899	.94676	.00124	.00357	.00123	.00007	.00112
28	Ag3280	.72359	-.00032	-.00028	.00010	.00075	.00045
29	*Y	3270.3	2881.31	2867.78	2868.08	2857.58	2870.02
30	PB2203	1.4887	.00007	-.00028	-.00007	.00206	-.00080
31	SE1960	.88169	.00552	.00027	.00399	.00198	.00497

#	Element	AD8'1:5)	AD8'3/PB	AD8'LPSL	AD854535	CCV	CCB
1	Al3082	.02397	.00633	78.810	.02706	25.059	.01800
2	As1890	.00062	-.00230	1.1379	-.00107	.48087	.00075
3	B_2496	.72800	.00248	1.1648	.00209	.49195	-.00001
4	Ba4934	.00217	.00004	1.9062	.00715	.49678	.00005
5	Be3130	.00011	.00003	1.0113	-.00012	.49264	.00011
6	Ca3179	64.478	.04927	87.673	1.1275	24.835	.02062
7	Cd2265	.00013	.00012	.88459	.00006	.49077	.00012
8	Co2286	.00019	-.00034	1.1528	.00154	.48796	.00017
9	Cr2677	.00018	.00047	1.9855	.00088	.51066	-.00015
10	Cu3247	.00085	.00011	1.3985	.00389	.48445	.00054
11	Fe2714	.02313	.01827	135.75	1.2270	24.664	.01729
12	K_7664	84.769	.04008	45.237	.05070	24.839	.02110
13	Mg2790	204.65	.00919	41.008	.04125	24.964	.02050
14	Mn2576	.00115	.00062	4.4095	.03386	.50064	.00011
15	Mo2020	.00089	.00004	.98411	.00285	.49342	.00129
16	Na3302	H1567.5	-.02071	7.4255	.06987	24.717	-.09614
17	Ni2316	.00075	-.00043	1.0518	.00763	.49619	.00041
18	2203/1	-.00289	.00086	1.4398	.00407	.49322	.00061
19	2203/2	.00007	.00001	1.4624	.00766	.50350	-.00102
20	Sb2068	.00423	.00128	.58398	.00567	.49341	.00696
21	1960/1	.00246	.00708	.84578	.01453	.51530	.00800
22	1960/2	.00279	-.00063	.84552	.00115	.50319	-.00129
23	Ti3372	.00012	.00092	4.3271	.00615	.50748	.00063
24	Tl1908	.00145	-.00298	1.3929	-.00059	.50276	-.00117
25	V_2924	.00001	.00005	1.0430	.00036	.49008	.00000
26	Zn2062	.00137	.00647	2.3756	.01238	.49794	.00050
27	Sn1899	.00249	H.03649	.93552	.01334	.51014	.00288
28	Ag3280	-.00018	.00019	.71140	.00034	.49550	.00009
29	*Y	2843.18	3055.91	3353.7	3174.71	3070.54	3078.75
30	PB2203	-.00091	.00029	1.4549	.00646	.50008	-.00047
31	SE1960	.00268	.00193	.84560	.00561	.50722	.00180

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
1	Al3082	.20607	522.69	523.40	25.106	.02831	.08258
2	As1890	.00672	-.00618	.10834	.47971	-.00218	-.00210
3	B_2496	.02220	.00294	.02384	.49049	.00088	.01175
4	Ba4934	.00203	.00093	.52233	.49787	.00010	.00008
5	Be3130	.00207	.00098	.49432	.49468	.00010	-.00001
6	Ca3179	.49895	533.03	530.79	24.895	.03157	.20080
7	Cd2265	.00113	.00022	.97392	.48956	.00010	.00015
8	Co2286	.00452	.00102	.48645	.48744	.00050	.00030
9	Cr2677	.00451	-.00215	.50261	.51015	.00042	.00197
10	Cu3247	.00975	.00114	.51652	.48682	.00050	-.00009
11	Fe2714	.05543	197.44	97.855	24.626	.01463	.02601
12	K_7664	.47910	.02891	.01322	24.768	.02795	.02749
13	Mg2790	.21057	506.42	497.72	24.779	.02151	.02324
14	Mn2576	.00312	.00162	.49335	.50056	.00012	.00011
15	Mo2020	.01073	.00222	.00021	.49196	.00088	-.00003
16	Na3302	1.1015	-.05618	-.19823	24.948	-.12273	.08901
17	Ni2316	.01034	.00061	.96207	.49721	.00105	.00030
18	2203/1	.00481	.01038	.05566	.49362	-.00298	.00070

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
19	2203/2	.00363	.00191	.05252	.50154	.00184	-.00037
20	Sb2068	.02536	.00676	.61414	.49471	.00935	-.00028
21	1960/1	.02947	.01730	.05438	.50650	-.00058	.01379
22	1960/2	.01280	-.00048	.05053	.49780	.00529	-.00481
23	Ti3372	.00518	.00178	.00300	.50892	.00033	.00009
24	Tl1908	.01933	-.01717	.09366	.50645	-.00012	-.00475
25	V_2924	.00551	.00007	.50762	.48956	.00017	.00056
26	Zn2062	.01124	-.00551	.96244	.49682	.00033	.00175
27	Sn1899	.00829	.00444	.00347	.50759	.00189	.00412
28	Ag3280	.00341	.00111	.21319	.49605	.00008	.00105
29	*Y	3079.61	2893.01	2882.89	3049.12	3070.5	3103.05
30	PB2203	.00402	.00473	.05357	.49890	.00023	-.00001
31	SE1960	.01836	.00544	.05181	.50070	.00333	.00138

#	Element	AD8'6/FB	AD849692	AD854523	AD854524	AD854525	AD8'1:5)
1	Al3082	10.333	.04326	55.018	43.712	63.923	14.094
2	As1890	.20253	.00055	.03246	.03307	.21463	.04145
3	B_2496	.21139	.04817	.05001	.04672	.08704	.01957
4	Ba4934	.20734	.06948	.37218	.53619	.72986	.15577
5	Be3130	.20364	.00006	.00286	.00222	.00510	.00114
6	Ca3179	10.449	130.60	277.82	237.17	34.659	7.2885
7	Cd2265	.20381	-.00012	.00250	.00782	.00449	.00099
8	Co2286	.20351	.00040	.04146	.03077	.03476	.00763
9	Cr2677	.20549	-.00020	.11345	.13450	.11781	.02604
10	Cu3247	.20212	.00003	.20654	.25761	.17813	.03693
11	Fe2714	10.233	5.0344	92.935	96.381	79.927	17.147
12	K_7664	10.042	2.5869	7.1868	5.6871	6.4988	1.4214
13	Mg2790	10.261	65.960	159.03	112.28	15.905	3.4318
14	Mn2576	.20402	.15925	4.1088	4.7294	1.4852	.31373
15	Mo2020	.20262	.00458	.00370	.00645	.00981	.00277
16	Na3302	10.412	14.577	1.0085	.88669	.92177	.17600
17	Ni2316	.20451	.00049	.08110	.10656	.21565	.04576
18	2203/1	.20253	-.00066	.67736	1.6234	.66671	.14276
19	2203/2	.20856	-.00125	.67944	1.6533	.67585	.14319
20	Sb2068	.20317	.00789	.00127	.00847	.00565	.00726
21	1960/1	.21191	.01375	.00403	.01120	.02705	.01912
22	1960/2	.20323	-.00383	.00188	-.00111	.01390	.00089
23	Ti3372	.20238	.00019	1.6116	1.1728	1.7447	.41758
24	Tl1908	.21171	.00343	L-.01091	-.00853	-.00503	-.00351
25	V_2924	.20246	-.00035	.10908	.13688	.83137	.17604
26	Zn2062	.20334	.00162	.61089	1.5151	.60263	.12932
27	Sn1899	.20809	.00070	.01927	.03059	.02346	.00548
28	Ag3280	.05071	.00022	.00360	.03272	.00811	.00251
29	*Y	3088.73	3032.25	3160.84	3234.19	3242.18	3095.25
30	PB2203	.20655	-.00105	.67875	1.6434	.67280	.14305
31	SE1960	.20612	.00202	.00260	.00299	.01828	.00697

#	Element	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB	AD854528
1	Al3082	84.270	91.027	79.993	25.320	.02544	63.321
2	As1890	.57747	.54880	.50800	.48069	L-.00615	.04308
3	B_2496	.47367	.43448	.41878	.48863	.00071	.04298
4	Ba4934	1.1185	1.1513	1.0445	.50347	.00010	.59400
5	Be3130	.38256	.37508	.37354	.49522	.00018	.00335
6	Ca3179	52.652	62.928	56.702	24.968	.02298	29.390
7	Cd2265	.38140	.37335	.37244	.48732	.00010	.00275
8	Co2286	.40871	.41958	.40234	.48487	.00023	.03352
9	Cr2677	.49735	.52028	.47622	.51045	-.00004	.09410
10	Cu3247	.54807	.58937	.55076	.48733	.00011	.14648
11	Fe2714	96.385	114.64	98.200	24.567	.01665	86.670
12	K_7664	27.865	25.753	24.885	24.778	.02610	5.8584
13	Mg2790	34.704	37.943	36.182	24.849	.02407	16.316
14	Mn2576	1.8034	2.0150	1.8443	.49864	.00016	2.8805
15	Mo2020	.38820	.36889	.36960	.49292	.00147	.00575
16	Na3302	20.869	19.104	19.087	25.069	-.08152	.82713
17	Ni2316	.58422	.63468	.58062	.49601	.00039	.10760
18	2203/1	1.0103	1.1520	1.0340	.49179	.00197	.47132
19	2203/2	1.0299	1.1715	1.0598	.49847	-.00118	.47628
20	Sb2068	.35942	.17645	.18432	.49180	.00859	.00732
21	1960/1	.38783	.36801	.37156	.50382	.00897	.01082
22	1960/2	.39259	.36715	.36537	.50257	.00034	.00337
23	Ti3372	2.2420	2.0791	1.8415	.51175	H.00556	1.5625
24	Tl1908	.37739	.36901	.37239	.50016	-.00079	L-.01460
25	V_2924	1.1845	1.3317	1.1667	.49188	.00011	.27638
26	Zn2062	.95929	1.0875	.98438	.49347	.00042	.77830
27	Sn1899	.34198	.38878	.36992	.50424	.00187	.02164
28	Ag3280	.10301	.10560	.10283	.49600	.00060	.00360
29	*Y	3213.19	3190.99	3162.34	3003.86	3011.81	3235.24
30	PB2203	1.0234	1.1650	1.0512	.49624	-.00013	.47463
31	SE1960	.39100	.36743	.36743	.50298	.00322	.00585

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
1	Al3082	61.459	60.151	31.903	36.045	39.181	41.462
2	As1890	.04344	.06661	.10001	.23324	.03782	.03185
3	B_2496	.08630	.06927	.08047	.19853	.02105	.04056
4	Ba4934	6.2372	.73005	.94844	.61844	.22350	.44456
5	Be3130	.00328	.00357	.00369	.00581	.00192	.00217
6	Ca3179	H638.50	149.35	35.387	H1001.5	57.195	161.65
7	Cd2265	.02049	.00338	.00096	.00599	.00081	.00639
8	Co2286	.03827	.04715	.02834	.03183	.04508	.03047
9	Cr2677	.13516	.10559	.05324	.17935	.05813	.11366
10	Cu3247	.35744	.26470	.11366	.28217	.07768	.24969
11	Fe2714	120.82	117.28	67.969	122.04	105.07	95.341
12	K_7664	8.4467	9.6320	10.415	7.5455	5.5029	4.2089
13	Mg2790	137.74	65.078	16.595	468.43	36.542	91.321
14	Mn2576	2.9864	3.7092	.97755	2.3359	2.0351	2.1920
15	Mo2020	.00587	.00589	.00557	.02063	.00340	.00553
16	Na3302	1.5077	.93735	.69140	1.8495	.22684	.66068
17	Ni2316	.12150	.15218	.22632	.10968	.09857	.08449
18	2203/1	.83747	.79909	.29561	.97302	.30532	1.7199

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
19	2203/2	.84398	.81652	.29845	.97818	.30395	1.7588
20	Sb2068	.00384	.00595	.00754	.01050	.00494	.01099
21	1960/1	.01902	.01595	.01549	.03718	.01860	.00794
22	1960/2	.00278	.00563	.00911	.02721	-.00376	.00209
23	Ti3372	1.7495	1.5548	1.2083	1.4960	.54649	1.0818
24	Tl1908	L-.01137	L-.01319	-.00649	L-.01518	-.00942	-.00762
25	V_2924	.14329	.38424	.61360	.18683	.06809	.14430
26	Zn2062	4.0530	.91914	.27943	1.5460	.37849	1.3541
27	Sn1899	.04468	.03537	.02965	.03628	.03354	.03395
28	Ag3280	.00237	.00315	.00260	.00526	.00435	.03657
29	*Y	3176.06	3180.98	3111	3027.53	3134.7	3223.95
30	PB2203	.84181	.81071	.29750	.97646	.30441	1.7458
31	SE1960	.00819	.00907	.01124	.03054	.00369	.00404

#	Element	AD854538	AD8'1:5)	AD8'1:5)	CCV	CCB	AD8'LPSL
1	Al3082	44.483	13.365	7.4563	25.158	.02751	84.688
2	As1890	.04651	.00765	.04793	.47592	-.00010	1.1916
3	B_2496	.17461	.01928	.04228	.48782	.00115	1.2082
4	Ba4934	2.4591	1.3326	.12744	.50287	.00028	2.0654
5	Be3130	.00129	.00077	.00131	.49150	.00017	1.0494
6	Ca3179	220.14	131.40	189.39	24.855	.01974	86.771
7	Cd2265	.01171	.00449	.00122	.48741	.00020	.91393
8	Co2286	.04980	.00867	.00739	.48392	.00054	1.1959
9	Cr2677	2.4846	.03001	.03877	.50884	.00041	2.0757
10	Cu3247	2.3487	.07433	.05718	.48387	.00036	1.3810
11	Fe2714	413.68	26.655	26.256	24.533	.01667	143.85
12	K_7664	26.144	1.7151	1.3843	24.735	.01701	47.382
13	Mg2790	66.765	29.974	100.56	24.801	.02117	43.522
14	Mn2576	12.008	.65149	.49683	.49639	.00010	4.5220
15	Mo2020	.10245	.00260	.00361	.48932	.00158	1.0259
16	Na3302	12.297	.33251	.40210	24.954	-.12630	7.4741
17	Ni2316	.22198	.02728	.02500	.49240	.00047	1.0953
18	2203/1	.54746	.18505	.20430	.49148	-.00344	1.5336
19	2203/2	.50710	.18895	.21587	.50078	.00095	1.5675
20	Sb2068	.01847	.00541	.00551	.48717	.00747	.56517
21	1960/1	.03681	.00974	.01629	.49947	.00494	.87353
22	1960/2	.01880	-.00481	.00661	.50614	-.00531	.89003
23	Ti3372	4.5685	.39768	.31758	.51104	.00080	4.6784
24	Tl1908	L-.04993	.00152	.00333	.49220	-.00484	1.4445
25	V_2924	.14638	.03076	.03923	.49418	.00035	1.1097
26	Zn2062	4.9998	.91914	.34276	.49317	.00060	2.5517
27	Sn1899	.13960	.01121	.00851	.50043	-.00027	.97756
28	Ag3280	.05969	.00139	.00084	.49413	-.00005	.74807
29	*Y	3096.3	3052.65	3006.75	3010.43	3004.12	3221.74
30	PB2203	.52054	.18765	.21202	.49768	-.00051	1.5562
31	SE1960	.02480	.00004	.00984	.50391	-.00189	.88452

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8':10)	AD8':10)	AD8'1:5)
1	Al3082	.02634	.02772	.02440	.02723	.01417	.02675
2	As1890	-.00053	.00356	.01556	.00738	.00963	.01655
3	B_2496	.00851	.99495	1.8607	.83413	.94134	.47581
4	Ba4934	.00258	.07913	.08386	.04316	.06569	.30110
5	Be3130	.00016	-.00002	-.00003	-.00005	.00000	.00004
6	Ca3179	20.824	7.7866	24.075	6.2543	6.0431	19.017
7	Cd2265	.00012	.00004	.00006	.00009	.00000	.00001
8	Co2286	.02603	.00442	.00771	.00590	.00538	.00279
9	Cr2677	.00073	.00646	.00624	.01057	.00592	.00645
10	Cu3247	-.00003	-.00040	.00027	-.00009	-.00127	.00008
11	Fe2714	15.400	.51237	1.8261	.64246	.78451	1.7779
12	K_7664	.69745	44.435	58.411	51.074	46.279	21.638
13	Mg2790	10.176	10.018	19.239	8.1547	8.2155	11.662
14	Mn2576	4.1816	.02916	.05606	.01894	.01586	.05569
15	Mo2020	.00288	.00148	.00320	.00359	.00115	.00417
16	Na3302	1.0938	155.88	200.95	170.23	146.77	135.03
17	Ni2316	.02219	.02820	.03004	.03149	.03596	.00785
18	2203/1	-.00145	-.00061	-.00369	-.00316	.00406	-.00184
19	2203/2	.00136	.00208	.00295	.00063	-.00168	-.00046
20	Sb2068	.01134	.00146	.00424	.00361	.00574	.00549
21	1960/1	.00153	.00342	.00687	.00300	.01364	.01341
22	1960/2	-.00357	.00361	-.00061	.00014	-.00060	.00226
23	Ti3372	.00330	.00431	.00573	.01289	.00555	.00377
24	Tl1908	-.00477	-.00496	-.00162	-.00139	.00000	.00169
25	V_2924	.00070	.00165	.00389	.00658	.00329	.00160
26	Zn2062	.00570	.00281	.00119	.00324	.00102	.00612
27	Sn1899	.00421	.00225	.00528	.00344	.00221	.00348
28	Ag3280	.00082	-.00072	.00029	.00037	-.00035	.00053
29	*Y	3006.3	3046.09	3033.45	3046.69	3018.15	3018.64
30	PB2203	.00042	.00118	.00074	-.00062	.00022	-.00092
31	SE1960	-.00187	.00355	.00187	.00109	.00414	.00598

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
1	Al3082	.03321	.04849	.04416	25.355	.02248	.05641
2	As1890	.00575	.00887	.00425	.48354	-.00148	-.00181
3	B_2496	.79017	1.7565	2.4226	.49294	.00132	1.0413
4	Ba4934	.02354	.06919	.02944	.50918	.00014	.01279
5	Be3130	.00000	-.00010	-.00005	.49466	.00018	.00000
6	Ca3179	3.1383	8.4326	2.5684	25.100	.02045	11.478
7	Cd2265	.00012	-.00001	.00022	.48778	.00012	.00006
8	Co2286	.00452	.00668	.00586	.48498	-.00005	.00404
9	Cr2677	.00860	.01553	.01461	.50860	.00023	.01044
10	Cu3247	.00122	.00067	-.00067	.48844	-.00103	.00027
11	Fe2714	.18015	1.0009	.39415	24.512	.00804	2.4579
12	K_7664	36.712	45.193	30.948	24.820	.01771	42.335
13	Mg2790	5.4259	7.7455	3.5193	24.992	.02309	12.187
14	Mn2576	.00666	.04540	.01362	.49622	.00015	.11288
15	Mo2020	.00105	.01009	.00267	.49113	.00150	.00247
16	Na3302	106.33	168.34	110.41	24.891	-.10772	123.00
17	Ni2316	.02586	.02863	.02128	.49715	.00026	.04925
18	2203/1	-.00125	-.00056	.00278	.49399	.00249	.00093

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
19	2203/2	.00144	.00097	-.00295	.50621	.00020	.00024
20	Sb2068	.00644	.00608	.00570	.49645	.00681	.00383
21	1960/1	.00057	.00522	.01126	.50380	.01896	.00818
22	1960/2	-.00034	.00363	-.00281	.50448	-.00526	.00104
23	Ti3372	.00670	.01406	.01425	.52022	.00128	.00862
24	Tl1908	-.00192	-.00550	-.00150	.50346	-.00153	.00055
25	V_2924	.00277	.00538	.00501	.49713	.00012	.00295
26	Zn2062	.01058	.00735	.00850	.49513	.00025	.27936
27	Sn1899	.00495	.00610	.00653	.50344	.00196	.00381
28	Ag3280	.00024	.00012	.00080	.49326	.00062	.00036
29	*Y	3027.56	3079.24	3060.6	2984.85	3000.64	3041.89
30	PB2203	.00054	.00046	-.00104	.50214	.00096	.00047
31	SE1960	-.00004	.00416	.00187	.50424	.00280	.00342

#	Element	AD8'1/PB	AD8'/LFB	AD854098	AD854099	AD854100	AD854115
1	Al3082	.02922	10.557	.09569	.05407	.24092	.15009
2	As1890	-.00270	.20873	.00935	-.00026	.00150	.00415
3	B_2496	.00693	.21211	.89279	.26886	.17574	.11065
4	Ba4934	.00021	.21549	.08379	.42503	.10758	.02234
5	Be3130	.00012	.20533	.00032	.00014	.00014	.00034
6	Ca3179	.12452	10.481	448.10	201.21	225.07	495.68
7	Cd2265	.00014	.20627	-.00027	-.00002	.00010	-.00003
8	Co2286	.00031	.20569	.00768	.00164	.00400	.00047
9	Cr2677	.00003	.20902	.00644	.00048	.00459	.00059
10	Cu3247	-.00070	.20305	.01231	-.00039	.00534	-.00047
11	Fe2714	.00528	10.388	41.916	29.016	21.342	.28439
12	K_7664	.03614	10.349	15.270	11.037	7.8226	2.7241
13	Mg2790	.02819	10.450	135.76	59.620	59.389	126.63
14	Mn2576	.00017	.20728	4.9406	4.3120	1.5972	3.3059
15	Mo2020	-.00001	.20555	.00264	-.00025	.00202	.01767
16	Na3302	.28549	10.553	134.55	48.559	31.373	38.675
17	Ni2316	.00091	.20517	.05379	.00800	.01207	.03751
18	2203/1	.00183	.20705	.00397	-.00178	.00036	-.00032
19	2203/2	-.00038	.20935	-.00309	-.00036	-.00038	-.00233
20	Sb2068	.00408	.20154	.00627	.00611	.00639	.00352
21	1960/1	.00505	.21907	.01389	.01243	.00663	.01736
22	1960/2	.00381	.20386	-.00643	-.00658	-.00199	-.00194
23	Ti3372	.00052	.20776	.00367	.00079	.01145	.00345
24	Tl1908	-.00275	.21180	L-.01198	-.00731	-.00172	-.00112
25	V_2924	.00000	.20918	.00116	.00021	.00149	.00031
26	Zn2062	.00119	.20585	.08147	.01751	.08588	.00187
27	Sn1899	.00569	.21285	.00246	.00233	.00099	.00288
28	Ag3280	.00054	.05148	.00069	-.00058	-.00020	.00009
29	*Y	3033.9	3034.69	2932.31	2986.35	2985.83	2911.91
30	PB2203	.00035	.20859	-.00074	-.00083	-.00013	-.00166
31	SE1960	.00423	.20893	.00034	-.00024	.00088	.00449

#	Element	AD854116	AD854117	AD854118	CCV	CCB	AD854119
1	Al3082	.18968	.13727	.11848	25.318	.01845	.23908
2	As1890	-.00175	.12186	-.00087	.48582	-.00320	.00672
3	B_2496	.12902	.78899	.15653	.48911	.00234	2.5608
4	Ba4934	.02187	.00319	.04891	.50883	-.00002	.55379
5	Be3130	.00037	.00031	.00020	.49316	.00021	.00019
6	Ca3179	432.88	185.70	85.567	25.055	.01627	186.93
7	Cd2265	.00004	.00025	.00010	.48910	.00019	.00020
8	Co2286	.00066	.03436	.00066	.48528	.00057	.00281
9	Cr2677	.00145	.00470	.00093	.50955	-.00010	.01023
10	Cu3247	-.00005	.00310	-.00068	.48717	-.00103	-.00020
11	Fe2714	3.4574	.62583	.29329	24.536	.00345	1.5591
12	K_7664	5.9603	16.407	2.4742	24.943	.02431	58.201
13	Mg2790	235.65	291.21	57.563	24.920	.02103	136.22
14	Mn2576	.11424	7.8780	.00616	.49617	.00017	1.4772
15	Mo2020	.00433	.04553	.00030	.49242	.00065	.00085
16	Na3302	333.06	H1094.6	9.2011	25.036	-.02620	H1096.9
17	Ni2316	.00260	.11563	.00118	.49639	-.00006	.03499
18	2203/1	-.00320	-.00041	-.00445	.49137	.00144	-.00179
19	2203/2	-.00058	-.00279	.00342	.50812	-.00113	-.00332
20	Sb2068	.00599	.00675	.00052	.49643	.00369	.00889
21	1960/1	.00421	.01174	-.00065	.50366	.00660	.01672
22	1960/2	-.00266	.00194	.00263	.50661	-.00301	-.00203
23	Ti3372	.00507	.00314	.00189	.51981	.00042	.02393
24	Tl1908	-.00330	-.00793	.00085	.50903	.00068	-.00265
25	V_2924	.00020	.00190	.00023	.49979	.00053	.04420
26	Zn2062	.00299	.00324	.00226	.49517	.00026	.00758
27	Sn1899	-.00095	.00406	.00488	.49825	.00197	.00184
28	Ag3280	.00002	.00066	-.00016	.49378	.00019	-.00024
29	*Y	2870.25	2808.94	2983.5	2953.58	2956.88	2920.91
30	PB2203	-.00146	-.00199	.00080	.50254	-.00027	-.00281
31	SE1960	-.00037	.00521	.00153	.50562	.00019	.00422

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'100)	AD8'100)
1	Al3082	.03582	.01528	.02107	.06618	.01066	.00758
2	As1890	.00351	.00203	.00440	.00061	-.00125	-.00389
3	B_2496	.68117	1.0281	.82154	.70233	.00462	.00280
4	Ba4934	.08460	.14286	.04985	.15631	.00009	.00012
5	Be3130	.00007	.00004	.00011	.00015	.00012	.00014
6	Ca3179	125.82	40.964	98.972	53.200	.02331	.01746
7	Cd2265	-.00001	.00007	-.00004	.00011	.00015	.00010
8	Co2286	.00302	.00435	.00317	.00098	.00017	.00025
9	Cr2677	.00519	.00649	.00271	.00337	.00019	.00026
10	Cu3247	-.00011	-.00006	-.00047	-.00050	-.00112	-.00049
11	Fe2714	6.2809	2.3877	9.9080	.45650	.01640	.00623
12	K_7664	9.1637	8.4574	3.4682	13.678	.02714	.03443
13	Mg2790	42.620	20.814	29.472	39.034	.00920	.00365
14	Mn2576	.45188	.21883	.80990	.42216	.00021	.00018
15	Mo2020	.00056	.00026	-.00019	.00117	-.00136	.00006
16	Na3302	149.46	146.94	101.26	321.75	15.446	15.455
17	Ni2316	.04134	.03153	.03334	.01072	.00043	.00048
18	2203/1	-.00049	.00145	-.00189	-.00345	6.9309	6.4359

#	Element	AD8'100)	AD8'100)	AD8'1:5)	AD8'5/PB	AD8'4/FB	AD854423
1	Al3082	.00698	.00770	11.687	.05105	10.152	1.3811
2	As1890	-.00258	-.00069	.01205	-.00082	.19980	.00598
3	B_2496	.00230	.00218	.12408	.00664	.20133	.05690
4	Ba4934	.00020	.00007	.13483	-.00001	.20841	1.9509
5	Be3130	.00013	.00013	.00119	.00007	.19789	.00024
6	Ca3179	.00981	.01084	430.01	.08981	10.163	H613.07
7	Cd2265	.00007	.00001	L-.00279	.00008	.19858	.00014
8	Co2286	.00046	.00040	.01037	.00075	.19822	.00089
9	Cr2677	.00062	.00022	1.5889	.00075	.19990	.00416
10	Cu3247	.00127	-.00033	.10017	-.00087	.19651	.00075
11	Fe2714	.00902	.00297	298.59	.03952	9.9714	.24844
12	K_7664	.04526	.03169	.63497	.03041	9.9337	29.306
13	Mg2790	.00694	.00636	72.084	.00870	10.078	.08352
14	Mn2576	.00022	.00023	H45.148	H.00252	.19994	.00605
15	Mo2020	.00002	-.00019	.02344	.00056	.19711	.06279
16	Na3302	15.294	15.003	.56304	-.03619	10.315	95.467
17	Ni2316	.00150	.00282	.02431	.00079	.19730	.01676
18	2203/1	4.9921	5.2728	.09157	-.00247	.19683	-.00330
19	2203/2	5.1998	5.4697	.08841	-.00024	.20553	.00091
20	Sb2068	.00637	.00457	.00670	.00340	.20016	.00632
21	1960/1	.01351	.00515	.00307	.00726	.21566	.00598
22	1960/2	-.00421	-.00045	-.01678	-.00063	.20261	.00274
23	Ti3372	.00035	.00049	4.5986	H.00250	.20357	.00701
24	Tl1908	-.00659	.00047	L-.04778	-.00194	.20381	-.00056
25	V_2924	.00054	.00024	1.1641	.00041	.20229	.00632
26	Zn2062	.00053	.00035	.22110	.00199	.19990	.00642
27	Sn1899	.00191	.00238	.01215	.00032	.20455	.00208
28	Ag3280	.00093	.00028	.00096	.00010	.04997	-.00001
29	*Y	2935.61	2941.91	2910.79	2998.84	2986.91	2953.24
30	PB2203	5.1306	5.4041	.08947	-.00098	.20263	-.00049
31	SE1960	.00169	.00141	L-.01016	.00199	.20696	.00382

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
1	Al3082	1.2812	.25650	11.836	25.477	.02349	.08595
2	As1890	.01990	-.00001	.22149	.49185	-.00416	.04374
3	B_2496	.08816	.01783	.29230	.49246	.00050	.08799
4	Ba4934	.01759	.00329	.23324	.51555	.00009	.011
5	Be3130	-.00006	.00004	.20222	.49440	.00024	.31133
6	Ca3179	40.212	7.9660	49.679	25.192	.01786	.02199
7	Cd2265	.00015	-.00009	.20111	.48967	.00013	-.02436
8	Co2286	.00143	.00030	.20201	.48766	.00027	-.00389
9	Cr2677	.00115	.00004	.20264	.51042	-.00007	.00609
10	Cu3247	.00008	-.00162	.20386	.49018	-.00133	.02656
11	Fe2714	.07972	.01495	10.150	24.562	.01551	-.00084
12	K_7664	28.398	5.1294	39.054	25.109	.02153	-.12387
13	Mg2790	.14370	.03187	10.299	25.144	.01912	.03096
14	Mn2576	.00192	.00031	.20355	.49902	.00014	.00186
15	Mo2020	.14260	.02899	.34212	.49676	.00239	.00608
16	Na3302	229.55	45.491	235.67	25.362	-.06337	-.00186
17	Ni2316	.03659	.00694	.23507	.49741	.00014	-.0596
18	2203/1	.00023	.00029	.19969	.49043	.00015	.01759

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Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 08/19/08 10:05:21
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.56437	257.9402	45.50809	4.660196
SDev	.51666	.6064	.25006	.014676
%RSD	.5968503	.2351087	.5494779	.3149124
#1	86.19904	257.5114	45.33128	4.649819
#2	86.92970	258.3690	45.68491	4.670573
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0171856	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'5/MS
1	Al3082	.20203	521.89	520.15	24.950	.02003	11.117
2	As1890	.01059	.00089	.10724	.47888	.00227	.21944
3	B_2496	.02163	.00232	.02359	.48977	.00073	.27921
4	Ba4934	.00215	.00105	.52111	.49851	.00013	.21748
5	Be3130	.00196	.00094	.49195	.49089	.00012	.19364
6	Ca3179	.49502	534.32	530.28	24.718	.02124	48.514
7	Cd2265	.00114	-.00186	.97034	.48556	.00036	.19263
8	Co2286	.00371	.00052	.48551	.48310	.00071	.19500
9	Cr2677	.00355	-.00290	.50085	.50510	.00008	.19450
10	Cu3247	.00925	-.00014	.51401	.48400	.00032	.19771
11	Fe2714	.05398	195.06	97.089	24.357	.02182	9.7750
12	K_7664	.46916	.02129	.01369	24.665	.02143	37.763
13	Mg2790	.20999	503.03	496.42	24.584	.02153	9.8157
14	Mn2576	.00301	.00151	.49103	.49586	.00020	.19682
15	Mo2020	.01115	-.00171	.00127	.48920	.00126	.33160
16	Na3302	1.4269	.01021	.06243	24.817	-.06303	226.89
17	Ni2316	.00901	.00001	.95869	.49328	.00005	.22808
18	2203/1	.01013	.00231	.04974	.48617	-.00270	.18949
19	2203/2	.00130	.00430	.05620	.50057	.00161	.19853
20	Sb2068	.01899	-.00490	.65319	.50946	-.00107	.20351
21	1960/1	.02440	-.00821	.05057	.47645	-.00271	.15872
22	1960/2	.01064	-.00841	.05431	.51065	.00149	.17622
23	Ti3372	.00539	.00128	.00250	.50799	.00011	.19457
24	Tl1908	.01896	-.03869	.08357	.50394	.00454	.19901
25	V_2924	.00472	.00027	.50390	.48524	.00081	.20324
26	Zn2062	.01084	-.00610	.95898	.49261	-.00009	.20234
27	Sn1899	.01314	.00489	.00519	.49382	.00243	.20040
28	Ag3280	.00394	.00067	.21250	.49336	.00024	.05002
29	*Y	2963.93	2771.74	2770.01	2929.31	2939.33	3020.55
30	PB2203	.00424	.00364	.05404	.49577	.00017	.19552
31	SE1960	.01523	-.00835	.05307	.49925	.00008	.17038

#	Element	AD8'6/SD	AD854427	AD854428	AD854429	AD854430	AD854431
1	Al3082	11.275	1.4854	.23062	.34052	.04429	3.2318
2	As1890	.21847	.00324	.01946	.01347	.00079	.00877
3	B_2496	.28423	.01652	12.277	5.9199	.19304	.10298
4	Ba4934	.22082	.17455	1.6574	.72888	.04064	.13249
5	Be3130	.19771	-.00006	-.00007	-.00013	-.00009	.00220
6	Ca3179	49.592	225.06	543.03	367.57	12.178	61.068
7	Cd2265	.19634	-.00009	-.00048	.00010	.00006	.00107
8	Co2286	.19874	.00112	.01631	.00998	-.00008	.03612
9	Cr2677	.19902	.01377	.06571	.04569	.00031	-.00011
10	Cu3247	.20112	.02437	.00742	.00777	-.00009	.00888
11	Fe2714	9.9788	.05641	120.79	54.549	.02766	173.94
12	K_7664	37.977	19.418	249.98	170.17	.53298	3.5498
13	Mg2790	10.038	.02527	128.06	79.878	2.5205	18.461
14	Mn2576	.20062	.00087	11.414	6.4379	.00117	1.4500
15	Mo2020	.33637	.26789	.00427	.00592	.00016	.00403
16	Na3302	227.66	370.61	H663.71	H584.62	123.06	20.491
17	Ni2316	.23185	.02786	.18474	.13924	.00018	.04258
18	2203/1	.19853	.00378	.01020	.00476	.00187	.00547

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
19	2203/2	.00194	-.00220	.20520	.51273	.00000	.01065
20	Sb2068	.00527	.00561	.20659	.50493	.00760	.01581
21	1960/1	.01642	.00789	.20186	.50367	.00773	-.01639
22	1960/2	.00172	-.00700	.20754	.51535	.00097	.03253
23	Ti3372	.00205	.00050	.20858	.52682	.00045	.12484
24	Tl1908	-.00264	-.00287	.20354	.49802	-.00068	-.00966
25	V_2924	.01055	.00231	.21728	.50318	.00012	.0005
26	Zn2062	.01082	.00218	.21371	.49728	.00026	.00118
27	Sn1899	.00135	.00310	.17125	.50322	.00358	-.03197
28	Ag3280	.00024	.00041	.05102	.49638	.00023	-.00539
29	*Y	3026.89	2974.91	3034.91	2928.56	2950.28	2955.04
30	PB2203	.00137	-.00137	.20337	.50530	.00004	
31	SE1960	.00662	-.00204	.20564	.51145	.00322	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.45206	41.8688	84.2077	50.391	18.960	.00296
2	As1890	.49075	2.28708	4.53601	1.0074	.36239	-.00008
3	B_2496	1.54357	7.3494	14.6174	1.0068	.37122	-.00006
4	Ba4934	4.6891	23.4026	46.7878	1.0044	.37864	.00014
5	Be3130	8.17768	39.5105	78.2706	.99950	.37323	.00011
6	Ca3179			61.9277	50.504	18.793	.00634
7	Cd2265	11.3744	56.1252	111.848	.99558	.36978	.00020
8	Co2286	.6334	3.18037	6.35042	1.0000	.36786	-.00030
9	Cr2677	1.87496	9.36345	18.6876	1.0012	.38209	-.00012
10	Cu3247	.97071	4.77032	9.53791	1.0057	.36689	-.00015
11	Fe2714	1.82696	9.1283	18.2047	49.951	18.470	.00223
12	K_7664			70.8924	50.304	18.483	.01761
13	Mg2790			113.238	50.355	18.782	.00748
14	Mn2576	1.30395	6.51149	13.005	.99976	.37561	.00017
15	Mo2020	.93255	4.64204	9.32826	1.0052	.37331	.00140
16	Na3302			3.02275	50.051	18.779	.28796
17	Ni2316	5.0247	25.2157	50.1466	1.0009	.37659	-.00027
18	2203/1	1.28943	6.05503	12.118	.98422	.36501	.00187
19	2203/2	1.36736	6.97991	13.9157	1.0144	.38433	-.00243
20	Sb2068	.33272	1.68958	3.43319	1.0375	Q.39606	.00036
21	1960/1	.32357	1.54931	3.11726	.95330	.36435	.00271
22	1960/2	.56401	2.82071	5.66006	1.0381	.38920	-.00544
23	Ti3372	5.56606	27.1529	54.1084	1.0017	.38549	.00062
24	Tl1908	.23272	1.22353	2.49299	1.0194	.38154	-.00011
25	V_2924	.2944	1.46596	2.93361	1.0010	.36831	.00005
26	Zn2062	.19349	.95866	1.90004	.99850	.37502	-.00044
27	Sn1899	1.28566	6.27376	12.4448	.98838	.37856	.00309
28	Ag3280	1.64501	8.24807	16.5802	1.0016	.37152	.00055
29	*Y	2948.33	2932.2	2929.65	2937	2938.69	2929.27
30	PB2203				1.0044	.37790	-.00100
31	SE1960				1.0099	.38091	-.00272

#	Element	AD8'6/SD	AD854427	AD854428	AD854429	AD854430	AD854431
19	2203/2	.19941	-.00095	.00426	.00314	-.00071	.00090
20	Sb2068	.20288	-.00236	.00589	-.00019	-.00277	-.00134
21	1960/1	.18014	.00907	.00397	.00214	-.00239	.00981
22	1960/2	.17631	-.00063	-.01322	-.00255	.00042	-.01171
23	Ti3372	.19870	.00064	.03612	.03412	.00040	.01522
24	Tl1908	.20085	-.00060	L-.02400	L-.01022	-.00007	L-.02387
25	V_2924	.20701	.00573	.03749	.03307	.00034	.00193
26	Zn2062	.20857	.00987	1.5287	2.0086	.00308	.09150
27	Sn1899	.20635	.00367	.00745	.00895	.00211	.00705
28	Ag3280	.05086	.00082	.00060	.00069	.00034	.00034
29	*Y	3030.52	2949.83	2943.45	2981.4	2961.75	3251.18
30	PB2203	.19912	.00062	.00624	.00368	.00015	.00242
31	SE1960	.17759	.00260	-.00749	-.00099	-.00051	-.00453

#	Element	AD854432	AD854433	AD854434	CCV	CCB	AD854435
1	Al3082	.03403	.01949	.01786	24.882	-.00481	.02636
2	As1890	.00261	-.00087	-.00162	.47918	-.00013	-.00135
3	B_2496	.04532	.00729	.03384	.49144	.00106	.03748
4	Ba4934	.02946	.00014	.09623	.49776	.00007	.03089
5	Be3130	.00020	-.00010	-.00001	.48993	-.00001	-.00001
6	Ca3179	223.32	.08784	92.057	24.664	.00061	79.793
7	Cd2265	.00177	.00009	-.00019	.48596	.00000	.00033
8	Co2286	.06044	-.00033	-.00044	.48396	-.00010	-.00027
9	Cr2677	-.00037	-.00052	-.00044	.50451	-.00028	.00024
10	Cu3247	-.00001	-.00037	.00008	.48253	-.00061	.00252
11	Fe2714	17.678	.01004	4.8271	24.301	-.00148	.05636
12	K_7664	9.1234	.01529	1.3378	24.675	.01491	1.2487
13	Mg2790	52.064	.00968	50.028	24.697	.00330	38.675
14	Mn2576	.99935	.00010	.05467	.49432	.00000	.00800
15	Mo2020	.00068	-.00003	.00108	.49028	.00191	.00067
16	Na3302	12.916	.09591	20.041	24.575	.16136	9.0122
17	Ni2316	.10736	-.00030	.00042	.49304	-.00045	.00036
18	2203/1	.00153	.00381	.00305	.48567	.00408	.00236
19	2203/2	-.00193	-.00231	-.00135	.50005	-.00188	.00135
20	Sb2068	-.00655	-.00458	-.00235	.51186	-.00302	-.00300
21	1960/1	-.00482	.00614	.00441	.48331	-.00295	.00414
22	1960/2	-.00540	.00051	-.00503	.51482	.00127	-.00414
23	Ti3372	.00029	.00022	.00003	.50792	.00029	.00074
24	Tl1908	-.00022	-.00070	.00142	.50680	.00600	.00232
25	V_2924	-.00055	-.00034	-.00070	.48461	-.00005	-.00023
26	Zn2062	.19750	.00104	.01376	.49197	.00008	.26483
27	Sn1899	.00280	.00278	.00579	.49515	.00050	.00255
28	Ag3280	.00007	.00041	.00074	.49251	.00038	.00000
29	*Y	2972.21	2979.45	2963.44	2934.19	2950.99	2961.71
30	PB2203	-.00078	-.00026	.00011	.49526	.00010	.00169
31	SE1960	-.00520	.00239	-.00188	.50431	-.00013	-.00138

#	Element	AD854436	AD854437	AD854438	AD854439	AD854440	AD854441
1	Al3082	.03857	.03345	.16101	.10113	.12314	.70732
2	As1890	.00103	.00301	.00061	.00479	.00421	.00603
3	B_2496	.04765	.17931	.36492	3.5668	2.7841	6.9706
4	Ba4934	.03383	.03791	.56370	.34733	.45103	1.0743
5	Be3130	.00000	-.00004	.00001	-.00023	-.00021	.00008
6	Ca3179	81.629	69.151	245.54	64.734	149.87	181.44
7	Cd2265	.00028	.00090	.00007	.00000	.00032	.00012
8	Co2286	.00084	-.00019	.00127	.01032	.00912	.01127
9	Cr2677	.00039	.00029	.00419	.05930	.02493	.30753
10	Cu3247	.00763	.00938	.00436	.00882	.00216	.00639
11	Fe2714	.15614	2.3521	8.7649	21.481	7.5208	39.037
12	K_7664	1.3733	1.4734	29.047	197.63	169.23	H521.79
13	Mg2790	38.417	35.390	102.70	228.24	189.21	296.76
14	Mn2576	.03030	.03600	.58456	.07552	.30296	.16003
15	Mo2020	.00032	.00784	.00019	.00760	.00102	.00260
16	Na3302	8.2780	23.523	76.356	H1051.3	H723.18	H1232.8
17	Ni2316	.00081	.00055	.00890	.11249	.09732	.27670
18	2203/1	-.00032	.00464	.00011	.01217	.03169	.05238
19	2203/2	.00037	.00366	.00358	.00713	.03788	.04843
20	Sb2068	-.00463	-.00518	-.00180	-.00595	-.00079	.00911
21	1960/1	.00100	-.00403	-.00259	.00429	-.00030	.01096
22	1960/2	.00068	-.00516	-.00740	-.00400	-.00086	-.00523
23	Ti3372	.00008	-.00019	.00501	.00688	.01340	.01434
24	Tl1908	-.00524	-.00364	.00126	-.00303	-.00303	-.00335
25	V_2924	.00011	-.00008	.00296	.00191	.01006	.00458
26	Zn2062	.14480	1.1912	.01703	.10381	.03123	.21743
27	Sn1899	.00348	.00343	.00681	.01095	.01226	.02806
28	Ag3280	.00025	.00064	.00012	.00030	-.00071	.00076
29	*Y	2937.86	2970	2916.23	2902.01	2929.84	2742.04
30	PB2203	.00013	.00399	.00242	.00881	.03581	.04974
31	SE1960	.00079	-.00478	-.00579	-.00124	-.00067	.00016

#	Element	AD854442	AD854443	AD8'7/PB	CCV	CCB	AD8'6/FB
1	Al3082	1.7291	.19115	.02654	24.896	.00693	9.8547
2	As1890	.00489	.00349	-.00043	.47835	-.00115	.19375
3	B_2496	4.5797	1.7389	.01224	.49278	.00252	.19900
4	Ba4934	1.1843	.66728	.00009	.49782	.00013	.19990
5	Be3130	-.00003	-.00008	.00000	.48905	.00014	.19304
6	Ca3179	149.66	117.31	.06577	24.655	.00406	9.8080
7	Cd2265	.00086	-.00007	.00016	.48521	.00024	.19400
8	Co2286	.01041	.00671	.00036	.48391	.00014	.19403
9	Cr2677	.09484	.01638	.00179	.50349	.00023	.19457
10	Cu3247	.01287	.00105	-.00036	.48145	.00016	.19051
11	Fe2714	31.271	23.862	H.06746	24.231	.01129	9.7039
12	K_7664	259.96	98.895	.03265	24.810	-.00059	9.7532
13	Mg2790	293.58	166.95	.00731	24.604	.00432	9.7653
14	Mn2576	.21146	.08172	.00044	.49345	.00007	.19451
15	Mo2020	.00317	.00114	.00085	.48997	.00103	.19479
16	Na3302	H1007.4	340.06	.07577	24.697	.06528	10.075
17	Ni2316	.23849	.11642	.00010	.49120	-.00022	.19315
18	2203/1	.03324	.03758	-.00259	.48899	-.00473	.19088

#	Element	AD854442	AD854443	AD8'7/PB	CCV	CCB	AD8'6/FB
19	2203/2	.03137	.03286	-.00174	.49916	.00112	.19709
20	Sb2068	.00154	.00274	.00017	.50972	-.00169	.19470
21	1960/1	-.00243	.01300	.00303	.47897	-.00236	.19340
22	1960/2	-.00509	-.00688	-.00230	.50459	.00201	.19590
23	Ti3372	.05028	.00664	.00014	.50833	.00021	.19391
24	Tl1908	-.00918	.00154	.00568	.49932	.00010	.19583
25	V_2924	.00638	.00228	.00099	.48630	.00053	.19276
26	Zn2062	.65348	.04384	.00188	.49192	.00028	.19573
27	Sn1899	.01788	.01262	.00356	.48810	.00118	.19973
28	Ag3280	.00098	.00000	.00000	.49246	-.00001	.04918
29	*Y	2834.74	2898.49	2919.64	2866.58	2867.85	2916.23
30	PB2203	.03199	.03443	-.00202	.49577	-.00082	.19502
31	SE1960	-.00420	-.00025	-.00052	.49605	.00055	.19507

#	Element	AD854294	AD854295	AD854296	AD8'1:5)	AD8'6/PS	AD8'7/MS
1	Al3082	1.4419	1.1902	.35510	.07138	10.983	10.603
2	As1890	.00636	.01966	.00398	-.00017	.20607	.21211
3	B_2496	.06612	.08710	.05415	.00979	.26003	.25350
4	Ba4934	1.2844	.01506	2.9690	.58628	3.1383	3.2598
5	Be3130	.00004	-.00015	.00021	.00006	.19723	.19370
6	Ca3179	420.04	34.449	H762.96	138.99	H755.55	H790.19
7	Cd2265	.00005	-.00001	.00008	.00007	.19442	.19129
8	Co2286	.00022	.00079	.00127	-.00021	.19642	.19506
9	Cr2677	.00104	.00055	.00924	.00138	.20481	.20406
10	Cu3247	-.00029	.00110	.00217	-.00013	.20604	.20404
11	Fe2714	.06490	.07082	.45533	.09008	10.162	10.118
12	K_7664	31.276	27.804	54.126	9.4756	64.672	66.544
13	Mg2790	.02475	.04010	.13430	.02784	9.8763	9.7746
14	Mn2576	.00069	.00075	.01820	.00356	.21584	.21526
15	Mo2020	.06921	.13988	.22528	.04603	.41867	.42628
16	Na3302	120.63	215.97	338.60	66.612	344.05	356.18
17	Ni2316	.02148	.03257	.02672	.00490	.22120	.21751
18	2203/1	-.00058	.00099	.00033	.00067	.19144	.19315
19	2203/2	.00040	.00043	-.00158	-.00190	.19932	.19912
20	Sb2068	-.00077	-.00214	-.00005	-.00257	.20942	.20954
21	1960/1	.00180	.01097	.01116	.00318	.19974	.19992
22	1960/2	-.00104	.00004	.00041	-.00452	.21744	.20204
23	Ti3372	-.00035	.00066	.00257	.00060	.20596	.20175
24	Tl1908	.00367	.00253	.00276	.00317	.20755	.20622
25	V_2924	.00920	.00997	.00052	-.00002	.20087	.19752
26	Zn2062	.00242	.01025	.01000	.00182	.20123	.19859
27	Sn1899	.00176	.00329	.00164	.00445	.16169	.20211
28	Ag3280	-.00039	-.00026	.00017	.00032	.05187	.05196
29	*Y	2903.03	2950.28	2842.2	2869.84	2824.46	2817.26
30	PB2203	.00007	.00062	-.00094	-.00104	.19669	.19713
31	SE1960	-.00009	.00368	.00399	-.00195	.21154	.20133

#	Element	AD8'8/SD	AD854299	AD854300	CCV	CCB	AD854301
1	Al3082	10.363	.22030	.14139	25.038	.00261	.21877
2	As1890	.20905	.00686	.03384	.48280	-.00054	.00448
3	B_2496	.25032	.02999	.20561	.48714	.00073	.03992
4	Ba4934	3.2266	.01051	1.1082	.50293	.00006	.05131
5	Be3130	.19226	.00001	.00029	.49049	.00014	.00003
6	Ca3179	H784.83	19.217	H1076.6	24.728	.00678	45.178
7	Cd2265	.18986	-.00001	.00010	.48203	.00020	.00007
8	Co2286	.19359	.00033	.00423	.48139	-.00015	.00049
9	Cr2677	.20166	.00076	.01659	.50168	.00063	.00995
10	Cu3247	.20272	.00014	.00111	.48398	-.00039	.00135
11	Fe2714	10.030	.44986	.19671	24.095	.01079	.18189
12	K_7664	65.610	5.4018	66.360	24.745	.00045	29.293
13	Mg2790	9.7148	10.609	.14178	24.575	.00599	18.341
14	Mn2576	.21448	.01312	.00554	.49199	.00008	.01154
15	Mo2020	.42165	.13451	.11147	.48671	.00148	.07592
16	Na3302	353.18	172.21	H486.80	24.572	.14359	258.57
17	Ni2316	.21703	.01795	.02607	.49320	.00066	.01363
18	2203/1	.18947	.00499	.00127	.48463	.00024	-.00239
19	2203/2	.19748	-.00071	-.00166	.49907	-.00027	.00232
20	Sb2068	.20476	.00021	-.00452	.50929	-.00481	-.00294
21	1960/1	.20031	.00240	.00785	.47659	.00418	.00017
22	1960/2	.20051	-.00205	.00729	.51469	.00245	-.00754
23	Ti3372	.19967	.00377	.00210	.51106	.00041	.00254
24	Tl1908	.19693	.00522	-.00240	.50184	.00206	.00105
25	V_2924	.19558	.00263	.00026	.48227	.00053	.00273
26	Zn2062	.19957	.01439	.01051	.48946	.00019	.01405
27	Sn1899	.19612	.00241	.00260	.48814	.00377	.00363
28	Ag3280	.05101	.00084	-.00023	.49051	-.00014	-.00035
29	*Y	2834.74	2886.34	2811.15	2838.23	2876.21	2866.8
30	PB2203	.19481	.00118	-.00068	.49426	-.00010	.00075
31	SE1960	.20044	-.00056	.00748	.50198	.00302	-.00497

#	Element	AD854302	AD854303	AD854304	AD854305	AD854306	AD854307
1	Al3082	.61389	.83058	.09412	.94217	.73609	.37399
2	As1890	.00361	.00442	.00429	.00093	.02497	.01053
3	B_2496	.88802	.03090	.08180	.02464	.02824	.03400
4	Ba4934	.37505	.29961	.04991	.30741	.03790	.00824
5	Be3130	.00004	-.00001	.00006	.00010	-.00003	-.00003
6	Ca3179	343.64	89.645	137.27	417.11	18.223	10.064
7	Cd2265	.00021	.00003	.00025	-.00004	.00009	.00023
8	Co2286	.00090	-.00037	.00102	.00031	.00041	.00079
9	Cr2677	.00935	.00066	.01078	.00200	.00078	.00441
10	Cu3247	.00159	.00081	.00216	.00566	.00087	.00188
11	Fe2714	.13410	.07859	3.2577	.02237	.47317	.78185
12	K_7664	189.25	45.405	7.9232	21.145	19.542	20.012
13	Mg2790	.11201	.09968	41.633	.03042	.04884	.12044
14	Mn2576	.00342	.00288	.25282	.00050	.00545	.00805
15	Mo2020	.17063	.06467	.10374	.26458	.21453	.19957
16	Na3302	H662.86	278.46	217.19	351.09	295.67	272.48
17	Ni2316	.01545	.00770	.01163	.02389	.01205	.01420
18	2203/1	-.00587	.00565	.00010	.00544	.00731	.00671

#	Element	AD854302	AD854303	AD854304	AD854305	AD854306	AD854307
19	2203/2	.00276	-.00223	.00279	-.00501	.00611	.00630
20	Sb2068	-.00815	-.00473	-.00169	-.00531	-.00507	-.00399
21	1960/1	.00509	.00164	.00403	.00455	.00293	-.00007
22	1960/2	.00035	-.00799	-.00330	-.00659	-.00199	-.00717
23	Ti3372	.00111	.00091	.00178	.00038	.01020	.00848
24	Tl1908	.00145	-.00619	.00332	-.00370	-.00262	-.00298
25	V_2924	.00361	.00069	.00170	.00247	.01638	.00477
26	Zn2062	.00958	.00742	.00623	.00521	.01555	.03396
27	Sn1899	.00253	.00686	.00504	.00336	.00490	.00242
28	Ag3280	-.00022	.00022	.00052	.00028	.00078	.00057
29	*Y	2834.55	2887.8	2848.84	2843.55	2887.91	2901.49
30	PB2203	-.00011	.00039	.00190	-.00153	.00651	.00643
31	SE1960	.00193	-.00478	-.00085	-.00287	-.00035	-.00481

#	Element	AD854308	AD854309	AD854310	CCV	CCB	AD854311
1	Al3082	.56154	1.4042	.02917	25.064	.00349	.62023
2	As1890	.00927	.01142	-.00245	.47887	.00081	.00406
3	B_2496	.02969	.03369	.07620	.48693	.00056	.01680
4	Ba4934	.16673	.00598	.06051	.49868	.00017	.02513
5	Be3130	-.00002	-.00004	.00018	.49240	.00025	.00008
6	Ca3179	86.050	16.865	416.20	24.908	.02612	142.14
7	Cd2265	.00003	.00072	-.00017	.48810	.00013	-.00004
8	Co2286	.00043	.00054	.00040	.48566	.00022	.00113
9	Cr2677	.03836	.00619	.00007	.50332	-.00010	.00425
10	Cu3247	.00067	.00146	-.00017	.48212	-.00039	.00291
11	Fe2714	.33573	.71130	.04612	24.233	.01855	.83556
12	K_7664	24.452	19.962	3.2048	24.834	.01602	3.2146
13	Mg2790	.08715	.37264	57.072	24.862	.01069	44.195
14	Mn2576	.00366	.00788	.48411	.49347	.00011	1.2105
15	Mo2020	.23748	.14872	.00086	.49086	.00094	.05628
16	Na3302	260.59	193.56	151.73	25.080	.11934	181.85
17	Ni2316	.00718	.01884	-.00010	.49485	-.00002	.01815
18	2203/1	-.00115	.02008	.00198	.48866	-.00004	.00721
19	2203/2	.00158	.01946	-.00240	.50260	.00016	-.00153
20	Sb2068	-.00344	-.00336	-.00212	.51209	-.00518	-.00230
21	1960/1	.00578	.00105	.00224	.48637	.00719	.00802
22	1960/2	-.00401	-.00319	-.00256	.51216	-.00667	-.00756
23	Ti3372	.00028	.01270	.00039	.51175	.00024	.01531
24	Tl1908	.00363	-.00001	.00387	.50604	.00480	.00247
25	V_2924	.00537	.00324	-.00017	.48568	.00048	.00174
26	Zn2062	.01837	.05674	.00142	.49410	.00056	.00635
27	Sn1899	-.00123	.00281	.00444	.49151	.00359	.00376
28	Ag3280	-.00006	-.00047	.00053	.49146	.00014	.00105
29	*Y	2883.15	2921.7	2809.95	2858.66	2857.09	2882.59
30	PB2203	.00067	.01967	-.00094	.49796	.00009	.00137
31	SE1960	-.00074	-.00177	-.00096	.50356	-.00204	-.00237

#	Element	AD854312	AD854313	AD854314	AD854315	AD8'4/PB	AD8'3/FB
1	Al3082	.03066	.03004	.07001	.54755	.02488	10.054
2	As1890	.00331	.00254	-.00219	-.00013	-.00243	.19786
3	B_2496	.03121	.07096	.37790	.84944	.00541	.20073
4	Ba4934	.23916	.05721	.84824	.01380	.00013	.20337
5	Be3130	.00019	.00016	.00006	.00011	-.00002	.19839
6	Ca3179	367.25	395.34	47.763	208.93	.06979	10.050
7	Cd2265	.00008	-.00006	.00019	.00014	.00001	.19882
8	Co2286	.00235	.00040	.00027	.00230	.00031	.19866
9	Cr2677	.65707	.00027	.00016	.00123	.00011	.19813
10	Cu3247	.02046	-.00080	.00029	.00006	-.00061	.19526
11	Fe2714	.02669	.04863	.04995	.32894	.00318	9.8865
12	K_7664	14.572	3.0704	6.9155	17.349	.00429	9.9202
13	Mg2790	3.2457	54.673	11.670	155.37	.01404	9.9847
14	Mn2576	.00140	.46351	.01467	.12617	-.00001	.19787
15	Mo2020	.07543	.00143	-.00072	.00127	-.00081	.19905
16	Na3302	88.853	143.65	H842.91	H1249.3	.20662	10.453
17	Ni2316	.00102	.00000	.00042	.00566	-.00013	.19791
18	2203/1	.00182	.00288	.00003	.00081	.00101	.19371
19	2203/2	-.00088	-.00193	.00011	-.00074	-.00060	.20363
20	Sb2068	-.00240	.00120	-.00366	-.00285	-.00717	.19940
21	1960/1	.00100	-.00247	-.00447	.27753	.00214	.19842
22	1960/2	.00148	-.00364	.00204	.29366	.00036	.20559
23	Ti3372	.00103	.00082	.00106	.00875	.00001	.19761
24	Tl1908	.00188	.00129	-.00005	-.00280	-.00277	.20484
25	V_2924	.00054	.00018	.00055	.00169	.00028	.19604
26	Zn2062	.00438	.00149	.00244	.00685	.00337	.19643
27	Sn1899	.00221	.00626	.00393	.00421	.00180	.20038
28	Ag3280	.00103	.00106	.00040	.00057	.00050	.05094
29	*Y	2825.25	2835	2813.81	2726.18	2941.31	2923.05
30	PB2203	.00002	-.00033	.00008	-.00022	-.00006	.20033
31	SE1960	.00132	-.00325	-.00012	.28828	.00095	.20320

#	Element	AD854781	AD854782	AD854783	CCV	CCB	STD BLK
1	Al3082	.03973	.03898	.03508	25.003	.00546	.08483
2	As1890	.00318	.00317	.00839	.48005	.00252	.0252
3	B_2496	.00648	.03877	.09850	.49058	-.00005	.07443
4	Ba4934	.00004	.00042	.06657	.49891	.00008	.00744
5	Be3130	-.00002	-.00003	.00004	.48991	.00015	.31699
6	Ca3179	.06581	.49365	93.137	24.805	.00017	.02008
7	Cd2265	.00012	.00009	-.00007	.48734	.00008	-.01887
8	Co2286	-.00021	.00020	.00046	.48553	.00007	-.00415
9	Cr2677	.00009	.00021	-.00022	.50345	-.00013	-.00086
10	Cu3247	-.00053	.00049	.00616	.48123	-.00034	.01817
11	Fe2714	-.00009	.05355	1.3353	24.164	-.00077	.00086
12	K_7664	.01893	.30807	1.5886	24.962	.01998	-.07046
13	Mg2790	.00574	.20258	46.730	24.815	.00166	.0296
14	Mn2576	.00009	.00038	.01084	.49300	.00000	.00138
15	Mo2020	.00024	.00164	.00200	.49220	.00109	.00241
16	Na3302	.15231	239.96	18.879	25.047	.16825	.00537
17	Ni2316	-.00013	.00015	.00057	.49335	-.00043	-.09834
18	2203/1	-.00236	-.00261	-.00351	.48587	-.00226	.04239

#	Element	AD854781	AD854782	AD854783	CCV	CCB	STD BLK
19	2203/2	-.00169	-.00026	-.00099	.50361	-.00050	.01039
20	Sb2068	-.00363	-.00468	-.00295	.51331	-.00134	.00207
21	1960/1	.00229	-.00630	-.00083	.47758	.01016	-.04796
22	1960/2	.00050	-.00014	.00152	.51090	-.00420	.04604
23	Ti3372	.00042	-.00004	-.00021	.51174	.00045	.11339
24	Tl1908	-.00505	-.00112	-.00116	.49963	.00320	-.01343
25	V_2924	-.00029	.00017	-.00007	.48662	.00036	.0019
26	Zn2062	.00088	.00881	.00738	.49170	.00002	.00069
27	Sn1899	.00102	.00437	.00350	.48794	.00156	.04899
28	Ag3280	-.00030	.00030	.00028	.49248	.00071	-.00104
29	*Y	2936.89	2910.83	2907.98	2871.04	2821.91	2888.06
30	PB2203	-.00191	-.00104	-.00183	.49770	-.00109	
31	SE1960	.00110	-.00219	.00073	.49979	.00058	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.46865	41.871	84.5072	50.233	18.876	.00475
2	As1890	.49162	2.30079	4.55602	.98557	.36147	.00313
3	B_2496	1.53604	7.34092	14.7021	1.0031	.37193	.00152
4	Ba4934	4.71871	23.5339	47.2745	1.0036	.37627	.00014
5	Be3130	8.15699	39.4457	78.4391	.99386	.37185	.00007
6	Ca3179			62.4409	50.033	18.676	.00394
7	Cd2265	11.3843	56.3	112.357	.98991	.37128	.00003
8	Co2286	.63577	3.18977	6.36616	.99519	.36770	.00024
9	Cr2677	1.86898	9.31115	18.6033	.99639	.38319	.00037
10	Cu3247	.95383	4.74349	9.53458	1.0068	.36554	.00017
11	Fe2714	1.81092	9.03356	18.0292	49.742	18.524	.00089
12	K_7664			72.09	50.257	18.472	-.02255
13	Mg2790			113.464	50.003	18.841	.00687
14	Mn2576	1.29475	6.46843	12.9087	.99751	.37654	.00012
15	Mo2020	.93528	4.66869	9.34339	.99896	.37464	.00247
16	Na3302			3.05215	49.871	18.846	-.01856
17	Ni2316	5.02573	25.2046	50.5032	.99238	.37346	.00012
18	2203/1	1.27244	6.16796	12.1281	.98688	.37111	.00033
19	2203/2	1.43112	6.96185	14.1435	.99350	.37563	-.00290
20	Sb2068	.34598	1.70937	3.46608	1.0092	.39156	.00568
21	1960/1	.29121	1.56587	3.08222	.97168	.37245	.00771
22	1960/2	.55167	2.80744	5.80953	1.0403	.39277	-.00869
23	Ti3372	5.57563	27.4103	54.9503	1.0003	.38470	.00046
24	Tl1908	.22452	1.23216	2.49668	1.0276	.38230	.00288
25	V_2924	.29482	1.46477	2.93225	.99957	.36885	-.00035
26	Zn2062	.19308	.95442	1.89979	.98864	.37602	-.00018
27	Sn1899	1.24774	6.23826	12.4228	1.0113	.37694	-.00397
28	Ag3280	1.63052	8.24829	16.5112	1.0040	.37327	.00030
29	*Y	2884.73	2874.49	2864.51	2854.99	2887.5	2880.45
30	PB2203				.99130	.37413	-.00182
31	SE1960				1.0174	.38599	-.00322

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD854784
1	Al3082	.21472	518.31	522.08	24.846	.00271	.03647
2	As1890	.01053	.00115	.11064	.47505	.00337	.00511
3	B_2496	.02373	.00441	.02451	.49006	.00197	.16716
4	Ba4934	.00219	.00124	.52307	.49632	.00008	.03724
5	Be3130	.00203	.00098	.49436	.49065	.00006	-.00006
6	Ca3179	.49882	530.57	533.08	24.663	.02736	60.483
7	Cd2265	.00117	-.00226	.98141	.48758	.00007	.00000
8	Co2286	.00433	.00073	.48917	.48363	.00032	-.00023
9	Cr2677	.00495	-.00206	.50405	.50468	.00025	-.00009
10	Cu3247	.00941	.00042	.51723	.48307	-.00050	.00031
11	Fe2714	.05159	195.28	98.103	24.374	.00277	.68423
12	K_7664	.42218	-.00682	-.02602	24.549	-.00922	1.3933
13	Mg2790	.21362	502.96	499.46	24.637	.01015	34.359
14	Mn2576	.00311	.00165	.49541	.49583	.00014	.03189
15	Mo2020	.01191	.00137	.00192	.48969	.00283	.00768
16	Na3302	1.2082	.16782	-.09124	24.797	-.27994	19.659
17	Ni2316	.00992	.00076	.96225	.49346	-.00018	.00018
18	2203/1	.00373	.01138	.05422	.49034	.00256	-.00302
19	2203/2	.00460	.00540	.05566	.49189	-.00058	-.00039
20	Sb2068	.01794	.00227	.64611	.50118	.00392	.00379
21	1960/1	.02417	.02877	.05368	.47966	.00911	.01120
22	1960/2	.01095	-.01887	.05467	.52077	-.00415	-.00939
23	Ti3372	.00537	.00167	.00311	.50771	.00005	-.00002
24	Tl1908	.02238	-.03966	.09418	.50460	.00296	.00546
25	V_2924	.00544	.00063	.51009	.48574	-.00029	-.00030
26	Zn2062	.01122	-.00741	.96877	.49420	.00044	.02887
27	Sn1899	.00552	.00066	-.00194	.50352	-.00318	-.00553
28	Ag3280	.00375	.00112	.21432	.49321	.00039	-.00023
29	*Y	2890.27	2713.09	2710.95	2892.49	2889.3	2928.75
30	PB2203	.00431	.00739	.05518	.49137	.00046	-.00126
31	SE1960	.01536	-.00299	.05434	.50706	.00026	-.00252

#	Element	AD854785	AD854786	AD854787	AD854788	AD854789	AD8'1:5)
1	Al3082	.02887	.04132	.03305	.15029	.66882	.14603
2	As1890	.00976	.01027	.00827	.00892	.00554	.00379
3	B_2496	.11255	.26242	.14638	1.0943	.21338	.04272
4	Ba4934	.04127	.02468	.04052	.22252	.09825	.01958
5	Be3130	-.00007	-.00001	-.00006	-.00001	-.00003	-.00003
6	Ca3179	68.426	80.701	86.923	159.68	80.703	15.908
7	Cd2265	-.00003	.00009	-.00024	-.00026	-.00005	.00003
8	Co2286	.00015	.00037	.00007	.00019	.00071	.00009
9	Cr2677	.00029	.00050	.00018	.00000	.00161	.00065
10	Cu3247	.06446	.00395	.00342	.00300	.00068	.00015
11	Fe2714	1.6731	2.6162	3.6598	18.088	6.5166	1.3001
12	K_7664	1.4837	1.9627	1.8576	8.7263	13.818	2.5000
13	Mg2790	39.133	34.305	40.157	24.781	37.320	7.3923
14	Mn2576	.01122	.05859	.03431	.46878	.43598	.08645
15	Mo2020	.00373	.00647	.00650	.00175	.00206	.00017
16	Na3302	14.828	20.852	14.363	46.589	53.768	10.912
17	Ni2316	.00105	.00084	.00129	.00326	.00099	.00008
18	2203/1	-.00021	.00150	-.00145	.00157	.01537	.00339

#	Element	AD854785	AD854786	AD854787	AD854788	AD854789	AD8'1:5)
19	2203/2	.00036	.00112	-.00036	.00572	.01429	.00229
20	Sb2068	-.00185	.00206	-.00286	-.00241	.00416	-.00140
21	1960/1	.01520	.00337	.02057	.00918	.01438	.01448
22	1960/2	-.00931	-.00613	-.00356	-.00669	-.00989	-.00527
23	Ti3372	.00014	.00044	.00009	.00231	.02078	.00476
24	Tl1908	.00349	.00623	-.00036	.00267	.00431	.00003
25	V_2924	-.00037	-.00003	-.00075	.00007	.00071	-.00025
26	Zn2062	.01679	.05425	.03846	.12290	.00690	.00143
27	Sn1899	-.00279	-.00082	.00001	-.00501	-.00226	-.00199
28	Ag3280	.00000	.00021	.00041	-.00014	.00017	-.00032
29	*Y	2913.64	2900.85	2913.3	2908.31	2915.06	2898.9
30	PB2203	.00017	.00125	-.00073	.00434	.01465	.00266
31	SE1960	-.00114	-.00296	.00448	-.00140	-.00179	.00131

#	Element	AD8'9/PS	AD8'0/MS	AD8'1/SD	CCV	CCB	AD854792
1	Al3082	11.194	10.202	10.751	24.934	.00543	.02923
2	As1890	.20274	.20609	.20843	.47655	.00125	.00257
3	B_2496	.41702	.41256	.41009	.49383	.00046	.00588
4	Ba4934	.30779	.29882	.30173	.49675	.00012	.00011
5	Be3130	.20282	.19926	.19905	.49259	-.00001	-.00010
6	Ca3179	89.025	87.446	90.036	24.708	.00158	.08592
7	Cd2265	.20083	.19775	.19743	.49055	.00003	.00002
8	Co2286	.20033	.19771	.19851	.48645	-.00008	.00006
9	Cr2677	.20259	.19927	.20029	.50713	.00009	.00051
10	Cu3247	.20194	.19841	.20041	.48506	.00047	-.00002
11	Fe2714	16.438	15.853	16.650	24.506	-.00008	.00833
12	K_7664	24.433	24.119	24.075	24.580	-.04067	-.00862
13	Mg2790	46.618	45.922	47.204	24.874	.00251	.00667
14	Mn2576	.62758	.61052	.64291	.49781	.00000	.00008
15	Mo2020	.20281	.20168	.19958	.49253	.00243	-.00014
16	Na3302	63.224	64.345	63.990	24.550	.20205	-.08352
17	Ni2316	.20193	.19848	.19941	.49642	.00091	.00028
18	2203/1	.20600	.20044	.20672	.49173	-.00353	-.00614
19	2203/2	.21648	.19969	.21586	.49710	-.00049	.00062
20	Sb2068	.20102	.20473	.20710	.50669	.00386	.00139
21	1960/1	.19573	.20615	.19468	.49324	.00496	.01356
22	1960/2	.21666	.20053	.20892	.51794	-.00024	-.00706
23	Ti3372	.22500	.20442	.22252	.50893	.00055	-.00019
24	Tl1908	.21203	.20714	.20755	.50446	.00219	.00271
25	V_2924	.20305	.19870	.19952	.48733	.00000	-.00041
26	Zn2062	.20508	.19682	.19983	.49643	.00000	.00132
27	Sn1899	.16643	.20383	.20643	.50938	-.00272	-.00500
28	Ag3280	.05117	.05128	.05018	.49612	.00012	-.00011
29	*Y	2916.3	2917.58	2913	2896.31	2882.66	2945.85
30	PB2203	.21299	.19994	.21281	.49531	-.00150	-.00162
31	SE1960	.20968	.20240	.20417	.50970	.00149	-.00018

#	Element	AD854793	AD854794	AD854795	AD854796	AD854797	AD854798
1	Al3082	.03591	.04508	.19433	1.9293	4.2981	.04502
2	As1890	.00218	.01449	.02767	.04483	.09499	.00535
3	B_2496	.00623	.09958	1.4751	3.5330	7.9434	.03273
4	Ba4934	.00029	.36186	.28976	.99206	1.5119	.24129
5	Be3130	-.00009	-.00007	.00005	.00032	.00029	-.00017
6	Ca3179	.08630	143.60	493.94	H900.74	17.522	70.254
7	Cd2265	-.00007	-.00009	-.00013	-.00002	.00001	-.00018
8	Co2286	-.00023	.00060	.00601	.01934	.09281	.00007
9	Cr2677	.00055	.00099	.02066	.05828	.08910	.00032
10	Cu3247	.00013	.00121	.00457	.01676	.06889	.00083
11	Fe2714	.00271	7.7315	1.4904	27.909	24.600	.00966
12	K_7664	-.01819	21.142	35.045	175.85	C.00000	1.6728
13	Mg2790	.00552	80.395	194.33	293.46	22.832	29.247
14	Mn2576	.00011	3.1639	9.3563	11.119	.82993	.00225
15	Mo2020	-.00005	.01534	.00915	.00642	.01525	.00183
16	Na3302	.12272	259.98	113.43	H414.14	H1828.7	14.716
17	Ni2316	.00271	.01555	.02599	.10189	.60632	.00086
18	2203/1	-.00193	-.00108	.00189	.01762	.01192	-.00018
19	2203/2	-.00090	-.00326	-.00054	.01902	.00673	-.00211
20	Sb2068	.00304	.00150	.00764	.00946	.00473	.00038
21	1960/1	.01168	.01146	.00751	.00930	.01643	.01632
22	1960/2	-.00776	-.00152	-.00253	-.00955	-.00851	-.00526
23	Ti3372	.00027	.00086	.01296	.09911	.09908	.00083
24	Tl1908	.00387	-.00027	-.00116	-.00386	-.00244	.00556
25	V_2924	-.00041	.00123	.02149	.08697	.07285	.00004
26	Zn2062	.00177	.00419	.03064	.15342	.12172	.00316
27	Sn1899	-.00051	-.00347	.00135	.00168	.00587	-.00134
28	Ag3280	-.00049	-.00022	-.00030	.00005	.00026	.00068
29	*Y	2935.05	2918.7	2912.93	2885.89	2757.38	2960.36
30	PB2203	-.00124	-.00254	.00026	.01855	.00846	-.00147
31	SE1960	-.00127	.00280	.00081	-.00326	-.00019	.00193

#	Element	AD854799	AD854800	AD854801	CCV	CCB	AD854802
1	Al3082	.04302	.94119	.08972	25.027	.00659	.02671
2	As1890	.00494	.00762	.00077	.47892	.00218	.00505
3	B_2496	.11084	.02719	.04833	.49415	.00192	.00674
4	Ba4934	.12049	.14538	.05372	.50033	.00019	-.00001
5	Be3130	-.00008	-.00003	-.00003	.49344	-.00002	-.00010
6	Ca3179	88.373	77.194	109.00	24.729	.00406	.06775
7	Cd2265	.00004	-.00011	-.00008	.48858	-.00003	.00009
8	Co2286	.00019	.00045	.00033	.48376	-.00043	.00046
9	Cr2677	.00071	.00211	.00061	.50495	-.00009	.00072
10	Cu3247	.00010	.00014	.00050	.48704	-.00002	.00040
11	Fe2714	.01211	.84599	.04470	24.342	-.00295	.01304
12	K_7664	.91071	1.4803	1.2233	24.669	-.02139	-.01367
13	Mg2790	12.655	15.549	34.058	24.750	.00310	.00852
14	Mn2576	.00085	.02683	.00729	.49568	.00001	.00016
15	Mo2020	.00127	.00130	.00068	.49041	.00140	.00041
16	Na3302	14.051	12.499	36.715	24.723	.04114	.16628
17	Ni2316	.00078	.00128	.00076	.49640	.00081	.00077
18	2203/1	-.00348	.00264	-.00566	.49044	-.00095	-.00656

#	Element	AD854799	AD854800	AD854801	CCV	CCB	AD854802
19	2203/2	-.00185	-.00324	.00130	.49563	-.00088	.00260
20	Sb2068	.00187	.00299	-.00149	.50528	.00267	-.00099
21	1960/1	.01577	.01783	.00745	.49466	.01121	-.00143
22	1960/2	-.00493	-.00154	.00212	.52271	-.00594	.00240
23	Ti3372	.00026	.02817	.00252	.51149	.00052	-.00009
24	Tl1908	.00323	.00191	.00184	.50507	.00343	-.00202
25	V_2924	.00074	.00219	.00070	.48648	-.00082	.00004
26	Zn2062	.00266	.00402	.00431	.49372	-.00018	.00256
27	Sn1899	-.00234	-.00161	-.00495	.49953	-.00408	-.00727
28	Ag3280	-.00006	.00046	-.00038	.49526	-.00027	.00012
29	*Y	2937.41	2920.09	2904.94	2890.5	2903.03	2940.98
30	PB2203	-.00239	-.00128	-.00101	.49390	-.00090	-.00044
31	SE1960	.00196	.00491	.00390	.51336	-.00022	.00112

#	Element	CCV	CCB
1	Al3082	24.944	.00567
2	As1890	.47862	.00094
3	B_2496	.49399	.00199
4	Ba4934	.49844	.00021
5	Be3130	.49135	.00004
6	Ca3179	24.656	.00848
7	Cd2265	.48810	.00000
8	Co2286	.48357	.00021
9	Cr2677	.50400	.00005
10	Cu3247	.48432	-.00028
11	Fe2714	24.306	.00040
12	K_7664	24.644	-.01223
13	Mg2790	24.760	.00889
14	Mn2576	.49501	.00014
15	Mo2020	.48980	.00158
16	Na3302	24.561	.28066
17	Ni2316	.49428	.00042
18	2203/1	.48824	.00238
19	2203/2	.49244	-.00221
20	Sb2068	.50336	.00439
21	1960/1	.48839	.01723
22	1960/2	.51412	-.00631
23	Ti3372	.50993	.00061
24	Tl1908	.50337	.00467
25	V_2924	.48540	-.00047
26	Zn2062	.49352	-.00009
27	Sn1899	.49785	.00141
28	Ag3280	.49424	.00062
29	*Y	2898.04	2881.24
30	PB2203	.49104	-.00068
31	SE1960	.50554	.00153

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Method: TRACE2 Standard: STD BLK
Run Time: 09/25/08 21:04:52

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.08595	.04374	.08799	.01100	.31133	.02200	-.02436
SDev	.00123	.00314	.00547	.00266	.00069	.00043	.00281
%RSD	1.4317	7.1862	6.2215	24.165	.22246	1.9371	11.548
#1	.08682	.04152	.08412	.00912	.31182	.02230	-.02635
#2	.08508	.04597	.09186	.01288	.31084	.02169	-.02237

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00389	.00610	.02656	-.00084	-.12388	.03096	.00186
SDev	.00073	.00432	.00305	.00215	.01896	.00031	.00168
%RSD	18.681	70.890	11.473	255.09	15.305	1.0115	90.137
#1	-.00338	.00304	.02872	-.00236	-.11047	.03074	.00068
#2	-.00441	.00915	.02441	.00068	-.13729	.03119	.00305

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00608	-.00187	-.05961	.01759	.01065	.01582	-.01640
SDev	.00860	.00407	.04082	.00379	.00548	.00080	.01408
%RSD	141.42	218.23	68.483	21.524	51.423	5.0555	85.869
#1	.01216	.00101	-.03074	.02027	.01453	.01638	-.02635
#2	.00000	-.00475	-.08847	.01492	.00678	.01525	-.00644

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.03253	.12485	-.00966	.00051	.00118	-.03197	-.00540
SDev	.03884	.01932	.00300	.00168	.00024	.00447	.01291
%RSD	119.39	15.478	31.028	328.93	19.969	13.981	239.09
#1	.00507	.13851	-.01178	-.00068	.00135	-.03513	-.01453
#2	.06000	.11118	-.00754	.00169	.00102	-.02881	.00373

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2955	--	--	--	--	--	--
SDev	7.053459	--	--	--	--	--	--
%RSD	.2386927	--	--	--	--	--	--
#1	2960	--	--	--	--	--	--
#2	2950	--	--	--	--	--	--

Standardization Rpt. 09/25/08 09:15:09 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 09/25/08 21:10:16

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.4521	.49075	1.5436	4.6891	8.1777	11.374	.63341
SDev	.0271	.00165	.0248	.0011	.0159	.032	.00561
%RSD	.32015	.33706	1.6035	.02418	.19470	.28289	.88563
#1	8.4329	.49192	1.5261	4.6899	8.1664	11.352	.62944
#2	8.4712	.48958	1.5611	4.6883	8.1889	11.397	.63737

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8750	.97072	1.8270	1.3040	.93256	5.0247	1.2894
SDev	.0027	.00491	.0001	.0013	.00520	.0231	.0835
%RSD	.14471	.50567	.00770	.10240	.55768	.45993	6.4793
#1	1.8730	.96725	1.8269	1.3030	.92888	5.0084	1.3485
#2	1.8769	.97419	1.8271	1.3049	.93624	5.0410	1.2304

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.3674	.33273	.32357	.56402	5.5661	.23272	.29440
SDev	.0382	.00554	.00340	.04384	.0304	.00398	.00056
%RSD	2.7925	1.6653	1.0492	7.7724	.54605	1.7118	.18916
#1	1.3404	.32881	.32117	.53302	5.5876	.22991	.29401
#2	1.3944	.33665	.32597	.59502	5.5446	.23554	.29480

Elem	Zn2062	Sn1899	Ag3280
Avge	.19350	1.2857	1.6450
SDev	.00093	.0269	.0181
%RSD	.48302	2.0954	1.0989
#1	.19284	1.3047	1.6578
#2	.19416	1.2666	1.6322

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2948	--	--	--	--	--	--
SDev	4.030474	--	--	--	--	--	--
%RSD	.1367039	--	--	--	--	--	--
#1	2945	--	--	--	--	--	--
#2	2951	--	--	--	--	--	--

Standardization Rpt. 09/25/08 09:20:06 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 09/25/08 21:15:13

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.869	2.2871	7.3494	23.403	39.511	56.125	3.1804
SDev	.059	.0019	.0214	.066	.095	.063	.0007
%RSD	.13976	.08397	.29055	.28147	.24071	.11188	.02234
#1	41.910	2.2884	7.3343	23.449	39.578	56.170	3.1799
#2	41.827	2.2857	7.3645	23.356	39.443	56.081	3.1809

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.3635	4.7703	9.1283	6.5115	4.6420	25.216	6.0550
SDev	.0110	.0126	.0039	.0062	.0297	.113	.0203
%RSD	.11715	.26328	.04296	.09456	.63967	.44976	.33542
#1	9.3712	4.7792	9.1311	6.5159	4.6210	25.296	6.0694
#2	9.3557	4.7614	9.1255	6.5071	4.6630	25.135	6.0407

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.9799	1.6896	1.5493	2.8207	27.153	1.2235	1.4660
SDev	.0031	.0187	.0317	.0322	.058	.0032	.0017
%RSD	.04478	1.1066	2.0446	1.1400	.21457	.25869	.11756
#1	6.9821	1.6764	1.5269	2.7980	27.194	1.2213	1.4647
#2	6.9777	1.7028	1.5717	2.8435	27.112	1.2258	1.4672

Elem	Zn2062	Sn1899	Ag3280
Avge	.95867	6.2738	8.2481
SDev	.00218	.0175	.0005
%RSD	.22789	.27950	.00568
#1	.96021	6.2614	8.2484
#2	.95712	6.2862	8.2477

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2932	--	--	--	--	--	--
SDev	6.682125	--	--	--	--	--	--
%RSD	.2278878	--	--	--	--	--	--
#1	2927	--	--	--	--	--	--
#2	2937	--	--	--	--	--	--

Standardization Rpt. 09/25/08 09:25:31 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 09/25/08 21:20:10

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	84.208	4.5360	14.617	46.788	78.271	61.928	111.85
SDev	.320	.0443	.029	.287	.247	.165	.08
%RSD	.38002	.97697	.20056	.61446	.31566	.26652	.07015
#1	84.434	4.5673	14.597	46.991	78.445	62.044	111.79
#2	83.981	4.5047	14.638	46.584	78.096	61.811	111.90

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.3504	18.688	9.5379	18.205	70.892	113.24	13.005
SDev	.0040	.004	.0416	.003	.256	.06	.002
%RSD	.06252	.02320	.43625	.01921	.36128	.05130	.01812
#1	6.3532	18.691	9.5673	18.207	71.074	113.20	13.003
#2	6.3476	18.684	9.5085	18.202	70.711	113.28	13.007

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.3283	3.0228	50.147	12.118	13.916	3.4332	3.1173
SDev	.0730	.0184	.096	.062	.076	.0319	.0020
%RSD	.78215	.60724	.19208	.51254	.54944	.92973	.06420
#1	9.2767	3.0357	50.215	12.074	13.862	3.4106	3.1158
#2	9.3799	3.0098	50.079	12.162	13.970	3.4558	3.1187

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.6601	54.108	2.4930	2.9336	1.9000	12.445	16.580
SDev	.0786	.173	.0144	.0033	.0052	.086	.027
%RSD	1.3887	.32055	.57603	.11119	.27507	.68772	.16447
#1	5.6045	54.231	2.4828	2.9313	1.8963	12.384	16.599
#2	5.7156	53.986	2.5031	2.9359	1.9037	12.505	16.561

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2930	--	--	--	--	--	--
SDev	12.40976	--	--	--	--	--	--
%RSD	.4235918	--	--	--	--	--	--
#1	2921	--	--	--	--	--	--
#2	2938	--	--	--	--	--	--

Standardization Report 09/25/08 09:25:31 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.597006	-.051237	09/25/08 09:20:10
As1890	189.042	Multiple	Standards	.222156	-.009715	09/25/08 09:20:10
B_2496	249.678	Multiple	Standards	.068848	-.006059	09/25/08 09:20:10
Ba4934	493.409	Multiple	Standards	.021376	-.000235	09/25/08 09:20:10
Be3130	313.042	Multiple	Standards	.012767	-.003979	09/25/08 09:20:10
Ca3179	317.933	STD 3	STD BLK	.992302	-.011301	09/25/08 09:20:10
Cd2265	226.502	Multiple	Standards	.008880	.000207	09/25/08 09:20:10
Co2286	228.616	Multiple	Standards	.157265	.000611	09/25/08 09:20:10
Cr2677	267.716	Multiple	Standards	.053529	-.000326	09/25/08 09:20:10
Cu3247	324.753	Multiple	Standards	.105540	-.002800	09/25/08 09:20:10
Fe2714	271.441	Multiple	Standards	2.74068	.002233	09/25/08 09:20:10
K_7664	766.491	STD 3	STD BLK	1.02567	.070973	09/25/08 09:20:10
Mg2790	279.078	STD 3	STD BLK	.962873	-.027495	09/25/08 09:20:10
Mn2576	257.610	Multiple	Standards	.076849	-.000144	09/25/08 09:20:10
Mo2020	202.030	Multiple	Standards	.107655	-.000652	09/25/08 09:20:10
Na3302	330.232	STD 3	STD BLK	1.02284	.000859	09/25/08 09:20:10
Ni2316	231.604	Multiple	Standards	.019774	.001173	09/25/08 09:20:10
2203/1	220.351	Multiple	Standards	.083587	-.001500	09/25/08 09:20:10
2203/2	220.352	Multiple	Standards	.071389	-.000746	09/25/08 09:20:10
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.302030	-.004741	09/25/08 09:20:10
1960/1	196.021	Multiple	Standards	.310472	.005044	09/25/08 09:20:10
1960/2	196.022	Multiple	Standards	.178794	-.005787	09/25/08 09:20:10
Ti3372	337.280	Multiple	Standards	.018466	-.002310	09/25/08 09:20:10
Tl1908	190.864	Multiple	Standards	.397446	.003854	09/25/08 09:20:10
V_2924	292.402	Multiple	Standards	.340885	-.000175	09/25/08 09:20:10
Zn2062	206.200	Multiple	Standards	.523260	-.000625	09/25/08 09:20:10
Sn1899	189.989	Multiple	Standards	.078429	.002479	09/25/08 09:20:10
Ag3280	328.068	Multiple	Standards	.060493	.000328	09/25/08 09:20:10

Standardization Readback Report 09/25/08 09:25:31 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000078	-.000078
		STD 1	5.00000	4.99470	.005299
		STD 2	25.0000	24.9447	.055304
		STD 3	50.0000	50.2213	-.221268

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099309	.000691
		STD 2	.500000	.498373	.001627
		STD 3	1.00000	.997986	.002014

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100213	-.000213
		STD 2	.500000	.499936	.000064
		STD 3	1.00000	1.00032	-.000324

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100001	-.000001
		STD 2	.500000	.500031	-.000031
		STD 3	1.00000	.999923	.000077

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100429	-.000429
		STD 2	.500000	.500468	-.000468
		STD 3	1.00000	.995333	.004667

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.021996	-.011471
		STD 3	61.4397	61.9277	-.488018

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000010	.000010
		STD 1	.100000	.101207	-.001207
		STD 2	.500000	.498575	.001425
		STD 3	1.00000	.993367	.006633

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100224	-.000224
		STD 2	.500000	.500772	-.000772
		STD 3	1.00000	.999309	.000691

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100039	-.000039
		STD 2	.500000	.500890	-.000890
		STD 3	1.00000	1.000000	.000000

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099650	.000350
		STD 2	.500000	.500660	-.000660
		STD 3	1.00000	1.00383	-.003831

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000079	.000079
		STD 1	5.00000	5.00937	-.009371
		STD 2	25.0000	25.0200	-.019987
		STD 3	50.0000	49.8956	.104401

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.123879	.067793
		STD 3	72.7834	70.8925	1.89096

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.030964	-.028644
		STD 3	109.006	113.238	-4.23174

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100065	-.000065
		STD 2	.500000	.500261	-.000261
		STD 3	1.00000	.999279	.000721

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099742	.000258
		STD 2	.500000	.499087	.000913
		STD 3	1.00000	1.00358	-.003582

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	-.001866	.000816
		STD 3	3.09264	3.02275	.069890

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100531	-.000531
		STD 2	.500000	.499784	.000216
		STD 3	1.00000	.992765	.007235

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000030	.000030
		STD 1	.100000	.106280	-.006280
		STD 2	.500000	.504621	-.004621
		STD 3	1.00000	1.01141	-.011409

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000014	-.000014
		STD 1	.100000	.096869	.003131
		STD 2	.500000	.497546	.002454
		STD 3	1.00000	.992685	.007315

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000037	-.000037
		STD 1	.100000	.095753	.004247
		STD 2	.500000	.505563	-.005563
		STD 3	1.00000	1.03218	-.032185

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000047	.000047
		STD 1	.100000	.105504	-.005504
		STD 2	.500000	.486063	.013937
		STD 3	1.00000	.972868	.027132

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000029	-.000029
		STD 1	.100000	.095056	.004944
		STD 2	.500000	.498538	.001462
		STD 3	1.00000	1.00620	-.006197

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100475	-.000475
		STD 2	.500000	.499105	.000895
		STD 3	1.00000	.996874	.003126

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000014	-.000014
		STD 1	.100000	.096350	.003650
		STD 2	.500000	.490143	.009857
		STD 3	1.00000	.994685	.005315

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100183	-.000183
		STD 2	.500000	.499549	.000451
		STD 3	1.00000	.999852	.000148

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100626	-.000626
		STD 2	.500000	.501008	-.001008
		STD 3	1.00000	.993594	.006406

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000028	.000028
		STD 1	.100000	.103313	-.003313
		STD 2	.500000	.494527	.005473
		STD 3	1.00000	.978520	.021480

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099841	.000159
		STD 2	.500000	.499281	.000719
		STD 3	1.00000	1.00332	-.003318

CorCoef: 1.00000

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Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 09/25/08 21:25:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.391	1.0074	1.0068	1.0044	.99950	50.504	.99559
SDev	.187	.0028	.0002	.0034	.00217	.158	.00084
%RSD	.37039	.27886	.01725	.33629	.21702	.31256	.08479
#1	50.259	1.0094	1.0069	1.0020	.99797	50.392	.99499
#2	50.523	1.0054	1.0067	1.0068	1.0010	50.615	.99618
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0000	1.0012	1.0057	49.951	50.304	50.355	.99977
SDev	.0005	.0002	.0034	.003	.084	.023	.00001
%RSD	.05043	.02202	.34178	.00646	.16625	.04485	.00140
#1	1.0004	1.0014	1.0033	49.953	50.364	50.340	.99976
#2	.99968	1.0011	1.0081	49.949	50.245	50.371	.99978
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0052	50.051	1.0009	.98422	1.0144	1.0044	1.0099
SDev	.0056	.186	.0027	.00418	.0019	.0001	.0022
%RSD	.55289	.37086	.27245	.42425	.19022	.01031	.22204
#1	1.0013	49.920	.99902	.98718	1.0130	1.0044	1.0114
#2	1.0091	50.183	1.0029	.98127	1.0158	1.0043	1.0083
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0375	.95331	1.0382	1.0017	1.0194	1.0010	.99851
SDev	.0108	.00649	.0066	.0039	.0090	.0008	.00106
%RSD	1.0416	.68112	.63672	.39237	.87992	.07792	.10653
#1	1.0299	.94872	1.0428	.99891	1.0130	1.0016	.99775
#2	1.0452	.95790	1.0335	1.0045	1.0257	1.0005	.99926
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.98839	1.0016
SDev	.00587	.0009
%RSD	.59418	.09225
#1	.99254	1.0022
#2	.98424	1.0009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2937	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.0938992	--	--	--	--	--	--
#1	2939	--	--	--	--	--	--
#2	2935	--	--	--	--	--	--

Analysis Report QC Standard 09/25/08 09:36:19 PM page 1

Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 09/25/08 21:30:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.960	.36239	.37122	.37865	.37323	18.793	.36979
SDev	.119	.00870	.00149	.00260	.00246	.119	.00052
%RSD	.62525	2.3999	.40041	.68606	.65969	.63204	.14162
#1	19.044	.36854	.37227	.38048	.37497	18.877	.37016
#2	18.876	Q.35624	.37017	.37681	.37149	18.709	.36942
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36786	.38209	.36690	18.470	18.483	18.782	.37562
SDev	.00042	.00061	.00263	.031	.029	.025	.00024
%RSD	.11415	.15847	.71801	.16544	.15666	.13113	.06324
#1	.36816	.38252	.36876	18.492	18.503	18.799	.37578
#2	.36757	.38166	.36503	18.449	18.462	18.764	.37545
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37331	18.779	.37660	.36502	.38434	.37790	.38091
SDev	.00028	.061	.00323	.00462	.00475	.00163	.00688
%RSD	.07372	.32432	.85737	1.2662	1.2369	.43179	1.8075
#1	.37312	18.736	.37888	.36175	.38770	.37906	.38578
#2	.37351	18.822	.37431	.36829	.38098	.37675	.37605
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.39606	.36435	.38920	.38550	.38154	.36832	.37502
SDev	.00110	.00564	.00751	.00233	.00006	.00095	.00080
%RSD	.27639	1.5468	1.9295	.60413	.01515	.25733	.21315
#1	Q.39529	.36834	.39451	.38714	.38150	.36899	.37559
#2	Q.39684	.36037	.38389	.38385	.38158	.36765	.37446
Errors	QC Fail	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37857	.37153
SDev	.00151	.00008
%RSD	.39747	.02088
#1	.37963	.37158
#2	.37750	.37147
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2939	--	--	--	--	--	--
SDev	8.220117	--	--	--	--	--	--
%RSD	.2797207	--	--	--	--	--	--
#1	2933	--	--	--	--	--	--
#2	2944	--	--	--	--	--	--

Analysis Report Blank Sample 09/25/08 09:41:43 PM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 09/25/08 21:36:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	-.00008	-.00007	.00015	.00012	.00635	.00021
SDev	.00097	.00048	.00044	.00002	.00007	.00391	.00022
%RSD	32.487	595.51	671.09	10.025	61.701	61.497	109.51
#1	.00229	.00026	-.00038	.00016	.00007	.00359	.00005
#2	.00365	-.00042	.00025	.00014	.00017	.00911	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00700	.01000	.00100	.00500	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	-.00013	-.00015	.00224	.01761	.00748	.00017
SDev	.00053	.00008	.00018	.00662	.00468	.00134	.00015
%RSD	175.50	61.674	120.70	295.75	26.563	17.838	86.955
#1	-.00068	-.00007	-.00028	-.00244	.02092	.00654	.00007
#2	.00007	-.00018	-.00002	.00692	.01430	.00843	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00200	.00500	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.28796	-.00027	.00188	-.00244	-.00100	-.00273
SDev	.00114	.01850	.00004	.00119	.00130	.00126	.00403
%RSD	81.149	6.4231	14.718	63.111	53.187	125.95	147.69
#1	.00221	.30104	-.00030	.00272	-.00152	-.00011	-.00557
#2	.00060	.27488	-.00025	.00104	-.00336	-.00189	.00012
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.01000	.01000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00271	-.00545	.00063	-.00011	.00006	-.00045
SDev	.00249	.00060	.00574	.00003	.00349	.00016	.00025
%RSD	674.88	21.954	105.45	4.8837	3150.2	282.56	56.443
#1	-.00139	.00229	-.00951	.00065	-.00258	.00018	-.00027
#2	.00213	.00313	-.00139	.00061	.00235	-.00006	-.00062
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00310	.00056
SDev	.00292	.00023
%RSD	94.161	42.121
#1	.00104	.00039
#2	.00516	.00072
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00700	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2929	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1701833	--	--	--	--	--	--
#1	2933	--	--	--	--	--	--
#2	2926	--	--	--	--	--	--

Analysis Report Blank Sample 09/25/08 09:47:06 PM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 09/25/08 21:41:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20204	.01060	.02164	.00216	.00197	.49503	.00114
SDev	.00111	.00163	.00096	.00006	.00000	.00018	.00029
%RSD	.54942	15.429	4.4438	2.9713	.08611	.03663	25.704
#1	.20282	.01175	.02232	.00220	.00197	.49515	.00135
#2	.20125	.00944	.02096	.00211	.00197	.49490	.00093
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00371	.00356	.00925	.05399	.46916	.21000	.00302
SDev	.00080	.00081	.00052	.01324	.00658	.00043	.00008
%RSD	21.509	22.620	5.6013	24.524	1.4014	.20684	2.7761
#1	.00428	.00413	.00962	.06335	.47381	.20969	.00308
#2	.00315	.00299	.00889	.04463	.46451	.21030	.00296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01115	1.4269	.00902	.01014	.00130	.00424	.01523
SDev	.00107	.1182	.00031	.00086	.00045	.00002	.00246
%RSD	9.5630	8.2833	3.4845	8.4682	34.635	.34966	16.158
#1	.01191	1.3433	.00924	.00953	.00162	.00426	.01698
#2	.01040	H1.5105	.00880	.01075	.00098	.00423	.01349
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01899	.02441	.01065	.00540	.01897	.00472	.01085
SDev	.00048	.00468	.00603	.00020	.00289	.00091	.00029
%RSD	2.5037	19.157	56.636	3.7407	15.232	19.307	2.6489
#1	.01933	.02110	.01491	.00554	.02101	.00536	.01105
#2	.01866	.02772	.00638	.00526	.01693	.00408	.01064
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01315	.00394
SDev	.00281	.00005
%RSD	21.334	1.1620
#1	H.01513	.00391
#2	.01116	.00397
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2964	--	--	--	--	--	--
SDev	9.864105	--	--	--	--	--	--
%RSD	.3328055	--	--	--	--	--	--
#1	2957	--	--	--	--	--	--
#2	2971	--	--	--	--	--	--

Analysis Report QC Standard 09/25/08 09:52:29 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 09/25/08 21:47:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	521.89	.00090	.00232	.00106	.00095	534.32	-.00187
SDev	2.20	.00317	.00098	.00001	.00001	2.20	.00007
%RSD	.42197	353.13	42.396	1.3261	.59987	.41101	3.8005
#1	520.33	-.00134	.00302	.00107	.00094	532.77	-.00192
#2	523.45	.00314	.00163	.00105	.00095	535.87	-.00182
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00291	-.00014	195.06	.02130	503.03	.00152
SDev	.00036	.00037	.00042	.16	.02495	.24	.00004
%RSD	69.012	12.670	296.05	.07961	117.14	.04690	2.3465
#1	.00078	-.00265	.00016	194.95	.03894	503.20	.00154
#2	.00027	-.00317	-.00044	195.17	.00366	502.87	.00149
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00172	.01021	.00002	.00232	.00431	.00365	-.00835
SDev	.00212	.24080	.00017	.00688	.00357	.00009	.00262
%RSD	123.19	2358.3	914.85	296.68	82.800	2.4329	31.384
#1	-.00022	.18048	.00014	.00718	.00179	.00358	-.01020
#2	-.00322	-.16006	-.00010	-.00255	.00683	.00371	-.00650
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00490	-.00822	-.00842	.00128	-.03869	.00028	-.00610
SDev	.00516	.00298	.00542	.00037	.00544	.00009	.00026
%RSD	105.29	36.284	64.422	28.467	14.065	31.929	4.2226
#1	-.00855	-.00611	-.01225	.00154	-.03485	.00022	-.00629
#2	-.00125	-.01033	-.00458	.00103	Q-.04254	.00034	-.00592
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00490	.00068
SDev	.00294	.00142
%RSD	59.970	209.88
#1	.00697	.00168
#2	.00282	-.00033
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2772	--	--	--	--	--	--
SDev	5.038136	--	--	--	--	--	--
%RSD	.1817681	--	--	--	--	--	--
#1	2775	--	--	--	--	--	--
#2	2768	--	--	--	--	--	--

Analysis Report QC Standard 09/25/08 09:57:52 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 09/25/08 21:52:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	520.15	.10725	.02359	.52112	.49196	530.28	.97035
SDev	2.03	.00100	.00191	.00284	.00178	2.42	.00168
%RSD	.39107	.93214	8.0975	.54514	.36125	.45646	.17265
#1	518.71	.10654	.02224	.51911	.49070	528.57	.97153
#2	521.58	.10796	.02495	.52313	.49321	531.99	.96916
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48551	.50085	.51402	97.089	.01370	496.42	.49104
SDev	.00073	.00028	.00257	.123	.01495	.61	.00058
%RSD	.15119	.05501	.49940	.12672	109.11	.12367	.11826
#1	.48603	.50105	.51220	97.176	.02427	496.85	.49145
#2	.48500	.50066	.51583	97.002	.00313	495.98	.49063
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.06244	.95870	.04974	.05620	.05405	.05307
SDev	.00113	.25173	.00384	.00600	.00039	.00226	.00297
%RSD	88.374	403.17	.40088	12.057	.69715	4.1786	5.5907
#1	.00048	.24044	.95598	.05398	.05648	.05565	.05097
#2	.00207	-.11556	.96141	.04550	.05592	.05245	.05517
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65320	.05058	.05432	.00250	.08357	.50391	.95899
SDev	.00057	.00965	.00928	.00040	.00771	.00068	.00034
%RSD	.08746	19.086	17.079	15.821	9.2259	.13556	.03575
#1	.65360	.05740	.04776	.00278	Q.07812	.50439	.95875
#2	.65280	.04375	.06088	.00222	.08902	.50343	.95923
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00520	.21250
SDev	.00937	.00039
%RSD	180.27	.18550
#1	-.00143	.21278
#2	.01183	.21222
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2770	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1052997	--	--	--	--	--	--
#1	2772	--	--	--	--	--	--
#2	2768	--	--	--	--	--	--

Analysis Report QC Standard 09/25/08 10:04:45 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/25/08 21:59:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.950	.47889	.48977	.49852	.49090	24.718	.48556
SDev	.025	.00161	.00101	.00140	.00050	.020	.00082
%RSD	.10153	.33711	.20562	.28025	.10254	.07921	.16955
#1	24.968	.47775	.48906	.49950	.49125	24.732	.48498
#2	24.932	.48003	.49048	.49753	.49054	24.704	.48614
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48311	.50511	.48401	24.357	24.665	24.584	.49587
SDev	.00026	.00032	.00130	.022	.041	.050	.00030
%RSD	.05274	.06365	.26835	.09231	.16760	.20539	.06153
#1	.48293	.50533	.48493	24.341	24.636	24.548	.49565
#2	.48329	.50488	.48309	24.373	24.695	24.620	.49608
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48921	24.817	.49328	.48617	.50057	.49578	.49925
SDev	.00333	.011	.00243	.00507	.00101	.00101	.00044
%RSD	.68009	.04242	.49203	1.0423	.20186	.20440	.08776
#1	.48685	24.825	.49500	.48259	.50129	.49506	.49894
#2	.49156	24.810	.49156	.48975	.49986	.49649	.49956
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50946	.47646	.51066	.50799	.50395	.48525	.49262
SDev	.00091	.00392	.00130	.00041	.00690	.00093	.00053
%RSD	.17806	.82339	.25542	.08054	1.3696	.19242	.10789
#1	.50882	.47368	.51158	.50828	.49907	.48459	.49224
#2	.51010	.47923	.50973	.50770	.50883	.48591	.49299
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49382	.49337
SDev	.00218	.00014
%RSD	.44243	.02909
#1	.49228	.49326
#2	.49537	.49347
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2929	--	--	--	--	--	--
SDev	.1589955	--	--	--	--	--	--
%RSD	.0054277	--	--	--	--	--	--
#1	2929	--	--	--	--	--	--
#2	2929	--	--	--	--	--	--

Analysis Report Blank Sample 09/25/08 10:10:10 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/25/08 22:04:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02004	.00227	.00073	.00014	.00013	.02124	.00036
SDev	.00186	.00028	.00174	.00015	.00001	.00009	.00007
%RSD	9.2804	12.540	236.54	114.13	6.9960	.40894	20.144
#1	.02135	.00247	-.00049	.00003	.00012	.02118	.00041
#2	.01872	.00207	.00196	.00025	.00013	.02130	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.00008	.00032	.02182	.02143	.02153	.00021
SDev	.00023	.00027	.00021	.01323	.01307	.00493	.00002
%RSD	31.588	324.76	64.742	60.610	60.955	22.903	9.1817
#1	.00056	-.00011	.00018	.01247	.03067	.01805	.00020
#2	.00088	.00028	.00047	.03117	.01220	.02502	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	-.06304	.00006	-.00270	.00162	.00018	.00009
SDev	.00064	.07478	.00042	.00338	.00035	.00136	.00297
%RSD	50.656	118.62	700.66	124.98	21.472	758.09	3339.2
#1	.00172	-.01016	.00035	-.00509	.00137	-.00078	-.00201
#2	.00081	-.11592	-.00024	-.00031	.00186	.00114	.00219
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00107	-.00272	.00149	.00011	.00455	.00081	-.00009
SDev	.00439	.00155	.00368	.00034	.00449	.00041	.00050
%RSD	410.10	57.086	246.29	300.38	98.803	50.680	557.62
#1	.00203	-.00382	-.00111	-.00013	.00137	.00052	-.00045
#2	-.00417	-.00162	.00409	.00035	.00773	.00110	.00027
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00244	.00025
SDev	.00308	.00020
%RSD	126.28	82.699
#1	.00461	.00010
#2	.00026	.00039
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2939	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.2165110	--	--	--	--	--	--
#1	2944	--	--	--	--	--	--
#2	2935	--	--	--	--	--	--

Analysis Report 09/25/08 10:15:34 PM page 1

Method: TRACE2 Sample Name: AD854425/MS Operator: AH
Run Time: 09/25/08 22:10:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.117	.21945	.27922	.21749	.19364	48.514	.19264
SDev	.004	.00218	.00030	.00032	.00008	.018	.00017
%RSD	.03476	.99224	.10756	.14656	.04341	.03805	.08766
#1	11.115	.22099	.27901	.21726	.19358	48.501	.19276
#2	11.120	.21791	.27943	.21771	.19370	48.527	.19252
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19500	.19450	.19771	9.7750	37.763	9.8157	.19683
SDev	.00056	.00134	.00026	.0236	.122	.0065	.00027
%RSD	.28485	.68615	.13152	.24127	.32240	.06612	.13702
#1	.19540	.19545	.19790	9.7917	37.849	9.8203	.19702
#2	.19461	.19356	.19753	9.7584	37.677	9.8111	.19664
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33161	226.89	.22809	.18950	.19853	.19552	.17039
SDev	.00005	.26	.00084	.00286	.00228	.00057	.00007
%RSD	.01590	.11553	.36727	1.5071	1.1502	.29259	.04282
#1	.33165	227.08	.22868	.18748	.20015	.19593	.17034
#2	.33157	226.70	.22749	.19152	.19692	.19512	.17044
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20352	.15873	.17622	.19458	.19902	.20324	.20235
SDev	.00200	.00641	.00310	.00039	.00245	.00110	.00083
%RSD	.98404	4.0371	1.7560	.20225	1.2307	.54239	.41046
#1	.20210	.15420	.17841	.19430	.19729	.20402	.20293
#2	.20493	.16326	.17403	.19486	.20075	.20246	.20176
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20041	.05003
SDev	.00058	.00038
%RSD	.28969	.76415
#1	.20082	.04976
#2	.20000	.05030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3021	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.2282462	--	--	--	--	--	--
#1	3016	--	--	--	--	--	--
#2	3025	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854426/SD Operator: AH
Run Time: 09/25/08 22:15:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.275	.21847	.28424	.22083	.19772	49.592	.19635
SDev	.007	.00361	.00166	.00076	.00003	.021	.00019
%RSD	.06530	1.6528	.58423	.34551	.01440	.04157	.09562
#1	11.270	.22102	.28306	.22137	.19770	49.578	.19621
#2	11.281	.21592	.28541	.22029	.19774	49.607	.19648
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19875	.19902	.20112	9.9788	37.977	10.038	.20063
SDev	.00040	.00060	.00012	.0053	.019	.012	.00014
%RSD	.20249	.30402	.05910	.05337	.05118	.11488	.06911
#1	.19903	.19945	.20121	9.9751	37.990	10.030	.20073
#2	.19846	.19859	.20104	9.9826	37.963	10.046	.20053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.33638	227.66	.23185	.19854	.19942	.19912	.17759
SDev	.00148	.18	.00031	.00313	.00143	.00009	.00134
%RSD	.43886	.08065	.13289	1.5755	.71620	.04470	.75640
#1	.33533	227.79	.23207	.19633	.20043	.19906	.17854
#2	.33742	227.53	.23163	.20075	.19841	.19919	.17664
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20289	.18015	.17631	.19871	.20085	.20701	.20858
SDev	.00352	.00479	.00441	.00010	.01292	.00034	.00092
%RSD	1.7348	2.6575	2.5005	.05140	6.4344	.16421	.44011
#1	.20538	.17676	.17943	.19878	.19171	.20725	.20793
#2	.20040	.18353	.17320	.19864	.20999	.20677	.20923
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20636	.05086
SDev	.00409	.00008
%RSD	1.9832	.15908
#1	.20925	.05080
#2	.20346	.05092
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3031	--	--	--	--	--	--
SDev	6.151794	--	--	--	--	--	--
%RSD	.2029943	--	--	--	--	--	--
#1	3026	--	--	--	--	--	--
#2	3035	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854427 Operator: AH
Run Time: 09/25/08 22:21:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4854	.00324	.01653	.17456	-.00007	225.06	-.00009
SDev	.0032	.00439	.00107	.00039	.00004	.29	.00022
%RSD	.21788	135.34	6.4803	.22515	53.668	.13070	242.27
#1	1.4831	.00014	.01728	.17428	-.00010	224.85	.00006
#2	1.4877	.00634	.01577	.17483	-.00004	225.27	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00112	.01377	.02437	.05642	19.418	.02528	.00087
SDev	.00008	.00003	.00073	.00069	.032	.00621	.00000
%RSD	6.7574	.25682	2.9834	1.2301	.16506	24.572	.07934
#1	.00118	.01380	.02488	.05691	19.396	.02089	.00087
#2	.00107	.01375	.02386	.05593	19.441	.02967	.00087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26790	370.61	.02786	.00378	-.00096	.00062	.00260
SDev	.00160	.26	.00093	.00543	.00152	.00079	.00017
%RSD	.59618	.06962	3.3253	143.42	158.76	127.67	6.3651
#1	.26677	370.43	.02852	-.00005	.00012	.00006	.00248
#2	.26903	370.80	.02721	.00762	-.00203	.00118	.00272
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00236	.00907	-.00063	.00064	-.00060	.00574	.00987
SDev	.00065	.00513	.00232	.00009	.01607	.00008	.00037
%RSD	27.584	56.595	366.21	14.158	2677.2	1.4716	3.7351
#1	-.00190	.00544	.00101	.00058	.01076	.00580	.00961
#2	-.00282	.01270	-.00227	.00071	L-.01196	.00568	.01013
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00368	.00083
SDev	.00293	.00042
%RSD	79.782	50.639
#1	.00575	.00053
#2	.00160	.00113
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2950	--	--	--	--	--	--
SDev	2.015151	--	--	--	--	--	--
%RSD	.0683143	--	--	--	--	--	--
#1	2948	--	--	--	--	--	--
#2	2951	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854428 Operator: AH
Run Time: 09/25/08 22:26:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23063	.01946	12.277	1.6574	-.00008	543.03	-.00049
SDev	.00286	.00309	.015	.0027	.00002	.32	.00042
%RSD	1.2404	15.857	.12175	.16593	28.371	.05880	87.410
#1	.23265	.02164	12.266	1.6555	-.00009	542.81	-.00019
#2	.22860	.01728	12.288	1.6593	-.00006	543.26	-.00079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01631	.06571	.00743	120.79	249.98	128.06	11.414
SDev	.00069	.00070	.00084	.08	.15	.16	.006
%RSD	4.2524	1.0686	11.359	.06668	.06039	.12847	.05098
#1	.01680	.06621	.00803	120.85	249.87	128.17	11.418
#2	.01582	.06521	.00683	120.73	250.09	127.94	11.410
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00428	H663.71	.18475	.01021	.00427	.00625	-.00749
SDev	.00038	.55	.00087	.00142	.00091	.00014	.00907
%RSD	8.9689	.08331	.46857	13.877	21.313	2.1645	121.01
#1	.00455	H663.32	.18536	.00920	.00491	.00634	-.00108
#2	.00401	H664.10	.18414	.01121	.00363	.00615	L-.01390
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00590	.00398	-.01323	.03613	L-.02400	.03750	1.5287
SDev	.00636	.00626	.01047	.00052	.00722	.00059	.0007
%RSD	107.87	157.35	79.151	1.4476	30.094	1.5849	.04455
#1	.01040	.00841	-.00582	.03650	L-.02911	.03792	1.5282
#2	.00140	-.00045	-.02063	.03576	L-.01890	.03708	1.5292
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00746	.00060
SDev	.00540	.00054
%RSD	72.339	89.493
#1	.00364	.00098
#2	.01127	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2943	--	--	--	--	--	--
SDev	4.454807	--	--	--	--	--	--
%RSD	.1513464	--	--	--	--	--	--
#1	2947	--	--	--	--	--	--
#2	2940	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854429 Operator: AH
Run Time: 09/25/08 22:31:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34053	.01348	5.9199	.72888	-.00013	367.57	.00011
SDev	.00189	.00112	.0012	.00194	.00001	1.67	.00001
%RSD	.55396	8.2847	.01958	.26619	10.999	.45514	13.113
#1	.34186	.01427	5.9207	.72751	-.00015	366.39	.00012
#2	.33919	.01269	5.9191	.73026	-.00012	368.75	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00999	.04569	.00777	54.549	170.17	79.878	6.4379
SDev	.00034	.00029	.00014	.036	.26	.086	.0050
%RSD	3.3506	.62634	1.8474	.06624	.15461	.10814	.07820
#1	.00975	.04589	.00767	54.575	170.36	79.939	6.4415
#2	.01022	.04549	.00787	54.524	169.99	79.817	6.4344
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00592	H584.62	.13925	.00477	.00315	.00369	-.00099
SDev	.00058	1.69	.00005	.00162	.00026	.00037	.00005
%RSD	9.8515	.28899	.03568	34.063	8.3052	9.9382	5.2572
#1	.00551	H583.43	.13921	.00362	.00333	.00343	-.00096
#2	.00634	H585.82	.13928	.00592	.00296	.00395	-.00103
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00214	-.00256	.03413	L-.01023	.03308	2.0086
SDev	.00199	.00287	.00136	.00030	.00232	.00046	.0030
%RSD	1024.6	133.98	53.022	.86323	22.666	1.3799	.14963
#1	-.00160	.00417	-.00352	.03392	L-.01186	.03275	2.0107
#2	.00122	.00011	-.00160	.03434	-.00859	.03340	2.0065
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00896	.00069
SDev	.00033	.00049
%RSD	3.6668	70.871
#1	.00919	.00034
#2	.00872	.00104
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2981	--	--	--	--	--	--
SDev	11.56127	--	--	--	--	--	--
%RSD	.3877797	--	--	--	--	--	--
#1	2990	--	--	--	--	--	--
#2	2973	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854430 Operator: AH
Run Time: 09/25/08 22:37:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04429	.00080	.19304	.04065	-.00010	12.178	.00006
SDev	.00496	.00042	.00039	.00013	.00002	.088	.00004
%RSD	11.192	52.859	.20322	.30686	18.824	.72520	65.174
#1	.04780	.00110	.19332	.04056	-.00011	12.116	.00003
#2	.04079	.00050	.19276	.04073	-.00009	12.240	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00032	-.00009	.02767	.53298	2.5205	.00118
SDev	.00015	.00001	.00029	.00315	.01177	.0028	.00015
%RSD	168.66	3.0401	312.90	11.380	2.2081	.11284	12.979
#1	-.00019	.00032	.00011	.02990	.52466	2.5185	.00107
#2	.00002	.00031	-.00030	.02544	.54131	2.5225	.00129
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	123.06	.00018	.00187	-.00071	.00015	-.00052
SDev	.00013	.70	.00021	.00052	.00024	.00033	.00318
%RSD	79.813	.57277	114.82	27.714	33.752	221.71	617.30
#1	.00007	122.56	.00033	.00224	-.00054	.00039	.00173
#2	.00026	123.55	.00003	.00151	-.00088	-.00009	-.00276
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00278	-.00240	.00043	.00040	-.00008	.00034	.00309
SDev	.00084	.00004	.00475	.00044	.00466	.00008	.00027
%RSD	30.204	1.5069	1112.7	108.76	5920.8	22.975	8.6735
#1	-.00337	-.00237	.00379	.00071	-.00337	.00040	.00290
#2	-.00218	-.00243	-.00293	.00009	.00322	.00029	.00328
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00212	.00035
SDev	.00099	.00012
%RSD	46.912	33.142
#1	.00282	.00027
#2	.00142	.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2962	--	--	--	--	--	--
SDev	14.21274	--	--	--	--	--	--
%RSD	.4798765	--	--	--	--	--	--
#1	2972	--	--	--	--	--	--
#2	2952	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854431 Operator: AH
Run Time: 09/25/08 22:42:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.2318	.00878	.10299	.13249	.00220	61.068	.00107
SDev	.0063	.00189	.00047	.00035	.00000	.002	.00009
%RSD	.19399	21.520	.45860	.26445	.10958	.00324	8.5046
#1	3.2273	.01011	.10332	.13274	.00221	61.067	.00114
#2	3.2362	.00744	.10265	.13225	.00220	61.070	.00101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03612	-.00011	.00888	173.94	3.5498	18.461	1.4500
SDev	.00013	.00011	.00064	.06	.0304	.018	.0005
%RSD	.36064	100.30	7.2399	.03412	.85604	.09900	.03235
#1	.03621	-.00019	.00843	173.98	3.5713	18.474	1.4503
#2	.03603	-.00003	.00934	173.90	3.5284	18.448	1.4497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00403	20.491	.04258	.00547	.00091	.00243	-.00454
SDev	.00097	.106	.00112	.00846	.00341	.00054	.00079
%RSD	23.981	.51490	2.6400	154.57	375.38	22.407	17.500
#1	.00472	20.565	.04179	.01146	-.00150	.00281	-.00510
#2	.00335	20.416	.04338	-.00051	.00332	.00204	-.00398
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	.00982	-.01171	.01522	L-.02387	.00193	.09150
SDev	.00073	.00284	.00261	.00040	.00074	.00029	.00018
%RSD	54.581	28.898	22.276	2.5974	3.0907	14.924	.19892
#1	-.00083	.01182	-.01356	.01494	L-.02335	.00173	.09137
#2	-.00187	.00781	-.00987	.01550	L-.02440	.00214	.09163
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00705	.00035
SDev	.00224	.00071
%RSD	31.799	204.82
#1	.00864	.00085
#2	.00547	-.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3251	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1729056	--	--	--	--	--	--
#1	3247	--	--	--	--	--	--
#2	3255	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854432 Operator: AH
Run Time: 09/25/08 22:48:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03403	.00262	.04533	.02946	.00021	223.32	.00178
SDev	.00288	.00088	.00072	.00022	.00000	.05	.00026
%RSD	8.4767	33.446	1.5828	.75847	2.1273	.02122	14.583
#1	.03607	.00200	.04584	.02930	.00020	223.35	.00196
#2	.03199	.00324	.04482	.02962	.00021	223.28	.00159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06045	-.00038	-.00001	17.678	9.1234	52.064	.99935
SDev	.00046	.00034	.00118	.034	.0258	.114	.00127
%RSD	.76646	91.616	9697.8	.18964	.28290	.21893	.12696
#1	.06078	-.00013	.00082	17.702	9.1416	52.145	1.0003
#2	.06012	-.00062	-.00084	17.655	9.1051	51.983	.99846
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	12.916	.10736	.00153	-.00193	-.00078	-.00521
SDev	.00038	.236	.00009	.00440	.00370	.00100	.00438
%RSD	55.938	1.8282	.08244	287.45	191.43	128.70	84.181
#1	.00096	12.749	.10730	-.00158	.00068	-.00007	-.00211
#2	.00041	13.083	.10743	.00464	-.00455	-.00149	-.00831
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00656	-.00482	-.00540	.00029	-.00022	-.00055	.19750
SDev	.00065	.00176	.00746	.00022	.00048	.00065	.00117
%RSD	9.8529	36.544	138.09	74.979	213.91	116.94	.59118
#1	-.00701	-.00607	-.00013	.00014	-.00056	-.00010	.19833
#2	-.00610	-.00358	-.01067	.00044	.00011	-.00101	.19668
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00281	.00007
SDev	.00035	.00039
%RSD	12.611	531.72
#1	.00306	-.00020
#2	.00256	.00035
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2972	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.1017024	--	--	--	--	--	--
#1	2974	--	--	--	--	--	--
#2	2970	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854433 Operator: AH
Run Time: 09/25/08 22:53:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01950	-.00087	.00730	.00015	-.00010	.08785	.00010
SDev	.00161	.00174	.00116	.00003	.00001	.01280	.00007
%RSD	8.2627	198.68	15.875	17.347	10.382	14.570	72.359
#1	.01836	-.00210	.00812	.00017	-.00009	.07880	.00015
#2	.02064	.00035	.00648	.00013	-.00011	.09690	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00034	-.00052	-.00037	.01005	.01530	.00969	.00010
SDev	.00045	.00015	.00007	.00974	.01628	.00146	.00024
%RSD	131.61	29.115	19.368	96.943	106.45	15.117	233.99
#1	-.00002	-.00063	-.00042	.00316	.02681	.00865	-.00007
#2	-.00065	-.00042	-.00032	.01694	.00378	.01072	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	.09591	-.00031	.00382	-.00231	-.00027	.00239
SDev	.00061	.07794	.00017	.00051	.00093	.00079	.00394
%RSD	1592.6	81.254	54.690	13.333	40.434	294.08	164.63
#1	-.00047	.15102	-.00019	.00346	-.00297	-.00083	.00518
#2	.00039	.04081	-.00043	.00418	-.00165	.00029	-.00039
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00459	.00614	.00052	.00023	-.00071	-.00035	.00104
SDev	.00208	.00553	.00314	.00025	.00236	.00057	.00012
%RSD	45.303	90.008	606.70	110.10	333.47	163.28	11.704
#1	-.00606	.01005	.00274	.00040	-.00238	-.00075	.00096
#2	-.00312	.00223	-.00171	.00005	.00096	.00005	.00113
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00278	.00042
SDev	.00054	.00016
%RSD	19.393	37.657
#1	.00240	.00053
#2	.00316	.00031
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2979	--	--	--	--	--	--
SDev	3.288150	--	--	--	--	--	--
%RSD	.1103610	--	--	--	--	--	--
#1	2977	--	--	--	--	--	--
#2	2982	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854434 Operator: AH
Run Time: 09/25/08 22:58:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01786	-.00163	.03385	.09624	-.00001	92.057	-.00020
SDev	.00310	.00232	.00122	.00003	.00001	.030	.00001
%RSD	17.381	142.57	3.6081	.02611	36.021	.03222	3.7386
#1	.01567	-.00327	.03298	.09625	-.00001	92.078	-.00019
#2	.02006	.00001	.03471	.09622	-.00002	92.036	-.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	-.00045	.00009	4.8271	1.3378	50.028	.05468
SDev	.00057	.00097	.00067	.0076	.0322	.106	.00003
%RSD	127.84	216.69	752.48	.15767	2.4037	.21232	.06330
#1	-.00085	-.00113	-.00038	4.8217	1.3606	50.104	.05465
#2	-.00004	.00024	.00056	4.8324	1.3151	49.953	.05470
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	20.041	.00043	.00305	-.00136	.00011	-.00189
SDev	.00057	.269	.00107	.00870	.00775	.00227	.00149
%RSD	52.994	1.3416	250.05	284.86	571.42	2030.3	79.081
#1	.00149	20.231	-.00033	.00921	-.00684	-.00150	-.00083
#2	.00068	19.851	.00118	-.00310	.00413	.00172	-.00294
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00236	.00441	-.00503	.00004	.00142	-.00071	.01376
SDev	.00250	.00022	.00213	.00032	.00119	.00098	.00031
%RSD	106.17	4.9615	42.263	869.79	83.342	137.91	2.2616
#1	-.00059	.00457	-.00353	.00027	.00226	-.00140	.01354
#2	-.00412	.00426	-.00654	-.00019	.00058	-.00002	.01398
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00579	.00075
SDev	.00226	.00028
%RSD	39.019	36.953
#1	.00739	.00094
#2	.00419	.00055
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2963	--	--	--	--	--	--
SDev	12.99309	--	--	--	--	--	--
%RSD	.4384465	--	--	--	--	--	--
#1	2954	--	--	--	--	--	--
#2	2973	--	--	--	--	--	--

Analysis Report QC Standard 09/25/08 11:11:09 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/25/08 23:05:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.882	.47918	.49144	.49776	.48994	24.664	.48597
SDev	.027	.00476	.00063	.00103	.00066	.015	.00111
%RSD	.10783	.99398	.12899	.20787	.13542	.06252	.22733
#1	24.863	.48255	.49189	.49849	.49041	24.654	.48519
#2	24.901	.47582	.49100	.49703	.48947	24.675	.48675
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48397	.50451	.48253	24.301	24.675	24.697	.49432
SDev	.00049	.00008	.00007	.032	.042	.043	.00042
%RSD	.10180	.01633	.01452	.13042	.17140	.17362	.08489
#1	.48362	.50445	.48258	24.279	24.704	24.667	.49403
#2	.48431	.50457	.48248	24.323	24.645	24.728	.49462
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49028	24.575	.49305	.48568	.50006	.49527	.50432
SDev	.00149	.220	.00082	.00138	.00291	.00240	.00372
%RSD	.30465	.89478	.16725	.28461	.58178	.48474	.73835
#1	.48923	24.420	.49247	.48470	.49800	.49357	.50168
#2	.49134	24.731	.49363	.48666	.50211	.49697	.50695
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51186	.48332	.51482	.50792	.50680	.48462	.49198
SDev	.00454	.01119	.00001	.00022	.00177	.00036	.00121
%RSD	.88713	2.3150	.00173	.04288	.34852	.07484	.24634
#1	.50865	.47540	.51483	.50777	.50556	.48487	.49112
#2	.51507	.49123	.51482	.50808	.50805	.48436	.49283
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49516	.49252
SDev	.00503	.00044
%RSD	1.0159	.08842
#1	.49160	.49221
#2	.49871	.49282
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2934	--	--	--	--	--	--
SDev	11.72026	--	--	--	--	--	--
%RSD	.3994380	--	--	--	--	--	--
#1	2942	--	--	--	--	--	--
#2	2926	--	--	--	--	--	--

Analysis Report Blank Sample 09/25/08 11:16:35 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/25/08 23:11:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00481	-.00013	.00107	.00008	-.00001	.00061	-.00001
SDev	.00475	.00300	.00090	.00017	.00001	.00020	.00020
%RSD	98.718	2251.1	84.612	228.35	86.676	32.946	2385.7
#1	-.00145	.00199	.00043	.00020	-.00002	.00076	-.00015
#2	-.00817	-.00226	.00171	-.00005	-.00000	.00047	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.00029	-.00062	-.00148	.01491	.00330	-.00000
SDev	.00011	.00033	.00015	.00262	.00616	.00227	.00013
%RSD	105.03	115.04	24.344	176.93	41.279	68.719	26993.
#1	-.00019	-.00053	-.00072	-.00334	.01056	.00490	-.00009
#2	-.00003	-.00005	-.00051	.00037	.01927	.00170	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00192	.16137	-.00046	.00409	-.00188	.00011	-.00014
SDev	.00116	.28880	.00045	.00457	.00134	.00241	.00324
%RSD	60.543	178.97	99.592	111.82	71.055	2288.9	2375.8
#1	.00274	.36558	-.00013	.00732	-.00094	.00181	.00215
#2	.00110	-.04284	-.00078	.00086	-.00283	-.00160	-.00243
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00302	-.00295	.00127	.00029	.00600	-.00006	.00008
SDev	.00373	.00134	.00553	.00064	.00092	.00065	.00000
%RSD	123.49	45.508	434.75	221.30	15.361	1118.7	.39598
#1	-.00038	-.00390	.00518	.00075	.00666	-.00052	.00008
#2	-.00566	-.00200	-.00264	-.00016	.00535	.00040	.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00050	.00039
SDev	.00426	.00041
%RSD	852.56	104.11
#1	.00352	.00068
#2	-.00252	.00010
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2951	--	--	--	--	--	--
SDev	1.750158	--	--	--	--	--	--
%RSD	.0593076	--	--	--	--	--	--
#1	2950	--	--	--	--	--	--
#2	2952	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854435 Operator: AH
Run Time: 09/25/08 23:16:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02637	-.00135	.03748	.03089	-.00002	79.793	.00033
SDev	.00356	.00072	.00058	.00013	.00003	.357	.00025
%RSD	13.495	53.109	1.5540	.40573	203.29	.44745	74.731
#1	.02385	-.00084	.03789	.03098	-.00004	80.046	.00016
#2	.02888	-.00186	.03707	.03081	.00001	79.541	.00051
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00024	.00253	.05636	1.2487	38.675	.00800
SDev	.00026	.00022	.00001	.00447	.0049	.077	.00006
%RSD	96.102	88.208	.56377	7.9381	.38954	.19851	.70718
#1	-.00009	.00009	.00252	.05320	1.2521	38.730	.00796
#2	-.00046	.00040	.00254	.05953	1.2452	38.621	.00804
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	9.0122	.00037	.00236	.00136	.00169	-.00138
SDev	.00080	.2699	.00016	.00284	.00057	.00133	.00171
%RSD	118.26	2.9950	44.421	120.42	42.409	78.688	123.35
#1	.00124	9.2030	.00049	.00035	.00095	.00075	-.00259
#2	.00011	8.8213	.00025	.00437	.00176	.00263	-.00018
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00300	.00414	-.00414	.00074	.00233	-.00023	.26483
SDev	.00318	.00734	.00111	.00016	.00133	.00057	.00117
%RSD	105.82	177.26	26.829	21.127	57.319	245.27	.44224
#1	-.00076	-.00105	-.00336	.00063	.00138	.00017	.26566
#2	-.00525	.00933	-.00493	.00085	.00327	-.00064	.26400
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00256	-.00001
SDev	.00135	.00016
%RSD	52.677	1848.7
#1	.00351	.00010
#2	.00161	-.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2962	--	--	--	--	--	--
SDev	6.098796	--	--	--	--	--	--
%RSD	.2059213	--	--	--	--	--	--
#1	2957	--	--	--	--	--	--
#2	2966	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854436 Operator: AH
Run Time: 09/25/08 23:22:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03857	.00104	.04765	.03384	.00001	81.629	.00028
SDev	.00287	.00375	.00185	.00032	.00006	.352	.00016
%RSD	7.4310	361.16	3.8781	.93354	859.49	.43063	55.382
#1	.04060	.00368	.04896	.03362	-.00003	81.380	.00040
#2	.03655	-.00161	.04635	.03406	.00005	81.877	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00039	.00763	.15615	1.3733	38.417	.03030
SDev	.00034	.00016	.00121	.00741	.0147	.006	.00005
%RSD	40.241	39.907	15.865	4.7487	1.0732	.01689	.16356
#1	.00108	.00028	.00849	.16139	1.3629	38.422	.03034
#2	.00060	.00050	.00678	.15090	1.3838	38.413	.03027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	8.2780	.00082	-.00033	.00037	.00014	.00079
SDev	.00029	.2272	.00064	.00427	.00185	.00019	.00316
%RSD	89.355	2.7447	77.965	1303.3	499.81	135.29	399.01
#1	.00012	8.1173	.00127	-.00335	.00168	.00001	.00303
#2	.00053	8.4387	.00037	.00269	-.00094	.00027	-.00144
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00463	.00101	.00069	.00009	-.00524	.00011	.14480
SDev	.00487	.00196	.00377	.00001	.00304	.00041	.00034
%RSD	105.15	194.04	549.66	6.3494	58.011	364.26	.23747
#1	-.00808	.00239	.00335	.00009	-.00309	.00040	.14456
#2	-.00119	-.00038	-.00198	.00008	-.00739	-.00018	.14504
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00348	.00026
SDev	.00010	.00016
%RSD	2.8073	62.377
#1	.00341	.00014
#2	.00355	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2938	--	--	--	--	--	--
SDev	9.492943	--	--	--	--	--	--
%RSD	.3231241	--	--	--	--	--	--
#1	2945	--	--	--	--	--	--
#2	2931	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854437 Operator: AH
Run Time: 09/25/08 23:27:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03345	.00302	.17931	.03792	-.00005	69.151	.00090
SDev	.00381	.00090	.00159	.00002	.00002	.020	.00001
%RSD	11.388	29.699	.88647	.06256	35.035	.02875	.89972
#1	.03076	.00365	.17819	.03790	-.00006	69.165	.00090
#2	.03615	.00238	.18044	.03794	-.00004	69.137	.00091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00029	.00938	2.3521	1.4734	35.390	.03601
SDev	.00052	.00032	.00103	.0120	.0283	.013	.00001
%RSD	275.60	108.45	10.956	.50887	1.9207	.03793	.03277
#1	-.00056	.00007	.00866	2.3436	1.4934	35.400	.03600
#2	.00018	.00052	.01011	2.3606	1.4533	35.381	.03602
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00784	23.523	.00056	.00465	.00367	.00399	-.00479
SDev	.00031	.023	.00068	.00440	.00134	.00057	.00336
%RSD	3.9407	.09984	121.50	94.752	36.606	14.287	70.199
#1	.00806	23.539	.00008	.00776	.00272	.00440	-.00241
#2	.00762	23.506	.00104	.00153	.00462	.00359	-.00717
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00518	-.00404	-.00517	-.00020	-.00364	-.00009	1.1912
SDev	.00209	.01146	.00069	.00011	.00540	.00097	.0003
%RSD	40.256	283.90	13.261	58.254	148.31	1083.6	.02833
#1	-.00371	.00407	-.00565	-.00028	-.00746	-.00078	1.1914
#2	-.00666	-.01214	-.00468	-.00012	.00018	.00060	1.1909
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00343	.00064
SDev	.00112	.00108
%RSD	32.673	167.73
#1	.00422	.00141
#2	.00264	-.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2970	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0178562	--	--	--	--	--	--
#1	2970	--	--	--	--	--	--
#2	2970	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854438 Operator: AH
Run Time: 09/25/08 23:32:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16102	.00061	.36492	.56370	.00001	245.54	.00007
SDev	.00472	.00032	.00112	.00025	.00001	.23	.00004
%RSD	2.9323	52.643	.30819	.04497	52.670	.09182	52.098
#1	.15768	.00039	.36572	.56352	.00001	245.38	.00010
#2	.16435	.00084	.36413	.56388	.00002	245.70	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.00419	.00437	8.7649	29.047	102.70	.58456
SDev	.00004	.00001	.00081	.0050	.124	.18	.00030
%RSD	2.9174	.18282	18.449	.05688	.42592	.17922	.05124
#1	.00130	.00418	.00380	8.7614	29.135	102.83	.58477
#2	.00125	.00420	.00494	8.7685	28.960	102.57	.58435
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00019	76.356	.00890	.00012	.00358	.00243	-.00580
SDev	.00039	.224	.00115	.00014	.00051	.00039	.00081
%RSD	204.31	.29277	12.963	121.63	14.203	15.910	13.912
#1	-.00009	76.198	.00809	.00022	.00394	.00270	-.00637
#2	.00047	76.514	.00972	.00002	.00322	.00216	-.00523
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00181	-.00260	-.00740	.00501	.00127	.00297	.01704
SDev	.00168	.00902	.00330	.00041	.00604	.00016	.00041
%RSD	92.832	347.44	44.591	8.1235	475.96	5.3743	2.4182
#1	-.00062	-.00897	-.00507	.00472	-.00300	.00308	.01675
#2	-.00299	.00378	-.00973	.00530	.00554	.00285	.01733
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00682	.00012
SDev	.00283	.00012
%RSD	41.444	96.989
#1	.00882	.00004
#2	.00482	.00020
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2916	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.1782203	--	--	--	--	--	--
#1	2920	--	--	--	--	--	--
#2	2913	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854439 Operator: AH
Run Time: 09/25/08 23:38:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10114	.00479	3.5668	.34733	-.00024	64.734	.00000
SDev	.00045	.00240	.0010	.00007	.00000	.052	.00003
%RSD	.44365	50.084	.02920	.02167	1.9378	.07983	908.50
#1	.10145	.00310	3.5675	.34738	-.00024	64.697	-.00001
#2	.10082	.00649	3.5660	.34728	-.00024	64.771	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01033	.05930	.00882	21.481	197.63	228.24	.07553
SDev	.00108	.00015	.00025	.013	.44	.18	.00008
%RSD	10.484	.25985	2.8198	.06127	.22426	.07890	.10893
#1	.00956	.05919	.00865	21.472	197.94	228.11	.07547
#2	.01110	.05941	.00900	21.490	197.31	228.37	.07559
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00760	H1051.3	.11250	.01217	.00714	.00882	-.00124
SDev	.00013	.7	.00001	.00063	.00081	.00075	.00142
%RSD	1.7632	.07132	.00408	5.1919	11.303	8.4929	114.65
#1	.00751	H1051.9	.11249	.01262	.00771	.00935	-.00225
#2	.00770	H1050.8	.11250	.01173	.00657	.00829	-.00024
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00595	.00429	-.00401	.00688	-.00304	.00191	.10382
SDev	.00225	.00204	.00315	.00023	.00275	.00074	.00008
%RSD	37.746	47.450	78.666	3.3441	90.556	38.695	.07956
#1	-.00754	.00574	-.00624	.00672	-.00109	.00139	.10376
#2	-.00436	.00285	-.00178	.00704	-.00498	.00244	.10388
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01095	.00030
SDev	.00138	.00165
%RSD	12.611	543.44
#1	.01193	-.00086
#2	.00998	.00147
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2902	--	--	--	--	--	--
SDev	8.326286	--	--	--	--	--	--
%RSD	.2869142	--	--	--	--	--	--
#1	2896	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854440 Operator: AH
Run Time: 09/25/08 23:43:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12314	.00421	2.7841	.45103	-.00022	149.87	.00032
SDev	.00141	.00318	.0027	.00180	.00002	.67	.00032
%RSD	1.1428	75.393	.09624	.39966	8.2732	.44692	98.471
#1	.12414	.00646	2.7860	.45231	-.00020	150.34	.00055
#2	.12215	.00197	2.7822	.44976	-.00023	149.40	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00913	.02493	.00217	7.5208	169.23	189.21	.30296
SDev	.00001	.00066	.00013	.0231	.64	.73	.00102
%RSD	.11485	2.6431	5.9974	.30766	.38100	.38364	.33671
#1	.00914	.02540	.00226	7.5371	169.68	189.72	.30368
#2	.00912	.02447	.00208	7.5044	168.77	188.69	.30224
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	H723.18	.09733	.03169	.03788	.03582	-.00068
SDev	.00010	3.17	.00098	.00258	.00041	.00059	.00459
%RSD	9.2678	.43876	1.0024	8.1310	1.0757	1.6368	676.11
#1	.00095	H725.43	.09802	.02987	.03817	.03540	-.00392
#2	.00109	H720.94	.09664	.03351	.03759	.03623	.00256
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00079	-.00031	-.00086	.01341	-.00304	.01007	.03124
SDev	.00034	.00483	.00447	.00012	.00109	.00055	.00005
%RSD	43.276	1581.4	516.37	.86872	35.835	5.4791	.16941
#1	-.00103	-.00372	-.00402	.01333	-.00381	.01046	.03128
#2	-.00055	.00311	.00229	.01349	-.00227	.00968	.03120
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01227	-.00072
SDev	.00204	.00015
%RSD	16.653	21.609
#1	.01371	-.00061
#2	.01082	-.00083
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2930	--	--	--	--	--	--
SDev	16.49323	--	--	--	--	--	--
%RSD	.5629401	--	--	--	--	--	--
#1	2918	--	--	--	--	--	--
#2	2942	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854441 Operator: AH
Run Time: 09/25/08 23:49:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.70732	.00604	6.9706	1.0743	.00009	181.44	.00013
SDev	.00040	.00388	.0091	.0122	.00000	1.65	.00013
%RSD	.05681	64.257	.13121	1.1313	1.5987	.91067	98.652
#1	.70761	.00878	6.9642	1.0829	.00009	182.61	.00021
#2	.70704	.00329	6.9771	1.0657	.00009	180.27	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01127	.30754	.00639	39.037	H521.79	296.76	.16004
SDev	.00013	.00099	.00032	.071	1.48	.45	.00020
%RSD	1.1642	.32067	4.9494	.18299	.28442	.15104	.12646
#1	.01118	.30824	.00617	39.087	H522.84	297.07	.16018
#2	.01136	.30684	.00662	38.986	H520.74	296.44	.15989
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00260	H1232.8	.27670	.05239	.04843	.04975	.00017
SDev	.00099	10.6	.00267	.00734	.00632	.00177	.00153
%RSD	38.145	.85641	.96331	14.009	13.057	3.5658	922.36
#1	.00331	H1240.3	.27859	.05758	.04396	.04849	-.00092
#2	.00190	H1225.4	.27482	.04720	.05290	.05100	.00125
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00911	.01097	-.00523	.01434	-.00335	.00458	.21743
SDev	.00294	.00668	.00563	.00012	.00636	.00004	.00028
%RSD	32.306	60.894	107.61	.82588	189.89	.78806	.12636
#1	.01120	.01569	-.00922	.01443	.00115	.00461	.21763
#2	.00703	.00624	-.00125	.01426	-.00785	.00456	.21724
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02806	.00077
SDev	.00017	.00063
%RSD	.60357	81.587
#1	.02794	.00121
#2	.02818	.00033
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2742	--	--	--	--	--	--
SDev	18.72072	--	--	--	--	--	--
%RSD	.6827303	--	--	--	--	--	--
#1	2729	--	--	--	--	--	--
#2	2755	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854442 Operator: AH
Run Time: 09/25/08 23:54:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7291	.00489	4.5797	1.1843	-.00004	149.66	.00087
SDev	.0146	.00145	.0012	.0106	.00001	1.38	.00002
%RSD	.84190	29.610	.02628	.89219	22.562	.92350	1.6888
#1	1.7394	.00387	4.5789	1.1918	-.00004	150.63	.00085
#2	1.7188	.00592	4.5806	1.1769	-.00003	148.68	.00088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01041	.09485	.01288	31.271	259.96	293.58	.21146
SDev	.00012	.00032	.00060	.007	.21	.17	.00011
%RSD	1.1166	.33389	4.6623	.02286	.08235	.05697	.04998
#1	.01049	.09463	.01245	31.265	259.81	293.69	.21154
#2	.01033	.09507	.01330	31.276	260.11	293.46	.21139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00317	H1007.4	.23849	.03324	.03137	.03200	-.00421
SDev	.00075	6.4	.00185	.00672	.00198	.00092	.00507
%RSD	23.718	.63695	.77427	20.207	6.3034	2.8687	120.60
#1	.00371	H1012.0	.23980	.03799	.02998	.03265	-.00062
#2	.00264	H1002.9	.23719	.02849	.03277	.03135	-.00780
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	-.00243	-.00509	.05029	-.00919	.00638	.65349
SDev	.00125	.01363	.00080	.00218	.00204	.00026	.00177
%RSD	80.796	559.80	15.665	4.3385	22.238	4.0349	.27152
#1	.00243	.00720	-.00453	.05183	L-.01063	.00656	.65474
#2	.00066	-.01207	-.00566	.04874	-.00774	.00620	.65224
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01788	.00099
SDev	.00169	.00196
%RSD	9.4350	198.72
#1	.01907	.00237
#2	.01669	-.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2835	--	--	--	--	--	--
SDev	.9014921	--	--	--	--	--	--
%RSD	.0318016	--	--	--	--	--	--
#1	2834	--	--	--	--	--	--
#2	2835	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854443 Operator: AH
Run Time: 09/25/08 23:59:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19116	.00349	1.7389	.66729	-.00008	117.31	-.00007
SDev	.00261	.00036	.0013	.00208	.00002	.13	.00022
%RSD	1.3642	10.336	.07329	.31203	22.963	.11477	307.20
#1	.19300	.00324	1.7380	.66876	-.00007	117.40	.00008
#2	.18931	.00375	1.7398	.66581	-.00009	117.21	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00672	.01639	.00106	23.862	98.895	166.95	.08172
SDev	.00072	.00054	.00082	.028	.001	.38	.00004
%RSD	10.719	3.2871	77.176	.11652	.00129	.22630	.04873
#1	.00723	.01677	.00164	23.843	98.896	166.69	.08170
#2	.00621	.01601	.00048	23.882	98.894	167.22	.08175
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	340.06	.11642	.03758	.03287	.03444	-.00025
SDev	.00030	.69	.00061	.00158	.00013	.00061	.00003
%RSD	26.018	.20265	.52703	4.2143	.39851	1.7852	13.703
#1	.00135	340.55	.11686	.03646	.03277	.03400	-.00028
#2	.00093	339.57	.11599	.03870	.03296	.03487	-.00023
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00275	.01301	-.00688	.00665	.00154	.00229	.04384
SDev	.00195	.00261	.00136	.00017	.00001	.00035	.00068
%RSD	71.066	20.046	19.698	2.5410	.39007	15.143	1.5539
#1	.00413	.01485	-.00784	.00677	.00154	.00253	.04336
#2	.00137	.01116	-.00592	.00653	.00155	.00204	.04433
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01262	-.00001
SDev	.00087	.00018
%RSD	6.8921	2404.3
#1	.01201	-.00013
#2	.01324	.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2898	--	--	--	--	--	--
SDev	13.84158	--	--	--	--	--	--
%RSD	.4775449	--	--	--	--	--	--
#1	2889	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854317/PB Operator: AH
Run Time: 09/26/08 00:05:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02655	-.00044	.01225	.00010	-.00000	.06577	.00016
SDev	.00063	.00216	.00093	.00020	.00001	.00047	.00030
%RSD	2.3665	494.20	7.5734	205.99	193.54	.72174	184.65
#1	.02699	-.00196	.01291	.00024	.00000	.06611	-.00005
#2	.02610	.00109	.01159	-.00004	-.00001	.06544	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00179	-.00036	H.06747	.03266	.00732	.00045
SDev	.00042	.00030	.00003	.01004	.00341	.00122	.00013
%RSD	113.44	16.797	7.9219	14.874	10.453	16.681	29.212
#1	.00007	.00158	-.00038	H.06037	.03025	.00646	.00036
#2	.00067	.00200	-.00034	H.07457	.03507	.00818	.00054
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.07577	.00011	-.00259	-.00174	-.00202	-.00053
SDev	.00042	.21575	.00031	.00273	.00072	.00043	.00197
%RSD	48.315	284.74	295.08	105.53	41.569	21.128	372.57
#1	.00115	-.07679	.00033	-.00066	-.00225	-.00172	-.00192
#2	.00057	.22833	-.00012	-.00452	-.00123	-.00233	.00086
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00303	-.00231	.00015	.00568	.00099	.00188
SDev	.00483	.01308	.00359	.00006	.00430	.00033	.00026
%RSD	2785.4	431.32	155.31	43.357	75.582	33.382	13.621
#1	-.00324	-.00622	.00023	.00019	.00265	.00076	.00170
#2	.00359	.01228	-.00485	.00010	.00872	.00123	.00206
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00357	-.00000
SDev	.00036	.00012
%RSD	10.084	3602.5
#1	.00382	-.00009
#2	.00331	.00008
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2920	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.1253345	--	--	--	--	--	--
#1	2922	--	--	--	--	--	--
#2	2917	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 00:17:36 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 00:12:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.896	.47836	.49278	.49782	.48905	24.655	.48522
SDev	.045	.00382	.00123	.00009	.00054	.067	.00042
%RSD	.18030	.79807	.24982	.01742	.11096	.27143	.08632
#1	24.865	.48106	.49365	.49789	.48867	24.607	.48551
#2	24.928	.47566	.49191	.49776	.48944	24.702	.48492
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48391	.50350	.48145	24.231	24.810	24.604	.49345
SDev	.00047	.00124	.00011	.041	.019	.020	.00036
%RSD	.09734	.24540	.02354	.16807	.07529	.07999	.07322
#1	.48358	.50437	.48153	24.260	24.797	24.618	.49371
#2	.48424	.50263	.48137	24.202	24.824	24.590	.49320
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48997	24.697	.49121	.48899	.49916	.49578	.49605
SDev	.00055	.187	.00117	.00251	.00393	.00178	.00265
%RSD	.11283	.75789	.23819	.51389	.78651	.35940	.53405
#1	.49036	24.565	.49038	.49077	.49639	.49452	.49418
#2	.48958	24.829	.49203	.48722	.50194	.49704	.49793
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50972	.47898	.50460	.50833	.49933	.48631	.49192
SDev	.00362	.00098	.00446	.00033	.00154	.00010	.00042
%RSD	.70980	.20401	.88434	.06457	.30777	.01944	.08538
#1	.51228	.47967	.50144	.50810	.49824	.48637	.49222
#2	.50716	.47829	.50775	.50856	.50041	.48624	.49162
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.48810	.49247
SDev	.00320	.00062
%RSD	.65662	.12668
#1	.48584	.49291
#2	.49037	.49203
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2867	--	--	--	--	--	--
SDev	11.45510	--	--	--	--	--	--
%RSD	.3996091	--	--	--	--	--	--
#1	2858	--	--	--	--	--	--
#2	2875	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 00:23:02 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 00:17:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00694	-.00116	.00252	.00014	.00014	.00407	.00024
SDev	.00089	.00225	.00014	.00012	.00001	.00034	.00007
%RSD	12.839	194.25	5.5570	84.929	5.2263	8.3889	27.965
#1	.00631	.00043	.00242	.00005	.00014	.00431	.00029
#2	.00757	-.00275	.00262	.00022	.00015	.00383	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00023	.00016	.01130	-.00059	.00433	.00007
SDev	.00035	.00024	.00024	.00606	.03147	.00327	.00007
%RSD	239.41	102.20	148.48	53.607	5318.6	75.602	106.60
#1	-.00010	.00006	-.00001	.01558	.02166	.00664	.00012
#2	.00039	.00040	.00033	.00702	-.02284	.00201	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.06528	-.00023	-.00474	.00112	-.00083	.00055
SDev	.00079	.12737	.00011	.00098	.00200	.00101	.00242
%RSD	76.463	195.11	50.186	20.690	178.58	121.64	438.46
#1	.00160	-.02478	-.00031	-.00543	.00254	-.00012	-.00116
#2	.00048	.15534	-.00015	-.00404	-.00029	-.00154	.00226
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	-.00237	.00201	.00022	.00011	.00054	.00029
SDev	.00565	.00281	.00222	.00020	.00108	.00017	.00051
%RSD	333.99	118.78	110.47	92.771	1023.2	30.978	179.28
#1	.00230	-.00436	.00044	.00007	-.00066	.00066	.00065
#2	-.00569	-.00038	.00358	.00036	.00087	.00042	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00118	-.00002
SDev	.00149	.00040
%RSD	125.68	2082.8
#1	.00013	-.00030
#2	.00223	.00026
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2868	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.2551955	--	--	--	--	--	--
#1	2873	--	--	--	--	--	--
#2	2863	--	--	--	--	--	--

Analysis Report 09/26/08 00:28:27 AM page 1

Method: TRACE2 Sample Name: AD854316/FB Operator: AH
Run Time: 09/26/08 00:23:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8547	.19375	.19901	.19991	.19304	9.8080	.19401
SDev	.0096	.00035	.00043	.00085	.00010	.0110	.00014
%RSD	.09790	.18126	.21529	.42731	.05077	.11173	.07192
#1	9.8615	.19350	.19931	.20051	.19311	9.8157	.19411
#2	9.8479	.19400	.19871	.19930	.19297	9.8002	.19391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19404	.19458	.19051	9.7039	9.7532	9.7653	.19452
SDev	.00037	.00003	.00036	.0361	.0021	.0087	.00023
%RSD	.19231	.01530	.18822	.37204	.02134	.08889	.12046
#1	.19430	.19456	.19077	9.7294	9.7546	9.7714	.19468
#2	.19377	.19460	.19026	9.6784	9.7517	9.7591	.19435
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19479	10.075	.19315	.19088	.19710	.19503	.19507
SDev	.00327	.067	.00072	.00085	.00057	.00067	.00442
%RSD	1.6780	.66244	.37141	.44474	.29109	.34117	2.2651
#1	.19248	10.028	.19366	.19148	.19750	.19550	.19195
#2	.19710	10.122	.19265	.19028	.19669	.19456	.19820
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19471	.19341	.19591	.19392	.19583	.19277	.19573
SDev	.00033	.01165	.00081	.00041	.00807	.00030	.00011
%RSD	.16760	6.0214	.41087	.21253	4.1191	.15828	.05640
#1	.19494	.18517	.19534	.19421	.19013	.19298	.19565
#2	.19447	.20164	.19647	.19363	.20154	.19255	.19581
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19973	.04918
SDev	.00157	.00022
%RSD	.78403	.44812
#1	.20084	.04934
#2	.19862	.04903
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2916	--	--	--	--	--	--
SDev	9.651938	--	--	--	--	--	--
%RSD	.3309737	--	--	--	--	--	--
#1	2909	--	--	--	--	--	--
#2	2923	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854294 Operator: AH
Run Time: 09/26/08 00:28:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4419	.00636	.06613	1.2844	.00005	420.04	.00005
SDev	.0002	.00121	.00181	.0025	.00002	.22	.00010
%RSD	.01207	19.026	2.7413	.19673	36.183	.05286	187.63
#1	1.4418	.00551	.06485	1.2826	.00006	420.20	-.00002
#2	1.4421	.00722	.06741	1.2862	.00003	419.89	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00104	-.00030	.06491	31.276	.02475	.00069
SDev	.00027	.00015	.00052	.00746	.094	.00608	.00002
%RSD	120.21	14.782	174.77	11.489	.30192	24.564	2.9303
#1	.00003	.00093	.00007	.07018	31.209	.02905	.00070
#2	.00041	.00115	-.00066	.05964	31.343	.02045	.00068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06921	120.63	.02148	-.00058	.00041	.00008	-.00009
SDev	.00155	.53	.00090	.00269	.00090	.00029	.00082
%RSD	2.2403	.44100	4.2100	460.29	221.17	371.81	865.75
#1	.06812	121.00	.02212	.00132	-.00023	.00028	.00048
#2	.07031	120.25	.02084	-.00249	.00105	-.00013	-.00067
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.00181	-.00105	-.00035	.00367	.00921	.00243
SDev	.00210	.00288	.00267	.00027	.00596	.00010	.00026
%RSD	271.27	159.13	254.90	76.221	162.46	1.0725	10.751
#1	.00071	-.00023	.00084	-.00016	-.00055	.00928	.00261
#2	-.00226	.00384	-.00293	-.00054	.00789	.00914	.00224
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00176	-.00039
SDev	.00185	.00002
%RSD	105.26	4.1021
#1	.00045	-.00040
#2	.00307	-.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2903	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.1826819	--	--	--	--	--	--
#1	2899	--	--	--	--	--	--
#2	2907	--	--	--	--	--	--

Analysis Report 09/26/08 00:39:16 AM page 1

Method: TRACE2 Sample Name: AD854295 Operator: AH
Run Time: 09/26/08 00:33:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1902	.01967	.08711	.01506	-.00015	34.449	-.00001
SDev	.0018	.00117	.00172	.00020	.00001	.001	.00018
%RSD	.15350	5.9656	1.9699	1.3132	3.4485	.00399	1636.4
#1	1.1915	.02050	.08590	.01520	-.00015	34.450	-.00014
#2	1.1889	.01884	.08832	.01492	-.00016	34.448	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00056	.00111	.07083	27.804	.04010	.00075
SDev	.00034	.00004	.00017	.00258	.008	.00186	.00002
%RSD	42.434	6.8173	15.821	3.6469	.02749	4.6310	2.5055
#1	.00056	.00053	.00098	.06900	27.799	.04142	.00077
#2	.00104	.00058	.00123	.07265	27.809	.03879	.00074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13989	215.97	.03258	.00099	.00043	.00062	.00369
SDev	.00016	.17	.00051	.00443	.00180	.00028	.00011
%RSD	.11183	.07807	1.5632	445.24	413.55	44.584	2.9677
#1	.13978	216.09	.03222	.00413	-.00084	.00082	.00361
#2	.14000	215.85	.03294	-.00214	.00170	.00043	.00377
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00215	.01097	.00005	.00066	.00254	.00998	.01026
SDev	.00377	.00052	.00043	.00006	.00100	.00081	.00013
%RSD	175.20	4.7789	883.74	9.5660	39.283	8.1348	1.2806
#1	.00051	.01134	-.00025	.00071	.00183	.00940	.01035
#2	-.00481	.01060	.00035	.00062	.00324	.01055	.01016
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00329	-.00027
SDev	.00382	.00049
%RSD	115.97	184.27
#1	.00599	.00008
#2	.00059	-.00062
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2950	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0539268	--	--	--	--	--	--
#1	2949	--	--	--	--	--	--
#2	2951	--	--	--	--	--	--

Analysis Report 09/26/08 00:44:41 AM page 1

Method: TRACE2 Sample Name: AD854296 Operator: AH
Run Time: 09/26/08 00:39:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35510	.00399	.05416	2.9690	.00021	H762.96	.00009
SDev	.00025	.00263	.00024	.0157	.00001	3.59	.00016
%RSD	.06959	65.951	.45154	.53008	2.3898	.47047	179.97
#1	.35493	.00213	.05433	2.9579	.00022	H760.42	-.00002
#2	.35528	.00585	.05399	2.9801	.00021	H765.50	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.00924	.00217	.45533	54.126	.13431	.01820
SDev	.00043	.00069	.00039	.02127	.108	.00721	.00003
%RSD	33.505	7.5100	17.845	4.6721	.19910	5.3680	.19442
#1	.00097	.00875	.00190	.44029	54.202	.13941	.01818
#2	.00158	.00973	.00245	.47037	54.050	.12921	.01823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22529	338.60	.02672	.00034	-.00158	-.00094	.00400
SDev	.00064	.79	.00047	.00838	.00460	.00028	.00090
%RSD	.28448	.23272	1.7791	2500.8	290.65	29.392	22.497
#1	.22484	338.05	.02639	.00626	-.00484	-.00114	.00463
#2	.22574	339.16	.02706	-.00559	.00167	-.00075	.00336
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.01117	.00041	.00258	.00276	.00052	.01001
SDev	.00346	.01159	.00445	.00061	.01015	.00042	.00027
%RSD	6811.5	103.83	1072.6	23.554	367.41	81.251	2.7332
#1	.00240	.01936	-.00273	.00301	-.00441	.00022	.01020
#2	-.00250	.00297	.00356	.00215	.00994	.00082	.00981
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00165	.00018
SDev	.00421	.00096
%RSD	255.76	536.35
#1	-.00133	.00086
#2	.00463	-.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2842	--	--	--	--	--	--
SDev	3.394147	--	--	--	--	--	--
%RSD	.1194197	--	--	--	--	--	--
#1	2840	--	--	--	--	--	--
#2	2845	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854296/L (1:5) Operator: AH
Run Time: 09/26/08 00:44:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07139	-.00018	.00980	.58628	.00006	138.99	.00008
SDev	.00274	.00028	.00038	.00238	.00002	.27	.00037
%RSD	3.8383	154.04	3.9284	.40613	33.439	.19552	480.28
#1	.06945	.00002	.01007	.58796	.00008	139.18	.00034
#2	.07332	-.00038	.00953	.58460	.00005	138.80	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00139	-.00014	.09009	9.4756	.02785	.00356
SDev	.00023	.00090	.00007	.00835	.0198	.00067	.00001
%RSD	106.60	64.898	50.979	9.2743	.20929	2.4140	.23002
#1	-.00005	.00203	-.00019	.09599	9.4896	.02832	.00356
#2	-.00038	.00075	-.00009	.08418	9.4616	.02737	.00357
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04603	66.612	.00491	.00068	-.00191	-.00105	-.00195
SDev	.00053	.252	.00002	.00594	.00221	.00050	.00345
%RSD	1.1586	.37898	.32695	877.27	115.91	48.096	176.65
#1	.04641	66.433	.00492	-.00353	-.00034	-.00140	-.00439
#2	.04566	66.790	.00490	.00488	-.00347	-.00069	.00049
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00258	.00319	-.00452	.00061	.00317	-.00002	.00183
SDev	.00014	.01194	.00080	.00022	.00130	.00034	.00014
%RSD	5.5876	374.62	17.679	36.763	41.023	1424.2	7.4205
#1	-.00268	-.00526	-.00396	.00045	.00225	.00021	.00192
#2	-.00248	.01163	-.00509	.00077	.00409	-.00026	.00173
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00446	.00033
SDev	.00040	.00015
%RSD	8.9687	45.449
#1	.00418	.00022
#2	.00474	.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2870	--	--	--	--	--	--
SDev	8.326114	--	--	--	--	--	--
%RSD	.2901249	--	--	--	--	--	--
#1	2864	--	--	--	--	--	--
#2	2876	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854296/PS Operator: AH
Run Time: 09/26/08 00:50:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.983	.20607	.26004	3.1384	.19723	H755.55	.19443
SDev	.029	.00286	.00108	.0113	.00013	.58	.00021
%RSD	.26434	1.3895	.41418	.35955	.06345	.07741	.10787
#1	10.962	.20405	.25928	3.1304	.19714	H755.14	.19457
#2	11.003	.20810	.26080	3.1463	.19732	H755.96	.19428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19643	.20482	.20604	10.162	64.672	9.8763	.21585
SDev	.00039	.00069	.00046	.026	.119	.0022	.00031
%RSD	.19890	.33616	.22295	.25633	.18452	.02178	.14316
#1	.19615	.20530	.20637	10.180	64.587	9.8779	.21607
#2	.19670	.20433	.20572	10.143	64.756	9.8748	.21563
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41867	344.05	.22120	.19145	.19932	.19670	.21154
SDev	.00349	.93	.00028	.00490	.00120	.00084	.00171
%RSD	.83323	.26995	.12764	2.5606	.59946	.42474	.81053
#1	.41620	343.40	.22100	.19491	.19848	.19729	.21033
#2	.42114	344.71	.22140	.18798	.20017	.19611	.21275
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20943	.19975	.21744	.20596	.20756	.20088	.20123
SDev	.00705	.00847	.00166	.00046	.00887	.00018	.00029
%RSD	3.3685	4.2397	.76449	.22080	4.2743	.09068	.14634
#1	.20444	.19376	.21862	.20628	.20128	.20075	.20144
#2	.21442	.20573	.21627	.20564	.21383	.20101	.20103
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.16169	.05187
SDev	.00386	.00045
%RSD	2.3855	.86858
#1	.15896	.05219
#2	.16442	.05155
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2824	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0807406	--	--	--	--	--	--
#1	2823	--	--	--	--	--	--
#2	2826	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854297/MS Operator: AH
Run Time: 09/26/08 00:55:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.603	.21212	.25351	3.2598	.19370	H790.19	.19130
SDev	.024	.00478	.00135	.0120	.00063	3.16	.00007
%RSD	.22220	2.2541	.53257	.36677	.32667	.39989	.03736
#1	10.620	.21550	.25446	3.2683	.19415	H792.43	.19125
#2	10.586	.20874	.25255	3.2514	.19326	H787.96	.19135
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19507	.20406	.20405	10.118	66.544	9.7746	.21527
SDev	.00008	.00000	.00049	.004	.038	.0011	.00033
%RSD	.04200	.00076	.24269	.04073	.05728	.01120	.15232
#1	.19513	.20406	.20440	10.121	66.571	9.7753	.21550
#2	.19501	.20406	.20370	10.116	66.517	9.7738	.21504
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42629	356.18	.21752	.19316	.19913	.19714	.20133
SDev	.00468	1.05	.00126	.00031	.00175	.00127	.00582
%RSD	1.0966	.29496	.57705	.15973	.87924	.64449	2.8889
#1	.42298	356.92	.21841	.19294	.19789	.19624	.20545
#2	.42959	355.44	.21663	.19337	.20037	.19804	.19722
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20955	.19992	.20204	.20175	.20623	.19753	.19859
SDev	.00654	.00032	.00856	.00064	.00259	.00038	.00113
%RSD	3.1219	.16275	4.2376	.31613	1.2579	.19209	.56737
#1	.21417	.20015	.20810	.20220	.20439	.19780	.19939
#2	.20492	.19969	.19599	.20130	.20806	.19726	.19780
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20211	.05196
SDev	.00406	.00005
%RSD	2.0086	.10182
#1	.20498	.05200
#2	.19924	.05192
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2817	--	--	--	--	--	--
SDev	10.34144	--	--	--	--	--	--
%RSD	.3670739	--	--	--	--	--	--
#1	2810	--	--	--	--	--	--
#2	2825	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854298/SD Operator: AH
Run Time: 09/26/08 01:00:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.363	.20905	.25033	3.2267	.19227	H784.83	.18987
SDev	.046	.00160	.00101	.0147	.00074	4.40	.00040
%RSD	.44373	.76289	.40209	.45645	.38606	.56062	.21032
#1	10.331	.20792	.24962	3.2162	.19174	H781.71	.18959
#2	10.396	.21018	.25104	3.2371	.19279	H787.94	.19015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19360	.20166	.20272	10.030	65.610	9.7148	.21448
SDev	.00027	.00005	.00135	.002	.074	.0047	.00008
%RSD	.14017	.02309	.66726	.02271	.11239	.04838	.03721
#1	.19340	.20163	.20176	10.028	65.662	9.7181	.21443
#2	.19379	.20169	.20368	10.031	65.558	9.7115	.21454
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42166	353.18	.21703	.18947	.19748	.19482	.20045
SDev	.00264	1.30	.00128	.00380	.00566	.00251	.00623
%RSD	.62571	.36931	.58757	2.0048	2.8669	1.2891	3.1097
#1	.41979	352.26	.21613	.19216	.19348	.19304	.20486
#2	.42352	354.10	.21793	.18679	.20149	.19659	.19604
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20476	.20032	.20052	.19968	.19693	.19559	.19958
SDev	.00542	.01962	.00046	.00076	.01101	.00057	.00002
%RSD	2.6488	9.7918	.22803	.38125	5.5890	.29296	.00962
#1	.20093	.21419	.20019	.19914	.18915	.19518	.19957
#2	.20860	.18645	.20084	.20021	.20471	.19599	.19959
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19613	.05101
SDev	.00227	.00022
%RSD	1.1562	.42451
#1	.19773	.05117
#2	.19452	.05086
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2835	--	--	--	--	--	--
SDev	13.20525	--	--	--	--	--	--
%RSD	.4658369	--	--	--	--	--	--
#1	2844	--	--	--	--	--	--
#2	2825	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854299 Operator: AH
Run Time: 09/26/08 01:06:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22030	.00686	.03000	.01052	.00002	19.217	-.00001
SDev	.00240	.00239	.00004	.00075	.00004	.137	.00012
%RSD	1.0889	34.789	.12545	7.1033	227.48	.71232	1005.8
#1	.21861	.00517	.03002	.00999	-.00001	19.121	-.00009
#2	.22200	.00855	.02997	.01105	.00005	19.314	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00076	.00015	.44986	5.4018	10.609	.01313
SDev	.00015	.00047	.00026	.00260	.0145	.003	.00019
%RSD	45.680	62.156	178.33	.57688	.26795	.02849	1.4225
#1	.00023	.00043	-.00004	.44803	5.3916	10.611	.01300
#2	.00045	.00110	.00033	.45170	5.4120	10.607	.01326
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13452	172.21	.01796	.00499	-.00072	.00118	-.00057
SDev	.00019	.41	.00003	.00351	.00000	.00117	.00496
%RSD	.14338	.23801	.17597	70.413	.03988	98.814	876.05
#1	.13466	172.50	.01798	.00748	-.00072	.00201	.00294
#2	.13438	171.92	.01793	.00251	-.00072	.00036	-.00407
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00241	-.00205	.00377	.00522	.00263	.01440
SDev	.00085	.01042	.00223	.00057	.00284	.00034	.00024
%RSD	386.45	433.39	108.60	15.024	54.356	12.824	1.6456
#1	.00082	.00978	-.00048	.00417	.00322	.00239	.01456
#2	-.00038	-.00497	-.00363	.00337	.00723	.00287	.01423
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00241	.00084
SDev	.00021	.00052
%RSD	8.7657	61.598
#1	.00226	.00121
#2	.00256	.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2886	--	--	--	--	--	--
SDev	3.765309	--	--	--	--	--	--
%RSD	.1304528	--	--	--	--	--	--
#1	2889	--	--	--	--	--	--
#2	2884	--	--	--	--	--	--

Analysis Report 09/26/08 01:17:09 AM page 1

Method: TRACE2 Sample Name: AD854300 Operator: AH
Run Time: 09/26/08 01:11:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14140	.03385	.20562	1.1082	.00029	H1076.6	.00010
SDev	.00156	.00142	.00118	.0022	.00002	.1	.00033
%RSD	1.1005	4.1836	.57144	.20264	7.1815	.00734	318.37
#1	.14250	.03285	.20479	1.1066	.00031	H1076.6	.00033
#2	.14030	.03485	.20645	1.1098	.00028	H1076.5	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00423	.01660	.00111	.19671	66.360	.14179	.00554
SDev	.00061	.00064	.00094	.01667	.014	.00449	.00018
%RSD	14.409	3.8333	84.809	8.4729	.02114	3.1641	3.2191
#1	.00466	.01705	.00178	.20850	66.350	.14496	.00567
#2	.00380	.01615	.00045	.18493	66.370	.13862	.00542
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11148	H486.80	.02607	.00127	-.00167	-.00069	.00748
SDev	.00029	.11	.00108	.00155	.00098	.00014	.00110
%RSD	.25883	.02174	4.1412	121.39	58.931	20.442	14.731
#1	.11127	H486.72	.02684	.00018	-.00097	-.00059	.00670
#2	.11168	H486.87	.02531	.00237	-.00236	-.00079	.00826
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00453	.00786	.00730	.00211	-.00240	.00027	.01052
SDev	.00596	.00163	.00084	.00041	.00124	.00034	.00031
%RSD	131.65	20.717	11.508	19.410	51.813	128.62	2.9458
#1	-.00031	.00671	.00670	.00239	-.00328	.00051	.01074
#2	-.00875	.00901	.00789	.00182	-.00152	.00002	.01030
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00261	-.00023
SDev	.00140	.00048
%RSD	53.740	210.23
#1	.00360	.00011
#2	.00162	-.00057
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2811	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.4188058	--	--	--	--	--	--
#1	2803	--	--	--	--	--	--
#2	2819	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 01:24:03 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 01:18:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.038	.48280	.48714	.50294	.49050	24.728	.48204
SDev	.002	.00407	.00018	.00034	.00024	.030	.00084
%RSD	.00824	.84306	.03728	.06822	.04967	.12309	.17336
#1	25.039	.48568	.48727	.50270	.49032	24.707	.48145
#2	25.036	.47992	.48701	.50318	.49067	24.750	.48263
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48140	.50169	.48399	24.095	24.745	24.575	.49200
SDev	.00051	.00008	.00001	.023	.057	.004	.00013
%RSD	.10644	.01674	.00134	.09587	.22937	.01739	.02580
#1	.48176	.50175	.48399	24.079	24.785	24.572	.49209
#2	.48104	.50163	.48398	24.111	24.705	24.578	.49191
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48671	24.572	.49321	.48463	.49908	.49427	.50199
SDev	.00288	.055	.00089	.00553	.00163	.00075	.00066
%RSD	.59098	.22458	.17972	1.1400	.32765	.15157	.13105
#1	.48468	24.611	.49258	.48854	.49792	.49480	.50245
#2	.48875	24.533	.49383	.48073	.50023	.49374	.50152
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50929	.47660	.51469	.51106	.50184	.48228	.48947
SDev	.01141	.00572	.00187	.00034	.02177	.00056	.00066
%RSD	2.2400	1.2006	.36416	.06758	4.3375	.11601	.13518
#1	.50122	.48064	.51337	.51082	.48645	.48188	.48900
#2	.51736	.47255	.51602	.51130	.51724	.48267	.48994
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.48814	.49052
SDev	.00316	.00011
%RSD	.64669	.02288
#1	.49037	.49044
#2	.48591	.49060
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2838	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.1307969	--	--	--	--	--	--
#1	2836	--	--	--	--	--	--
#2	2841	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 01:29:30 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 01:24:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00261	-.00055	.00074	.00007	.00015	.00679	.00020
SDev	.00020	.00039	.00016	.00005	.00001	.00037	.00011
%RSD	7.8465	71.398	21.897	76.029	9.4597	5.4327	53.586
#1	.00276	-.00027	.00062	.00011	.00016	.00653	.00013
#2	.00247	-.00082	.00085	.00003	.00014	.00705	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00063	-.00040	.01080	.00046	.00600	.00008
SDev	.00039	.00030	.00023	.00673	.03308	.00090	.00002
%RSD	250.39	48.044	58.219	62.293	7212.6	15.073	22.335
#1	-.00043	.00085	-.00056	.00604	.02385	.00664	.00007
#2	.00012	.00042	-.00023	.01556	-.02293	.00536	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00148	.14360	.00066	.00025	-.00027	-.00010	.00303
SDev	.00059	.10424	.00114	.00596	.00400	.00068	.00075
%RSD	39.459	72.593	171.54	2425.3	1458.1	675.00	24.775
#1	.00189	.21731	-.00014	.00446	-.00310	-.00058	.00356
#2	.00107	.06989	.00147	-.00397	.00255	.00038	.00250
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00482	.00418	.00245	.00041	.00206	.00054	.00019
SDev	.00338	.00320	.00048	.00050	.00095	.00017	.00013
%RSD	70.084	76.632	19.449	121.66	45.856	31.003	66.218
#1	-.00721	.00645	.00211	.00077	.00139	.00042	.00010
#2	-.00243	.00192	.00279	.00006	.00273	.00065	.00028
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00377	-.00014
SDev	.00098	.00010
%RSD	26.022	71.488
#1	.00308	-.00007
#2	.00447	-.00022
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2876	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.1087883	--	--	--	--	--	--
#1	2874	--	--	--	--	--	--
#2	2878	--	--	--	--	--	--

Analysis Report 09/26/08 01:34:55 AM page 1

Method: TRACE2 Sample Name: AD854301 Operator: AH
Run Time: 09/26/08 01:29:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21878	.00449	.03993	.05131	.00004	45.178	.00007
SDev	.00203	.00341	.00074	.00001	.00002	.113	.00011
%RSD	.92948	75.884	1.8586	.02207	47.403	.25040	143.05
#1	.21734	.00690	.04045	.05130	.00002	45.258	.00015
#2	.22022	.00208	.03940	.05132	.00005	45.098	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00996	.00135	.18189	29.293	18.341	.01154
SDev	.00000	.00034	.00027	.00895	.010	.065	.00011
%RSD	.07667	3.4160	20.116	4.9219	.03393	.35634	.94549
#1	.00049	.00972	.00155	.17556	29.300	18.387	.01162
#2	.00049	.01020	.00116	.18822	29.286	18.295	.01147
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07592	258.57	.01364	-.00239	.00232	.00075	-.00498
SDev	.00128	.73	.00081	.00016	.00036	.00030	.00466
%RSD	1.6863	.28102	5.9090	6.8701	15.566	39.328	93.684
#1	.07683	259.09	.01421	-.00228	.00258	.00096	-.00168
#2	.07502	258.06	.01307	-.00251	.00207	.00054	-.00827
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00295	.00017	-.00755	.00254	.00105	.00273	.01405
SDev	.00048	.00412	.00493	.00003	.00353	.00001	.00017
%RSD	16.178	2417.0	65.329	1.0806	335.76	.33661	1.2158
#1	-.00328	.00308	-.00406	.00256	.00355	.00274	.01417
#2	-.00261	-.00274	-.01104	.00252	-.00144	.00272	.01393
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00363	-.00036
SDev	.00201	.00094
%RSD	55.502	263.10
#1	.00506	.00031
#2	.00221	-.00102
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2867	--	--	--	--	--	--
SDev	8.167118	--	--	--	--	--	--
%RSD	.2848862	--	--	--	--	--	--
#1	2861	--	--	--	--	--	--
#2	2873	--	--	--	--	--	--

Analysis Report 09/26/08 01:40:20 AM page 1

Method: TRACE2 Sample Name: AD854302 Operator: AH
Run Time: 09/26/08 01:34:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61390	.00362	.88803	.37506	.00004	343.64	.00022
SDev	.00391	.00138	.00098	.00006	.00001	.84	.00022
%RSD	.63613	38.288	.11019	.01554	25.223	.24363	101.97
#1	.61113	.00460	.88872	.37510	.00005	344.23	.00006
#2	.61666	.00264	.88733	.37502	.00003	343.05	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00935	.00160	.13411	189.25	.11202	.00342
SDev	.00020	.00001	.00071	.00187	.00	.00712	.00002
%RSD	21.679	.13887	44.132	1.3924	.00038	6.3542	.70871
#1	.00104	.00936	.00210	.13543	189.25	.10698	.00340
#2	.00077	.00934	.00110	.13279	189.25	.11705	.00344
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17064	H662.86	.01546	-.00588	.00277	-.00011	.00194
SDev	.00357	.01	.00065	.00258	.00298	.00113	.00239
%RSD	2.0943	.00214	4.2364	43.884	107.66	1017.6	123.55
#1	.16811	H662.85	.01592	-.00770	.00488	.00069	.00024
#2	.17317	H662.87	.01500	-.00406	.00066	-.00091	.00363
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00815	.00510	.00036	.00111	.00145	.00362	.00959
SDev	.00030	.00984	.00133	.00060	.00468	.00026	.00014
%RSD	3.6996	192.97	374.64	53.760	322.12	7.2695	1.5070
#1	-.00837	-.00186	.00130	.00069	.00476	.00343	.00948
#2	-.00794	.01205	-.00059	.00154	-.00185	.00380	.00969
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00253	-.00023
SDev	.00016	.00100
%RSD	6.1797	439.67
#1	.00242	-.00093
#2	.00265	.00048
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2835	--	--	--	--	--	--
SDev	4.030474	--	--	--	--	--	--
%RSD	.1421910	--	--	--	--	--	--
#1	2837	--	--	--	--	--	--
#2	2832	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854303 Operator: AH
Run Time: 09/26/08 01:40:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83059	.00442	.03091	.29962	-.00002	89.645	.00003
SDev	.00145	.00044	.00037	.00111	.00003	.559	.00009
%RSD	.17522	9.8537	1.1926	.37166	173.23	.62373	273.50
#1	.82956	.00473	.03065	.29883	-.00004	89.250	-.00003
#2	.83162	.00411	.03117	.30040	.00000	90.041	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00037	.00067	.00081	.07860	45.405	.09968	.00289
SDev	.00031	.00034	.00036	.00326	.100	.00421	.00000
%RSD	82.931	51.376	43.943	4.1445	.21952	4.2281	.13915
#1	-.00015	.00042	.00106	.08090	45.475	.09670	.00289
#2	-.00059	.00091	.00056	.07629	45.334	.10266	.00289
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06468	278.46	.00771	.00565	-.00224	.00039	-.00478
SDev	.00031	1.27	.00115	.00292	.00140	.00004	.00191
%RSD	.47778	.45667	14.908	51.581	62.651	9.3784	39.967
#1	.06490	277.56	.00852	.00359	-.00125	.00037	-.00343
#2	.06446	279.36	.00689	.00771	-.00323	.00042	-.00613
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00473	.00164	-.00799	.00092	-.00619	.00070	.00743
SDev	.00218	.00327	.00123	.00018	.00021	.00034	.00014
%RSD	46.081	199.26	15.385	19.764	3.3796	48.017	1.8680
#1	-.00627	.00396	-.00712	.00104	-.00605	.00046	.00733
#2	-.00319	-.00067	-.00886	.00079	-.00634	.00093	.00752
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00687	.00022
SDev	.00287	.00033
%RSD	41.753	145.66
#1	.00484	-.00001
#2	.00889	.00045
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.1322220	--	--	--	--	--	--
#1	2890	--	--	--	--	--	--
#2	2885	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854304 Operator: AH
Run Time: 09/26/08 01:45:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09413	.00429	.08180	.04992	.00007	137.27	.00025
SDev	.00717	.00424	.00054	.00039	.00002	1.18	.00030
%RSD	7.6124	98.608	.65890	.77710	23.051	.86299	120.48
#1	.08906	.00729	.08219	.04965	.00005	136.43	.00004
#2	.09920	.00130	.08142	.05019	.00008	138.11	.00047
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.01079	.00216	3.2577	7.9232	41.633	.25283
SDev	.00043	.00101	.00070	.0135	.0081	.019	.00035
%RSD	42.322	9.3340	32.539	.41377	.10184	.04656	.13946
#1	.00072	.01008	.00166	3.2482	7.9175	41.647	.25258
#2	.00133	.01150	.00266	3.2673	7.9289	41.620	.25307
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10374	217.19	.01164	.00010	.00280	.00190	-.00086
SDev	.00189	1.98	.00028	.00298	.00450	.00201	.00311
%RSD	1.8240	.91293	2.4395	2841.7	160.82	105.66	363.20
#1	.10240	215.79	.01143	.00221	-.00038	.00048	-.00305
#2	.10508	218.59	.01184	-.00200	.00598	.00332	.00134
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00170	.00404	-.00330	.00178	.00333	.00171	.00624
SDev	.00340	.00748	.00840	.00052	.00191	.00077	.00016
%RSD	200.42	185.14	254.31	29.033	57.333	45.159	2.5742
#1	.00071	.00933	-.00924	.00215	.00467	.00116	.00612
#2	-.00410	-.00125	.00264	.00142	.00198	.00225	.00635
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00504	.00053
SDev	.00437	.00034
%RSD	86.621	65.127
#1	.00813	.00077
#2	.00195	.00029
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2849	--	--	--	--	--	--
SDev	12.99309	--	--	--	--	--	--
%RSD	.4560838	--	--	--	--	--	--
#1	2858	--	--	--	--	--	--
#2	2840	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854305 Operator: AH
Run Time: 09/26/08 01:51:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94218	.00093	.02464	.30742	.00010	417.11	-.00005
SDev	.00765	.00020	.00003	.00343	.00001	3.46	.00024
%RSD	.81151	21.079	.12827	1.1160	11.170	.82969	509.72
#1	.94759	.00079	.02462	.30984	.00011	419.56	.00012
#2	.93677	.00107	.02466	.30499	.00009	414.66	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00201	.00566	.02238	21.145	.03043	.00050
SDev	.00004	.00065	.00015	.00836	.025	.00262	.00001
%RSD	11.776	32.245	2.7433	37.358	.11587	8.5982	1.1547
#1	.00034	.00246	.00577	.02829	21.128	.02858	.00051
#2	.00029	.00155	.00555	.01647	21.162	.03228	.00050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26459	351.09	.02390	.00545	-.00502	-.00153	-.00288
SDev	.00103	2.78	.00047	.00144	.00081	.00102	.00074
%RSD	.39017	.79148	1.9696	26.356	16.081	66.276	25.772
#1	.26386	353.06	.02423	.00443	-.00559	-.00225	-.00235
#2	.26532	349.13	.02356	.00646	-.00445	-.00081	-.00340
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00532	.00456	-.00660	.00038	-.00370	.00248	.00521
SDev	.00055	.00773	.00498	.00037	.00156	.00011	.00005
%RSD	10.379	169.50	75.417	96.161	42.155	4.2882	1.0184
#1	-.00493	-.00090	-.00308	.00012	-.00480	.00255	.00525
#2	-.00571	.01002	-.01011	.00064	-.00260	.00240	.00518
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00337	.00028
SDev	.00126	.00015
%RSD	37.307	52.997
#1	.00426	.00018
#2	.00248	.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2844	--	--	--	--	--	--
SDev	25.66801	--	--	--	--	--	--
%RSD	.9026748	--	--	--	--	--	--
#1	2825	--	--	--	--	--	--
#2	2862	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854306 Operator: AH
Run Time: 09/26/08 01:56:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.73610	.02497	.02825	.03790	-.00003	18.223	.00010
SDev	.00431	.00332	.00011	.00005	.00003	.028	.00006
%RSD	.58593	13.282	.38832	.14324	85.815	.15272	56.555
#1	.73915	.02732	.02832	.03794	-.00001	18.204	.00006
#2	.73305	.02263	.02817	.03786	-.00005	18.243	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00079	.00087	.47318	19.542	.04885	.00546
SDev	.00027	.00045	.00064	.00408	.032	.00073	.00004
%RSD	65.385	57.020	72.991	.86192	.16507	1.4913	.77301
#1	.00060	.00111	.00132	.47029	19.565	.04833	.00549
#2	.00022	.00047	.00042	.47606	19.519	.04936	.00543
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21453	295.67	.01206	.00732	.00612	.00652	-.00035
SDev	.00182	.02	.00016	.00222	.00001	.00074	.00330
%RSD	.84744	.00763	1.3115	30.302	.15232	11.425	934.91
#1	.21325	295.65	.01195	.00575	.00611	.00599	.00198
#2	.21582	295.68	.01217	.00888	.00612	.00704	-.00269
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00507	.00294	-.00200	.01021	-.00263	.01638	.01555
SDev	.00458	.00343	.00667	.00022	.00208	.00040	.00006
%RSD	90.253	116.70	333.51	2.1949	79.136	2.4477	.38810
#1	-.00184	.00051	.00272	.01036	-.00116	.01666	.01551
#2	-.00831	.00536	-.00672	.01005	-.00410	.01610	.01559
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00490	.00079
SDev	.00335	.00000
%RSD	68.368	.23978
#1	.00253	.00079
#2	.00727	.00079
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	12.03842	--	--	--	--	--	--
%RSD	.4168555	--	--	--	--	--	--
#1	2879	--	--	--	--	--	--
#2	2896	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854307 Operator: AH
Run Time: 09/26/08 02:02:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37400	.01054	.03401	.00825	-.00003	10.064	.00024
SDev	.00467	.00302	.00184	.00013	.00001	.033	.00007
%RSD	1.2481	28.627	5.4193	1.5395	35.494	.33068	30.040
#1	.37070	.00840	.03270	.00834	-.00004	10.041	.00019
#2	.37730	.01267	.03531	.00816	-.00002	10.088	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00442	.00189	.78185	20.012	.12044	.00805
SDev	.00057	.00092	.00064	.00438	.017	.00104	.00006
%RSD	72.029	20.712	34.169	.56032	.08658	.85994	.73708
#1	.00039	.00377	.00143	.78495	20.024	.11971	.00801
#2	.00121	.00507	.00234	.77876	19.999	.12117	.00809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19958	272.48	.01421	.00671	.00630	.00644	-.00481
SDev	.00026	.21	.00003	.00426	.00314	.00067	.00117
%RSD	.13239	.07791	.19773	63.411	49.762	10.465	24.294
#1	.19977	272.63	.01423	.00972	.00408	.00596	-.00398
#2	.19939	272.33	.01419	.00370	.00852	.00691	-.00564
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00399	-.00008	-.00718	.00849	-.00298	.00477	.03396
SDev	.00327	.01483	.00566	.00009	.00203	.00050	.00001
%RSD	81.972	19224.	78.890	1.0643	67.915	10.478	.03826
#1	-.00631	.01041	-.01118	.00855	-.00155	.00442	.03395
#2	-.00168	-.01057	-.00317	.00842	-.00442	.00513	.03397
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00242	.00058
SDev	.00375	.00050
%RSD	154.54	86.737
#1	-.00022	.00093
#2	.00507	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2901	--	--	--	--	--	--
SDev	1.113659	--	--	--	--	--	--
%RSD	.0383823	--	--	--	--	--	--
#1	2902	--	--	--	--	--	--
#2	2901	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854308 Operator: AH
Run Time: 09/26/08 02:07:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56154	.00927	.02970	.16673	-.00002	86.050	.00004
SDev	.00288	.00035	.00075	.00047	.00001	.160	.00000
%RSD	.51263	3.7646	2.5074	.27971	61.829	.18576	9.8297
#1	.55951	.00952	.03022	.16706	-.00003	86.163	.00004
#2	.56358	.00903	.02917	.16640	-.00001	85.937	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.03837	.00067	.33573	24.452	.08716	.00367
SDev	.00015	.00036	.00050	.00228	.102	.00258	.00001
%RSD	35.641	.94994	74.313	.67785	.41875	2.9596	.29044
#1	.00054	.03863	.00032	.33412	24.524	.08898	.00366
#2	.00032	.03811	.00103	.33734	24.379	.08534	.00367
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23748	260.59	.00719	-.00115	.00159	.00068	-.00075
SDev	.00170	.10	.00036	.00326	.00101	.00041	.00531
%RSD	.71396	.03704	5.0256	282.78	63.341	61.267	712.21
#1	.23628	260.66	.00744	.00115	.00088	.00097	.00301
#2	.23868	260.52	.00693	-.00346	.00230	.00038	-.00450
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00345	.00579	-.00401	.00028	.00363	.00537	.01837
SDev	.00001	.00883	.00355	.00026	.00280	.00010	.00005
%RSD	.16842	152.64	88.433	92.488	77.104	1.8595	.28900
#1	-.00345	.01203	-.00150	.00046	.00562	.00530	.01833
#2	-.00345	-.00046	-.00652	.00010	.00165	.00544	.01841
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00123	-.00006
SDev	.00263	.00114
%RSD	213.34	1844.2
#1	-.00309	.00075
#2	.00063	-.00087
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2883	--	--	--	--	--	--
SDev	8.060948	--	--	--	--	--	--
%RSD	.2795882	--	--	--	--	--	--
#1	2889	--	--	--	--	--	--
#2	2877	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854309 Operator: AH
Run Time: 09/26/08 02:13:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.4042	.01143	.03369	.00599	-.00004	16.865	.00073
SDev	.0055	.00397	.00121	.00022	.00001	.048	.00001
%RSD	.38895	34.705	3.5995	3.7494	17.488	.28570	1.4401
#1	1.4081	.00862	.03284	.00583	-.00005	16.899	.00073
#2	1.4004	.01423	.03455	.00615	-.00004	16.831	.00072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	.00619	.00146	.71130	19.962	.37265	.00789
SDev	.00038	.00013	.00018	.00375	.039	.00031	.00002
%RSD	69.327	2.0564	12.322	.52772	.19625	.08263	.20233
#1	.00028	.00628	.00133	.71395	19.989	.37286	.00790
#2	.00082	.00610	.00159	.70865	19.934	.37243	.00788
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14873	193.56	.01884	.02008	.01946	.01967	-.00178
SDev	.00109	1.14	.00050	.00159	.00126	.00031	.00217
%RSD	.73354	.58808	2.6733	7.9118	6.4474	1.5658	122.09
#1	.14796	194.37	.01848	.01896	.02035	.01989	-.00024
#2	.14950	192.76	.01920	.02120	.01858	.01945	-.00331
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00336	.00106	-.00320	.01271	-.00002	.00325	.05674
SDev	.00278	.00353	.00502	.00020	.00155	.00058	.00011
%RSD	82.600	333.45	157.11	1.5789	7914.1	17.857	.19040
#1	-.00533	-.00144	.00035	.01285	-.00112	.00284	.05682
#2	-.00140	.00355	-.00674	.01257	.00108	.00365	.05667
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00281	-.00048
SDev	.00120	.00073
%RSD	42.523	152.58
#1	.00366	-.00100
#2	.00197	.00004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2922	--	--	--	--	--	--
SDev	.9544906	--	--	--	--	--	--
%RSD	.0326690	--	--	--	--	--	--
#1	2922	--	--	--	--	--	--
#2	2921	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854310 Operator: AH
Run Time: 09/26/08 02:18:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02918	-.00245	.07620	.06051	.00018	416.20	-.00017
SDev	.00014	.00140	.00300	.00053	.00001	3.08	.00001
%RSD	.46128	57.035	3.9423	.87034	5.3368	.74049	3.4499
#1	.02927	-.00146	.07408	.06014	.00018	414.02	-.00017
#2	.02908	-.00344	.07833	.06088	.00019	418.38	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00007	-.00017	.04612	3.2048	57.072	.48411
SDev	.00004	.00004	.00001	.00121	.0257	.081	.00007
%RSD	9.5874	57.933	5.9919	2.6172	.80054	.14213	.01456
#1	.00038	.00004	-.00018	.04698	3.2229	57.129	.48416
#2	.00043	.00010	-.00016	.04527	3.1867	57.015	.48406
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	151.73	-.00010	.00199	-.00240	-.00094	-.00096
SDev	.00018	.75	.00068	.00085	.00299	.00228	.00506
%RSD	21.238	.49151	649.59	43.027	124.62	242.55	525.88
#1	.00100	151.20	-.00059	.00138	-.00452	-.00255	.00262
#2	.00074	152.25	.00038	.00259	-.00029	.00067	-.00454
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00213	.00225	-.00257	.00039	.00387	-.00018	.00142
SDev	.00240	.00235	.00642	.00009	.00416	.00017	.00001
%RSD	112.98	104.66	249.94	21.671	107.46	97.835	.56092
#1	-.00383	.00391	.00197	.00033	.00682	-.00005	.00142
#2	-.00043	.00058	-.00711	.00045	.00093	-.00030	.00143
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00444	.00053
SDev	.00388	.00007
%RSD	87.292	14.138
#1	.00170	.00059
#2	.00718	.00048
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2810	--	--	--	--	--	--
SDev	10.92477	--	--	--	--	--	--
%RSD	.3887886	--	--	--	--	--	--
#1	2818	--	--	--	--	--	--
#2	2802	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 02:30:40 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 02:25:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.064	.47888	.48693	.49869	.49240	24.908	.48811
SDev	.078	.00330	.00112	.00110	.00145	.087	.00091
%RSD	.31313	.68903	.23063	.21983	.29460	.34896	.18702
#1	25.008	.47655	.48773	.49791	.49138	24.847	.48746
#2	25.119	.48121	.48614	.49946	.49343	24.970	.48875
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48566	.50333	.48213	24.233	24.834	24.862	.49348
SDev	.00171	.00170	.00167	.037	.019	.052	.00045
%RSD	.35183	.33819	.34679	.15145	.07503	.21031	.09148
#1	.48445	.50213	.48095	24.207	24.848	24.825	.49316
#2	.48687	.50453	.48331	24.259	24.821	24.899	.49380
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49086	25.080	.49486	.48866	.50260	.49796	.50356
SDev	.00212	.281	.00332	.00641	.00669	.00233	.00304
%RSD	.43236	1.1207	.67077	1.3106	1.3319	.46838	.60304
#1	.48936	24.881	.49251	.49319	.49787	.49631	.50142
#2	.49236	25.279	.49720	.48413	.50734	.49961	.50571
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51210	.48637	.51217	.51176	.50604	.48569	.49411
SDev	.00287	.00534	.00188	.00175	.00864	.00077	.00177
%RSD	.56023	1.0981	.36797	.34120	1.7084	.15890	.35903
#1	.51007	.48260	.51083	.51053	.49993	.48514	.49286
#2	.51413	.49015	.51350	.51299	.51215	.48623	.49536
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49151	.49147
SDev	.00284	.00043
%RSD	.57864	.08814
#1	.48950	.49116
#2	.49353	.49178
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2859	--	--	--	--	--	--
SDev	8.008122	--	--	--	--	--	--
%RSD	.2801353	--	--	--	--	--	--
#1	2864	--	--	--	--	--	--
#2	2853	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 02:36:06 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 02:30:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00350	.00081	.00056	.00017	.00025	.02613	.00014
SDev	.00025	.00228	.00240	.00010	.00001	.00198	.00020
%RSD	7.0619	279.83	428.06	57.231	3.9737	7.5575	149.02
#1	.00332	-.00080	-.00114	.00024	.00024	.02753	-.00001
#2	.00367	.00242	.00226	.00010	.00026	.02473	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.00010	-.00040	.01856	.01603	.01069	.00011
SDev	.00023	.00045	.00030	.00957	.00461	.00433	.00013
%RSD	102.85	449.10	75.682	51.549	28.755	40.507	119.79
#1	.00006	-.00042	-.00019	.01179	.01277	.00763	.00002
#2	.00039	.00022	-.00061	.02532	.01929	.01375	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.11934	-.00002	-.00005	.00017	.00009	-.00205
SDev	.00055	.09017	.00030	.00442	.00442	.00148	.00169
%RSD	58.249	75.558	1256.1	8964.0	2673.8	1572.9	82.651
#1	.00134	.18310	-.00023	.00308	-.00296	-.00095	-.00325
#2	.00056	.05558	.00019	-.00318	.00329	.00114	-.00085
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00518	.00720	-.00667	.00024	.00481	.00048	.00057
SDev	.00213	.00952	.00730	.00047	.00578	.00059	.00039
%RSD	41.022	132.28	109.41	195.05	120.10	122.83	69.554
#1	-.00669	.01393	-.01183	.00058	.00889	.00006	.00029
#2	-.00368	.00047	-.00151	-.00009	.00073	.00090	.00084
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00359	.00015
SDev	.00119	.00008
%RSD	33.100	51.145
#1	.00275	.00020
#2	.00443	.00009
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2857	--	--	--	--	--	--
SDev	13.20525	--	--	--	--	--	--
%RSD	.4621928	--	--	--	--	--	--
#1	2866	--	--	--	--	--	--
#2	2848	--	--	--	--	--	--

Analysis Report 09/26/08 02:41:31 AM page 1

Method: TRACE2 Sample Name: AD854311 Operator: AH
Run Time: 09/26/08 02:36:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.62023	.00407	.01680	.02514	.00009	142.14	-.00005
SDev	.00287	.00318	.00111	.00017	.00002	.04	.00002
%RSD	.46263	78.200	6.6063	.66201	20.081	.02757	33.182
#1	.62226	.00182	.01759	.02502	.00010	142.11	-.00004
#2	.61820	.00632	.01602	.02526	.00007	142.16	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.00425	.00292	.83556	3.2146	44.195	1.2105
SDev	.00016	.00010	.00037	.01371	.0091	.003	.0006
%RSD	13.752	2.4274	12.779	1.6414	.28447	.00734	.04835
#1	.00125	.00433	.00265	.84526	3.2210	44.197	1.2109
#2	.00103	.00418	.00318	.82586	3.2081	44.192	1.2101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05628	181.85	.01816	.00721	-.00153	.00138	-.00237
SDev	.00008	.22	.00002	.00106	.00063	.00006	.00691
%RSD	.14533	.11967	.08926	14.748	40.985	4.6972	291.51
#1	.05622	181.69	.01815	.00646	-.00109	.00143	-.00726
#2	.05634	182.00	.01817	.00796	-.00198	.00133	.00252
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00231	.00802	-.00757	.01532	.00248	.00174	.00635
SDev	.00482	.01355	.00360	.00055	.00396	.00016	.00011
%RSD	208.76	168.85	47.515	3.5590	159.96	9.3118	1.7200
#1	.00110	-.00156	-.01011	.01493	-.00032	.00163	.00627
#2	-.00572	.01760	-.00503	.01570	.00528	.00186	.00643
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00376	.00105
SDev	.00329	.00058
%RSD	87.306	54.866
#1	.00144	.00064
#2	.00609	.00146
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2883	--	--	--	--	--	--
SDev	7.901953	--	--	--	--	--	--
%RSD	.2741271	--	--	--	--	--	--
#1	2877	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854312 Operator: AH
Run Time: 09/26/08 02:41:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03067	.00331	.03121	.23917	.00019	367.25	.00008
SDev	.00340	.00177	.00111	.00078	.00001	1.11	.00007
%RSD	11.082	53.473	3.5539	.32747	3.6086	.30304	84.094
#1	.02826	.00206	.03043	.23972	.00019	368.04	.00003
#2	.03307	.00456	.03199	.23862	.00019	366.47	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.65708	.02047	.02669	14.572	3.2457	.00141
SDev	.00007	.00194	.00044	.00490	.055	.0017	.00003
%RSD	3.1308	.29476	2.1324	18.362	.37646	.05359	2.3013
#1	.00230	.65571	.02016	.03016	14.611	3.2445	.00138
#2	.00240	.65845	.02077	.02323	14.534	3.2470	.00143
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07544	88.853	.00103	.00183	-.00088	.00002	.00133
SDev	.00250	.273	.00055	.00646	.00199	.00082	.00326
%RSD	3.3169	.30682	53.537	353.15	225.51	3975.0	246.29
#1	.07367	89.046	.00064	.00639	-.00229	.00060	.00363
#2	.07721	88.660	.00142	-.00274	.00052	-.00056	-.00098
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00240	.00100	.00149	.00104	.00188	.00054	.00439
SDev	.00014	.01242	.00131	.00041	.00037	.00009	.00037
%RSD	5.7222	1240.4	88.204	39.574	19.791	15.603	8.4503
#1	-.00250	.00978	.00056	.00133	.00162	.00048	.00413
#2	-.00231	-.00778	.00242	.00075	.00215	.00060	.00465
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00222	.00104
SDev	.00057	.00082
%RSD	25.634	79.155
#1	.00262	.00162
#2	.00181	.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2825	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.3941928	--	--	--	--	--	--
#1	2817	--	--	--	--	--	--
#2	2833	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854313 Operator: AH
Run Time: 09/26/08 02:47:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03004	.00255	.07096	.05721	.00017	395.34	-.00006
SDev	.00274	.00020	.00057	.00004	.00002	2.38	.00014
%RSD	9.1151	7.9687	.79758	.06284	9.6366	.60273	225.33
#1	.03198	.00240	.07056	.05719	.00016	393.65	-.00016
#2	.02810	.00269	.07136	.05724	.00018	397.02	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00028	-.00081	.04864	3.0704	54.673	.46351
SDev	.00020	.00019	.00040	.00960	.0048	.002	.00033
%RSD	48.592	66.991	48.995	19.744	.15652	.00436	.07148
#1	.00027	.00015	-.00053	.05543	3.0737	54.671	.46375
#2	.00054	.00041	-.00109	.04185	3.0670	54.675	.46328
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	143.65	.00001	.00289	-.00194	-.00033	-.00325
SDev	.00016	.65	.00070	.00390	.00308	.00076	.00446
%RSD	11.088	.45259	8519.5	135.10	159.03	228.57	137.22
#1	.00133	143.19	-.00049	.00564	-.00412	-.00087	-.00010
#2	.00155	144.11	.00050	.00013	.00024	.00020	-.00641
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	-.00247	-.00364	.00082	.00129	.00019	.00150
SDev	.00072	.00580	.00379	.00027	.00598	.00017	.00065
%RSD	59.925	234.77	104.13	33.384	463.09	91.577	43.486
#1	.00171	.00163	-.00096	.00101	-.00294	.00007	.00104
#2	.00069	-.00658	-.00633	.00063	.00552	.00031	.00196
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00627	.00106
SDev	.00078	.00002
%RSD	12.439	1.3689
#1	.00572	.00105
#2	.00682	.00107
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2835	--	--	--	--	--	--
SDev	1.909154	--	--	--	--	--	--
%RSD	.0673423	--	--	--	--	--	--
#1	2834	--	--	--	--	--	--
#2	2836	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854314 Operator: AH
Run Time: 09/26/08 02:52:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07002	-.00219	.37791	.84824	.00007	47.763	.00020
SDev	.00222	.00371	.00069	.00379	.00001	.183	.00000
%RSD	3.1724	168.97	.18304	.44660	14.297	.38214	.05817
#1	.07159	-.00481	.37840	.85092	.00007	47.892	.00020
#2	.06845	.00043	.37742	.84556	.00006	47.634	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	.00016	.00029	.04996	6.9156	11.670	.01467
SDev	.00024	.00055	.00022	.00022	.0472	.016	.00013
%RSD	86.169	339.35	76.284	.44922	.68237	.13502	.87255
#1	.00044	-.00023	.00014	.05011	6.9489	11.681	.01476
#2	.00011	.00055	.00045	.04980	6.8822	11.659	.01458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	H842.91	.00043	.00003	.00012	.00009	-.00013
SDev	.00005	3.44	.00043	.00125	.00027	.00023	.00034
%RSD	7.3923	.40827	100.42	4178.3	228.34	261.57	265.66
#1	-.00069	H845.35	.00012	-.00086	.00031	-.00008	.00011
#2	-.00077	H840.48	.00073	.00092	-.00007	.00026	-.00037
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00367	-.00448	.00205	.00107	-.00005	.00055	.00244
SDev	.00054	.00894	.00498	.00053	.00125	.00017	.00015
%RSD	14.645	199.69	243.32	49.449	2434.7	31.763	5.9827
#1	-.00329	-.01080	.00557	.00069	-.00094	.00067	.00255
#2	-.00405	.00184	-.00147	.00144	.00084	.00043	.00234
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00393	.00040
SDev	.00095	.00038
%RSD	24.247	94.318
#1	.00460	.00013
#2	.00326	.00067
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2814	--	--	--	--	--	--
SDev	13.31125	--	--	--	--	--	--
%RSD	.4730681	--	--	--	--	--	--
#1	2804	--	--	--	--	--	--
#2	2823	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854315 Operator: AH
Run Time: 09/26/08 02:57:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54756	-.00014	.84944	.01381	.00011	208.93	.00015
SDev	.00428	.00328	.00278	.00013	.00000	.67	.00023
%RSD	.78265	2410.7	.32745	.90551	3.8459	.32118	155.16
#1	.54453	-.00246	.84747	.01372	.00011	208.46	-.00001
#2	.55059	.00219	.85141	.01390	.00011	209.41	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	.00123	.00006	.32894	17.349	155.37	.12617
SDev	.00020	.00073	.00016	.00808	.083	.29	.00015
%RSD	8.7589	59.523	260.01	2.4569	.47665	.18927	.11643
#1	.00216	.00071	-.00005	.32323	17.290	155.16	.12607
#2	.00244	.00175	.00017	.33466	17.407	155.58	.12628
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	H1249.3	.00566	.00082	-.00075	-.00023	.28828
SDev	.00086	2.8	.00051	.00264	.00003	.00086	.00144
%RSD	67.703	.22790	8.9706	323.60	4.6285	377.91	.49850
#1	.00066	H1247.3	.00530	-.00105	-.00072	-.00083	.28727
#2	.00189	H1251.4	.00602	.00268	-.00077	.00038	.28930
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	.27753	.29366	.00876	-.00280	.00169	.00686
SDev	.00391	.00744	.00156	.00031	.00793	.00035	.00026
%RSD	136.99	2.6810	.53282	3.5468	282.74	20.749	3.8020
#1	-.00563	.27227	.29477	.00854	.00280	.00145	.00668
#2	-.00009	.28280	.29256	.00898	-.00841	.00194	.00704
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00422	.00057
SDev	.00100	.00091
%RSD	23.680	159.16
#1	.00493	-.00007
#2	.00351	.00121
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2726	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.1361729	--	--	--	--	--	--
#1	2724	--	--	--	--	--	--
#2	2729	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854804/PB Operator: AH
Run Time: 09/26/08 03:03:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02488	-.00243	.00541	.00014	-.00003	.06980	.00002
SDev	.00451	.00054	.00083	.00010	.00001	.02121	.00000
%RSD	18.140	22.356	15.272	75.197	29.151	30.389	20.679
#1	.02169	-.00205	.00483	.00021	-.00003	.05480	.00001
#2	.02808	-.00282	.00600	.00006	-.00002	.08480	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00012	-.00061	.00318	.00430	.01405	-.00001
SDev	.00026	.00006	.00046	.01317	.01167	.01119	.00011
%RSD	83.313	54.722	75.831	414.21	271.48	79.622	862.31
#1	.00013	.00007	-.00094	-.00614	-.00395	.00614	-.00009
#2	.00050	.00017	-.00028	.01250	.01255	.02196	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.20662	-.00013	.00101	-.00061	-.00007	.00096
SDev	.00163	.00998	.00027	.00321	.00077	.00159	.00587
%RSD	199.04	4.8312	199.86	317.74	127.19	2298.8	612.77
#1	.00033	.19956	-.00032	.00328	-.00006	.00105	-.00319
#2	-.00197	.21368	.00006	-.00126	-.00116	-.00119	.00511
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00718	.00214	.00037	.00001	-.00278	.00029	.00338
SDev	.00046	.00036	.00862	.00046	.00497	.00066	.00064
%RSD	6.4341	17.049	2357.5	3584.8	179.02	226.99	18.949
#1	-.00751	.00188	-.00573	.00033	-.00629	-.00017	.00293
#2	-.00685	.00240	.00646	-.00031	.00074	.00075	.00383
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00181	.00050
SDev	.00200	.00016
%RSD	110.53	31.728
#1	.00322	.00062
#2	.00040	.00039
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2941	--	--	--	--	--	--
SDev	8.113947	--	--	--	--	--	--
%RSD	.2758614	--	--	--	--	--	--
#1	2947	--	--	--	--	--	--
#2	2936	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854803/FB Operator: AH
Run Time: 09/26/08 03:08:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.054	.19786	.20074	.20337	.19840	10.050	.19883
SDev	.019	.00061	.00042	.00032	.00032	.014	.00023
%RSD	.18956	.30632	.20931	.15588	.15947	.13636	.11743
#1	10.041	.19829	.20104	.20315	.19817	10.040	.19899
#2	10.068	.19743	.20044	.20360	.19862	10.060	.19866
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19867	.19813	.19526	9.8865	9.9202	9.9847	.19788
SDev	.00083	.00114	.00146	.0038	.0453	.0086	.00014
%RSD	.41616	.57506	.75033	.03881	.45686	.08625	.07087
#1	.19808	.19733	.19423	9.8892	9.9523	9.9908	.19797
#2	.19925	.19894	.19630	9.8838	9.8882	9.9787	.19778
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19906	10.453	.19791	.19372	.20364	.20033	.20320
SDev	.00193	.007	.00131	.00216	.00130	.00159	.00505
%RSD	.96800	.07051	.66324	1.1167	.63747	.79179	2.4866
#1	.19770	10.458	.19698	.19219	.20272	.19921	.20677
#2	.20042	10.447	.19884	.19525	.20456	.20146	.19963
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19940	.19842	.20559	.19762	.20485	.19605	.19643
SDev	.01013	.01707	.00096	.00075	.01005	.00065	.00069
%RSD	5.0817	8.6026	.46465	.37921	4.9067	.33430	.35404
#1	.19224	.21049	.20492	.19709	.19774	.19558	.19594
#2	.20657	.18635	.20627	.19815	.21196	.19651	.19693
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20039	.05094
SDev	.00301	.00078
%RSD	1.5008	1.5349
#1	.19826	.05039
#2	.20251	.05150
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2923	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.4172899	--	--	--	--	--	--
#1	2932	--	--	--	--	--	--
#2	2914	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854781 Operator: AH
Run Time: 09/26/08 03:14:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03973	.00319	.00648	.00005	-.00003	.06581	.00013
SDev	.00206	.00070	.00068	.00006	.00001	.00049	.00004
%RSD	5.1756	21.841	10.535	126.34	17.197	.74367	30.655
#1	.04119	.00368	.00697	.00009	-.00003	.06616	.00010
#2	.03828	.00270	.00600	.00001	-.00003	.06547	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	.00009	-.00054	-.00010	.01894	.00575	.00009
SDev	.00004	.00005	.00000	.00066	.02339	.00045	.00007
%RSD	17.004	55.058	.46020	676.86	123.50	7.8746	80.838
#1	-.00025	.00013	-.00054	.00037	.03547	.00543	.00004
#2	-.00019	.00006	-.00053	-.00057	.00240	.00607	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.15231	-.00014	-.00236	-.00169	-.00192	.00111
SDev	.00060	.05817	.00076	.00091	.00194	.00099	.00404
%RSD	242.60	38.190	556.35	38.351	114.52	51.789	365.55
#1	.00067	.11118	.00040	-.00172	-.00307	-.00262	.00396
#2	-.00018	.19344	-.00067	-.00300	-.00032	-.00121	-.00175
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00363	.00230	.00051	.00043	-.00506	-.00029	.00089
SDev	.00324	.00448	.00830	.00031	.00360	.00000	.00012
%RSD	89.088	195.10	1629.8	72.993	71.212	.16260	13.968
#1	-.00592	-.00087	.00638	.00065	-.00761	-.00029	.00098
#2	-.00134	.00547	-.00536	.00021	-.00251	-.00029	.00080
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00102	-.00030
SDev	.00024	.00051
%RSD	23.818	170.03
#1	.00085	.00006
#2	.00120	-.00066
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2937	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.1065408	--	--	--	--	--	--
#1	2939	--	--	--	--	--	--
#2	2935	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854782 Operator: AH
Run Time: 09/26/08 03:19:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03899	.00318	.03877	.00042	-.00004	.49365	.00009
SDev	.00238	.00068	.00083	.00000	.00001	.00059	.00015
%RSD	6.1098	21.251	2.1450	.34512	34.995	.12017	164.42
#1	.03731	.00365	.03818	.00042	-.00003	.49323	-.00002
#2	.04067	.00270	.03936	.00042	-.00005	.49407	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00021	.00050	.05356	.30807	.20258	.00038
SDev	.00042	.00045	.00034	.00363	.00703	.00291	.00007
%RSD	206.44	211.20	68.306	6.7688	2.2833	1.4381	18.669
#1	-.00009	-.00011	.00026	.05612	.31305	.20052	.00033
#2	.00050	.00053	.00074	.05099	.30310	.20464	.00043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	239.96	.00015	-.00261	-.00026	-.00105	-.00220
SDev	.00038	.26	.00028	.00456	.00279	.00034	.00306
%RSD	23.093	.10728	182.91	174.59	1055.2	32.577	139.29
#1	.00191	240.14	.00035	.00061	-.00224	-.00129	-.00003
#2	.00137	239.78	-.00004	-.00584	.00171	-.00081	-.00436
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00469	-.00631	-.00014	-.00005	-.00113	.00018	.00881
SDev	.00000	.00243	.00338	.00005	.00615	.00049	.00018
%RSD	.02778	38.448	2390.1	94.528	546.21	282.14	2.0523
#1	-.00469	-.00459	.00225	-.00008	-.00547	-.00017	.00894
#2	-.00469	-.00802	-.00253	-.00002	.00322	.00053	.00868
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00437	.00031
SDev	.00153	.00047
%RSD	35.028	152.25
#1	.00329	.00064
#2	.00546	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2911	--	--	--	--	--	--
SDev	16.54640	--	--	--	--	--	--
%RSD	.5684437	--	--	--	--	--	--
#1	2899	--	--	--	--	--	--
#2	2923	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854783 Operator: AH
Run Time: 09/26/08 03:25:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03508	.00839	.09851	.06657	.00004	93.137	-.00008
SDev	.00220	.00099	.00139	.00023	.00003	.126	.00029
%RSD	6.2599	11.820	1.4119	.34939	58.667	.13574	381.00
#1	.03353	.00909	.09949	.06641	.00006	93.048	-.00028
#2	.03663	.00769	.09752	.06673	.00003	93.227	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	-.00022	.00617	1.3353	1.5886	46.730	.01085
SDev	.00103	.00043	.00006	.0164	.0177	.065	.00008
%RSD	224.06	192.99	.88586	1.2269	1.1147	.13851	.70796
#1	-.00027	-.00053	.00621	1.3237	1.6011	46.776	.01079
#2	.00119	.00008	.00613	1.3469	1.5761	46.684	.01090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	18.879	.00058	-.00351	-.00099	-.00183	.00074
SDev	.00009	.054	.00054	.00105	.00094	.00028	.00066
%RSD	4.3455	.28777	93.990	29.970	94.575	15.025	89.040
#1	.00206	18.841	.00019	-.00277	-.00165	-.00203	.00120
#2	.00194	18.918	.00096	-.00426	-.00033	-.00164	.00027
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00295	-.00084	.00153	-.00021	-.00116	-.00008	.00738
SDev	.00484	.00145	.00171	.00029	.00309	.00033	.00036
%RSD	163.86	173.20	112.18	133.49	265.04	438.38	4.8216
#1	-.00638	-.00187	.00274	-.00001	-.00335	.00016	.00713
#2	.00047	.00019	.00032	-.00042	.00102	-.00031	.00763
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00350	.00029
SDev	.00042	.00021
%RSD	12.066	71.698
#1	.00380	.00043
#2	.00321	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2908	--	--	--	--	--	--
SDev	9.333947	--	--	--	--	--	--
%RSD	.3209776	--	--	--	--	--	--
#1	2901	--	--	--	--	--	--
#2	2915	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 03:37:16 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 03:31:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.003	.48005	.49059	.49891	.48991	24.805	.48734
SDev	.053	.00439	.00064	.00133	.00162	.070	.00033
%RSD	.21305	.91535	.13002	.26569	.33115	.28051	.06798
#1	25.040	.48316	.49014	.49985	.49106	24.854	.48758
#2	24.965	.47695	.49104	.49797	.48876	24.756	.48711
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48554	.50346	.48123	24.164	24.962	24.815	.49301
SDev	.00055	.00081	.00172	.003	.064	.007	.00006
%RSD	.11303	.16187	.35782	.01428	.25800	.02745	.01195
#1	.48515	.50404	.48245	24.161	24.916	24.810	.49305
#2	.48593	.50288	.48001	24.166	25.007	24.820	.49297
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49221	25.047	.49336	.48588	.50361	.49771	.49980
SDev	.00487	.001	.00185	.00793	.00221	.00117	.00131
%RSD	.99005	.00514	.37532	1.6317	.43808	.23478	.26232
#1	.48876	25.048	.49467	.48027	.50517	.49688	.50072
#2	.49565	25.046	.49205	.49148	.50205	.49853	.49887
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51331	.47759	.51091	.51175	.49963	.48662	.49170
SDev	.00053	.00186	.00103	.00088	.00766	.00018	.00019
%RSD	.10300	.39052	.20239	.17228	1.5337	.03806	.03900
#1	.51369	.47891	.51164	.51237	.49422	.48675	.49184
#2	.51294	.47627	.51018	.51112	.50505	.48649	.49156
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.48794	.49248
SDev	.00091	.00034
%RSD	.18703	.07014
#1	.48730	.49224
#2	.48859	.49273
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2871	--	--	--	--	--	--
SDev	1.113831	--	--	--	--	--	--
%RSD	.0387954	--	--	--	--	--	--
#1	2870	--	--	--	--	--	--
#2	2872	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 03:42:42 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 03:37:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00547	.00252	-.00005	.00009	.00015	.00017	.00008
SDev	.00145	.00161	.00062	.00011	.00010	.00085	.00005
%RSD	26.551	63.711	1167.4	124.80	63.428	492.33	61.770
#1	.00444	.00139	.00039	.00001	.00008	-.00043	.00005
#2	.00650	.00366	-.00049	.00017	.00022	.00077	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00014	-.00034	-.00077	.01999	.00167	-.00001
SDev	.00084	.00076	.00084	.00694	.03327	.00107	.00003
%RSD	1196.4	555.75	244.53	898.18	166.42	64.355	440.47
#1	.00067	.00040	.00025	.00414	.04351	.00243	.00002
#2	-.00052	-.00067	-.00093	-.00568	-.00353	.00091	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.16826	-.00043	-.00227	-.00050	-.00109	.00059
SDev	.00049	.08848	.00011	.00019	.00100	.00060	.00255
%RSD	45.154	52.588	24.895	8.3237	198.07	55.101	435.45
#1	.00145	.10569	-.00051	-.00240	.00020	-.00067	.00239
#2	.00075	.23083	-.00035	-.00214	-.00121	-.00152	-.00122
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	.01017	-.00420	.00045	.00321	.00037	.00002
SDev	.00495	.01247	.00241	.00004	.00041	.00024	.00011
%RSD	366.44	122.70	57.376	7.9044	12.661	66.281	506.18
#1	.00215	.01898	-.00591	.00048	.00349	.00054	.00010
#2	-.00485	.00135	-.00250	.00043	.00292	.00019	-.00006
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00156	.00072
SDev	.00222	.00013
%RSD	141.91	18.325
#1	-.00001	.00062
#2	.00313	.00081
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2822	--	--	--	--	--	--
SDev	71.96572	--	--	--	--	--	--
%RSD	2.550247	--	--	--	--	--	--
#1	2873	--	--	--	--	--	--
#2	2771	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: [signature] Date: 9/26/08 Secondary Review: AH Date: 9/26/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	A092508	TRACE2	09/25/08	10:46		X	IR
2	STD 1 12-115-C	A092508	TRACE2	09/25/08	10:52		X	IR
3	STD 2 12-115-D	A092508	TRACE2	09/25/08	10:57		X	IR
4	STD 3 12-115-B	A092508	TRACE2	09/25/08	11:02		X	IR
5	STD 3 VER I	A092508	TRACE2	09/25/08	11:07	AH	B	CONC
6	ICV 12-115-E	A092508	TRACE2	09/25/08	11:13	AH	Q	CONC
7	ICB 12-115-A	A092508	TRACE2	09/25/08	11:18	AH	B	CONC
8	CRI 12-120-A	A092508	TRACE2	09/25/08	11:23	AH	B	CONC
9	ICSA 12-110-B	A092508	TRACE2	09/25/08	11:29	AH	Q	CONC
10	ICSAB 12-110-C	A092508	TRACE2	09/25/08	11:34	AH	Q	CONC
11	CCV 12-119-F	A092508	TRACE2	09/25/08	11:41	AH	Q	CONC
12	CCB 12-115-A	A092508	TRACE2	09/25/08	11:46	AH	B	CONC
13	AD854696/CLPSL	A092508	TRACE2	09/25/08	12:11	AH	S	CONC
14	AD853719/(1:5) A1165	A092508	TRACE2	09/25/08	12:17	AH	S	CONC
15	AD853722/(1:5)	A092508	TRACE2	09/25/08	12:22	AH	S	CONC
16	AD853723/(1:5)	A092508	TRACE2	09/25/08	12:28	AH	S	CONC
17	AD853732/(1:5)	A092508	TRACE2	09/25/08	12:33	AH	S	CONC
18	AD853733/(1:5)	A092508	TRACE2	09/25/08	12:38	AH	S	CONC
19	AD853735/(1:5)	A092508	TRACE2	09/25/08	12:44	AH	S	CONC
20	AD854543/PB	A092508	TRACE2	09/25/08	12:49	AH	S	CONC
21	AD854542/CLPSL	A092508	TRACE2	09/25/08	12:54	AH	S	CONC
22	AD854535 B552	A092508	TRACE2	09/25/08	13:00	AH	S	CONC
23	CCV	A092508	TRACE2	09/25/08	13:07	AH	Q	CONC
24	CCB	A092508	TRACE2	09/25/08	13:12	AH	B	CONC
25	CRI	A092508	TRACE2	09/25/08	13:22	AH	B	CONC
26	ICSA	A092508	TRACE2	09/25/08	13:27	AH	Q	CONC
27	ICSAB	A092508	TRACE2	09/25/08	13:33	AH	Q	CONC
28	CCV	A092508	TRACE2	09/25/08	13:40	AH	Q	CONC
29	CCB	A092508	TRACE2	09/25/08	13:45	AH	B	CONC
30	AD849697/PB	A092508	TRACE2	09/25/08	13:50	AH	S	CONC
31	AD849696/FB	A092508	TRACE2	09/25/08	13:59	AH	S	CONC
32	AD849692 A1622	A092508	TRACE2	09/25/08	14:05	AH	S	CONC
33	AD854523 B534	A092508	TRACE2	09/25/08	14:10	AH	S	CONC
34	AD854524	A092508	TRACE2	09/25/08	14:16	AH	S	CONC
35	AD854525	A092508	TRACE2	09/25/08	14:21	AH	S	CONC
36	AD854525/L (1:5)	A092508	TRACE2	09/25/08	14:26	AH	S	CONC
37	AD854525/PS	A092508	TRACE2	09/25/08	14:32	AH	S	CONC
38	AD854526/MS	A092508	TRACE2	09/25/08	14:55	AH	S	CONC
39	AD854527/SD	A092508	TRACE2	09/25/08	15:01	AH	S	CONC
40	CCV	A092508	TRACE2	09/25/08	15:08	AH	Q	CONC
41	CCB	A092508	TRACE2	09/25/08	15:13	AH	B	CONC
42	AD854528	A092508	TRACE2	09/25/08	15:18	AH	S	CONC
43	AD854529	A092508	TRACE2	09/25/08	15:24	AH	S	CONC
44	AD854530	A092508	TRACE2	09/25/08	15:33	AH	S	CONC
45	AD854531	A092508	TRACE2	09/25/08	15:38	AH	S	CONC
46	AD854532	A092508	TRACE2	09/25/08	15:44	AH	S	CONC
47	AD854533	A092508	TRACE2	09/25/08	15:49	AH	S	CONC
48	AD854534	A092508	TRACE2	09/25/08	15:54	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD854538 B642	A092508	TRACE2	09/25/08	16:00	AH	S	CONC
50	AD854529/(1:5) B534	A092508	TRACE2	09/25/08	16:05	AH	S	CONC
51	AD854532/(1:5)	A092508	TRACE2	09/25/08	16:11	AH	S	CONC
52	CCV	A092508	TRACE2	09/25/08	16:17	AH	Q	CONC
53	CCB	A092508	TRACE2	09/25/08	16:23	AH	B	CONC
54	AD854229/CLPSL	A092508	TRACE2	09/25/08	16:28	AH	S	CONC
55	AD854270/(1:5) B622	A092508	TRACE2	09/25/08	16:34	AH	S	CONC
56	AD854253/(1:10) B612	A092508	TRACE2	09/25/08	16:39	AH	S	CONC
57	AD854254/(1:5)	A092508	TRACE2	09/25/08	16:44	AH	S	CONC
58	AD854255/(1:10)	A092508	TRACE2	09/25/08	16:50	AH	S	CONC
59	AD854256/(1:10)	A092508	TRACE2	09/25/08	16:55	AH	S	CONC
60	AD854257/(1:5)	A092508	TRACE2	09/25/08	17:01	AH	S	CONC
61	AD854258/(1:20)	A092508	TRACE2	09/25/08	17:06	AH	S	CONC
62	AD854259/(1:10)	A092508	TRACE2	09/25/08	17:11	AH	S	CONC
63	AD854260/(1:20)	A092508	TRACE2	09/25/08	17:17	AH	S	CONC
64	CCV	A092508	TRACE2	09/25/08	17:24	AH	Q	CONC
65	CCB	A092508	TRACE2	09/25/08	17:29	AH	B	CONC
66	AD854261/(1:20)	A092508	TRACE2	09/25/08	17:34	AH	S	CONC
67	AD854121/PB	A092508	TRACE2	09/25/08	17:40	AH	S	CONC
68	AD854120/LFB	A092508	TRACE2	09/25/08	17:45	AH	S	CONC
69	AD854098 B663	A092508	TRACE2	09/25/08	17:51	AH	S	CONC
70	AD854099	A092508	TRACE2	09/25/08	17:56	AH	S	CONC
71	AD854100	A092508	TRACE2	09/25/08	18:01	AH	S	CONC
72	AD854115 B685	A092508	TRACE2	09/25/08	18:07	AH	S	CONC
73	AD854116	A092508	TRACE2	09/25/08	18:12	AH	S	CONC
74	AD854117	A092508	TRACE2	09/25/08	18:18	AH	S	CONC
75	AD854118	A092508	TRACE2	09/25/08	18:23	AH	S	CONC
76	CCV	A092508	TRACE2	09/25/08	18:30	AH	Q	CONC
77	CCB	A092508	TRACE2	09/25/08	18:35	AH	B	CONC
78	AD854119	A092508	TRACE2	09/25/08	18:41	AH	S	CONC
79	AD854112/(1:5)	A092508	TRACE2	09/25/08	18:46	AH	S	CONC
80	AD854113/(1:10)	A092508	TRACE2	09/25/08	18:51	AH	S	CONC
81	AD854114/(1:5)	A092508	TRACE2	09/25/08	18:57	AH	S	CONC
82	AD854119/(1:5)	A092508	TRACE2	09/25/08	19:02	AH	S	CONC
83	AD854461/(1:100) B526	A092508	TRACE2	09/25/08	19:08	AH	S	CONC
84	AD854462/(1:100)	A092508	TRACE2	09/25/08	19:13	AH	S	CONC
85	AD854462/L (1:500)	A092508	TRACE2	09/25/08	19:18	AH	S	CONC
86	AD854462/PS (1:100)	A092508	TRACE2	09/25/08	19:24	AH	S	CONC
87	AD854463/MS (1:100)	A092508	TRACE2	09/25/08	19:29	AH	S	CONC
88	CCV	A092508	TRACE2	09/25/08	19:36	AH	Q	CONC
89	CCB	A092508	TRACE2	09/25/08	19:42	AH	B	CONC
90	AD854464/SD (1:100)	A092508	TRACE2	09/25/08	19:47	AH	S	CONC
91	AD854465/(1:100)	A092508	TRACE2	09/25/08	19:52	AH	S	CONC
92	AD854466/(1:100)	A092508	TRACE2	09/25/08	19:58	AH	S	CONC
93	AD854536/(1:5) B604	A092508	TRACE2	09/25/08	20:03	AH	S	CONC
94	AD854445/PB	A092508	TRACE2	09/25/08	20:09	AH	S	CONC
95	AD854444/FB	A092508	TRACE2	09/25/08	20:14	AH	S	CONC
96	AD854423 B596	A092508	TRACE2	09/25/08	20:19	AH	S	CONC
97	AD854424	A092508	TRACE2	09/25/08	20:25	AH	S	CONC
98	AD854424/L (1:5)	A092508	TRACE2	09/25/08	20:30	AH	S	CONC
99	AD854424/PS	A092508	TRACE2	09/25/08	20:36	AH	S	CONC
100	CCV	A092508	TRACE2	09/25/08	20:43	AH	Q	CONC
101	CCB	A092508	TRACE2	09/25/08	20:48	AH	B	CONC
102	STD BLK	A092508	TRACE2	09/25/08	21:04		X	IR

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	STD 1	A092508	TRACE2	09/25/08	21:10		X	IR
104	STD 2	A092508	TRACE2	09/25/08	21:15		X	IR
105	STD 3	A092508	TRACE2	09/25/08	21:20		X	IR
106	STD 3 VER	A092508	TRACE2	09/25/08	21:25	AH	B	CONC
107	ICV	A092508	TRACE2	09/25/08	21:30	AH	Q	CONC
108	ICB	A092508	TRACE2	09/25/08	21:36	AH	B	CONC
109	CRI	A092508	TRACE2	09/25/08	21:41	AH	B	CONC
110	ICSA	A092508	TRACE2	09/25/08	21:47	AH	Q	CONC
111	ICSAB	A092508	TRACE2	09/25/08	21:52	AH	Q	CONC
112	CCV	A092508	TRACE2	09/25/08	21:59	AH	Q	CONC
113	CCB	A092508	TRACE2	09/25/08	22:04	AH	B	CONC
114	AD854425/MS B5916	A092508	TRACE2	09/25/08	22:10	AH	S	CONC
115	AD854426/SD	A092508	TRACE2	09/25/08	22:15	AH	S	CONC
116	AD854427	A092508	TRACE2	09/25/08	22:21	AH	S	CONC
117	AD854428 B6033	A092508	TRACE2	09/25/08	22:26	AH	S	CONC
118	AD854429	A092508	TRACE2	09/25/08	22:31	AH	S	CONC
119	AD854430 B6034	A092508	TRACE2	09/25/08	22:37	AH	S	CONC
120	AD854431 B6035	A092508	TRACE2	09/25/08	22:42	AH	S	CONC
121	AD854432	A092508	TRACE2	09/25/08	22:48	AH	S	CONC
122	AD854433 B6038	A092508	TRACE2	09/25/08	22:53	AH	S	CONC
123	AD854434	A092508	TRACE2	09/25/08	22:58	AH	S	CONC
124	CCV	A092508	TRACE2	09/25/08	23:05	AH	Q	CONC
125	CCB	A092508	TRACE2	09/25/08	23:11	AH	B	CONC
126	AD854435	A092508	TRACE2	09/25/08	23:16	AH	S	CONC
127	AD854436	A092508	TRACE2	09/25/08	23:22	AH	S	CONC
128	AD854437	A092508	TRACE2	09/25/08	23:27	AH	S	CONC
129	AD854438 B6039	A092508	TRACE2	09/25/08	23:32	AH	S	CONC
130	AD854439	A092508	TRACE2	09/25/08	23:38	AH	S	CONC
131	AD854440	A092508	TRACE2	09/25/08	23:43	AH	S	CONC
132	AD854441	A092508	TRACE2	09/25/08	23:49	AH	S	CONC
133	AD854442	A092508	TRACE2	09/25/08	23:54	AH	S	CONC
134	AD854443	A092508	TRACE2	09/25/08	23:59	AH	S	CONC
135	AD854317/PB	A092508	TRACE2	09/26/08	00:05	AH	S	CONC
136	CCV	A092508	TRACE2	09/26/08	00:12	AH	Q	CONC
137	CCB	A092508	TRACE2	09/26/08	00:17	AH	B	CONC
138	AD854316/FB	A092508	TRACE2	09/26/08	00:23	AH	S	CONC
139	AD854294 B5911	A092508	TRACE2	09/26/08	00:28	AH	S	CONC
140	AD854295	A092508	TRACE2	09/26/08	00:33	AH	S	CONC
141	AD854296	A092508	TRACE2	09/26/08	00:39	AH	S	CONC
142	AD854296/L (1:5)	A092508	TRACE2	09/26/08	00:44	AH	S	CONC
143	AD854296/PS	A092508	TRACE2	09/26/08	00:50	AH	S	CONC
144	AD854297/MS	A092508	TRACE2	09/26/08	00:55	AH	S	CONC
145	AD854298/SD	A092508	TRACE2	09/26/08	01:00	AH	S	CONC
146	AD854299	A092508	TRACE2	09/26/08	01:06	AH	S	CONC
147	AD854300	A092508	TRACE2	09/26/08	01:11	AH	S	CONC
148	CCV	A092508	TRACE2	09/26/08	01:18	AH	Q	CONC
149	CCB	A092508	TRACE2	09/26/08	01:24	AH	B	CONC
150	AD854301	A092508	TRACE2	09/26/08	01:29	AH	S	CONC
151	AD854302	A092508	TRACE2	09/26/08	01:34	AH	S	CONC
152	AD854303	A092508	TRACE2	09/26/08	01:40	AH	S	CONC
153	AD854304	A092508	TRACE2	09/26/08	01:45	AH	S	CONC
154	AD854305	A092508	TRACE2	09/26/08	01:51	AH	S	CONC
155	AD854306	A092508	TRACE2	09/26/08	01:56	AH	S	CONC
156	AD854307	A092508	TRACE2	09/26/08	02:02	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD854308 B594	A092508	TRACE2	09/26/08	02:07	AH	S	CONC
158	AD854309	A092508	TRACE2	09/26/08	02:13	AH	S	CONC
159	AD854310 B595	A092508	TRACE2	09/26/08	02:18	AH	S	CONC
160	CCV	A092508	TRACE2	09/26/08	02:25	AH	Q	CONC
161	CCB	A092508	TRACE2	09/26/08	02:30	AH	B	CONC
162	AD854311	A092508	TRACE2	09/26/08	02:36	AH	S	CONC
163	AD854312	A092508	TRACE2	09/26/08	02:41	AH	S	CONC
164	AD854313	A092508	TRACE2	09/26/08	02:47	AH	S	CONC
165	AD854314 B615	A092508	TRACE2	09/26/08	02:52	AH	S	CONC
166	AD854315	A092508	TRACE2	09/26/08	02:57	AH	S	CONC
167	AD854804/PB	A092508	TRACE2	09/26/08	03:03	AH	S	CONC
168	AD854803/FB	A092508	TRACE2	09/26/08	03:08	AH	S	CONC
169	AD854781 B636	A092508	TRACE2	09/26/08	03:14	AH	S	CONC
170	AD854782	A092508	TRACE2	09/26/08	03:19	AH	S	CONC
171	AD854783	A092508	TRACE2	09/26/08	03:25	AH	S	CONC
172	CCV	A092508	TRACE2	09/26/08	03:31	AH	Q	CONC
173	CCB	A092508	TRACE2	09/26/08	03:37	AH	B	CONC
174	STD BLK	A092508	TRACE2	09/26/08	03:53		X	IR
175	STD 1	A092508	TRACE2	09/26/08	03:59		X	IR
176	STD 2	A092508	TRACE2	09/26/08	04:04		X	IR
177	STD 3	A092508	TRACE2	09/26/08	04:09		X	IR
178	STD 3 VER	A092508	TRACE2	09/26/08	04:14	AH	B	CONC
179	ICV	A092508	TRACE2	09/26/08	04:19	AH	Q	CONC
180	ICB	A092508	TRACE2	09/26/08	04:25	AH	B	CONC
181	CRI	A092508	TRACE2	09/26/08	04:30	AH	B	CONC
182	ICSA	A092508	TRACE2	09/26/08	04:36	AH	Q	CONC
183	ICSAB	A092508	TRACE2	09/26/08	04:41	AH	Q	CONC
184	CCV	A092508	TRACE2	09/26/08	04:48	AH	Q	CONC
185	CCB	A092508	TRACE2	09/26/08	04:53	AH	B	CONC
186	AD854784	A092508	TRACE2	09/26/08	04:59	AH	S	CONC
187	AD854785	A092508	TRACE2	09/26/08	05:04	AH	S	CONC
188	AD854786	A092508	TRACE2	09/26/08	05:10	AH	S	CONC
189	AD854787	A092508	TRACE2	09/26/08	05:15	AH	S	CONC
190	AD854788 B653	A092508	TRACE2	09/26/08	05:20	AH	S	CONC
191	AD854789	A092508	TRACE2	09/26/08	05:26	AH	S	CONC
192	AD854789/L (1:5)	A092508	TRACE2	09/26/08	05:31	AH	S	CONC
193	AD854789/PS	A092508	TRACE2	09/26/08	05:37	AH	S	CONC
194	AD854790/MS	A092508	TRACE2	09/26/08	05:42	AH	S	CONC
195	AD854791/SD	A092508	TRACE2	09/26/08	05:48	AH	S	CONC
196	CCV	A092508	TRACE2	09/26/08	05:54	AH	Q	CONC
197	CCB	A092508	TRACE2	09/26/08	06:00	AH	B	CONC
198	AD854792	A092508	TRACE2	09/26/08	06:05	AH	S	CONC
199	AD854793 B654	A092508	TRACE2	09/26/08	06:11	AH	S	CONC
200	AD854794 B682	A092508	TRACE2	09/26/08	06:16	AH	S	CONC
201	AD854795	A092508	TRACE2	09/26/08	06:22	AH	S	CONC
202	AD854796	A092508	TRACE2	09/26/08	06:27	AH	S	CONC
203	AD854797 B683	A092508	TRACE2	09/26/08	06:32	AH	S	CONC
204	AD854798 B685	A092508	TRACE2	09/26/08	06:38	AH	S	CONC
205	AD854799	A092508	TRACE2	09/26/08	06:43	AH	S	CONC
206	AD854800	A092508	TRACE2	09/26/08	06:49	AH	S	CONC
207	AD854801	A092508	TRACE2	09/26/08	06:54	AH	S	CONC
208	CCV	A092508	TRACE2	09/26/08	07:01	AH	Q	CONC
209	CCB	A092508	TRACE2	09/26/08	07:07	AH	B	CONC
210	AD854802	A092508	TRACE2	09/26/08	07:12	AH	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	CCV	A092508	TRACE2	09/26/08	07:19	AH	Q	CONC
212	CCB	A092508	TRACE2	09/26/08	07:24	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.07103	8.32909	41.577	83.5192	50.261	18.806
2	As1890	.04807	.49145	2.29124	4.51893	1.0030	.35938
3	B_2496	.07654	1.53164	7.38746	14.7336	1.0013	.37011
4	Ba4934	.01135	4.54482	22.839	45.7487	1.0028	.37478
5	Be3130	.29987	8.17195	39.8113	78.7772	.99546	.37060
6	Ca3179	.02432			61.4982	50.175	18.621
7	Cd2265	-.02336	11.3741	56.5258	112.229	.99171	.36933
8	Co2286	-.00567	.63357	3.19448	6.36337	.99620	.36604
9	Cr2677	.00048	1.87494	9.35096	18.6416	.99733	.38184
10	Cu3247	.03421	.96812	4.77465	9.53772	1.0073	.36461
11	Fe2714	-.00178	1.82694	9.15211	18.2322	49.856	18.476
12	K_7664	-.13217			69.975	50.294	18.533
13	Mg2790	.02886			112.913	50.170	18.763
14	Mn2576	.00081	1.30396	6.5308	13.0164	.99779	.37561
15	Mo2020	.00827	.93341	4.64279	9.30826	1.0033	.37563
16	Na3302	.00989			2.95205	50.044	18.661
17	Ni2316	-.08287	5.02239	25.4054	50.454	.99377	.37343
18	2203/1	.0352	1.28288	6.11775	12.1064	.98956	.37253
19	2203/2	-.00194	1.34758	6.95513	13.8442	1.0112	.37556
20	Sb2068	-.01451	.34257	1.68171	3.36782	.98273	.37408
21	1960/1	-.03763	.27649	1.52477	3.10987	1.0051	.38569
22	1960/2	.0167	.57195	2.83518	5.64319	1.0122	.38102
23	Ti3372	.10736	5.36505	26.5717	52.9507	1.0002	.38284
24	Tl1908	-.00319	.23548	1.25957	2.53507	1.0266	.37688
25	V_2924	.00048	.2867	1.43311	2.85741	.99814	.36754
26	Zn2062	.00016	.19313	.96156	1.90548	.99152	.37499
27	Sn1899	-.01815	1.24072	6.32818	12.5287	.99262	.37750
28	Ag3280	-.00291	1.64613	8.26799	16.5875	1.0015	.37263
29	*Y	3082.99	3083.29	3060.11	3063.79	3064.61	3084.53
30	PB2203					1.0040	.37455
31	SE1960					1.0098	.38257

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00503	.20518	522.42	523.94	25.110	.03506
2	As1890	-.00091	.01075	-.00451	.10511	.48042	.00159
3	B_2496	.00116	.02318	.00354	.02428	.49344	-.00013
4	Ba4934	.00021	.00201	.00084	.52455	.50163	.00012
5	Be3130	.00014	.00196	.00089	.49429	.49381	.00008
6	Ca3179	.00887	.49480	529.26	528.85	24.861	.03748
7	Cd2265	.00030	.00124	.00026	.97241	.48925	.00016
8	Co2286	.00030	.00439	.00099	.48615	.48674	.00012
9	Cr2677	.00019	.00475	-.00249	.50148	.50836	-.00015
10	Cu3247	.00012	.00995	.00099	.51886	.48800	.00028
11	Fe2714	.01105	.05806	196.11	97.575	24.563	.01373
12	K_7664	.02346	.46199	.03916	.03508	24.858	.00759
13	Mg2790	.01056	.20731	504.44	498.13	24.776	.03648
14	Mn2576	.00021	.00304	.00154	.49311	.49996	.00002
15	Mo2020	.00110	.01005	.00091	.00049	.49170	.00082
16	Na3302	-.02119	1.0102	-.23507	-.33226	24.724	-.09723
17	Ni2316	.00057	.01023	.00112	.96035	.49655	.00070
18	2203/1	-.00209	.00299	.00317	.05645	.48905	-.00088

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00162	.00439	.00644	.05662	.50317	-.00063
20	Sb2068	.00893	.02475	.00806	.61870	.49189	.00693
21	1960/1	.01514	.02883	.00505	.05725	.50213	.01468
22	1960/2	.00287	.01344	.00045	.05530	.49379	-.00229
23	Ti3372	.00025	.00493	.00130	.00264	.51094	.00034
24	Tl1908	-.00164	.02039	-.02621	.09024	.49788	-.00026
25	V_2924	.00000	.00550	.00032	.50670	.48911	.00000
26	Zn2062	.00058	.01149	-.00531	.96084	.49668	.00016
27	Sn1899	.00438	.01119	.00224	.00516	.50464	-.00109
28	Ag3280	.00018	.00350	.00052	.21343	.49527	.00009
29	*Y	3087.23	3083.33	2901.56	2897.44	3066.26	3083.4
30	PB2203	.00039	.00393	.00535	.05656	.49847	-.00071
31	SE1960	.00696	.01857	.00198	.05595	.49656	.00336

#	Element	AD8'LPSL	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)
1	Al3082	84.135	.07976	.01195	.01362	.02659	.01296
2	As1890	1.1920	.00165	-.00328	-.00116	.00028	-.00281
3	B_2496	1.2135	.61821	.66698	.67286	.71003	.65419
4	Ba4934	1.9694	.00314	.00607	.00632	.00222	.00147
5	Be3130	1.0322	.00011	.00009	.00008	.00010	.00010
6	Ca3179	87.135	57.881	64.585	62.757	61.886	58.608
7	Cd2265	.91252	.00016	.00000	.00013	.00006	.00029
8	Co2286	1.1842	.00050	.00066	.00031	-.00015	.00072
9	Cr2677	2.0433	.00048	-.00014	.00042	.00012	.00033
10	Cu3247	1.3783	-.00019	.00007	.00009	.00053	.00077
11	Fe2714	145.11	3.6602	.26676	.31875	-.00280	.05347
12	K_7664	47.419	67.778	74.284	70.501	80.270	74.129
13	Mg2790	42.636	167.41	180.48	169.46	195.08	181.09
14	Mn2576	4.5188	.04739	.01910	.01947	.00095	.00956
15	Mo2020	1.0131	.00187	.00056	.00142	.00178	.00149
16	Na3302	7.6550	H1305.8	H1408.1	H1344.3	H1498.2	H1401.4
17	Ni2316	1.0929	.00179	.00072	.00055	.00147	.00172
18	2203/1	1.4743	-.00224	-.00383	-.00045	.00291	-.00043
19	2203/2	1.4958	.00122	.00148	.00011	.00164	-.00099
20	Sb2068	.58741	.00721	.00328	.00409	.00085	.00617
21	1960/1	.88152	.01436	.00810	.00987	.01305	.01132
22	1960/2	.88179	.00109	-.00363	.00104	-.00354	.00179
23	Ti3372	4.7900	.00269	.00033	.00036	.00047	.00035
24	Tl1908	1.4387	.00162	-.00304	-.00569	-.00319	-.00012
25	V_2924	1.0922	-.00040	-.00041	.00000	-.00029	-.00035
26	Zn2062	2.4918	.00298	.00263	.00191	.00209	.00290
27	Sn1899	.94676	.00124	.00357	.00123	.00007	.00112
28	Ag3280	.72359	-.00032	-.00028	.00010	.00075	.00045
29	*Y	3270.3	2881.31	2867.78	2868.08	2857.58	2870.02
30	PB2203	1.4887	.00007	-.00028	-.00007	.00206	-.00080
31	SE1960	.88169	.00552	.00027	.00399	.00198	.00497

#	Element	AD8'1:5)	AD8'3/PB	AD8'LPSL	AD854535	CCV	CCB
1	Al3082	.02397	.00633	78.810	.02706	25.059	.01800
2	As1890	.00062	-.00230	1.1379	-.00107	.48087	.00075
3	B_2496	.72800	.00248	1.1648	.00209	.49195	-.00001
4	Ba4934	.00217	.00004	1.9062	.00715	.49678	.00005
5	Be3130	.00011	.00003	1.0113	-.00012	.49264	.00011
6	Ca3179	64.478	.04927	87.673	1.1275	24.835	.02062
7	Cd2265	.00013	.00012	.88459	.00006	.49077	.00012
8	Co2286	.00019	-.00034	1.1528	.00154	.48796	.00017
9	Cr2677	.00018	.00047	1.9855	.00088	.51066	-.00015
10	Cu3247	.00085	.00011	1.3985	.00389	.48445	.00054
11	Fe2714	.02313	.01827	135.75	1.2270	24.664	.01729
12	K_7664	84.769	.04008	45.237	.05070	24.839	.02110
13	Mg2790	204.65	.00919	41.008	.04125	24.964	.02050
14	Mn2576	.00115	.00062	4.4095	.03386	.50064	.00011
15	Mo2020	.00089	.00004	.98411	.00285	.49342	.00129
16	Na3302	H1567.5	-.02071	7.4255	.06987	24.717	-.09614
17	Ni2316	.00075	-.00043	1.0518	.00763	.49619	.00041
18	2203/1	-.00289	.00086	1.4398	.00407	.49322	.00061
19	2203/2	.00007	.00001	1.4624	.00766	.50350	-.00102
20	Sb2068	.00423	.00128	.58398	.00567	.49341	.00696
21	1960/1	.00246	.00708	.84578	.01453	.51530	.00800
22	1960/2	.00279	-.00063	.84552	.00115	.50319	-.00129
23	Ti3372	.00012	.00092	4.3271	.00615	.50748	.00063
24	Tl1908	.00145	-.00298	1.3929	-.00059	.50276	-.00117
25	V_2924	.00001	.00005	1.0430	.00036	.49008	.00000
26	Zn2062	.00137	.00647	2.3756	.01238	.49794	.00050
27	Sn1899	.00249	H.03649	.93552	.01334	.51014	.00288
28	Ag3280	-.00018	.00019	.71140	.00034	.49550	.00009
29	*Y	2843.18	3055.91	3353.7	3174.71	3070.54	3078.75
30	PB2203	-.00091	.00029	1.4549	.00646	.50008	-.00047
31	SE1960	.00268	.00193	.84560	.00561	.50722	.00180

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
1	Al3082	.20607	522.69	523.40	25.106	.02831	.08258
2	As1890	.00672	-.00618	.10834	.47971	-.00218	-.00210
3	B_2496	.02220	.00294	.02384	.49049	.00088	.01175
4	Ba4934	.00203	.00093	.52233	.49787	.00010	.00008
5	Be3130	.00207	.00098	.49432	.49468	.00010	-.00001
6	Ca3179	.49895	533.03	530.79	24.895	.03157	.20080
7	Cd2265	.00113	.00022	.97392	.48956	.00010	.00015
8	Co2286	.00452	.00102	.48645	.48744	.00050	.00030
9	Cr2677	.00451	-.00215	.50261	.51015	.00042	.00197
10	Cu3247	.00975	.00114	.51652	.48682	.00050	-.00009
11	Fe2714	.05543	197.44	97.855	24.626	.01463	.02601
12	K_7664	.47910	.02891	.01322	24.768	.02795	.02749
13	Mg2790	.21057	506.42	497.72	24.779	.02151	.02324
14	Mn2576	.00312	.00162	.49335	.50056	.00012	.00011
15	Mo2020	.01073	.00222	.00021	.49196	.00088	-.00003
16	Na3302	1.1015	-.05618	-.19823	24.948	-.12273	.08901
17	Ni2316	.01034	.00061	.96207	.49721	.00105	.00030
18	2203/1	.00481	.01038	.05566	.49362	-.00298	.00070

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
19	2203/2	.00363	.00191	.05252	.50154	.00184	-.00037
20	Sb2068	.02536	.00676	.61414	.49471	.00935	-.00028
21	1960/1	.02947	.01730	.05438	.50650	-.00058	.01379
22	1960/2	.01280	-.00048	.05053	.49780	.00529	-.00481
23	Ti3372	.00518	.00178	.00300	.50892	.00033	.00009
24	Tl1908	.01933	-.01717	.09366	.50645	-.00012	-.00475
25	V_2924	.00551	.00007	.50762	.48956	.00017	.00056
26	Zn2062	.01124	-.00551	.96244	.49682	.00033	.00175
27	Sn1899	.00829	.00444	.00347	.50759	.00189	.00412
28	Ag3280	.00341	.00111	.21319	.49605	.00008	.00105
29	*Y	3079.61	2893.01	2882.89	3049.12	3070.5	3103.05
30	PB2203	.00402	.00473	.05357	.49890	.00023	-.00001
31	SE1960	.01836	.00544	.05181	.50070	.00333	.00138

#	Element	AD8'6/FB	AD849692	AD854523	AD854524	AD854525	AD8'1:5)
1	Al3082	10.333	.04326	55.018	43.712	63.923	14.094
2	As1890	.20253	.00055	.03246	.03307	.21463	.04145
3	B_2496	.21139	.04817	.05001	.04672	.08704	.01957
4	Ba4934	.20734	.06948	.37218	.53619	.72986	.15577
5	Be3130	.20364	.00006	.00286	.00222	.00510	.00114
6	Ca3179	10.449	130.60	277.82	237.17	34.659	7.2885
7	Cd2265	.20381	-.00012	.00250	.00782	.00449	.00099
8	Co2286	.20351	.00040	.04146	.03077	.03476	.00763
9	Cr2677	.20549	-.00020	.11345	.13450	.11781	.02604
10	Cu3247	.20212	.00003	.20654	.25761	.17813	.03693
11	Fe2714	10.233	5.0344	92.935	96.381	79.927	17.147
12	K_7664	10.042	2.5869	7.1868	5.6871	6.4988	1.4214
13	Mg2790	10.261	65.960	159.03	112.28	15.905	3.4318
14	Mn2576	.20402	.15925	4.1088	4.7294	1.4852	.31373
15	Mo2020	.20262	.00458	.00370	.00645	.00981	.00277
16	Na3302	10.412	14.577	1.0085	.88669	.92177	.17600
17	Ni2316	.20451	.00049	.08110	.10656	.21565	.04576
18	2203/1	.20253	-.00066	.67736	1.6234	.66671	.14276
19	2203/2	.20856	-.00125	.67944	1.6533	.67585	.14319
20	Sb2068	.20317	.00789	.00127	.00847	.00565	.00726
21	1960/1	.21191	.01375	.00403	.01120	.02705	.01912
22	1960/2	.20323	-.00383	.00188	-.00111	.01390	.00089
23	Ti3372	.20238	.00019	1.6116	1.1728	1.7447	.41758
24	Tl1908	.21171	.00343	L-.01091	-.00853	-.00503	-.00351
25	V_2924	.20246	-.00035	.10908	.13688	.83137	.17604
26	Zn2062	.20334	.00162	.61089	1.5151	.60263	.12932
27	Sn1899	.20809	.00070	.01927	.03059	.02346	.00548
28	Ag3280	.05071	.00022	.00360	.03272	.00811	.00251
29	*Y	3088.73	3032.25	3160.84	3234.19	3242.18	3095.25
30	PB2203	.20655	-.00105	.67875	1.6434	.67280	.14305
31	SE1960	.20612	.00202	.00260	.00299	.01828	.00697

#	Element	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB	AD854528
1	Al3082	84.270	91.027	79.993	25.320	.02544	63.321
2	As1890	.57747	.54880	.50800	.48069	L-.00615	.04308
3	B_2496	.47367	.43448	.41878	.48863	.00071	.04298
4	Ba4934	1.1185	1.1513	1.0445	.50347	.00010	.59400
5	Be3130	.38256	.37508	.37354	.49522	.00018	.00335
6	Ca3179	52.652	62.928	56.702	24.968	.02298	29.390
7	Cd2265	.38140	.37335	.37244	.48732	.00010	.00275
8	Co2286	.40871	.41958	.40234	.48487	.00023	.03352
9	Cr2677	.49735	.52028	.47622	.51045	-.00004	.09410
10	Cu3247	.54807	.58937	.55076	.48733	.00011	.14648
11	Fe2714	96.385	114.64	98.200	24.567	.01665	86.670
12	K_7664	27.865	25.753	24.885	24.778	.02610	5.8584
13	Mg2790	34.704	37.943	36.182	24.849	.02407	16.316
14	Mn2576	1.8034	2.0150	1.8443	.49864	.00016	2.8805
15	Mo2020	.38820	.36889	.36960	.49292	.00147	.00575
16	Na3302	20.869	19.104	19.087	25.069	-.08152	.82713
17	Ni2316	.58422	.63468	.58062	.49601	.00039	.10760
18	2203/1	1.0103	1.1520	1.0340	.49179	.00197	.47132
19	2203/2	1.0299	1.1715	1.0598	.49847	-.00118	.47628
20	Sb2068	.35942	.17645	.18432	.49180	.00859	.00732
21	1960/1	.38783	.36801	.37156	.50382	.00897	.01082
22	1960/2	.39259	.36715	.36537	.50257	.00034	.00337
23	Ti3372	2.2420	2.0791	1.8415	.51175	H.00556	1.5625
24	Tl1908	.37739	.36901	.37239	.50016	-.00079	L-.01460
25	V_2924	1.1845	1.3317	1.1667	.49188	.00011	.27638
26	Zn2062	.95929	1.0875	.98438	.49347	.00042	.77830
27	Sn1899	.34198	.38878	.36992	.50424	.00187	.02164
28	Ag3280	.10301	.10560	.10283	.49600	.00060	.00360
29	*Y	3213.19	3190.99	3162.34	3003.86	3011.81	3235.24
30	PB2203	1.0234	1.1650	1.0512	.49624	-.00013	.47463
31	SE1960	.39100	.36743	.36743	.50298	.00322	.00585

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
1	Al3082	61.459	60.151	31.903	36.045	39.181	41.462
2	As1890	.04344	.06661	.10001	.23324	.03782	.03185
3	B_2496	.08630	.06927	.08047	.19853	.02105	.04056
4	Ba4934	6.2372	.73005	.94844	.61844	.22350	.44456
5	Be3130	.00328	.00357	.00369	.00581	.00192	.00217
6	Ca3179	H638.50	149.35	35.387	H1001.5	57.195	161.65
7	Cd2265	.02049	.00338	.00096	.00599	.00081	.00639
8	Co2286	.03827	.04715	.02834	.03183	.04508	.03047
9	Cr2677	.13516	.10559	.05324	.17935	.05813	.11366
10	Cu3247	.35744	.26470	.11366	.28217	.07768	.24969
11	Fe2714	120.82	117.28	67.969	122.04	105.07	95.341
12	K_7664	8.4467	9.6320	10.415	7.5455	5.5029	4.2089
13	Mg2790	137.74	65.078	16.595	468.43	36.542	91.321
14	Mn2576	2.9864	3.7092	.97755	2.3359	2.0351	2.1920
15	Mo2020	.00587	.00589	.00557	.02063	.00340	.00553
16	Na3302	1.5077	.93735	.69140	1.8495	.22684	.66068
17	Ni2316	.12150	.15218	.22632	.10968	.09857	.08449
18	2203/1	.83747	.79909	.29561	.97302	.30532	1.7199

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
19	2203/2	.84398	.81652	.29845	.97818	.30395	1.7588
20	Sb2068	.00384	.00595	.00754	.01050	.00494	.01099
21	1960/1	.01902	.01595	.01549	.03718	.01860	.00794
22	1960/2	.00278	.00563	.00911	.02721	-.00376	.00209
23	Ti3372	1.7495	1.5548	1.2083	1.4960	.54649	1.0818
24	Tl1908	L-.01137	L-.01319	-.00649	L-.01518	-.00942	-.00762
25	V_2924	.14329	.38424	.61360	.18683	.06809	.14430
26	Zn2062	4.0530	.91914	.27943	1.5460	.37849	1.3541
27	Sn1899	.04468	.03537	.02965	.03628	.03354	.03395
28	Ag3280	.00237	.00315	.00260	.00526	.00435	.03657
29	*Y	3176.06	3180.98	3111	3027.53	3134.7	3223.95
30	PB2203	.84181	.81071	.29750	.97646	.30441	1.7458
31	SE1960	.00819	.00907	.01124	.03054	.00369	.00404

#	Element	AD854538	AD8'1:5)	AD8'1:5)	CCV	CCB	AD8'LPSL
1	Al3082	44.483	13.365	7.4563	25.158	.02751	84.688
2	As1890	.04651	.00765	.04793	.47592	-.00010	1.1916
3	B_2496	.17461	.01928	.04228	.48782	.00115	1.2082
4	Ba4934	2.4591	1.3326	.12744	.50287	.00028	2.0654
5	Be3130	.00129	.00077	.00131	.49150	.00017	1.0494
6	Ca3179	220.14	131.40	189.39	24.855	.01974	86.771
7	Cd2265	.01171	.00449	.00122	.48741	.00020	.91393
8	Co2286	.04980	.00867	.00739	.48392	.00054	1.1959
9	Cr2677	2.4846	.03001	.03877	.50884	.00041	2.0757
10	Cu3247	2.3487	.07433	.05718	.48387	.00036	1.3810
11	Fe2714	413.68	26.655	26.256	24.533	.01667	143.85
12	K_7664	26.144	1.7151	1.3843	24.735	.01701	47.382
13	Mg2790	66.765	29.974	100.56	24.801	.02117	43.522
14	Mn2576	12.008	.65149	.49683	.49639	.00010	4.5220
15	Mo2020	.10245	.00260	.00361	.48932	.00158	1.0259
16	Na3302	12.297	.33251	.40210	24.954	-.12630	7.4741
17	Ni2316	.22198	.02728	.02500	.49240	.00047	1.0953
18	2203/1	.54746	.18505	.20430	.49148	-.00344	1.5336
19	2203/2	.50710	.18895	.21587	.50078	.00095	1.5675
20	Sb2068	.01847	.00541	.00551	.48717	.00747	.56517
21	1960/1	.03681	.00974	.01629	.49947	.00494	.87353
22	1960/2	.01880	-.00481	.00661	.50614	-.00531	.89003
23	Ti3372	4.5685	.39768	.31758	.51104	.00080	4.6784
24	Tl1908	L-.04993	.00152	.00333	.49220	-.00484	1.4445
25	V_2924	.14638	.03076	.03923	.49418	.00035	1.1097
26	Zn2062	4.9998	.91914	.34276	.49317	.00060	2.5517
27	Sn1899	.13960	.01121	.00851	.50043	-.00027	.97756
28	Ag3280	.05969	.00139	.00084	.49413	-.00005	.74807
29	*Y	3096.3	3052.65	3006.75	3010.43	3004.12	3221.74
30	PB2203	.52054	.18765	.21202	.49768	-.00051	1.5562
31	SE1960	.02480	.00004	.00984	.50391	-.00189	.88452

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8':10)	AD8':10)	AD8'1:5)
1	Al3082	.02634	.02772	.02440	.02723	.01417	.02675
2	As1890	-.00053	.00356	.01556	.00738	.00963	.01655
3	B_2496	.00851	.99495	1.8607	.83413	.94134	.47581
4	Ba4934	.00258	.07913	.08386	.04316	.06569	.30110
5	Be3130	.00016	-.00002	-.00003	-.00005	.00000	.00004
6	Ca3179	20.824	7.7866	24.075	6.2543	6.0431	19.017
7	Cd2265	.00012	.00004	.00006	.00009	.00000	.00001
8	Co2286	.02603	.00442	.00771	.00590	.00538	.00279
9	Cr2677	.00073	.00646	.00624	.01057	.00592	.00645
10	Cu3247	-.00003	-.00040	.00027	-.00009	-.00127	.00008
11	Fe2714	15.400	.51237	1.8261	.64246	.78451	1.7779
12	K_7664	.69745	44.435	58.411	51.074	46.279	21.638
13	Mg2790	10.176	10.018	19.239	8.1547	8.2155	11.662
14	Mn2576	4.1816	.02916	.05606	.01894	.01586	.05569
15	Mo2020	.00288	.00148	.00320	.00359	.00115	.00417
16	Na3302	1.0938	155.88	200.95	170.23	146.77	135.03
17	Ni2316	.02219	.02820	.03004	.03149	.03596	.00785
18	2203/1	-.00145	-.00061	-.00369	-.00316	.00406	-.00184
19	2203/2	.00136	.00208	.00295	.00063	-.00168	-.00046
20	Sb2068	.01134	.00146	.00424	.00361	.00574	.00549
21	1960/1	.00153	.00342	.00687	.00300	.01364	.01341
22	1960/2	-.00357	.00361	-.00061	.00014	-.00060	.00226
23	Ti3372	.00330	.00431	.00573	.01289	.00555	.00377
24	Tl1908	-.00477	-.00496	-.00162	-.00139	.00000	.00169
25	V_2924	.00070	.00165	.00389	.00658	.00329	.00160
26	Zn2062	.00570	.00281	.00119	.00324	.00102	.00612
27	Sn1899	.00421	.00225	.00528	.00344	.00221	.00348
28	Ag3280	.00082	-.00072	.00029	.00037	-.00035	.00053
29	*Y	3006.3	3046.09	3033.45	3046.69	3018.15	3018.64
30	PB2203	.00042	.00118	.00074	-.00062	.00022	-.00092
31	SE1960	-.00187	.00355	.00187	.00109	.00414	.00598

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
1	Al3082	.03321	.04849	.04416	25.355	.02248	.05641
2	As1890	.00575	.00887	.00425	.48354	-.00148	-.00181
3	B_2496	.79017	1.7565	2.4226	.49294	.00132	1.0413
4	Ba4934	.02354	.06919	.02944	.50918	.00014	.01279
5	Be3130	.00000	-.00010	-.00005	.49466	.00018	.00000
6	Ca3179	3.1383	8.4326	2.5684	25.100	.02045	11.478
7	Cd2265	.00012	-.00001	.00022	.48778	.00012	.00006
8	Co2286	.00452	.00668	.00586	.48498	-.00005	.00404
9	Cr2677	.00860	.01553	.01461	.50860	.00023	.01044
10	Cu3247	.00122	.00067	-.00067	.48844	-.00103	.00027
11	Fe2714	.18015	1.0009	.39415	24.512	.00804	2.4579
12	K_7664	36.712	45.193	30.948	24.820	.01771	42.335
13	Mg2790	5.4259	7.7455	3.5193	24.992	.02309	12.187
14	Mn2576	.00666	.04540	.01362	.49622	.00015	.11288
15	Mo2020	.00105	.01009	.00267	.49113	.00150	.00247
16	Na3302	106.33	168.34	110.41	24.891	-.10772	123.00
17	Ni2316	.02586	.02863	.02128	.49715	.00026	.04925
18	2203/1	-.00125	-.00056	.00278	.49399	.00249	.00093

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
19	2203/2	.00144	.00097	-.00295	.50621	.00020	.00024
20	Sb2068	.00644	.00608	.00570	.49645	.00681	.00383
21	1960/1	.00057	.00522	.01126	.50380	.01896	.00818
22	1960/2	-.00034	.00363	-.00281	.50448	-.00526	.00104
23	Ti3372	.00670	.01406	.01425	.52022	.00128	.00862
24	Tl1908	-.00192	-.00550	-.00150	.50346	-.00153	.00055
25	V_2924	.00277	.00538	.00501	.49713	.00012	.00295
26	Zn2062	.01058	.00735	.00850	.49513	.00025	.27936
27	Sn1899	.00495	.00610	.00653	.50344	.00196	.00381
28	Ag3280	.00024	.00012	.00080	.49326	.00062	.00036
29	*Y	3027.56	3079.24	3060.6	2984.85	3000.64	3041.89
30	PB2203	.00054	.00046	-.00104	.50214	.00096	.00047
31	SE1960	-.00004	.00416	.00187	.50424	.00280	.00342

#	Element	AD8'1/PB	AD8'/LFB	AD854098	AD854099	AD854100	AD854115
1	Al3082	.02922	10.557	.09569	.05407	.24092	.15009
2	As1890	-.00270	.20873	.00935	-.00026	.00150	.00415
3	B_2496	.00693	.21211	.89279	.26886	.17574	.11065
4	Ba4934	.00021	.21549	.08379	.42503	.10758	.02234
5	Be3130	.00012	.20533	.00032	.00014	.00014	.00034
6	Ca3179	.12452	10.481	448.10	201.21	225.07	495.68
7	Cd2265	.00014	.20627	-.00027	-.00002	.00010	-.00003
8	Co2286	.00031	.20569	.00768	.00164	.00400	.00047
9	Cr2677	.00003	.20902	.00644	.00048	.00459	.00059
10	Cu3247	-.00070	.20305	.01231	-.00039	.00534	-.00047
11	Fe2714	.00528	10.388	41.916	29.016	21.342	.28439
12	K_7664	.03614	10.349	15.270	11.037	7.8226	2.7241
13	Mg2790	.02819	10.450	135.76	59.620	59.389	126.63
14	Mn2576	.00017	.20728	4.9406	4.3120	1.5972	3.3059
15	Mo2020	-.00001	.20555	.00264	-.00025	.00202	.01767
16	Na3302	.28549	10.553	134.55	48.559	31.373	38.675
17	Ni2316	.00091	.20517	.05379	.00800	.01207	.03751
18	2203/1	.00183	.20705	.00397	-.00178	.00036	-.00032
19	2203/2	-.00038	.20935	-.00309	-.00036	-.00038	-.00233
20	Sb2068	.00408	.20154	.00627	.00611	.00639	.00352
21	1960/1	.00505	.21907	.01389	.01243	.00663	.01736
22	1960/2	.00381	.20386	-.00643	-.00658	-.00199	-.00194
23	Ti3372	.00052	.20776	.00367	.00079	.01145	.00345
24	Tl1908	-.00275	.21180	L-.01198	-.00731	-.00172	-.00112
25	V_2924	.00000	.20918	.00116	.00021	.00149	.00031
26	Zn2062	.00119	.20585	.08147	.01751	.08588	.00187
27	Sn1899	.00569	.21285	.00246	.00233	.00099	.00288
28	Ag3280	.00054	.05148	.00069	-.00058	-.00020	.00009
29	*Y	3033.9	3034.69	2932.31	2986.35	2985.83	2911.91
30	PB2203	.00035	.20859	-.00074	-.00083	-.00013	-.00166
31	SE1960	.00423	.20893	.00034	-.00024	.00088	.00449

#	Element	AD854116	AD854117	AD854118	CCV	CCB	AD854119
1	Al3082	.18968	.13727	.11848	25.318	.01845	.23908
2	As1890	-.00175	.12186	-.00087	.48582	-.00320	.00672
3	B_2496	.12902	.78899	.15653	.48911	.00234	2.5608
4	Ba4934	.02187	.00319	.04891	.50883	-.00002	.55379
5	Be3130	.00037	.00031	.00020	.49316	.00021	.00019
6	Ca3179	432.88	185.70	85.567	25.055	.01627	186.93
7	Cd2265	.00004	.00025	.00010	.48910	.00019	.00020
8	Co2286	.00066	.03436	.00066	.48528	.00057	.00281
9	Cr2677	.00145	.00470	.00093	.50955	-.00010	.01023
10	Cu3247	-.00005	.00310	-.00068	.48717	-.00103	-.00020
11	Fe2714	3.4574	.62583	.29329	24.536	.00345	1.5591
12	K_7664	5.9603	16.407	2.4742	24.943	.02431	58.201
13	Mg2790	235.65	291.21	57.563	24.920	.02103	136.22
14	Mn2576	.11424	7.8780	.00616	.49617	.00017	1.4772
15	Mo2020	.00433	.04553	.00030	.49242	.00065	.00085
16	Na3302	333.06	H1094.6	9.2011	25.036	-.02620	H1096.9
17	Ni2316	.00260	.11563	.00118	.49639	-.00006	.03499
18	2203/1	-.00320	-.00041	-.00445	.49137	.00144	-.00179
19	2203/2	-.00058	-.00279	.00342	.50812	-.00113	-.00332
20	Sb2068	.00599	.00675	.00052	.49643	.00369	.00889
21	1960/1	.00421	.01174	-.00065	.50366	.00660	.01672
22	1960/2	-.00266	.00194	.00263	.50661	-.00301	-.00203
23	Ti3372	.00507	.00314	.00189	.51981	.00042	.02393
24	Tl1908	-.00330	-.00793	.00085	.50903	.00068	-.00265
25	V_2924	.00020	.00190	.00023	.49979	.00053	.04420
26	Zn2062	.00299	.00324	.00226	.49517	.00026	.00758
27	Sn1899	-.00095	.00406	.00488	.49825	.00197	.00184
28	Ag3280	.00002	.00066	-.00016	.49378	.00019	-.00024
29	*Y	2870.25	2808.94	2983.5	2953.58	2956.88	2920.91
30	PB2203	-.00146	-.00199	.00080	.50254	-.00027	-.00281
31	SE1960	-.00037	.00521	.00153	.50562	.00019	.00422

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'100)	AD8'100)
1	Al3082	.03582	.01528	.02107	.06618	.01066	.00758
2	As1890	.00351	.00203	.00440	.00061	-.00125	-.00389
3	B_2496	.68117	1.0281	.82154	.70233	.00462	.00280
4	Ba4934	.08460	.14286	.04985	.15631	.00009	.00012
5	Be3130	.00007	.00004	.00011	.00015	.00012	.00014
6	Ca3179	125.82	40.964	98.972	53.200	.02331	.01746
7	Cd2265	-.00001	.00007	-.00004	.00011	.00015	.00010
8	Co2286	.00302	.00435	.00317	.00098	.00017	.00025
9	Cr2677	.00519	.00649	.00271	.00337	.00019	.00026
10	Cu3247	-.00011	-.00006	-.00047	-.00050	-.00112	-.00049
11	Fe2714	6.2809	2.3877	9.9080	.45650	.01640	.00623
12	K_7664	9.1637	8.4574	3.4682	13.678	.02714	.03443
13	Mg2790	42.620	20.814	29.472	39.034	.00920	.00365
14	Mn2576	.45188	.21883	.80990	.42216	.00021	.00018
15	Mo2020	.00056	.00026	-.00019	.00117	-.00136	.00006
16	Na3302	149.46	146.94	101.26	321.75	15.446	15.455
17	Ni2316	.04134	.03153	.03334	.01072	.00043	.00048
18	2203/1	-.00049	.00145	-.00189	-.00345	6.9309	6.4359

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'100)	AD8'100)
19	2203/2	-.00048	-.00033	-.00062	-.00056	7.1812	6.6589
20	Sb2068	.00449	.00575	.00579	.00675	.00772	.00624
21	1960/1	.00288	.01747	.00377	.00353	.00251	.00555
22	1960/2	-.00131	.00062	-.00258	-.00503	.00066	-.00027
23	Ti3372	.00352	.00448	.00094	.00716	.00048	.00040
24	Tl1908	-.00423	-.00240	-.00560	-.00058	-.00824	.00310
25	V_2924	.00190	.00289	.00103	.01271	.00000	.00048
26	Zn2062	.00340	.00217	.00535	.00195	.00052	.00044
27	Sn1899	.00295	.00195	.00462	.00250	.16002	.15137
28	Ag3280	-.00041	.00008	.00074	-.00007	.00070	.00069
29	*Y	2973.45	2982.19	2962.84	2928.45	2959.99	2949.19
30	PB2203	-.00049	.00026	-.00104	-.00152	7.0978	6.5847
31	SE1960	.00008	.00624	-.00046	-.00218	.00128	.00166

#	Element	AD8'500)	AD8'100)	AD8'100)	CCV	CCB	AD8'100)
1	Al3082	.00655	.00393	.00756	25.158	.02106	.00647
2	As1890	.00004	.99129	.00686	.47906	-.00352	.00586
3	B_2496	.00090	.00261	.00256	.48753	.00126	.00313
4	Ba4934	-.00003	1.0257	.01019	.50770	.00013	.01010
5	Be3130	.00016	.98411	.00977	.48876	.00022	.00957
6	Ca3179	.00726	.01349	.01292	24.884	.01550	.01067
7	Cd2265	.00002	1.0069	.00987	.48582	.00015	.00973
8	Co2286	.00008	.95307	.00955	.48244	.00057	.00911
9	Cr2677	.00059	.99895	.00953	.50637	.00052	.00986
10	Cu3247	-.00091	.93464	.00850	.48279	-.00090	.00836
11	Fe2714	.00577	.06606	.00566	24.372	.01505	.00058
12	K_7664	.03653	.02607	.01958	24.940	.02776	.03196
13	Mg2790	.00253	.00804	.00432	24.893	.02214	.00772
14	Mn2576	.00006	.99734	.00981	.49443	.00018	.00969
15	Mo2020	-.00089	.99698	.00805	.49028	.00252	.00689
16	Na3302	3.1298	15.108	14.924	24.979	-.05894	14.788
17	Ni2316	.00104	1.0059	.01022	.49212	.00013	.00976
18	2203/1	1.2797	7.4041	6.3239	.48778	-.00129	6.2135
19	2203/2	1.3296	7.6428	6.5902	.50296	.00255	6.4595
20	Sb2068	.00225	.97413	.01464	.50271	.00982	.01381
21	1960/1	.00859	1.0047	.02027	.49534	.00825	.02372
22	1960/2	.00444	1.0073	.00645	.50815	-.00437	.00437
23	Ti3372	.00018	.00028	.00075	.51999	.00074	.00041
24	Tl1908	-.00100	1.0379	.00632	.50420	-.00246	-.00021
25	V_2924	.00012	1.0139	.00985	.49791	.00042	.00962
26	Zn2062	.00017	1.0067	.01019	.49319	-.00009	.00964
27	Sn1899	.03022	.14971	.09762	.49739	.00211	.11495
28	Ag3280	-.00020	.98777	.00971	.49146	.00063	.00985
29	*Y	2943.94	2963.77	2964.41	2956.99	2953.39	2944.76
30	PB2203	1.3130	7.5633	6.5015	.49791	.00127	6.3776
31	SE1960	.00582	1.0064	.01105	.50387	-.00016	.01082

#	Element	AD8'100)	AD8'100)	AD8'1:5)	AD8'5/PB	AD8'4/FB	AD854423
1	Al3082	.00698	.00770	11.687	.05105	10.152	1.3811
2	As1890	-.00258	-.00069	.01205	-.00082	.19980	.00598
3	B_2496	.00230	.00218	.12408	.00664	.20133	.05690
4	Ba4934	.00020	.00007	.13483	-.00001	.20841	1.9509
5	Be3130	.00013	.00013	.00119	.00007	.19789	.00024
6	Ca3179	.00981	.01084	430.01	.08981	10.163	H613.07
7	Cd2265	.00007	.00001	L-.00279	.00008	.19858	.00014
8	Co2286	.00046	.00040	.01037	.00075	.19822	.00089
9	Cr2677	.00062	.00022	1.5889	.00075	.19990	.00416
10	Cu3247	.00127	-.00033	.10017	-.00087	.19651	.00075
11	Fe2714	.00902	.00297	298.59	.03952	9.9714	.24844
12	K_7664	.04526	.03169	.63497	.03041	9.9337	29.306
13	Mg2790	.00694	.00636	72.084	.00870	10.078	.08352
14	Mn2576	.00022	.00023	H45.148	H.00252	.19994	.00605
15	Mo2020	.00002	-.00019	.02344	.00056	.19711	.06279
16	Na3302	15.294	15.003	.56304	-.03619	10.315	95.467
17	Ni2316	.00150	.00282	.02431	.00079	.19730	.01676
18	2203/1	4.9921	5.2728	.09157	-.00247	.19683	-.00330
19	2203/2	5.1998	5.4697	.08841	-.00024	.20553	.00091
20	Sb2068	.00637	.00457	.00670	.00340	.20016	.00632
21	1960/1	.01351	.00515	.00307	.00726	.21566	.00598
22	1960/2	-.00421	-.00045	-.01678	-.00063	.20261	.00274
23	Ti3372	.00035	.00049	4.5986	H.00250	.20357	.00701
24	Tl1908	-.00659	.00047	L-.04778	-.00194	.20381	-.00056
25	V_2924	.00054	.00024	1.1641	.00041	.20229	.00632
26	Zn2062	.00053	.00035	.22110	.00199	.19990	.00642
27	Sn1899	.00191	.00238	.01215	.00032	.20455	.00208
28	Ag3280	.00093	.00028	.00096	.00010	.04997	-.00001
29	*Y	2935.61	2941.91	2910.79	2998.84	2986.91	2953.24
30	PB2203	5.1306	5.4041	.08947	-.00098	.20263	-.00049
31	SE1960	.00169	.00141	L-.01016	.00199	.20696	.00382

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
1	Al3082	1.2812	.25650	11.836	25.477	.02349	.08595
2	As1890	.01990	-.00001	.22149	.49185	-.00416	.04374
3	B_2496	.08816	.01783	.29230	.49246	.00050	.08799
4	Ba4934	.01759	.00329	.23324	.51555	.00009	.011
5	Be3130	-.00006	.00004	.20222	.49440	.00024	.31133
6	Ca3179	40.212	7.9660	49.679	25.192	.01786	.02199
7	Cd2265	.00015	-.00009	.20111	.48967	.00013	-.02436
8	Co2286	.00143	.00030	.20201	.48766	.00027	-.00389
9	Cr2677	.00115	.00004	.20264	.51042	-.00007	.00609
10	Cu3247	.00008	-.00162	.20386	.49018	-.00133	.02656
11	Fe2714	.07972	.01495	10.150	24.562	.01551	-.00084
12	K_7664	28.398	5.1294	39.054	25.109	.02153	-.12387
13	Mg2790	.14370	.03187	10.299	25.144	.01912	.03096
14	Mn2576	.00192	.00031	.20355	.49902	.00014	.00186
15	Mo2020	.14260	.02899	.34212	.49676	.00239	.00608
16	Na3302	229.55	45.491	235.67	25.362	-.06337	-.00186
17	Ni2316	.03659	.00694	.23507	.49741	.00014	-.0596
18	2203/1	.00023	.00029	.19969	.49043	.00015	.01759

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'5/MS
1	Al3082	.20203	521.89	520.15	24.950	.02003	11.117
2	As1890	.01059	.00089	.10724	.47888	.00227	.21944
3	B_2496	.02163	.00232	.02359	.48977	.00073	.27921
4	Ba4934	.00215	.00105	.52111	.49851	.00013	.21748
5	Be3130	.00196	.00094	.49195	.49089	.00012	.19364
6	Ca3179	.49502	534.32	530.28	24.718	.02124	48.514
7	Cd2265	.00114	-.00186	.97034	.48556	.00036	.19263
8	Co2286	.00371	.00052	.48551	.48310	.00071	.19500
9	Cr2677	.00355	-.00290	.50085	.50510	.00008	.19450
10	Cu3247	.00925	-.00014	.51401	.48400	.00032	.19771
11	Fe2714	.05398	195.06	97.089	24.357	.02182	9.7750
12	K_7664	.46916	.02129	.01369	24.665	.02143	37.763
13	Mg2790	.20999	503.03	496.42	24.584	.02153	9.8157
14	Mn2576	.00301	.00151	.49103	.49586	.00020	.19682
15	Mo2020	.01115	-.00171	.00127	.48920	.00126	.33160
16	Na3302	1.4269	.01021	.06243	24.817	-.06303	226.89
17	Ni2316	.00901	.00001	.95869	.49328	.00005	.22808
18	2203/1	.01013	.00231	.04974	.48617	-.00270	.18949
19	2203/2	.00130	.00430	.05620	.50057	.00161	.19853
20	Sb2068	.01899	-.00490	.65319	.50946	-.00107	.20351
21	1960/1	.02440	-.00821	.05057	.47645	-.00271	.15872
22	1960/2	.01064	-.00841	.05431	.51065	.00149	.17622
23	Ti3372	.00539	.00128	.00250	.50799	.00011	.19457
24	Tl1908	.01896	-.03869	.08357	.50394	.00454	.19901
25	V_2924	.00472	.00027	.50390	.48524	.00081	.20324
26	Zn2062	.01084	-.00610	.95898	.49261	-.00009	.20234
27	Sn1899	.01314	.00489	.00519	.49382	.00243	.20040
28	Ag3280	.00394	.00067	.21250	.49336	.00024	.05002
29	*Y	2963.93	2771.74	2770.01	2929.31	2939.33	3020.55
30	PB2203	.00424	.00364	.05404	.49577	.00017	.19552
31	SE1960	.01523	-.00835	.05307	.49925	.00008	.17038

#	Element	AD8'6/SD	AD854427	AD854428	AD854429	AD854430	AD854431
1	Al3082	11.275	1.4854	.23062	.34052	.04429	3.2318
2	As1890	.21847	.00324	.01946	.01347	.00079	.00877
3	B_2496	.28423	.01652	12.277	5.9199	.19304	.10298
4	Ba4934	.22082	.17455	1.6574	.72888	.04064	.13249
5	Be3130	.19771	-.00006	-.00007	-.00013	-.00009	.00220
6	Ca3179	49.592	225.06	543.03	367.57	12.178	61.068
7	Cd2265	.19634	-.00009	-.00048	.00010	.00006	.00107
8	Co2286	.19874	.00112	.01631	.00998	-.00008	.03612
9	Cr2677	.19902	.01377	.06571	.04569	.00031	-.00011
10	Cu3247	.20112	.02437	.00742	.00777	-.00009	.00888
11	Fe2714	9.9788	.05641	120.79	54.549	.02766	173.94
12	K_7664	37.977	19.418	249.98	170.17	.53298	3.5498
13	Mg2790	10.038	.02527	128.06	79.878	2.5205	18.461
14	Mn2576	.20062	.00087	11.414	6.4379	.00117	1.4500
15	Mo2020	.33637	.26789	.00427	.00592	.00016	.00403
16	Na3302	227.66	370.61	H663.71	H584.62	123.06	20.491
17	Ni2316	.23185	.02786	.18474	.13924	.00018	.04258
18	2203/1	.19853	.00378	.01020	.00476	.00187	.00547

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
19	2203/2	.00194	-.00220	.20520	.51273	.00000	.01065
20	Sb2068	.00527	.00561	.20659	.50493	.00760	.01581
21	1960/1	.01642	.00789	.20186	.50367	.00773	-.01639
22	1960/2	.00172	-.00700	.20754	.51535	.00097	.03253
23	Ti3372	.00205	.00050	.20858	.52682	.00045	.12484
24	Tl1908	-.00264	-.00287	.20354	.49802	-.00068	-.00966
25	V_2924	.01055	.00231	.21728	.50318	.00012	.0005
26	Zn2062	.01082	.00218	.21371	.49728	.00026	.00118
27	Sn1899	.00135	.00310	.17125	.50322	.00358	-.03197
28	Ag3280	.00024	.00041	.05102	.49638	.00023	-.00539
29	*Y	3026.89	2974.91	3034.91	2928.56	2950.28	2955.04
30	PB2203	.00137	-.00137	.20337	.50530	.00004	
31	SE1960	.00662	-.00204	.20564	.51145	.00322	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.45206	41.8688	84.2077	50.391	18.960	.00296
2	As1890	.49075	2.28708	4.53601	1.0074	.36239	-.00008
3	B_2496	1.54357	7.3494	14.6174	1.0068	.37122	-.00006
4	Ba4934	4.6891	23.4026	46.7878	1.0044	.37864	.00014
5	Be3130	8.17768	39.5105	78.2706	.99950	.37323	.00011
6	Ca3179			61.9277	50.504	18.793	.00634
7	Cd2265	11.3744	56.1252	111.848	.99558	.36978	.00020
8	Co2286	.6334	3.18037	6.35042	1.0000	.36786	-.00030
9	Cr2677	1.87496	9.36345	18.6876	1.0012	.38209	-.00012
10	Cu3247	.97071	4.77032	9.53791	1.0057	.36689	-.00015
11	Fe2714	1.82696	9.1283	18.2047	49.951	18.470	.00223
12	K_7664			70.8924	50.304	18.483	.01761
13	Mg2790			113.238	50.355	18.782	.00748
14	Mn2576	1.30395	6.51149	13.005	.99976	.37561	.00017
15	Mo2020	.93255	4.64204	9.32826	1.0052	.37331	.00140
16	Na3302			3.02275	50.051	18.779	.28796
17	Ni2316	5.0247	25.2157	50.1466	1.0009	.37659	-.00027
18	2203/1	1.28943	6.05503	12.118	.98422	.36501	.00187
19	2203/2	1.36736	6.97991	13.9157	1.0144	.38433	-.00243
20	Sb2068	.33272	1.68958	3.43319	1.0375	Q.39606	.00036
21	1960/1	.32357	1.54931	3.11726	.95330	.36435	.00271
22	1960/2	.56401	2.82071	5.66006	1.0381	.38920	-.00544
23	Ti3372	5.56606	27.1529	54.1084	1.0017	.38549	.00062
24	Tl1908	.23272	1.22353	2.49299	1.0194	.38154	-.00011
25	V_2924	.2944	1.46596	2.93361	1.0010	.36831	.00005
26	Zn2062	.19349	.95866	1.90004	.99850	.37502	-.00044
27	Sn1899	1.28566	6.27376	12.4448	.98838	.37856	.00309
28	Ag3280	1.64501	8.24807	16.5802	1.0016	.37152	.00055
29	*Y	2948.33	2932.2	2929.65	2937	2938.69	2929.27
30	PB2203				1.0044	.37790	-.00100
31	SE1960				1.0099	.38091	-.00272

#	Element	AD8'6/SD	AD854427	AD854428	AD854429	AD854430	AD854431
19	2203/2	.19941	-.00095	.00426	.00314	-.00071	.00090
20	Sb2068	.20288	-.00236	.00589	-.00019	-.00277	-.00134
21	1960/1	.18014	.00907	.00397	.00214	-.00239	.00981
22	1960/2	.17631	-.00063	-.01322	-.00255	.00042	-.01171
23	Ti3372	.19870	.00064	.03612	.03412	.00040	.01522
24	Tl1908	.20085	-.00060	L-.02400	L-.01022	-.00007	L-.02387
25	V_2924	.20701	.00573	.03749	.03307	.00034	.00193
26	Zn2062	.20857	.00987	1.5287	2.0086	.00308	.09150
27	Sn1899	.20635	.00367	.00745	.00895	.00211	.00705
28	Ag3280	.05086	.00082	.00060	.00069	.00034	.00034
29	*Y	3030.52	2949.83	2943.45	2981.4	2961.75	3251.18
30	PB2203	.19912	.00062	.00624	.00368	.00015	.00242
31	SE1960	.17759	.00260	-.00749	-.00099	-.00051	-.00453

#	Element	AD854432	AD854433	AD854434	CCV	CCB	AD854435
1	Al3082	.03403	.01949	.01786	24.882	-.00481	.02636
2	As1890	.00261	-.00087	-.00162	.47918	-.00013	-.00135
3	B_2496	.04532	.00729	.03384	.49144	.00106	.03748
4	Ba4934	.02946	.00014	.09623	.49776	.00007	.03089
5	Be3130	.00020	-.00010	-.00001	.48993	-.00001	-.00001
6	Ca3179	223.32	.08784	92.057	24.664	.00061	79.793
7	Cd2265	.00177	.00009	-.00019	.48596	.00000	.00033
8	Co2286	.06044	-.00033	-.00044	.48396	-.00010	-.00027
9	Cr2677	-.00037	-.00052	-.00044	.50451	-.00028	.00024
10	Cu3247	-.00001	-.00037	.00008	.48253	-.00061	.00252
11	Fe2714	17.678	.01004	4.8271	24.301	-.00148	.05636
12	K_7664	9.1234	.01529	1.3378	24.675	.01491	1.2487
13	Mg2790	52.064	.00968	50.028	24.697	.00330	38.675
14	Mn2576	.99935	.00010	.05467	.49432	.00000	.00800
15	Mo2020	.00068	-.00003	.00108	.49028	.00191	.00067
16	Na3302	12.916	.09591	20.041	24.575	.16136	9.0122
17	Ni2316	.10736	-.00030	.00042	.49304	-.00045	.00036
18	2203/1	.00153	.00381	.00305	.48567	.00408	.00236
19	2203/2	-.00193	-.00231	-.00135	.50005	-.00188	.00135
20	Sb2068	-.00655	-.00458	-.00235	.51186	-.00302	-.00300
21	1960/1	-.00482	.00614	.00441	.48331	-.00295	.00414
22	1960/2	-.00540	.00051	-.00503	.51482	.00127	-.00414
23	Ti3372	.00029	.00022	.00003	.50792	.00029	.00074
24	Tl1908	-.00022	-.00070	.00142	.50680	.00600	.00232
25	V_2924	-.00055	-.00034	-.00070	.48461	-.00005	-.00023
26	Zn2062	.19750	.00104	.01376	.49197	.00008	.26483
27	Sn1899	.00280	.00278	.00579	.49515	.00050	.00255
28	Ag3280	.00007	.00041	.00074	.49251	.00038	.00000
29	*Y	2972.21	2979.45	2963.44	2934.19	2950.99	2961.71
30	PB2203	-.00078	-.00026	.00011	.49526	.00010	.00169
31	SE1960	-.00520	.00239	-.00188	.50431	-.00013	-.00138

#	Element	AD854436	AD854437	AD854438	AD854439	AD854440	AD854441
1	Al3082	.03857	.03345	.16101	.10113	.12314	.70732
2	As1890	.00103	.00301	.00061	.00479	.00421	.00603
3	B_2496	.04765	.17931	.36492	3.5668	2.7841	6.9706
4	Ba4934	.03383	.03791	.56370	.34733	.45103	1.0743
5	Be3130	.00000	-.00004	.00001	-.00023	-.00021	.00008
6	Ca3179	81.629	69.151	245.54	64.734	149.87	181.44
7	Cd2265	.00028	.00090	.00007	.00000	.00032	.00012
8	Co2286	.00084	-.00019	.00127	.01032	.00912	.01127
9	Cr2677	.00039	.00029	.00419	.05930	.02493	.30753
10	Cu3247	.00763	.00938	.00436	.00882	.00216	.00639
11	Fe2714	.15614	2.3521	8.7649	21.481	7.5208	39.037
12	K_7664	1.3733	1.4734	29.047	197.63	169.23	H521.79
13	Mg2790	38.417	35.390	102.70	228.24	189.21	296.76
14	Mn2576	.03030	.03600	.58456	.07552	.30296	.16003
15	Mo2020	.00032	.00784	.00019	.00760	.00102	.00260
16	Na3302	8.2780	23.523	76.356	H1051.3	H723.18	H1232.8
17	Ni2316	.00081	.00055	.00890	.11249	.09732	.27670
18	2203/1	-.00032	.00464	.00011	.01217	.03169	.05238
19	2203/2	.00037	.00366	.00358	.00713	.03788	.04843
20	Sb2068	-.00463	-.00518	-.00180	-.00595	-.00079	.00911
21	1960/1	.00100	-.00403	-.00259	.00429	-.00030	.01096
22	1960/2	.00068	-.00516	-.00740	-.00400	-.00086	-.00523
23	Ti3372	.00008	-.00019	.00501	.00688	.01340	.01434
24	Tl1908	-.00524	-.00364	.00126	-.00303	-.00303	-.00335
25	V_2924	.00011	-.00008	.00296	.00191	.01006	.00458
26	Zn2062	.14480	1.1912	.01703	.10381	.03123	.21743
27	Sn1899	.00348	.00343	.00681	.01095	.01226	.02806
28	Ag3280	.00025	.00064	.00012	.00030	-.00071	.00076
29	*Y	2937.86	2970	2916.23	2902.01	2929.84	2742.04
30	PB2203	.00013	.00399	.00242	.00881	.03581	.04974
31	SE1960	.00079	-.00478	-.00579	-.00124	-.00067	.00016

#	Element	AD854442	AD854443	AD8'7/PB	CCV	CCB	AD8'6/FB
1	Al3082	1.7291	.19115	.02654	24.896	.00693	9.8547
2	As1890	.00489	.00349	-.00043	.47835	-.00115	.19375
3	B_2496	4.5797	1.7389	.01224	.49278	.00252	.19900
4	Ba4934	1.1843	.66728	.00009	.49782	.00013	.19990
5	Be3130	-.00003	-.00008	.00000	.48905	.00014	.19304
6	Ca3179	149.66	117.31	.06577	24.655	.00406	9.8080
7	Cd2265	.00086	-.00007	.00016	.48521	.00024	.19400
8	Co2286	.01041	.00671	.00036	.48391	.00014	.19403
9	Cr2677	.09484	.01638	.00179	.50349	.00023	.19457
10	Cu3247	.01287	.00105	-.00036	.48145	.00016	.19051
11	Fe2714	31.271	23.862	H.06746	24.231	.01129	9.7039
12	K_7664	259.96	98.895	.03265	24.810	-.00059	9.7532
13	Mg2790	293.58	166.95	.00731	24.604	.00432	9.7653
14	Mn2576	.21146	.08172	.00044	.49345	.00007	.19451
15	Mo2020	.00317	.00114	.00085	.48997	.00103	.19479
16	Na3302	H1007.4	340.06	.07577	24.697	.06528	10.075
17	Ni2316	.23849	.11642	.00010	.49120	-.00022	.19315
18	2203/1	.03324	.03758	-.00259	.48899	-.00473	.19088

#	Element	AD854442	AD854443	AD8'7/PB	CCV	CCB	AD8'6/FB
19	2203/2	.03137	.03286	-.00174	.49916	.00112	.19709
20	Sb2068	.00154	.00274	.00017	.50972	-.00169	.19470
21	1960/1	-.00243	.01300	.00303	.47897	-.00236	.19340
22	1960/2	-.00509	-.00688	-.00230	.50459	.00201	.19590
23	Ti3372	.05028	.00664	.00014	.50833	.00021	.19391
24	Tl1908	-.00918	.00154	.00568	.49932	.00010	.19583
25	V_2924	.00638	.00228	.00099	.48630	.00053	.19276
26	Zn2062	.65348	.04384	.00188	.49192	.00028	.19573
27	Sn1899	.01788	.01262	.00356	.48810	.00118	.19973
28	Ag3280	.00098	.00000	.00000	.49246	-.00001	.04918
29	*Y	2834.74	2898.49	2919.64	2866.58	2867.85	2916.23
30	PB2203	.03199	.03443	-.00202	.49577	-.00082	.19502
31	SE1960	-.00420	-.00025	-.00052	.49605	.00055	.19507

#	Element	AD854294	AD854295	AD854296	AD8'1:5)	AD8'6/PS	AD8'7/MS
1	Al3082	1.4419	1.1902	.35510	.07138	10.983	10.603
2	As1890	.00636	.01966	.00398	-.00017	.20607	.21211
3	B_2496	.06612	.08710	.05415	.00979	.26003	.25350
4	Ba4934	1.2844	.01506	2.9690	.58628	3.1383	3.2598
5	Be3130	.00004	-.00015	.00021	.00006	.19723	.19370
6	Ca3179	420.04	34.449	H762.96	138.99	H755.55	H790.19
7	Cd2265	.00005	-.00001	.00008	.00007	.19442	.19129
8	Co2286	.00022	.00079	.00127	-.00021	.19642	.19506
9	Cr2677	.00104	.00055	.00924	.00138	.20481	.20406
10	Cu3247	-.00029	.00110	.00217	-.00013	.20604	.20404
11	Fe2714	.06490	.07082	.45533	.09008	10.162	10.118
12	K_7664	31.276	27.804	54.126	9.4756	64.672	66.544
13	Mg2790	.02475	.04010	.13430	.02784	9.8763	9.7746
14	Mn2576	.00069	.00075	.01820	.00356	.21584	.21526
15	Mo2020	.06921	.13988	.22528	.04603	.41867	.42628
16	Na3302	120.63	215.97	338.60	66.612	344.05	356.18
17	Ni2316	.02148	.03257	.02672	.00490	.22120	.21751
18	2203/1	-.00058	.00099	.00033	.00067	.19144	.19315
19	2203/2	.00040	.00043	-.00158	-.00190	.19932	.19912
20	Sb2068	-.00077	-.00214	-.00005	-.00257	.20942	.20954
21	1960/1	.00180	.01097	.01116	.00318	.19974	.19992
22	1960/2	-.00104	.00004	.00041	-.00452	.21744	.20204
23	Ti3372	-.00035	.00066	.00257	.00060	.20596	.20175
24	Tl1908	.00367	.00253	.00276	.00317	.20755	.20622
25	V_2924	.00920	.00997	.00052	-.00002	.20087	.19752
26	Zn2062	.00242	.01025	.01000	.00182	.20123	.19859
27	Sn1899	.00176	.00329	.00164	.00445	.16169	.20211
28	Ag3280	-.00039	-.00026	.00017	.00032	.05187	.05196
29	*Y	2903.03	2950.28	2842.2	2869.84	2824.46	2817.26
30	PB2203	.00007	.00062	-.00094	-.00104	.19669	.19713
31	SE1960	-.00009	.00368	.00399	-.00195	.21154	.20133

#	Element	AD8'8/SD	AD854299	AD854300	CCV	CCB	AD854301
1	Al3082	10.363	.22030	.14139	25.038	.00261	.21877
2	As1890	.20905	.00686	.03384	.48280	-.00054	.00448
3	B_2496	.25032	.02999	.20561	.48714	.00073	.03992
4	Ba4934	3.2266	.01051	1.1082	.50293	.00006	.05131
5	Be3130	.19226	.00001	.00029	.49049	.00014	.00003
6	Ca3179	H784.83	19.217	H1076.6	24.728	.00678	45.178
7	Cd2265	.18986	-.00001	.00010	.48203	.00020	.00007
8	Co2286	.19359	.00033	.00423	.48139	-.00015	.00049
9	Cr2677	.20166	.00076	.01659	.50168	.00063	.00995
10	Cu3247	.20272	.00014	.00111	.48398	-.00039	.00135
11	Fe2714	10.030	.44986	.19671	24.095	.01079	.18189
12	K_7664	65.610	5.4018	66.360	24.745	.00045	29.293
13	Mg2790	9.7148	10.609	.14178	24.575	.00599	18.341
14	Mn2576	.21448	.01312	.00554	.49199	.00008	.01154
15	Mo2020	.42165	.13451	.11147	.48671	.00148	.07592
16	Na3302	353.18	172.21	H486.80	24.572	.14359	258.57
17	Ni2316	.21703	.01795	.02607	.49320	.00066	.01363
18	2203/1	.18947	.00499	.00127	.48463	.00024	-.00239
19	2203/2	.19748	-.00071	-.00166	.49907	-.00027	.00232
20	Sb2068	.20476	.00021	-.00452	.50929	-.00481	-.00294
21	1960/1	.20031	.00240	.00785	.47659	.00418	.00017
22	1960/2	.20051	-.00205	.00729	.51469	.00245	-.00754
23	Ti3372	.19967	.00377	.00210	.51106	.00041	.00254
24	Tl1908	.19693	.00522	-.00240	.50184	.00206	.00105
25	V_2924	.19558	.00263	.00026	.48227	.00053	.00273
26	Zn2062	.19957	.01439	.01051	.48946	.00019	.01405
27	Sn1899	.19612	.00241	.00260	.48814	.00377	.00363
28	Ag3280	.05101	.00084	-.00023	.49051	-.00014	-.00035
29	*Y	2834.74	2886.34	2811.15	2838.23	2876.21	2866.8
30	PB2203	.19481	.00118	-.00068	.49426	-.00010	.00075
31	SE1960	.20044	-.00056	.00748	.50198	.00302	-.00497

#	Element	AD854302	AD854303	AD854304	AD854305	AD854306	AD854307
1	Al3082	.61389	.83058	.09412	.94217	.73609	.37399
2	As1890	.00361	.00442	.00429	.00093	.02497	.01053
3	B_2496	.88802	.03090	.08180	.02464	.02824	.03400
4	Ba4934	.37505	.29961	.04991	.30741	.03790	.00824
5	Be3130	.00004	-.00001	.00006	.00010	-.00003	-.00003
6	Ca3179	343.64	89.645	137.27	417.11	18.223	10.064
7	Cd2265	.00021	.00003	.00025	-.00004	.00009	.00023
8	Co2286	.00090	-.00037	.00102	.00031	.00041	.00079
9	Cr2677	.00935	.00066	.01078	.00200	.00078	.00441
10	Cu3247	.00159	.00081	.00216	.00566	.00087	.00188
11	Fe2714	.13410	.07859	3.2577	.02237	.47317	.78185
12	K_7664	189.25	45.405	7.9232	21.145	19.542	20.012
13	Mg2790	.11201	.09968	41.633	.03042	.04884	.12044
14	Mn2576	.00342	.00288	.25282	.00050	.00545	.00805
15	Mo2020	.17063	.06467	.10374	.26458	.21453	.19957
16	Na3302	H662.86	278.46	217.19	351.09	295.67	272.48
17	Ni2316	.01545	.00770	.01163	.02389	.01205	.01420
18	2203/1	-.00587	.00565	.00010	.00544	.00731	.00671

#	Element	AD854302	AD854303	AD854304	AD854305	AD854306	AD854307
19	2203/2	.00276	-.00223	.00279	-.00501	.00611	.00630
20	Sb2068	-.00815	-.00473	-.00169	-.00531	-.00507	-.00399
21	1960/1	.00509	.00164	.00403	.00455	.00293	-.00007
22	1960/2	.00035	-.00799	-.00330	-.00659	-.00199	-.00717
23	Ti3372	.00111	.00091	.00178	.00038	.01020	.00848
24	Tl1908	.00145	-.00619	.00332	-.00370	-.00262	-.00298
25	V_2924	.00361	.00069	.00170	.00247	.01638	.00477
26	Zn2062	.00958	.00742	.00623	.00521	.01555	.03396
27	Sn1899	.00253	.00686	.00504	.00336	.00490	.00242
28	Ag3280	-.00022	.00022	.00052	.00028	.00078	.00057
29	*Y	2834.55	2887.8	2848.84	2843.55	2887.91	2901.49
30	PB2203	-.00011	.00039	.00190	-.00153	.00651	.00643
31	SE1960	.00193	-.00478	-.00085	-.00287	-.00035	-.00481

#	Element	AD854308	AD854309	AD854310	CCV	CCB	AD854311
1	Al3082	.56154	1.4042	.02917	25.064	.00349	.62023
2	As1890	.00927	.01142	-.00245	.47887	.00081	.00406
3	B_2496	.02969	.03369	.07620	.48693	.00056	.01680
4	Ba4934	.16673	.00598	.06051	.49868	.00017	.02513
5	Be3130	-.00002	-.00004	.00018	.49240	.00025	.00008
6	Ca3179	86.050	16.865	416.20	24.908	.02612	142.14
7	Cd2265	.00003	.00072	-.00017	.48810	.00013	-.00004
8	Co2286	.00043	.00054	.00040	.48566	.00022	.00113
9	Cr2677	.03836	.00619	.00007	.50332	-.00010	.00425
10	Cu3247	.00067	.00146	-.00017	.48212	-.00039	.00291
11	Fe2714	.33573	.71130	.04612	24.233	.01855	.83556
12	K_7664	24.452	19.962	3.2048	24.834	.01602	3.2146
13	Mg2790	.08715	.37264	57.072	24.862	.01069	44.195
14	Mn2576	.00366	.00788	.48411	.49347	.00011	1.2105
15	Mo2020	.23748	.14872	.00086	.49086	.00094	.05628
16	Na3302	260.59	193.56	151.73	25.080	.11934	181.85
17	Ni2316	.00718	.01884	-.00010	.49485	-.00002	.01815
18	2203/1	-.00115	.02008	.00198	.48866	-.00004	.00721
19	2203/2	.00158	.01946	-.00240	.50260	.00016	-.00153
20	Sb2068	-.00344	-.00336	-.00212	.51209	-.00518	-.00230
21	1960/1	.00578	.00105	.00224	.48637	.00719	.00802
22	1960/2	-.00401	-.00319	-.00256	.51216	-.00667	-.00756
23	Ti3372	.00028	.01270	.00039	.51175	.00024	.01531
24	Tl1908	.00363	-.00001	.00387	.50604	.00480	.00247
25	V_2924	.00537	.00324	-.00017	.48568	.00048	.00174
26	Zn2062	.01837	.05674	.00142	.49410	.00056	.00635
27	Sn1899	-.00123	.00281	.00444	.49151	.00359	.00376
28	Ag3280	-.00006	-.00047	.00053	.49146	.00014	.00105
29	*Y	2883.15	2921.7	2809.95	2858.66	2857.09	2882.59
30	PB2203	.00067	.01967	-.00094	.49796	.00009	.00137
31	SE1960	-.00074	-.00177	-.00096	.50356	-.00204	-.00237

#	Element	AD854312	AD854313	AD854314	AD854315	AD8'4/PB	AD8'3/FB
1	Al3082	.03066	.03004	.07001	.54755	.02488	10.054
2	As1890	.00331	.00254	-.00219	-.00013	-.00243	.19786
3	B_2496	.03121	.07096	.37790	.84944	.00541	.20073
4	Ba4934	.23916	.05721	.84824	.01380	.00013	.20337
5	Be3130	.00019	.00016	.00006	.00011	-.00002	.19839
6	Ca3179	367.25	395.34	47.763	208.93	.06979	10.050
7	Cd2265	.00008	-.00006	.00019	.00014	.00001	.19882
8	Co2286	.00235	.00040	.00027	.00230	.00031	.19866
9	Cr2677	.65707	.00027	.00016	.00123	.00011	.19813
10	Cu3247	.02046	-.00080	.00029	.00006	-.00061	.19526
11	Fe2714	.02669	.04863	.04995	.32894	.00318	9.8865
12	K_7664	14.572	3.0704	6.9155	17.349	.00429	9.9202
13	Mg2790	3.2457	54.673	11.670	155.37	.01404	9.9847
14	Mn2576	.00140	.46351	.01467	.12617	-.00001	.19787
15	Mo2020	.07543	.00143	-.00072	.00127	-.00081	.19905
16	Na3302	88.853	143.65	H842.91	H1249.3	.20662	10.453
17	Ni2316	.00102	.00000	.00042	.00566	-.00013	.19791
18	2203/1	.00182	.00288	.00003	.00081	.00101	.19371
19	2203/2	-.00088	-.00193	.00011	-.00074	-.00060	.20363
20	Sb2068	-.00240	.00120	-.00366	-.00285	-.00717	.19940
21	1960/1	.00100	-.00247	-.00447	.27753	.00214	.19842
22	1960/2	.00148	-.00364	.00204	.29366	.00036	.20559
23	Ti3372	.00103	.00082	.00106	.00875	.00001	.19761
24	Tl1908	.00188	.00129	-.00005	-.00280	-.00277	.20484
25	V_2924	.00054	.00018	.00055	.00169	.00028	.19604
26	Zn2062	.00438	.00149	.00244	.00685	.00337	.19643
27	Sn1899	.00221	.00626	.00393	.00421	.00180	.20038
28	Ag3280	.00103	.00106	.00040	.00057	.00050	.05094
29	*Y	2825.25	2835	2813.81	2726.18	2941.31	2923.05
30	PB2203	.00002	-.00033	.00008	-.00022	-.00006	.20033
31	SE1960	.00132	-.00325	-.00012	.28828	.00095	.20320

#	Element	AD854781	AD854782	AD854783	CCV	CCB	STD BLK
1	Al3082	.03973	.03898	.03508	25.003	.00546	.08483
2	As1890	.00318	.00317	.00839	.48005	.00252	.0252
3	B_2496	.00648	.03877	.09850	.49058	-.00005	.07443
4	Ba4934	.00004	.00042	.06657	.49891	.00008	.00744
5	Be3130	-.00002	-.00003	.00004	.48991	.00015	.31699
6	Ca3179	.06581	.49365	93.137	24.805	.00017	.02008
7	Cd2265	.00012	.00009	-.00007	.48734	.00008	-.01887
8	Co2286	-.00021	.00020	.00046	.48553	.00007	-.00415
9	Cr2677	.00009	.00021	-.00022	.50345	-.00013	-.00086
10	Cu3247	-.00053	.00049	.00616	.48123	-.00034	.01817
11	Fe2714	-.00009	.05355	1.3353	24.164	-.00077	.00086
12	K_7664	.01893	.30807	1.5886	24.962	.01998	-.07046
13	Mg2790	.00574	.20258	46.730	24.815	.00166	.0296
14	Mn2576	.00009	.00038	.01084	.49300	.00000	.00138
15	Mo2020	.00024	.00164	.00200	.49220	.00109	.00241
16	Na3302	.15231	239.96	18.879	25.047	.16825	.00537
17	Ni2316	-.00013	.00015	.00057	.49335	-.00043	-.09834
18	2203/1	-.00236	-.00261	-.00351	.48587	-.00226	.04239

#	Element	AD854781	AD854782	AD854783	CCV	CCB	STD BLK
19	2203/2	-.00169	-.00026	-.00099	.50361	-.00050	.01039
20	Sb2068	-.00363	-.00468	-.00295	.51331	-.00134	.00207
21	1960/1	.00229	-.00630	-.00083	.47758	.01016	-.04796
22	1960/2	.00050	-.00014	.00152	.51090	-.00420	.04604
23	Ti3372	.00042	-.00004	-.00021	.51174	.00045	.11339
24	Tl1908	-.00505	-.00112	-.00116	.49963	.00320	-.01343
25	V_2924	-.00029	.00017	-.00007	.48662	.00036	.0019
26	Zn2062	.00088	.00881	.00738	.49170	.00002	.00069
27	Sn1899	.00102	.00437	.00350	.48794	.00156	.04899
28	Ag3280	-.00030	.00030	.00028	.49248	.00071	-.00104
29	*Y	2936.89	2910.83	2907.98	2871.04	2821.91	2888.06
30	PB2203	-.00191	-.00104	-.00183	.49770	-.00109	
31	SE1960	.00110	-.00219	.00073	.49979	.00058	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.46865	41.871	84.5072	50.233	18.876	.00475
2	As1890	.49162	2.30079	4.55602	.98557	.36147	.00313
3	B_2496	1.53604	7.34092	14.7021	1.0031	.37193	.00152
4	Ba4934	4.71871	23.5339	47.2745	1.0036	.37627	.00014
5	Be3130	8.15699	39.4457	78.4391	.99386	.37185	.00007
6	Ca3179			62.4409	50.033	18.676	.00394
7	Cd2265	11.3843	56.3	112.357	.98991	.37128	.00003
8	Co2286	.63577	3.18977	6.36616	.99519	.36770	.00024
9	Cr2677	1.86898	9.31115	18.6033	.99639	.38319	.00037
10	Cu3247	.95383	4.74349	9.53458	1.0068	.36554	.00017
11	Fe2714	1.81092	9.03356	18.0292	49.742	18.524	.00089
12	K_7664			72.09	50.257	18.472	-.02255
13	Mg2790			113.464	50.003	18.841	.00687
14	Mn2576	1.29475	6.46843	12.9087	.99751	.37654	.00012
15	Mo2020	.93528	4.66869	9.34339	.99896	.37464	.00247
16	Na3302			3.05215	49.871	18.846	-.01856
17	Ni2316	5.02573	25.2046	50.5032	.99238	.37346	.00012
18	2203/1	1.27244	6.16796	12.1281	.98688	.37111	.00033
19	2203/2	1.43112	6.96185	14.1435	.99350	.37563	-.00290
20	Sb2068	.34598	1.70937	3.46608	1.0092	.39156	.00568
21	1960/1	.29121	1.56587	3.08222	.97168	.37245	.00771
22	1960/2	.55167	2.80744	5.80953	1.0403	.39277	-.00869
23	Ti3372	5.57563	27.4103	54.9503	1.0003	.38470	.00046
24	Tl1908	.22452	1.23216	2.49668	1.0276	.38230	.00288
25	V_2924	.29482	1.46477	2.93225	.99957	.36885	-.00035
26	Zn2062	.19308	.95442	1.89979	.98864	.37602	-.00018
27	Sn1899	1.24774	6.23826	12.4228	1.0113	.37694	-.00397
28	Ag3280	1.63052	8.24829	16.5112	1.0040	.37327	.00030
29	*Y	2884.73	2874.49	2864.51	2854.99	2887.5	2880.45
30	PB2203				.99130	.37413	-.00182
31	SE1960				1.0174	.38599	-.00322

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD854784
1	Al3082	.21472	518.31	522.08	24.846	.00271	.03647
2	As1890	.01053	.00115	.11064	.47505	.00337	.00511
3	B_2496	.02373	.00441	.02451	.49006	.00197	.16716
4	Ba4934	.00219	.00124	.52307	.49632	.00008	.03724
5	Be3130	.00203	.00098	.49436	.49065	.00006	-.00006
6	Ca3179	.49882	530.57	533.08	24.663	.02736	60.483
7	Cd2265	.00117	-.00226	.98141	.48758	.00007	.00000
8	Co2286	.00433	.00073	.48917	.48363	.00032	-.00023
9	Cr2677	.00495	-.00206	.50405	.50468	.00025	-.00009
10	Cu3247	.00941	.00042	.51723	.48307	-.00050	.00031
11	Fe2714	.05159	195.28	98.103	24.374	.00277	.68423
12	K_7664	.42218	-.00682	-.02602	24.549	-.00922	1.3933
13	Mg2790	.21362	502.96	499.46	24.637	.01015	34.359
14	Mn2576	.00311	.00165	.49541	.49583	.00014	.03189
15	Mo2020	.01191	.00137	.00192	.48969	.00283	.00768
16	Na3302	1.2082	.16782	-.09124	24.797	-.27994	19.659
17	Ni2316	.00992	.00076	.96225	.49346	-.00018	.00018
18	2203/1	.00373	.01138	.05422	.49034	.00256	-.00302
19	2203/2	.00460	.00540	.05566	.49189	-.00058	-.00039
20	Sb2068	.01794	.00227	.64611	.50118	.00392	.00379
21	1960/1	.02417	.02877	.05368	.47966	.00911	.01120
22	1960/2	.01095	-.01887	.05467	.52077	-.00415	-.00939
23	Ti3372	.00537	.00167	.00311	.50771	.00005	-.00002
24	Tl1908	.02238	-.03966	.09418	.50460	.00296	.00546
25	V_2924	.00544	.00063	.51009	.48574	-.00029	-.00030
26	Zn2062	.01122	-.00741	.96877	.49420	.00044	.02887
27	Sn1899	.00552	.00066	-.00194	.50352	-.00318	-.00553
28	Ag3280	.00375	.00112	.21432	.49321	.00039	-.00023
29	*Y	2890.27	2713.09	2710.95	2892.49	2889.3	2928.75
30	PB2203	.00431	.00739	.05518	.49137	.00046	-.00126
31	SE1960	.01536	-.00299	.05434	.50706	.00026	-.00252

#	Element	AD854785	AD854786	AD854787	AD854788	AD854789	AD8'1:5)
1	Al3082	.02887	.04132	.03305	.15029	.66882	.14603
2	As1890	.00976	.01027	.00827	.00892	.00554	.00379
3	B_2496	.11255	.26242	.14638	1.0943	.21338	.04272
4	Ba4934	.04127	.02468	.04052	.22252	.09825	.01958
5	Be3130	-.00007	-.00001	-.00006	-.00001	-.00003	-.00003
6	Ca3179	68.426	80.701	86.923	159.68	80.703	15.908
7	Cd2265	-.00003	.00009	-.00024	-.00026	-.00005	.00003
8	Co2286	.00015	.00037	.00007	.00019	.00071	.00009
9	Cr2677	.00029	.00050	.00018	.00000	.00161	.00065
10	Cu3247	.06446	.00395	.00342	.00300	.00068	.00015
11	Fe2714	1.6731	2.6162	3.6598	18.088	6.5166	1.3001
12	K_7664	1.4837	1.9627	1.8576	8.7263	13.818	2.5000
13	Mg2790	39.133	34.305	40.157	24.781	37.320	7.3923
14	Mn2576	.01122	.05859	.03431	.46878	.43598	.08645
15	Mo2020	.00373	.00647	.00650	.00175	.00206	.00017
16	Na3302	14.828	20.852	14.363	46.589	53.768	10.912
17	Ni2316	.00105	.00084	.00129	.00326	.00099	.00008
18	2203/1	-.00021	.00150	-.00145	.00157	.01537	.00339

#	Element	AD854785	AD854786	AD854787	AD854788	AD854789	AD8'1:5)
19	2203/2	.00036	.00112	-.00036	.00572	.01429	.00229
20	Sb2068	-.00185	.00206	-.00286	-.00241	.00416	-.00140
21	1960/1	.01520	.00337	.02057	.00918	.01438	.01448
22	1960/2	-.00931	-.00613	-.00356	-.00669	-.00989	-.00527
23	Ti3372	.00014	.00044	.00009	.00231	.02078	.00476
24	Tl1908	.00349	.00623	-.00036	.00267	.00431	.00003
25	V_2924	-.00037	-.00003	-.00075	.00007	.00071	-.00025
26	Zn2062	.01679	.05425	.03846	.12290	.00690	.00143
27	Sn1899	-.00279	-.00082	.00001	-.00501	-.00226	-.00199
28	Ag3280	.00000	.00021	.00041	-.00014	.00017	-.00032
29	*Y	2913.64	2900.85	2913.3	2908.31	2915.06	2898.9
30	PB2203	.00017	.00125	-.00073	.00434	.01465	.00266
31	SE1960	-.00114	-.00296	.00448	-.00140	-.00179	.00131

#	Element	AD8'9/PS	AD8'0/MS	AD8'1/SD	CCV	CCB	AD854792
1	Al3082	11.194	10.202	10.751	24.934	.00543	.02923
2	As1890	.20274	.20609	.20843	.47655	.00125	.00257
3	B_2496	.41702	.41256	.41009	.49383	.00046	.00588
4	Ba4934	.30779	.29882	.30173	.49675	.00012	.00011
5	Be3130	.20282	.19926	.19905	.49259	-.00001	-.00010
6	Ca3179	89.025	87.446	90.036	24.708	.00158	.08592
7	Cd2265	.20083	.19775	.19743	.49055	.00003	.00002
8	Co2286	.20033	.19771	.19851	.48645	-.00008	.00006
9	Cr2677	.20259	.19927	.20029	.50713	.00009	.00051
10	Cu3247	.20194	.19841	.20041	.48506	.00047	-.00002
11	Fe2714	16.438	15.853	16.650	24.506	-.00008	.00833
12	K_7664	24.433	24.119	24.075	24.580	-.04067	-.00862
13	Mg2790	46.618	45.922	47.204	24.874	.00251	.00667
14	Mn2576	.62758	.61052	.64291	.49781	.00000	.00008
15	Mo2020	.20281	.20168	.19958	.49253	.00243	-.00014
16	Na3302	63.224	64.345	63.990	24.550	.20205	-.08352
17	Ni2316	.20193	.19848	.19941	.49642	.00091	.00028
18	2203/1	.20600	.20044	.20672	.49173	-.00353	-.00614
19	2203/2	.21648	.19969	.21586	.49710	-.00049	.00062
20	Sb2068	.20102	.20473	.20710	.50669	.00386	.00139
21	1960/1	.19573	.20615	.19468	.49324	.00496	.01356
22	1960/2	.21666	.20053	.20892	.51794	-.00024	-.00706
23	Ti3372	.22500	.20442	.22252	.50893	.00055	-.00019
24	Tl1908	.21203	.20714	.20755	.50446	.00219	.00271
25	V_2924	.20305	.19870	.19952	.48733	.00000	-.00041
26	Zn2062	.20508	.19682	.19983	.49643	.00000	.00132
27	Sn1899	.16643	.20383	.20643	.50938	-.00272	-.00500
28	Ag3280	.05117	.05128	.05018	.49612	.00012	-.00011
29	*Y	2916.3	2917.58	2913	2896.31	2882.66	2945.85
30	PB2203	.21299	.19994	.21281	.49531	-.00150	-.00162
31	SE1960	.20968	.20240	.20417	.50970	.00149	-.00018

#	Element	AD854793	AD854794	AD854795	AD854796	AD854797	AD854798
1	Al3082	.03591	.04508	.19433	1.9293	4.2981	.04502
2	As1890	.00218	.01449	.02767	.04483	.09499	.00535
3	B_2496	.00623	.09958	1.4751	3.5330	7.9434	.03273
4	Ba4934	.00029	.36186	.28976	.99206	1.5119	.24129
5	Be3130	-.00009	-.00007	.00005	.00032	.00029	-.00017
6	Ca3179	.08630	143.60	493.94	H900.74	17.522	70.254
7	Cd2265	-.00007	-.00009	-.00013	-.00002	.00001	-.00018
8	Co2286	-.00023	.00060	.00601	.01934	.09281	.00007
9	Cr2677	.00055	.00099	.02066	.05828	.08910	.00032
10	Cu3247	.00013	.00121	.00457	.01676	.06889	.00083
11	Fe2714	.00271	7.7315	1.4904	27.909	24.600	.00966
12	K_7664	-.01819	21.142	35.045	175.85	C.00000	1.6728
13	Mg2790	.00552	80.395	194.33	293.46	22.832	29.247
14	Mn2576	.00011	3.1639	9.3563	11.119	.82993	.00225
15	Mo2020	-.00005	.01534	.00915	.00642	.01525	.00183
16	Na3302	.12272	259.98	113.43	H414.14	H1828.7	14.716
17	Ni2316	.00271	.01555	.02599	.10189	.60632	.00086
18	2203/1	-.00193	-.00108	.00189	.01762	.01192	-.00018
19	2203/2	-.00090	-.00326	-.00054	.01902	.00673	-.00211
20	Sb2068	.00304	.00150	.00764	.00946	.00473	.00038
21	1960/1	.01168	.01146	.00751	.00930	.01643	.01632
22	1960/2	-.00776	-.00152	-.00253	-.00955	-.00851	-.00526
23	Ti3372	.00027	.00086	.01296	.09911	.09908	.00083
24	Tl1908	.00387	-.00027	-.00116	-.00386	-.00244	.00556
25	V_2924	-.00041	.00123	.02149	.08697	.07285	.00004
26	Zn2062	.00177	.00419	.03064	.15342	.12172	.00316
27	Sn1899	-.00051	-.00347	.00135	.00168	.00587	-.00134
28	Ag3280	-.00049	-.00022	-.00030	.00005	.00026	.00068
29	*Y	2935.05	2918.7	2912.93	2885.89	2757.38	2960.36
30	PB2203	-.00124	-.00254	.00026	.01855	.00846	-.00147
31	SE1960	-.00127	.00280	.00081	-.00326	-.00019	.00193

#	Element	AD854799	AD854800	AD854801	CCV	CCB	AD854802
1	Al3082	.04302	.94119	.08972	25.027	.00659	.02671
2	As1890	.00494	.00762	.00077	.47892	.00218	.00505
3	B_2496	.11084	.02719	.04833	.49415	.00192	.00674
4	Ba4934	.12049	.14538	.05372	.50033	.00019	-.00001
5	Be3130	-.00008	-.00003	-.00003	.49344	-.00002	-.00010
6	Ca3179	88.373	77.194	109.00	24.729	.00406	.06775
7	Cd2265	.00004	-.00011	-.00008	.48858	-.00003	.00009
8	Co2286	.00019	.00045	.00033	.48376	-.00043	.00046
9	Cr2677	.00071	.00211	.00061	.50495	-.00009	.00072
10	Cu3247	.00010	.00014	.00050	.48704	-.00002	.00040
11	Fe2714	.01211	.84599	.04470	24.342	-.00295	.01304
12	K_7664	.91071	1.4803	1.2233	24.669	-.02139	-.01367
13	Mg2790	12.655	15.549	34.058	24.750	.00310	.00852
14	Mn2576	.00085	.02683	.00729	.49568	.00001	.00016
15	Mo2020	.00127	.00130	.00068	.49041	.00140	.00041
16	Na3302	14.051	12.499	36.715	24.723	.04114	.16628
17	Ni2316	.00078	.00128	.00076	.49640	.00081	.00077
18	2203/1	-.00348	.00264	-.00566	.49044	-.00095	-.00656

#	Element	AD854799	AD854800	AD854801	CCV	CCB	AD854802
19	2203/2	-.00185	-.00324	.00130	.49563	-.00088	.00260
20	Sb2068	.00187	.00299	-.00149	.50528	.00267	-.00099
21	1960/1	.01577	.01783	.00745	.49466	.01121	-.00143
22	1960/2	-.00493	-.00154	.00212	.52271	-.00594	.00240
23	Ti3372	.00026	.02817	.00252	.51149	.00052	-.00009
24	Tl1908	.00323	.00191	.00184	.50507	.00343	-.00202
25	V_2924	.00074	.00219	.00070	.48648	-.00082	.00004
26	Zn2062	.00266	.00402	.00431	.49372	-.00018	.00256
27	Sn1899	-.00234	-.00161	-.00495	.49953	-.00408	-.00727
28	Ag3280	-.00006	.00046	-.00038	.49526	-.00027	.00012
29	*Y	2937.41	2920.09	2904.94	2890.5	2903.03	2940.98
30	PB2203	-.00239	-.00128	-.00101	.49390	-.00090	-.00044
31	SE1960	.00196	.00491	.00390	.51336	-.00022	.00112

#	Element	CCV	CCB
1	Al3082	24.944	.00567
2	As1890	.47862	.00094
3	B_2496	.49399	.00199
4	Ba4934	.49844	.00021
5	Be3130	.49135	.00004
6	Ca3179	24.656	.00848
7	Cd2265	.48810	.00000
8	Co2286	.48357	.00021
9	Cr2677	.50400	.00005
10	Cu3247	.48432	-.00028
11	Fe2714	24.306	.00040
12	K_7664	24.644	-.01223
13	Mg2790	24.760	.00889
14	Mn2576	.49501	.00014
15	Mo2020	.48980	.00158
16	Na3302	24.561	.28066
17	Ni2316	.49428	.00042
18	2203/1	.48824	.00238
19	2203/2	.49244	-.00221
20	Sb2068	.50336	.00439
21	1960/1	.48839	.01723
22	1960/2	.51412	-.00631
23	Ti3372	.50993	.00061
24	Tl1908	.50337	.00467
25	V_2924	.48540	-.00047
26	Zn2062	.49352	-.00009
27	Sn1899	.49785	.00141
28	Ag3280	.49424	.00062
29	*Y	2898.04	2881.24
30	PB2203	.49104	-.00068
31	SE1960	.50554	.00153

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.07103	8.32909	41.577	83.5192	50.261	18.806
2	As1890	.04807	.49145	2.29124	4.51893	1.0030	.35938
3	B_2496	.07654	1.53164	7.38746	14.7336	1.0013	.37011
4	Ba4934	.01135	4.54482	22.839	45.7487	1.0028	.37478
5	Be3130	.29987	8.17195	39.8113	78.7772	.99546	.37060
6	Ca3179	.02432			61.4982	50.175	18.621
7	Cd2265	-.02336	11.3741	56.5258	112.229	.99171	.36933
8	Co2286	-.00567	.63357	3.19448	6.36337	.99620	.36604
9	Cr2677	.00048	1.87494	9.35096	18.6416	.99733	.38184
10	Cu3247	.03421	.96812	4.77465	9.53772	1.0073	.36461
11	Fe2714	-.00178	1.82694	9.15211	18.2322	49.856	18.476
12	K_7664	-.13217			69.975	50.294	18.533
13	Mg2790	.02886			112.913	50.170	18.763
14	Mn2576	.00081	1.30396	6.5308	13.0164	.99779	.37561
15	Mo2020	.00827	.93341	4.64279	9.30826	1.0033	.37563
16	Na3302	.00989			2.95205	50.044	18.661
17	Ni2316	-.08287	5.02239	25.4054	50.454	.99377	.37343
18	2203/1	.0352	1.28288	6.11775	12.1064	.98956	.37253
19	2203/2	-.00194	1.34758	6.95513	13.8442	1.0112	.37556
20	Sb2068	-.01451	.34257	1.68171	3.36782	.98273	.37408
21	1960/1	-.03763	.27649	1.52477	3.10987	1.0051	.38569
22	1960/2	.0167	.57195	2.83518	5.64319	1.0122	.38102
23	Ti3372	.10736	5.36505	26.5717	52.9507	1.0002	.38284
24	Tl1908	-.00319	.23548	1.25957	2.53507	1.0266	.37688
25	V_2924	.00048	.2867	1.43311	2.85741	.99814	.36754
26	Zn2062	.00016	.19313	.96156	1.90548	.99152	.37499
27	Sn1899	-.01815	1.24072	6.32818	12.5287	.99262	.37750
28	Ag3280	-.00291	1.64613	8.26799	16.5875	1.0015	.37263
29	*Y	3082.99	3083.29	3060.11	3063.79	3064.61	3084.53
30	PB2203					1.0040	.37455
31	SE1960					1.0098	.38257

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00503	.20518	522.42	523.94	25.110	.03506
2	As1890	-.00091	.01075	-.00451	.10511	.48042	.00159
3	B_2496	.00116	.02318	.00354	.02428	.49344	-.00013
4	Ba4934	.00021	.00201	.00084	.52455	.50163	.00012
5	Be3130	.00014	.00196	.00089	.49429	.49381	.00008
6	Ca3179	.00887	.49480	529.26	528.85	24.861	.03748
7	Cd2265	.00030	.00124	.00026	.97241	.48925	.00016
8	Co2286	.00030	.00439	.00099	.48615	.48674	.00012
9	Cr2677	.00019	.00475	-.00249	.50148	.50836	-.00015
10	Cu3247	.00012	.00995	.00099	.51886	.48800	.00028
11	Fe2714	.01105	.05806	196.11	97.575	24.563	.01373
12	K_7664	.02346	.46199	.03916	.03508	24.858	.00759
13	Mg2790	.01056	.20731	504.44	498.13	24.776	.03648
14	Mn2576	.00021	.00304	.00154	.49311	.49996	.00002
15	Mo2020	.00110	.01005	.00091	.00049	.49170	.00082
16	Na3302	-.02119	1.0102	-.23507	-.33226	24.724	-.09723
17	Ni2316	.00057	.01023	.00112	.96035	.49655	.00070
18	2203/1	-.00209	.00299	.00317	.05645	.48905	-.00088

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00162	.00439	.00644	.05662	.50317	-.00063
20	Sb2068	.00893	.02475	.00806	.61870	.49189	.00693
21	1960/1	.01514	.02883	.00505	.05725	.50213	.01468
22	1960/2	.00287	.01344	.00045	.05530	.49379	-.00229
23	Ti3372	.00025	.00493	.00130	.00264	.51094	.00034
24	Tl1908	-.00164	.02039	-.02621	.09024	.49788	-.00026
25	V_2924	.00000	.00550	.00032	.50670	.48911	.00000
26	Zn2062	.00058	.01149	-.00531	.96084	.49668	.00016
27	Sn1899	.00438	.01119	.00224	.00516	.50464	-.00109
28	Ag3280	.00018	.00350	.00052	.21343	.49527	.00009
29	*Y	3087.23	3083.33	2901.56	2897.44	3066.26	3083.4
30	PB2203	.00039	.00393	.00535	.05656	.49847	-.00071
31	SE1960	.00696	.01857	.00198	.05595	.49656	.00336

#	Element	AD8'LPSL	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)
1	Al3082	84.135	.07976	.01195	.01362	.02659	.01296
2	As1890	1.1920	.00165	-.00328	-.00116	.00028	-.00281
3	B_2496	1.2135	.61821	.66698	.67286	.71003	.65419
4	Ba4934	1.9694	.00314	.00607	.00632	.00222	.00147
5	Be3130	1.0322	.00011	.00009	.00008	.00010	.00010
6	Ca3179	87.135	57.881	64.585	62.757	61.886	58.608
7	Cd2265	.91252	.00016	.00000	.00013	.00006	.00029
8	Co2286	1.1842	.00050	.00066	.00031	-.00015	.00072
9	Cr2677	2.0433	.00048	-.00014	.00042	.00012	.00033
10	Cu3247	1.3783	-.00019	.00007	.00009	.00053	.00077
11	Fe2714	145.11	3.6602	.26676	.31875	-.00280	.05347
12	K_7664	47.419	67.778	74.284	70.501	80.270	74.129
13	Mg2790	42.636	167.41	180.48	169.46	195.08	181.09
14	Mn2576	4.5188	.04739	.01910	.01947	.00095	.00956
15	Mo2020	1.0131	.00187	.00056	.00142	.00178	.00149
16	Na3302	7.6550	H1305.8	H1408.1	H1344.3	H1498.2	H1401.4
17	Ni2316	1.0929	.00179	.00072	.00055	.00147	.00172
18	2203/1	1.4743	-.00224	-.00383	-.00045	.00291	-.00043
19	2203/2	1.4958	.00122	.00148	.00011	.00164	-.00099
20	Sb2068	.58741	.00721	.00328	.00409	.00085	.00617
21	1960/1	.88152	.01436	.00810	.00987	.01305	.01132
22	1960/2	.88179	.00109	-.00363	.00104	-.00354	.00179
23	Ti3372	4.7900	.00269	.00033	.00036	.00047	.00035
24	Tl1908	1.4387	.00162	-.00304	-.00569	-.00319	-.00012
25	V_2924	1.0922	-.00040	-.00041	.00000	-.00029	-.00035
26	Zn2062	2.4918	.00298	.00263	.00191	.00209	.00290
27	Sn1899	.94676	.00124	.00357	.00123	.00007	.00112
28	Ag3280	.72359	-.00032	-.00028	.00010	.00075	.00045
29	*Y	3270.3	2881.31	2867.78	2868.08	2857.58	2870.02
30	PB2203	1.4887	.00007	-.00028	-.00007	.00206	-.00080
31	SE1960	.88169	.00552	.00027	.00399	.00198	.00497

#	Element	AD8'1:5)	AD8'3/PB	AD8'LPSL	AD854535	CCV	CCB
1	Al3082	.02397	.00633	78.810	.02706	25.059	.01800
2	As1890	.00062	-.00230	1.1379	-.00107	.48087	.00075
3	B_2496	.72800	.00248	1.1648	.00209	.49195	-.00001
4	Ba4934	.00217	.00004	1.9062	.00715	.49678	.00005
5	Be3130	.00011	.00003	1.0113	-.00012	.49264	.00011
6	Ca3179	64.478	.04927	87.673	1.1275	24.835	.02062
7	Cd2265	.00013	.00012	.88459	.00006	.49077	.00012
8	Co2286	.00019	-.00034	1.1528	.00154	.48796	.00017
9	Cr2677	.00018	.00047	1.9855	.00088	.51066	-.00015
10	Cu3247	.00085	.00011	1.3985	.00389	.48445	.00054
11	Fe2714	.02313	.01827	135.75	1.2270	24.664	.01729
12	K_7664	84.769	.04008	45.237	.05070	24.839	.02110
13	Mg2790	204.65	.00919	41.008	.04125	24.964	.02050
14	Mn2576	.00115	.00062	4.4095	.03386	.50064	.00011
15	Mo2020	.00089	.00004	.98411	.00285	.49342	.00129
16	Na3302	H1567.5	-.02071	7.4255	.06987	24.717	-.09614
17	Ni2316	.00075	-.00043	1.0518	.00763	.49619	.00041
18	2203/1	-.00289	.00086	1.4398	.00407	.49322	.00061
19	2203/2	.00007	.00001	1.4624	.00766	.50350	-.00102
20	Sb2068	.00423	.00128	.58398	.00567	.49341	.00696
21	1960/1	.00246	.00708	.84578	.01453	.51530	.00800
22	1960/2	.00279	-.00063	.84552	.00115	.50319	-.00129
23	Ti3372	.00012	.00092	4.3271	.00615	.50748	.00063
24	Tl1908	.00145	-.00298	1.3929	-.00059	.50276	-.00117
25	V_2924	.00001	.00005	1.0430	.00036	.49008	.00000
26	Zn2062	.00137	.00647	2.3756	.01238	.49794	.00050
27	Sn1899	.00249	H.03649	.93552	.01334	.51014	.00288
28	Ag3280	-.00018	.00019	.71140	.00034	.49550	.00009
29	*Y	2843.18	3055.91	3353.7	3174.71	3070.54	3078.75
30	PB2203	-.00091	.00029	1.4549	.00646	.50008	-.00047
31	SE1960	.00268	.00193	.84560	.00561	.50722	.00180

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
1	Al3082	.20607	522.69	523.40	25.106	.02831	.08258
2	As1890	.00672	-.00618	.10834	.47971	-.00218	-.00210
3	B_2496	.02220	.00294	.02384	.49049	.00088	.01175
4	Ba4934	.00203	.00093	.52233	.49787	.00010	.00008
5	Be3130	.00207	.00098	.49432	.49468	.00010	-.00001
6	Ca3179	.49895	533.03	530.79	24.895	.03157	.20080
7	Cd2265	.00113	.00022	.97392	.48956	.00010	.00015
8	Co2286	.00452	.00102	.48645	.48744	.00050	.00030
9	Cr2677	.00451	-.00215	.50261	.51015	.00042	.00197
10	Cu3247	.00975	.00114	.51652	.48682	.00050	-.00009
11	Fe2714	.05543	197.44	97.855	24.626	.01463	.02601
12	K_7664	.47910	.02891	.01322	24.768	.02795	.02749
13	Mg2790	.21057	506.42	497.72	24.779	.02151	.02324
14	Mn2576	.00312	.00162	.49335	.50056	.00012	.00011
15	Mo2020	.01073	.00222	.00021	.49196	.00088	-.00003
16	Na3302	1.1015	-.05618	-.19823	24.948	-.12273	.08901
17	Ni2316	.01034	.00061	.96207	.49721	.00105	.00030
18	2203/1	.00481	.01038	.05566	.49362	-.00298	.00070

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'7/PB
19	2203/2	.00363	.00191	.05252	.50154	.00184	-.00037
20	Sb2068	.02536	.00676	.61414	.49471	.00935	-.00028
21	1960/1	.02947	.01730	.05438	.50650	-.00058	.01379
22	1960/2	.01280	-.00048	.05053	.49780	.00529	-.00481
23	Ti3372	.00518	.00178	.00300	.50892	.00033	.00009
24	Tl1908	.01933	-.01717	.09366	.50645	-.00012	-.00475
25	V_2924	.00551	.00007	.50762	.48956	.00017	.00056
26	Zn2062	.01124	-.00551	.96244	.49682	.00033	.00175
27	Sn1899	.00829	.00444	.00347	.50759	.00189	.00412
28	Ag3280	.00341	.00111	.21319	.49605	.00008	.00105
29	*Y	3079.61	2893.01	2882.89	3049.12	3070.5	3103.05
30	PB2203	.00402	.00473	.05357	.49890	.00023	-.00001
31	SE1960	.01836	.00544	.05181	.50070	.00333	.00138

#	Element	AD8'6/FB	AD849692	AD854523	AD854524	AD854525	AD8'1:5)
1	Al3082	10.333	.04326	55.018	43.712	63.923	14.094
2	As1890	.20253	.00055	.03246	.03307	.21463	.04145
3	B_2496	.21139	.04817	.05001	.04672	.08704	.01957
4	Ba4934	.20734	.06948	.37218	.53619	.72986	.15577
5	Be3130	.20364	.00006	.00286	.00222	.00510	.00114
6	Ca3179	10.449	130.60	277.82	237.17	34.659	7.2885
7	Cd2265	.20381	-.00012	.00250	.00782	.00449	.00099
8	Co2286	.20351	.00040	.04146	.03077	.03476	.00763
9	Cr2677	.20549	-.00020	.11345	.13450	.11781	.02604
10	Cu3247	.20212	.00003	.20654	.25761	.17813	.03693
11	Fe2714	10.233	5.0344	92.935	96.381	79.927	17.147
12	K_7664	10.042	2.5869	7.1868	5.6871	6.4988	1.4214
13	Mg2790	10.261	65.960	159.03	112.28	15.905	3.4318
14	Mn2576	.20402	.15925	4.1088	4.7294	1.4852	.31373
15	Mo2020	.20262	.00458	.00370	.00645	.00981	.00277
16	Na3302	10.412	14.577	1.0085	.88669	.92177	.17600
17	Ni2316	.20451	.00049	.08110	.10656	.21565	.04576
18	2203/1	.20253	-.00066	.67736	1.6234	.66671	.14276
19	2203/2	.20856	-.00125	.67944	1.6533	.67585	.14319
20	Sb2068	.20317	.00789	.00127	.00847	.00565	.00726
21	1960/1	.21191	.01375	.00403	.01120	.02705	.01912
22	1960/2	.20323	-.00383	.00188	-.00111	.01390	.00089
23	Ti3372	.20238	.00019	1.6116	1.1728	1.7447	.41758
24	Tl1908	.21171	.00343	L-.01091	-.00853	-.00503	-.00351
25	V_2924	.20246	-.00035	.10908	.13688	.83137	.17604
26	Zn2062	.20334	.00162	.61089	1.5151	.60263	.12932
27	Sn1899	.20809	.00070	.01927	.03059	.02346	.00548
28	Ag3280	.05071	.00022	.00360	.03272	.00811	.00251
29	*Y	3088.73	3032.25	3160.84	3234.19	3242.18	3095.25
30	PB2203	.20655	-.00105	.67875	1.6434	.67280	.14305
31	SE1960	.20612	.00202	.00260	.00299	.01828	.00697

#	Element	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB	AD854528
1	Al3082	84.270	91.027	79.993	25.320	.02544	63.321
2	As1890	.57747	.54880	.50800	.48069	L-.00615	.04308
3	B_2496	.47367	.43448	.41878	.48863	.00071	.04298
4	Ba4934	1.1185	1.1513	1.0445	.50347	.00010	.59400
5	Be3130	.38256	.37508	.37354	.49522	.00018	.00335
6	Ca3179	52.652	62.928	56.702	24.968	.02298	29.390
7	Cd2265	.38140	.37335	.37244	.48732	.00010	.00275
8	Co2286	.40871	.41958	.40234	.48487	.00023	.03352
9	Cr2677	.49735	.52028	.47622	.51045	-.00004	.09410
10	Cu3247	.54807	.58937	.55076	.48733	.00011	.14648
11	Fe2714	96.385	114.64	98.200	24.567	.01665	86.670
12	K_7664	27.865	25.753	24.885	24.778	.02610	5.8584
13	Mg2790	34.704	37.943	36.182	24.849	.02407	16.316
14	Mn2576	1.8034	2.0150	1.8443	.49864	.00016	2.8805
15	Mo2020	.38820	.36889	.36960	.49292	.00147	.00575
16	Na3302	20.869	19.104	19.087	25.069	-.08152	.82713
17	Ni2316	.58422	.63468	.58062	.49601	.00039	.10760
18	2203/1	1.0103	1.1520	1.0340	.49179	.00197	.47132
19	2203/2	1.0299	1.1715	1.0598	.49847	-.00118	.47628
20	Sb2068	.35942	.17645	.18432	.49180	.00859	.00732
21	1960/1	.38783	.36801	.37156	.50382	.00897	.01082
22	1960/2	.39259	.36715	.36537	.50257	.00034	.00337
23	Ti3372	2.2420	2.0791	1.8415	.51175	H.00556	1.5625
24	Tl1908	.37739	.36901	.37239	.50016	-.00079	L-.01460
25	V_2924	1.1845	1.3317	1.1667	.49188	.00011	.27638
26	Zn2062	.95929	1.0875	.98438	.49347	.00042	.77830
27	Sn1899	.34198	.38878	.36992	.50424	.00187	.02164
28	Ag3280	.10301	.10560	.10283	.49600	.00060	.00360
29	*Y	3213.19	3190.99	3162.34	3003.86	3011.81	3235.24
30	PB2203	1.0234	1.1650	1.0512	.49624	-.00013	.47463
31	SE1960	.39100	.36743	.36743	.50298	.00322	.00585

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
1	Al3082	61.459	60.151	31.903	36.045	39.181	41.462
2	As1890	.04344	.06661	.10001	.23324	.03782	.03185
3	B_2496	.08630	.06927	.08047	.19853	.02105	.04056
4	Ba4934	6.2372	.73005	.94844	.61844	.22350	.44456
5	Be3130	.00328	.00357	.00369	.00581	.00192	.00217
6	Ca3179	H638.50	149.35	35.387	H1001.5	57.195	161.65
7	Cd2265	.02049	.00338	.00096	.00599	.00081	.00639
8	Co2286	.03827	.04715	.02834	.03183	.04508	.03047
9	Cr2677	.13516	.10559	.05324	.17935	.05813	.11366
10	Cu3247	.35744	.26470	.11366	.28217	.07768	.24969
11	Fe2714	120.82	117.28	67.969	122.04	105.07	95.341
12	K_7664	8.4467	9.6320	10.415	7.5455	5.5029	4.2089
13	Mg2790	137.74	65.078	16.595	468.43	36.542	91.321
14	Mn2576	2.9864	3.7092	.97755	2.3359	2.0351	2.1920
15	Mo2020	.00587	.00589	.00557	.02063	.00340	.00553
16	Na3302	1.5077	.93735	.69140	1.8495	.22684	.66068
17	Ni2316	.12150	.15218	.22632	.10968	.09857	.08449
18	2203/1	.83747	.79909	.29561	.97302	.30532	1.7199

#	Element	AD854529	AD854530	AD854531	AD854532	AD854533	AD854534
19	2203/2	.84398	.81652	.29845	.97818	.30395	1.7588
20	Sb2068	.00384	.00595	.00754	.01050	.00494	.01099
21	1960/1	.01902	.01595	.01549	.03718	.01860	.00794
22	1960/2	.00278	.00563	.00911	.02721	-.00376	.00209
23	Ti3372	1.7495	1.5548	1.2083	1.4960	.54649	1.0818
24	Tl1908	L-.01137	L-.01319	-.00649	L-.01518	-.00942	-.00762
25	V_2924	.14329	.38424	.61360	.18683	.06809	.14430
26	Zn2062	4.0530	.91914	.27943	1.5460	.37849	1.3541
27	Sn1899	.04468	.03537	.02965	.03628	.03354	.03395
28	Ag3280	.00237	.00315	.00260	.00526	.00435	.03657
29	*Y	3176.06	3180.98	3111	3027.53	3134.7	3223.95
30	PB2203	.84181	.81071	.29750	.97646	.30441	1.7458
31	SE1960	.00819	.00907	.01124	.03054	.00369	.00404

#	Element	AD854538	AD8'1:5)	AD8'1:5)	CCV	CCB	AD8'LPSL
1	Al3082	44.483	13.365	7.4563	25.158	.02751	84.688
2	As1890	.04651	.00765	.04793	.47592	-.00010	1.1916
3	B_2496	.17461	.01928	.04228	.48782	.00115	1.2082
4	Ba4934	2.4591	1.3326	.12744	.50287	.00028	2.0654
5	Be3130	.00129	.00077	.00131	.49150	.00017	1.0494
6	Ca3179	220.14	131.40	189.39	24.855	.01974	86.771
7	Cd2265	.01171	.00449	.00122	.48741	.00020	.91393
8	Co2286	.04980	.00867	.00739	.48392	.00054	1.1959
9	Cr2677	2.4846	.03001	.03877	.50884	.00041	2.0757
10	Cu3247	2.3487	.07433	.05718	.48387	.00036	1.3810
11	Fe2714	413.68	26.655	26.256	24.533	.01667	143.85
12	K_7664	26.144	1.7151	1.3843	24.735	.01701	47.382
13	Mg2790	66.765	29.974	100.56	24.801	.02117	43.522
14	Mn2576	12.008	.65149	.49683	.49639	.00010	4.5220
15	Mo2020	.10245	.00260	.00361	.48932	.00158	1.0259
16	Na3302	12.297	.33251	.40210	24.954	-.12630	7.4741
17	Ni2316	.22198	.02728	.02500	.49240	.00047	1.0953
18	2203/1	.54746	.18505	.20430	.49148	-.00344	1.5336
19	2203/2	.50710	.18895	.21587	.50078	.00095	1.5675
20	Sb2068	.01847	.00541	.00551	.48717	.00747	.56517
21	1960/1	.03681	.00974	.01629	.49947	.00494	.87353
22	1960/2	.01880	-.00481	.00661	.50614	-.00531	.89003
23	Ti3372	4.5685	.39768	.31758	.51104	.00080	4.6784
24	Tl1908	L-.04993	.00152	.00333	.49220	-.00484	1.4445
25	V_2924	.14638	.03076	.03923	.49418	.00035	1.1097
26	Zn2062	4.9998	.91914	.34276	.49317	.00060	2.5517
27	Sn1899	.13960	.01121	.00851	.50043	-.00027	.97756
28	Ag3280	.05969	.00139	.00084	.49413	-.00005	.74807
29	*Y	3096.3	3052.65	3006.75	3010.43	3004.12	3221.74
30	PB2203	.52054	.18765	.21202	.49768	-.00051	1.5562
31	SE1960	.02480	.00004	.00984	.50391	-.00189	.88452

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8':10)	AD8':10)	AD8'1:5)
1	Al3082	.02634	.02772	.02440	.02723	.01417	.02675
2	As1890	-.00053	.00356	.01556	.00738	.00963	.01655
3	B_2496	.00851	.99495	1.8607	.83413	.94134	.47581
4	Ba4934	.00258	.07913	.08386	.04316	.06569	.30110
5	Be3130	.00016	-.00002	-.00003	-.00005	.00000	.00004
6	Ca3179	20.824	7.7866	24.075	6.2543	6.0431	19.017
7	Cd2265	.00012	.00004	.00006	.00009	.00000	.00001
8	Co2286	.02603	.00442	.00771	.00590	.00538	.00279
9	Cr2677	.00073	.00646	.00624	.01057	.00592	.00645
10	Cu3247	-.00003	-.00040	.00027	-.00009	-.00127	.00008
11	Fe2714	15.400	.51237	1.8261	.64246	.78451	1.7779
12	K_7664	.69745	44.435	58.411	51.074	46.279	21.638
13	Mg2790	10.176	10.018	19.239	8.1547	8.2155	11.662
14	Mn2576	4.1816	.02916	.05606	.01894	.01586	.05569
15	Mo2020	.00288	.00148	.00320	.00359	.00115	.00417
16	Na3302	1.0938	155.88	200.95	170.23	146.77	135.03
17	Ni2316	.02219	.02820	.03004	.03149	.03596	.00785
18	2203/1	-.00145	-.00061	-.00369	-.00316	.00406	-.00184
19	2203/2	.00136	.00208	.00295	.00063	-.00168	-.00046
20	Sb2068	.01134	.00146	.00424	.00361	.00574	.00549
21	1960/1	.00153	.00342	.00687	.00300	.01364	.01341
22	1960/2	-.00357	.00361	-.00061	.00014	-.00060	.00226
23	Ti3372	.00330	.00431	.00573	.01289	.00555	.00377
24	Tl1908	-.00477	-.00496	-.00162	-.00139	.00000	.00169
25	V_2924	.00070	.00165	.00389	.00658	.00329	.00160
26	Zn2062	.00570	.00281	.00119	.00324	.00102	.00612
27	Sn1899	.00421	.00225	.00528	.00344	.00221	.00348
28	Ag3280	.00082	-.00072	.00029	.00037	-.00035	.00053
29	*Y	3006.3	3046.09	3033.45	3046.69	3018.15	3018.64
30	PB2203	.00042	.00118	.00074	-.00062	.00022	-.00092
31	SE1960	-.00187	.00355	.00187	.00109	.00414	.00598

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
1	Al3082	.03321	.04849	.04416	25.355	.02248	.05641
2	As1890	.00575	.00887	.00425	.48354	-.00148	-.00181
3	B_2496	.79017	1.7565	2.4226	.49294	.00132	1.0413
4	Ba4934	.02354	.06919	.02944	.50918	.00014	.01279
5	Be3130	.00000	-.00010	-.00005	.49466	.00018	.00000
6	Ca3179	3.1383	8.4326	2.5684	25.100	.02045	11.478
7	Cd2265	.00012	-.00001	.00022	.48778	.00012	.00006
8	Co2286	.00452	.00668	.00586	.48498	-.00005	.00404
9	Cr2677	.00860	.01553	.01461	.50860	.00023	.01044
10	Cu3247	.00122	.00067	-.00067	.48844	-.00103	.00027
11	Fe2714	.18015	1.0009	.39415	24.512	.00804	2.4579
12	K_7664	36.712	45.193	30.948	24.820	.01771	42.335
13	Mg2790	5.4259	7.7455	3.5193	24.992	.02309	12.187
14	Mn2576	.00666	.04540	.01362	.49622	.00015	.11288
15	Mo2020	.00105	.01009	.00267	.49113	.00150	.00247
16	Na3302	106.33	168.34	110.41	24.891	-.10772	123.00
17	Ni2316	.02586	.02863	.02128	.49715	.00026	.04925
18	2203/1	-.00125	-.00056	.00278	.49399	.00249	.00093

#	Element	AD8':20)	AD8':10)	AD8':20)	CCV	CCB	AD8':20)
19	2203/2	.00144	.00097	-.00295	.50621	.00020	.00024
20	Sb2068	.00644	.00608	.00570	.49645	.00681	.00383
21	1960/1	.00057	.00522	.01126	.50380	.01896	.00818
22	1960/2	-.00034	.00363	-.00281	.50448	-.00526	.00104
23	Ti3372	.00670	.01406	.01425	.52022	.00128	.00862
24	Tl1908	-.00192	-.00550	-.00150	.50346	-.00153	.00055
25	V_2924	.00277	.00538	.00501	.49713	.00012	.00295
26	Zn2062	.01058	.00735	.00850	.49513	.00025	.27936
27	Sn1899	.00495	.00610	.00653	.50344	.00196	.00381
28	Ag3280	.00024	.00012	.00080	.49326	.00062	.00036
29	*Y	3027.56	3079.24	3060.6	2984.85	3000.64	3041.89
30	PB2203	.00054	.00046	-.00104	.50214	.00096	.00047
31	SE1960	-.00004	.00416	.00187	.50424	.00280	.00342

#	Element	AD8'1/PB	AD8'/LFB	AD854098	AD854099	AD854100	AD854115
1	Al3082	.02922	10.557	.09569	.05407	.24092	.15009
2	As1890	-.00270	.20873	.00935	-.00026	.00150	.00415
3	B_2496	.00693	.21211	.89279	.26886	.17574	.11065
4	Ba4934	.00021	.21549	.08379	.42503	.10758	.02234
5	Be3130	.00012	.20533	.00032	.00014	.00014	.00034
6	Ca3179	.12452	10.481	448.10	201.21	225.07	495.68
7	Cd2265	.00014	.20627	-.00027	-.00002	.00010	-.00003
8	Co2286	.00031	.20569	.00768	.00164	.00400	.00047
9	Cr2677	.00003	.20902	.00644	.00048	.00459	.00059
10	Cu3247	-.00070	.20305	.01231	-.00039	.00534	-.00047
11	Fe2714	.00528	10.388	41.916	29.016	21.342	.28439
12	K_7664	.03614	10.349	15.270	11.037	7.8226	2.7241
13	Mg2790	.02819	10.450	135.76	59.620	59.389	126.63
14	Mn2576	.00017	.20728	4.9406	4.3120	1.5972	3.3059
15	Mo2020	-.00001	.20555	.00264	-.00025	.00202	.01767
16	Na3302	.28549	10.553	134.55	48.559	31.373	38.675
17	Ni2316	.00091	.20517	.05379	.00800	.01207	.03751
18	2203/1	.00183	.20705	.00397	-.00178	.00036	-.00032
19	2203/2	-.00038	.20935	-.00309	-.00036	-.00038	-.00233
20	Sb2068	.00408	.20154	.00627	.00611	.00639	.00352
21	1960/1	.00505	.21907	.01389	.01243	.00663	.01736
22	1960/2	.00381	.20386	-.00643	-.00658	-.00199	-.00194
23	Ti3372	.00052	.20776	.00367	.00079	.01145	.00345
24	Tl1908	-.00275	.21180	L-.01198	-.00731	-.00172	-.00112
25	V_2924	.00000	.20918	.00116	.00021	.00149	.00031
26	Zn2062	.00119	.20585	.08147	.01751	.08588	.00187
27	Sn1899	.00569	.21285	.00246	.00233	.00099	.00288
28	Ag3280	.00054	.05148	.00069	-.00058	-.00020	.00009
29	*Y	3033.9	3034.69	2932.31	2986.35	2985.83	2911.91
30	PB2203	.00035	.20859	-.00074	-.00083	-.00013	-.00166
31	SE1960	.00423	.20893	.00034	-.00024	.00088	.00449

#	Element	AD854116	AD854117	AD854118	CCV	CCB	AD854119
1	Al3082	.18968	.13727	.11848	25.318	.01845	.23908
2	As1890	-.00175	.12186	-.00087	.48582	-.00320	.00672
3	B_2496	.12902	.78899	.15653	.48911	.00234	2.5608
4	Ba4934	.02187	.00319	.04891	.50883	-.00002	.55379
5	Be3130	.00037	.00031	.00020	.49316	.00021	.00019
6	Ca3179	432.88	185.70	85.567	25.055	.01627	186.93
7	Cd2265	.00004	.00025	.00010	.48910	.00019	.00020
8	Co2286	.00066	.03436	.00066	.48528	.00057	.00281
9	Cr2677	.00145	.00470	.00093	.50955	-.00010	.01023
10	Cu3247	-.00005	.00310	-.00068	.48717	-.00103	-.00020
11	Fe2714	3.4574	.62583	.29329	24.536	.00345	1.5591
12	K_7664	5.9603	16.407	2.4742	24.943	.02431	58.201
13	Mg2790	235.65	291.21	57.563	24.920	.02103	136.22
14	Mn2576	.11424	7.8780	.00616	.49617	.00017	1.4772
15	Mo2020	.00433	.04553	.00030	.49242	.00065	.00085
16	Na3302	333.06	H1094.6	9.2011	25.036	-.02620	H1096.9
17	Ni2316	.00260	.11563	.00118	.49639	-.00006	.03499
18	2203/1	-.00320	-.00041	-.00445	.49137	.00144	-.00179
19	2203/2	-.00058	-.00279	.00342	.50812	-.00113	-.00332
20	Sb2068	.00599	.00675	.00052	.49643	.00369	.00889
21	1960/1	.00421	.01174	-.00065	.50366	.00660	.01672
22	1960/2	-.00266	.00194	.00263	.50661	-.00301	-.00203
23	Ti3372	.00507	.00314	.00189	.51981	.00042	.02393
24	Tl1908	-.00330	-.00793	.00085	.50903	.00068	-.00265
25	V_2924	.00020	.00190	.00023	.49979	.00053	.04420
26	Zn2062	.00299	.00324	.00226	.49517	.00026	.00758
27	Sn1899	-.00095	.00406	.00488	.49825	.00197	.00184
28	Ag3280	.00002	.00066	-.00016	.49378	.00019	-.00024
29	*Y	2870.25	2808.94	2983.5	2953.58	2956.88	2920.91
30	PB2203	-.00146	-.00199	.00080	.50254	-.00027	-.00281
31	SE1960	-.00037	.00521	.00153	.50562	.00019	.00422

#	Element	AD8'1:5)	AD8':10)	AD8'1:5)	AD8'1:5)	AD8'100)	AD8'100)
1	Al3082	.03582	.01528	.02107	.06618	.01066	.00758
2	As1890	.00351	.00203	.00440	.00061	-.00125	-.00389
3	B_2496	.68117	1.0281	.82154	.70233	.00462	.00280
4	Ba4934	.08460	.14286	.04985	.15631	.00009	.00012
5	Be3130	.00007	.00004	.00011	.00015	.00012	.00014
6	Ca3179	125.82	40.964	98.972	53.200	.02331	.01746
7	Cd2265	-.00001	.00007	-.00004	.00011	.00015	.00010
8	Co2286	.00302	.00435	.00317	.00098	.00017	.00025
9	Cr2677	.00519	.00649	.00271	.00337	.00019	.00026
10	Cu3247	-.00011	-.00006	-.00047	-.00050	-.00112	-.00049
11	Fe2714	6.2809	2.3877	9.9080	.45650	.01640	.00623
12	K_7664	9.1637	8.4574	3.4682	13.678	.02714	.03443
13	Mg2790	42.620	20.814	29.472	39.034	.00920	.00365
14	Mn2576	.45188	.21883	.80990	.42216	.00021	.00018
15	Mo2020	.00056	.00026	-.00019	.00117	-.00136	.00006
16	Na3302	149.46	146.94	101.26	321.75	15.446	15.455
17	Ni2316	.04134	.03153	.03334	.01072	.00043	.00048
18	2203/1	-.00049	.00145	-.00189	-.00345	6.9309	6.4359

#	Element	AD8'100)	AD8'100)	AD8'1:5)	AD8'5/PB	AD8'4/FB	AD854423
1	Al3082	.00698	.00770	11.687	.05105	10.152	1.3811
2	As1890	-.00258	-.00069	.01205	-.00082	.19980	.00598
3	B_2496	.00230	.00218	.12408	.00664	.20133	.05690
4	Ba4934	.00020	.00007	.13483	-.00001	.20841	1.9509
5	Be3130	.00013	.00013	.00119	.00007	.19789	.00024
6	Ca3179	.00981	.01084	430.01	.08981	10.163	H613.07
7	Cd2265	.00007	.00001	L-.00279	.00008	.19858	.00014
8	Co2286	.00046	.00040	.01037	.00075	.19822	.00089
9	Cr2677	.00062	.00022	1.5889	.00075	.19990	.00416
10	Cu3247	.00127	-.00033	.10017	-.00087	.19651	.00075
11	Fe2714	.00902	.00297	298.59	.03952	9.9714	.24844
12	K_7664	.04526	.03169	.63497	.03041	9.9337	29.306
13	Mg2790	.00694	.00636	72.084	.00870	10.078	.08352
14	Mn2576	.00022	.00023	H45.148	H.00252	.19994	.00605
15	Mo2020	.00002	-.00019	.02344	.00056	.19711	.06279
16	Na3302	15.294	15.003	.56304	-.03619	10.315	95.467
17	Ni2316	.00150	.00282	.02431	.00079	.19730	.01676
18	2203/1	4.9921	5.2728	.09157	-.00247	.19683	-.00330
19	2203/2	5.1998	5.4697	.08841	-.00024	.20553	.00091
20	Sb2068	.00637	.00457	.00670	.00340	.20016	.00632
21	1960/1	.01351	.00515	.00307	.00726	.21566	.00598
22	1960/2	-.00421	-.00045	-.01678	-.00063	.20261	.00274
23	Ti3372	.00035	.00049	4.5986	H.00250	.20357	.00701
24	Tl1908	-.00659	.00047	L-.04778	-.00194	.20381	-.00056
25	V_2924	.00054	.00024	1.1641	.00041	.20229	.00632
26	Zn2062	.00053	.00035	.22110	.00199	.19990	.00642
27	Sn1899	.00191	.00238	.01215	.00032	.20455	.00208
28	Ag3280	.00093	.00028	.00096	.00010	.04997	-.00001
29	*Y	2935.61	2941.91	2910.79	2998.84	2986.91	2953.24
30	PB2203	5.1306	5.4041	.08947	-.00098	.20263	-.00049
31	SE1960	.00169	.00141	L-.01016	.00199	.20696	.00382

#	Element	AD854424	AD8'1:5)	AD8'4/PS	CCV	CCB	STD BLK
1	Al3082	1.2812	.25650	11.836	25.477	.02349	.08595
2	As1890	.01990	-.00001	.22149	.49185	-.00416	.04374
3	B_2496	.08816	.01783	.29230	.49246	.00050	.08799
4	Ba4934	.01759	.00329	.23324	.51555	.00009	.011
5	Be3130	-.00006	.00004	.20222	.49440	.00024	.31133
6	Ca3179	40.212	7.9660	49.679	25.192	.01786	.02199
7	Cd2265	.00015	-.00009	.20111	.48967	.00013	-.02436
8	Co2286	.00143	.00030	.20201	.48766	.00027	-.00389
9	Cr2677	.00115	.00004	.20264	.51042	-.00007	.00609
10	Cu3247	.00008	-.00162	.20386	.49018	-.00133	.02656
11	Fe2714	.07972	.01495	10.150	24.562	.01551	-.00084
12	K_7664	28.398	5.1294	39.054	25.109	.02153	-.12387
13	Mg2790	.14370	.03187	10.299	25.144	.01912	.03096
14	Mn2576	.00192	.00031	.20355	.49902	.00014	.00186
15	Mo2020	.14260	.02899	.34212	.49676	.00239	.00608
16	Na3302	229.55	45.491	235.67	25.362	-.06337	-.00186
17	Ni2316	.03659	.00694	.23507	.49741	.00014	-.0596
18	2203/1	.00023	.00029	.19969	.49043	.00015	.01759

Calibration Report 08/19/08 10:08:24 AM page 1

Method: TRACE1 Standard Name: NAKCAMG100 Operator:
Run Time: 08/19/08 10:05:21
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	86.56437	257.9402	45.50809	4.660196
SDev	.51666	.6064	.25006	.014676
%RSD	.5968503	.2351087	.5494779	.3149124
#1	86.19904	257.5114	45.33128	4.649819
#2	86.92970	258.3690	45.68491	4.670573
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5555	--	--	--	--	--	--
SDev	.9546632	--	--	--	--	--	--
%RSD	.0171856	--	--	--	--	--	--
#1	5556	--	--	--	--	--	--
#2	5554	--	--	--	--	--	--

Standardization Rpt. 09/26/08 03:59:09 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 09/26/08 03:53:49

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.08483	.02521	.07443	.00744	.31699	.02008	-.01888
SDev	.00349	.02136	.02442	.00660	.00097	.00047	.02278
%RSD	4.1195	84.729	32.814	88.752	.30723	2.3594	120.68
#1	.08730	.04031	.05716	.00277	.31631	.01975	-.03499
#2	.08236	.01010	.09171	.01211	.31768	.02042	-.00277

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00415	-.00087	.01818	.00086	-.07046	.02960	.00138
SDev	.00049	.01053	.00072	.00171	.00313	.00463	.00147
%RSD	11.707	1210.5	3.9617	198.07	4.4383	15.635	106.03
#1	-.00381	-.00831	.01767	-.00035	-.06825	.02633	.00035
#2	-.00450	.00658	.01869	.00208	-.07267	.03288	.00242

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00242	.00537	-.09834	.04239	.01040	.00207	-.04796
SDev	.01273	.00955	.01673	.06093	.02890	.01102	.01742
%RSD	526.29	177.87	17.009	143.73	277.90	531.36	36.323
#1	-.00658	.01213	-.11017	-.00069	.03083	-.00572	-.06028
#2	.01142	-.00138	-.08651	.08548	-.01004	.00986	-.03564

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.04604	.11339	-.01344	.00190	.00069	.04899	-.00105
SDev	.02396	.01289	.02635	.00171	.00000	.00804	.02155
%RSD	52.034	11.365	196.05	89.948	.07895	16.413	2057.4
#1	.02910	.10428	-.03207	.00069	.00069	.04331	-.01628
#2	.06298	.12251	.00519	.00311	.00069	.05468	.01419

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	2.280316	--	--	--	--	--	--
%RSD	.0789566	--	--	--	--	--	--
#1	2886	--	--	--	--	--	--
#2	2890	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:04:06 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 09/26/08 03:59:13

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.4687	.49162	1.5360	4.7187	8.1570	11.384	.63577
SDev	.0292	.00009	.0090	.0237	.0229	.013	.00274
%RSD	.34438	.01869	.58462	.50151	.28111	.11307	.43040
#1	8.4893	.49156	1.5424	4.7354	8.1732	11.393	.63771
#2	8.4480	.49169	1.5297	4.7020	8.1408	11.375	.63384

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8690	.95384	1.8109	1.2948	.93529	5.0257	1.2724
SDev	.0014	.00680	.0023	.0012	.00498	.0448	.0170
%RSD	.07313	.71311	.12440	.09239	.53220	.89188	1.3359
#1	1.8700	.95865	1.8125	1.2956	.93881	5.0574	1.2845
#2	1.8680	.94903	1.8093	1.2939	.93177	4.9940	1.2604

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.4311	.34598	.29121	.55168	5.5756	.22452	.29483
SDev	.0125	.00815	.00758	.00683	.0208	.00295	.00048
%RSD	.87125	2.3558	2.6048	1.2371	.37360	1.3147	.16365
#1	1.4223	.35175	.29657	.54685	5.5904	.22661	.29449
#2	1.4399	.34022	.28585	.55650	5.5609	.22243	.29517

Elem	Zn2062	Sn1899	Ag3280
Avge	.19308	1.2477	1.6305
SDev	.00034	.0470	.0152
%RSD	.17709	3.7671	.93038
#1	.19284	1.2810	1.6413
#2	.19333	1.2145	1.6198

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2885	--	--	--	--	--	--
SDev	16.86456	--	--	--	--	--	--
%RSD	.5846161	--	--	--	--	--	--
#1	2873	--	--	--	--	--	--
#2	2897	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:09:03 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 09/26/08 04:04:10

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.871	2.3008	7.3409	23.534	39.446	56.300	3.1898
SDev	.126	.0064	.0201	.177	.124	.132	.0047
%RSD	.30133	.27632	.27387	.75255	.31502	.23489	.14686
#1	41.960	2.2963	7.3267	23.659	39.534	56.207	3.1865
#2	41.782	2.3053	7.3551	23.409	39.358	56.394	3.1931

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.3112	4.7435	9.0336	6.4684	4.6687	25.205	6.1680
SDev	.0333	.0186	.0240	.0112	.0680	.044	.0397
%RSD	.35733	.39297	.26601	.17367	1.4564	.17436	.64424
#1	9.2876	4.7567	9.0166	6.4605	4.6206	25.236	6.1961
#2	9.3347	4.7303	9.0506	6.4764	4.7168	25.174	6.1399

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.9619	1.7094	1.5659	2.8074	27.410	1.2322	1.4648
SDev	.0400	.0310	.0170	.0052	.124	.0409	.0058
%RSD	.57519	1.8160	1.0842	.18533	.45221	3.3204	.39634
#1	6.9335	1.6874	1.5779	2.8038	27.498	1.2032	1.4607
#2	6.9902	1.7313	1.5539	2.8111	27.323	1.2611	1.4689

Elem	Zn2062	Sn1899	Ag3280
Avge	.95442	6.2383	8.2483
SDev	.00387	.0335	.0209
%RSD	.40602	.53765	.25281
#1	.95168	6.2145	8.2630
#2	.95716	6.2620	8.2335

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2874	--	--	--	--	--	--
SDev	11.29610	--	--	--	--	--	--
%RSD	.3929779	--	--	--	--	--	--
#1	2866	--	--	--	--	--	--
#2	2882	--	--	--	--	--	--

Standardization Rpt. 09/26/08 04:14:28 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 09/26/08 04:09:07

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	84.507	4.5560	14.702	47.275	78.439	62.441	112.36
SDev	.120	.0099	.008	.006	.052	.061	.11
%RSD	.14255	.21647	.05328	.01262	.06680	.09846	.09550
#1	84.422	4.5491	14.697	47.270	78.402	62.397	112.28
#2	84.592	4.5630	14.708	47.279	78.476	62.484	112.43

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.3662	18.603	9.5346	18.029	72.090	113.46	12.909
SDev	.0083	.001	.0179	.004	.117	.06	.007
%RSD	.13041	.00390	.18796	.02197	.16178	.05050	.05464
#1	6.3603	18.604	9.5219	18.026	72.007	113.42	12.914
#2	6.3720	18.603	9.5473	18.032	72.172	113.50	12.904

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.3434	3.0522	50.503	12.128	14.144	3.4661	3.0822
SDev	.0646	.0188	.149	.064	.044	.0312	.0208
%RSD	.69112	.61614	.29449	.53008	.31338	.89996	.67380
#1	9.2977	3.0389	50.398	12.174	14.112	3.4440	3.0969
#2	9.3891	3.0655	50.608	12.083	14.175	3.4881	3.0675

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.8095	54.950	2.4967	2.9323	1.8998	12.423	16.511
SDev	.0075	.074	.0278	.0041	.0015	.084	.002
%RSD	.12932	.13438	1.1133	.13833	.08049	.67860	.01027
#1	5.8042	54.898	2.4770	2.9294	1.8987	12.482	16.510
#2	5.8148	55.002	2.5163	2.9351	1.9009	12.363	16.512

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2865	--	--	--	--	--	--
SDev	7.371623	--	--	--	--	--	--
%RSD	.2573430	--	--	--	--	--	--
#1	2859	--	--	--	--	--	--
#2	2870	--	--	--	--	--	--

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Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.595858	-.050470	09/26/08 04:09:07
As1890	189.042	Multiple	Standards	.217371	-.005495	09/26/08 04:09:07
B_2496	249.678	Multiple	Standards	.068583	-.005106	09/26/08 04:09:07
Ba4934	493.409	Multiple	Standards	.021211	-.000157	09/26/08 04:09:07
Be3130	313.042	Multiple	Standards	.012780	-.004053	09/26/08 04:09:07
Ca3179	317.933	STD 3	STD BLK	.984113	-.009238	09/26/08 04:09:07
Cd2265	226.502	Multiple	Standards	.008856	.000159	09/26/08 04:09:07
Co2286	228.616	Multiple	Standards	.156760	.000649	09/26/08 04:09:07
Cr2677	267.716	Multiple	Standards	.053681	.000044	09/26/08 04:09:07
Cu3247	324.753	Multiple	Standards	.105973	-.001918	09/26/08 04:09:07
Fe2714	271.441	Multiple	Standards	2.76838	-.002483	09/26/08 04:09:07
K_7664	766.491	STD 3	STD BLK	1.00941	.015038	09/26/08 04:09:07
Mg2790	279.078	STD 3	STD BLK	.960942	-.026126	09/26/08 04:09:07
Mn2576	257.610	Multiple	Standards	.077381	-.000108	09/26/08 04:09:07
Mo2020	202.030	Multiple	Standards	.107105	-.000259	09/26/08 04:09:07
Na3302	330.232	STD 3	STD BLK	1.01540	-.006503	09/26/08 04:09:07
Ni2316	231.604	Multiple	Standards	.019664	.001927	09/26/08 04:09:07
2203/1	220.351	Multiple	Standards	.084164	-.003575	09/26/08 04:09:07
2203/2	220.352	Multiple	Standards	.069989	-.000734	09/26/08 04:09:07
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.290842	-.000602	09/26/08 04:09:07
1960/1	196.021	Multiple	Standards	.307759	.014723	09/26/08 04:09:07
1960/2	196.022	Multiple	Standards	.180694	-.008258	09/26/08 04:09:07
Ti3372	337.280	Multiple	Standards	.018286	-.002072	09/26/08 04:09:07
Tl1908	190.864	Multiple	Standards	.398069	.005377	09/26/08 04:09:07
V_2924	292.402	Multiple	Standards	.341568	-.000650	09/26/08 04:09:07
Zn2062	206.200	Multiple	Standards	.523855	-.000369	09/26/08 04:09:07
Sn1899	189.989	Multiple	Standards	.081668	-.003983	09/26/08 04:09:07
Ag3280	328.068	Multiple	Standards	.060823	.000070	09/26/08 04:09:07

Standardization Readback Report 09/26/08 04:14:28 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000079	-.000079
		STD 1	5.00000	4.99564	.004355
		STD 2	25.0000	24.8987	.101299
		STD 3	50.0000	50.3038	-.303822

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101370	-.001370
		STD 2	.500000	.494632	.005368
		STD 3	1.00000	.984853	.015147

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100241	-.000241
		STD 2	.500000	.498356	.001644
		STD 3	1.00000	1.00321	-.003210

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099934	.000066
		STD 2	.500000	.499031	.000969
		STD 3	1.00000	1.00260	-.002602

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100197	-.000197
		STD 2	.500000	.500079	-.000079
		STD 3	1.00000	.998431	.001569

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.020082	-.009557
		STD 3	61.4397	62.4409	-1.00122

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100982	-.000982
		STD 2	.500000	.498768	.001232
		STD 3	1.00000	.995226	.004774

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100313	-.000313
		STD 2	.500000	.500677	-.000677
		STD 3	1.00000	.998607	.001393

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100373	-.000373
		STD 2	.500000	.499875	.000125
		STD 3	1.00000	.998687	.001313

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099163	.000837
		STD 2	.500000	.500764	-.000764
		STD 3	1.00000	1.00849	-.008492

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000089	.000089
		STD 1	5.00000	5.01084	-.010838
		STD 2	25.0000	25.0058	-.005825
		STD 3	50.0000	49.9092	.090755

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.070461	.014375
		STD 3	72.7834	72.0900	.693466

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.029603	-.027283
		STD 3	109.006	113.464	-4.45784

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100082	-.000082
		STD 2	.500000	.500427	-.000427
		STD 3	1.00000	.998779	.001221

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099915	.000085
		STD 2	.500000	.499782	.000218
		STD 3	1.00000	1.00046	-.000464

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	.005371	-.006421
		STD 3	3.09264	3.05215	.040492

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100753	-.000753
		STD 2	.500000	.497548	.002452
		STD 3	1.00000	.995019	.004981

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.103519	-.003519
		STD 2	.500000	.515544	-.015544
		STD 3	1.00000	1.01718	-.017175

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.099428	.000572
		STD 2	.500000	.486517	.013483
		STD 3	1.00000	.989152	.010848

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.100025	-.000025
		STD 2	.500000	.496556	.003444
		STD 3	1.00000	1.00748	-.007481

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000038	.000038
		STD 1	.100000	.104345	-.004345
		STD 2	.500000	.496635	.003365
		STD 3	1.00000	.963305	.036695

CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000062	-.000062
		STD 1	.100000	.091428	.008572
		STD 2	.500000	.499032	.000968
		STD 3	1.00000	1.04149	-.041491

CorCoef: 0.99975

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099882	.000118
		STD 2	.500000	.499144	.000856
		STD 3	1.00000	1.00273	-.002729

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000028	-.000028
		STD 1	.100000	.094752	.005248
		STD 2	.500000	.495862	.004138
		STD 3	1.00000	.999228	.000772

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100053	-.000053
		STD 2	.500000	.499668	.000332
		STD 3	1.00000	1.00091	-.000913

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100779	-.000779
		STD 2	.500000	.499611	.000389
		STD 3	1.00000	.994850	.005150

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000018	-.000018
		STD 1	.100000	.097918	.002082
		STD 2	.500000	.505483	-.005483
		STD 3	1.00000	1.01056	-.010563

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099244	.000756
		STD 2	.500000	.501757	-.001757
		STD 3	1.00000	1.00433	-.004331

CorCoef: 1.00000

Analysis Report Blank Sample 09/26/08 04:19:52 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 09/26/08 04:14:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.233	.98557	1.0031	1.0036	.99386	50.033	.98992
SDev	.257	.00478	.0001	.0066	.00569	.232	.00270
%RSD	.51158	.48487	.00638	.65517	.57264	.46403	.27318
#1	50.415	.98895	1.0031	1.0082	.99789	50.197	.98801
#2	50.051	.98219	1.0030	.99895	.98984	49.869	.99183
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99519	.99640	1.0068	49.742	50.257	50.003	.99751
SDev	.00091	.00099	.0072	.042	.065	.054	.00131
%RSD	.09155	.09918	.71963	.08429	.12922	.10896	.13151
#1	.99455	.99570	1.0119	49.712	50.303	49.965	.99659
#2	.99584	.99710	1.0017	49.772	50.211	50.042	.99844
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99897	49.871	.99238	.98689	.99351	.99130	1.0174
SDev	.00611	.100	.00584	.00139	.00356	.00283	.0024
%RSD	.61144	.19978	.58865	.14086	.35799	.28601	.23825
#1	.99465	49.941	.99651	.98787	.99602	.99331	1.0157
#2	1.0033	49.800	.98825	.98590	.99099	.98930	1.0191
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0092	.97169	1.0403	1.0003	1.0276	.99957	.98865
SDev	.0104	.01335	.0030	.0043	.0154	.00034	.00186
%RSD	1.0333	1.3737	.29205	.42553	1.4972	.03378	.18799
#1	1.0019	.96225	1.0424	1.0033	1.0168	.99981	.98733
#2	1.0166	.98112	1.0381	.99732	1.0385	.99934	.98996
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0113	1.0040
SDev	.0037	.0003
%RSD	.36875	.02596
#1	1.0087	1.0042
#2	1.0139	1.0038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2855	--	--	--	--	--	--
SDev	15.22040	--	--	--	--	--	--
%RSD	.5331163	--	--	--	--	--	--
#1	2844	--	--	--	--	--	--
#2	2866	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 04:25:17 AM page 1

Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 09/26/08 04:19:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.876	.36148	.37193	.37627	.37186	18.676	.37128
SDev	.046	.00088	.00279	.00058	.00068	.040	.00009
%RSD	.24259	.24258	.75129	.15421	.18239	.21528	.02418
#1	18.844	.36210	.36996	.37586	.37138	18.647	.37135
#2	18.909	.36086	.37391	.37668	.37234	18.704	.37122
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36771	.38319	.36554	18.524	18.472	18.841	.37655
SDev	.00001	.00070	.00160	.015	.085	.007	.00031
%RSD	.00183	.18315	.43892	.08040	.45806	.03621	.08130
#1	.36770	.38270	.36441	18.513	18.532	18.846	.37633
#2	.36771	.38369	.36668	18.534	18.412	18.836	.37676
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37465	18.846	.37347	.37112	.37564	.37413	.38600
SDev	.00180	.091	.00249	.00583	.00266	.00016	.00378
%RSD	.48169	.48284	.66807	1.5699	.70956	.04338	.97852
#1	.37337	18.782	.37170	.37524	.37375	.37425	.38333
#2	.37592	18.910	.37523	.36700	.37752	.37402	.38867
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39157	.37245	.39278	.38470	.38231	.36886	.37603
SDev	.00610	.00509	.00312	.00053	.01055	.00002	.00040
%RSD	1.5570	1.3677	.79399	.13807	2.7603	.00651	.10687
#1	Q.39588	.36885	.39057	.38433	.37485	.36887	.37574
#2	.38726	.37606	.39498	.38508	.38977	.36884	.37631
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37694	.37327
SDev	.00067	.00071
%RSD	.17710	.18900
#1	.37647	.37377
#2	.37742	.37277
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	.8484936	--	--	--	--	--	--
%RSD	.0293851	--	--	--	--	--	--
#1	2887	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 04:30:40 AM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 09/26/08 04:25:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00476	.00314	.00153	.00015	.00007	.00394	.00003
SDev	.00219	.00114	.00158	.00008	.00001	.00025	.00030
%RSD	45.991	36.409	103.67	52.065	19.203	6.3198	917.74
#1	.00631	.00394	.00265	.00009	.00006	.00412	.00024
#2	.00321	.00233	.00041	.00020	.00008	.00377	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00037	.00018	.00089	-.02256	.00688	.00012
SDev	.00019	.00054	.00047	.00612	.01317	.00171	.00006
%RSD	79.385	145.90	264.66	687.19	58.396	24.810	47.739
#1	.00038	.00075	.00051	.00522	-.01324	.00567	.00016
#2	.00011	-.00001	-.00016	-.00344	-.03187	.00808	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	-.01856	.00013	.00033	-.00290	-.00182	-.00323
SDev	.00018	.05419	.00109	.00350	.00245	.00047	.00383
%RSD	7.1406	291.90	862.28	1046.6	84.497	25.680	118.53
#1	.00235	.01975	.00089	-.00214	-.00117	-.00149	-.00593
#2	.00260	-.05688	-.00064	.00281	-.00463	-.00215	-.00052
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00569	.00771	-.00870	.00046	.00288	-.00035	-.00019
SDev	.00069	.00705	.00222	.00004	.00129	.00059	.00077
%RSD	12.196	91.322	25.485	8.2508	44.781	167.16	413.24
#1	.00618	.00273	-.01027	.00049	.00380	.00006	.00036
#2	.00520	.01270	-.00713	.00044	.00197	-.00077	-.00073
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00397	.00030
SDev	.00271	.00000
%RSD	68.126	.18630
#1	L-.00589	.00030
#2	-.00206	.00030
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2880	--	--	--	--	--	--
SDev	7.742784	--	--	--	--	--	--
%RSD	.2688047	--	--	--	--	--	--
#1	2875	--	--	--	--	--	--
#2	2886	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 04:36:04 AM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 09/26/08 04:30:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21472	.01054	.02374	.00220	.00203	.49882	.00118
SDev	.00152	.00040	.00254	.00001	.00001	.00245	.00012
%RSD	.70906	3.8466	10.689	.44184	.58380	.49152	10.137
#1	.21580	.01025	.02553	.00219	.00204	.50056	.00126
#2	.21365	.01083	.02194	.00220	.00202	.49709	.00109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00433	.00496	.00941	.05159	.42218	.21363	.00312
SDev	.00124	.00097	.00060	.01028	.03680	.00319	.00006
%RSD	28.533	19.588	6.3608	19.934	8.7165	1.4949	2.0785
#1	.00521	.00564	.00983	.05886	.44820	.21589	.00316
#2	.00346	.00427	.00899	.04432	.39616	.21137	.00307
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01191	1.2082	.00992	.00374	.00461	.00432	.01536
SDev	.00036	.0974	.00030	.00076	.00041	.00002	.00113
%RSD	3.0435	8.0642	3.0207	20.471	8.8215	.37962	7.3623
#1	.01166	1.2770	.01013	.00320	.00490	.00433	.01456
#2	.01217	1.1393	.00971	.00428	.00432	.00431	.01616
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01795	.02418	.01096	.00538	.02238	.00544	.01123
SDev	.00383	.01022	.00341	.00001	.00131	.00110	.00080
%RSD	21.363	42.253	31.136	.23551	5.8441	20.227	7.1040
#1	.01523	.01696	.01337	.00537	.02331	.00622	.01179
#2	.02066	.03140	.00854	.00539	.02146	.00467	.01066
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00553	.00375
SDev	.00260	.00052
%RSD	47.067	13.723
#1	.00737	.00412
#2	L.00369	.00339
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2890	--	--	--	--	--	--
SDev	7.212455	--	--	--	--	--	--
%RSD	.2495422	--	--	--	--	--	--
#1	2885	--	--	--	--	--	--
#2	2895	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 04:41:27 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 09/26/08 04:36:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.31	.00116	.00441	.00125	.00098	530.57	-.00226
SDev	1.08	.00224	.00160	.00007	.00002	1.73	.00016
%RSD	.20841	192.88	36.371	6.0280	1.5057	.32565	7.1340
#1	517.55	-.00042	.00328	.00130	.00097	529.35	-.00238
#2	519.08	.00274	.00554	.00119	.00099	531.79	-.00215
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00073	-.00206	.00043	195.28	-.00682	502.96	.00166
SDev	.00004	.00027	.00021	.27	.02686	.65	.00005
%RSD	5.5880	13.007	49.040	.13612	393.69	.12852	3.2683
#1	.00076	-.00225	.00028	195.09	.01217	502.51	.00162
#2	.00070	-.00187	.00057	195.47	-.02582	503.42	.00170
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.16783	.00077	.01138	.00540	.00739	-.00299
SDev	.00181	.18665	.00026	.00952	.00620	.00097	.00008
%RSD	132.16	111.22	34.410	83.612	114.86	13.118	2.7520
#1	.00266	.03584	.00095	.01811	.00101	.00671	-.00305
#2	.00009	.29981	.00058	.00465	.00979	.00808	-.00293
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.02877	-.01887	.00168	-.03967	.00064	-.00742
SDev	.00422	.00999	.00512	.00005	.00531	.00079	.00043
%RSD	185.75	34.708	27.112	3.0792	13.378	123.28	5.7355
#1	-.00071	.03583	-.02249	.00172	-.03591	.00008	-.00772
#2	.00526	.02171	-.01525	.00164	Q-.04342	.00119	-.00712
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00067	.00112
SDev	.00159	.00009
%RSD	237.91	8.2402
#1	-.00045	.00106
#2	.00179	.00119
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2713	--	--	--	--	--	--
SDev	6.310963	--	--	--	--	--	--
%RSD	.2326118	--	--	--	--	--	--
#1	2709	--	--	--	--	--	--
#2	2718	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 04:46:50 AM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 09/26/08 04:41:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	522.08	.11065	.02452	.52308	.49436	533.08	.98142
SDev	5.97	.00477	.00073	.00557	.00545	7.15	.01055
%RSD	1.1437	4.3158	2.9674	1.0647	1.1027	1.3411	1.0744
#1	526.30	.10727	.02503	.52701	.49822	538.13	.98887
#2	517.85	.11402	.02400	.51914	.49051	528.02	.97396
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48918	.50405	.51723	98.103	-.02602	499.46	.49541
SDev	.00456	.00559	.00533	1.052	.00769	5.18	.00552
%RSD	.93319	1.1093	1.0300	1.0720	29.544	1.0364	1.1142
#1	.49240	.50801	.52100	98.847	-.03146	503.12	.49931
#2	.48595	.50010	.51346	97.360	-.02059	495.80	.49151
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	-.09124	.96226	.05423	.05567	.05519	.05435
SDev	.00145	.16301	.01031	.00135	.00176	.00072	.00302
%RSD	75.478	178.66	1.0716	2.4953	3.1634	1.3118	5.5626
#1	.00090	.02402	.96955	.05518	.05442	.05468	.05221
#2	.00295	-.20651	.95496	.05327	.05691	.05570	.05648
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64611	.05369	.05468	.00312	.09418	.51009	.96878
SDev	.00885	.00579	.00743	.00027	.00787	.00636	.01110
%RSD	1.3690	10.777	13.584	8.8029	8.3528	1.2460	1.1460
#1	.65237	.05778	.04942	.00331	.08862	.51458	.97663
#2	.63986	.04959	.05993	.00292	.09975	.50560	.96093
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00195	.21433
SDev	.00168	.00195
%RSD	86.146	.91068
#1	-.00314	.21571
#2	-.00076	.21295
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2711	--	--	--	--	--	--
SDev	33.72896	--	--	--	--	--	--
%RSD	1.244175	--	--	--	--	--	--
#1	2687	--	--	--	--	--	--
#2	2735	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 04:53:44 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 04:48:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.846	.47506	.49007	.49632	.49066	24.663	.48759
SDev	.043	.00401	.00121	.00012	.00072	.044	.00009
%RSD	.17427	.84377	.24719	.02455	.14692	.17643	.01740
#1	24.815	.47789	.48921	.49641	.49015	24.632	.48753
#2	24.876	.47222	.49092	.49623	.49117	24.694	.48765
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48363	.50468	.48308	24.374	24.549	24.637	.49584
SDev	.00026	.00076	.00055	.004	.015	.033	.00015
%RSD	.05274	.14988	.11285	.01534	.06049	.13394	.03000
#1	.48345	.50415	.48269	24.376	24.559	24.614	.49573
#2	.48381	.50522	.48346	24.371	24.538	24.660	.49594
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48969	24.797	.49346	.49035	.49189	.49138	.50707
SDev	.00317	.218	.00149	.00025	.00803	.00544	.00021
%RSD	.64691	.88050	.30156	.05014	1.6323	1.1065	.04168
#1	.48745	24.642	.49241	.49017	.48622	.48753	.50692
#2	.49193	24.951	.49451	.49052	.49757	.49522	.50722
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50119	.47967	.52078	.50771	.50461	.48574	.49420
SDev	.00372	.00154	.00109	.00151	.00728	.00106	.00163
%RSD	.74183	.32153	.20895	.29798	1.4427	.21762	.32910
#1	.49856	.48076	.52001	.50664	.49946	.48500	.49305
#2	.50382	.47858	.52154	.50878	.50976	.48649	.49535
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50352	.49321
SDev	.00212	.00031
%RSD	.42092	.06239
#1	.50502	.49343
#2	.50202	.49300
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2892	--	--	--	--	--	--
SDev	7.265453	--	--	--	--	--	--
%RSD	.2511836	--	--	--	--	--	--
#1	2898	--	--	--	--	--	--
#2	2887	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 04:53:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00271	.00337	.00198	.00009	.00007	.02736	.00008
SDev	.00769	.00169	.00154	.00002	.00001	.00179	.00011
%RSD	283.11	50.013	77.667	18.482	7.4727	6.5557	147.44
#1	.00815	.00457	.00306	.00008	.00006	.02863	.00015
#2	-.00272	.00218	.00089	.00010	.00007	.02609	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00026	-.00051	.00277	-.00922	.01016	.00015
SDev	.00015	.00056	.00101	.00879	.00409	.00413	.00009
%RSD	47.828	219.75	197.99	316.92	44.379	40.714	64.029
#1	.00043	.00066	.00020	.00899	-.00633	.00723	.00021
#2	.00021	-.00014	-.00122	-.00344	-.01212	.01308	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	-.27995	-.00019	.00257	-.00059	.00046	.00027
SDev	.00035	.00532	.00018	.00536	.00141	.00085	.00154
%RSD	12.388	1.9019	93.781	208.87	239.38	183.06	576.83
#1	.00259	-.27618	-.00006	-.00122	.00041	-.00014	.00136
#2	.00309	-.28371	-.00031	.00636	-.00158	.00106	-.00082
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00393	.00912	-.00416	.00006	.00297	-.00029	.00045
SDev	.00219	.00597	.00067	.00007	.00762	.00033	.00038
%RSD	55.753	65.454	16.224	129.72	256.74	113.07	85.657
#1	.00547	.01334	-.00464	.00000	.00835	-.00006	.00072
#2	.00238	.00490	-.00368	.00011	-.00242	-.00053	.00018
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00318	.00040
SDev	.00182	.00034
%RSD	57.085	86.497
#1	-.00190	.00015
#2	-.00446	.00064
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2889	--	--	--	--	--	--
SDev	10.07627	--	--	--	--	--	--
%RSD	.3487444	--	--	--	--	--	--
#1	2896	--	--	--	--	--	--
#2	2882	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854784 Operator: AH
Run Time: 09/26/08 04:59:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03648	.00511	.16717	.03725	-.00006	60.483	-.00001
SDev	.00488	.00288	.00132	.00012	.00001	.040	.00010
%RSD	13.374	56.421	.78782	.31126	15.041	.06550	1521.5
#1	.03993	.00715	.16810	.03733	-.00006	60.511	.00006
#2	.03303	.00307	.16624	.03716	-.00007	60.455	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00024	-.00009	.00032	.68424	1.3933	34.359	.03190
SDev	.00110	.00038	.00021	.00577	.0230	.084	.00007
%RSD	456.58	410.93	65.541	.84303	1.6509	.24309	.21841
#1	.00053	.00017	.00046	.68832	1.4096	34.418	.03195
#2	-.00101	-.00036	.00017	.68016	1.3771	34.300	.03185
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00768	19.659	.00018	-.00302	-.00039	-.00127	-.00253
SDev	.00006	.101	.00081	.00168	.00143	.00040	.00541
%RSD	.83803	.51535	441.69	55.709	366.57	31.208	214.04
#1	.00773	19.731	.00076	-.00183	-.00141	-.00155	.00130
#2	.00764	19.588	-.00039	-.00421	.00062	-.00099	-.00635
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00379	.01121	-.00939	-.00003	.00546	-.00030	.02887
SDev	.00306	.00096	.00763	.00046	.00829	.00050	.00017
%RSD	80.760	8.5638	81.273	1684.8	151.65	162.48	.59888
#1	.00596	.01188	-.00400	.00030	.01132	.00005	.02900
#2	.00163	.01053	-.01479	-.00035	-.00040	-.00065	.02875
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00553	-.00023
SDev	.00077	.00084
%RSD	13.854	363.39
#1	-.00499	.00036
#2	-.00607	-.00082
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2929	--	--	--	--	--	--
SDev	4.666801	--	--	--	--	--	--
%RSD	.1593445	--	--	--	--	--	--
#1	2925	--	--	--	--	--	--
#2	2932	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854785 Operator: AH
Run Time: 09/26/08 05:04:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02887	.00976	.11255	.04127	-.00008	68.426	-.00003
SDev	.00701	.00165	.00243	.00002	.00002	.210	.00022
%RSD	24.287	16.901	2.1596	.05060	25.355	.30625	650.83
#1	.02391	.00860	.11084	.04126	-.00009	68.277	-.00019
#2	.03383	.01093	.11427	.04129	-.00006	68.574	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00029	.06446	1.6731	1.4837	39.133	.01123
SDev	.00091	.00030	.00086	.0158	.0143	.070	.00003
%RSD	579.28	102.70	1.3396	.94329	.96528	.17786	.23383
#1	-.00049	.00008	.06385	1.6619	1.4736	39.084	.01125
#2	.00080	.00050	.06507	1.6843	1.4939	39.182	.01121
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00374	14.828	.00106	-.00022	.00036	.00017	-.00114
SDev	.00060	.079	.00024	.00112	.00095	.00026	.00056
%RSD	16.102	.53044	22.521	519.21	260.76	151.47	48.939
#1	.00331	14.772	.00089	-.00101	.00103	.00035	-.00075
#2	.00416	14.883	.00123	.00058	-.00031	-.00001	-.00154
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00185	.01521	-.00931	.00014	.00349	-.00038	.01680
SDev	.00201	.00463	.00315	.00037	.00336	.00041	.00040
%RSD	108.55	30.458	33.855	255.56	96.267	109.32	2.3713
#1	-.00327	.01193	-.00709	-.00012	.00112	-.00067	.01652
#2	-.00043	.01848	-.01154	.00040	.00587	-.00009	.01708
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00279	.00001
SDev	.00069	.00136
%RSD	24.885	16323.
#1	-.00328	-.00095
#2	-.00230	.00097
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2914	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1001091	--	--	--	--	--	--
#1	2916	--	--	--	--	--	--
#2	2912	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854786 Operator: AH
Run Time: 09/26/08 05:10:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04132	.01027	.26243	.02468	-.00002	80.701	.00009
SDev	.00424	.00148	.00029	.00007	.00002	.042	.00016
%RSD	10.252	14.416	.10951	.27145	112.34	.05208	178.83
#1	.03833	.00923	.26263	.02463	-.00003	80.731	.00020
#2	.04432	.01132	.26222	.02473	-.00000	80.671	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00050	.00395	2.6162	1.9627	34.305	.05860
SDev	.00008	.00056	.00027	.0019	.0192	.039	.00023
%RSD	20.641	112.46	6.9081	.07128	.97685	.11379	.39258
#1	.00043	.00010	.00415	2.6175	1.9762	34.332	.05876
#2	.00032	.00090	.00376	2.6149	1.9491	34.277	.05843
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00648	20.852	.00084	.00150	.00113	.00125	-.00296
SDev	.00064	.097	.00035	.00073	.00066	.00020	.00609
%RSD	9.8661	.46593	41.176	48.385	58.459	15.827	205.66
#1	.00603	20.784	.00060	.00099	.00159	.00139	-.00727
#2	.00693	20.921	.00109	.00201	.00066	.00111	.00135
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00206	.00338	-.00613	.00045	.00623	-.00004	.05425
SDev	.00141	.00065	.00881	.00040	.00170	.00008	.00028
%RSD	68.549	19.356	143.69	88.305	27.322	217.82	.51893
#1	.00306	.00292	-.01236	.00017	.00503	.00002	.05445
#2	.00106	.00384	.00010	.00073	.00744	-.00010	.05406
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00083	.00022
SDev	.00152	.00015
%RSD	183.22	68.236
#1	-.00190	.00032
#2	.00025	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2901	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.1864728	--	--	--	--	--	--
#1	2905	--	--	--	--	--	--
#2	2897	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854787 Operator: AH
Run Time: 09/26/08 05:15:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03305	.00827	.14638	.04053	-.00007	86.923	-.00024
SDev	.00308	.00119	.00138	.00013	.00002	.002	.00012
%RSD	9.3104	14.398	.94394	.30755	24.560	.00227	48.397
#1	.03088	.00911	.14541	.04061	-.00006	86.922	-.00016
#2	.03523	.00743	.14736	.04044	-.00008	86.925	-.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00018	.00343	3.6598	1.8576	40.157	.03432
SDev	.00003	.00051	.00009	.0031	.0321	.034	.00013
%RSD	45.030	280.22	2.5183	.08592	1.7261	.08374	.38952
#1	.00010	.00054	.00349	3.6576	1.8802	40.133	.03422
#2	.00005	-.00018	.00337	3.6620	1.8349	40.181	.03441
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00651	14.363	.00130	-.00146	-.00037	-.00073	.00448
SDev	.00038	.039	.00045	.00171	.00039	.00083	.00504
%RSD	5.8656	.27033	34.510	117.38	106.82	113.83	112.47
#1	.00678	14.335	.00098	-.00025	-.00009	-.00014	.00092
#2	.00624	14.390	.00161	-.00267	-.00065	-.00132	.00804
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00286	.02058	-.00357	.00010	-.00036	-.00076	.03847
SDev	.00673	.00736	.00388	.00000	.00081	.00008	.00025
%RSD	234.79	35.759	108.81	3.6978	221.57	10.917	.65367
#1	.00189	.01537	-.00631	.00010	-.00094	-.00070	.03864
#2	-.00762	.02578	-.00082	.00010	.00021	-.00082	.03829
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00002	.00042
SDev	.00275	.00064
%RSD	16509.	152.83
#1	-.00193	.00087
#2	.00196	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2913	--	--	--	--	--	--
SDev	18.87972	--	--	--	--	--	--
%RSD	.6480526	--	--	--	--	--	--
#1	2900	--	--	--	--	--	--
#2	2927	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854788 Operator: AH
Run Time: 09/26/08 05:20:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15029	.00892	1.0943	.22252	-.00002	159.68	-.00026
SDev	.00570	.00162	.0007	.00103	.00000	.65	.00004
%RSD	3.7952	18.156	.06193	.46042	5.8227	.40968	13.700
#1	.15433	.00778	1.0948	.22180	-.00002	159.21	-.00024
#2	.14626	.01007	1.0938	.22325	-.00002	160.14	-.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00000	.00300	18.088	8.7263	24.781	.46878
SDev	.00027	.00011	.00012	.022	.0098	.013	.00012
%RSD	136.11	114920.	4.0121	.12406	.11256	.05057	.02444
#1	.00039	-.00007	.00292	18.104	8.7332	24.790	.46870
#2	.00001	.00007	.00309	18.072	8.7194	24.772	.46887
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	46.589	.00326	.00158	.00572	.00434	-.00140
SDev	.00066	.051	.00011	.00463	.00021	.00168	.00636
%RSD	37.483	.11025	3.2555	293.63	3.6873	38.738	453.04
#1	.00129	46.553	.00334	-.00170	.00557	.00315	-.00590
#2	.00222	46.625	.00319	.00485	.00587	.00553	.00309
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00242	.00919	-.00670	.00232	.00268	.00008	.12291
SDev	.00576	.01060	.00424	.00087	.00448	.00042	.00048
%RSD	238.24	115.44	63.322	37.468	167.39	537.48	.38711
#1	-.00649	.00169	-.00970	.00170	-.00049	-.00022	.12324
#2	.00166	.01668	-.00370	.00293	.00585	.00037	.12257
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00502	-.00015
SDev	.00436	.00108
%RSD	87.023	730.99
#1	-.00810	-.00091
#2	-.00193	.00062
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2908	--	--	--	--	--	--
SDev	9.811107	--	--	--	--	--	--
%RSD	.3373471	--	--	--	--	--	--
#1	2915	--	--	--	--	--	--
#2	2901	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854789 Operator: AH
Run Time: 09/26/08 05:26:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66882	.00554	.21338	.09826	-.00004	80.703	-.00005
SDev	.00831	.00468	.00080	.00008	.00000	.012	.00004
%RSD	1.2422	84.478	.37685	.08480	.12724	.01458	77.828
#1	.67470	.00885	.21395	.09832	-.00004	80.711	-.00008
#2	.66295	.00223	.21281	.09820	-.00004	80.694	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00162	.00069	6.5166	13.818	37.320	.43599
SDev	.00015	.00000	.00034	.0036	.025	.021	.00041
%RSD	21.169	.21923	49.418	.05594	.17963	.05748	.09335
#1	.00082	.00162	.00093	6.5192	13.836	37.335	.43627
#2	.00061	.00162	.00045	6.5140	13.801	37.304	.43570
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	53.768	.00099	.01537	.01429	.01465	-.00180
SDev	.00024	.067	.00035	.00080	.00290	.00220	.00347
%RSD	11.570	.12377	34.904	5.1805	20.282	15.006	192.90
#1	.00224	53.721	.00124	.01481	.01224	.01310	.00065
#2	.00190	53.815	.00075	.01594	.01634	.01621	-.00425
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00416	.01439	-.00989	.02079	.00432	.00071	.00690
SDev	.00463	.00560	.00240	.00095	.00057	.00009	.00011
%RSD	111.38	38.905	24.303	4.5644	13.150	12.078	1.5983
#1	.00744	.01835	-.00819	.02146	.00392	.00077	.00682
#2	.00088	.01043	-.01159	.02012	.00472	.00065	.00698
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00226	.00017
SDev	.00042	.00021
%RSD	18.542	118.34
#1	-.00197	.00032
#2	-.00256	.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2915	--	--	--	--	--	--
SDev	6.735296	--	--	--	--	--	--
%RSD	.2310515	--	--	--	--	--	--
#1	2910	--	--	--	--	--	--
#2	2920	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854789/L (1:5) Operator: AH
Run Time: 09/26/08 05:31:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14603	.00379	.04272	.01958	-.00004	15.908	.00003
SDev	.00104	.00136	.00034	.00019	.00002	.132	.00018
%RSD	.71442	35.888	.78549	.98019	57.233	.82675	544.06
#1	.14677	.00475	.04248	.01945	-.00005	15.815	-.00009
#2	.14530	.00283	.04296	.01972	-.00002	16.001	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00066	.00015	1.3001	2.5000	7.3923	.08645
SDev	.00023	.00041	.00026	.0136	.0009	.0348	.00026
%RSD	229.26	61.778	172.28	1.0433	.03610	.47139	.29976
#1	-.00006	.00037	-.00003	1.2905	2.4994	7.3676	.08627
#2	.00026	.00095	.00034	1.3097	2.5007	7.4169	.08664
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	10.912	.00008	.00339	.00229	.00266	.00131
SDev	.00018	.243	.00005	.00083	.00153	.00074	.00248
%RSD	102.45	2.2306	53.818	24.347	66.484	27.895	188.71
#1	.00005	10.740	.00005	.00398	.00122	.00214	.00307
#2	.00031	11.084	.00011	.00281	.00337	.00319	-.00044
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00140	.01449	-.00527	.00476	.00003	-.00026	.00144
SDev	.00032	.00931	.00094	.00036	.00299	.00042	.00052
%RSD	22.977	64.261	17.739	7.4694	9917.2	161.76	35.822
#1	-.00117	.02107	-.00593	.00501	.00214	-.00055	.00107
#2	-.00163	.00790	-.00461	.00451	-.00208	.00004	.00180
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00200	-.00033
SDev	.00077	.00003
%RSD	38.649	8.7678
#1	-.00145	-.00035
#2	-.00255	-.00031
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2899	--	--	--	--	--	--
SDev	6.151794	--	--	--	--	--	--
%RSD	.2122113	--	--	--	--	--	--
#1	2903	--	--	--	--	--	--
#2	2895	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854789/PS Operator: AH
Run Time: 09/26/08 05:37:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.194	.20275	.41702	.30780	.20283	89.025	.20083
SDev	.085	.00402	.00100	.00232	.00155	.621	.00037
%RSD	.76185	1.9823	.24008	.75340	.76537	.69790	.18360
#1	11.133	.20559	.41632	.30616	.20173	88.586	.20057
#2	11.254	.19991	.41773	.30944	.20392	89.464	.20109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20033	.20260	.20195	16.438	24.433	46.618	.62759
SDev	.00060	.00120	.00109	.006	.054	.014	.00053
%RSD	.29860	.59258	.53985	.03791	.22101	.02897	.08478
#1	.19991	.20175	.20118	16.442	24.471	46.609	.62721
#2	.20075	.20345	.20272	16.434	24.395	46.628	.62796
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20282	63.224	.20194	.20601	.21649	.21300	.20968
SDev	.00285	.564	.00131	.00079	.00268	.00205	.00642
%RSD	1.4058	.89147	.64763	.38395	1.2382	.96306	3.0639
#1	.20080	62.825	.20101	.20545	.21459	.21155	.21423
#2	.20483	63.622	.20286	.20657	.21838	.21445	.20514
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20103	.19573	.21666	.22500	.21204	.20305	.20509
SDev	.00403	.02020	.00046	.00151	.01029	.00063	.00067
%RSD	2.0039	10.320	.21353	.67150	4.8529	.30816	.32414
#1	.19818	.21001	.21634	.22394	.20476	.20261	.20462
#2	.20387	.18145	.21699	.22607	.21931	.20349	.20556
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.16643	.05117
SDev	.00376	.00067
%RSD	2.2582	1.3155
#1	.16378	.05070
#2	.16909	.05165
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2916	--	--	--	--	--	--
SDev	14.84924	--	--	--	--	--	--
%RSD	.5091809	--	--	--	--	--	--
#1	2927	--	--	--	--	--	--
#2	2906	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854790/MS Operator: AH
Run Time: 09/26/08 05:42:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.202	.20609	.41257	.29882	.19926	87.446	.19775
SDev	.023	.00390	.00132	.00074	.00046	.095	.00033
%RSD	.22351	1.8928	.31965	.24769	.23028	.10853	.16641
#1	10.219	.20885	.41164	.29934	.19959	87.513	.19752
#2	10.186	.20333	.41350	.29830	.19894	87.379	.19798
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19771	.19928	.19841	15.853	24.119	45.922	.61052
SDev	.00008	.00028	.00003	.008	.002	.002	.00001
%RSD	.04054	.14075	.01609	.04863	.01029	.00338	.00110
#1	.19777	.19908	.19844	15.859	24.117	45.924	.61052
#2	.19766	.19947	.19839	15.848	24.121	45.921	.61053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20169	64.345	.19848	.20044	.19970	.19995	.20241
SDev	.00013	.234	.00040	.00759	.00365	.00010	.00158
%RSD	.06258	.36324	.20354	3.7887	1.8259	.04839	.77942
#1	.20160	64.510	.19877	.20581	.19712	.20001	.20352
#2	.20178	64.180	.19820	.19507	.20228	.19988	.20129
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20473	.20616	.20054	.20442	.20715	.19870	.19683
SDev	.00513	.00164	.00155	.00027	.00181	.00030	.00007
%RSD	2.5069	.79451	.77165	.13356	.87254	.14969	.03708
#1	.20110	.20731	.20163	.20462	.20842	.19849	.19678
#2	.20836	.20500	.19944	.20423	.20587	.19891	.19688
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20383	.05129
SDev	.00538	.00114
%RSD	2.6378	2.2170
#1	.20763	.05209
#2	.20003	.05048
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2918	--	--	--	--	--	--
SDev	10.18244	--	--	--	--	--	--
%RSD	.3490036	--	--	--	--	--	--
#1	2910	--	--	--	--	--	--
#2	2925	--	--	--	--	--	--

Analysis Report 09/26/08 05:53:24 AM page 1

Method: TRACE2 Sample Name: AD854791/SD Operator: AH
Run Time: 09/26/08 05:48:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.751	.20843	.41009	.30173	.19906	90.036	.19743
SDev	.009	.00401	.00264	.00039	.00011	.070	.00016
%RSD	.08502	1.9247	.64323	.13072	.05638	.07753	.07945
#1	10.745	.21127	.40823	.30145	.19914	90.085	.19754
#2	10.758	.20560	.41196	.30201	.19898	89.986	.19732
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19851	.20030	.20041	16.650	24.075	47.204	.64292
SDev	.00044	.00049	.00049	.013	.041	.126	.00112
%RSD	.22357	.24328	.24334	.07583	.16827	.26688	.17506
#1	.19883	.19995	.20076	16.659	24.104	47.293	.64371
#2	.19820	.20064	.20007	16.641	24.047	47.115	.64212
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19959	63.990	.19942	.20672	.21586	.21282	.20418
SDev	.00249	.045	.00051	.00104	.00128	.00051	.00622
%RSD	1.2466	.06997	.25482	.50196	.59212	.23823	3.0472
#1	.19783	64.022	.19978	.20599	.21677	.21318	.19978
#2	.20135	63.958	.19906	.20746	.21496	.21246	.20858
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20710	.19468	.20893	.22253	.20755	.19952	.19983
SDev	.00400	.01213	.00327	.00148	.00609	.00011	.00117
%RSD	1.9337	6.2279	1.5653	.66568	2.9335	.05565	.58506
#1	.20994	.18611	.20662	.22357	.20325	.19945	.20066
#2	.20427	.20326	.21124	.22148	.21186	.19960	.19901
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20643	.05018
SDev	.00327	.00030
%RSD	1.5840	.59010
#1	.20412	.04997
#2	.20874	.05039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2913	--	--	--	--	--	--
SDev	5.197131	--	--	--	--	--	--
%RSD	.1784116	--	--	--	--	--	--
#1	2917	--	--	--	--	--	--
#2	2909	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 06:00:19 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 05:54:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.934	.47656	.49384	.49676	.49260	24.708	.49056
SDev	.001	.00374	.00247	.00012	.00021	.009	.00004
%RSD	.00393	.78399	.50046	.02494	.04298	.03490	.00896
#1	24.934	.47920	.49558	.49684	.49275	24.702	.49052
#2	24.933	.47391	.49209	.49667	.49245	24.714	.49059
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48646	.50714	.48507	24.506	24.580	24.874	.49781
SDev	.00003	.00042	.00029	.020	.058	.003	.00021
%RSD	.00635	.08343	.06068	.08164	.23676	.01077	.04198
#1	.48648	.50684	.48486	24.521	24.621	24.876	.49796
#2	.48644	.50744	.48528	24.492	24.539	24.872	.49766
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49254	24.550	.49643	.49173	.49710	.49532	.50970
SDev	.00320	.323	.00052	.00434	.00258	.00028	.00536
%RSD	.64966	1.3169	.10519	.88251	.51943	.05596	1.0508
#1	.49028	24.778	.49606	.49480	.49528	.49512	.50592
#2	.49480	24.321	.49680	.48867	.49893	.49551	.51349
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50669	.49324	.51794	.50893	.50447	.48734	.49644
SDev	.00194	.00376	.00615	.00013	.00617	.00022	.00010
%RSD	.38220	.76275	1.1880	.02490	1.2231	.04530	.02022
#1	.50532	.49058	.51359	.50902	.50010	.48750	.49651
#2	.50806	.49590	.52229	.50884	.50883	.48718	.49637
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50938	.49612
SDev	.00512	.00075
%RSD	1.0052	.15053
#1	.51300	.49665
#2	.50576	.49559
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2896	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0457763	--	--	--	--	--	--
#1	2895	--	--	--	--	--	--
#2	2897	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 06:05:46 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 06:00:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00543	.00126	.00046	.00013	-.00001	.00159	.00003
SDev	.00140	.00208	.00063	.00007	.00001	.00075	.00003
%RSD	25.746	165.25	136.74	56.392	89.515	47.333	88.424
#1	.00444	.00272	.00091	.00008	-.00001	.00212	.00005
#2	.00642	-.00021	.00002	.00018	-.00002	.00106	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	.00009	.00047	-.00008	-.04067	.00251	-.00000
SDev	.00004	.00020	.00020	.00068	.01699	.00239	.00000
%RSD	43.973	217.79	43.394	820.28	41.781	95.221	39.036
#1	-.00011	-.00005	.00062	-.00057	-.05269	.00420	-.00000
#2	-.00006	.00023	.00033	.00040	-.02866	.00082	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	.20206	.00091	-.00353	-.00050	-.00151	.00149
SDev	.00061	.10696	.00057	.00093	.00132	.00057	.00173
%RSD	24.982	52.933	62.581	26.290	264.20	37.864	115.71
#1	.00201	.12643	.00051	-.00419	.00043	-.00111	.00272
#2	.00287	.27769	.00132	-.00288	-.00143	-.00191	.00027
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00387	.00496	-.00024	.00055	.00219	.00000	-.00001
SDev	.00133	.01199	.00859	.00010	.00430	.00009	.00026
%RSD	34.325	241.54	3560.1	18.697	196.13	2831.8	4342.6
#1	.00293	-.00351	.00583	.00063	-.00085	-.00006	-.00019
#2	.00481	.01344	-.00631	.00048	.00523	.00006	.00018
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00272	.00012
SDev	.00062	.00031
%RSD	22.882	254.31
#1	-.00316	-.00010
#2	-.00228	.00034
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2883	--	--	--	--	--	--
SDev	4.507806	--	--	--	--	--	--
%RSD	.1563765	--	--	--	--	--	--
#1	2886	--	--	--	--	--	--
#2	2879	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854792 Operator: AH
Run Time: 09/26/08 06:05:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02923	.00257	.00588	.00011	-.00011	.08593	.00002
SDev	.00009	.00031	.00022	.00009	.00003	.00350	.00005
%RSD	.31571	12.120	3.7046	77.651	25.009	4.0748	241.16
#1	.02930	.00235	.00604	.00018	-.00013	.08345	-.00002
#2	.02917	.00279	.00573	.00005	-.00009	.08840	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00051	-.00003	.00834	-.00863	.00667	.00009
SDev	.00052	.00079	.00024	.00337	.04140	.00192	.00006
%RSD	798.53	154.46	812.00	40.433	479.82	28.813	63.453
#1	.00044	.00107	.00014	.01072	.02064	.00803	.00013
#2	-.00031	-.00005	-.00020	.00595	-.03790	.00531	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	-.08353	.00029	-.00615	.00063	-.00163	-.00018
SDev	.00103	.13021	.00003	.00023	.00009	.00014	.00134
%RSD	700.48	155.89	11.048	3.8087	14.814	8.5901	723.93
#1	.00058	-.17560	.00027	-.00631	.00056	-.00173	-.00113
#2	-.00087	.00855	.00031	-.00598	.00069	-.00153	.00076
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.01357	-.00706	-.00020	.00271	-.00042	.00132
SDev	.00003	.00134	.00134	.00009	.00556	.00049	.00013
%RSD	1.8161	9.8439	18.940	44.136	205.03	118.28	10.112
#1	.00138	.01263	-.00801	-.00026	.00664	-.00007	.00141
#2	.00141	.01451	-.00612	-.00014	-.00122	-.00077	.00123
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00501	-.00011
SDev	.00040	.00070
%RSD	7.9290	614.80
#1	-.00529	.00038
#2	-.00473	-.00061
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2946	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.4896688	--	--	--	--	--	--
#1	2936	--	--	--	--	--	--
#2	2956	--	--	--	--	--	--

Analysis Report 09/26/08 06:16:39 AM page 1

Method: TRACE2 Sample Name: AD854793 Operator: AH
Run Time: 09/26/08 06:11:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03592	.00219	.00624	.00029	-.00009	.08631	-.00007
SDev	.00257	.00093	.00100	.00010	.00001	.00076	.00004
%RSD	7.1578	42.447	15.951	32.683	12.366	.88340	52.125
#1	.03410	.00153	.00694	.00023	-.00010	.08685	-.00005
#2	.03773	.00284	.00554	.00036	-.00008	.08577	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	.00056	.00014	.00271	-.01820	.00553	.00012
SDev	.00012	.00015	.00000	.00334	.01058	.00597	.00017
%RSD	49.516	27.751	2.6626	123.36	58.148	107.99	144.43
#1	-.00031	.00045	.00014	.00508	-.02568	.00974	.00024
#2	-.00015	.00066	.00014	.00035	-.01072	.00131	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.12273	.00271	-.00193	-.00090	-.00124	-.00128
SDev	.00054	.17093	.00005	.00081	.00261	.00147	.00279
%RSD	946.31	139.28	1.6438	41.728	290.00	118.47	217.62
#1	.00033	.00186	.00274	-.00250	.00095	-.00020	.00069
#2	-.00044	.24360	.00268	-.00136	-.00275	-.00229	-.00325
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00304	.01168	-.00776	.00028	.00387	-.00042	.00177
SDev	.00194	.00400	.00218	.00005	.00506	.00000	.00000
%RSD	63.642	34.220	28.063	17.499	130.68	.18263	.22010
#1	.00441	.01451	-.00622	.00031	.00029	-.00042	.00178
#2	.00167	.00886	-.00930	.00024	.00745	-.00042	.00177
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00052	-.00050
SDev	.00310	.00037
%RSD	599.61	73.160
#1	.00167	-.00024
#2	-.00271	-.00076
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2935	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.1843000	--	--	--	--	--	--
#1	2931	--	--	--	--	--	--
#2	2939	--	--	--	--	--	--

Analysis Report 09/26/08 06:22:04 AM page 1

Method: TRACE2 Sample Name: AD854794 Operator: AH
Run Time: 09/26/08 06:16:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04509	.01450	.09958	.36186	-.00007	143.60	-.00009
SDev	.00001	.00046	.00055	.00018	.00001	.05	.00007
%RSD	.01293	3.1691	.54811	.05089	19.442	.03257	79.646
#1	.04509	.01482	.09997	.36199	-.00009	143.63	-.00004
#2	.04508	.01417	.09920	.36173	-.00006	143.57	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00100	.00122	7.7315	21.142	80.395	3.1639
SDev	.00004	.00042	.00065	.0288	.096	.255	.0058
%RSD	6.3248	42.008	53.130	.37220	.45224	.31767	.18437
#1	.00063	.00129	.00076	7.7519	21.210	80.576	3.1681
#2	.00058	.00070	.00167	7.7112	21.075	80.215	3.1598
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01534	259.98	.01555	-.00108	-.00327	-.00254	.00280
SDev	.00136	.09	.00054	.00030	.00134	.00100	.00268
%RSD	8.8388	.03610	3.4839	27.810	41.058	39.178	95.713
#1	.01630	259.91	.01517	-.00087	-.00232	-.00184	.00091
#2	.01438	260.05	.01594	-.00130	-.00422	-.00324	.00470
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	.01146	-.00152	.00086	-.00028	.00123	.00420
SDev	.00401	.00410	.00197	.00012	.00899	.00049	.00037
%RSD	266.72	35.802	129.45	14.302	3239.8	40.080	8.9197
#1	.00434	.00856	-.00292	.00078	.00608	.00158	.00446
#2	-.00133	.01436	-.00013	.00095	-.00663	.00088	.00393
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00348	-.00022
SDev	.00186	.00021
%RSD	53.493	93.125
#1	-.00479	-.00008
#2	-.00216	-.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2919	--	--	--	--	--	--
SDev	3.818480	--	--	--	--	--	--
%RSD	.1308281	--	--	--	--	--	--
#1	2921	--	--	--	--	--	--
#2	2916	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854795 Operator: AH
Run Time: 09/26/08 06:22:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19433	.02768	1.4751	.28977	.00006	493.94	-.00013
SDev	.00393	.00239	.0034	.00345	.00001	5.09	.00000
%RSD	2.0238	8.6480	.23092	1.1908	10.843	1.0306	2.6297
#1	.19711	.02598	1.4727	.28733	.00005	490.34	-.00013
#2	.19155	.02937	1.4775	.29221	.00006	497.54	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00602	.02066	.00458	1.4904	35.045	194.33	9.3563
SDev	.00029	.00038	.00029	.0074	.033	.13	.0054
%RSD	4.8584	1.8370	6.4229	.49649	.09550	.06574	.05792
#1	.00622	.02039	.00479	1.4851	35.069	194.24	9.3524
#2	.00581	.02093	.00437	1.4956	35.021	194.42	9.3601
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00916	113.43	.02600	.00190	-.00055	.00027	.00082
SDev	.00066	.89	.00044	.00382	.00053	.00092	.00275
%RSD	7.1663	.78285	1.6874	201.76	96.579	345.24	337.01
#1	.00962	112.80	.02631	.00460	-.00092	.00092	.00276
#2	.00869	114.06	.02569	-.00081	-.00017	-.00038	-.00113
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00765	.00752	-.00253	.01297	-.00117	.02149	.03064
SDev	.00185	.01128	.00152	.00035	.00260	.00038	.00045
%RSD	24.222	150.14	59.817	2.7164	223.03	1.7735	1.4735
#1	.00634	.01550	-.00361	.01322	.00067	.02122	.03032
#2	.00896	-.00046	-.00146	.01272	-.00301	.02176	.03096
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00135	-.00031
SDev	.00100	.00056
%RSD	73.770	182.26
#1	.00206	.00009
#2	.00065	-.00071
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2913	--	--	--	--	--	--
SDev	6.576128	--	--	--	--	--	--
%RSD	.2257568	--	--	--	--	--	--
#1	2918	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854796 Operator: AH
Run Time: 09/26/08 06:27:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9293	.04483	3.5330	.99206	.00033	H900.74	-.00002
SDev	.0220	.00111	.0045	.00221	.00003	5.46	.00006
%RSD	1.1396	2.4766	.12781	.22270	9.3553	.60621	230.66
#1	1.9448	.04562	3.5362	.99363	.00035	H904.61	-.00006
#2	1.9137	.04405	3.5298	.99050	.00031	H896.88	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01934	.05829	.01677	27.909	175.85	293.46	11.119
SDev	.00076	.00091	.00062	.092	.28	1.13	.022
%RSD	3.9095	1.5550	3.7025	.32976	.15709	.38539	.19817
#1	.01988	.05893	.01721	27.974	176.04	294.26	11.134
#2	.01881	.05765	.01633	27.844	175.65	292.66	11.103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00642	H414.14	.10189	.01762	.01903	.01856	-.00327
SDev	.00216	1.43	.00058	.00015	.00015	.00005	.00135
%RSD	33.665	.34440	.57001	.84541	.79050	.27326	41.308
#1	.00795	H415.15	.10230	.01752	.01913	.01860	-.00231
#2	.00489	H413.13	.10148	.01773	.01892	.01852	-.00422
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00947	.00930	-.00955	.09911	-.00386	.08697	.15342
SDev	.00354	.00031	.00218	.00149	.00851	.00045	.00084
%RSD	37.394	3.3550	22.825	1.5032	220.44	.51766	.54859
#1	.01197	.00908	-.00801	.09806	-.00988	.08729	.15402
#2	.00696	.00952	-.01109	.10017	.00216	.08665	.15283
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00169	.00005
SDev	.00185	.00007
%RSD	109.67	145.52
#1	.00299	-.00000
#2	.00038	.00010
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2886	--	--	--	--	--	--
SDev	3.765309	--	--	--	--	--	--
%RSD	.1304732	--	--	--	--	--	--
#1	2883	--	--	--	--	--	--
#2	2889	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854797 Operator: AH
Run Time: 09/26/08 06:32:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.2981	.09499	7.9434	1.5119	.00029	17.522	.00002
SDev	.0089	.00169	.0194	.0031	.00001	.029	.00009
%RSD	.20593	1.7800	.24427	.20666	4.5535	.16553	567.08
#1	4.2918	.09619	7.9572	1.5097	.00029	17.501	.00008
#2	4.3043	.09380	7.9297	1.5141	.00030	17.542	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09281	.08910	.06890	24.600	C.00000	22.832	.82993
SDev	.00111	.00039	.00055	.021	.00000	.010	.00143
%RSD	1.1957	.43555	.79420	.08468	.00000	.04359	.17220
#1	.09203	.08883	.06851	24.614	C.00000	22.839	.83094
#2	.09360	.08937	.06928	24.585	C.00000	22.825	.82892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01526	H1828.7	.60633	.01192	.00673	.00846	-.00020
SDev	.00097	4.6	.00189	.00412	.00328	.00082	.00055
%RSD	6.3244	.25166	.31132	34.559	48.703	9.6412	274.14
#1	.01594	H1825.4	.60499	.01483	.00441	.00788	-.00059
#2	.01457	H1831.9	.60766	.00901	.00905	.00904	.00019
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00473	.01643	-.00852	.09909	-.00244	.07286	.12173
SDev	.00156	.00426	.00295	.00039	.00924	.00003	.00034
%RSD	32.921	25.917	34.638	.39762	378.17	.03906	.28312
#1	.00584	.01945	-.01060	.09881	.00409	.07284	.12197
#2	.00363	.01342	-.00643	.09937	-.00898	.07288	.12148
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00587	.00027
SDev	.00151	.00033
%RSD	25.763	122.43
#1	.00694	.00004
#2	.00480	.00050
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2757	--	--	--	--	--	--
SDev	4.348810	--	--	--	--	--	--
%RSD	.1577156	--	--	--	--	--	--
#1	2760	--	--	--	--	--	--
#2	2754	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854798 Operator: AH
Run Time: 09/26/08 06:38:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04502	.00535	.03274	.24129	-.00017	70.254	-.00018
SDev	.00423	.00009	.00267	.00003	.00001	.152	.00002
%RSD	9.3979	1.7253	8.1507	.01369	5.7287	.21603	10.878
#1	.04802	.00529	.03462	.24127	-.00018	70.146	-.00017
#2	.04203	.00542	.03085	.24132	-.00017	70.361	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00033	.00084	.00967	1.6728	29.247	.00226
SDev	.00038	.00042	.00060	.00791	.0293	.039	.00001
%RSD	530.42	129.97	71.955	81.851	1.7535	.13260	.63178
#1	.00034	.00062	.00126	.01526	1.6935	29.219	.00227
#2	-.00019	.00003	.00041	.00407	1.6520	29.274	.00225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00184	14.716	.00086	-.00019	-.00211	-.00147	.00194
SDev	.00194	.232	.00003	.00097	.00014	.00023	.00188
%RSD	105.56	1.5764	3.5210	522.84	6.6213	15.646	97.227
#1	.00321	14.880	.00089	-.00087	-.00202	-.00164	.00060
#2	.00047	14.552	.00084	.00050	-.00221	-.00131	.00327
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.01633	-.00526	.00083	.00556	.00004	.00317
SDev	.00250	.00213	.00389	.00036	.00067	.00016	.00001
%RSD	649.75	13.038	73.883	42.871	12.023	381.77	.21490
#1	-.00138	.01784	-.00801	.00109	.00604	.00016	.00316
#2	.00215	.01482	-.00251	.00058	.00509	-.00007	.00317
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00135	.00069
SDev	.00076	.00061
%RSD	56.017	88.777
#1	-.00082	.00112
#2	-.00188	.00026
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2960	--	--	--	--	--	--
SDev	5.250302	--	--	--	--	--	--
%RSD	.1773533	--	--	--	--	--	--
#1	2964	--	--	--	--	--	--
#2	2957	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854799 Operator: AH
Run Time: 09/26/08 06:43:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04303	.00495	.11084	.12050	-.00009	88.373	.00005
SDev	.00238	.00067	.00087	.00092	.00000	.615	.00001
%RSD	5.5238	13.586	.78160	.76596	2.8312	.69628	26.361
#1	.04471	.00447	.11145	.12115	-.00009	88.809	.00006
#2	.04135	.00542	.11023	.11984	-.00009	87.938	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00071	.00010	.01212	.91072	12.655	.00085
SDev	.00015	.00004	.00061	.00334	.00718	.010	.00009
%RSD	75.903	5.5234	602.25	27.593	.78847	.07582	10.808
#1	.00031	.00074	-.00033	.01448	.90564	12.662	.00079
#2	.00009	.00068	.00053	.00975	.91580	12.649	.00092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	14.051	.00079	-.00348	-.00185	-.00240	.00197
SDev	.00041	.180	.00053	.00117	.00059	.00000	.00244
%RSD	32.512	1.2833	67.069	33.723	31.821	.09428	124.02
#1	.00157	14.179	.00041	-.00265	-.00227	-.00240	.00370
#2	.00098	13.924	.00116	-.00431	-.00144	-.00239	.00024
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.01577	-.00493	.00026	.00323	.00075	.00266
SDev	.00329	.00993	.00130	.00024	.00150	.00017	.00000
%RSD	175.64	62.943	26.369	89.880	46.331	22.265	.10139
#1	.00420	.02279	-.00585	.00010	.00429	.00086	.00266
#2	-.00045	.00875	-.00401	.00043	.00217	.00063	.00266
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00234	-.00006
SDev	.00122	.00040
%RSD	51.946	615.22
#1	-.00320	.00022
#2	-.00148	-.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2937	--	--	--	--	--	--
SDev	2.704822	--	--	--	--	--	--
%RSD	.0920818	--	--	--	--	--	--
#1	2936	--	--	--	--	--	--
#2	2939	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854800 Operator: AH
Run Time: 09/26/08 06:49:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.94120	.00763	.02719	.14539	-.00004	77.194	-.00011
SDev	.00450	.00151	.00071	.00001	.00003	.085	.00000
%RSD	.47785	19.749	2.6204	.00754	68.494	.11052	3.6169
#1	.94438	.00869	.02770	.14538	-.00006	77.134	-.00011
#2	.93801	.00656	.02669	.14540	-.00002	77.255	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00211	.00014	.84599	1.4803	15.549	.02684
SDev	.00004	.00026	.00051	.00632	.0139	.035	.00009
%RSD	8.6214	12.262	362.05	.74656	.93958	.22755	.32492
#1	.00048	.00193	-.00022	.84153	1.4901	15.524	.02690
#2	.00043	.00230	.00050	.85046	1.4705	15.574	.02678
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	12.499	.00128	.00264	-.00325	-.00129	.00491
SDev	.00075	.394	.00074	.00167	.00049	.00023	.00014
%RSD	57.556	3.1554	58.005	63.276	15.096	17.858	2.8499
#1	.00077	12.221	.00076	.00146	-.00290	-.00145	.00481
#2	.00184	12.778	.00181	.00382	-.00359	-.00112	.00501
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00299	.01783	-.00154	.02818	.00191	.00220	.00402
SDev	.00204	.00544	.00293	.00126	.00835	.00025	.00064
%RSD	68.251	30.514	189.68	4.4767	436.94	11.243	15.816
#1	.00155	.02168	-.00362	.02729	.00781	.00202	.00447
#2	.00444	.01398	.00053	.02907	-.00399	.00237	.00357
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00161	.00047
SDev	.00217	.00053
%RSD	134.86	113.82
#1	-.00315	.00009
#2	-.00007	.00084
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2920	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0454036	--	--	--	--	--	--
#1	2919	--	--	--	--	--	--
#2	2921	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854801 Operator: AH
Run Time: 09/26/08 06:54:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08972	.00078	.04834	.05373	-.00004	109.00	-.00008
SDev	.00316	.00361	.00148	.00010	.00000	.11	.00002
%RSD	3.5280	464.07	3.0601	.17718	6.8929	.10105	19.964
#1	.08748	-.00178	.04729	.05366	-.00004	109.08	-.00009
#2	.09196	.00333	.04938	.05379	-.00004	108.92	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00062	.00051	.04470	1.2233	34.058	.00730
SDev	.00011	.00063	.00117	.01294	.0064	.008	.00006
%RSD	33.354	101.53	229.56	28.947	.52294	.02401	.82138
#1	.00026	.00017	-.00032	.03555	1.2278	34.063	.00726
#2	.00042	.00106	.00133	.05385	1.2188	34.052	.00734
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	36.715	.00076	-.00567	.00130	-.00102	.00390
SDev	.00092	.342	.00040	.00003	.00047	.00030	.00632
%RSD	133.86	.93278	52.192	.49824	35.919	29.750	161.80
#1	.00004	36.472	.00048	-.00565	.00097	-.00123	.00837
#2	.00133	36.957	.00105	-.00569	.00163	-.00080	-.00056
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00149	.00746	.00213	.00253	.00184	.00070	.00432
SDev	.00594	.00055	.00920	.00049	.00064	.00059	.00052
%RSD	398.06	7.3202	432.78	19.398	34.527	83.550	12.124
#1	-.00570	.00785	.00863	.00218	.00139	.00029	.00395
#2	.00271	.00707	-.00438	.00287	.00229	.00112	.00469
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00495	-.00039
SDev	.00204	.00095
%RSD	41.299	243.20
#1	-.00640	-.00106
#2	-.00350	.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2905	--	--	--	--	--	--
SDev	8.750446	--	--	--	--	--	--
%RSD	.3012267	--	--	--	--	--	--
#1	2911	--	--	--	--	--	--
#2	2899	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 07:06:56 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 07:01:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.027	.47892	.49415	.50033	.49344	24.729	.48858
SDev	.104	.00286	.00050	.00178	.00196	.115	.00042
%RSD	.41528	.59813	.10034	.35664	.39683	.46359	.08609
#1	24.953	.48095	.49450	.49907	.49206	24.648	.48888
#2	25.100	.47690	.49380	.50159	.49483	24.810	.48829
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48377	.50496	.48704	24.342	24.669	24.750	.49568
SDev	.00076	.00007	.00231	.032	.057	.049	.00100
%RSD	.15738	.01377	.47504	.12987	.23106	.19852	.20185
#1	.48431	.50500	.48541	24.364	24.709	24.785	.49639
#2	.48323	.50491	.48868	24.319	24.628	24.716	.49497
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49042	24.723	.49640	.49045	.49563	.49391	.51336
SDev	.00288	.275	.00236	.00766	.00679	.00198	.00673
%RSD	.58751	1.1124	.47540	1.5622	1.3692	.39989	1.3103
#1	.48838	24.918	.49473	.49587	.49083	.49251	.51812
#2	.49246	24.529	.49807	.48503	.50043	.49530	.50860
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50528	.49466	.52272	.51149	.50508	.48649	.49372
SDev	.00033	.01617	.00200	.00208	.01034	.00028	.00118
%RSD	.06513	3.2694	.38336	.40598	2.0469	.05661	.23902
#1	.50505	.50610	.52413	.51002	.49777	.48630	.49456
#2	.50551	.48323	.52130	.51296	.51239	.48668	.49289
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49954	.49527
SDev	.00278	.00090
%RSD	.55737	.18139
#1	.49757	.49590
#2	.50151	.49463
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2890	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1761333	--	--	--	--	--	--
#1	2894	--	--	--	--	--	--
#2	2887	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 07:12:22 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 07:07:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00659	.00218	.00192	.00019	-.00002	.00406	-.00003
SDev	.00363	.00477	.00013	.00001	.00002	.00024	.00018
%RSD	55.083	218.43	6.9381	4.9059	75.251	5.9201	523.88
#1	.00402	-.00119	.00202	.00019	-.00003	.00423	-.00016
#2	.00916	.00555	.00183	.00020	-.00001	.00389	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	-.00009	-.00002	-.00295	-.02139	.00310	.00001
SDev	.00007	.00004	.00010	.00068	.00264	.00233	.00002
%RSD	17.132	41.050	484.14	23.059	12.342	75.020	152.98
#1	-.00038	-.00007	-.00009	-.00247	-.01953	.00475	-.00000
#2	-.00048	-.00012	.00005	-.00343	-.02326	.00146	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.04114	.00081	-.00095	-.00089	-.00091	-.00023
SDev	.00131	.17645	.00033	.00269	.00043	.00061	.00345
%RSD	93.237	428.87	41.145	283.42	47.975	67.488	1533.8
#1	.00233	-.08362	.00058	.00095	-.00119	-.00048	.00222
#2	.00048	.16591	.00105	-.00286	-.00059	-.00134	-.00267
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.01122	-.00595	.00053	.00343	-.00083	-.00019
SDev	.00236	.00690	.00863	.00001	.00786	.00091	.00000
%RSD	88.253	61.566	145.18	2.0105	229.17	110.59	.08945
#1	.00101	.00633	.00016	.00053	.00899	-.00147	-.00019
#2	.00435	.01610	-.01205	.00052	-.00213	-.00018	-.00019
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00408	-.00028
SDev	.00062	.00010
%RSD	15.099	37.405
#1	-.00365	-.00020
#2	-.00452	-.00035
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2903	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.2374864	--	--	--	--	--	--
#1	2898	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

Analysis Report 09/26/08 07:17:49 AM page 1

Method: TRACE2 Sample Name: AD854802 Operator: AH
Run Time: 09/26/08 07:12:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02672	.00505	.00674	-.00001	-.00010	.06776	.00009
SDev	.00164	.00129	.00064	.00002	.00000	.00201	.00005
%RSD	6.1389	25.469	9.4587	157.91	1.0250	2.9707	47.272
#1	.02556	.00414	.00719	-.00003	-.00010	.06633	.00006
#2	.02788	.00596	.00629	.00000	-.00010	.06918	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00073	.00041	.01304	-.01368	.00853	.00017
SDev	.00019	.00056	.00018	.00598	.02484	.00013	.00002
%RSD	40.638	76.297	44.586	45.813	181.63	1.5291	10.864
#1	.00060	.00112	.00053	.00882	.00389	.00862	.00016
#2	.00033	.00034	.00028	.01727	-.03125	.00844	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.16629	.00077	-.00656	.00260	-.00045	.00113
SDev	.00013	.00506	.00011	.00603	.00074	.00152	.00443
%RSD	30.847	3.0429	14.579	91.857	28.311	338.16	393.37
#1	.00032	.16987	.00085	-.00230	.00208	.00062	.00425
#2	.00051	.16271	.00069	-.01082	.00313	-.00152	-.00200
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	-.00144	.00241	-.00010	-.00202	.00005	.00257
SDev	.00049	.01056	.00136	.00013	.00027	.00016	.00012
%RSD	48.907	733.84	56.339	131.72	13.402	353.47	4.7892
#1	-.00065	.00603	.00337	-.00001	-.00183	.00016	.00248
#2	-.00135	-.00891	.00145	-.00018	-.00222	-.00007	.00266
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00727	.00012
SDev	.00516	.00013
%RSD	70.976	107.91
#1	-.00362	.00022
#2	L-.01092	.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2941	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.1045906	--	--	--	--	--	--
#1	2939	--	--	--	--	--	--
#2	2943	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 07:24:44 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 09/26/08 07:19:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.944	.47862	.49399	.49845	.49135	24.656	.48810
SDev	.033	.00405	.00016	.00061	.00073	.009	.00042
%RSD	.13101	.84658	.03181	.12180	.14932	.03731	.08648
#1	24.967	.48149	.49410	.49888	.49187	24.663	.48780
#2	24.921	.47576	.49388	.49802	.49083	24.650	.48840
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48357	.50400	.48432	24.306	24.644	24.760	.49502
SDev	.00163	.00076	.00002	.023	.058	.021	.00009
%RSD	.33761	.15139	.00415	.09422	.23522	.08649	.01800
#1	.48242	.50346	.48434	24.322	24.685	24.745	.49508
#2	.48472	.50454	.48431	24.289	24.603	24.775	.49496
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48981	24.561	.49429	.48825	.49245	.49105	.50554
SDev	.00149	.088	.00112	.00169	.00224	.00094	.01023
%RSD	.30454	.35652	.22741	.34518	.45571	.19054	2.0235
#1	.48875	24.499	.49349	.48944	.49086	.49039	.49831
#2	.49086	24.623	.49508	.48706	.49404	.49171	.51278
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50337	.48839	.51413	.50993	.50337	.48540	.49352
SDev	.00365	.00674	.01197	.00006	.01222	.00099	.00002
%RSD	.72519	1.3806	2.3289	.01148	2.4278	.20374	.00389
#1	.50078	.48363	.50566	.50989	.49473	.48470	.49354
#2	.50595	.49316	.52259	.50997	.51202	.48610	.49351
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49786	.49424
SDev	.00327	.00024
%RSD	.65579	.04913
#1	.50017	.49441
#2	.49555	.49407
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2898	--	--	--	--	--	--
SDev	5.886802	--	--	--	--	--	--
%RSD	.2031306	--	--	--	--	--	--
#1	2902	--	--	--	--	--	--
#2	2894	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 09/26/08 07:24:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00568	.00095	.00200	.00021	.00005	.00848	.00001
SDev	.00016	.00071	.00052	.00005	.00001	.00118	.00007
%RSD	2.7880	74.542	25.969	21.873	22.111	13.873	1177.3
#1	.00579	.00145	.00163	.00025	.00006	.00931	-.00004
#2	.00557	.00045	.00237	.00018	.00004	.00765	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00005	-.00028	.00040	-.01223	.00889	.00015
SDev	.00031	.00030	.00055	.00271	.00858	.00109	.00010
%RSD	143.83	567.42	194.02	673.62	70.138	12.282	64.487
#1	.00043	.00027	.00010	.00232	-.01830	.00812	.00021
#2	-.00000	-.00016	-.00067	-.00152	-.00617	.00967	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	.28067	.00043	.00238	-.00221	-.00068	.00154
SDev	.00013	.07176	.00027	.00021	.00251	.00174	.00403
%RSD	8.2730	25.568	63.285	8.7346	113.36	255.35	262.19
#1	.00149	.33141	.00062	.00253	-.00044	.00055	.00438
#2	.00167	.22992	.00023	.00223	-.00398	-.00191	-.00131
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00440	.01723	-.00631	.00062	.00467	-.00047	-.00010
SDev	.00364	.00551	.00328	.00053	.00921	.00042	.00013
%RSD	82.794	31.995	52.007	85.732	197.13	88.848	132.96
#1	.00697	.02113	-.00399	.00099	.01119	-.00018	-.00019
#2	.00182	.01333	-.00863	.00024	-.00184	-.00077	-.00001
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00142	.00063
SDev	.00331	.00061
%RSD	233.50	97.184
#1	-.00092	.00020
#2	.00375	.00106
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2881	--	--	--	--	--	--
SDev	.9014921	--	--	--	--	--	--
%RSD	.0312884	--	--	--	--	--	--
#1	2881	--	--	--	--	--	--
#2	2882	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: ~~AH~~ SW 9/29/08

Primary Review: AH Date: 9/29/08 Secondary Review: TWS Date: 9/29/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-115-A	A092608	TRACE2	09/26/08	09:02		X	IR
2	STD 1 12-115-C	A092608	TRACE2	09/26/08	09:07		X	IR
3	STD 2 12-115-D	A092608	TRACE2	09/26/08	09:12		X	IR
4	STD 3 12-115-B	A092608	TRACE2	09/26/08	09:17		X	IR
5	STD 3 VER 1 AH 9/29/08	A092608	TRACE2	09/26/08	09:22	SW	B	CONC
6	ICV 12-115-E	A092608	TRACE2	09/26/08	09:27	SW	Q	CONC
7	ICB 12-115-A	A092608	TRACE2	09/26/08	09:32	SW	B	CONC
8	CRI 12-120-A	A092608	TRACE2	09/26/08	09:38	SW	B	CONC
9	ICSA ~~12-110-B~~ AH 9/29/08 12-124-B	A092608	TRACE2	09/26/08	09:43	SW	Q	CONC
10	ICSAB ~~12-110-C~~ 12-124-C	A092608	TRACE2	09/26/08	09:48	SW	Q	CONC
11	CCV 12-119-E	A092608	TRACE2	09/26/08	09:55	SW	Q	CONC
12	CCB 12115-A	A092608	TRACE2	09/26/08	10:00	SW	B	CONC
13	AD854828/PB	A092608	TRACE2	09/26/08	10:05	SW	S	CONC
14	AD854827/FB B631	A092608	TRACE2	09/26/08	10:10	SW	S	CONC
15	AD854805	A092608	TRACE2	09/26/08	10:16	SW	S	CONC
16	AD854806	A092608	TRACE2	09/26/08	10:21	SW	S	CONC
17	AD854809	A092608	TRACE2	09/26/08	10:26	SW	S	CONC
18	AD854809/L (1:5)	A092608	TRACE2	09/26/08	10:31	SW	S	CONC
19	AD854809/PS	A092608	TRACE2	09/26/08	10:37	SW	S	CONC
20	AD854853/MS	A092608	TRACE2	09/26/08	10:42	SW	S	CONC
21	AD854854/SD	A092608	TRACE2	09/26/08	10:47	SW	S	CONC
22	AD854810	A092608	TRACE2	09/26/08	10:52	SW	S	CONC
23	CCV	A092608	TRACE2	09/26/08	10:59	SW	Q	CONC
24	CCB	A092608	TRACE2	09/26/08	11:04	SW	B	CONC
25	AD854811	A092608	TRACE2	09/26/08	11:09	SW	S	CONC
26	AD854812	A092608	TRACE2	09/26/08	11:15	SW	S	CONC
27	AD854813	A092608	TRACE2	09/26/08	11:20	SW	S	CONC
28	AD854814	A092608	TRACE2	09/26/08	11:25	SW	S	CONC
29	AD854815	A092608	TRACE2	09/26/08	11:30	SW	S	CONC
30	AD854816 B664	A092608	TRACE2	09/26/08	11:36	SW	S	CONC
31	AD854817 B686	A092608	TRACE2	09/26/08	11:41	SW	S	CONC
32	AD854818 B689	A092608	TRACE2	09/26/08	11:46	SW	S	CONC
33	AD854819	A092608	TRACE2	09/26/08	11:51	SW	S	CONC
34	AD854820	A092608	TRACE2	09/26/08	11:57	SW	S	CONC
35	CCV	A092608	TRACE2	09/26/08	12:03	SW	Q	CONC
36	CCB	A092608	TRACE2	09/26/08	12:08	SW	B	CONC
37	AD854821	A092608	TRACE2	09/26/08	12:14	SW	S	CONC
38	AD854822	A092608	TRACE2	09/26/08	12:19	SW	S	CONC
39	AD854823	A092608	TRACE2	09/26/08	12:24	SW	S	CONC
40	AD854824	A092608	TRACE2	09/26/08	12:29	SW	S	CONC
41	AD854825	A092608	TRACE2	09/26/08	12:35	SW	S	CONC
42	AD854826	A092608	TRACE2	09/26/08	12:45	SW	S	CONC
43	AD854317/PB	A092608	TRACE2	09/26/08	12:54	SW	S	CONC
44	AD854296/(1:5) B594	A092608	TRACE2	09/26/08	12:59	SW	S	CONC
45	AD854296/L (1:25)	A092608	TRACE2	09/26/08	13:04	SW	S	CONC
46	AD854296/PS (1:5)	A092608	TRACE2	09/26/08	13:10	SW	S	CONC
47	CCV	A092608	TRACE2	09/26/08	13:16	SW	Q	CONC
48	CCB	A092608	TRACE2	09/26/08	13:22	SW	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD854297/MS (1:5)	A092608	TRACE2	09/26/08	13:27	SW	S	CONC
50	AD854298/SD (1:5)	A092608	TRACE2	09/26/08	13:32	SW	S	CONC
51	AD854300/(1:5)	A092608	TRACE2	09/26/08	13:37	SW	S	CONC
52	AD854302/(1:5)	A092608	TRACE2	09/26/08	13:43	SW	S	CONC
53	AD854943/CLPSL	A092608	TRACE2	09/26/08	13:50	SW	S	CONC
54	AD854934/(1:5) B729	A092608	TRACE2	09/26/08	13:56	SW	S	CONC
55	AD854934/L (1:25)	A092608	TRACE2	09/26/08	14:01	SW	S	CONC
56	AD854934/PS (1:5)	A092608	TRACE2	09/26/08	14:06	SW	S	CONC
57	AD854935/MS (1:5)	A092608	TRACE2	09/26/08	14:11	SW	S	CONC
58	AD854936/SD (1:5)	A092608	TRACE2	09/26/08	14:17	SW	S	CONC
59	CCV	A092608	TRACE2	09/26/08	14:23	SW	Q	CONC
60	CCV	A092608	TRACE2	09/26/08	14:30	SW	Q	CONC
61	CCB	A092608	TRACE2	09/26/08	14:35	SW	B	CONC
62	AD854937/(1:5)	A092608	TRACE2	09/26/08	14:40	SW	S	CONC
63	AD854938/(1:5)	A092608	TRACE2	09/26/08	14:46	SW	S	CONC
64	AD854940/(1:5)	A092608	TRACE2	09/26/08	14:51	SW	S	CONC
65	AD854797/(1:10) B683	A092608	TRACE2	09/26/08	15:29	SW	S	CONC
66	AD854796/(1:5) B682	A092608	TRACE2	09/26/08	15:35	SW	S	CONC
67	AD854314/(1:5) B615	A092608	TRACE2	09/26/08	15:43	SW	S	CONC
68	AD854315/(1:5)	A092608	TRACE2	09/26/08	15:48	SW	S	CONC
69	AD854428/(1:5) B633	A092608	TRACE2	09/26/08	15:54	SW	S	CONC
70	AD854429/(1:5)	A092608	TRACE2	09/26/08	15:59	SW	S	CONC
71	AD855199/PB	A092608	TRACE2	09/26/08	16:04	SW	S	CONC
72	CCV	A092608	TRACE2	09/26/08	16:11	SW	Q	CONC
73	CCB	A092608	TRACE2	09/26/08	16:16	SW	B	CONC
74	AD855198/LCS	A092608	TRACE2	09/26/08	16:21	SW	S	CONC
75	AD855197/EBLK	A092608	TRACE2	09/26/08	16:27	SW	S	CONC
76	AD855189 BS07	A092608	TRACE2	09/26/08	16:32	SW	S	CONC
77	AD855190	A092608	TRACE2	09/26/08	16:37	SW	S	CONC
78	AD855191	A092608	TRACE2	09/26/08	16:42	SW	S	CONC
79	AD855192 BS10	A092608	TRACE2	09/26/08	16:48	SW	S	CONC
80	AD855193 B526	A092608	TRACE2	09/26/08	16:53	SW	S	CONC
81	AD855193/L (1:5)	A092608	TRACE2	09/26/08	16:58	SW	S	CONC
82	AD855193/PS	A092608	TRACE2	09/26/08	17:03	SW	S	CONC
83	AD855194/MS	A092608	TRACE2	09/26/08	17:09	SW	S	CONC
84	CCV	A092608	TRACE2	09/26/08	17:15	SW	Q	CONC
85	CCB	A092608	TRACE2	09/26/08	17:20	SW	B	CONC
86	AD855195/SD	A092608	TRACE2	09/26/08	17:26	SW	S	CONC
87	AD855196 B574	A092608	TRACE2	09/26/08	17:31	SW	S	CONC
88	AD854911/(1:5) B681	A092608	TRACE2	09/26/08	17:36	SW	S	CONC
89	AD854912/(1:5)	A092608	TRACE2	09/26/08	17:41	SW	S	CONC
90	AD854903/(1:5) B680	A092608	TRACE2	09/26/08	17:47	SW	S	CONC
91	AD854904/(1:5)	A092608	TRACE2	09/26/08	17:52	SW	S	CONC
92	AD854905/(1:5)	A092608	TRACE2	09/26/08	17:57	SW	S	CONC
93	AD854717/(1:5) B622	A092608	TRACE2	09/26/08	18:03	SW	S	CONC
94	AD854773/(1:50) B667	A092608	TRACE2	09/26/08	18:08	SW	S	CONC
95	CCV	A092608	TRACE2	09/26/08	18:14	SW	Q	CONC
96	CCB	A092608	TRACE2	09/26/08	18:20	SW	B	CONC
97	STD BLK	A092608	TRACE2	09/26/08	18:36		X	IR
98	STD 1	A092608	TRACE2	09/26/08	18:42		X	IR
99	STD 2	A092608	TRACE2	09/26/08	18:46		X	IR
100	STD 3	A092608	TRACE2	09/26/08	18:51		X	IR
101	STD 3 VER	A092608	TRACE2	09/26/08	18:56	SW	B	CONC
102	ICV	A092608	TRACE2	09/26/08	19:02	SW	Q	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICB	A092608	TRACE2	09/26/08	19:07	SW	B	CONC
104	CRI	A092608	TRACE2	09/26/08	19:12	SW	B	CONC
105	ICSA	A092608	TRACE2	09/26/08	19:17	SW	Q	CONC
106	ICSAB	A092608	TRACE2	09/26/08	19:23	SW	Q	CONC
107	CCV	A092608	TRACE2	09/26/08	19:29	SW	Q	CONC
108	CCB	A092608	TRACE2	09/26/08	19:34	SW	B	CONC
109	AD854774/(1:5) B668	A092608	TRACE2	09/26/08	19:40	SW	S	CONC
110	AD854775/(1:5)	A092608	TRACE2	09/26/08	19:45	SW	S	CONC
111	AD854776/(1:5)	A092608	TRACE2	09/26/08	19:50	SW	S	CONC
112	AD855023/PB	A092608	TRACE2	09/26/08	19:56	SW	S	CONC
113	AD855022/FB	A092608	TRACE2	09/26/08	20:01	SW	S	CONC
114	AD855021/PB	A092608	TRACE2	09/26/08	20:06	SW	S	CONC
115	AD855020/FB B625	A092608	TRACE2	09/26/08	20:11	SW	S	CONC
116	AD855002	A092608	TRACE2	09/26/08	20:17	SW	S	CONC
117	AD855003	A092608	TRACE2	09/26/08	20:22	SW	S	CONC
118	AD855004	A092608	TRACE2	09/26/08	20:27	SW	S	CONC
119	CCV	A092608	TRACE2	09/26/08	20:34	SW	Q	CONC
120	CCB	A092608	TRACE2	09/26/08	20:39	SW	B	CONC
121	AD855014 B711	A092608	TRACE2	09/26/08	20:44	SW	S	CONC
122	AD855015	A092608	TRACE2	09/26/08	20:50	SW	S	CONC
123	AD855005 B706	A092608	TRACE2	09/26/08	20:55	SW	S	CONC
124	AD855005/L (1:5)	A092608	TRACE2	09/26/08	21:00	SW	S	CONC
125	AD855005/PS	A092608	TRACE2	09/26/08	21:05	SW	S	CONC
126	AD855006/MS	A092608	TRACE2	09/26/08	21:11	SW	S	CONC
127	AD855007/SD	A092608	TRACE2	09/26/08	21:16	SW	S	CONC
128	AD855008	A092608	TRACE2	09/26/08	21:21	SW	S	CONC
129	AD855009	A092608	TRACE2	09/26/08	21:26	SW	S	CONC
130	AD855010	A092608	TRACE2	09/26/08	21:32	SW	S	CONC
131	CCV	A092608	TRACE2	09/26/08	21:38	SW	Q	CONC
132	CCB	A092608	TRACE2	09/26/08	21:44	SW	B	CONC
133	AD855011	A092608	TRACE2	09/26/08	21:49	SW	S	CONC
134	AD855012	A092608	TRACE2	09/26/08	21:54	SW	S	CONC
135	AD855013	A092608	TRACE2	09/26/08	21:59	SW	S	CONC
136	AD855016 B723	A092608	TRACE2	09/26/08	22:05	SW	S	CONC
137	AD855017	A092608	TRACE2	09/26/08	22:10	SW	S	CONC
138	AD855018 B727	A092608	TRACE2	09/26/08	22:15	SW	S	CONC
139	AD855019	A092608	TRACE2	09/26/08	22:20	SW	S	CONC
140	AD855222/PB	A092608	TRACE2	09/26/08	22:26	SW	S	CONC
141	AD855221/FB	A092608	TRACE2	09/26/08	22:31	SW	S	CONC
142	AD855200 B713	A092608	TRACE2	09/26/08	22:36	SW	S	CONC
143	CCV	A092608	TRACE2	09/26/08	22:43	SW	Q	CONC
144	CCB	A092608	TRACE2	09/26/08	22:48	SW	B	CONC
145	AD855201	A092608	TRACE2	09/26/08	22:53	SW	S	CONC
146	AD855202	A092608	TRACE2	09/26/08	22:59	SW	S	CONC
147	AD855203	A092608	TRACE2	09/26/08	23:04	SW	S	CONC
148	AD855204	A092608	TRACE2	09/26/08	23:09	SW	S	CONC
149	AD855205	A092608	TRACE2	09/26/08	23:14	SW	S	CONC
150	AD855206	A092608	TRACE2	09/26/08	23:20	SW	S	CONC
151	AD855207 B749	A092608	TRACE2	09/26/08	23:25	SW	S	CONC
152	AD855208	A092608	TRACE2	09/26/08	23:30	SW	S	CONC
153	AD855209	A092608	TRACE2	09/26/08	23:36	SW	S	CONC
154	AD855209/L (1:5)	A092608	TRACE2	09/26/08	23:41	SW	S	CONC
155	CCV	A092608	TRACE2	09/26/08	23:48	SW	Q	CONC
156	CCB	A092608	TRACE2	09/26/08	23:53	SW	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD855209/PS	A092608	TRACE2	09/26/08	23:58	SW	S	CONC
158	AD855210/MS	A092608	TRACE2	09/27/08	00:03	SW	S	CONC
159	AD855211/SD	A092608	TRACE2	09/27/08	00:09	SW	S	CONC
160	AD855212	A092608	TRACE2	09/27/08	00:14	SW	S	CONC
161	AD855213	A092608	TRACE2	09/27/08	00:19	SW	S	CONC
162	AD855214	A092608	TRACE2	09/27/08	00:24	SW	S	CONC
163	AD855215	A092608	TRACE2	09/27/08	00:30	SW	S	CONC
164	AD855216 B752	A092608	TRACE2	09/27/08	00:35	SW	S	CONC
165	AD855217	A092608	TRACE2	09/27/08	00:40	SW	S	CONC
166	AD855218	A092608	TRACE2	09/27/08	00:46	SW	S	CONC
167	CCV	A092608	TRACE2	09/27/08	00:52	SW	Q	CONC
168	CCB	A092608	TRACE2	09/27/08	00:58	SW	B	CONC
169	AD855219 B763	A092608	TRACE2	09/27/08	01:03	SW	S	CONC
170	AD855220 B766	A092608	TRACE2	09/27/08	01:08	SW	S	CONC
171	STD BLK	A092608	TRACE2	09/27/08	01:18		X	IR
172	STD 1	A092608	TRACE2	09/27/08	01:23		X	IR
173	STD 2	A092608	TRACE2	09/27/08	01:28		X	IR
174	STD 3	A092608	TRACE2	09/27/08	01:33		X	IR
175	STD 3 VER	A092608	TRACE2	09/27/08	01:38	SW	B	CONC
176	ICV	A092608	TRACE2	09/27/08	01:43	SW	Q	CONC
177	ICB	A092608	TRACE2	09/27/08	01:49	SW	B	CONC
178	CRI	A092608	TRACE2	09/27/08	01:54	SW	B	CONC
179	ICSA	A092608	TRACE2	09/27/08	01:59	SW	Q	CONC
180	ICSAB	A092608	TRACE2	09/27/08	02:04	SW	Q	CONC
181	CCV	A092608	TRACE2	09/27/08	02:11	SW	Q	CONC
182	CCB	A092608	TRACE2	09/27/08	02:16	SW	B	CONC
183	AD854714/PB	A092608	TRACE2	09/27/08	02:22	SW	S	CONC
184	AD854713/FB B608	A092608	TRACE2	09/27/08	02:27	SW	S	CONC
185	AD854698	A092608	TRACE2	09/27/08	02:32	SW	S	CONC
186	AD854699	A092608	TRACE2	09/27/08	02:37	SW	S	CONC
187	AD854700 B609	A092608	TRACE2	09/27/08	02:43	SW	S	CONC
188	AD854701	A092608	TRACE2	09/27/08	02:48	SW	S	CONC
189	AD854701/L (1:5)	A092608	TRACE2	09/27/08	02:53	SW	S	CONC
190	AD854701/PS	A092608	TRACE2	09/27/08	02:58	SW	S	CONC
191	AD854702/MD	A092608	TRACE2	09/27/08	03:04	SW	S	CONC
192	AD854703/MS	A092608	TRACE2	09/27/08	03:09	SW	S	CONC
193	CCV	A092608	TRACE2	09/27/08	03:16	SW	Q	CONC
194	CCB	A092608	TRACE2	09/27/08	03:21	SW	B	CONC
195	AD854704	A092608	TRACE2	09/27/08	03:26	SW	S	CONC
196	AD854705 B657	A092608	TRACE2	09/27/08	03:32	SW	S	CONC
197	AD854706	A092608	TRACE2	09/27/08	03:37	SW	S	CONC
198	AD854707	A092608	TRACE2	09/27/08	03:42	SW	S	CONC
199	AD854708	A092608	TRACE2	09/27/08	03:47	SW	S	CONC
200	AD854710	A092608	TRACE2	09/27/08	03:53	SW	S	CONC
201	AD854711	A092608	TRACE2	09/27/08	03:58	SW	S	CONC
202	CRI	A092608	TRACE2	09/27/08	04:08	SW	B	CONC
203	ICSA	A092608	TRACE2	09/27/08	04:14	SW	Q	CONC
204	ICSAB	A092608	TRACE2	09/27/08	04:19	SW	Q	CONC
205	CCV	A092608	TRACE2	09/27/08	04:26	SW	Q	CONC
206	CCB	A092608	TRACE2	09/27/08	04:31	SW	B	CONC
207	AD855241/PB	A092608	TRACE2	09/27/08	04:36	SW	S	CONC
208	AD855240/FB	A092608	TRACE2	09/27/08	04:41	SW	S	CONC
209	AD855223 B773	A092608	TRACE2	09/27/08	04:47	SW	S	CONC
210	AD855224	A092608	TRACE2	09/27/08	04:52	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD855225	A092608	TRACE2	09/27/08	04:57	SW	S	CONC
212	AD855225/L (1:5)	A092608	TRACE2	09/27/08	05:03	SW	S	CONC
213	AD855225/PS	A092608	TRACE2	09/27/08	05:08	SW	S	CONC
214	AD855226	A092608	TRACE2	09/27/08	05:13	SW	S	CONC
215	AD855227/MS	A092608	TRACE2	09/27/08	05:18	SW	S	CONC
216	AD855228/SD	A092608	TRACE2	09/27/08	05:24	SW	S	CONC
217	CCV	A092608	TRACE2	09/27/08	05:30	SW	Q	CONC
218	CCB	A092608	TRACE2	09/27/08	05:36	SW	B	CONC
219	AD855229	A092608	TRACE2	09/27/08	05:41	SW	S	CONC
220	AD855230	A092608	TRACE2	09/27/08	05:46	SW	S	CONC
221	AD855231	A092608	TRACE2	09/27/08	05:51	SW	S	CONC
222	AD855232	A092608	TRACE2	09/27/08	05:57	SW	S	CONC
223	AD855233	A092608	TRACE2	09/27/08	06:02	SW	S	CONC
224	AD855234	A092608	TRACE2	09/27/08	06:07	SW	S	CONC
225	AD855235	A092608	TRACE2	09/27/08	06:13	SW	S	CONC
226	AD855236	A092608	TRACE2	09/27/08	06:18	SW	S	CONC
227	AD855237	A092608	TRACE2	09/27/08	06:23	SW	S	CONC
228	AD855238	A092608	TRACE2	09/27/08	06:28	SW	S	CONC
229	CCV	A092608	TRACE2	09/27/08	06:35	SW	Q	CONC
230	CCB	A092608	TRACE2	09/27/08	06:40	SW	B	CONC
231	AD855239	A092608	TRACE2	09/27/08	06:45	SW	S	CONC
232	CRI	A092608	TRACE2	09/27/08	06:56	SW	B	CONC
233	ICSA	A092608	TRACE2	09/27/08	07:01	SW	Q	CONC
234	ICSAB	A092608	TRACE2	09/27/08	07:07	SW	Q	CONC
235	CCV	A092608	TRACE2	09/27/08	07:12	SW	Q	CONC
236	CCB	A092608	TRACE2	09/27/08	07:17	SW	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.08271	8.60724	42.9859	86.4671	50.748	18.966
2	As1890	.03711	.50139	2.34236	4.59042	.99933	.36272
3	B_2496	.09018	1.57148	7.63511	15.2057	1.0109	.37294
4	Ba4934	.00813	4.77228	23.9366	48.0176	1.0103	.37705
5	Be3130	.28745	8.30179	40.695	80.1918	1.0039	.37384
6	Ca3179	.02469			62.8946	50.751	18.825
7	Cd2265	.00504	11.6449	57.8417	114.17	.99533	.36980
8	Co2286	-.00259	.65159	3.28165	6.51534	1.0007	.36728
9	Cr2677	.00602	1.91537	9.59821	19.0802	1.0015	.38319
10	Cu3247	.03705	.99306	4.92834	9.85635	1.0171	.36734
11	Fe2714	.0013	1.86885	9.35683	18.5738	50.073	18.518
12	K_7664	-.10472			72.7142	50.322	18.579
13	Mg2790	.02811			114.416	50.576	18.865
14	Mn2576	.00178	1.34115	6.71028	13.3473	.99997	.37574
15	Mo2020	.00406	.95607	4.78527	9.52842	1.0045	.37418
16	Na3302	.00261			3.07649	50.296	18.647
17	Ni2316	-.02791	5.13039	26.0584	51.4476	1.0044	.37709
18	2203/1	-.04873	1.32661	6.28791	12.3691	.96734	.36495
19	2203/2	.04355	1.35116	7.14275	14.0409	1.0282	.38330
20	Sb2068	-.0021	.33952	1.74239	3.49992	1.0071	.38364
21	1960/1	-.03331	.29139	1.60762	3.18135	1.0029	.37455
22	1960/2	.00129	.59473	2.93513	5.76405	.99595	.37280
23	Ti3372	.10352	5.61287	27.6825	55.1454	1.0066	.38447
24	Tl1908	.00029	.25836	1.29286	2.59275	1.0119	.37852
25	V_2924	.00227	.29478	1.47741	2.94571	1.0044	.36807
26	Zn2062	.00081	.19496	.97544	1.91684	.99902	.37576
27	Sn1899	-.02002	1.28703	6.39143	12.7445	1.0011	.37648
28	Ag3280	-.01071	1.70587	8.55261	17.1824	1.0024	.37133
29	*Y	3077.06	3095.48	3071.93	3044.59	3032.29	3057.79
30	PB2203					1.0080	.37719
31	SE1960					.99825	.37338

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	-.00254	.20653	528.96	528.97	25.405	.00964
2	As1890	-.00183	.01150	-.00032	.11073	.48510	.00132
3	B_2496	.00000	.02165	.00112	.00313	.49897	-.00099
4	Ba4934	.00008	.00210	.00105	.52740	.50487	.00000
5	Be3130	.00006	.00204	.00099	.50046	.50250	.00010
6	Ca3179	.00172	.49839	537.35	534.87	25.318	.01587
7	Cd2265	-.00017	.00074	-.00008	.98412	.49701	-.00017
8	Co2286	-.00070	.00377	.00058	.49236	.49400	-.00048
9	Cr2677	-.00030	.00437	-.00283	.50758	.51478	-.00057
10	Cu3247	-.00046	.00899	.00032	.52478	.49361	-.00060
11	Fe2714	-.00620	.04432	199.44	98.710	24.933	-.01495
12	K_7664	.00381	.44797	.01148	.01514	25.068	-.01452
13	Mg2790	.00097	.20528	516.41	505.87	25.265	.01432
14	Mn2576	-.00006	.00297	.00160	.49818	.50490	-.00002
15	Mo2020	.00196	.01094	.00221	.00103	.49847	.00154
16	Na3302	-.02513	1.2135	.14284	.16747	25.048	.01266
17	Ni2316	-.00116	.00935	.00015	.97345	.50619	-.00118
18	2203/1	.00528	.01080	.00289	.05116	.49282	.00530

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	-.00455	.00217	-.00173	.05123	.51449	-.00290
20	Sb2068	.00429	.02202	.00976	.63222	.51140	.00696
21	1960/1	.01151	.02320	.00318	.05044	.51461	.00728
22	1960/2	.00361	.01807	-.00034	.05121	.50576	.00176
23	Ti3372	.00018	.00507	.00139	.00285	.51640	.00027
24	Tl1908	.00183	.01587	-.02733	.08967	.50662	-.00527
25	V_2924	-.00071	.00459	-.00033	.51332	.49493	-.00121
26	Zn2062	-.00008	.01108	-.00511	.97539	.50567	-.00076
27	Sn1899	.00070	.01054	.00317	.00303	.50699	.00174
28	Ag3280	.00031	.00332	.00095	.21624	.49905	.00033
29	*Y	3057.38	3076.2	2878.05	2885.06	3040.05	3057.75
30	PB2203	-.00127	.00504	-.00019	.05121	.50727	-.00017
31	SE1960	.00624	.01978	.00082	.05095	.50870	.00360

#	Element	AD8'8/PB	AD8'7/FB	AD854805	AD854806	AD854809	AD8'1:5)
1	Al3082	.04218	10.101	.00898	.01476	.01736	.00101
2	As1890	.00134	.20333	-.00009	.00061	.00147	.00108
3	B_2496	.00385	.20189	.01439	.10151	.01038	.00288
4	Ba4934	.00024	.20216	.01021	.06450	.04619	.00940
5	Be3130	.00001	.20049	.00004	.00006	.00004	.00010
6	Ca3179	.07693	10.177	75.134	92.475	90.945	18.184
7	Cd2265	-.00022	.20114	-.00026	-.00020	-.00021	-.00017
8	Co2286	-.00029	.20062	-.00032	-.00014	.00006	.00000
9	Cr2677	-.00028	.20144	-.00010	.00025	.00145	.00001
10	Cu3247	-.00032	.19767	.01229	.00746	.02967	.00607
11	Fe2714	.00117	10.107	.04853	.02195	-.00050	-.00576
12	K_7664	-.00696	9.9359	.97930	2.3699	.75468	.14189
13	Mg2790	.02650	10.181	41.128	49.463	48.887	9.7816
14	Mn2576	.00003	.20096	.00046	.00056	.00020	.00005
15	Mo2020	.00053	.19974	.00149	.00017	-.00023	.00092
16	Na3302	.14100	10.208	8.9986	30.540	11.355	2.3949
17	Ni2316	-.00084	.20096	-.00043	.00022	.00024	-.00097
18	2203/1	.00520	.20095	.00968	.00800	.00435	.00929
19	2203/2	-.00322	.20407	-.00490	-.00543	-.00232	-.00510
20	Sb2068	.00275	.20099	.00297	.00033	-.00318	.00062
21	1960/1	.01134	.21235	.01232	.00743	.00557	.01706
22	1960/2	-.00074	.20213	.00521	.00015	.00248	-.00616
23	Ti3372	.00039	.19804	.00009	.00051	.00006	.00032
24	Tl1908	-.00425	.19700	-.00352	-.00332	-.00259	-.00111
25	V_2924	-.00011	.19848	-.00065	-.00032	.00039	-.00076
26	Zn2062	.00123	.20202	.03738	.03414	.00837	.00170
27	Sn1899	.00362	.20555	.00364	.00123	.00331	.00282
28	Ag3280	.00065	.05165	.00075	.00130	.00062	.00130
29	*Y	3111.98	3086.62	3063.15	3050.89	3053.59	3032.06
30	PB2203	-.00041	.20303	-.00004	-.00095	-.00010	-.00030
31	SE1960	.00328	.20553	.00758	.00258	.00351	.00157

#	Element	AD8'9/PS	AD8'3/MS	AD8'4/SD	AD854810	CCV	CCB
1	Al3082	10.704	10.220	10.165	.01420	25.562	.01274
2	As1890	.20555	.20547	.19807	.00068	.48167	-.00082
3	B_2496	.22431	.21224	.20913	.01877	.49901	-.00027
4	Ba4934	.25915	.25139	.25067	.07118	.50247	.00016
5	Be3130	.20746	.20346	.20170	.00010	.50342	.00017
6	Ca3179	99.290	101.12	102.78	108.35	25.264	.02302
7	Cd2265	.20425	.19958	.19760	-.00017	.49364	-.00010
8	Co2286	.20336	.20100	.19784	.00172	.49268	-.00021
9	Cr2677	.20636	.20388	.20184	.00098	.51678	-.00031
10	Cu3247	.23211	.23123	.22971	.07772	.49590	.00001
11	Fe2714	10.356	10.194	10.082	.00711	25.001	.00224
12	K_7664	11.554	11.006	10.999	.51265	24.986	.01172
13	Mg2790	58.307	59.120	59.894	57.022	25.230	.02717
14	Mn2576	.20696	.20353	.20185	.00049	.50674	-.00005
15	Mo2020	.20725	.20324	.20015	.00089	.49679	.00187
16	Na3302	21.771	21.305	21.631	48.970	25.063	.10871
17	Ni2316	.20407	.20107	.19744	.00668	.50412	-.00053
18	2203/1	.19869	.19542	.20048	.00692	.48883	.00899
19	2203/2	.20445	.20170	.19641	-.00260	.51145	-.00505
20	Sb2068	.20720	.20913	.19969	.00090	.50446	.00352
21	1960/1	.21097	.20198	.20035	.00943	.50581	.00733
22	1960/2	.20549	.19729	.18969	.00206	.49150	-.00241
23	Ti3372	.20510	.20029	.19852	.00026	.51262	.00049
24	Tl1908	.20545	.20075	.19946	-.00332	.49645	-.00396
25	V_2924	.20590	.20210	.19863	.00075	.49230	-.00048
26	Zn2062	.21206	.20784	.20361	.03656	.50330	.00009
27	Sn1899	.17424	.20862	.20606	.00160	.51117	.00146
28	Ag3280	.05214	.05293	.05235	.00123	.50225	.00111
29	*Y	3036.83	3021.49	3024.6	3011.51	2975.89	3007.69
30	PB2203	.20253	.19960	.19777	.00056	.50392	-.00037
31	SE1960	.20732	.19885	.19324	.00452	.49626	.00083

#	Element	AD854811	AD854812	AD854813	AD854814	AD854815	AD854816
1	Al3082	.01547	.00954	.01126	.00970	.00623	.25343
2	As1890	.00359	.00062	.00301	.00254	-.00019	.19518
3	B_2496	.01591	.00921	.01117	.01519	.01367	9.0020
4	Ba4934	.00044	.04772	.04551	.06288	.02645	.71757
5	Be3130	.00004	.00010	.00007	.00009	.00007	.00006
6	Ca3179	.39508	92.077	90.352	106.49	79.869	96.702
7	Cd2265	-.00032	-.00006	-.00018	-.00027	-.00025	-.00024
8	Co2286	-.00034	.00308	.00013	-.00044	-.00001	.04565
9	Cr2677	.00070	.00080	.00153	.00137	.00021	.11626
10	Cu3247	.01885	.05558	.03267	.04336	.03277	.34452
11	Fe2714	-.00002	.01607	.01997	-.00887	.00755	6.7089
12	K_7664	.20917	1.1278	.78299	4.8438	.89150	C.00000
13	Mg2790	.16691	48.174	49.930	57.011	43.396	60.662
14	Mn2576	.00008	.00066	.00059	.00012	.00803	1.0849
15	Mo2020	-.00009	.00023	.00044	.00044	.00054	.08647
16	Na3302	313.21	12.355	8.8281	8.7620	4.8635	H1475.6
17	Ni2316	-.00023	.00038	.00052	-.00019	-.00024	.21332
18	2203/1	.00178	.00417	.00593	.00467	.00558	.01096

#	Element	AD854811	AD854812	AD854813	AD854814	AD854815	AD854816
19	2203/2	-.00227	-.00293	-.00422	-.00208	-.00300	-.00008
20	Sb2068	-.00017	.00285	.00095	.00023	.00148	.01585
21	1960/1	.01231	.00399	.01585	.01147	-.00240	.01366
22	1960/2	.00443	.00862	.00090	.00748	.00500	.00663
23	Ti3372	.00045	.00030	.00052	.00036	-.00029	.06299
24	Tl1908	.00168	-.00702	-.00299	-.00141	-.00053	-.00861
25	V_2924	.00216	.00126	.00075	.00097	.00041	.05091
26	Zn2062	.00953	.04082	.00694	.00947	.21676	.05569
27	Sn1899	-.00205	.00132	.00023	.00125	.00036	.02797
28	Ag3280	.00003	.00038	.00059	.00066	.00017	.00117
29	*Y	3010.16	3001.88	3018.11	3028.88	3019.31	2824.84
30	PB2203	-.00092	-.00056	-.00084	.00016	-.00014	.00359
31	SE1960	.00706	.00708	.00588	.00881	.00253	.00898

#	Element	AD854817	AD854818	AD854819	AD854820	CCV	CCB
1	Al3082	.11589	.02510	.01202	.01613	25.665	.01515
2	As1890	.01702	.00687	.00348	.00118	.47688	-.00094
3	B_2496	2.0249	2.4610	.99498	.07064	.49800	.00097
4	Ba4934	.51786	1.9762	.11910	.41629	.49980	.00018
5	Be3130	-.00005	-.00002	.00000	.00011	.50691	.00021
6	Ca3179	169.98	161.08	10.944	158.72	25.264	.02697
7	Cd2265	-.00016	-.00002	-.00023	-.00022	.49336	-.00030
8	Co2286	.01570	.01175	.00115	-.00014	.49422	-.00029
9	Cr2677	.01119	.01285	.00408	-.00005	.51991	-.00033
10	Cu3247	.02155	.00470	.00113	.00077	.49779	.00096
11	Fe2714	5.4725	.68601	.29733	3.1005	25.144	-.00085
12	K_7664	109.31	59.320	6.1813	2.5332	24.976	.01529
13	Mg2790	68.569	56.206	3.5818	54.933	25.252	.02842
14	Mn2576	.95125	.49187	.00796	.07274	.51022	-.00002
15	Mo2020	.01436	.00277	.00013	.00088	.49941	.00163
16	Na3302	H510.05	H971.20	H984.92	16.089	25.014	.19571
17	Ni2316	.05297	.01676	.00617	-.00092	.50479	-.00069
18	2203/1	.01171	.00530	.00719	.00463	.49570	.00651
19	2203/2	-.00582	-.00143	-.00484	-.00354	.50638	-.00322
20	Sb2068	.00610	.00064	-.00165	.00131	.49743	.00209
21	1960/1	.00982	.00243	.01073	.00208	.50545	.00416
22	1960/2	.00661	.00414	.00057	.00005	.49002	.00535
23	Ti3372	.00649	.00351	.00000	.00016	.50860	.00072
24	Tl1908	-.00001	-.00462	-.00167	-.00096	.50351	-.00366
25	V_2924	.00039	.00467	-.00025	-.00070	.49162	-.00071
26	Zn2062	.00854	.00375	.00107	.00148	.50462	.00001
27	Sn1899	.01584	.01262	.00178	.00116	.51482	.00190
28	Ag3280	.00051	.00088	.00068	.00041	.50611	.00062
29	*Y	3021.56	2962.46	2927.03	2971.69	2958.9	2980.76
30	PB2203	.00001	.00080	-.00083	-.00082	.50282	.00001
31	SE1960	.00768	.00357	.00395	.00073	.49516	.00495

#	Element	AD854821	AD854822	AD854823	AD854824	AD854825	AD854826
1	Al3082	.03503	.02819	.53665	.03490	.00809	.00983
2	As1890	.00006	.00545	.00248	.00095	-.00056	-.00113
3	B_2496	.89873	2.4161	.42450	.66631	.03459	.03484
4	Ba4934	.04754	1.9509	.05523	.26470	.09352	.10916
5	Be3130	.00006	.00000	.00013	.00018	.00013	.00012
6	Ca3179	5.0215	158.57	109.49	315.33	121.27	129.02
7	Cd2265	-.00016	-.00004	-.00005	-.00023	-.00027	-.00004
8	Co2286	-.00022	.01178	.00107	.00005	-.00044	.00011
9	Cr2677	-.00046	.01276	.00100	.00022	-.00027	.00025
10	Cu3247	.00089	.00460	.00174	.00194	.00022	.00039
11	Fe2714	.01981	.67942	.60194	1.4532	.42934	.61247
12	K_7664	2.2800	58.439	3.0047	12.069	1.9192	1.7769
13	Mg2790	1.3633	55.444	31.774	109.59	32.134	32.281
14	Mn2576	.00363	.48430	.09054	.27809	.13915	.09747
15	Mo2020	.00157	.00284	.00108	-.00046	.00216	.00156
16	Na3302	290.04	H959.76	81.073	180.82	21.731	24.344
17	Ni2316	.00001	.01628	.00081	.00938	-.00057	-.00069
18	2203/1	.00584	.00392	.00362	.00345	.00495	.00174
19	2203/2	-.00452	-.00211	-.00160	-.00423	-.00351	-.00164
20	Sb2068	-.00261	.00115	.00400	.00209	-.00213	.00222
21	1960/1	-.00270	.01285	-.00275	.00379	.00702	.00394
22	1960/2	.00126	.00738	.00516	.00157	.00478	.00945
23	Ti3372	.00063	.00301	.01156	.00086	-.00009	-.00029
24	Tl1908	.00214	.00028	.00096	.00022	-.00446	L-.01166
25	V_2924	-.00037	.00473	.00088	-.00038	-.00049	-.00026
26	Zn2062	.00113	.00292	.00436	.00407	.00121	.00183
27	Sn1899	-.00111	.00860	.00145	.00106	.00192	.00184
28	Ag3280	.00068	.00143	.00066	.00039	.00050	.00059
29	*Y	2982.75	2930.21	2966.74	2928.23	2991.34	2977.01
30	PB2203	-.00106	-.00010	.00013	-.00167	-.00069	-.00051
31	SE1960	-.00005	.00921	.00252	.00231	.00552	.00761

#	Element	AD8'7/PB	AD8'1:5)	AD8':25)	AD8'1:5)	CCV	CCB
1	Al3082	.01088	.08666	.02204	10.486	25.647	.01417
2	As1890	.00071	.00168	.00045	.19347	.47523	-.00191
3	B_2496	.00365	.01137	.00353	.21592	.49939	.00004
4	Ba4934	.00007	.58839	.11647	.78329	.49859	.00013
5	Be3130	.00005	.00017	.00017	.20294	.50739	.00026
6	Ca3179	.06500	142.86	28.121	150.23	25.268	.02893
7	Cd2265	-.00026	-.00011	-.00019	.19762	.49575	-.00008
8	Co2286	-.00078	-.00018	-.00032	.19727	.49587	.00005
9	Cr2677	.00122	.00216	.00060	.20269	.52216	.00009
10	Cu3247	.00120	.00150	.00162	.19931	.49583	.00105
11	Fe2714	.04947	.09702	.02180	10.166	25.293	.01382
12	K_7664	-.01127	9.6453	1.7561	20.171	24.877	.01799
13	Mg2790	-.00002	.03705	.01153	10.001	25.390	.02733
14	Mn2576	.00038	.00379	.00074	.20516	.51182	.00006
15	Mo2020	-.00071	.04606	.00796	.24527	.49931	.00077
16	Na3302	-.06152	67.111	13.716	76.139	25.059	.11904
17	Ni2316	-.00052	.00466	.00081	.20269	.50579	-.00077
18	2203/1	.00297	.00801	.00226	.19207	.49610	.00299

#	Element	AD8'7/PB	AD8'1:5)	AD8':25)	AD8'1:5)	CCV	CCB
19	2203/2	-.00163	-.00410	-.00244	.19800	.50808	-.00154
20	Sb2068	-.00411	.00378	.00168	.19329	.49267	.00177
21	1960/1	.00939	.00900	.00869	.19835	.49538	.00467
22	1960/2	.00501	.00610	.00229	.19691	.50049	.00694
23	Ti3372	-.00023	.00084	.00026	.19599	.50675	.00031
24	Tl1908	.00156	-.00179	-.00700	.20113	.50149	.00020
25	V_2924	-.00077	-.00045	.00015	.19789	.49203	-.00007
26	Zn2062	.00128	.00202	.00009	.19978	.50817	-.00007
27	Sn1899	-.00086	.00330	.00084	.16749	.51264	.00471
28	Ag3280	-.00058	.00093	.00076	.05061	.50667	.00064
29	*Y	3033.83	2944.95	2960.14	2945.59	2933.66	2933.51
30	PB2203	-.00010	-.00006	-.00087	.19602	.50409	-.00003
31	SE1960	.00647	.00706	.00442	.19739	.49879	.00618

#	Element	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'LPSL	AD8'1:5)
1	Al3082	2.1575	2.0974	.02784	.12136	95.611	8.5719
2	As1890	.04269	.03736	.00713	.00111	1.3932	.01117
3	B_2496	.05259	.04916	.04154	.17536	1.6003	.03907
4	Ba4934	.64223	.63637	.21902	.07458	2.4330	.04946
5	Be3130	.04065	.04016	.00020	.00017	1.3381	.00080
6	Ca3179	148.57	147.10	189.45	68.305	108.95	202.98
7	Cd2265	.04021	.03964	-.00010	-.00020	H1.2493	-.00020
8	Co2286	.04013	.03958	.00050	.00001	H1.5750	.00742
9	Cr2677	.04280	.04205	.00332	.00164	H2.8188	.01136
10	Cu3247	.04141	.04129	.00109	.00091	H1.8631	.02301
11	Fe2714	2.1466	2.1184	.03500	.02688	158.15	15.732
12	K_7664	12.020	11.811	11.622	35.068	54.966	3.8958
13	Mg2790	2.0702	2.0333	.03187	.02902	51.054	25.328
14	Mn2576	.04497	.04451	.00114	.00068	5.8068	.65573
15	Mo2020	.08648	.08580	.02255	.03456	H1.3835	.00435
16	Na3302	71.018	70.108	96.719	132.81	9.5278	.20758
17	Ni2316	.04493	.04470	.00404	.00266	H1.5381	.01568
18	2203/1	.04970	.04133	.00246	.00519	1.7473	.02210
19	2203/2	.03556	.04075	-.00225	-.00400	1.8157	.01202
20	Sb2068	.04118	.03994	.00069	-.00141	.66671	.00539
21	1960/1	.05618	.05314	.01238	.01244	1.0669	.01664
22	1960/2	.04026	.03773	.01147	.00487	1.0419	.00179
23	Ti3372	.04080	.03989	.00039	.00057	5.1462	.22243
24	Tl1908	.03633	.04242	-.00082	-.00634	1.7744	-.00007
25	V_2924	.03975	.03883	-.00058	.00011	1.3328	.01176
26	Zn2062	.04243	.04196	.00228	.00228	3.0409	.04584
27	Sn1899	.04364	.03984	.00173	.00375	1.1405	.00823
28	Ag3280	.01146	.01004	.00022	.00105	.92470	.00053
29	*Y	2952.71	2961.08	2954.25	2948.14	3180.23	2959.65
30	PB2203	.04027	.04094	-.00068	-.00094	1.7929	.01538
31	SE1960	.04557	.04286	.01177	.00740	1.0502	.00674

#	Element	AD8':25)	AD8'1:5)	AD8'1:5)	AD8'1:5)	CCV	CCV
1	Al3082	1.7322	28.781	11.366	11.014	Q14.815	25.944
2	As1890	.00076	.38318	.08700	.09306	Q.27078	.48317
3	B_2496	.00918	.44031	.10913	.11039	Q.25962	.49995
4	Ba4934	.01001	.45123	.12472	.12739	Q.27381	.50523
5	Be3130	.00031	.39677	.08141	.08193	Q.29019	.51251
6	Ca3179	40.489	216.37	298.63	230.23	Q14.595	25.552
7	Cd2265	-.00010	.38388	.07881	.07920	Q.25786	.49850
8	Co2286	.00125	.39076	.08532	.08729	Q.25715	.49857
9	Cr2677	.00249	.40432	.09136	.09069	Q.27193	.52612
10	Cu3247	.00535	.40919	.10288	.09596	Q.28264	.50106
11	Fe2714	3.2056	34.925	21.133	21.669	Q13.207	25.508
12	K_7664	.73546	24.402	6.8819	6.8808	Q12.820	25.056
13	Mg2790	5.1430	44.132	38.338	30.628	Q12.867	25.563
14	Mn2576	.13261	1.0242	.83011	.71750	Q.26616	.51535
15	Mo2020	.00030	.38962	.07899	.07792	Q.26105	.50051
16	Na3302	-.02026	20.571	4.4980	4.5561	Q14.954	25.206
17	Ni2316	.00253	.39978	.09326	.09512	Q.29202	.51042
18	2203/1	.00547	.38947	.10273	.09829	.24805	.49066
19	2203/2	.00077	.40573	.09847	.09207	.37103	.51708
20	Sb2068	.00011	.37604	.04171	.03665	Q.25144	.49986
21	1960/1	.01260	.38536	.09270	.08481	.24185	.49808
22	1960/2	-.00101	.38355	.07945	.07820	.36541	.50153
23	Ti3372	.04364	.59237	.25417	.20405	Q.29042	.51229
24	Tl1908	.00389	.39088	.07900	.07256	Q.30898	.50715
25	V_2924	.00216	.40090	.09094	.08909	Q.25642	.49683
26	Zn2062	.00918	.42958	.13029	.12528	Q.26543	.50978
27	Sn1899	.00414	.33411	.06732	.07077	Q.26411	.51455
28	Ag3280	.00061	.09934	.02186	.02127	Q.26466	.50966
29	*Y	2957.44	2928.64	2942.85	2942.93	3898.54	2915.29
30	PB2203	.00233	.40032	.09988	.09414	Q.33008	.50828
31	SE1960	.00352	.38415	.08387	.08040	Q.32422	.50038

#	Element	CCB	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8':10)	AD8'1:5)
1	Al3082	.02436	9.7502	7.6969	9.0535	.52567	.87563
2	As1890	.00139	.02238	.00441	.00789	.00855	.00745
3	B_2496	.00489	.04717	.01525	.03461	.76798	.70428
4	Ba4934	.00035	.06059	.04877	.12440	.15091	.20212
5	Be3130	.00005	.00102	.00066	.00085	.00005	.00013
6	Ca3179	.02866	289.73	222.00	241.06	1.8271	172.76
7	Cd2265	.00074	-.00013	.00025	-.00007	-.00017	-.00008
8	Co2286	.00260	.00961	.02091	.00868	.00905	.00365
9	Cr2677	.00397	.01266	.03077	.01160	.00919	.01289
10	Cu3247	.00261	.02093	.09319	.03492	.00771	.00410
11	Fe2714	H.10032	29.386	12.038	18.430	2.5512	6.0344
12	K_7664	.17701	5.0342	1.7963	3.6882	80.108	33.407
13	Mg2790	.05551	37.224	92.138	30.941	2.3929	62.227
14	Mn2576	.00068	.82236	.54560	1.2099	.08473	2.4000
15	Mo2020	.00477	.00120	.00038	.00050	-.00012	.00115
16	Na3302	.26048	.58737	.47895	.72341	204.22	82.910
17	Ni2316	.00101	.02162	.01097	.01367	.06233	.02152
18	2203/1	-.00009	.03234	.04858	.02003	.00459	.00855

#	Element	CCB	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8':10)	AD8'1:5)
19	2203/2	-.00016	.02121	.04435	.01480	-.00194	.00091
20	Sb2068	.01329	.00606	.00089	.00199	-.00028	.00433
21	1960/1	.00545	.00436	.01115	-.00012	.00812	.00325
22	1960/2	.00473	.00421	.00200	.00276	.00374	.00074
23	Ti3372	.00123	.22637	.16357	.21325	.01494	.04610
24	Tl1908	-.00446	.00082	.00046	-.00361	-.00103	-.00461
25	V_2924	.00304	.01327	.01236	.01568	.00737	.01750
26	Zn2062	.00120	.07283	.09192	.04624	.01262	.03305
27	Sn1899	H.01602	.00521	.03726	.00854	.00372	.00352
28	Ag3280	H.00463	.00163	.00053	.00025	.00016	.00037
29	*Y	3162.45	2937.64	2929.69	2950.54	2970.3	2971.84
30	PB2203	-.00014	.02492	.04576	.01654	.00023	.00345
31	SE1960	.00497	.00426	.00505	.00179	.00520	.00158

#	Element	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'9/PB	CCV
1	Al3082	.01311	.14725	.04315	.07226	-.00677	25.837
2	As1890	-.00027	.00009	.00475	.00407	-.00013	.48275
3	B_2496	.07589	.16440	2.4532	1.1796	.00318	.50103
4	Ba4934	.17124	.00303	.33371	.14642	.00012	.50367
5	Be3130	.00014	.00020	.00007	.00015	.00014	.51153
6	Ca3179	9.7318	42.351	109.40	74.868	.02860	25.600
7	Cd2265	-.00032	-.00019	.00000	-.00007	-.00028	.50171
8	Co2286	-.00063	-.00024	.00327	.00147	-.00052	.49924
9	Cr2677	-.00008	-.00055	.01396	.00951	.00017	.52779
10	Cu3247	.00050	.00012	.00177	.00224	.00034	.49731
11	Fe2714	.00747	.06582	25.974	11.637	.00139	25.541
12	K_7664	1.0869	2.6624	47.295	32.616	-.00050	24.981
13	Mg2790	2.3931	32.175	27.146	16.886	.00772	25.816
14	Mn2576	.00300	.02612	2.4567	1.3682	.00005	.51527
15	Mo2020	-.00013	.00037	.00026	.00041	.00005	.49951
16	Na3302	173.27	264.41	135.64	119.41	.13227	25.173
17	Ni2316	-.00090	-.00025	.03842	.02871	-.00076	.51054
18	2203/1	.00429	.00967	.00685	.00297	.00816	.49727
19	2203/2	-.00416	-.00622	-.00176	-.00030	-.00374	.51662
20	Sb2068	-.00168	.00293	.00299	-.00192	.00136	.50629
21	1960/1	.00735	.06275	.00889	.00159	.00442	.52221
22	1960/2	.00432	.05518	-.00119	.00393	.00223	.49687
23	Ti3372	.00018	.00467	.00717	.00723	.00020	.51371
24	Tl1908	-.00664	-.00247	.00014	-.00331	-.00620	.50558
25	V_2924	-.00042	-.00077	.00688	.00599	-.00065	.50021
26	Zn2062	.00028	.00100	.33277	.43258	.00114	.51408
27	Sn1899	.00171	.00343	.00155	.00078	.00204	.51530
28	Ag3280	.00045	.00099	.00055	.00002	.00125	.50654
29	*Y	2918.06	2898.6	2982.53	2963.74	2969.7	2944.16
30	PB2203	-.00134	-.00093	.00110	.00078	.00022	.51017
31	SE1960	.00533	.05770	.00217	.00315	.00296	.50531

#	Element	CCB	AD8'/LCS	AD8'EBLK	AD855189	AD855190	AD855191
1	Al3082	-.00687	.03230	.02985	.31449	3.6608	.37864
2	As1890	.00097	.99325	.00181	.00247	.00464	.00631
3	B_2496	.00083	.10957	H.11126	.52823	.38525	.51440
4	Ba4934	.00009	1.0279	H.03009	.41642	.72706	.79939
5	Be3130	.00026	.97846	.00008	.00029	.00080	.00072
6	Ca3179	.00412	.81130	H.81780	96.373	206.15	184.66
7	Cd2265	-.00011	.99586	.00001	.00066	.00050	.00060
8	Co2286	-.00043	.94610	-.00001	.00174	.00885	.01365
9	Cr2677	-.00026	.99510	.00215	.00202	.00495	.00192
10	Cu3247	.00053	1.0272	.00261	.00562	.00744	.00780
11	Fe2714	-.00264	.11758	.01921	.18922	15.215	30.005
12	K_7664	.01206	1.2640	H1.2874	5.3375	9.0509	9.7436
13	Mg2790	.00290	.19893	.19914	6.1155	64.969	18.041
14	Mn2576	.00001	1.0068	.00126	1.1259	1.6470	2.6736
15	Mo2020	.00217	.97685	.00336	.00092	.00140	.00043
16	Na3302	.16859	1600.5	H1621.9	H1447.6	H1422.3	H1426.8
17	Ni2316	-.00041	.99789	.00010	.00376	.01550	.02017
18	2203/1	.00570	.93354	.00563	.00831	.02280	.02181
19	2203/2	-.00400	.96958	-.00234	-.00370	.01259	.01188
20	Sb2068	.00104	.91252	.00294	-.00110	.00333	.00337
21	1960/1	.00926	1.0337	.00927	.01592	.00956	.01909
22	1960/2	.00744	1.0177	.00185	.00011	.00495	.00065
23	Ti3372	.00063	.00063	.00070	.00472	.10560	.00201
24	Tl1908	.00235	1.0131	-.00153	-.00385	-.00711	-.00333
25	V_2924	.00003	.99102	-.00022	.00019	.00543	.00076
26	Zn2062	-.00016	1.0237	H.01943	.01848	.03433	.03950
27	Sn1899	.00136	.00635	.00532	.00732	.00590	.00471
28	Ag3280	.00055	.99912	.00043	.00091	.00134	.00086
29	*Y	2946.11	2818.35	2825.06	2816.14	2817.26	2827.09
30	PB2203	-.00076	.95758	.00031	.00029	.01599	.01518
31	SE1960	.00805	1.0231	.00432	.00538	.00649	.00679

#	Element	AD855192	AD855193	AD8'1:5)	AD8'3/PS	AD8'4/MS	CCV
1	Al3082	3.0389	.04221	.02457	.03709	.04035	25.775
2	As1890	.00465	-.00032	-.00167	1.0395	1.0046	.48254
3	B_2496	.32176	.09974	.02108	.09706	.09798	.50012
4	Ba4934	.65277	.00776	.00204	1.0520	1.0174	.50621
5	Be3130	.00116	.00013	.00019	1.0307	.98910	.50898
6	Ca3179	100.88	.78497	.21654	.77977	.78507	25.467
7	Cd2265	.00084	-.00021	-.00025	1.0389	1.0065	.49803
8	Co2286	.02360	.00001	-.00028	.99417	.95720	.49699
9	Cr2677	.00484	.00134	-.00015	1.0504	1.0073	.52419
10	Cu3247	.00632	.00139	.00049	1.0179	1.0335	.49683
11	Fe2714	36.604	.03932	-.00263	.10871	.10807	25.391
12	K_7664	6.4472	1.0753	.17017	1.0421	1.0819	24.883
13	Mg2790	45.102	.16829	.03763	.16170	.16444	25.665
14	Mn2576	2.8685	.00913	.00183	1.0621	1.0269	.51336
15	Mo2020	.00027	.00009	.00029	1.0366	.98930	.50240
16	Na3302	H1407.5	H1442.4	308.82	H1431.2	H1437.6	25.151
17	Ni2316	.03165	.00073	-.00090	1.0409	1.0092	.50719
18	2203/1	.02527	.14082	.03541	1.1344	1.0699	.49889

#	Element	AD855192	AD855193	AD8'1:5)	AD8'3/PS	AD8'4/MS	CCV
19	2203/2	.01899	.12921	.02421	1.1766	1.1130	.51385
20	Sb2068	.00164	-.00030	-.00029	1.0376	.92186	.50466
21	1960/1	.00815	.01610	.00862	1.0710	1.0325	.51390
22	1960/2	-.00540	-.00189	-.00014	1.0548	1.0118	.49671
23	Ti3372	.09157	.00138	.00021	.00102	.00128	.51464
24	Tl1908	-.00379	.00284	-.00039	1.0654	1.0092	.51030
25	V_2924	.00353	-.00028	-.00071	1.0367	1.0017	.49832
26	Zn2062	.04388	.00692	.00117	1.0580	1.0234	.50986
27	Sn1899	.00624	.00452	.00349	.00664	.00523	.51773
28	Ag3280	.00031	.00143	.00072	1.0765	1.0143	.50596
29	*Y	2826.64	2813.51	2915.03	2825.48	2826.94	2909.29
30	PB2203	.02108	.13308	.02794	1.1625	1.0986	.50887
31	SE1960	-.00088	.00410	.00277	1.0602	1.0187	.50243

#	Element	CCB	AD8'5/SD	AD855196	AD8'1:5)	AD8'1:5)	AD8'1:5)
1	Al3082	-.00357	.03844	.29032	.00849	.00057	.00734
2	As1890	.00016	1.0039	.00645	.09693	.00179	.00004
3	B_2496	.00025	.09826	.61114	.02337	.16469	.17675
4	Ba4934	.00027	1.0248	.49633	.00943	.03161	.03729
5	Be3130	.00029	.99387	.00062	.00011	.00015	.00018
6	Ca3179	.00639	.78854	134.57	4.1631	15.546	26.530
7	Cd2265	.00000	1.0115	.00017	-.00004	-.00010	-.00019
8	Co2286	-.00041	.96155	.00107	.00067	-.00030	.00148
9	Cr2677	-.00025	1.0118	.00193	.00068	.00029	-.00027
10	Cu3247	.00046	1.0400	.00635	.00246	.00072	.00114
11	Fe2714	.00101	.09851	.50855	.11016	.04023	.08099
12	K_7664	-.00574	1.0671	3.7771	2.2219	7.6289	21.848
13	Mg2790	.00752	.16383	3.7608	1.2182	7.3408	35.323
14	Mn2576	.00001	1.0318	1.0038	.01972	.20319	.14674
15	Mo2020	.00320	.99241	.00343	.58602	.19079	.00021
16	Na3302	.28865	H1441.0	H1434.8	243.24	107.94	157.23
17	Ni2316	-.00070	1.0132	.00343	.00810	.00155	.01695
18	2203/1	.00911	1.0720	.00939	.00490	.00504	.00656
19	2203/2	-.00547	1.1163	.00054	-.00203	-.00303	-.00245
20	Sb2068	.00170	.93118	.00402	.01383	.00225	.00182
21	1960/1	.00983	1.0544	.01361	.00485	.00175	.00584
22	1960/2	.00292	1.0264	.00016	.00131	.00745	.00577
23	Ti3372	.00088	.00145	.00776	.00044	.00030	.00038
24	Tl1908	-.00277	1.0019	-.00297	-.00033	-.00250	-.00351
25	V_2924	-.00024	1.0078	.00031	.00802	.00029	-.00106
26	Zn2062	-.00015	1.0300	.05216	.00432	.00024	.00098
27	Sn1899	.00317	.00183	.00468	.00105	-.00039	.00277
28	Ag3280	.00126	1.0204	.00057	.00093	.00060	.00004
29	*Y	2930.81	2839.2	2811.34	2927.03	2933.77	2933.33
30	PB2203	-.00061	1.1015	.00349	.00027	-.00034	.00054
31	SE1960	.00522	1.0357	.00465	.00249	.00555	.00580

#	Element	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8':50)	CCV	CCB
1	Al3082	.01212	.00737	.00019	.01412	25.821	-.00125
2	As1890	.00132	.00190	.00008	.01184	.48624	.00161
3	B_2496	.61878	.75319	.00905	.12255	.50094	.00070
4	Ba4934	.04044	.14466	.00236	.00289	.50655	.00030
5	Be3130	.00018	.00009	.00020	.00022	.51087	.00034
6	Ca3179	28.198	5.8850	22.021	1.1947	25.567	.00848
7	Cd2265	-.00008	-.00014	-.00023	-.00026	.50005	.00001
8	Co2286	.00670	.00288	.02478	-.00003	.49783	.00008
9	Cr2677	.00110	.00106	-.00015	.02285	.52598	-.00007
10	Cu3247	.00081	.00033	.00019	.00034	.49861	.00076
11	Fe2714	.19564	.13588	16.531	.08775	25.418	.00469
12	K_7664	43.449	38.593	.68586	7.3461	24.888	.01477
13	Mg2790	38.449	7.7898	10.795	1.4200	25.778	.00583
14	Mn2576	.16627	.02605	4.5030	.00973	.51327	.00004
15	Mo2020	.00191	.00108	.00011	.00216	.49967	.00203
16	Na3302	188.05	147.56	1.4212	177.82	24.965	.24657
17	Ni2316	.01926	.02654	.02056	.00624	.50930	-.00023
18	2203/1	.00452	.00500	.00671	.00392	.49220	.00445
19	2203/2	-.00196	-.00390	-.00645	-.00189	.52036	-.00426
20	Sb2068	.00156	.00108	-.00112	.00288	.50518	.00106
21	1960/1	.00367	.00910	.00598	.01089	.51090	.01378
22	1960/2	.00947	.00649	.00382	.00281	.49905	-.00117
23	Ti3372	.00055	.00080	.00043	.00797	.51591	.00093
24	Tl1908	-.00448	-.00471	.00062	-.00174	.50838	-.00320
25	V_2924	-.00012	.00032	-.00113	.00405	.50015	-.00018
26	Zn2062	.00659	.00071	.00370	.00108	.51214	.00001
27	Sn1899	.00442	.00350	.00016	.00484	.51623	.00188
28	Ag3280	.00090	.00023	.00059	.00034	.50473	.00118
29	*Y	2907.3	2951.25	2932.95	2890.58	2904.41	2922.9
30	PB2203	.00019	-.00093	-.00207	.00004	.51098	-.00136
31	SE1960	.00754	.00736	.00454	.00550	.50299	.00381

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.06523	8.83	43.9579	88.7096	50.389	18.927
2	As1890	.03171	.493	2.32329	4.65693	.99986	.37041
3	B_2496	.08938	1.59461	7.72168	15.325	1.0075	.37165
4	Ba4934	.00924	4.83807	24.2655	48.8069	1.0060	.37803
5	Be3130	.30536	8.5568	41.6717	82.5723	.99851	.37338
6	Ca3179	.02671			64.442	50.290	18.776
7	Cd2265	-.02635	11.8634	58.5898	115.946	.99036	.36976
8	Co2286	-.00805	.66521	3.33612	6.62156	.99427	.36625
9	Cr2677	.0012	1.97956	9.87154	19.6319	.99799	.38150
10	Cu3247	.03544	1.02827	5.00334	10.0417	1.0045	.36501
11	Fe2714	-.0017	1.93095	9.64258	19.1464	49.866	18.473
12	K_7664	-.10854			72.9592	50.168	18.454
13	Mg2790	.03356			117.103	50.363	18.877
14	Mn2576	.00188	1.37524	6.8811	13.6796	.99824	.37566
15	Mo2020	.00771	.96856	4.81975	9.61481	1.0064	.37232
16	Na3302	-.00498			3.10279	50.034	18.818
17	Ni2316	-.08614	5.22778	26.4343	52.5186	.99596	.37636
18	2203/1	.05557	1.33029	6.37281	12.6794	.99881	.37256

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	2203/2	-.02585	1.45757	7.16939	14.2743	.98505	.37261
20	Sb2068	.00237	.34663	1.7296	3.49751	1.0086	.38584
21	1960/1	-.0145	.31908	1.61513	3.17187	.99181	.37054
22	1960/2	.01591	.61744	2.89331	5.8255	.98650	.37465
23	Ti3372	.10854	5.63656	27.8894	55.7844	1.0034	.38569
24	Tl1908	-.00696	.2466	1.28336	2.64226	1.0244	.38511
25	V_2924	.00034	.30146	1.5039	2.99403	1.0001	.36693
26	Zn2062	-.00034	.19966	.9944	1.96243	.99173	.37534
27	Sn1899	-.0048	1.30763	6.54162	13.1453	.99687	.37790
28	Ag3280	.00238	1.73796	8.71126	17.4507	1.0038	.37179
29	*Y	2919.45	2922.41	2908.76	2882.4	2883.83	2915.81
30	PB2203					.98963	.37259
31	SE1960					.98826	.37327

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00505	.20926	526.18	529.06	24.979	.00947
2	As1890	.00434	.01189	.00231	.11065	.48611	.00323
3	B_2496	.00210	.02230	.00245	.00236	.49432	.00023
4	Ba4934	-.00002	.00218	.00090	.53004	.50031	.00031
5	Be3130	.00005	.00195	.00094	.50041	.49321	.00012
6	Ca3179	.00254	.49177	533.87	536.72	24.833	.00595
7	Cd2265	.00021	.00112	-.00017	.98818	.49017	.00023
8	Co2286	.00089	.00428	.00111	.49224	.48612	.00065
9	Cr2677	.00001	.00432	-.00310	.50857	.50802	.00012
10	Cu3247	.00001	.01038	.00083	.52301	.48368	.00038
11	Fe2714	.00873	.05255	197.35	98.855	24.555	.01054
12	K_7664	.02033	.44983	.00451	.00093	24.728	.01517
13	Mg2790	.00233	.20399	510.28	508.03	24.892	.00921
14	Mn2576	.00003	.00301	.00145	.49987	.49924	.00011
15	Mo2020	.00185	.01042	.00075	.00129	.49354	.00176
16	Na3302	.28525	H1.5071	.36779	.23736	25.013	.47824
17	Ni2316	.00018	.01008	.00100	.97351	.49692	.00076
18	2203/1	-.00385	-.00045	.00524	.04997	.49245	-.00166
19	2203/2	.00341	.00640	.00701	.06153	.49740	.00126
20	Sb2068	.00370	.02421	.00636	.64271	.50798	-.00084
21	1960/1	.00200	.01049	.00874	.03712	.48758	.00331
22	1960/2	-.00037	.01463	-.00598	.05618	.49671	-.00164
23	Ti3372	.00033	.00517	.00156	.00274	.51254	.00080
24	Tl1908	-.00056	.01946	-.02114	.09158	.51344	.00532
25	V_2924	.00017	.00540	.00010	.51410	.49005	.00051
26	Zn2062	.00068	.01161	-.00475	.97626	.49841	.00042
27	Sn1899	.00174	.00859	.00307	-.00299	.50260	.00131
28	Ag3280	.00000	.00269	.00004	.21699	.49564	.00036
29	*Y	2920.01	2928.23	2720.48	2736.04	2895.11	2892.94
30	PB2203	.00099	.00412	.00642	.05768	.49575	.00029
31	SE1960	.00042	.01325	-.00107	.04983	.49366	.00000

#	Element	AD8'1:5)	AD8'1:5)	AD8'1:5)	AD8'3/PB	AD8'2/FB	AD8'1/PB
1	Al3082	.01073	.01112	.03363	.01924	9.8764	.02270
2	As1890	.00244	.00172	.00175	.00472	.20048	.00316
3	B_2496	.03968	.06855	.07771	.00383	.19841	.00495
4	Ba4934	.00527	.02469	.01449	.00012	.20154	.00008
5	Be3130	.00003	-.00001	.00001	-.00004	.19575	-.00006
6	Ca3179	37.732	4.6002	15.781	.05635	9.9132	.05313
7	Cd2265	.00006	.00001	.00017	.00018	.19613	.00012
8	Co2286	.00075	.00024	.00057	.00048	.19562	.00077
9	Cr2677	.00007	-.00042	.00012	.00003	.19572	.00031
10	Cu3247	.00016	.00015	.00028	-.00029	.19373	.00038
11	Fe2714	-.00706	.04267	.25583	.00339	9.8373	.01345
12	K_7664	3.1769	.72354	1.3224	.00444	9.6683	.01177
13	Mg2790	20.828	1.2262	3.8125	.00739	9.9149	.00140
14	Mn2576	-.00003	.00416	.01077	-.00003	.19639	.00002
15	Mo2020	.00131	-.00062	.00093	-.00058	.19624	.00084
16	Na3302	282.40	126.79	205.06	.34841	10.240	.12870
17	Ni2316	.00031	-.00016	.00020	-.00012	.19542	.00085
18	2203/1	.00326	.00030	-.00354	-.00023	.19571	-.00816
19	2203/2	-.00110	.00172	.00129	.00182	.19569	.00248
20	Sb2068	-.00071	-.00289	-.00283	-.00215	.19787	.00280
21	1960/1	.09714	.00929	.01377	.00569	.19040	-.00098
22	1960/2	.09086	-.00282	-.00210	-.00146	.19505	.00231
23	Ti3372	.00024	.00006	.00048	.00040	.19618	.00020
24	Tl1908	-.00367	.00475	.00290	-.00115	.20608	-.00564
25	V_2924	-.00023	-.00023	.00016	.00027	.19518	.00027
26	Zn2062	.00060	.00042	.00112	.00213	.19663	.00237
27	Sn1899	.00034	-.00064	-.00045	.00188	.19946	-.00131
28	Ag3280	.00025	-.00029	-.00011	.00057	.04884	-.00053
29	*Y	2859.26	2907.64	2885.62	2936.74	2930.93	2966.29
30	PB2203	.00035	.00125	-.00031	.00113	.19570	-.00105
31	SE1960	.09295	.00121	.00319	.00092	.19350	.00121

#	Element	AD8'0/FB	AD855002	AD855003	AD855004	CCV	CCB
1	Al3082	9.9453	.02987	.02249	.02683	25.057	.00077
2	As1890	.19909	.00699	.04738	.00264	.48951	.00167
3	B_2496	.20157	.01767	.06219	.02205	.49543	.00097
4	Ba4934	.20284	.07524	.11883	.06651	.50240	-.00002
5	Be3130	.19707	-.00008	-.00003	-.00002	.49437	.00002
6	Ca3179	9.9666	185.99	119.42	87.244	24.885	.00105
7	Cd2265	.19834	.00010	-.00003	.00001	.49141	.00006
8	Co2286	.19770	.00151	.01069	.00317	.48812	.00042
9	Cr2677	.19851	.00054	.00001	-.00002	.50883	.00051
10	Cu3247	.19416	.00135	.00003	.00240	.48582	.00049
11	Fe2714	10.064	2.3291	21.306	.09378	24.619	-.00291
12	K_7664	9.7976	1.3035	.82473	1.7471	24.657	-.00926
13	Mg2790	10.010	65.511	68.444	46.215	25.083	-.00111
14	Mn2576	.19845	.23305	.08071	.17125	.49982	-.00007
15	Mo2020	.19868	.00233	.00230	-.00016	.49565	.00121
16	Na3302	10.365	8.3368	20.645	6.3466	25.145	.23397
17	Ni2316	.19860	.00256	.01734	.00638	.49822	-.00012
18	2203/1	.19364	-.00401	-.00407	-.00070	.50000	-.00180

#	Element	AD8'0/FB	AD855002	AD855003	AD855004	CCV	CCB
19	2203/2	.19874	.00118	.00146	-.00023	.49496	.00069
20	Sb2068	.19779	.00086	-.00126	-.00396	.50989	.00386
21	1960/1	.19700	.00081	.00411	.00209	.50656	.00139
22	1960/2	.19442	.00463	.00151	.00176	.50381	.00204
23	Ti3372	.19802	.00047	.00052	.00076	.51511	.00017
24	Tl1908	.20076	-.00221	-.00084	-.00185	.50143	-.00001
25	V_2924	.19676	.00035	.00002	.00061	.49062	.00022
26	Zn2062	.19736	.01250	.00852	.00765	.49958	.00051
27	Sn1899	.20338	.00006	.00276	.00216	.50936	.00211
28	Ag3280	.04946	-.00008	-.00053	.00003	.49730	-.00008
29	*Y	2954.62	2962.24	2918.96	2930.18	2891.4	2890.65
30	PB2203	.19704	-.00054	-.00037	-.00039	.49664	-.00013
31	SE1960	.19528	.00336	.00238	.00187	.50472	.00182

#	Element	AD855014	AD855015	AD855005	AD8'1:5)	AD8'5/PS	AD8'6/MS
1	Al3082	.14663	.10483	.10765	.02794	10.626	10.101
2	As1890	.01907	.03987	.02223	.00518	.22134	.22595
3	B_2496	1.4138	2.2892	.32618	.06550	.52806	.49922
4	Ba4934	.27740	.59297	.37295	.07447	.58065	.57222
5	Be3130	.00016	.00007	-.00002	.00000	.20034	.19729
6	Ca3179	472.26	H631.26	210.05	41.935	216.64	216.20
7	Cd2265	-.00013	.00003	-.00024	.00000	.19592	.19317
8	Co2286	.00137	.00840	.00115	.00043	.19619	.19419
9	Cr2677	.02188	.02286	-.00028	-.00018	.19825	.19668
10	Cu3247	.00053	.00017	.00050	.00026	.19933	.19753
11	Fe2714	.05967	.97991	26.924	5.4245	36.230	36.486
12	K_7664	33.463	114.81	6.8718	1.2226	17.980	16.424
13	Mg2790	187.62	208.95	112.46	22.468	120.25	120.71
14	Mn2576	9.0057	9.9335	.15676	.03136	.35238	.35052
15	Mo2020	-.00001	.00259	-.00041	-.00004	.20139	.19891
16	Na3302	108.95	269.51	79.245	16.237	88.822	87.705
17	Ni2316	.01861	.05186	.01893	.00389	.21254	.21031
18	2203/1	-.00715	-.00221	-.00554	.00001	.19268	.19854
19	2203/2	-.00024	.00023	.00157	.00060	.19649	.19199
20	Sb2068	-.00170	.00394	-.00194	.00180	.20568	.20446
21	1960/1	.00302	.01023	.00287	.00854	.20916	.21405
22	1960/2	-.00104	-.00321	-.00136	-.00097	.20051	.19066
23	Ti3372	.00973	.00585	.00053	.00059	.20308	.19974
24	Tl1908	-.00216	-.00645	.00097	.00257	.20117	.19714
25	V_2924	.01922	.03458	.00157	-.00002	.20268	.19986
26	Zn2062	.01803	.00893	.02679	.00563	.22004	.19812
27	Sn1899	.00259	.00233	.00021	.00159	.16958	.20353
28	Ag3280	-.00046	.00022	-.00058	.00016	.05104	.05158
29	*Y	2849.18	2872.8	2932.73	2902.24	2885.81	2893.2
30	PB2203	-.00254	-.00058	-.00079	.00041	.19522	.19417
31	SE1960	.00031	.00126	.00004	.00219	.20339	.19845

#	Element	AD8'7/SD	AD855008	AD855009	AD855010	CCV	CCB
1	Al3082	9.9207	.02664	.02235	.02852	25.155	.00335
2	As1890	.22108	.00991	.00165	.00600	.48801	-.00194
3	B_2496	.49156	.01709	.02952	.01809	.49645	.00054
4	Ba4934	.56143	.07606	.04276	.11995	.50536	.00003
5	Be3130	.19417	-.00002	-.00001	.00000	.49556	.00008
6	Ca3179	211.93	68.341	119.42	117.21	24.940	.00412
7	Cd2265	.19002	.00003	.00005	.00018	.48968	.00008
8	Co2286	.19144	.00041	.00211	.00109	.48676	.00096
9	Cr2677	.19278	.00030	-.00004	.00038	.50713	.00043
10	Cu3247	.19498	.00035	.00017	.00246	.48735	.00039
11	Fe2714	35.456	1.4888	2.8005	-.00066	24.521	.00607
12	K_7664	16.049	.71035	1.3824	.95446	24.675	.00187
13	Mg2790	117.49	37.196	62.290	48.150	24.981	.00666
14	Mn2576	.34572	.07739	.24063	.25573	.49900	.00002
15	Mo2020	.19626	.00178	.00027	.00029	.49475	.00136
16	Na3302	86.017	5.7437	9.2021	3.1222	25.091	.25789
17	Ni2316	.20713	.00147	.00151	.00427	.49848	-.00014
18	2203/1	.18544	-.00434	-.00507	-.00146	.49324	-.00253
19	2203/2	.19218	.00170	.00374	.00086	.49884	.00177
20	Sb2068	.19771	.00106	-.00214	.00313	.50693	.00208
21	1960/1	.20245	.00940	-.00917	-.00188	.49475	-.00385
22	1960/2	.19630	-.00126	-.00668	-.00398	.50256	-.00225
23	Ti3372	.19574	.00051	.00218	.00098	.51675	.00014
24	Tl1908	.19635	.00162	.00022	.00309	.49770	.00261
25	V_2924	.19593	.00003	.00001	.00159	.49058	.00028
26	Zn2062	.21455	.00799	.00399	.00640	.49821	.00060
27	Sn1899	.19529	.00140	-.00322	.00109	.50327	.00242
28	Ag3280	.05026	.00006	-.00048	.00056	.49687	.00017
29	*Y	2911.46	2929.73	2898.04	2910.11	2876.06	2873.81
30	PB2203	.18993	-.00030	.00080	.00008	.49698	.00033
31	SE1960	.19835	.00228	-.00751	-.00328	.49995	-.00278

#	Element	AD855011	AD855012	AD855013	AD855016	AD855017	AD855018
1	Al3082	.02759	.06781	.02883	.02168	.02549	.03191
2	As1890	.00336	.00301	.00230	.00034	.00220	.00545
3	B_2496	.02829	.03229	.03350	.72796	2.8943	.07282
4	Ba4934	.04758	.21316	.06885	.46062	1.0716	.39644
5	Be3130	.00000	.00000	.00000	.00000	.00000	.00002
6	Ca3179	94.017	97.952	94.234	129.33	217.60	233.50
7	Cd2265	-.00007	.00008	.00004	.00000	-.00020	.00000
8	Co2286	.00041	.00102	.00154	.00082	.00176	.00158
9	Cr2677	.00046	.00054	.00060	-.00001	.00194	.00067
10	Cu3247	.00016	.00319	.00271	-.00010	-.00064	-.00016
11	Fe2714	.00514	.01359	.05118	7.9933	6.8696	.00966
12	K_7664	.93619	2.2516	2.2949	15.431	26.855	6.0827
13	Mg2790	46.673	51.364	49.974	78.825	121.55	63.884
14	Mn2576	.00240	.00205	.00490	.22192	.12157	1.0006
15	Mo2020	.00053	-.00085	.00095	.00022	.00044	.00098
16	Na3302	4.7362	20.334	17.874	57.613	283.31	21.135
17	Ni2316	.00045	.00300	.00195	.00477	.03386	.00233
18	2203/1	-.00459	-.00950	-.00200	-.00319	-.00064	-.00136

#	Element	AD855011	AD855012	AD855013	AD855016	AD855017	AD855018
19	2203/2	.00197	.00352	.00302	.00032	-.00069	.00094
20	Sb2068	-.00209	-.00229	-.00038	-.00011	-.00515	-.00571
21	1960/1	-.00167	.00100	.00510	.00358	.00818	.00134
22	1960/2	-.00064	-.00274	.00140	.00333	.00194	.00956
23	Ti3372	.00057	.00045	.00052	-.00002	.00099	.00041
24	Tl1908	.00447	.00144	.00081	-.00885	.00108	.00465
25	V_2924	.00062	.00273	.00056	-.00035	.00180	.00005
26	Zn2062	.01211	.00691	.01396	.00312	.00225	.00584
27	Sn1899	-.00055	-.00161	.00022	.00158	.00121	-.00143
28	Ag3280	-.00020	-.00046	.00033	-.00024	-.00013	.00025
29	*Y	2912.96	2913.86	2905.61	2887.5	2877.94	2883.11
30	PB2203	-.00021	-.00081	.00134	-.00084	-.00067	.00017
31	SE1960	-.00099	-.00149	.00263	.00341	.00402	.00682

#	Element	AD855019	AD8'2/PB	AD8'1/FB	AD855200	CCV	CCB
1	Al3082	.03036	.02536	9.9547	.02332	25.037	.00784
2	As1890	.00149	.00245	.20358	.00108	.47744	.00276
3	B_2496	.00734	.00545	.20181	.00511	.49567	.00182
4	Ba4934	.00020	.00003	.20249	.00016	.50309	.00018
5	Be3130	-.00004	-.00006	.19924	-.00003	.49258	.00012
6	Ca3179	.12114	.05354	10.071	.05388	24.795	.00682
7	Cd2265	.00002	.00017	.19984	.00015	.48826	.00027
8	Co2286	.00042	.00074	.19916	.00102	.48532	.00052
9	Cr2677	-.00008	.00002	.19883	.00054	.50580	.00019
10	Cu3247	-.00013	.00007	.19576	.00023	.48469	.00001
11	Fe2714	.00291	.01176	9.9720	.02245	24.452	.01148
12	K_7664	-.00583	-.01217	9.7588	-.00063	24.739	.01289
13	Mg2790	.00992	.00388	10.100	.00554	24.949	.01250
14	Mn2576	.00018	.00001	.20004	.00013	.49828	.00012
15	Mo2020	.00075	-.00043	.19870	.00095	.49413	.00236
16	Na3302	.31201	.29878	10.552	.24828	25.110	.28794
17	Ni2316	.00015	.00088	.19941	.00047	.49493	.00013
18	2203/1	.00071	-.00330	.19952	-.00498	.48958	-.00314
19	2203/2	.00065	.00373	.20136	.00268	.49241	.00059
20	Sb2068	-.00494	-.00178	.19950	.00104	.51057	.00234
21	1960/1	.00590	-.00030	.21065	-.00281	.49982	.00485
22	1960/2	.00155	.00680	.20278	.00193	.49728	-.00006
23	Ti3372	.00026	.00012	.19963	.00030	.51403	.00063
24	Tl1908	.00149	-.00348	.20776	.00107	.50301	-.00072
25	V_2924	.00022	.00044	.19892	.00022	.48995	.00075
26	Zn2062	.00328	.00170	.19852	.00231	.49658	.00069
27	Sn1899	.00115	-.00176	.20652	-.00053	.50434	.00109
28	Ag3280	-.00003	-.00059	.05035	.00013	.49574	.00018
29	*Y	2907.38	2944.84	2935.99	2926.05	2868.23	2871.04
30	PB2203	.00067	.00139	.20075	.00012	.49147	-.00065
31	SE1960	.00300	.00443	.20540	.00034	.49812	.00157

#	Element	AD855201	AD855202	AD855203	AD855204	AD855205	AD855206
1	Al3082	.02096	.07637	.02410	.01950	.01837	.02537
2	As1890	.00119	.01269	.00529	.00203	.00482	-.00105
3	B_2496	.05638	.28136	.31846	.08137	.00364	.05877
4	Ba4934	.30068	.56512	.61290	.23554	-.00002	.30455
5	Be3130	.00000	-.00002	-.00004	.00003	-.00006	.00001
6	Ca3179	119.80	58.747	32.231	117.98	.05543	121.17
7	Cd2265	-.00004	-.00002	.00006	-.00002	.00006	.00010
8	Co2286	-.00001	.00090	.00033	.00128	.00045	.00041
9	Cr2677	-.00003	.00062	.00007	.00011	.00008	.00028
10	Cu3247	.00011	.00031	.00098	.00058	-.00009	.00084
11	Fe2714	3.2854	1.7522	1.1058	1.1451	.00690	3.3178
12	K_7664	1.9711	2.5770	2.1737	1.2861	-.00918	2.0007
13	Mg2790	31.926	34.094	25.121	41.919	.00521	32.262
14	Mn2576	.13277	.01856	.01823	.17759	-.00005	.13451
15	Mo2020	.00250	.04425	.07625	.00717	-.00085	.00128
16	Na3302	10.394	25.967	55.624	13.215	.16293	10.546
17	Ni2316	.00023	.00049	.00371	.00542	.00025	.00106
18	2203/1	-.00575	-.00544	-.00561	-.00471	-.00536	-.00587
19	2203/2	.00119	.00098	.00250	.00196	.00362	.00408
20	Sb2068	-.00520	.00174	.00004	.00107	-.00141	.00254
21	1960/1	.00069	-.00015	-.00247	.00281	.00056	-.00331
22	1960/2	-.00237	.00012	-.00362	.00285	.00627	.00041
23	Ti3372	.00000	.00011	.00001	.00010	.00017	.00009
24	Tl1908	.00091	-.00129	.00428	-.00193	-.00197	-.00044
25	V_2924	-.00027	.00023	.00043	.00015	.00044	.00000
26	Zn2062	.00163	.00318	.00291	.00311	.00162	.00216
27	Sn1899	-.00136	.00002	-.00058	.00229	-.00098	.00364
28	Ag3280	-.00040	-.00047	-.00048	.00014	-.00020	-.00061
29	*Y	2912.78	2912.44	2918.89	2901.68	2931.86	2898.34
30	PB2203	-.00111	-.00115	-.00020	-.00026	.00063	.00077
31	SE1960	-.00135	.00002	-.00324	.00284	.00437	-.00082

#	Element	AD855207	AD855208	AD855209	AD8'1:5)	CCV	CCB
1	Al3082	.02706	.02082	.02537	.01263	25.151	.00776
2	As1890	.00467	.01768	.04075	.01084	.48817	.00050
3	B_2496	.00525	.05878	.10021	.01990	.49522	.00068
4	Ba4934	.00072	.12091	.24591	.04920	.50314	.00009
5	Be3130	-.00005	-.00001	.00001	.00003	.49612	.00013
6	Ca3179	.19918	105.29	98.531	19.787	24.954	.00836
7	Cd2265	.00008	-.00008	-.00003	.00009	.49076	.00021
8	Co2286	.00025	.00375	.00799	.00225	.48716	.00096
9	Cr2677	-.00003	.00000	-.00005	.00011	.50781	.00045
10	Cu3247	.00120	.00018	.00014	.00063	.48643	.00058
11	Fe2714	.01225	4.1541	12.543	2.5374	24.544	.00879
12	K_7664	.02057	2.1754	3.6011	.66098	24.674	.02406
13	Mg2790	.04784	69.088	73.427	14.704	25.076	.00658
14	Mn2576	.00045	.16563	.09074	.01811	.49947	.00012
15	Mo2020	-.00019	.00202	.00179	.00020	.49330	.00165
16	Na3302	.61446	11.937	18.238	3.8901	25.091	.36900
17	Ni2316	.00042	.00733	.01083	.00261	.49784	.00030
18	2203/1	-.00002	-.00151	-.00432	-.00370	.49664	-.00404

#	Element	AD855207	AD855208	AD855209	AD8'1:5)	CCV	CCB
19	2203/2	.00080	-.00002	.00352	.00029	.49629	.00095
20	Sb2068	-.00102	-.00374	.00138	-.00025	.50606	.00403
21	1960/1	.00988	.00413	.00851	.00116	.50295	.00565
22	1960/2	-.00291	-.00241	-.00349	-.00466	.49759	-.00145
23	Ti3372	.00057	.00013	.00031	.00011	.51559	.00043
24	Tl1908	.00451	-.00087	.00284	-.00101	.50168	.00162
25	V_2924	.00005	.00056	.00021	.00059	.49084	.00046
26	Zn2062	.00611	.00337	.00346	.00086	.49866	.00069
27	Sn1899	.00269	.00010	.00134	.00301	.50402	-.00065
28	Ag3280	.00029	-.00007	-.00055	-.00025	.49774	.00013
29	*Y	2924.51	2905.05	2889.34	2881.28	2857.24	2863.91
30	PB2203	.00052	-.00052	.00090	-.00103	.49641	-.00070
31	SE1960	.00135	-.00023	.00051	-.00272	.49937	.00091

#	Element	AD8'9/PS	AD8'0/MS	AD8'1/SD	AD855212	AD855213	AD855214
1	Al3082	10.589	10.107	9.9544	.02625	.02910	.02409
2	As1890	.24530	.24772	.24162	.02389	.00354	.00021
3	B_2496	.30975	.29915	.29688	.04818	.01655	.02765
4	Ba4934	.45542	.45254	.44395	.12539	.07972	.19138
5	Be3130	.20325	.20094	.19732	.00000	.00000	.00004
6	Ca3179	106.58	108.62	106.74	83.555	99.012	125.11
7	Cd2265	.20057	.19830	.19535	.00002	-.00008	.00000
8	Co2286	.20576	.20516	.20182	.00956	.00053	.00090
9	Cr2677	.20098	.19978	.19698	.00048	.00155	.00037
10	Cu3247	.19867	.19803	.19433	.00100	.00082	.00021
11	Fe2714	22.319	22.497	22.170	5.8781	.09730	1.0061
12	K_7664	14.450	14.025	13.810	2.3092	1.3056	1.9201
13	Mg2790	81.970	83.433	82.167	46.048	51.078	70.670
14	Mn2576	.29143	.29212	.28738	.09536	.00471	.47677
15	Mo2020	.20558	.20435	.20034	.00175	.00121	.00026
16	Na3302	28.335	28.021	27.675	7.1485	7.3899	8.9809
17	Ni2316	.20846	.20766	.20347	.01214	.00100	.00381
18	2203/1	.19639	.19869	.18962	-.00597	-.00174	-.00486
19	2203/2	.20235	.19435	.19333	.00159	.00052	-.00076
20	Sb2068	.20548	.20892	.20255	.00356	-.00148	-.00523
21	1960/1	.19592	.19618	.19890	-.00517	-.00055	.00049
22	1960/2	.20059	.19760	.19876	.00095	.00064	.00200
23	Ti3372	.20414	.20164	.19794	.00035	.00033	.00028
24	Tl1908	.20159	.20595	.20315	-.00409	-.00058	.00049
25	V_2924	.20269	.20076	.19704	.00157	.00097	-.00018
26	Zn2062	.20090	.19693	.19409	.01058	.00740	.00443
27	Sn1899	.17189	.20914	.20418	.00269	.00168	-.00189
28	Ag3280	.05172	.05173	.05041	.00002	.00035	-.00009
29	*Y	2879.7	2877.52	2896.35	2901.86	2888.89	2894.55
30	PB2203	.20036	.19579	.19210	-.00092	-.00023	-.00213
31	SE1960	.19903	.19713	.19880	-.00108	.00024	.00150

#	Element	AD855215	AD855216	AD855217	AD855218	CCV	CCB
1	Al3082	.02108	.02568	.02251	.02061	25.084	.01003
2	As1890	.00121	.00140	.00294	.00479	.47982	.00023
3	B_2496	.02343	.06323	.05978	.03677	.49364	.00085
4	Ba4934	.05432	.15813	.10397	.37834	.50318	.00022
5	Be3130	.00000	.00000	-.00001	.00001	.49412	.00013
6	Ca3179	128.97	116.52	9.7129	88.992	24.847	.01043
7	Cd2265	-.00007	.00015	-.00006	.00010	.48778	.00005
8	Co2286	.00074	.00057	.00038	.00099	.48481	.00028
9	Cr2677	.00064	.00083	.00032	.00031	.50555	-.00021
10	Cu3247	.00089	.00249	.00116	.00047	.48550	.00011
11	Fe2714	.00739	.20482	.00153	.01412	24.443	.00335
12	K_7664	1.2643	5.4595	6.5317	1.4774	24.566	.00764
13	Mg2790	57.634	19.901	6.0102	31.151	24.857	.01008
14	Mn2576	.00282	.13985	.00030	.06801	.49767	.00007
15	Mo2020	-.00081	.00437	.08080	.02671	.49059	.00093
16	Na3302	5.7321	8.7713	27.557	21.278	25.055	.31767
17	Ni2316	.00094	.00408	.00382	.00084	.49601	.00005
18	2203/1	.00054	-.00330	.00114	-.00322	.48767	.00146
19	2203/2	.01131	.00226	.00134	.00121	.49597	-.00091
20	Sb2068	-.00113	.00002	.00089	-.00046	.50639	-.00097
21	1960/1	-.00561	.01266	.01542	.00660	.49004	.00795
22	1960/2	.00553	.00487	.00529	-.00204	.49409	-.00450
23	Ti3372	-.00015	-.00007	.00005	.00038	.51354	.00076
24	Tl1908	-.00101	-.00139	.00049	.00229	.51221	.00582
25	V_2924	.00068	.00028	.00005	.00065	.48671	.00000
26	Zn2062	.00828	.00487	.00258	.00260	.49592	.00051
27	Sn1899	.00043	.00052	.00391	.00206	.49907	.00241
28	Ag3280	-.00091	-.00038	.00020	-.00003	.49520	.00016
29	*Y	2887.65	2887.76	2900.4	2889.98	2850.68	2871.45
30	PB2203	.00772	.00040	.00128	-.00026	.49320	-.00012
31	SE1960	.00181	.00746	.00867	.00083	.49273	-.00035

#	Element	AD855219	AD855220	STD BLK	STD 1	STD 2	STD 3
1	Al3082	.87129	15.083	.07687	8.83473	44.1172	88.9816
2	As1890	.01140	.00354	.03854	.51071	2.33003	4.62486
3	B_2496	.03066	.04575	.10536	1.60093	7.77113	15.4387
4	Ba4934	.31078	.01862	.00926	4.89321	24.5739	49.3604
5	Be3130	.00053	.00352	.31136	8.58812	41.9038	83.0368
6	Ca3179	9.8645	62.177	.02638			64.8352
7	Cd2265	-.00008	.00120	-.00681	11.8881	58.7544	116.571
8	Co2286	.01355	.01716	-.00314	.66843	3.34228	6.65906
9	Cr2677	-.00045	.00119	.01134	1.98332	9.88465	19.6691
10	Cu3247	.00000	.00738	.03737	1.02307	5.02834	10.0892
11	Fe2714	63.968	.42530	.00191	1.93672	9.64681	19.1977
12	K_7664	1.9070	3.6105	-.09114			73.03
13	Mg2790	20.079	30.434	.03845			117.402
14	Mn2576	.12846	.39584	.00209	1.3798	6.8938	13.7305
15	Mo2020	.00028	-.00040	.00102	.97735	4.83081	9.68192
16	Na3302	60.970	31.998	.00943			3.14942
17	Ni2316	.00489	.01274	-.07029	5.2756	26.5599	52.7412
18	2203/1	-.00107	-.00183	-.02244	1.33006	6.38392	12.7106

#	Element	AD855219	AD855220	STD BLK	STD 1	STD 2	STD 3
19	2203/2	.00156	.00272	.00901	1.42449	7.2233	14.3574
20	Sb2068	-.00087	-.00296	.00148	.36301	1.7587	3.51352
21	1960/1	.01017	.00236	-.02699	.32427	1.62565	3.22029
22	1960/2	.00123	.00022	.02914	.59444	2.91201	5.77515
23	Ti3372	.00059	.00234	.10429	5.71226	28.1702	56.3245
24	Tl1908	.00209	.00159	-.01137	.26101	1.30938	2.60683
25	V_2924	.00159	.00045	.00174	.30228	1.5035	3.00608
26	Zn2062	.01334	.03321	.00122	.19896	.99689	1.96876
27	Sn1899	.00477	.00128	-.02864	1.30406	6.57086	13.0924
28	Ag3280	-.00021	-.00057	-.00838	1.74474	8.74031	17.5317
29	*Y	2931.23	3479.21	2861.59	2864.89	2848.35	2828.93
30	PB2203	.00068	.00120				
31	SE1960	.00421	.00094				

#	Element	STD' VER	ICV	ICB	CRI	ICSA	ICSAB
1	Al3082	50.283	18.920	-.00225	.20440	528.28	531.31
2	As1890	1.0016	.36291	-.00045	.01162	-.00165	.10809
3	B_2496	1.0094	.37408	.00123	.02155	.00170	.00113
4	Ba4934	.99979	.37757	.00005	.00215	.00091	.53155
5	Be3130	.99438	.37153	.00007	.00197	.00096	.50111
6	Ca3179	50.173	18.686	.00372	.49620	537.31	537.92
7	Cd2265	.99292	.36859	.00015	.00089	-.00079	.98882
8	Co2286	.99753	.36605	-.00026	.00365	.00049	.49376
9	Cr2677	.99935	.38141	-.00024	.00374	-.00255	.51058
10	Cu3247	1.0035	.36626	-.00027	.00925	.00098	.52568
11	Fe2714	49.859	18.427	-.00513	.04840	198.64	99.139
12	K_7664	50.320	18.471	-.00201	.44674	.00408	.00949
13	Mg2790	50.288	18.753	.00157	.20680	512.58	507.34
14	Mn2576	.99870	.37489	.00008	.00301	.00155	.50084
15	Mo2020	.99916	.37196	.00286	.01123	.00112	.00141
16	Na3302	49.775	18.498	-.13039	1.0493	-.20047	.12067
17	Ni2316	.99190	.37426	-.00013	.00980	.00081	.97341
18	2203/1	.97345	.36413	.00252	.00912	-.00541	.05206
19	2203/2	1.0053	.37683	.00053	.00570	.00922	.05591
20	Sb2068	.99919	.37967	.00275	.02183	.00052	.63354
21	1960/1	.95619	.36883	.00256	.02297	.00832	.04329
22	1960/2	1.0179	.37663	-.00072	.01119	-.00882	.04569
23	Ti3372	.99828	.38478	.00014	.00522	.00147	.00335
24	Tl1908	.99669	.37372	.00567	.02212	-.01927	.09301
25	V_2924	1.0026	.36755	.00000	.00503	-.00020	.51541
26	Zn2062	.99775	.37470	-.00044	.01096	-.00572	.98038
27	Sn1899	.99490	.37943	.00256	.01203	.00377	.00595
28	Ag3280	1.0008	.37186	.00026	H.00450	.00045	.21803
29	*Y	2844.79	2845.76	2853.56	2880.23	2678.55	2660.33
30	PB2203	.99471	.37260	.00119	.00684	.00434	.05463
31	SE1960	.99733	.37403	.00037	.01512	-.00311	.04489

#	Element	CCV	CCB	AD8'4/PB	AD8'3/FB	AD854698	AD854699
1	Al3082	25.108	-.00236	.02655	10.025	.01251	.00634
2	As1890	.47995	-.00131	.00009	.20310	.01049	.00887
3	B_2496	.49558	.00028	-.00006	.20249	3.0277	1.9099
4	Ba4934	.50025	.00012	.00001	.20165	1.4357	3.6462
5	Be3130	.49587	.00000	-.00004	.19869	-.00005	-.00014
6	Ca3179	24.955	.00046	.04136	9.9771	260.19	313.94
7	Cd2265	.49189	-.00018	.00011	.20017	-.00020	-.00009
8	Co2286	.48840	.00001	.00067	.19946	.01434	.00423
9	Cr2677	.50901	-.00019	-.00012	.19844	.00263	.00286
10	Cu3247	.48651	.00003	-.00012	.19360	.00033	.00025
11	Fe2714	24.605	-.01106	.01023	9.9628	30.766	12.525
12	K_7664	24.761	.01209	-.01628	9.9498	61.947	4.1271
13	Mg2790	24.956	.00035	.01966	10.128	132.02	76.373
14	Mn2576	.49997	-.00010	.00009	.19902	1.2894	1.8922
15	Mo2020	.49191	.00190	.00046	.19674	.00317	.00101
16	Na3302	24.803	-.22873	-.15713	10.111	177.96	226.08
17	Ni2316	.49834	-.00030	.00166	.19849	.04091	.00538
18	2203/1	.48894	.00663	-.00223	.20205	.00229	.00211
19	2203/2	.50301	-.00276	.00142	.20094	-.00051	-.00048
20	Sb2068	.50019	.00247	-.00306	.19615	.00234	.00223
21	1960/1	.48077	.00496	.00504	.21214	.01135	.00860
22	1960/2	.51250	-.00409	-.00042	.20524	-.00104	-.00218
23	Ti3372	.51243	.00046	-.00054	.19528	.00244	.00003
24	Tl1908	.50656	.00240	-.00291	.19214	.00282	-.00038
25	V_2924	.49139	-.00022	-.00001	.19733	.00523	.00047
26	Zn2062	.50127	-.00008	.00100	.19923	.39918	.00125
27	Sn1899	.50180	.00386	.00028	.20742	.00285	.00245
28	Ag3280	.49531	.00101	-.00032	.05075	.00040	.00005
29	*Y	2848.58	2841	2951.81	2944.73	2943.04	2947.58
30	PB2203	.49833	.00036	.00020	.20131	.00041	.00037
31	SE1960	.50192	-.00107	.00139	.20754	.00308	.00141

#	Element	AD854700	AD854701	AD8'1:5)	AD8'1/PS	AD8'2/MD	AD8'3/MS
1	Al3082	.01930	.00801	.04957	10.385	.00438	4.0954
2	As1890	.00336	.00780	.00585	.20889	.00660	.08963
3	B_2496	.02791	.11777	.02657	.32470	.11313	.11468
4	Ba4934	.10504	.12625	.02642	.33163	.12428	4.2249
5	Be3130	-.00012	-.00004	-.00002	.20145	-.00003	.10216
6	Ca3179	19.493	142.57	28.506	148.66	138.28	136.87
7	Cd2265	-.00016	-.00027	-.00014	.19793	-.00004	.10083
8	Co2286	.00021	.00082	.00001	.19892	.00059	1.0108
9	Cr2677	-.00038	.00048	-.00023	.19879	.00049	.41512
10	Cu3247	.00001	.00175	.00000	.19854	.00135	.49827
11	Fe2714	-.00072	6.3133	1.2685	16.148	6.5774	9.5525
12	K_7664	5.5901	6.5896	1.2069	17.259	6.3854	6.4015
13	Mg2790	2.6876	14.796	2.9845	24.485	14.426	14.287
14	Mn2576	.01773	.38321	.07745	.57342	.36802	1.3592
15	Mo2020	.00062	.00183	.00033	.20041	.00317	.00173
16	Na3302	14.412	18.936	3.8646	28.903	18.448	18.265
17	Ni2316	.00114	.00286	-.00011	.20031	.00272	1.0223
18	2203/1	.00038	.00144	.00307	.19255	.00312	.03865

#	Element	AD854700	AD854701	AD8'1:5)	AD8'1/PS	AD8'2/MD	AD8'3/MS
19	2203/2	.00050	.00034	-.00168	.19871	.00030	.03889
20	Sb2068	-.00033	-.00023	-.00151	.20494	.00226	.21065
21	1960/1	.01276	.00457	.00825	.20441	.00564	.10711
22	1960/2	-.00076	-.00094	-.00344	.20594	-.00298	.10221
23	Ti3372	.00005	.00017	.00011	.19815	.00027	.00013
24	Tl1908	.00197	.00045	-.00127	.19236	-.00053	.09929
25	V_2924	.00015	.00086	.00015	.20097	.00131	1.0183
26	Zn2062	.00084	.00483	.00088	.20158	.00561	1.0121
27	Sn1899	.00265	.00386	.00272	.16484	.00319	.21281
28	Ag3280	.00011	.00023	.00058	.05008	.00043	.10123
29	*Y	2935.8	2917.95	2864.81	2916.6	2918.93	2928.15
30	PB2203	.00046	.00071	-.00009	.19666	.00124	.03881
31	SE1960	.00374	.00089	.00045	.20543	-.00010	.10384

#	Element	CCV	CCB	AD854704	AD854705	AD854706	AD854707
1	Al3082	25.108	.01723	.01888	.00375	.00389	.00974
2	As1890	.47703	-.00039	.00526	.01433	-.00073	.06104
3	B_2496	.49737	.00048	.02476	2.6349	.56001	.17528
4	Ba4934	.50174	.00009	.10123	2.0840	.05185	.58926
5	Be3130	.49349	.00007	-.00009	-.00011	-.00004	-.00011
6	Ca3179	24.814	.02248	19.008	218.24	199.03	213.20
7	Cd2265	.48979	-.00009	-.00008	-.00012	.00085	-.00015
8	Co2286	.48741	.00009	.00044	.00370	.01580	.00271
9	Cr2677	.50810	-.00073	-.00046	.00174	.00194	.00245
10	Cu3247	.48622	-.00087	-.00017	.00032	.00088	-.00013
11	Fe2714	24.577	.00218	-.00074	30.587	5.9451	14.425
12	K_7664	24.780	.00717	5.5733	59.947	10.475	3.0341
13	Mg2790	24.985	.02443	2.6284	145.87	50.417	68.421
14	Mn2576	.49901	-.00002	.01688	.58288	6.0906	1.4269
15	Mo2020	.48904	.00174	.00088	.00141	.00062	.00182
16	Na3302	24.749	.02816	14.434	124.63	26.037	63.478
17	Ni2316	.49661	.00001	.00073	.00390	.02316	.01080
18	2203/1	.49090	.00495	.00302	-.00085	.00047	.00242
19	2203/2	.50222	-.00109	-.00043	-.00008	-.00146	-.00109
20	Sb2068	.50317	.00262	.00214	-.00057	.00015	.00052
21	1960/1	.48686	.01515	.00991	.00396	.00354	.00838
22	1960/2	.50788	.00142	-.00562	-.00496	-.00172	-.00979
23	Ti3372	.51010	.00051	.00008	.00036	.00012	.00005
24	Tl1908	.49592	-.00457	-.00135	-.00385	.00136	-.00818
25	V_2924	.48830	-.00040	-.00018	.00049	.00042	.00000
26	Zn2062	.49837	-.00026	.00058	.00245	.06367	.00177
27	Sn1899	.50787	.00289	.00560	.00181	.00251	.00316
28	Ag3280	.49586	.00101	.00018	.00004	.00067	.00065
29	*Y	2817.56	2834.77	2951.25	2929.09	2890.31	2940.75
30	PB2203	.49845	.00092	.00071	-.00034	-.00081	.00007
31	SE1960	.50087	.00600	-.00044	-.00198	.00002	-.00373

#	Element	AD854708	AD854710	AD854711	CRI	ICSA	ICSAB
1	Al3082	.00026	-.00098	.00337	.20395	528.83	530.64
2	As1890	.00290	.03943	.02682	.00900	.00059	.10859
3	B_2496	1.2583	3.4360	4.9102	.02586	.00493	.00490
4	Ba4934	.39660	2.7858	5.0473	.00217	.00101	.52885
5	Be3130	-.00009	-.00015	-.00020	.00197	.00097	.50204
6	Ca3179	235.17	183.06	158.09	.49286	538.43	539.23
7	Cd2265	.00013	-.00013	-.00020	.00094	-.00066	.99421
8	Co2286	.00202	.00453	.00258	.00371	.00102	.49557
9	Cr2677	.00081	.00075	.00268	.00344	-.00260	.51121
10	Cu3247	.00109	.00030	.00014	.00969	.00083	.52532
11	Fe2714	3.5715	10.395	22.999	.04758	199.02	99.546
12	K_7664	19.375	60.179	63.085	.43328	.00640	.00635
13	Mg2790	65.506	143.14	150.19	.20170	511.03	508.93
14	Mn2576	3.8040	.49968	.17705	.00303	.00155	.50165
15	Mo2020	.00160	.00243	.00126	.01065	.00041	.00220
16	Na3302	62.577	147.77	211.48	1.1459	-.06720	.08636
17	Ni2316	.00930	.00786	.00609	.00953	.00081	.97461
18	2203/1	.00147	.00173	.00014	.00881	.00403	.06201
19	2203/2	-.00032	-.00072	-.00153	.00375	.00484	.05054
20	Sb2068	-.00220	.00270	-.00317	.02042	-.00302	.63475
21	1960/1	.00465	.01029	.00558	.02295	.01227	.05831
22	1960/2	-.00231	-.00876	-.00527	.01930	-.00340	.04730
23	Ti3372	-.00036	.00003	-.00002	.00533	.00141	.00330
24	Tl1908	.00185	.00142	.00076	.02373	-.02623	.09607
25	V_2924	-.00080	.00165	.00186	.00467	-.00017	.51660
26	Zn2062	.10472	.00161	.00117	.01090	-.00586	.98436
27	Sn1899	.00345	.00644	.00069	.00928	.00225	.00321
28	Ag3280	.00041	.00030	-.00013	.00356	.00113	.21855
29	*Y	2923.43	2927.33	2927.33	2851.27	2652.98	2663.18
30	PB2203	.00027	.00009	-.00097	.00544	.00457	.05436
31	SE1960	.00000	-.00241	-.00165	H.02051	.00182	.05097

#	Element	CCV	CCB	AD8'1/PB	AD8'0/FB	AD855223	AD855224
1	Al3082	25.045	.02201	.00610	9.9819	.00603	.08473
2	As1890	.48078	.00078	-.00148	.20477	-.00150	.00763
3	B_2496	.49678	.00012	.00198	.20441	.01655	.00677
4	Ba4934	.49872	.00019	.00005	.20051	.01114	.03820
5	Be3130	.49503	.00014	-.00009	.19902	-.00008	.00000
6	Ca3179	24.895	.02768	.01814	9.9855	15.551	13.941
7	Cd2265	.49140	.00020	.00006	.20008	-.00008	-.00013
8	Co2286	.48804	.00009	.00021	.19999	.00015	.12723
9	Cr2677	.50913	-.00013	-.00022	.19898	-.00057	.00043
10	Cu3247	.48516	.00016	-.00005	.19462	-.00010	.00275
11	Fe2714	24.662	.00634	.00408	9.9945	.07609	45.414
12	K_7664	24.736	.00724	-.02538	9.9113	1.6437	.97986
13	Mg2790	24.923	.02292	.00423	10.081	2.4209	4.3422
14	Mn2576	.49985	.00007	.00000	.19911	.36843	5.5631
15	Mo2020	.49225	.00270	-.00030	.19553	.00064	.00002
16	Na3302	24.787	-.00673	-.15470	10.232	1.3174	2.1728
17	Ni2316	.49718	.00051	.00113	.19993	.00095	.01907
18	2203/1	.48692	.00406	-.00112	.19868	.00206	.00345

#	Element	CCV	CCB	AD8'1/PB	AD8'0/FB	AD855223	AD855224
19	2203/2	.50127	-.00076	.00058	.20544	-.00062	.00020
20	Sb2068	.49848	.00072	-.00331	.19545	-.00086	.00037
21	1960/1	.48637	.01254	.00793	.20793	.01153	.00285
22	1960/2	.50477	.00362	.00020	.20940	.00048	-.00589
23	Ti3372	.50996	.00066	-.00016	.19531	-.00028	.00018
24	Tl1908	.49299	.00384	.00163	.19870	.00018	-.00113
25	V_2924	.48916	.00001	.00032	.19598	-.00029	.00061
26	Zn2062	.50097	-.00017	.00117	.20079	.00979	.00744
27	Sn1899	.50637	.00064	.00279	.20255	.00330	.00375
28	Ag3280	.49497	.00108	.00010	.05073	-.00035	.00062
29	*Y	2835.71	2822.29	2956.91	2936.96	2938.2	2932.65
30	PB2203	.49649	.00084	.00001	.20319	.00027	.00128
31	SE1960	.49863	.00660	.00278	.20891	.00417	-.00297

#	Element	AD855225	AD8'1:5)	AD8'5/PS	AD855226	AD8'7/MS	AD8'8/SD
1	Al3082	.00710	.00047	10.365	.01809	2.0561	2.3186
2	As1890	.00027	.00010	.20133	.00226	.04335	.04334
3	B_2496	.00417	-.00053	.21382	.00398	.00438	.00673
4	Ba4934	.00282	.00065	.21109	.00306	2.0468	2.0495
5	Be3130	-.00009	-.00002	.20144	-.00006	.05123	.05106
6	Ca3179	6.3066	1.2680	16.238	6.4369	6.3257	6.3746
7	Cd2265	-.00002	-.00014	.20128	-.00012	.05105	.05125
8	Co2286	.00039	-.00010	.19994	-.00032	.50950	.50832
9	Cr2677	-.00015	-.00092	.19898	-.00032	.20881	.21097
10	Cu3247	.63638	.12733	.81388	.87912	.88314	1.5534
11	Fe2714	.03563	-.00377	10.090	.15025	1.1779	3.0954
12	K_7664	.31141	.05605	10.702	.34599	.31826	.37595
13	Mg2790	1.4979	.29595	11.633	1.5493	1.5009	1.6037
14	Mn2576	.00751	.00139	.20800	.00938	.51894	.55410
15	Mo2020	.00036	.00008	.19711	.00203	-.00027	.00025
16	Na3302	2.0344	.48541	12.651	2.2367	2.2459	2.3613
17	Ni2316	.00557	.00108	.20589	.00590	.52595	.52804
18	2203/1	.00307	.00403	.19692	.00988	.02216	.04490
19	2203/2	.00218	-.00013	.20382	.00085	.02618	.04717
20	Sb2068	.00019	-.00006	.19592	.00220	.10414	.10374
21	1960/1	.00866	.00945	.20041	.01049	.06328	.05648
22	1960/2	-.00214	-.00585	.21017	-.00880	.04756	.05043
23	Ti3372	-.00044	.00014	.19736	.00041	-.00042	.00613
24	Tl1908	-.00114	.00211	.19994	.00340	.05101	.05494
25	V_2924	-.00029	-.00063	.19796	-.00058	.50534	.50305
26	Zn2062	.21749	.04263	.41114	.21150	.71992	.78887
27	Sn1899	.00292	.00316	.16903	.00369	.20795	.20840
28	Ag3280	.00049	-.00014	.04990	.00076	.05028	.05109
29	*Y	2927.03	2864.44	2921.93	2938.12	2937.79	2913.68
30	PB2203	.00248	.00125	.20152	.00385	.02484	.04642
31	SE1960	.00145	-.00075	.20691	-.00237	.05280	.05245

#	Element	CCV	CCB	AD855229	AD855230	AD855231	AD855232
1	Al3082	25.242	.02924	.06411	-.00172	.07790	.03387
2	As1890	.48311	-.00036	.00112	.00207	.00427	.02244
3	B_2496	.49880	-.00003	.00341	.00491	.00370	.06473
4	Ba4934	.50295	.00021	.00255	.04238	.00280	.81017
5	Be3130	.49790	.00017	-.00011	-.00009	-.00008	.00015
6	Ca3179	24.953	.03519	8.0270	24.240	8.0106	70.007
7	Cd2265	.49370	.00008	-.00011	.00839	-.00002	-.00012
8	Co2286	.49006	.00036	.00018	.00045	.00028	.02439
9	Cr2677	.51268	.00015	.00031	-.00011	.00064	.00016
10	Cu3247	.48911	.00039	.28580	.01927	.30869	.00179
11	Fe2714	24.814	.01552	.20307	.02113	.23991	24.929
12	K_7664	24.921	.00958	.35278	.71932	.35371	3.2545
13	Mg2790	25.156	.03260	1.8646	5.0515	1.8598	38.370
14	Mn2576	.50382	.00019	.00652	.00341	.00808	5.9482
15	Mo2020	.49467	.00213	.00043	.00102	-.00054	.00094
16	Na3302	25.109	-.13329	2.3333	6.2468	2.4643	33.649
17	Ni2316	.49986	.00015	.00147	.00083	.00251	.03319
18	2203/1	.49420	.00194	.00211	.00379	.00065	.00362
19	2203/2	.49987	-.00032	.00006	.00138	.00197	-.00150
20	Sb2068	.50054	.00203	.00127	.00072	.00127	-.00138
21	1960/1	.49476	.00931	.00652	.01015	.00169	.00313
22	1960/2	.50566	-.00042	-.00718	-.00704	-.00525	-.01064
23	Ti3372	.51209	.00027	.00091	-.00043	.00146	.00141
24	Tl1908	.50080	-.00205	.00268	.00411	.00396	.00181
25	V_2924	.49108	.00042	.00015	.00000	.00026	-.00032
26	Zn2062	.50177	.00027	.00881	1.7577	.01121	.10807
27	Sn1899	.50626	.00250	.00240	.00157	.00418	.00557
28	Ag3280	.50168	.00056	.00000	.00048	.00035	.00049
29	*Y	2800.95	2826.04	2946.75	2913.6	2927.21	2907.04
30	PB2203	.49798	.00043	.00074	.00218	.00153	.00020
31	SE1960	.50202	.00282	-.00261	-.00131	-.00293	-.00605

#	Element	AD855233	AD855234	AD855235	AD855236	AD855237	AD855238
1	Al3082	.65654	.07186	.04899	.17445	-.00327	.00073
2	As1890	.22798	.00564	-.00136	.00200	.00364	.00508
3	B_2496	.89220	.00762	.00679	.00569	.00549	.01087
4	Ba4934	.60400	.32244	.00830	.10781	.05405	.01561
5	Be3130	-.00011	.00005	-.00005	-.00001	-.00007	-.00005
6	Ca3179	67.146	64.857	16.317	38.459	19.633	28.182
7	Cd2265	-.00020	-.00021	.00002	.00000	-.00012	-.00001
8	Co2286	.04522	.00050	.04006	.00190	-.00010	-.00019
9	Cr2677	.00392	.00409	.09319	.00527	-.00053	-.00036
10	Cu3247	.00209	.00033	.00307	.00127	.03357	.66916
11	Fe2714	28.664	4.2457	.39304	4.1773	.00465	.00063
12	K_7664	47.977	1.0630	.82617	2.6076	.40472	1.2349
13	Mg2790	37.285	23.904	2.8871	20.854	3.3292	4.6932
14	Mn2576	1.8521	1.4712	.12636	2.9370	.00680	.00076
15	Mo2020	.00549	.00153	.00649	.00186	.00027	.00010
16	Na3302	175.72	13.055	86.966	15.685	4.5290	1.6979
17	Ni2316	.06191	.00696	.01472	.00709	.00139	.00184
18	2203/1	.00139	.00592	.00219	.00165	.00387	.00002

#	Element	AD855233	AD855234	AD855235	AD855236	AD855237	AD855238
19	2203/2	.00026	-.00302	.00076	.00145	-.00031	.00184
20	Sb2068	-.00080	-.00129	-.00303	.00202	-.00031	-.00178
21	1960/1	.01010	.00244	.00487	.00357	.01286	.00747
22	1960/2	-.00248	-.00751	-.00547	-.00153	-.00350	-.00452
23	Ti3372	.02143	.00316	.00006	.00544	-.00015	-.00060
24	Tl1908	.00273	.00425	-.00280	.00338	.00387	.00007
25	V_2924	.00120	-.00030	.00033	-.00012	-.00035	-.00023
26	Zn2062	.00756	.00551	.00636	.01168	.02385	.02254
27	Sn1899	.00461	.00435	.00299	.00143	.00419	.00181
28	Ag3280	-.00045	.00105	.00106	.00062	.00019	-.00035
29	*Y	2924.29	2923.24	2915.29	2916.15	2913.79	2925.26
30	PB2203	.00064	-.00004	.00123	.00152	.00107	.00123
31	SE1960	.00170	-.00419	-.00202	.00017	.00195	-.00052

#	Element	CCV	CCB	AD855239	CRI	ICSA	ICSAB
1	Al3082	25.259	.05425	.00279	.20126	528.20	532.88
2	As1890	.47975	.00035	.00110	L.00690	-.00165	.10944
3	B_2496	.49715	-.00018	-.00022	.02158	.00141	.00303
4	Ba4934	.49896	.00028	.00006	.00221	.00105	.53096
5	Be3130	.49672	.00018	-.00008	.00200	.00102	.50494
6	Ca3179	25.006	.05899	.02921	.49718	539.90	541.17
7	Cd2265	.49219	.00009	-.00009	.00087	-.00047	.99352
8	Co2286	.48860	.00014	-.00019	.00321	.00049	.49632
9	Cr2677	.51012	-.00053	-.00059	.00380	-.00268	.51040
10	Cu3247	.48838	.00012	.00042	.00922	.00097	.52758
11	Fe2714	24.718	.01965	-.00911	.03352	199.54	99.554
12	K_7664	24.790	-.00194	-.00894	.44639	.01375	-.00143
13	Mg2790	25.175	.05687	-.00113	.20864	514.01	508.31
14	Mn2576	.50128	.00019	.00004	.00295	.00146	.50220
15	Mo2020	.49211	.00191	.00022	.01119	.00181	.00126
16	Na3302	24.685	.07047	-.11588	1.3061	-.08462	-.14917
17	Ni2316	.49702	.00007	.00101	.00961	.00084	.97929
18	2203/1	.49104	.00585	.00281	.01327	.00089	.05610
19	2203/2	.50354	-.00081	-.00105	.00188	.00977	.05408
20	Sb2068	.49573	-.00262	-.00187	.01984	.00198	.62840
21	1960/1	.48615	-.00054	-.00549	.02911	-.01773	.06414
22	1960/2	.51133	-.00423	-.00336	.01101	-.00911	.05191
23	Ti3372	.50980	.00054	-.00046	.00554	.00146	.00312
24	Tl1908	.49983	.00319	-.00140	.01836	-.01467	.09438
25	V_2924	.48806	-.00063	-.00046	.00462	-.00062	.51456
26	Zn2062	.50056	-.00017	.00187	.01100	-.00596	.98477
27	Sn1899	.50530	.00130	.00245	.01174	.00490	.00599
28	Ag3280	.49748	.00075	.00030	H.00407	.00154	.21846
29	*Y	2814.83	2825.93	2935.95	2848.91	2654.51	2652.08
30	PB2203	.49938	.00140	.00023	.00568	.00681	.05475
31	SE1960	.50293	-.00300	-.00407	.01704	-.01198	.05599

#	Element	CCV	CCB
1	Al3082	25.108	-.03651
2	As1890	.47774	-.00137
3	B_2496	.49446	L-.00706
4	Ba4934	.49791	.00058
5	Be3130	.49583	.00025
6	Ca3179	24.954	.02321
7	Cd2265	.49102	-.00150
8	Co2286	.48799	L-.00546
9	Cr2677	.50906	L-.00678
10	Cu3247	.48610	L-.00944
11	Fe2714	24.625	L-.11460
12	K_7664	24.730	.09091
13	Mg2790	24.940	.05182
14	Mn2576	.50034	-.00068
15	Mo2020	.48988	.00391
16	Na3302	24.910	.22340
17	Ni2316	.49722	L-.00766
18	2203/1	.49353	.06119
19	2203/2	.50067	-.03069
20	Sb2068	.49733	-.00116
21	1960/1	.48719	.05007
22	1960/2	.50518	-.02423
23	Ti3372	.50962	.00149
24	Tl1908	.49533	-.00153
25	V_2924	.48768	L-.00757
26	Zn2062	.49918	-.00154
27	Sn1899	.50347	.00768
28	Ag3280	.49692	H.00462
29	*Y	2814.98	2792.18
30	PB2203	.49829	-.00009
31	SE1960	.49918	.00053

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 09/26/08 06:41:57 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 09/26/08 18:36:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.06524	.03171	.08939	.00924	.30537	.02672	-.02636
SDev	.00671	.00917	.00441	.00286	.00023	.00036	.00762
%RSD	10.287	28.924	4.9395	30.971	.07565	1.3336	28.927
#1	.06049	.02523	.08627	.00722	.30520	.02646	-.02097
#2	.06998	.03820	.09251	.01127	.30553	.02697	-.03175

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00805	.00120	.03545	-.00171	-.10855	.03357	.00188
SDev	.00125	.00170	.00201	.00241	.01498	.00032	.00025
%RSD	15.519	141.42	5.6700	141.42	13.801	.96354	13.332
#1	-.00894	.00241	.03403	.00000	-.09795	.03334	.00206
#2	-.00717	.00000	.03687	-.00341	-.11914	.03380	.00171

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00772	-.00498	-.08615	.05557	-.02585	.00238	-.01450
SDev	.00367	.00608	.00066	.03679	.00399	.00944	.02246
%RSD	47.566	122.04	.76072	66.203	15.448	397.23	154.83
#1	.01031	-.00928	-.08661	.02956	-.02303	-.00430	.00137
#2	.00512	-.00068	-.08568	.08159	-.02868	.00905	-.03038

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.01592	.10855	-.00697	.00035	-.00034	-.00481	.00238
SDev	.00501	.01401	.01214	.00194	.00048	.00584	.00580
%RSD	31.478	12.908	174.34	558.59	141.42	121.35	243.37
#1	.01237	.09864	-.01555	.00172	.00000	-.00894	-.00172
#2	.01946	.11846	.00162	-.00102	-.00068	-.00068	.00649

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2919	--	--	--	--	--	--
SDev	14.00075	--	--	--	--	--	--
%RSD	.4795680	--	--	--	--	--	--
#1	2910	--	--	--	--	--	--
#2	2929	--	--	--	--	--	--

Standardization Rpt. 09/26/08 06:46:45 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 09/26/08 18:42:01

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.8300	.49301	1.5946	4.8381	8.5568	11.863	.66522
SDev	.0525	.00931	.0141	.0440	.0643	.026	.00562
%RSD	.59459	1.8884	.88730	.90857	.75142	.22104	.84447
#1	8.8671	.49959	1.6046	4.8692	8.6023	11.882	.66919
#2	8.7929	.48643	1.5846	4.8070	8.5113	11.845	.66125

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.9796	1.0283	1.9310	1.3752	.96856	5.2278	1.3303
SDev	.0119	.0062	.0063	.0037	.00415	.0306	.0216
%RSD	.60237	.60055	.32794	.27198	.42857	.58588	1.6266
#1	1.9880	1.0326	1.9354	1.3779	.97150	5.2494	1.3456
#2	1.9711	1.0239	1.9265	1.3726	.96563	5.2061	1.3150

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.4576	.34664	.31908	.61745	5.6366	.24661	.30147
SDev	.0161	.00289	.00089	.00796	.0462	.00319	.00167
%RSD	1.1013	.83269	.28064	1.2883	.81963	1.2923	.55348
#1	1.4689	.34868	.31845	.61182	5.6692	.24436	.30265
#2	1.4462	.34460	.31972	.62307	5.6039	.24886	.30029

Elem	Zn2062	Sn1899	Ag3280
Avge	.19967	1.3076	1.7380
SDev	.00086	.0080	.0048
%RSD	.43231	.61225	.27504
#1	.20028	1.3020	1.7413
#2	.19906	1.3133	1.7346

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2922	--	--	--	--	--	--
SDev	16.17507	--	--	--	--	--	--
%RSD	.5534834	--	--	--	--	--	--
#1	2911	--	--	--	--	--	--
#2	2934	--	--	--	--	--	--

Standardization Rpt. 09/26/08 06:51:33 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 09/26/08 18:46:49

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	43.958	2.3233	7.7217	24.266	41.672	58.590	3.3361
SDev	.191	.0023	.0411	.121	.169	.050	.0023
%RSD	.43487	.09983	.53224	.49981	.40523	.08475	.06747
#1	43.823	2.3217	7.6926	24.180	41.552	58.625	3.3345
#2	44.093	2.3249	7.7507	24.351	41.791	58.555	3.3377

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.8715	5.0033	9.6426	6.8811	4.8198	26.434	6.3728
SDev	.0211	.0248	.0038	.0077	.0115	.100	.0052
%RSD	.21347	.49503	.03897	.11226	.23840	.37816	.08204
#1	9.8864	4.9858	9.6452	6.8866	4.8116	26.364	6.3691
#2	9.8566	5.0209	9.6399	6.8756	4.8279	26.505	6.3765

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	7.1694	1.7296	1.6151	2.8933	27.889	1.2834	1.5039
SDev	.0642	.0199	.0290	.0278	.106	.0238	.0005
%RSD	.89582	1.1502	1.7979	.95980	.38102	1.8567	.03111
#1	7.1240	1.7155	1.5946	2.9130	27.814	1.2665	1.5042
#2	7.2148	1.7437	1.6357	2.8737	27.965	1.3002	1.5036

Elem	Zn2062	Sn1899	Ag3280
Avge	.99441	6.5416	8.7113
SDev	.00380	.0180	.0045
%RSD	.38243	.27529	.05190
#1	.99710	6.5289	8.7145
#2	.99172	6.5544	8.7081

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2909	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0820447	--	--	--	--	--	--
#1	2910	--	--	--	--	--	--
#2	2907	--	--	--	--	--	--

Standardization Rpt. 09/26/08 06:56:50 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 09/26/08 18:51:38

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	88.710	4.6569	15.325	48.807	82.572	64.442	115.95
SDev	.369	.0293	.035	.259	.333	.244	.01
%RSD	.41642	.62915	.22699	.53027	.40324	.37838	.00671
#1	88.971	4.6777	15.300	48.990	82.808	64.614	115.95
#2	88.448	4.6362	15.350	48.624	82.337	64.270	115.94

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.6216	19.632	10.042	19.146	72.959	117.10	13.680
SDev	.0006	.031	.050	.012	.122	.03	.003
%RSD	.00908	.15560	.49350	.06102	.16760	.02174	.02115
#1	6.6220	19.654	10.077	19.155	73.046	117.12	13.678
#2	6.6211	19.610	10.007	19.138	72.873	117.08	13.682

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	9.6148	3.1028	52.519	12.679	14.274	3.4975	3.1719
SDev	.0611	.0012	.284	.036	.049	.0054	.0279
%RSD	.63577	.03715	.54049	.28259	.34618	.15435	.87812
#1	9.5716	3.1036	52.719	12.705	14.309	3.4937	3.1916
#2	9.6580	3.1020	52.318	12.654	14.239	3.5013	3.1522

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.8255	55.784	2.6423	2.9940	1.9624	13.145	17.451
SDev	.0162	.192	.0295	.0006	.0022	.027	.009
%RSD	.27886	.34380	1.1167	.01948	.11055	.20582	.05065
#1	5.8140	55.920	2.6214	2.9944	1.9640	13.126	17.457
#2	5.8370	55.649	2.6631	2.9936	1.9609	13.164	17.444

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2882	--	--	--	--	--	--
SDev	8.591278	--	--	--	--	--	--
%RSD	.2980599	--	--	--	--	--	--
#1	2876	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

Standardization Report 09/26/08 06:56:50 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.568223	-.036863	09/26/08 06:51:38
As1890	189.042	Multiple	Standards	.216175	-.006856	09/26/08 06:51:38
B_2496	249.678	Multiple	Standards	.065907	-.005884	09/26/08 06:51:38
Ba4934	493.409	Multiple	Standards	.020604	-.000186	09/26/08 06:51:38
Be3130	313.042	Multiple	Standards	.012123	-.003702	09/26/08 06:51:38
Ca3179	317.933	STD 3	STD BLK	.953643	-.014953	09/26/08 06:51:38
Cd2265	226.502	Multiple	Standards	.008528	.000213	09/26/08 06:51:38
Co2286	228.616	Multiple	Standards	.149779	.001199	09/26/08 06:51:38
Cr2677	267.716	Multiple	Standards	.050752	-.000064	09/26/08 06:51:38
Cu3247	324.753	Multiple	Standards	.100488	-.003559	09/26/08 06:51:38
Fe2714	271.441	Multiple	Standards	2.59735	.004257	09/26/08 06:51:38
K_7664	766.491	STD 3	STD BLK	.996877	.052121	09/26/08 06:51:38
Mg2790	279.078	STD 3	STD BLK	.931105	-.028934	09/26/08 06:51:38
Mn2576	257.610	Multiple	Standards	.072880	-.000138	09/26/08 06:51:38
Mo2020	202.030	Multiple	Standards	.103995	-.000802	09/26/08 06:51:38
Na3302	330.232	STD 3	STD BLK	.995468	.003909	09/26/08 06:51:38
Ni2316	231.604	Multiple	Standards	.018879	.001623	09/26/08 06:51:38
2203/1	220.351	Multiple	Standards	.081133	-.004514	09/26/08 06:51:38
2203/2	220.352	Multiple	Standards	.067932	.001737	09/26/08 06:51:38
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.288750	-.000680	09/26/08 06:51:38
1960/1	196.021	Multiple	Standards	.306731	.004428	09/26/08 06:51:38
1960/2	196.022	Multiple	Standards	.168041	-.002696	09/26/08 06:51:38
Ti3372	337.280	Multiple	Standards	.018015	-.001952	09/26/08 06:51:38
Tl1908	190.864	Multiple	Standards	.378364	.002654	09/26/08 06:51:38
V_2924	292.402	Multiple	Standards	.332979	-.000118	09/26/08 06:51:38
Zn2062	206.200	Multiple	Standards	.504333	.000165	09/26/08 06:51:38
Sn1899	189.989	Multiple	Standards	.076223	.000367	09/26/08 06:51:38
Ag3280	328.068	Multiple	Standards	.057452	-.000134	09/26/08 06:51:38

Standardization Readback Report 09/26/08 06:56:50 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000206	-.000206
		STD 1	5.00000	4.98055	.019446
		STD 2	25.0000	24.9411	.058935
		STD 3	50.0000	50.3700	-.370003

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099720	.000280
		STD 2	.500000	.495381	.004619
		STD 3	1.00000	.999857	.000143

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099212	.000788
		STD 2	.500000	.503030	-.003030
		STD 3	1.00000	1.00415	-.004145

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099499	.000501
		STD 2	.500000	.499785	.000215
		STD 3	1.00000	1.00544	-.005441

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100030	-.000030
		STD 2	.500000	.501476	-.001476
		STD 3	1.00000	.997305	.002695

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.026717	-.016191
		STD 3	61.4397	64.4420	-3.00228

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.101384	-.001384
		STD 2	.500000	.499868	.000132
		STD 3	1.00000	.989002	.010998

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100835	-.000835
		STD 2	.500000	.500881	-.000881
		STD 3	1.00000	.992971	.007029

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100402	-.000402
		STD 2	.500000	.500932	-.000932
		STD 3	1.00000	.996287	.003713

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099770	.000230
		STD 2	.500000	.499216	.000784
		STD 3	1.00000	1.00551	-.005512

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000177	.000177
		STD 1	5.00000	5.01963	-.019627
		STD 2	25.0000	25.0494	-.049435
		STD 3	50.0000	49.7341	.265858

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.108546	.052460
		STD 3	72.7834	72.9592	-.175751

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.033567	-.031247
		STD 3	109.006	117.103	-8.09673

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100090	-.000090
		STD 2	.500000	.501359	-.001359
		STD 3	1.00000	.996833	.003167

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099923	.000077
		STD 2	.500000	.500427	-.000427
		STD 3	1.00000	.999089	.000911

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	-.004981	.003931
		STD 3	3.09264	3.10280	-.010153

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100318	-.000318
		STD 2	.500000	.500674	-.000674
		STD 3	1.00000	.993118	.006882

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.103417	-.003417
		STD 2	.500000	.512534	-.012534
		STD 3	1.00000	1.02421	-.024209

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000019	.000019
		STD 1	.100000	.100752	-.000752
		STD 2	.500000	.488765	.011235
		STD 3	1.00000	.971411	.028589

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099412	.000588
		STD 2	.500000	.498745	.001255
		STD 3	1.00000	1.00923	-.009227

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000021	.000021
		STD 1	.100000	.102301	-.002301
		STD 2	.500000	.499840	.000160
		STD 3	1.00000	.977342	.022658

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000022	.000022
		STD 1	.100000	.101060	-.001060
		STD 2	.500000	.483500	.016500
		STD 3	1.00000	.976227	.023773

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099590	.000410
		STD 2	.500000	.500471	-.000471
		STD 3	1.00000	1.00299	-.002994

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000018	-.000018
		STD 1	.100000	.095962	.004038
		STD 2	.500000	.488232	.011768
		STD 3	1.00000	1.00239	-.002391

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100265	-.000265
		STD 2	.500000	.500651	-.000651
		STD 3	1.00000	.996832	.003168

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100863	-.000863
		STD 2	.500000	.501677	-.001677
		STD 3	1.00000	.989883	.010117

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100038	-.000038
		STD 2	.500000	.498990	.001010
		STD 3	1.00000	1.00234	-.002340

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099715	.000285
		STD 2	.500000	.500345	-.000345
		STD 3	1.00000	1.00245	-.002446

CorCoef: 1.00000

Analysis Report Blank Sample 09/26/08 07:02:06 PM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: SW
Run Time: 09/26/08 18:56:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.389	.99987	1.0075	1.0060	.99852	50.290	.99036
SDev	.122	.00587	.0006	.0053	.00168	.040	.00283
%RSD	.24230	.58668	.06054	.52774	.16867	.07929	.28618
#1	50.475	1.0040	1.0071	1.0097	.99971	50.319	.98836
#2	50.302	.99572	1.0079	1.0022	.99733	50.262	.99237
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99428	.99800	1.0045	49.866	50.168	50.363	.99825
SDev	.00109	.00015	.0027	.038	.110	.094	.00099
%RSD	.10912	.01467	.26388	.07628	.21884	.18705	.09951
#1	.99351	.99789	1.0064	49.839	50.246	50.297	.99755
#2	.99504	.99810	1.0027	49.893	50.091	50.430	.99895
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0064	50.034	.99597	.99882	.98505	.98964	.98826
SDev	.0054	.214	.00160	.00604	.00236	.00044	.01116
%RSD	.53380	.42727	.16094	.60440	.23946	.04415	1.1291
#1	1.0026	50.185	.99710	1.0031	.98338	.98994	.98037
#2	1.0102	49.883	.99484	.99455	.98672	.98933	.99615
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0086	.99181	.98650	1.0034	1.0244	1.0001	.99174
SDev	.0078	.00735	.01306	.0023	.0044	.0011	.00347
%RSD	.77678	.74096	1.3242	.23344	.42539	.11330	.35003
#1	1.0031	.98662	.97726	1.0051	1.0275	.99932	.98928
#2	1.0142	.99701	.99574	1.0018	1.0213	1.0009	.99419
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.99688	1.0038
SDev	.00228	.0008
%RSD	.22837	.08407
#1	.99527	1.0044
#2	.99849	1.0032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2884	--	--	--	--	--	--
SDev	10.39443	--	--	--	--	--	--
%RSD	.3604392	--	--	--	--	--	--
#1	2876	--	--	--	--	--	--
#2	2891	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 07:07:21 PM page 1

Method: TRACE2 Sample Name: ICV Operator: SW
Run Time: 09/26/08 19:02:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.927	.37041	.37165	.37803	.37338	18.776	.36976
SDev	.038	.00265	.00122	.00047	.00054	.008	.00018
%RSD	.20097	.71582	.32784	.12342	.14484	.04526	.04871
#1	18.954	.37229	.37252	.37836	.37376	18.782	.36989
#2	18.900	.36854	.37079	.37770	.37300	18.770	.36963
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36626	.38150	.36501	18.473	18.454	18.877	.37567
SDev	.00021	.00054	.00033	.004	.028	.006	.00060
%RSD	.05840	.14176	.08989	.02182	.15182	.03212	.15930
#1	.36641	.38189	.36524	18.476	18.474	18.881	.37609
#2	.36611	.38112	.36478	18.470	18.435	18.873	.37524
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37233	18.818	.37637	.37256	.37261	.37260	.37328
SDev	.00147	.091	.00002	.00147	.00096	.00015	.00028
%RSD	.39592	.48330	.00553	.39392	.25717	.04038	.07374
#1	.37128	18.882	.37638	.37360	.37194	.37249	.37308
#2	.37337	18.754	.37635	.37152	.37329	.37270	.37347
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38584	.37054	.37465	.38570	.38511	.36693	.37535
SDev	.00790	.00282	.00100	.00040	.00654	.00082	.00010
%RSD	2.0468	.76003	.26565	.10448	1.6992	.22317	.02583
#1	.38026	.36855	.37536	.38598	.38974	.36751	.37528
#2	.39143	.37253	.37395	.38542	.38049	.36635	.37542
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.37791	.37180
SDev	.00320	.00077
%RSD	.84811	.20751
#1	.37564	.37234
#2	.38018	.37125
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2916	--	--	--	--	--	--
SDev	7.795956	--	--	--	--	--	--
%RSD	.2673682	--	--	--	--	--	--
#1	2910	--	--	--	--	--	--
#2	2921	--	--	--	--	--	--

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Method: TRACE2 Sample Name: ICB Operator: SW
Run Time: 09/26/08 19:07:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00505	.00434	.00211	-.00002	.00005	.00255	.00022
SDev	.00321	.00203	.00097	.00000	.00001	.00061	.00009
%RSD	63.485	46.815	46.113	4.0405	18.448	23.858	40.034
#1	.00732	.00578	.00142	-.00002	.00005	.00298	.00016
#2	.00278	.00291	.00280	-.00002	.00006	.00212	.00028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00001	.00002	.00873	.02033	.00234	.00004
SDev	.00022	.00011	.00013	.01008	.00361	.00577	.00004
%RSD	24.165	780.21	652.37	115.47	17.758	246.86	99.385
#1	.00074	-.00006	.00011	.00160	.02289	-.00174	.00001
#2	.00104	.00009	-.00007	.01586	.01778	.00642	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.28525	.00019	-.00386	.00341	.00099	.00042
SDev	.00014	.02414	.00010	.00148	.00144	.00047	.00298
%RSD	7.6430	8.4616	53.782	38.326	42.166	47.146	709.87
#1	.00175	.26819	.00012	-.00490	.00443	.00132	-.00169
#2	.00195	.30232	.00026	-.00281	.00239	.00066	.00253
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00371	.00201	-.00037	.00034	-.00056	.00017	.00068
SDev	.00251	.01551	.00328	.00027	.00123	.00089	.00000
%RSD	67.682	773.52	881.37	78.914	219.79	519.70	.43393
#1	.00193	-.00896	.00195	.00015	-.00143	-.00046	.00068
#2	.00548	.01297	-.00269	.00053	.00031	.00080	.00068
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00174	.00001
SDev	.00180	.00114
%RSD	103.22	17047.
#1	.00047	-.00080
#2	.00301	.00081
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2920	--	--	--	--	--	--
SDev	17.12956	--	--	--	--	--	--
%RSD	.5866262	--	--	--	--	--	--
#1	2932	--	--	--	--	--	--
#2	2908	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CRI Operator: SW
Run Time: 09/26/08 19:12:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20926	.01189	.02230	.00219	.00196	.49178	.00112
SDev	.00007	.00173	.00039	.00008	.00002	.00074	.00012
%RSD	.03203	14.581	1.7538	3.4714	.89824	.15107	10.560
#1	.20921	.01067	.02258	.00224	.00195	.49230	.00104
#2	.20931	.01312	.02202	.00214	.00197	.49125	.00121
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00429	.00433	.01039	.05256	.44984	.20399	.00301
SDev	.00017	.00014	.00031	.00833	.00831	.00141	.00003
%RSD	3.9580	3.3163	3.0185	15.847	1.8467	.69134	.96272
#1	.00441	.00443	.01061	.04667	.45571	.20499	.00299
#2	.00417	.00423	.01017	.05845	.44396	.20299	.00303
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01042	H1.5071	.01009	-.00045	.00640	.00412	.01326
SDev	.00054	.1975	.00064	.00074	.00061	.00065	.00628
%RSD	5.2096	13.101	6.3106	163.51	9.4885	15.813	47.352
#1	.01004	H1.6467	.00964	-.00098	.00598	.00366	.01769
#2	.01081	1.3675	.01054	.00007	.00683	.00458	.00882
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02421	.01049	.01464	.00518	.01946	.00540	.01161
SDev	.00389	.00176	.00854	.00011	.00267	.00006	.00032
%RSD	16.071	16.729	58.330	2.0957	13.738	1.1140	2.7892
#1	.02146	.01174	.02067	.00510	.01757	.00545	.01184
#2	.02696	.00925	.00860	.00525	.02135	.00536	.01138
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00859	.00270
SDev	.00007	.00034
%RSD	.77414	12.468
#1	.00854	.00294
#2	.00864	.00246
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2928	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.3622195	--	--	--	--	--	--
#1	2936	--	--	--	--	--	--
#2	2921	--	--	--	--	--	--

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Method: TRACE2 Sample Name: ICSA Operator: SW
Run Time: 09/26/08 19:17:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	526.18	.00232	.00245	.00091	.00094	533.87	-.00018
SDev	1.40	.00254	.00115	.00003	.00001	1.35	.00010
%RSD	.26585	109.72	46.735	3.1773	.59697	.25322	58.628
#1	525.19	.00052	.00326	.00093	.00095	532.91	-.00010
#2	527.17	.00411	.00164	.00089	.00094	534.82	-.00025
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	-.00310	.00084	197.35	.00451	510.28	.00145
SDev	.00035	.00060	.00077	.04	.01237	.25	.00009
%RSD	31.436	19.404	91.697	.02003	274.23	.04813	6.2236
#1	.00136	-.00268	.00138	197.32	.01326	510.45	.00139
#2	.00087	-.00353	.00030	197.37	-.00424	510.10	.00152
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.36780	.00101	.00524	.00702	.00643	-.00108
SDev	.00021	.07310	.00162	.00238	.00517	.00266	.00131
%RSD	28.593	19.876	161.33	45.417	73.712	41.361	122.29
#1	.00060	.31611	.00215	.00692	.00336	.00455	-.00015
#2	.00090	.41949	-.00014	.00356	.01068	.00831	-.00200
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00637	.00875	-.00599	.00156	-.02114	.00010	-.00476
SDev	.00009	.00491	.00443	.00002	.00260	.00053	.00012
%RSD	1.4450	56.170	73.984	1.0225	12.309	500.94	2.5616
#1	.00630	.00527	-.00285	.00158	-.02298	.00048	-.00467
#2	.00643	.01222	-.00912	.00155	-.01930	-.00027	-.00485
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00307	.00005
SDev	.00260	.00025
%RSD	84.621	560.19
#1	.00491	.00023
#2	.00123	-.00013
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2720	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.1910440	--	--	--	--	--	--
#1	2717	--	--	--	--	--	--
#2	2724	--	--	--	--	--	--

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Method: TRACE2 Sample Name: ICSAB Operator: SW
Run Time: 09/26/08 19:23:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	529.06	.11066	.00236	.53004	.50042	536.72	.98818
SDev	2.99	.00038	.00199	.00461	.00290	3.82	.00050
%RSD	.56500	.34111	84.368	.86952	.57960	.71252	.05055
#1	526.95	.11039	.00377	.52678	.49837	534.01	.98854
#2	531.18	.11092	.00095	.53330	.50247	539.42	.98783
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49224	.50857	.52301	98.855	.00093	508.03	.49988
SDev	.00016	.00075	.00391	.071	.00432	.30	.00035
%RSD	.03234	.14809	.74748	.07137	462.01	.05917	.06938
#1	.49235	.50804	.52025	98.905	-.00212	508.25	.50012
#2	.49213	.50911	.52578	98.805	.00399	507.82	.49963
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	.23737	.97352	.04997	.06153	.05768	.04983
SDev	.00007	.23860	.00522	.00206	.00151	.00169	.00072
%RSD	5.7568	100.52	.53575	4.1196	2.4577	2.9371	1.4412
#1	.00134	.40609	.96983	.04852	.06047	.05649	.05034
#2	.00124	.06865	.97720	.05143	.06260	.05888	.04932
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.64271	.03713	.05618	.00274	.09158	.51411	.97626
SDev	.00293	.00502	.00359	.00037	.00507	.00060	.00130
%RSD	.45557	13.513	6.3819	13.419	5.5417	.11622	.13278
#1	.64064	.03358	.05872	.00300	.09517	.51453	.97718
#2	.64478	.04067	.05365	.00248	.08799	.51368	.97534
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00300	.21700
SDev	.00267	.00029
%RSD	89.119	.13214
#1	-.00111	.21720
#2	-.00489	.21679
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2736	--	--	--	--	--	--
SDev	10.97776	--	--	--	--	--	--
%RSD	.4012286	--	--	--	--	--	--
#1	2744	--	--	--	--	--	--
#2	2728	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 07:34:55 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 09/26/08 19:29:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.979	.48612	.49432	.50031	.49322	24.833	.49018
SDev	.003	.00239	.00031	.00119	.00019	.003	.00045
%RSD	.01215	.49253	.06357	.23804	.03828	.01337	.09190
#1	24.977	.48781	.49454	.49947	.49308	24.830	.49050
#2	24.982	.48442	.49410	.50115	.49335	24.835	.48986
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48613	.50802	.48368	24.555	24.728	24.892	.49924
SDev	.00068	.00028	.00016	.014	.024	.008	.00005
%RSD	.13938	.05441	.03373	.05554	.09791	.03107	.01034
#1	.48565	.50822	.48380	24.565	24.745	24.886	.49921
#2	.48661	.50783	.48357	24.545	24.711	24.897	.49928
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49355	25.013	.49693	.49245	.49741	.49576	.49367
SDev	.00233	.085	.00137	.00007	.00015	.00013	.00272
%RSD	.47177	.33874	.27503	.01501	.03036	.02528	.55152
#1	.49190	25.073	.49789	.49240	.49730	.49567	.49174
#2	.49520	24.953	.49596	.49250	.49751	.49584	.49559
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50799	.48759	.49671	.51255	.51345	.49006	.49842
SDev	.00138	.00074	.00371	.00063	.00034	.00010	.00035
%RSD	.27233	.15226	.74748	.12267	.06537	.02112	.06943
#1	.50897	.48706	.49409	.51210	.51369	.48998	.49817
#2	.50701	.48811	.49934	.51299	.51321	.49013	.49866
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50260	.49564
SDev	.00163	.00010
%RSD	.32500	.01935
#1	.50145	.49571
#2	.50376	.49558
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2895	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0787703	--	--	--	--	--	--
#1	2894	--	--	--	--	--	--
#2	2897	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 09/26/08 19:34:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00948	.00323	.00023	.00032	.00013	.00595	.00024
SDev	.00177	.00103	.00048	.00013	.00001	.00006	.00011
%RSD	18.644	31.851	206.15	40.615	6.5514	1.0050	44.551
#1	.00823	.00251	-.00011	.00041	.00012	.00591	.00016
#2	.01073	.00396	.00057	.00023	.00013	.00600	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00013	.00038	.01055	.01518	.00922	.00011
SDev	.00004	.00042	.00016	.01017	.00040	.00377	.00004
%RSD	5.4282	326.84	42.698	96.443	2.6573	40.863	31.803
#1	.00063	-.00017	.00050	.00335	.01489	.01188	.00009
#2	.00068	.00043	.00027	.01774	.01546	.00656	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00177	.47825	.00077	-.00166	.00127	.00029	.00001
SDev	.00039	.17269	.00025	.00321	.00573	.00275	.00057
%RSD	21.877	36.109	32.203	193.03	452.05	943.06	7866.3
#1	.00150	.60036	.00059	.00061	-.00278	-.00165	-.00040
#2	.00204	.35614	.00094	-.00393	.00532	.00224	.00041
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	.00331	-.00165	.00080	.00533	.00052	.00043
SDev	.00356	.00007	.00083	.00002	.00046	.00008	.00086
%RSD	420.29	2.1989	50.221	2.3912	8.5377	15.480	202.29
#1	-.00337	.00326	-.00223	.00079	.00501	.00057	-.00018
#2	.00167	.00337	-.00106	.00082	.00565	.00046	.00104
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00132	.00036
SDev	.00145	.00031
%RSD	110.54	85.105
#1	.00029	.00058
#2	.00235	.00014
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2893	--	--	--	--	--	--
SDev	6.310963	--	--	--	--	--	--
%RSD	.2181507	--	--	--	--	--	--
#1	2897	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854774/(1:5) Operator: SW
Run Time: 09/26/08 19:40:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01074	.00245	.03969	.00528	.00004	37.732	.00007
SDev	.00289	.00206	.00127	.00004	.00002	.034	.00002
%RSD	26.955	84.354	3.2052	.73427	44.484	.08938	36.221
#1	.01278	.00099	.04059	.00525	.00005	37.708	.00008
#2	.00869	.00391	.03879	.00531	.00002	37.756	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00007	.00017	-.00707	3.1769	20.828	-.00004
SDev	.00026	.00079	.00022	.01086	.0205	.058	.00004
%RSD	34.159	1115.3	130.44	153.56	.64462	.27666	97.749
#1	.00094	.00063	.00032	.00061	3.1914	20.787	-.00006
#2	.00057	-.00049	.00001	-.01475	3.1625	20.869	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	282.40	.00032	.00327	-.00110	.00035	.09296
SDev	.00114	.20	.00004	.00151	.00291	.00144	.00425
%RSD	87.176	.06936	11.190	46.135	264.25	407.93	4.5765
#1	.00212	282.54	.00034	.00220	.00096	.00137	.09597
#2	.00050	282.26	.00029	.00433	-.00316	-.00067	.08995
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00072	.09715	.09087	.00024	-.00368	-.00023	.00061
SDev	.00507	.01215	.00031	.00008	.00048	.00066	.00012
%RSD	708.35	12.505	.33830	33.866	13.134	284.43	20.334
#1	.00287	.10574	.09108	.00019	-.00402	.00023	.00052
#2	-.00430	.08856	.09065	.00030	-.00334	-.00070	.00069
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00035	.00026
SDev	.00179	.00035
%RSD	513.27	137.69
#1	-.00092	.00001
#2	.00162	.00051
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2859	--	--	--	--	--	--
SDev	14.37191	--	--	--	--	--	--
%RSD	.5026439	--	--	--	--	--	--
#1	2849	--	--	--	--	--	--
#2	2869	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854775/(1:5) Operator: SW
Run Time: 09/26/08 19:45:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01112	.00173	.06855	.02470	-.00001	4.6002	.00002
SDev	.00053	.00324	.00021	.00003	.00001	.0148	.00011
%RSD	4.7902	187.18	.30929	.11152	79.638	.32262	652.30
#1	.01150	.00402	.06840	.02468	-.00001	4.6107	.00010
#2	.01074	-.00056	.06870	.02472	-.00002	4.5897	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	-.00042	.00016	.04268	.72355	1.2262	.00416
SDev	.00004	.00023	.00011	.00514	.03074	.0006	.00006
%RSD	15.958	55.518	73.043	12.053	4.2489	.04959	1.5170
#1	.00021	-.00026	.00008	.04631	.74529	1.2257	.00420
#2	.00027	-.00059	.00024	.03904	.70181	1.2266	.00412
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	126.79	-.00017	.00031	.00173	.00125	.00121
SDev	.00101	.40	.00032	.00021	.00005	.00003	.00558
%RSD	162.08	.31801	187.45	67.920	2.9558	2.7932	460.01
#1	-.00134	127.08	.00006	.00045	.00169	.00128	.00516
#2	.00009	126.51	-.00039	.00016	.00176	.00123	-.00273
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00289	.00930	-.00283	.00006	.00476	-.00023	.00043
SDev	.00215	.01404	.00135	.00009	.00215	.00016	.00012
%RSD	74.282	150.99	47.722	149.05	45.085	69.761	29.007
#1	-.00441	.01922	-.00187	-.00000	.00628	-.00035	.00051
#2	-.00137	-.00063	-.00378	.00013	.00324	-.00012	.00034
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00064	-.00029
SDev	.00147	.00028
%RSD	227.60	95.577
#1	-.00168	-.00049
#2	.00039	-.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2908	--	--	--	--	--	--
SDev	6.735296	--	--	--	--	--	--
%RSD	.2316415	--	--	--	--	--	--
#1	2903	--	--	--	--	--	--
#2	2912	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD854776/(1:5) Operator: SW
Run Time: 09/26/08 19:50:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03363	.00176	.07771	.01449	.00001	15.781	.00018
SDev	.00731	.00444	.00027	.00005	.00002	.002	.00005
%RSD	21.727	252.68	.34605	.34871	188.05	.01321	25.568
#1	.02846	-.00138	.07790	.01453	-.00000	15.780	.00015
#2	.03880	.00490	.07752	.01446	.00003	15.783	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00013	.00029	.25584	1.3224	3.8125	.01077
SDev	.00007	.00005	.00028	.01362	.0074	.0168	.00012
%RSD	12.713	38.409	95.932	5.3245	.56095	.44004	1.0986
#1	.00052	.00009	.00009	.24621	1.3276	3.8006	.01069
#2	.00062	.00016	.00048	.26547	1.3171	3.8244	.01086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	205.06	.00021	-.00354	.00129	-.00032	.00319
SDev	.00056	.05	.00025	.00261	.00163	.00022	.00419
%RSD	60.477	.02459	119.06	73.569	126.28	69.678	131.16
#1	.00053	205.02	.00038	-.00170	.00014	-.00047	.00615
#2	.00133	205.09	.00003	-.00539	.00245	-.00016	.00023
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00284	.01378	-.00210	.00049	.00291	.00017	.00113
SDev	.00156	.01487	.00116	.00006	.00102	.00024	.00062
%RSD	54.969	107.96	55.095	12.121	35.075	146.47	54.964
#1	-.00173	.02429	-.00292	.00053	.00219	-.00001	.00069
#2	-.00394	.00326	-.00128	.00045	.00363	.00034	.00156
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00045	-.00011
SDev	.00202	.00023
%RSD	445.10	196.58
#1	.00097	.00004
#2	-.00188	-.00027
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2886	--	--	--	--	--	--
SDev	2.969814	--	--	--	--	--	--
%RSD	.1029175	--	--	--	--	--	--
#1	2888	--	--	--	--	--	--
#2	2884	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855023/PB Operator: SW
Run Time: 09/26/08 19:56:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01925	.00472	.00383	.00012	-.00005	.05636	.00018
SDev	.00018	.00210	.00035	.00008	.00001	.00025	.00016
%RSD	.95784	44.509	9.1194	63.869	12.323	.44536	88.716
#1	.01938	.00621	.00359	.00007	-.00004	.05654	.00007
#2	.01912	.00324	.00408	.00018	-.00005	.05618	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00049	.00003	-.00029	.00339	.00444	.00739	-.00004
SDev	.00021	.00011	.00021	.01251	.00540	.00348	.00007
%RSD	44.156	359.79	71.071	368.97	121.54	47.118	178.65
#1	.00064	-.00005	-.00044	.01223	.00826	.00493	-.00009
#2	.00033	.00011	-.00015	-.00545	.00062	.00985	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	.34841	-.00013	-.00024	.00182	.00114	.00092
SDev	.00060	.09486	.00009	.00454	.00034	.00128	.00330
%RSD	102.22	27.226	69.035	1921.0	18.875	112.66	357.84
#1	-.00016	.28134	-.00007	-.00345	.00207	.00023	.00326
#2	-.00101	.41549	-.00019	.00297	.00158	.00204	-.00141
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00216	.00569	-.00146	.00040	-.00116	.00028	.00214
SDev	.00188	.00577	.00207	.00016	.01112	.00040	.00060
%RSD	87.175	101.30	141.78	38.979	958.97	143.76	28.095
#1	-.00349	.00977	.00000	.00029	.00670	-.00000	.00171
#2	-.00083	.00161	-.00293	.00051	-.00902	.00056	.00256
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00188	.00057
SDev	.00020	.00017
%RSD	10.467	29.520
#1	.00175	.00069
#2	.00202	.00045
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2937	--	--	--	--	--	--
SDev	9.492943	--	--	--	--	--	--
%RSD	.3232479	--	--	--	--	--	--
#1	2930	--	--	--	--	--	--
#2	2943	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855022/FB Operator: SW
Run Time: 09/26/08 20:01:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8764	.20048	.19841	.20154	.19576	9.9132	.19614
SDev	.0190	.00376	.00156	.00040	.00042	.0208	.00007
%RSD	.19204	1.8760	.78892	.20020	.21387	.21020	.03762
#1	9.8630	.20314	.19730	.20126	.19546	9.8985	.19608
#2	9.8898	.19782	.19952	.20183	.19605	9.9280	.19619
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19562	.19572	.19373	9.8373	9.6683	9.9149	.19640
SDev	.00038	.00006	.00000	.0002	.0122	.0255	.00001
%RSD	.19253	.02980	.00064	.00184	.12631	.25702	.00347
#1	.19536	.19568	.19373	9.8374	9.6769	9.8969	.19640
#2	.19589	.19576	.19373	9.8371	9.6596	9.9329	.19639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19624	10.240	.19542	.19572	.19569	.19570	.19350
SDev	.00175	.082	.00009	.00319	.00250	.00060	.00304
%RSD	.89299	.79802	.04559	1.6324	1.2762	.30755	1.5736
#1	.19501	10.298	.19549	.19346	.19746	.19613	.19135
#2	.19748	10.182	.19536	.19798	.19393	.19528	.19566
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19787	.19040	.19506	.19619	.20609	.19518	.19664
SDev	.00399	.00353	.00633	.00031	.00559	.00060	.00025
%RSD	2.0161	1.8552	3.2471	.15680	2.7141	.31014	.12543
#1	.19505	.19290	.19058	.19597	.21004	.19475	.19646
#2	.20069	.18790	.19953	.19640	.20213	.19561	.19681
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19947	.04884
SDev	.00034	.00011
%RSD	.16877	.23052
#1	.19970	.04876
#2	.19923	.04892
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2931	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.3076029	--	--	--	--	--	--
#1	2925	--	--	--	--	--	--
#2	2937	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855021/PB Operator: SW
Run Time: 09/26/08 20:06:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02271	.00316	.00496	.00008	-.00006	.05313	.00013
SDev	.00129	.00037	.00007	.00003	.00002	.00045	.00003
%RSD	5.7027	11.811	1.4273	33.530	28.990	.84292	23.507
#1	.02362	.00290	.00501	.00006	-.00005	.05345	.00015
#2	.02179	.00342	.00491	.00011	-.00008	.05282	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00077	.00031	.00039	.01345	.01178	.00141	.00002
SDev	.00004	.00014	.00073	.00189	.00156	.00037	.00002
%RSD	4.8512	46.167	188.77	14.049	13.226	26.057	78.691
#1	.00074	.00021	-.00013	.01479	.01067	.00166	.00001
#2	.00080	.00041	.00090	.01211	.01288	.00115	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00085	.12871	.00086	-.00816	.00249	-.00106	.00121
SDev	.00035	.09409	.00073	.00231	.00173	.00038	.00085
%RSD	41.706	73.105	85.904	28.279	69.570	36.331	70.424
#1	.00110	.19524	.00034	-.00653	.00126	-.00133	.00061
#2	.00060	.06218	.00138	-.00979	.00371	-.00079	.00182
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00280	-.00099	.00231	.00020	-.00564	.00028	.00238
SDev	.00163	.00854	.00555	.00008	.01210	.00008	.00025
%RSD	58.168	866.54	240.02	40.139	214.47	29.395	10.458
#1	.00396	.00505	-.00161	.00026	L-.01420	.00033	.00255
#2	.00165	-.00702	.00624	.00014	.00291	.00022	.00220
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00132	-.00053
SDev	.00155	.00034
%RSD	117.52	64.232
#1	-.00242	-.00029
#2	-.00022	-.00077
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2966	--	--	--	--	--	--
SDev	10.65977	--	--	--	--	--	--
%RSD	.3593641	--	--	--	--	--	--
#1	2959	--	--	--	--	--	--
#2	2974	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855020/FB Operator: SW
Run Time: 09/26/08 20:11:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9453	.19909	.20158	.20285	.19708	9.9666	.19834
SDev	.0112	.00145	.00091	.00029	.00021	.0183	.00022
%RSD	.11244	.72867	.45015	.14450	.10497	.18404	.10880
#1	9.9374	.19807	.20094	.20264	.19693	9.9536	.19849
#2	9.9532	.20012	.20222	.20305	.19723	9.9796	.19819
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19771	.19851	.19417	10.064	9.7976	10.010	.19846
SDev	.00047	.00051	.00087	.008	.0240	.016	.00013
%RSD	.23532	.25555	.44694	.08263	.24451	.16262	.06308
#1	.19804	.19887	.19355	10.058	9.8146	10.022	.19855
#2	.19738	.19815	.19478	10.070	9.7807	9.9987	.19837
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19868	10.365	.19860	.19365	.19875	.19705	.19528
SDev	.00155	.070	.00083	.00218	.00158	.00033	.00641
%RSD	.77976	.67721	.41768	1.1249	.79530	.16692	3.2838
#1	.19758	10.415	.19801	.19210	.19987	.19728	.19075
#2	.19978	10.316	.19919	.19519	.19763	.19682	.19982
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19780	.19700	.19442	.19802	.20076	.19677	.19736
SDev	.00007	.01557	.00183	.00112	.00272	.00006	.00063
%RSD	.03498	7.9041	.94304	.56760	1.3529	.03098	.31646
#1	.19775	.18599	.19313	.19723	.19884	.19681	.19780
#2	.19785	.20801	.19572	.19882	.20268	.19672	.19692
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20339	.04946
SDev	.00410	.00017
%RSD	2.0180	.34496
#1	.20048	.04934
#2	.20629	.04958
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2955	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0717966	--	--	--	--	--	--
#1	2953	--	--	--	--	--	--
#2	2956	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855002 Operator: SW
Run Time: 09/26/08 20:17:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02988	.00700	.01768	.07524	-.00008	185.99	.00011
SDev	.00176	.00331	.00135	.00015	.00001	.63	.00004
%RSD	5.8786	47.244	7.6504	.19627	8.7056	.33923	37.422
#1	.02864	.00934	.01672	.07514	-.00008	185.54	.00014
#2	.03112	.00466	.01863	.07535	-.00009	186.44	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	.00055	.00135	2.3291	1.3035	65.511	.23306
SDev	.00018	.00011	.00027	.0028	.0012	.011	.00024
%RSD	11.865	20.143	20.229	.12197	.09176	.01721	.10363
#1	.00139	.00047	.00116	2.3271	1.3026	65.519	.23323
#2	.00164	.00062	.00155	2.3312	1.3043	65.503	.23288
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	8.3368	.00257	-.00402	.00118	-.00055	.00336
SDev	.00063	.0316	.00012	.00029	.00112	.00065	.00124
%RSD	26.838	.37909	4.6612	7.2174	94.699	118.38	36.767
#1	.00189	8.3592	.00248	-.00381	.00039	-.00101	.00424
#2	.00278	8.3145	.00265	-.00422	.00197	-.00009	.00249
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00081	.00464	.00047	-.00221	.00035	.01251
SDev	.00169	.01216	.00423	.00006	.00522	.00024	.00010
%RSD	196.23	1494.4	91.182	12.638	236.09	67.603	.76433
#1	-.00033	.00941	.00165	.00051	.00148	.00019	.01257
#2	.00206	-.00779	.00762	.00043	-.00590	.00052	.01244
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00006	-.00009
SDev	.00426	.00032
%RSD	6844.6	368.53
#1	-.00295	-.00031
#2	.00307	.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2962	--	--	--	--	--	--
SDev	5.992799	--	--	--	--	--	--
%RSD	.2023065	--	--	--	--	--	--
#1	2966	--	--	--	--	--	--
#2	2958	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855003 Operator: SW
Run Time: 09/26/08 20:22:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02250	.04739	.06220	.11884	-.00003	119.42	-.00004
SDev	.00183	.00147	.00040	.00016	.00002	.23	.00005
%RSD	8.1144	3.0990	.64035	.13199	62.931	.19393	136.12
#1	.02379	.04635	.06248	.11873	-.00005	119.26	-.00007
#2	.02121	.04843	.06192	.11895	-.00002	119.59	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01069	.00002	.00003	21.306	.82473	68.444	.08072
SDev	.00027	.00007	.00002	.014	.00358	.000	.00006
%RSD	2.5213	496.99	56.533	.06800	.43449	.00023	.07832
#1	.01050	-.00004	.00004	21.316	.82220	68.444	.08067
#2	.01088	.00007	.00002	21.296	.82727	68.444	.08076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00230	20.645	.01735	-.00407	.00147	-.00038	.00238
SDev	.00073	.153	.00030	.00090	.00018	.00042	.00341
%RSD	31.546	.74022	1.7432	22.142	12.386	111.68	143.14
#1	.00281	20.537	.01756	-.00343	.00159	-.00008	.00479
#2	.00179	20.753	.01713	-.00471	.00134	-.00068	-.00003
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00127	.00411	.00152	.00053	-.00084	.00002	.00852
SDev	.00052	.00305	.00359	.00004	.00672	.00000	.00038
%RSD	41.334	74.135	236.68	8.2453	797.22	2.1150	4.4643
#1	-.00164	.00627	.00406	.00050	.00391	.00002	.00825
#2	-.00090	.00196	-.00102	.00056	-.00560	.00002	.00879
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00277	-.00054
SDev	.00099	.00010
%RSD	35.874	17.987
#1	.00347	-.00061
#2	.00207	-.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2919	--	--	--	--	--	--
SDev	4.825969	--	--	--	--	--	--
%RSD	.1653317	--	--	--	--	--	--
#1	2922	--	--	--	--	--	--
#2	2916	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855004 Operator: SW
Run Time: 09/26/08 20:27:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02683	.00264	.02205	.06651	-.00002	87.244	.00001
SDev	.00140	.00148	.00088	.00003	.00000	.164	.00012
%RSD	5.2382	56.112	3.9699	.04619	14.892	.18848	1053.2
#1	.02584	.00369	.02143	.06649	-.00002	87.360	.00009
#2	.02782	.00159	.02267	.06654	-.00002	87.128	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00318	-.00003	.00241	.09378	1.7471	46.215	.17126
SDev	.00036	.00036	.00004	.00140	.0087	.035	.00012
%RSD	11.488	1271.3	1.5968	1.4978	.49629	.07678	.06757
#1	.00344	.00022	.00238	.09477	1.7532	46.190	.17134
#2	.00292	-.00028	.00243	.09279	1.7410	46.240	.17118
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	6.3466	.00639	-.00071	-.00023	-.00039	.00187
SDev	.00093	.1684	.00061	.00062	.00111	.00054	.00411
%RSD	565.43	2.6528	9.5411	87.242	476.19	136.65	219.28
#1	.00049	6.2276	.00682	-.00115	.00055	-.00001	.00478
#2	-.00082	6.4657	.00596	-.00027	-.00102	-.00077	-.00103
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00396	.00210	.00176	.00077	-.00185	.00062	.00765
SDev	.00304	.00667	.00950	.00021	.00140	.00008	.00038
%RSD	76.669	317.55	539.13	27.119	75.513	13.295	4.9339
#1	-.00611	-.00261	.00848	.00062	-.00086	.00068	.00792
#2	-.00181	.00681	-.00495	.00092	-.00284	.00056	.00739
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00216	.00003
SDev	.00059	.00062
%RSD	27.367	1970.4
#1	.00258	-.00041
#2	.00174	.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2930	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1701310	--	--	--	--	--	--
#1	2927	--	--	--	--	--	--
#2	2934	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 08:39:25 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 09/26/08 20:34:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.057	.48952	.49544	.50241	.49437	24.885	.49141
SDev	.125	.00211	.00103	.00253	.00207	.087	.00069
%RSD	.50000	.43092	.20706	.50374	.41829	.35061	.14025
#1	25.146	.48803	.49471	.50420	.49583	24.947	.49190
#2	24.969	.49101	.49617	.50062	.49291	24.823	.49093
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48812	.50883	.48582	24.619	24.657	25.083	.49982
SDev	.00085	.00005	.00167	.026	.033	.016	.00046
%RSD	.17491	.01016	.34398	.10559	.13240	.06556	.09098
#1	.48873	.50887	.48700	24.637	24.680	25.094	.50014
#2	.48752	.50880	.48464	24.600	24.634	25.071	.49950
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49566	25.145	.49822	.50000	.49497	.49664	.50473
SDev	.00091	.178	.00209	.00604	.00098	.00266	.00017
%RSD	.18353	.70709	.41907	1.2079	.19756	.53627	.03396
#1	.49502	25.271	.49970	.50427	.49566	.49853	.50485
#2	.49630	25.020	.49675	.49573	.49428	.49476	.50461
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50989	.50657	.50381	.51511	.50143	.49063	.49958
SDev	.00326	.00763	.00356	.00201	.00306	.00036	.00145
%RSD	.63981	1.5067	.70645	.38989	.61008	.07435	.28958
#1	.50758	.51196	.50130	.51653	.49927	.49089	.50060
#2	.51220	.50117	.50633	.51369	.50360	.49037	.49856
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50936	.49730
SDev	.00114	.00199
%RSD	.22353	.39989
#1	.51017	.49871
#2	.50856	.49590
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2891	--	--	--	--	--	--
SDev	5.515468	--	--	--	--	--	--
%RSD	.1907542	--	--	--	--	--	--
#1	2888	--	--	--	--	--	--
#2	2895	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 08:44:42 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 09/26/08 20:39:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	.00168	.00098	-.00003	.00002	.00105	.00007
SDev	.00659	.00211	.00059	.00004	.00002	.00023	.00029
%RSD	848.00	125.76	60.440	137.84	83.106	21.523	434.57
#1	-.00388	.00019	.00056	-.00000	.00003	.00089	-.00014
#2	.00544	.00317	.00140	-.00006	.00001	.00121	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00052	.00049	-.00292	-.00927	-.00111	-.00008
SDev	.00059	.00077	.00052	.02159	.03192	.00023	.00005
%RSD	138.56	149.33	106.39	739.79	344.45	20.753	71.170
#1	.00001	-.00003	.00012	-.01818	.01330	-.00128	-.00011
#2	.00084	.00106	.00086	.01235	-.03183	-.00095	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.23397	-.00012	-.00181	.00069	-.00014	.00183
SDev	.00208	.04210	.00052	.00336	.00029	.00131	.00216
%RSD	171.99	17.996	420.04	185.61	41.240	936.57	118.20
#1	.00268	.26374	-.00049	.00056	.00090	.00079	.00335
#2	-.00026	.20420	.00024	-.00418	.00049	-.00106	.00030
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00387	.00140	.00204	.00018	-.00001	.00023	.00051
SDev	.00085	.00593	.00027	.00041	.00018	.00065	.00049
%RSD	21.889	423.96	13.393	229.39	1299.5	283.89	96.204
#1	.00446	.00559	.00223	.00047	-.00014	-.00023	.00016
#2	.00327	-.00280	.00185	-.00011	.00011	.00069	.00086
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00212	-.00008
SDev	.00460	.00041
%RSD	217.45	483.03
#1	.00537	-.00037
#2	-.00114	.00020
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2891	--	--	--	--	--	--
SDev	4.454807	--	--	--	--	--	--
%RSD	.1541109	--	--	--	--	--	--
#1	2894	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855014 Operator: SW
Run Time: 09/26/08 20:44:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14664	.01907	1.4138	.27741	.00017	472.26	-.00014
SDev	.00107	.00227	.0019	.00015	.00000	.06	.00002
%RSD	.73126	11.893	.13327	.05327	2.6219	.01268	11.701
#1	.14740	.02068	1.4151	.27730	.00016	472.30	-.00013
#2	.14588	.01747	1.4124	.27751	.00017	472.22	-.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	.02188	.00053	.05968	33.463	187.62	9.0057
SDev	.00019	.00031	.00064	.00633	.031	.31	.0102
%RSD	13.553	1.4263	120.63	10.614	.09124	.16622	.11375
#1	.00151	.02166	.00008	.05520	33.442	187.84	9.0129
#2	.00124	.02210	.00098	.06416	33.485	187.40	8.9984
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	108.95	.01862	-.00715	-.00025	-.00255	.00031
SDev	.00033	.11	.00032	.00287	.00013	.00105	.00642
%RSD	3333.9	.10426	1.7372	40.192	52.970	41.026	2055.9
#1	-.00025	108.87	.01839	-.00512	-.00016	-.00181	-.00423
#2	.00023	109.03	.01884	-.00919	-.00034	-.00329	.00485
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00170	.00302	-.00104	.00973	-.00217	.01922	.01803
SDev	.00276	.01027	.00450	.00016	.00230	.00021	.00021
%RSD	162.36	339.76	431.07	1.6925	105.97	1.0919	1.1914
#1	-.00365	-.00424	-.00422	.00962	-.00054	.01907	.01788
#2	.00025	.01029	.00214	.00985	-.00379	.01937	.01819
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00260	-.00047
SDev	.00044	.00018
%RSD	16.909	39.411
#1	.00291	-.00034
#2	.00229	-.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2849	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1973015	--	--	--	--	--	--
#1	2845	--	--	--	--	--	--
#2	2853	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855015 Operator: SW
Run Time: 09/26/08 20:50:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10484	.03988	2.2892	.59297	.00008	H631.26	.00003
SDev	.00280	.00182	.0053	.00176	.00001	3.35	.00002
%RSD	2.6660	4.5686	.22992	.29690	13.673	.53017	55.461
#1	.10286	.03859	2.2855	.59173	.00007	H628.89	.00004
#2	.10681	.04117	2.2929	.59422	.00008	H633.63	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00841	.02286	.00017	.97992	114.81	208.95	9.9335
SDev	.00027	.00065	.00016	.01279	.03	.34	.0133
%RSD	3.2393	2.8608	89.769	1.3056	.02720	.16115	.13426
#1	.00860	.02240	.00028	.97087	114.79	208.71	9.9241
#2	.00821	.02333	.00006	.98897	114.83	209.19	9.9429
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	269.51	.05186	-.00222	.00023	-.00058	.00127
SDev	.00076	.74	.00029	.00097	.00092	.00029	.00295
%RSD	29.477	.27472	.55163	43.692	392.11	49.741	232.09
#1	.00205	268.99	.05166	-.00153	-.00042	-.00079	-.00081
#2	.00313	270.03	.05207	-.00290	.00088	-.00038	.00335
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	.01023	-.00321	.00585	-.00646	.03458	.00893
SDev	.00314	.00200	.00342	.00021	.00512	.00001	.00002
%RSD	79.495	19.584	106.41	3.5953	79.315	.04178	.19681
#1	.00616	.00881	-.00563	.00600	-.00284	.03457	.00894
#2	.00173	.01165	-.00080	.00570	L-.01008	.03459	.00892
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00233	.00022
SDev	.00102	.00091
%RSD	43.636	406.09
#1	.00305	.00086
#2	.00161	-.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2873	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1956789	--	--	--	--	--	--
#1	2869	--	--	--	--	--	--
#2	2877	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855005 Operator: SW
Run Time: 09/26/08 20:55:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10766	.02224	.32619	.37296	-.00002	210.05	-.00024
SDev	.00024	.00203	.00001	.00124	.00002	.54	.00003
%RSD	.22280	9.1218	.00409	.33356	102.15	.25684	11.957
#1	.10783	.02367	.32618	.37384	-.00004	210.43	-.00026
#2	.10749	.02080	.32620	.37208	-.00001	209.67	-.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	-.00028	.00051	26.924	6.8718	112.46	.15676
SDev	.00047	.00005	.00003	.002	.0075	.12	.00031
%RSD	40.786	17.507	4.9460	.00879	.10983	.10867	.19746
#1	.00148	-.00031	.00049	26.923	6.8771	112.55	.15654
#2	.00082	-.00025	.00052	26.926	6.8664	112.38	.15698
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	79.245	.01894	-.00555	.00158	-.00080	.00005
SDev	.00048	.319	.00033	.00027	.00252	.00177	.00066
%RSD	114.95	.40275	1.7637	4.9297	160.03	222.75	1354.7
#1	-.00008	79.471	.01870	-.00574	-.00021	-.00205	-.00042
#2	-.00075	79.020	.01917	-.00535	.00336	.00046	.00051
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00195	.00287	-.00136	.00054	.00098	.00158	.02679
SDev	.00084	.01213	.00705	.00016	.00955	.00040	.00072
%RSD	43.014	421.98	516.55	30.718	976.33	25.432	2.7049
#1	-.00135	.01145	-.00635	.00065	-.00578	.00186	.02731
#2	-.00254	-.00570	.00362	.00042	.00773	.00129	.02628
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00021	-.00059
SDev	.00393	.00044
%RSD	1869.3	75.743
#1	.00299	-.00027
#2	-.00257	-.00090
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2933	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0180832	--	--	--	--	--	--
#1	2933	--	--	--	--	--	--
#2	2932	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855005/L (1:5) Operator: SW
Run Time: 09/26/08 21:00:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02794	.00519	.06551	.07448	-.00001	41.935	.00001
SDev	.00212	.00469	.00066	.00030	.00001	.130	.00011
%RSD	7.5749	90.334	1.0010	.40686	202.02	.30946	1397.9
#1	.02944	.00187	.06504	.07426	.00000	41.843	-.00007
#2	.02645	.00850	.06597	.07469	-.00001	42.026	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	-.00018	.00026	5.4245	1.2226	22.468	.03136
SDev	.00003	.00020	.00015	.0062	.0255	.051	.00002
%RSD	8.0176	109.32	58.089	.11465	2.0830	.22538	.06494
#1	.00041	-.00032	.00016	5.4289	1.2046	22.432	.03135
#2	.00046	-.00004	.00037	5.4201	1.2407	22.503	.03138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00004	16.237	.00389	.00001	.00061	.00041	.00219
SDev	.00175	.008	.00003	.00189	.00018	.00051	.00078
%RSD	4222.5	.04800	.70109	12993.	29.841	123.51	35.713
#1	-.00128	16.232	.00387	-.00132	.00074	.00005	.00275
#2	.00120	16.243	.00391	.00135	.00048	.00077	.00164
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.00854	-.00098	.00059	.00258	-.00003	.00563
SDev	.00374	.01092	.00663	.00027	.00134	.00057	.00013
%RSD	207.00	127.82	677.95	45.156	51.914	2125.5	2.3464
#1	-.00084	.00082	.00371	.00040	.00352	-.00043	.00554
#2	.00445	.01626	-.00567	.00078	.00163	.00038	.00573
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00159	.00016
SDev	.00329	.00095
%RSD	206.78	582.91
#1	-.00074	-.00051
#2	.00392	.00084
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2902	--	--	--	--	--	--
SDev	5.144133	--	--	--	--	--	--
%RSD	.1772471	--	--	--	--	--	--
#1	2906	--	--	--	--	--	--
#2	2899	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855005/PS Operator: SW
Run Time: 09/26/08 21:05:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.626	.22135	.52807	.58065	.20034	216.64	.19592
SDev	.025	.00339	.00016	.00213	.00084	.67	.00054
%RSD	.23275	1.5311	.03016	.36639	.41707	.30819	.27410
#1	10.609	.21895	.52795	.57915	.19975	216.17	.19554
#2	10.644	.22374	.52818	.58216	.20093	217.11	.19630
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19619	.19826	.19934	36.230	17.980	120.25	.35238
SDev	.00017	.00026	.00102	.016	.035	.08	.00036
%RSD	.08826	.13339	.51155	.04466	.19196	.07002	.10350
#1	.19607	.19807	.19862	36.219	17.956	120.19	.35213
#2	.19632	.19844	.20006	36.242	18.005	120.31	.35264
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20140	88.822	.21255	.19268	.19649	.19522	.20340
SDev	.00187	.272	.00004	.00097	.00096	.00096	.00001
%RSD	.92948	.30665	.01886	.50265	.48920	.49362	.00674
#1	.20007	88.629	.21252	.19200	.19581	.19454	.20341
#2	.20272	89.015	.21258	.19337	.19717	.19591	.20339
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20568	.20917	.20052	.20309	.20118	.20269	.22004
SDev	.00436	.00383	.00194	.00056	.00797	.00030	.00040
%RSD	2.1218	1.8332	.96639	.27478	3.9605	.14562	.18331
#1	.20260	.20646	.20189	.20269	.19554	.20290	.21976
#2	.20877	.21188	.19915	.20348	.20681	.20248	.22033
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.16958	.05104
SDev	.00165	.00062
%RSD	.97142	1.2070
#1	.17075	.05061
#2	.16842	.05148
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2886	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.2958709	--	--	--	--	--	--
#1	2892	--	--	--	--	--	--
#2	2880	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855006/MS Operator: SW
Run Time: 09/26/08 21:11:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.101	.22595	.49922	.57223	.19729	216.20	.19317
SDev	.034	.00211	.00114	.00101	.00069	1.19	.00042
%RSD	.33823	.93423	.22907	.17701	.35005	.54901	.22007
#1	10.077	.22744	.49841	.57151	.19681	215.36	.19287
#2	10.125	.22446	.50003	.57294	.19778	217.04	.19347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19420	.19669	.19753	36.486	16.424	120.71	.35053
SDev	.00061	.00107	.00145	.058	.080	.34	.00067
%RSD	.31499	.54264	.73406	.15887	.48685	.27880	.19172
#1	.19377	.19593	.19651	36.445	16.481	120.47	.35005
#2	.19463	.19744	.19856	36.527	16.368	120.95	.35100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19892	87.705	.21031	.19854	.19199	.19417	.19846
SDev	.00036	.592	.00101	.00201	.00004	.00064	.00225
%RSD	.18199	.67547	.48099	1.0131	.02172	.33063	1.1335
#1	.19918	87.286	.20960	.19712	.19202	.19372	.19687
#2	.19866	88.124	.21103	.19996	.19196	.19463	.20005
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20447	.21406	.19066	.19974	.19715	.19986	.19812
SDev	.00090	.01137	.00231	.00107	.00236	.00099	.00122
%RSD	.44200	5.3093	1.2105	.53346	1.1949	.49667	.61429
#1	.20383	.20602	.19230	.19899	.19548	.19916	.19726
#2	.20511	.22209	.18903	.20049	.19881	.20056	.19899
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20353	.05158
SDev	.00257	.00067
%RSD	1.2612	1.3020
#1	.20172	.05111
#2	.20535	.05206
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2893	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1942992	--	--	--	--	--	--
#1	2889	--	--	--	--	--	--
#2	2897	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855007/SD Operator: SW
Run Time: 09/26/08 21:16:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9207	.22109	.49156	.56144	.19418	211.93	.19003
SDev	.0188	.00306	.00021	.00118	.00021	.19	.00068
%RSD	.18918	1.3861	.04338	.21047	.11026	.08860	.35616
#1	9.9075	.21892	.49171	.56060	.19403	211.79	.19051
#2	9.9340	.22326	.49141	.56227	.19433	212.06	.18955
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19145	.19278	.19498	35.456	16.049	117.49	.34573
SDev	.00005	.00039	.00060	.022	.020	.12	.00023
%RSD	.02441	.20369	.30608	.06213	.12396	.10156	.06618
#1	.19142	.19250	.19456	35.471	16.063	117.57	.34589
#2	.19148	.19306	.19541	35.440	16.035	117.41	.34556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19627	86.017	.20714	.18544	.19218	.18994	.19835
SDev	.00039	.072	.00015	.00382	.00106	.00057	.00189
%RSD	.19846	.08335	.07200	2.0605	.54948	.29906	.95314
#1	.19599	86.068	.20724	.18814	.19144	.19034	.19702
#2	.19654	85.967	.20703	.18274	.19293	.18954	.19969
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19772	.20246	.19631	.19575	.19636	.19593	.21456
SDev	.00216	.00746	.00089	.00007	.00069	.00064	.00011
%RSD	1.0939	3.6845	.45532	.03473	.35352	.32440	.05173
#1	.19925	.19718	.19694	.19579	.19685	.19638	.21463
#2	.19619	.20773	.19567	.19570	.19587	.19548	.21448
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.19530	.05026
SDev	.00070	.00083
%RSD	.35619	1.6600
#1	.19481	.05085
#2	.19579	.04967
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2911	--	--	--	--	--	--
SDev	.1591681	--	--	--	--	--	--
%RSD	.0054669	--	--	--	--	--	--
#1	2912	--	--	--	--	--	--
#2	2911	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855008 Operator: SW
Run Time: 09/26/08 21:21:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02665	.00992	.01709	.07607	-.00002	68.341	.00003
SDev	.00151	.00249	.00003	.00026	.00000	.164	.00007
%RSD	5.6825	25.086	.17460	.34431	11.990	.23998	214.85
#1	.02772	.00816	.01707	.07625	-.00002	68.457	-.00002
#2	.02558	.01168	.01712	.07588	-.00002	68.225	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00031	.00035	1.4888	.71036	37.196	.07740
SDev	.00051	.00022	.00022	.0108	.01102	.006	.00003
%RSD	121.40	71.740	61.721	.72643	1.5508	.01496	.03462
#1	.00077	.00046	.00020	1.4964	.71815	37.192	.07738
#2	.00006	.00015	.00051	1.4811	.70257	37.200	.07742
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	5.7437	.00148	-.00435	.00171	-.00031	.00229
SDev	.00098	.0483	.00021	.00319	.00051	.00073	.00109
%RSD	54.844	.84139	14.542	73.450	29.676	235.19	47.578
#1	.00109	5.7095	.00163	-.00661	.00207	-.00082	.00306
#2	.00248	5.7779	.00133	-.00209	.00135	.00020	.00152
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00940	-.00127	.00052	.00162	.00003	.00800
SDev	.00133	.00748	.00211	.00023	.00481	.00040	.00037
%RSD	124.23	79.533	166.14	45.101	296.16	1273.3	4.5791
#1	.00013	.01469	-.00276	.00035	-.00178	.00032	.00825
#2	.00200	.00411	.00022	.00069	.00503	-.00025	.00774
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00141	.00006
SDev	.00103	.00044
%RSD	73.230	719.24
#1	.00214	-.00025
#2	.00068	.00038
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2930	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0108657	--	--	--	--	--	--
#1	2930	--	--	--	--	--	--
#2	2930	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855009 Operator: SW
Run Time: 09/26/08 21:26:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02235	.00165	.02953	.04276	-.00002	119.42	.00005
SDev	.00299	.00124	.00088	.00007	.00003	.02	.00013
%RSD	13.356	74.837	2.9934	.15414	148.00	.01481	243.21
#1	.02447	.00253	.03015	.04281	.00000	119.44	.00015
#2	.02024	.00078	.02890	.04272	-.00004	119.41	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	-.00004	.00018	2.8005	1.3824	62.290	.24064
SDev	.00066	.00021	.00058	.0038	.0037	.021	.00043
%RSD	31.013	522.60	328.23	.13723	.26777	.03294	.17964
#1	.00258	.00011	.00058	2.8033	1.3850	62.304	.24094
#2	.00166	-.00019	-.00023	2.7978	1.3797	62.275	.24033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	9.2021	.00151	-.00508	.00375	.00081	-.00752
SDev	.00020	.0934	.00056	.00054	.00187	.00107	.00207
%RSD	73.492	1.0146	36.800	10.599	49.815	131.91	27.541
#1	.00013	9.1361	.00191	-.00546	.00507	.00156	-.00898
#2	.00041	9.2681	.00112	-.00470	.00243	.00005	-.00605
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00214	-.00918	-.00669	.00218	.00023	.00001	.00399
SDev	.00609	.00489	.00555	.00336	.00462	.00024	.00001
%RSD	284.51	53.269	82.988	153.81	2033.7	1931.0	.34815
#1	.00217	-.00572	-.01061	.00455	.00350	.00018	.00400
#2	-.00645	-.01264	-.00276	-.00019	-.00304	-.00016	.00398
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00323	-.00048
SDev	.00426	.00052
%RSD	132.03	107.71
#1	-.00021	-.00011
#2	-.00624	-.00085
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2898	--	--	--	--	--	--
SDev	10.55343	--	--	--	--	--	--
%RSD	.3641578	--	--	--	--	--	--
#1	2891	--	--	--	--	--	--
#2	2906	--	--	--	--	--	--

Analysis Report 09/26/08 09:37:21 PM page 1

Method: TRACE2 Sample Name: AD855010 Operator: SW
Run Time: 09/26/08 21:32:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02852	.00601	.01809	.11995	.00001	117.21	.00019
SDev	.00071	.00239	.00066	.00011	.00003	.12	.00008
%RSD	2.4870	39.804	3.6249	.09269	271.47	.09892	40.603
#1	.02903	.00432	.01763	.12003	-.00001	117.29	.00013
#2	.02802	.00770	.01855	.11988	.00003	117.13	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.00039	.00247	-.00066	.95446	48.150	.25573
SDev	.00004	.00001	.00033	.00567	.00576	.035	.00021
%RSD	3.2716	3.0366	13.340	856.82	.60369	.07275	.08189
#1	.00107	.00040	.00223	-.00467	.95854	48.175	.25588
#2	.00112	.00038	.00270	.00335	.95039	48.125	.25559
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	3.1222	.00427	-.00147	.00086	.00009	-.00328
SDev	.00081	.0057	.00033	.00403	.00135	.00044	.00166
%RSD	275.94	.18217	7.6321	274.45	157.34	513.75	50.631
#1	-.00028	3.1181	.00404	-.00432	.00182	-.00022	-.00446
#2	.00087	3.1262	.00450	.00138	-.00010	.00040	-.00211
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00314	-.00188	-.00398	.00098	.00310	.00160	.00640
SDev	.00350	.00702	.00600	.00035	.00095	.00033	.00026
%RSD	111.54	372.46	150.73	35.326	30.728	20.478	4.0149
#1	.00561	.00308	-.00823	.00074	.00243	.00137	.00622
#2	.00066	-.00685	.00026	.00123	.00377	.00183	.00659
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00110	.00057
SDev	.00267	.00043
%RSD	242.96	76.596
#1	.00298	.00026
#2	-.00079	.00087
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2910	--	--	--	--	--	--
SDev	5.674463	--	--	--	--	--	--
%RSD	.1949912	--	--	--	--	--	--
#1	2914	--	--	--	--	--	--
#2	2906	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 09:43:58 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 09/26/08 21:38:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.155	.48802	.49646	.50536	.49556	24.940	.48968
SDev	.099	.00423	.00045	.00259	.00200	.106	.00008
%RSD	.39533	.86637	.09019	.51294	.40398	.42565	.01627
#1	25.226	.48503	.49678	.50719	.49698	25.015	.48974
#2	25.085	.49101	.49614	.50353	.49415	24.865	.48963
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48676	.50714	.48736	24.521	24.675	24.981	.49900
SDev	.00037	.00088	.00182	.007	.016	.017	.00011
%RSD	.07615	.17394	.37353	.02941	.06346	.06791	.02188
#1	.48702	.50776	.48864	24.526	24.664	24.993	.49893
#2	.48650	.50652	.48607	24.516	24.686	24.969	.49908
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49476	25.091	.49849	.49325	.49884	.49698	.49996
SDev	.00185	.240	.00310	.00068	.00134	.00112	.00383
%RSD	.37369	.95782	.62118	.13781	.26834	.22520	.76525
#1	.49345	24.921	.50068	.49373	.49979	.49777	.50266
#2	.49606	25.261	.49630	.49277	.49790	.49619	.49725
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50693	.49476	.50257	.51676	.49771	.49058	.49821
SDev	.00644	.00946	.00101	.00184	.00150	.00013	.00072
%RSD	1.2702	1.9124	.20058	.35584	.30167	.02562	.14410
#1	.50238	.50145	.50328	.51806	.49877	.49049	.49872
#2	.51148	.48807	.50185	.51546	.49665	.49067	.49771
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50328	.49688
SDev	.00117	.00011
%RSD	.23140	.02192
#1	.50245	.49680
#2	.50410	.49696
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2876	--	--	--	--	--	--
SDev	17.02356	--	--	--	--	--	--
%RSD	.5919051	--	--	--	--	--	--
#1	2864	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 09:49:15 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 09/26/08 21:44:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00336	-.00195	.00055	.00004	.00008	.00412	.00009
SDev	.00425	.00584	.00032	.00011	.00001	.00100	.00012
%RSD	126.59	299.59	58.712	265.82	13.019	24.234	141.55
#1	.00035	.00218	.00078	-.00004	.00009	.00483	.00017
#2	.00637	L-.00608	.00032	.00011	.00008	.00342	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.00044	.00039	.00607	.00187	.00666	.00003
SDev	.00004	.00036	.00049	.00895	.02478	.00038	.00002
%RSD	3.8336	82.342	124.29	147.47	1322.3	5.7661	66.401
#1	.00094	.00018	.00005	.01240	.01940	.00639	.00001
#2	.00099	.00069	.00074	-.00026	-.01565	.00693	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00137	.25789	-.00015	-.00254	.00178	.00034	-.00279
SDev	.00077	.07505	.00006	.00059	.00055	.00017	.00161
%RSD	56.366	29.103	43.625	23.320	31.030	50.278	57.796
#1	.00192	.20482	-.00019	-.00296	.00217	.00046	-.00393
#2	.00082	.31096	-.00010	-.00212	.00139	.00022	-.00165
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	-.00385	-.00225	.00015	.00261	.00029	.00060
SDev	.00214	.00839	.00178	.00035	.00207	.00008	.00012
%RSD	102.47	217.88	79.050	237.13	79.157	27.931	20.435
#1	.00360	-.00979	-.00099	-.00010	.00408	.00023	.00052
#2	.00057	.00208	-.00351	.00040	.00115	.00035	.00069
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00242	.00018
SDev	.00054	.00038
%RSD	22.283	217.38
#1	.00204	.00045
#2	.00280	-.00009
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2874	--	--	--	--	--	--
SDev	5.992626	--	--	--	--	--	--
%RSD	.2085253	--	--	--	--	--	--
#1	2870	--	--	--	--	--	--
#2	2878	--	--	--	--	--	--

Analysis Report 09/26/08 09:54:31 PM page 1

Method: TRACE2 Sample Name: AD855011 Operator: SW
Run Time: 09/26/08 21:49:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02760	.00336	.02829	.04758	-.00000	94.017	-.00008
SDev	.00102	.00370	.00075	.00011	.00002	.503	.00021
%RSD	3.6763	109.96	2.6324	.23354	503.17	.53478	262.27
#1	.02831	.00075	.02882	.04750	-.00002	93.661	-.00022
#2	.02688	.00598	.02777	.04766	.00001	94.372	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00047	.00017	.00514	.93619	46.673	.00240
SDev	.00000	.00028	.00000	.00504	.00520	.128	.00005
%RSD	.06748	60.487	1.6405	98.092	.55586	.27512	2.1346
#1	.00042	.00027	.00017	.00157	.93251	46.583	.00236
#2	.00042	.00067	.00016	.00871	.93987	46.764	.00244
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	4.7362	.00046	-.00460	.00198	-.00021	-.00099
SDev	.00043	.0073	.00014	.00136	.00056	.00083	.00082
%RSD	79.775	.15414	29.970	29.563	28.349	390.03	83.077
#1	.00023	4.7414	.00055	-.00556	.00158	-.00080	-.00041
#2	.00084	4.7310	.00036	-.00364	.00237	.00037	-.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00209	-.00168	-.00065	.00057	.00447	.00063	.01211
SDev	.00102	.00565	.00159	.00030	.00078	.00008	.00048
%RSD	48.643	336.61	245.38	51.746	17.471	12.869	3.9720
#1	-.00281	.00232	-.00177	.00036	.00392	.00057	.01177
#2	-.00137	-.00568	.00048	.00078	.00503	.00068	.01245
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00055	-.00020
SDev	.00237	.00096
%RSD	430.51	472.21
#1	-.00223	-.00088
#2	.00112	.00048
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2913	--	--	--	--	--	--
SDev	2.068322	--	--	--	--	--	--
%RSD	.0710041	--	--	--	--	--	--
#1	2912	--	--	--	--	--	--
#2	2914	--	--	--	--	--	--

Analysis Report 09/26/08 09:59:47 PM page 1

Method: TRACE2 Sample Name: AD855012 Operator: SW
Run Time: 09/26/08 21:54:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06782	.00302	.03230	.21317	-.00000	97.952	.00009
SDev	.00092	.00020	.00032	.00144	.00000	.594	.00002
%RSD	1.3585	6.6719	.99785	.67735	114.95	.60672	20.739
#1	.06847	.00288	.03207	.21215	-.00000	97.531	.00008
#2	.06717	.00316	.03252	.21419	-.00000	98.372	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00055	.00320	.01359	2.2516	51.364	.00205
SDev	.00004	.00000	.00043	.00065	.0029	.013	.00002
%RSD	3.4942	.19129	13.354	4.7656	.12932	.02534	1.0471
#1	.00100	.00054	.00350	.01313	2.2495	51.355	.00204
#2	.00105	.00055	.00290	.01405	2.2536	51.374	.00207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	20.334	.00301	-.00951	.00352	-.00082	-.00150
SDev	.00033	.079	.00062	.00054	.00283	.00171	.00074
%RSD	38.357	.38902	20.638	5.7173	80.374	209.36	49.401
#1	-.00109	20.390	.00345	-.00989	.00553	.00039	-.00098
#2	-.00062	20.278	.00257	-.00912	.00152	-.00202	-.00202
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00229	.00100	-.00275	.00045	.00144	.00274	.00691
SDev	.00144	.00157	.00033	.00007	.00398	.00016	.00026
%RSD	62.740	156.52	11.862	14.521	275.69	5.7132	3.7077
#1	-.00128	.00211	-.00252	.00050	-.00137	.00285	.00673
#2	-.00331	-.00011	-.00298	.00041	.00425	.00263	.00710
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00161	-.00047
SDev	.00187	.00053
%RSD	116.25	112.76
#1	-.00029	-.00084
#2	-.00293	-.00010
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2914	--	--	--	--	--	--
SDev	5.038136	--	--	--	--	--	--
%RSD	.1729023	--	--	--	--	--	--
#1	2917	--	--	--	--	--	--
#2	2910	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855013 Operator: SW
Run Time: 09/26/08 21:59:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02884	.00230	.03351	.06885	-.00000	94.234	.00004
SDev	.00293	.00132	.00102	.00017	.00001	.269	.00026
%RSD	10.175	57.313	3.0297	.25076	175.88	.28534	599.16
#1	.03091	.00323	.03422	.06897	.00000	94.424	.00023
#2	.02676	.00137	.03279	.06873	-.00001	94.043	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.00060	.00272	.05119	2.2949	49.974	.00490
SDev	.00037	.00020	.00004	.00581	.0270	.005	.00001
%RSD	23.632	33.169	1.4948	11.344	1.1745	.00927	.26426
#1	.00181	.00074	.00275	.05529	2.3139	49.971	.00491
#2	.00129	.00046	.00269	.04708	2.2758	49.977	.00489
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	17.874	.00195	-.00201	.00302	.00135	.00264
SDev	.00086	.179	.00008	.00357	.00395	.00145	.00279
%RSD	89.982	1.0040	4.0363	177.64	130.76	107.48	105.80
#1	.00035	17.747	.00201	-.00453	.00582	.00237	.00461
#2	.00156	18.001	.00190	.00051	.00023	.00032	.00066
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00038	.00511	.00140	.00052	.00082	.00057	.01396
SDev	.00014	.00171	.00504	.00008	.00338	.00032	.00016
%RSD	36.594	33.570	359.94	15.580	413.66	57.059	1.1339
#1	-.00028	.00390	.00497	.00046	.00320	.00080	.01408
#2	-.00048	.00632	-.00216	.00058	-.00157	.00034	.01385
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00022	.00033
SDev	.00120	.00032
%RSD	538.51	97.610
#1	.00108	.00056
#2	-.00063	.00010
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2906	--	--	--	--	--	--
SDev	7.477620	--	--	--	--	--	--
%RSD	.2573509	--	--	--	--	--	--
#1	2900	--	--	--	--	--	--
#2	2911	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855016 Operator: SW
Run Time: 09/26/08 22:05:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02168	.00035	.72796	.46063	.00000	129.33	-.00001
SDev	.00156	.00350	.00087	.00090	.00002	.23	.00016
%RSD	7.1961	1004.9	.11909	.19507	1930.8	.18083	2179.4
#1	.02058	-.00213	.72857	.46126	.00001	129.50	-.00012
#2	.02278	.00282	.72735	.45999	-.00001	129.17	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00082	-.00002	-.00011	7.9933	15.431	78.825	.22192
SDev	.00003	.00019	.00006	.0133	.038	.008	.00026
%RSD	4.2494	1205.0	55.131	.16600	.24570	.01057	.11538
#1	.00085	-.00015	-.00015	7.9839	15.458	78.819	.22174
#2	.00080	.00012	-.00007	8.0027	15.404	78.831	.22210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	57.613	.00477	-.00319	.00033	-.00084	.00342
SDev	.00051	.007	.00006	.00295	.00054	.00062	.00045
%RSD	228.42	.01206	1.3472	92.402	163.93	73.849	13.250
#1	-.00014	57.608	.00482	-.00111	-.00005	-.00040	.00374
#2	.00058	57.618	.00473	-.00528	.00071	-.00128	.00310
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00359	.00334	-.00002	-.00885	-.00035	.00313
SDev	.00116	.00578	.00221	.00026	.00437	.00016	.00023
%RSD	1024.5	161.21	66.243	1267.0	49.409	46.369	7.5032
#1	-.00094	.00767	.00177	.00016	L-.01195	-.00047	.00296
#2	.00071	-.00050	.00490	-.00020	-.00576	-.00024	.00329
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00158	-.00024
SDev	.00083	.00046
%RSD	52.208	189.86
#1	.00217	-.00057
#2	.00100	.00008
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	11.98542	--	--	--	--	--	--
%RSD	.4150797	--	--	--	--	--	--
#1	2879	--	--	--	--	--	--
#2	2896	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855017 Operator: SW
Run Time: 09/26/08 22:10:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02550	.00221	2.8943	1.0716	-.00001	217.60	-.00021
SDev	.00072	.00098	.0021	.0003	.00000	.36	.00015
%RSD	2.8347	44.518	.07387	.03157	41.218	.16638	71.503
#1	.02499	.00290	2.8927	1.0718	-.00001	217.34	-.00031
#2	.02601	.00151	2.8958	1.0713	-.00000	217.86	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00177	.00195	-.00064	6.8696	26.855	121.55	.12157
SDev	.00103	.00067	.00008	.0003	.013	.13	.00018
%RSD	58.318	34.400	12.342	.00407	.04692	.10734	.15245
#1	.00104	.00147	-.00059	6.8698	26.846	121.46	.12144
#2	.00249	.00242	-.00070	6.8694	26.864	121.64	.12170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	283.31	.03386	-.00064	-.00069	-.00068	.00402
SDev	.00145	.84	.00009	.00264	.00123	.00170	.00023
%RSD	326.37	.29762	.26525	409.52	177.91	251.47	5.7518
#1	-.00058	282.71	.03380	.00122	.00018	.00053	.00419
#2	.00147	283.90	.03392	-.00251	-.00156	-.00188	.00386
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00516	.00819	.00194	.00100	.00109	.00180	.00226
SDev	.00196	.00671	.00301	.00012	.00342	.00008	.00024
%RSD	37.992	82.002	155.02	12.055	314.62	4.4037	10.785
#1	-.00654	.01293	-.00019	.00108	.00351	.00175	.00209
#2	-.00377	.00344	.00407	.00091	-.00133	.00186	.00243
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00121	-.00013
SDev	.00228	.00000
%RSD	188.40	.00567
#1	-.00040	-.00013
#2	.00283	-.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2878	--	--	--	--	--	--
SDev	4.931966	--	--	--	--	--	--
%RSD	.1713716	--	--	--	--	--	--
#1	2874	--	--	--	--	--	--
#2	2881	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855018 Operator: SW
Run Time: 09/26/08 22:15:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03191	.00546	.07282	.39644	.00003	233.50	.00001
SDev	.00357	.00188	.00000	.00126	.00000	.55	.00005
%RSD	11.179	34.365	.00580	.31885	9.9097	.23380	550.20
#1	.02939	.00678	.07283	.39555	.00003	233.11	.00004
#2	.03444	.00413	.07282	.39734	.00003	233.88	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.00068	-.00016	.00966	6.0827	63.884	1.0006
SDev	.00022	.00030	.00007	.00892	.0269	.038	.0008
%RSD	13.902	44.170	44.155	92.332	.44252	.05871	.07932
#1	.00174	.00046	-.00021	.01597	6.1018	63.911	1.0011
#2	.00143	.00089	-.00011	.00335	6.0637	63.858	1.0000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	21.135	.00234	-.00136	.00094	.00017	.00683
SDev	.00097	.061	.00009	.00146	.00117	.00029	.00019
%RSD	98.683	.28675	3.9054	106.82	124.07	169.41	2.7383
#1	.00167	21.178	.00227	-.00033	.00012	-.00003	.00696
#2	.00030	21.092	.00240	-.00240	.00177	.00038	.00669
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00571	.00135	.00957	.00041	.00465	.00006	.00585
SDev	.00103	.01249	.00596	.00023	.00517	.00008	.00012
%RSD	18.034	927.78	62.338	56.526	111.13	145.10	2.0319
#1	-.00644	.01017	.00535	.00057	.00100	-.00000	.00577
#2	-.00498	-.00748	.01378	.00025	.00830	.00011	.00593
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00143	.00025
SDev	.00400	.00049
%RSD	279.27	193.99
#1	-.00426	.00060
#2	.00140	-.00009
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2883	--	--	--	--	--	--
SDev	2.492482	--	--	--	--	--	--
%RSD	.0864511	--	--	--	--	--	--
#1	2881	--	--	--	--	--	--
#2	2885	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855019 Operator: SW
Run Time: 09/26/08 22:20:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03036	.00149	.00734	.00020	-.00004	.12114	.00002
SDev	.00006	.00086	.00089	.00012	.00000	.00573	.00006
%RSD	.18215	57.512	12.154	58.839	7.0446	4.7260	267.51
#1	.03040	.00210	.00797	.00012	-.00004	.12519	-.00002
#2	.03032	.00089	.00671	.00029	-.00004	.11709	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00008	-.00014	.00292	-.00584	.00993	.00019
SDev	.00051	.00027	.00054	.00316	.00256	.00241	.00007
%RSD	119.45	331.43	393.48	108.26	43.804	24.254	37.924
#1	.00079	-.00027	.00024	.00515	-.00403	.00822	.00024
#2	.00007	.00011	-.00052	.00068	-.00765	.01163	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.31202	.00015	.00071	.00065	.00067	.00301
SDev	.00078	.05990	.00104	.00469	.00406	.00115	.00362
%RSD	103.87	19.197	682.80	656.91	624.83	170.75	120.38
#1	.00020	.26967	.00089	-.00260	.00352	.00148	.00556
#2	.00131	.35437	-.00058	.00403	-.00222	-.00014	.00045
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00495	.00590	.00156	.00027	.00149	.00023	.00329
SDev	.00456	.00030	.00528	.00020	.00389	.00016	.00049
%RSD	92.178	5.0691	339.26	75.026	260.36	71.461	15.009
#1	-.00172	.00612	.00529	.00013	.00424	.00034	.00364
#2	-.00817	.00569	-.00218	.00041	-.00126	.00011	.00294
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00115	-.00004
SDev	.00178	.00092
%RSD	154.39	2565.2
#1	-.00011	-.00069
#2	.00241	.00062
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2907	--	--	--	--	--	--
SDev	2.333487	--	--	--	--	--	--
%RSD	.0802609	--	--	--	--	--	--
#1	2906	--	--	--	--	--	--
#2	2909	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855222/PB Operator: SW
Run Time: 09/26/08 22:26:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02536	.00246	.00545	.00004	-.00007	.05354	.00017
SDev	.00061	.00034	.00176	.00003	.00002	.00321	.00014
%RSD	2.4106	13.862	32.337	76.098	32.532	6.0021	82.332
#1	.02493	.00221	.00421	.00006	-.00008	.05127	.00007
#2	.02579	.00270	.00670	.00002	-.00005	.05582	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00002	.00007	.01177	-.01218	.00388	.00001
SDev	.00015	.00027	.00009	.01062	.00080	.00537	.00011
%RSD	19.624	1211.2	113.19	90.252	6.5520	138.37	1017.8
#1	.00084	-.00017	.00001	.00426	-.01162	.00008	-.00006
#2	.00064	.00021	.00013	.01928	-.01274	.00769	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.29879	.00088	-.00330	.00374	.00139	.00444
SDev	.00058	.20201	.00001	.00122	.00014	.00050	.00007
%RSD	133.81	67.611	.76215	37.017	3.7213	35.902	1.5976
#1	-.00084	.15594	.00089	-.00244	.00384	.00175	.00449
#2	-.00002	.44163	.00088	-.00417	.00364	.00104	.00439
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	-.00030	.00681	.00013	-.00348	.00045	.00171
SDev	.00080	.00448	.00234	.00010	.00404	.00080	.00025
%RSD	44.850	1475.8	34.454	78.406	115.91	178.81	14.494
#1	-.00122	-.00347	.00846	.00006	-.00063	-.00012	.00153
#2	-.00235	.00286	.00515	.00019	-.00634	.00102	.00188
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00176	-.00059
SDev	.00224	.00010
%RSD	127.15	16.563
#1	-.00335	-.00052
#2	-.00018	-.00066
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2945	--	--	--	--	--	--
SDev	10.23544	--	--	--	--	--	--
%RSD	.3475723	--	--	--	--	--	--
#1	2952	--	--	--	--	--	--
#2	2938	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855221/FB Operator: SW
Run Time: 09/26/08 22:31:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9547	.20358	.20182	.20250	.19924	10.071	.19985
SDev	.0359	.00389	.00205	.00071	.00086	.027	.00047
%RSD	.36097	1.9115	1.0161	.34884	.43293	.26690	.23635
#1	9.9801	.20083	.20037	.20300	.19985	10.090	.20018
#2	9.9293	.20634	.20327	.20200	.19863	10.052	.19951
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19916	.19883	.19577	9.9720	9.7588	10.100	.20004
SDev	.00001	.00004	.00036	.0022	.0037	.018	.00007
%RSD	.00484	.02037	.18442	.02196	.03791	.18213	.03335
#1	.19917	.19880	.19602	9.9704	9.7614	10.113	.20009
#2	.19915	.19886	.19551	9.9735	9.7562	10.087	.20000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19871	10.552	.19942	.19952	.20136	.20075	.20541
SDev	.00113	.042	.00016	.00190	.00209	.00203	.00091
%RSD	.57040	.39431	.08203	.95369	1.0375	1.0098	.44333
#1	.19791	10.522	.19953	.20087	.20284	.20219	.20476
#2	.19951	10.581	.19930	.19818	.19989	.19932	.20605
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19950	.21066	.20278	.19964	.20776	.19893	.19853
SDev	.00357	.00456	.00364	.00006	.00308	.00004	.00048
%RSD	1.7883	2.1622	1.7967	.03194	1.4807	.01895	.24326
#1	.19698	.21388	.20021	.19968	.20559	.19895	.19887
#2	.20202	.20744	.20536	.19959	.20994	.19890	.19819
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20652	.05035
SDev	.00034	.00022
%RSD	.16267	.44450
#1	.20628	.05051
#2	.20676	.05019
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2936	--	--	--	--	--	--
SDev	1.750158	--	--	--	--	--	--
%RSD	.0596105	--	--	--	--	--	--
#1	2935	--	--	--	--	--	--
#2	2937	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855200 Operator: SW
Run Time: 09/26/08 22:36:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02332	.00108	.00512	.00017	-.00003	.05388	.00016
SDev	.00647	.00262	.00128	.00018	.00001	.00002	.00007
%RSD	27.721	241.88	25.040	108.20	44.226	.03768	42.962
#1	.01875	-.00077	.00603	.00004	-.00002	.05387	.00011
#2	.02789	.00293	.00421	.00030	-.00004	.05390	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.00054	.00023	.02246	-.00063	.00555	.00014
SDev	.00047	.00039	.00031	.00569	.02992	.00088	.00007
%RSD	46.090	72.526	130.84	25.325	4741.8	15.897	51.534
#1	.00135	.00082	.00002	.02648	.02053	.00617	.00009
#2	.00069	.00026	.00045	.01844	-.02179	.00492	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.24828	.00047	-.00498	.00268	.00013	.00035
SDev	.00103	.11092	.00075	.00014	.00198	.00128	.00451
%RSD	107.91	44.677	158.35	2.8180	73.991	986.10	1289.9
#1	.00169	.16985	-.00006	-.00488	.00128	-.00077	-.00284
#2	.00023	.32672	.00100	-.00508	.00409	.00103	.00354
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.00282	.00193	.00031	.00107	.00022	.00232
SDev	.00252	.01217	.00068	.00006	.00231	.00016	.00036
%RSD	239.69	431.88	35.079	18.192	215.78	72.486	15.580
#1	.00283	-.01143	.00145	.00027	-.00056	.00034	.00206
#2	-.00073	.00579	.00241	.00035	.00271	.00011	.00257
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00053	.00013
SDev	.00086	.00018
%RSD	162.63	138.35
#1	.00008	.00026
#2	-.00114	.00000
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2926	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.2211158	--	--	--	--	--	--
#1	2921	--	--	--	--	--	--
#2	2931	--	--	--	--	--	--

Analysis Report QC Standard 09/26/08 10:48:32 PM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 09/26/08 22:43:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.037	.47745	.49567	.50309	.49259	24.795	.48827
SDev	.003	.00218	.00009	.00026	.00044	.010	.00058
%RSD	.01178	.45628	.01773	.05238	.09000	.04062	.11931
#1	25.040	.47591	.49573	.50328	.49290	24.802	.48868
#2	25.035	.47899	.49561	.50291	.49227	24.787	.48786
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48532	.50580	.48470	24.452	24.739	24.949	.49829
SDev	.00022	.00092	.00081	.045	.023	.009	.00031
%RSD	.04459	.18129	.16771	.18472	.09447	.03499	.06188
#1	.48548	.50645	.48527	24.484	24.756	24.955	.49850
#2	.48517	.50515	.48412	24.420	24.723	24.943	.49807
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49414	25.110	.49493	.48959	.49241	.49147	.49813
SDev	.00461	.020	.00105	.00062	.00036	.00003	.00996
%RSD	.93327	.08120	.21297	.12684	.07352	.00706	1.9991
#1	.49087	25.124	.49568	.48915	.49267	.49150	.50517
#2	.49740	25.096	.49419	.49003	.49216	.49145	.49109
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51058	.49982	.49729	.51404	.50302	.48995	.49659
SDev	.00247	.01255	.00866	.00063	.01030	.00073	.00132
%RSD	.48352	2.5103	1.7421	.12240	2.0478	.14895	.26670
#1	.50883	.50869	.50341	.51359	.49573	.49047	.49752
#2	.51232	.49095	.49116	.51448	.51030	.48944	.49565
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50435	.49574
SDev	.00239	.00035
%RSD	.47444	.07067
#1	.50265	.49550
#2	.50604	.49599
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2868	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.1664085	--	--	--	--	--	--
#1	2865	--	--	--	--	--	--
#2	2872	--	--	--	--	--	--

Analysis Report Blank Sample 09/26/08 10:53:49 PM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 09/26/08 22:48:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00784	.00276	.00183	.00019	.00012	.00683	.00028
SDev	.00332	.00283	.00049	.00008	.00003	.00059	.00013
%RSD	42.345	102.48	27.041	43.151	25.397	8.7060	46.827
#1	.00549	.00477	.00218	.00013	.00014	.00725	.00037
#2	.01019	.00076	.00148	.00024	.00010	.00641	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00019	.00001	.01148	.01289	.01250	.00013
SDev	.00000	.00024	.00054	.00639	.02748	.00163	.00002
%RSD	.11191	123.79	5274.1	55.657	213.17	13.042	13.773
#1	.00052	.00036	-.00037	.00696	.03232	.01365	.00012
#2	.00052	.00002	.00039	.01600	-.00654	.01135	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.28795	.00014	-.00314	.00059	-.00065	.00158
SDev	.00141	.08901	.00111	.00486	.00256	.00009	.00008
%RSD	59.621	30.911	795.44	154.58	431.16	13.649	5.1288
#1	.00337	.22501	-.00065	.00029	-.00122	-.00071	.00164
#2	.00137	.35088	.00093	-.00658	.00240	-.00059	.00152
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	.00486	-.00006	.00063	-.00073	.00075	.00069
SDev	.00441	.00786	.00381	.00003	.00305	.00008	.00000
%RSD	188.41	161.69	6268.6	3.9375	418.59	11.151	.02750
#1	.00546	.01042	-.00275	.00065	-.00288	.00081	.00069
#2	-.00078	-.00070	.00263	.00061	.00143	.00069	.00069
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00110	.00019
SDev	.00092	.00034
%RSD	83.919	182.84
#1	.00175	.00043
#2	.00045	-.00005
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2871	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.1015945	--	--	--	--	--	--
#1	2869	--	--	--	--	--	--
#2	2873	--	--	--	--	--	--

Analysis Report 09/26/08 10:59:05 PM page 1

Method: TRACE2 Sample Name: AD855201 Operator: SW
Run Time: 09/26/08 22:53:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02097	.00119	.05638	.30068	-.00000	119.80	-.00004
SDev	.00264	.00249	.00078	.00112	.00002	.61	.00018
%RSD	12.604	208.97	1.3901	.37069	730.18	.50805	447.55
#1	.01910	-.00057	.05694	.30147	.00001	120.23	.00009
#2	.02283	.00295	.05583	.29990	-.00001	119.37	-.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00003	.00012	3.2854	1.9711	31.926	.13278
SDev	.00061	.00055	.00011	.0238	.0090	.080	.00021
%RSD	3841.3	1634.5	91.220	.72425	.45630	.25030	.15758
#1	.00042	.00036	.00004	3.3022	1.9775	31.982	.13292
#2	-.00045	-.00043	.00019	3.2685	1.9648	31.869	.13263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	10.394	.00024	-.00575	.00119	-.00112	-.00135
SDev	.00084	.321	.00048	.00412	.00321	.00077	.00271
%RSD	33.677	3.0864	202.80	71.673	268.99	68.789	200.12
#1	.00191	10.167	.00058	-.00866	.00346	-.00057	.00056
#2	.00310	10.621	-.00010	-.00284	-.00108	-.00166	-.00327
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00521	.00070	-.00238	-.00000	.00092	-.00028	.00163
SDev	.00135	.01220	.00203	.00016	.00232	.00016	.00013
%RSD	26.017	1752.9	85.557	15955.	251.88	57.377	7.8868
#1	-.00616	.00932	-.00382	-.00012	.00256	-.00017	.00172
#2	-.00425	-.00793	-.00094	.00011	-.00072	-.00039	.00154
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00136	-.00040
SDev	.00115	.00002
%RSD	84.730	3.7762
#1	-.00218	-.00041
#2	-.00055	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2913	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.4369689	--	--	--	--	--	--
#1	2904	--	--	--	--	--	--
#2	2922	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855202 Operator: SW
Run Time: 09/26/08 22:59:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07638	.01270	.28136	.56513	-.00002	58.747	-.00003
SDev	.00409	.00053	.00195	.00109	.00001	.142	.00010
%RSD	5.3553	4.2001	.69309	.19221	43.194	.24171	369.58
#1	.07349	.01232	.27999	.56590	-.00001	58.848	-.00010
#2	.07927	.01307	.28274	.56436	-.00003	58.647	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	.00062	.00032	1.7522	2.5770	34.094	.01856
SDev	.00011	.00023	.00015	.0167	.0035	.037	.00012
%RSD	12.030	37.777	47.873	.95344	.13607	.10978	.63969
#1	.00083	.00079	.00043	1.7640	2.5795	34.120	.01865
#2	.00099	.00046	.00021	1.7404	2.5746	34.068	.01848
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04425	25.967	.00050	-.00545	.00099	-.00115	.00003
SDev	.00056	.121	.00000	.00516	.00057	.00134	.00206
%RSD	1.2613	.46719	.36585	94.717	57.960	115.73	7113.0
#1	.04386	25.881	.00050	-.00910	.00140	-.00210	-.00143
#2	.04465	26.053	.00050	-.00180	.00058	-.00021	.00149
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	-.00016	.00012	.00012	-.00129	.00023	.00318
SDev	.00116	.00522	.00048	.00022	.00093	.00000	.00012
%RSD	66.250	3362.2	397.23	187.89	71.907	.02140	3.6907
#1	.00257	-.00385	-.00022	-.00004	-.00195	.00023	.00310
#2	.00093	.00354	.00046	.00027	-.00064	.00023	.00327
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00002	-.00048
SDev	.00333	.00001
%RSD	14007.	3.0250
#1	-.00233	-.00049
#2	.00238	-.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2912	--	--	--	--	--	--
SDev	4.719972	--	--	--	--	--	--
%RSD	.1620626	--	--	--	--	--	--
#1	2909	--	--	--	--	--	--
#2	2916	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855203 Operator: SW
Run Time: 09/26/08 23:04:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02410	.00530	.31846	.61291	-.00005	32.231	.00006
SDev	.00222	.00383	.00087	.00103	.00000	.074	.00005
%RSD	9.2099	72.309	.27200	.16841	8.9563	.23100	84.814
#1	.02567	.00800	.31907	.61364	-.00005	32.284	.00002
#2	.02253	.00259	.31785	.61218	-.00005	32.179	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00007	.00099	1.1058	2.1737	25.121	.01824
SDev	.00033	.00060	.00047	.0068	.0200	.009	.00008
%RSD	96.961	825.74	47.147	.61352	.92209	.03527	.43293
#1	.00057	.00050	.00131	1.1106	2.1879	25.128	.01829
#2	.00011	-.00035	.00066	1.1011	2.1595	25.115	.01818
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07625	55.624	.00372	-.00561	.00250	-.00020	-.00324
SDev	.00044	.068	.00039	.00482	.00054	.00124	.00416
%RSD	.58182	.12302	10.599	85.827	21.718	617.65	128.30
#1	.07594	55.575	.00400	-.00902	.00288	-.00108	-.00030
#2	.07656	55.672	.00344	-.00221	.00212	.00068	-.00618
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00248	-.00362	.00001	.00429	.00043	.00291
SDev	.00112	.00015	.00631	.00014	.00430	.00089	.00000
%RSD	2651.0	6.1391	174.29	1297.8	100.35	204.05	.03778
#1	-.00075	-.00259	.00084	-.00009	.00733	.00106	.00291
#2	.00084	-.00237	-.00808	.00011	.00124	-.00019	.00291
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00059	-.00049
SDev	.00412	.00014
%RSD	700.95	28.526
#1	-.00350	-.00059
#2	.00232	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2919	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0454223	--	--	--	--	--	--
#1	2918	--	--	--	--	--	--
#2	2920	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855204 Operator: SW
Run Time: 09/26/08 23:09:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01950	.00203	.08137	.23554	.00004	117.98	-.00003
SDev	.00144	.00033	.00091	.00064	.00001	.44	.00008
%RSD	7.3829	16.039	1.1144	.27207	28.113	.37315	288.14
#1	.02052	.00226	.08073	.23600	.00004	118.29	-.00009
#2	.01848	.00180	.08201	.23509	.00003	117.67	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.00012	.00058	1.1451	1.2862	41.919	.17760
SDev	.00011	.00011	.00005	.0071	.0297	.168	.00044
%RSD	8.5242	95.741	9.1970	.61738	2.3098	.40074	.25071
#1	.00136	.00020	.00062	1.1501	1.3072	42.038	.17791
#2	.00120	.00004	.00055	1.1401	1.2652	41.800	.17728
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00718	13.215	.00542	-.00472	.00196	-.00026	.00284
SDev	.00204	.095	.00007	.00486	.00048	.00130	.00202
%RSD	28.387	.71684	1.3661	103.09	24.296	495.91	70.945
#1	.00862	13.282	.00537	-.00128	.00162	.00066	.00142
#2	.00574	13.148	.00548	-.00816	.00230	-.00118	.00427
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00281	.00285	.00011	-.00193	.00016	.00312
SDev	.00060	.01114	.00859	.00033	.00619	.00024	.00024
%RSD	56.150	395.57	300.94	299.06	319.91	155.89	7.7860
#1	.00150	.01069	-.00322	.00034	.00244	.00033	.00295
#2	.00065	-.00506	.00893	-.00012	-.00631	-.00002	.00329
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00230	.00014
SDev	.00084	.00081
%RSD	36.465	567.06
#1	.00289	.00072
#2	.00171	-.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2902	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.1206249	--	--	--	--	--	--
#1	2899	--	--	--	--	--	--
#2	2904	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855205 Operator: SW
Run Time: 09/26/08 23:14:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01837	.00482	.00365	-.00003	-.00006	.05543	.00007
SDev	.00173	.00096	.00062	.00000	.00001	.00657	.00017
%RSD	9.4008	19.952	17.076	17.120	13.068	11.857	256.18
#1	.01715	.00414	.00409	-.00002	-.00007	.06008	.00019
#2	.01959	.00550	.00321	-.00003	-.00006	.05078	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00008	-.00010	.00691	-.00918	.00521	-.00005
SDev	.00011	.00016	.00053	.00626	.01762	.00149	.00009
%RSD	23.908	192.20	539.72	90.608	191.97	28.619	170.86
#1	.00054	.00020	.00028	.01133	.00328	.00416	.00001
#2	.00038	-.00003	-.00047	.00248	-.02164	.00627	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	.16293	.00025	-.00537	.00363	.00063	.00437
SDev	.00023	.02830	.00052	.00260	.00060	.00046	.00079
%RSD	26.402	17.367	207.61	48.455	16.619	73.224	18.025
#1	-.00070	.14293	.00062	-.00721	.00406	.00031	.00381
#2	-.00102	.18294	-.00012	-.00353	.00320	.00096	.00493
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	.00056	.00627	.00017	-.00198	.00045	.00163
SDev	.00425	.00680	.00222	.00013	.00388	.00032	.00061
%RSD	299.74	1210.4	35.354	71.539	196.18	71.388	37.259
#1	-.00442	-.00425	.00784	.00009	-.00472	.00068	.00206
#2	.00159	.00537	.00471	.00026	.00077	.00022	.00120
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00098	-.00020
SDev	.00143	.00026
%RSD	145.49	129.78
#1	-.00200	-.00039
#2	.00003	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2932	--	--	--	--	--	--
SDev	4.083473	--	--	--	--	--	--
%RSD	.1392791	--	--	--	--	--	--
#1	2935	--	--	--	--	--	--
#2	2929	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855206 Operator: SW
Run Time: 09/26/08 23:20:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02538	-.00106	.05877	.30455	.00001	121.17	.00011
SDev	.00367	.00124	.00021	.00151	.00001	.40	.00005
%RSD	14.463	117.41	.36063	.49553	66.676	.32906	42.137
#1	.02797	-.00193	.05862	.30348	.00002	120.89	.00008
#2	.02278	-.00018	.05892	.30562	.00001	121.45	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00028	.00085	3.3178	2.0007	32.262	.13452
SDev	.00029	.00014	.00015	.0111	.0133	.009	.00009
%RSD	70.510	48.779	17.978	.33512	.66463	.02760	.06479
#1	.00062	.00018	.00074	3.3256	2.0101	32.255	.13446
#2	.00021	.00038	.00095	3.3099	1.9913	32.268	.13458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00129	10.546	.00107	-.00588	.00409	.00077	-.00083
SDev	.00205	.023	.00026	.00024	.00098	.00057	.00112
%RSD	159.72	.21366	24.285	4.0452	23.877	74.235	134.87
#1	.00274	10.530	.00125	-.00571	.00340	.00037	-.00004
#2	-.00017	10.562	.00088	-.00605	.00478	.00118	-.00162
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	-.00332	.00041	.00010	-.00044	.00001	.00216
SDev	.00028	.00188	.00074	.00060	.00535	.00008	.00013
%RSD	11.068	56.625	178.09	611.18	1205.5	1416.4	5.8030
#1	.00274	-.00199	.00094	.00053	-.00423	-.00005	.00207
#2	.00235	-.00465	-.00011	-.00033	.00334	.00006	.00225
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00364	-.00061
SDev	.00099	.00056
%RSD	27.159	91.932
#1	.00294	-.00021
#2	.00434	-.00101
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2898	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.1042947	--	--	--	--	--	--
#1	2900	--	--	--	--	--	--
#2	2896	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855207 Operator: SW
Run Time: 09/26/08 23:25:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02706	.00468	.00526	.00072	-.00006	.19919	.00008
SDev	.00045	.00162	.00030	.00004	.00002	.00644	.00005
%RSD	1.6767	34.727	5.7574	5.1549	27.593	3.2328	54.786
#1	.02674	.00353	.00547	.00075	-.00007	.20374	.00005
#2	.02738	.00583	.00504	.00070	-.00005	.19464	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	-.00004	.00120	.01226	.02058	.04784	.00046
SDev	.00069	.00072	.00072	.00504	.00429	.00164	.00011
%RSD	272.00	1942.1	59.815	41.147	20.852	3.4381	23.355
#1	-.00023	-.00055	.00069	.00869	.01754	.04668	.00038
#2	.00074	.00047	.00171	.01582	.02361	.04901	.00054
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.61447	.00042	-.00002	.00080	.00053	.00136
SDev	.00060	.19814	.00024	.00209	.00038	.00095	.00699
%RSD	303.40	32.246	55.517	8637.6	47.484	179.92	515.71
#1	.00023	.47436	.00059	.00145	.00107	.00120	-.00359
#2	-.00062	.75457	.00026	-.00150	.00053	-.00014	.00630
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00102	.00989	-.00291	.00058	.00452	.00005	.00611
SDev	.00342	.00521	.00788	.00015	.00038	.00040	.00014
%RSD	334.95	52.655	270.83	26.703	8.4299	759.00	2.2685
#1	-.00344	.00621	-.00849	.00069	.00479	-.00023	.00602
#2	.00140	.01357	.00266	.00047	.00425	.00034	.00621
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00269	.00030
SDev	.00359	.00008
%RSD	133.15	27.594
#1	.00523	.00036
#2	.00016	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2925	--	--	--	--	--	--
SDev	8.326286	--	--	--	--	--	--
%RSD	.2847068	--	--	--	--	--	--
#1	2930	--	--	--	--	--	--
#2	2919	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855208 Operator: SW
Run Time: 09/26/08 23:30:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02082	.01769	.05878	.12091	-.00001	105.29	-.00008
SDev	.00045	.00132	.00024	.00009	.00002	.23	.00007
%RSD	2.1485	7.4830	.41163	.07587	176.39	.22142	79.386
#1	.02051	.01862	.05861	.12085	-.00003	105.13	-.00004
#2	.02114	.01675	.05896	.12098	.00000	105.46	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	.00000	.00019	4.1541	2.1754	69.088	.16564
SDev	.00023	.00014	.00057	.0198	.0281	.012	.00009
%RSD	6.0310	97027.	305.95	.47704	1.2922	.01772	.05373
#1	.00359	-.00010	-.00022	4.1681	2.1953	69.079	.16570
#2	.00391	.00010	.00059	4.1401	2.1556	69.096	.16558
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	11.937	.00734	-.00152	-.00002	-.00052	-.00023
SDev	.00117	.261	.00030	.00096	.00063	.00010	.00113
%RSD	57.954	2.1899	4.0337	63.190	2554.7	19.483	487.30
#1	.00119	11.752	.00755	-.00219	.00042	-.00045	.00057
#2	.00285	12.122	.00713	-.00084	-.00047	-.00059	-.00103
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00374	.00414	-.00242	.00013	-.00087	.00057	.00337
SDev	.00043	.00911	.00285	.00013	.00786	.00024	.00036
%RSD	11.468	220.11	118.03	98.815	902.25	42.370	10.646
#1	-.00344	.01058	-.00444	.00004	-.00643	.00074	.00363
#2	-.00404	-.00230	-.00040	.00023	.00468	.00040	.00312
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00010	-.00007
SDev	.00227	.00025
%RSD	2243.7	336.89
#1	.00170	-.00025
#2	-.00150	.00010
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2905	--	--	--	--	--	--
SDev	8.697448	--	--	--	--	--	--
%RSD	.2993906	--	--	--	--	--	--
#1	2911	--	--	--	--	--	--
#2	2899	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855209 Operator: SW
Run Time: 09/26/08 23:36:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02537	.04076	.10022	.24592	.00001	98.531	-.00004
SDev	.00224	.00378	.00138	.00082	.00001	.499	.00031
%RSD	8.8092	9.2837	1.3751	.33196	52.026	.50688	839.72
#1	.02695	.04343	.10119	.24649	.00002	98.884	.00018
#2	.02379	.03808	.09924	.24534	.00001	98.178	-.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00799	-.00006	.00014	12.543	3.6011	73.427	.09074
SDev	.00038	.00086	.00055	.021	.0327	.165	.00019
%RSD	4.8179	1531.8	389.03	.16463	.90843	.22427	.20763
#1	.00827	.00055	.00053	12.557	3.6242	73.543	.09088
#2	.00772	-.00066	-.00025	12.528	3.5779	73.310	.09061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	18.238	.01083	-.00432	.00352	.00091	.00051
SDev	.00115	.115	.00015	.00486	.00061	.00202	.00058
%RSD	64.176	.63098	1.3819	112.54	17.272	222.84	113.54
#1	.00261	18.156	.01094	-.00776	.00309	-.00052	.00010
#2	.00098	18.319	.01073	-.00088	.00395	.00234	.00092
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	.00852	-.00349	.00031	.00284	.00022	.00347
SDev	.00467	.00247	.00036	.00021	.00102	.00090	.00026
%RSD	337.93	28.958	10.426	66.823	35.952	417.78	7.3549
#1	.00468	.00677	-.00324	.00017	.00212	.00085	.00365
#2	-.00192	.01026	-.00375	.00046	.00357	-.00042	.00329
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00135	-.00055
SDev	.00265	.00025
%RSD	196.97	45.656
#1	.00322	-.00037
#2	-.00053	-.00073
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2889	--	--	--	--	--	--
SDev	7.689786	--	--	--	--	--	--
%RSD	.2661436	--	--	--	--	--	--
#1	2884	--	--	--	--	--	--
#2	2895	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855209/L (1:5) Operator: SW
Run Time: 09/26/08 23:41:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01263	.01084	.01991	.04921	.00004	19.787	.00010
SDev	.00376	.00574	.00096	.00016	.00002	.001	.00020
%RSD	29.727	52.956	4.8214	.31824	53.369	.00356	206.29
#1	.00998	.00678	.01923	.04910	.00002	19.788	-.00004
#2	.01529	.01490	.02059	.04932	.00005	19.787	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00226	.00011	.00064	2.5374	.66098	14.704	.01812
SDev	.00041	.00059	.00065	.0108	.00666	.011	.00012
%RSD	18.032	530.96	102.57	.42625	1.0081	.07762	.67303
#1	.00197	-.00030	.00017	2.5297	.66569	14.696	.01803
#2	.00254	.00052	.00110	2.5450	.65627	14.712	.01820
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	3.8901	.00261	-.00370	.00029	-.00104	-.00272
SDev	.00069	.2080	.00038	.00251	.00068	.00129	.00234
%RSD	340.44	5.3478	14.472	67.744	233.03	124.64	85.911
#1	-.00029	3.7430	.00235	-.00193	.00078	-.00012	-.00107
#2	.00069	4.0372	.00288	-.00548	-.00019	-.00195	-.00437
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00025	.00117	-.00466	.00012	-.00101	.00060	.00086
SDev	.00003	.00413	.00557	.00059	.00230	.00025	.00000
%RSD	13.219	353.77	119.44	497.54	227.54	41.534	.18174
#1	-.00023	-.00175	-.00073	-.00030	-.00264	.00042	.00086
#2	-.00028	.00409	-.00860	.00054	.00062	.00077	.00086
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00302	-.00025
SDev	.00296	.00087
%RSD	98.226	345.56
#1	.00092	-.00087
#2	.00511	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2881	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.2760913	--	--	--	--	--	--
#1	2887	--	--	--	--	--	--
#2	2876	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 09/26/08 23:48:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.151	.48817	.49522	.50315	.49613	24.954	.49076
SDev	.017	.00143	.00133	.00054	.00037	.023	.00065
%RSD	.06834	.29235	.26930	.10743	.07421	.09315	.13256
#1	25.139	.48716	.49428	.50353	.49639	24.937	.49030
#2	25.163	.48918	.49617	.50277	.49587	24.970	.49122
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48716	.50782	.48644	24.544	24.674	25.076	.49947
SDev	.00021	.00089	.00015	.028	.025	.058	.00046
%RSD	.04290	.17578	.03145	.11236	.09980	.23177	.09226
#1	.48701	.50718	.48654	24.524	24.691	25.035	.49915
#2	.48731	.50845	.48633	24.563	24.656	25.117	.49980
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49331	25.091	.49784	.49664	.49630	.49641	.49938
SDev	.00332	.359	.00057	.00288	.00046	.00065	.00415
%RSD	.67405	1.4316	.11531	.57968	.09211	.13170	.83110
#1	.49096	24.837	.49825	.49461	.49662	.49595	.50231
#2	.49566	25.345	.49744	.49868	.49597	.49688	.49644
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50607	.50295	.49759	.51559	.50168	.49084	.49867
SDev	.00139	.00081	.00582	.00001	.00358	.00007	.00222
%RSD	.27536	.16145	1.1695	.00101	.71325	.01461	.44626
#1	.50508	.50353	.50171	.51560	.49915	.49079	.49710
#2	.50706	.50238	.49348	.51559	.50421	.49090	.50024
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50403	.49774
SDev	.00247	.00084
%RSD	.49060	.16839
#1	.50228	.49715
#2	.50578	.49833
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2857	--	--	--	--	--	--
SDev	7.265453	--	--	--	--	--	--
%RSD	.2542824	--	--	--	--	--	--
#1	2852	--	--	--	--	--	--
#2	2862	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 09/26/08 23:53:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00776	.00050	.00069	.00009	.00014	.00837	.00022
SDev	.00071	.00266	.00137	.00009	.00003	.00047	.00003
%RSD	9.1509	531.56	199.26	97.459	23.781	5.6310	11.746
#1	.00726	-.00138	.00166	.00016	.00016	.00870	.00023
#2	.00827	.00239	-.00028	.00003	.00012	.00804	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.00046	.00058	.00879	.02406	.00659	.00013
SDev	.00026	.00034	.00006	.00258	.01029	.00199	.00002
%RSD	26.716	74.056	10.771	29.319	42.757	30.276	13.312
#1	.00115	.00070	.00063	.01061	.03134	.00800	.00012
#2	.00078	.00022	.00054	.00697	.01679	.00518	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.36901	.00031	-.00405	.00096	-.00071	.00092
SDev	.00162	.31846	.00073	.00279	.00071	.00046	.00348
%RSD	98.412	86.301	239.31	68.886	73.588	64.648	379.21
#1	.00280	.59419	.00082	-.00208	.00046	-.00038	.00338
#2	.00050	.14382	-.00021	-.00602	.00146	-.00103	-.00154
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00404	.00566	-.00145	.00043	.00162	.00046	.00069
SDev	.00141	.00234	.00639	.00060	.00252	.00017	.00000
%RSD	34.867	41.443	440.73	137.33	155.41	35.995	.17862
#1	.00503	.00400	.00307	.00085	.00340	.00058	.00069
#2	.00304	.00731	-.00597	.00001	-.00016	.00035	.00069
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00065	.00014
SDev	.00359	.00084
%RSD	550.41	608.21
#1	.00189	.00073
#2	-.00319	-.00045
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2864	--	--	--	--	--	--
SDev	9.068783	--	--	--	--	--	--
%RSD	.3166571	--	--	--	--	--	--
#1	2858	--	--	--	--	--	--
#2	2870	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855209/PS Operator: SW
Run Time: 09/26/08 23:58:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.589	.24531	.30976	.45542	.20325	106.58	.20058
SDev	.024	.00008	.00085	.00142	.00016	.11	.00014
%RSD	.22937	.03399	.27320	.31190	.07972	.10641	.07102
#1	10.571	.24537	.30916	.45442	.20314	106.50	.20048
#2	10.606	.24525	.31036	.45643	.20337	106.66	.20068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20576	.20098	.19867	22.319	14.450	81.970	.29144
SDev	.00005	.00022	.00084	.016	.019	.021	.00008
%RSD	.02414	.10858	.42062	.07285	.13235	.02502	.02830
#1	.20580	.20114	.19926	22.307	14.463	81.984	.29149
#2	.20573	.20083	.19808	22.330	14.436	81.955	.29138
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20559	28.335	.20847	.19639	.20235	.20037	.19903
SDev	.00062	.100	.00043	.00025	.00454	.00311	.00039
%RSD	.30140	.35143	.20588	.12785	2.2415	1.5516	.19727
#1	.20515	28.406	.20877	.19657	.20556	.20257	.19876
#2	.20603	28.265	.20816	.19622	.19914	.19817	.19931
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20548	.19593	.20059	.20414	.20159	.20269	.20090
SDev	.00682	.00184	.00151	.00027	.00483	.00036	.00080
%RSD	3.3205	.93875	.75207	.13300	2.3943	.17653	.39735
#1	.20066	.19723	.19952	.20395	.20500	.20295	.20034
#2	.21031	.19463	.20166	.20434	.19818	.20244	.20147
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.17189	.05173
SDev	.00242	.00052
%RSD	1.4071	.99596
#1	.17018	.05209
#2	.17360	.05136
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2880	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.0957676	--	--	--	--	--	--
#1	2878	--	--	--	--	--	--
#2	2882	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855210/MS Operator: SW
Run Time: 09/27/08 00:03:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.107	.24773	.29915	.45255	.20095	108.62	.19831
SDev	.053	.00346	.00042	.00392	.00089	.39	.00014
%RSD	.52912	1.3957	.13982	.86545	.44029	.35739	.06793
#1	10.145	.25017	.29886	.45532	.20157	108.90	.19840
#2	10.069	.24528	.29945	.44978	.20032	108.35	.19821
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20516	.19979	.19804	22.497	14.025	83.433	.29212
SDev	.00026	.00062	.00104	.013	.023	.075	.00037
%RSD	.12596	.31215	.52704	.05668	.16600	.08942	.12522
#1	.20498	.19935	.19878	22.506	14.041	83.380	.29238
#2	.20535	.20023	.19730	22.488	14.008	83.486	.29187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20436	28.021	.20767	.19869	.19435	.19580	.19713
SDev	.00106	.069	.00098	.00043	.00024	.00002	.00040
%RSD	.51922	.24753	.46988	.21636	.12494	.00961	.20519
#1	.20511	28.070	.20836	.19899	.19418	.19578	.19685
#2	.20361	27.972	.20698	.19839	.19452	.19581	.19742
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20892	.19619	.19761	.20165	.20596	.20076	.19694
SDev	.00667	.00235	.00057	.00055	.01097	.00029	.00062
%RSD	3.1918	1.1979	.28759	.27493	5.3253	.14601	.31316
#1	.21364	.19453	.19801	.20204	.19820	.20055	.19650
#2	.20420	.19785	.19720	.20126	.21371	.20097	.19737
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20915	.05174
SDev	.00104	.00025
%RSD	.49537	.47585
#1	.20988	.05156
#2	.20842	.05191
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2878	--	--	--	--	--	--
SDev	14.53108	--	--	--	--	--	--
%RSD	.5049853	--	--	--	--	--	--
#1	2867	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855211/SD Operator: SW
Run Time: 09/27/08 00:09:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9544	.24163	.29688	.44396	.19733	106.74	.19536
SDev	.0405	.00095	.00089	.00070	.00071	.48	.00050
%RSD	.40715	.39327	.29955	.15761	.36185	.45350	.25625
#1	9.9831	.24230	.29751	.44445	.19783	107.08	.19571
#2	9.9257	.24096	.29625	.44346	.19682	106.40	.19500
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20183	.19698	.19433	22.170	13.810	82.167	.28738
SDev	.00025	.00023	.00089	.012	.004	.089	.00019
%RSD	.12478	.11767	.45796	.05358	.02786	.10865	.06560
#1	.20200	.19715	.19496	22.179	13.813	82.230	.28751
#2	.20165	.19682	.19371	22.162	13.807	82.104	.28725
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20034	27.675	.20348	.18962	.19334	.19210	.19881
SDev	.00044	.204	.00056	.00385	.00231	.00282	.00585
%RSD	.21912	.73696	.27584	2.0316	1.1922	1.4681	2.9426
#1	.20003	27.820	.20388	.19235	.19497	.19410	.19467
#2	.20065	27.531	.20308	.18690	.19171	.19011	.20294
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20255	.19890	.19876	.19795	.20315	.19704	.19409
SDev	.00081	.00806	.00475	.00086	.00373	.00072	.00058
%RSD	.40167	4.0514	2.3878	.43722	1.8352	.36284	.29904
#1	.20198	.19320	.19541	.19856	.20052	.19755	.19451
#2	.20313	.20460	.20212	.19734	.20579	.19654	.19368
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20418	.05041
SDev	.00188	.00066
%RSD	.92312	1.3095
#1	.20285	.05088
#2	.20551	.04994
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2896	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.3625461	--	--	--	--	--	--
#1	2889	--	--	--	--	--	--
#2	2904	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855212 Operator: SW
Run Time: 09/27/08 00:14:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02625	.02389	.04819	.12539	.00000	83.555	.00003
SDev	.00415	.00326	.00119	.00040	.00001	.198	.00006
%RSD	15.796	13.631	2.4662	.31493	1460.3	.23727	222.01
#1	.02918	.02159	.04903	.12512	.00001	83.415	.00007
#2	.02332	.02619	.04735	.12567	-.00001	83.695	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00956	.00048	.00100	5.8781	2.3092	46.048	.09537
SDev	.00060	.00086	.00026	.0151	.0005	.052	.00003
%RSD	6.3131	179.15	25.848	.25646	.02265	.11221	.03518
#1	.00999	.00109	.00119	5.8887	2.3089	46.084	.09539
#2	.00913	-.00013	.00082	5.8674	2.3096	46.011	.09535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	7.1485	.01215	-.00598	.00159	-.00093	-.00109
SDev	.00003	.2220	.00070	.00158	.00032	.00032	.00581
%RSD	1.7360	3.1059	5.7349	26.464	19.765	34.147	533.64
#1	.00174	6.9915	.01264	-.00710	.00182	-.00115	-.00520
#2	.00178	7.3055	.01165	-.00486	.00137	-.00070	.00302
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00356	-.00518	.00095	.00036	-.00410	.00157	.01059
SDev	.00010	.01097	.00323	.00015	.00098	.00105	.00022
%RSD	2.6573	211.87	338.80	40.590	23.848	66.824	2.1152
#1	.00363	-.01293	-.00133	.00026	-.00479	.00232	.01074
#2	.00349	.00258	.00324	.00046	-.00341	.00083	.01043
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00269	.00002
SDev	.00068	.00064
%RSD	25.364	2785.4
#1	.00317	.00048
#2	.00221	-.00043
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2902	--	--	--	--	--	--
SDev	5.992799	--	--	--	--	--	--
%RSD	.2065156	--	--	--	--	--	--
#1	2906	--	--	--	--	--	--
#2	2898	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855213 Operator: SW
Run Time: 09/27/08 00:19:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02911	.00354	.01655	.07972	-.00000	99.012	-.00008
SDev	.00087	.00122	.00011	.00079	.00001	.828	.00003
%RSD	2.9878	34.561	.64194	.99324	1113.7	.83646	40.848
#1	.02849	.00441	.01648	.07916	.00001	98.427	-.00006
#2	.02972	.00268	.01663	.08028	-.00001	99.598	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	.00155	.00082	.09730	1.3056	51.078	.00472
SDev	.00011	.00035	.00043	.00215	.0086	.060	.00001
%RSD	20.283	22.668	52.480	2.2084	.65942	.11658	.11182
#1	.00046	.00130	.00113	.09579	1.3117	51.036	.00472
#2	.00061	.00180	.00052	.09882	1.2995	51.120	.00471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	7.3899	.00101	-.00174	.00052	-.00023	.00025
SDev	.00050	.1864	.00000	.00343	.00006	.00110	.00243
%RSD	41.505	2.5224	.23154	196.77	12.016	472.65	987.66
#1	.00157	7.5217	.00100	.00068	.00048	.00055	-.00147
#2	.00086	7.2581	.00101	-.00417	.00057	-.00101	.00197
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00148	-.00055	.00065	.00033	-.00058	.00098	.00741
SDev	.00014	.00629	.00050	.00039	.00678	.00008	.00011
%RSD	9.2831	1135.1	77.765	116.05	1169.0	8.0887	1.4137
#1	-.00158	-.00500	.00029	.00061	-.00538	.00103	.00748
#2	-.00138	.00390	.00100	.00006	.00422	.00092	.00733
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00169	.00035
SDev	.00007	.00027
%RSD	4.2317	75.451
#1	.00174	.00054
#2	.00164	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2889	--	--	--	--	--	--
SDev	7.477620	--	--	--	--	--	--
%RSD	.2588408	--	--	--	--	--	--
#1	2894	--	--	--	--	--	--
#2	2884	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855214 Operator: SW
Run Time: 09/27/08 00:24:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02409	.00022	.02765	.19139	.00004	125.11	.00001
SDev	.00080	.00182	.00023	.00104	.00000	.66	.00010
%RSD	3.3247	829.79	.81712	.54154	3.8782	.53069	1287.7
#1	.02466	-.00107	.02781	.19212	.00004	125.57	.00008
#2	.02353	.00151	.02749	.19066	.00005	124.64	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00038	.00021	1.0061	1.9201	70.670	.47678
SDev	.00059	.00045	.00020	.0077	.0178	.075	.00069
%RSD	64.783	117.97	94.717	.76041	.92856	.10679	.14572
#1	.00132	.00070	.00036	1.0115	1.9327	70.724	.47727
#2	.00049	.00006	.00007	1.0007	1.9075	70.617	.47629
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00027	8.9809	.00381	-.00487	-.00077	-.00213	.00150
SDev	.00069	.0085	.00017	.00291	.00131	.00010	.00223
%RSD	255.32	.09462	4.4769	59.886	170.55	4.6239	148.66
#1	.00076	8.9869	.00369	-.00693	.00016	-.00220	-.00008
#2	-.00022	8.9749	.00393	-.00281	-.00169	-.00206	.00308
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00524	.00050	.00200	.00028	.00050	-.00019	.00443
SDev	.00190	.01230	.00280	.00009	.00096	.00057	.00013
%RSD	36.193	2472.8	140.01	32.751	192.04	300.18	2.9597
#1	-.00390	-.00820	.00398	.00022	.00118	.00021	.00453
#2	-.00658	.00919	.00002	.00035	-.00018	-.00059	.00434
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00190	-.00009
SDev	.00146	.00062
%RSD	76.695	656.37
#1	-.00293	.00034
#2	-.00087	-.00053
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2895	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1942086	--	--	--	--	--	--
#1	2891	--	--	--	--	--	--
#2	2899	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855215 Operator: SW
Run Time: 09/27/08 00:30:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02108	.00121	.02343	.05432	.00001	128.97	-.00008
SDev	.00158	.00119	.00153	.00016	.00000	.03	.00018
%RSD	7.5063	97.946	6.5241	.30355	27.545	.02555	233.15
#1	.02220	.00037	.02451	.05421	.00001	128.99	.00005
#2	.01996	.00205	.02235	.05444	.00001	128.95	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00065	.00090	.00740	1.2643	57.634	.00283
SDev	.00004	.00034	.00005	.00063	.0000	.147	.00006
%RSD	4.9284	51.651	5.0245	8.5757	.00245	.25565	1.9939
#1	.00072	.00041	.00086	.00695	1.2643	57.738	.00287
#2	.00077	.00089	.00093	.00785	1.2643	57.529	.00279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	5.7321	.00095	.00054	.01132	.00773	.00182
SDev	.00023	.1561	.00004	.00010	.00061	.00044	.00862
%RSD	27.960	2.7238	4.5207	19.012	5.3782	5.6981	474.16
#1	-.00066	5.6217	.00092	.00062	.01175	.00804	-.00428
#2	-.00098	5.8425	.00098	.00047	.01089	.00742	.00791
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	-.00562	.00554	-.00016	-.00102	.00069	.00829
SDev	.00332	.00835	.00876	.00025	.00491	.00016	.00038
%RSD	293.01	148.63	158.21	157.95	481.30	23.824	4.5659
#1	-.00348	-.01152	-.00066	-.00033	.00245	.00080	.00855
#2	.00122	.00029	.01173	.00002	-.00449	.00057	.00802
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00043	-.00091
SDev	.00114	.00073
%RSD	262.77	80.411
#1	.00124	-.00143
#2	-.00037	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0954980	--	--	--	--	--	--
#1	2886	--	--	--	--	--	--
#2	2890	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855216 Operator: SW
Run Time: 09/27/08 00:35:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02569	.00140	.06323	.15813	.00001	116.52	.00016
SDev	.00281	.00215	.00053	.00039	.00001	.21	.00013
%RSD	10.956	153.08	.84594	.24486	154.08	.18053	78.939
#1	.02768	-.00012	.06285	.15786	.00002	116.37	.00007
#2	.02370	.00292	.06361	.15841	-.00000	116.67	.00025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00084	.00249	.20483	5.4595	19.901	.13985
SDev	.00004	.00019	.00010	.01153	.0091	.006	.00013
%RSD	6.4126	22.306	3.8455	5.6303	.16625	.02991	.09329
#1	.00060	.00097	.00243	.21298	5.4659	19.906	.13995
#2	.00055	.00070	.00256	.19667	5.4531	19.897	.13976
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00438	8.7713	.00409	-.00330	.00226	.00041	.00747
SDev	.00135	.0360	.00053	.00169	.00206	.00081	.00331
%RSD	30.770	.41085	12.862	51.198	91.121	198.37	44.285
#1	.00343	8.7967	.00372	-.00450	.00372	.00098	.00981
#2	.00533	8.7458	.00446	-.00211	.00080	-.00016	.00513
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.01267	.00487	-.00008	-.00140	.00029	.00488
SDev	.00205	.00548	.00770	.00016	.00221	.00008	.00000
%RSD	9882.3	43.248	158.13	210.00	158.14	28.189	.04430
#1	.00147	.00879	.01032	-.00019	-.00296	.00034	.00488
#2	-.00143	.01654	-.00058	.00004	.00017	.00023	.00488
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00052	-.00038
SDev	.00429	.00044
%RSD	818.89	113.83
#1	-.00251	-.00069
#2	.00356	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2888	--	--	--	--	--	--
SDev	1.219656	--	--	--	--	--	--
%RSD	.0422353	--	--	--	--	--	--
#1	2887	--	--	--	--	--	--
#2	2889	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855217 Operator: SW
Run Time: 09/27/08 00:40:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02252	.00295	.05979	.10398	-.00002	9.7130	-.00006
SDev	.00068	.00112	.00011	.00013	.00001	.0151	.00010
%RSD	3.0406	37.984	.18733	.12802	70.317	.15589	151.13
#1	.02300	.00216	.05986	.10407	-.00003	9.7022	.00000
#2	.02203	.00374	.05971	.10388	-.00001	9.7237	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00033	.00116	.00154	6.5317	6.0102	.00030
SDev	.00004	.00043	.00008	.00126	.0148	.0009	.00005
%RSD	9.9189	132.31	7.2021	82.047	.22733	.01427	17.998
#1	.00035	.00063	.00122	.00243	6.5212	6.0108	.00034
#2	.00041	.00002	.00110	.00065	6.5422	6.0095	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08081	27.557	.00382	.00115	.00135	.00128	.00867
SDev	.00064	.123	.00010	.00116	.00038	.00013	.00227
%RSD	.78639	.44721	2.6544	100.91	28.311	10.295	26.217
#1	.08125	27.470	.00390	.00197	.00108	.00137	.01028
#2	.08036	27.644	.00375	.00033	.00162	.00119	.00706
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.01543	.00529	.00005	.00050	.00006	.00258
SDev	.00046	.00301	.00190	.00028	.00023	.00016	.00025
%RSD	51.370	19.543	35.944	552.81	47.164	289.99	9.7119
#1	.00122	.01756	.00664	-.00015	.00033	-.00006	.00276
#2	.00057	.01330	.00395	.00025	.00066	.00017	.00241
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00391	.00020
SDev	.00111	.00006
%RSD	28.292	27.327
#1	.00313	.00016
#2	.00470	.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2900	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.2194167	--	--	--	--	--	--
#1	2896	--	--	--	--	--	--
#2	2905	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855218 Operator: SW
Run Time: 09/27/08 00:46:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02061	.00479	.03677	.37835	.00002	88.992	.00011
SDev	.00272	.00070	.00023	.00042	.00001	.015	.00003
%RSD	13.222	14.617	.63190	.11178	75.817	.01708	29.452
#1	.02254	.00430	.03661	.37805	.00001	88.981	.00008
#2	.01869	.00529	.03694	.37865	.00003	89.003	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00100	.00031	.00047	.01412	1.4774	31.151	.06801
SDev	.00018	.00030	.00073	.00507	.0063	.029	.00006
%RSD	18.392	95.672	155.60	35.917	.42447	.09467	.09156
#1	.00087	.00052	.00099	.01771	1.4819	31.172	.06806
#2	.00112	.00010	-.00005	.01054	1.4730	31.130	.06797
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02671	21.278	.00084	-.00323	.00121	-.00026	.00084
SDev	.00025	.044	.00005	.00060	.00088	.00039	.00400
%RSD	.95162	.20638	5.4531	18.550	72.642	146.92	476.43
#1	.02653	21.309	.00081	-.00365	.00184	.00001	.00367
#2	.02689	21.246	.00087	-.00280	.00059	-.00054	-.00199
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00661	-.00205	.00038	.00229	.00065	.00260
SDev	.00216	.00856	.01028	.00009	.00190	.00024	.00024
%RSD	459.89	129.47	502.57	23.642	82.905	37.444	9.3937
#1	-.00199	.00056	.00522	.00045	.00364	.00082	.00278
#2	.00106	.01266	-.00931	.00032	.00095	.00048	.00243
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00207	-.00003
SDev	.00159	.00022
%RSD	76.718	644.33
#1	.00095	-.00019
#2	.00319	.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2890	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0917534	--	--	--	--	--	--
#1	2892	--	--	--	--	--	--
#2	2888	--	--	--	--	--	--

Analysis Report QC Standard 09/27/08 00:57:56 AM page 1

Method: TRACE2 Sample Name: CCV Operator: SW
Run Time: 09/27/08 00:52:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.084	.47982	.49364	.50319	.49412	24.847	.48779
SDev	.003	.00135	.00045	.00005	.00063	.021	.00077
%RSD	.01296	.28190	.09161	.00991	.12753	.08291	.15718
#1	25.086	.48078	.49396	.50315	.49457	24.862	.48833
#2	25.082	.47887	.49332	.50322	.49368	24.833	.48725
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48482	.50555	.48550	24.443	24.566	24.857	.49767
SDev	.00078	.00062	.00157	.040	.037	.032	.00085
%RSD	.16019	.12274	.32315	.16308	.15247	.12910	.17075
#1	.48536	.50599	.48661	24.472	24.593	24.880	.49827
#2	.48427	.50511	.48440	24.415	24.540	24.834	.49707
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49060	25.055	.49601	.48768	.49597	.49321	.49274
SDev	.00371	.050	.00069	.00267	.00283	.00100	.00745
%RSD	.75684	.19981	.13884	.54850	.56990	.20165	1.5127
#1	.48797	25.019	.49650	.48579	.49797	.49391	.48747
#2	.49322	25.090	.49552	.48957	.49397	.49251	.49801
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50640	.49004	.49409	.51354	.51222	.48672	.49593
SDev	.00453	.01988	.00124	.00080	.00145	.00057	.00049
%RSD	.89545	4.0562	.25137	.15665	.28325	.11805	.09957
#1	.50319	.47599	.49321	.51297	.51119	.48713	.49558
#2	.50961	.50410	.49497	.51411	.51324	.48631	.49628
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49908	.49520
SDev	.00393	.00073
%RSD	.78700	.14684
#1	.49630	.49571
#2	.50186	.49469
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2851	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.1525476	--	--	--	--	--	--
#1	2848	--	--	--	--	--	--
#2	2854	--	--	--	--	--	--

Analysis Report Blank Sample 09/27/08 01:03:13 AM page 1

Method: TRACE2 Sample Name: CCB Operator: SW
Run Time: 09/27/08 00:58:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01003	.00024	.00085	.00023	.00013	.01044	.00006
SDev	.00042	.00304	.00081	.00009	.00000	.00047	.00002
%RSD	4.2130	1275.0	95.423	38.546	.59668	4.4853	36.759
#1	.01033	-.00191	.00143	.00029	.00013	.01077	.00007
#2	.00973	.00239	.00028	.00017	.00013	.01010	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00021	.00011	.00336	.00765	.01008	.00008
SDev	.00041	.00011	.00093	.00256	.01854	.00381	.00013
%RSD	143.33	52.232	816.62	76.340	242.38	37.773	161.79
#1	-.00000	-.00014	-.00054	.00517	.02076	.01278	-.00001
#2	.00057	-.00029	.00077	.00154	-.00546	.00739	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.31768	.00005	.00146	-.00091	-.00012	-.00035
SDev	.00036	.13156	.00002	.00351	.00362	.00124	.00295
%RSD	38.803	41.411	33.322	240.34	396.39	1017.1	839.34
#1	.00119	.41070	.00004	.00395	-.00347	-.00100	.00173
#2	.00068	.22466	.00007	-.00102	.00165	.00076	-.00243
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	.00796	-.00451	.00077	.00582	-.00000	.00052
SDev	.00441	.00454	.00215	.00024	.00656	.00066	.00000
%RSD	453.25	57.079	47.650	31.627	112.61	27439.	.17518
#1	.00214	.01117	-.00299	.00094	.00119	-.00047	.00052
#2	-.00409	.00475	-.00602	.00060	.01046	.00046	.00052
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00242	.00017
SDev	.00350	.00045
%RSD	144.79	272.61
#1	.00489	.00049
#2	-.00006	-.00015
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2871	--	--	--	--	--	--
SDev	8.273115	--	--	--	--	--	--
%RSD	.2881163	--	--	--	--	--	--
#1	2866	--	--	--	--	--	--
#2	2877	--	--	--	--	--	--

Analysis Report 09/27/08 01:08:31 AM page 1

Method: TRACE2 Sample Name: AD855219 Operator: SW
Run Time: 09/27/08 01:03:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.87130	.01140	.03066	.31079	.00053	9.8645	-.00009
SDev	.00037	.00019	.00092	.00119	.00001	.0189	.00016
%RSD	.04285	1.6390	2.9944	.38415	2.2856	.19145	189.16
#1	.87156	.01127	.03002	.30995	.00054	9.8512	-.00020
#2	.87103	.01153	.03131	.31163	.00052	9.8779	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01355	-.00045	.00000	63.968	1.9070	20.079	.12846
SDev	.00021	.00017	.00003	.042	.0055	.013	.00002
%RSD	1.5893	38.025	4064.3	.06554	.28797	.06303	.01639
#1	.01340	-.00033	.00002	63.938	1.9031	20.070	.12845
#2	.01371	-.00057	-.00002	63.998	1.9109	20.088	.12848
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	60.970	.00489	-.00107	.00157	.00069	.00421
SDev	.00010	.138	.00031	.00020	.00072	.00041	.00520
%RSD	35.638	.22708	6.2501	18.372	45.960	60.336	123.32
#1	.00035	61.067	.00511	-.00093	.00106	.00039	.00789
#2	.00021	60.872	.00468	-.00121	.00207	.00098	.00054
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00087	.01017	.00124	.00060	.00209	.00159	.01335
SDev	.00261	.00703	.00428	.00022	.00471	.00008	.00049
%RSD	299.54	69.103	346.24	37.257	225.01	4.9859	3.6351
#1	.00098	.01514	.00427	.00075	-.00124	.00154	.01301
#2	-.00272	.00520	-.00179	.00044	.00542	.00165	.01369
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00477	-.00021
SDev	.00053	.00061
%RSD	11.181	286.32
#1	.00515	-.00064
#2	.00440	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	2931	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0108602	--	--	--	--	--	--
#1	2931	--	--	--	--	--	--
#2	2931	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855220 Operator: SW
Run Time: 09/27/08 01:08:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.083	.00355	.04576	.01863	.00353	62.177	.00120
SDev	.036	.00100	.00027	.00004	.00002	.114	.00010
%RSD	.24116	28.262	.58851	.20843	.69392	.18364	8.0613
#1	15.108	.00425	.04595	.01866	.00355	62.258	.00127
#2	15.057	.00284	.04557	.01860	.00351	62.097	.00113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01717	.00120	.00738	.42530	3.6105	30.434	.39585
SDev	.00036	.00023	.00028	.00354	.0502	.031	.00031
%RSD	2.0895	19.316	3.8228	.83184	1.3909	.10168	.07811
#1	.01742	.00136	.00758	.42781	3.6460	30.456	.39607
#2	.01691	.00103	.00718	.42280	3.5750	30.412	.39563
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	31.998	.01275	-.00183	.00273	.00121	.00094
SDev	.00013	.091	.00029	.00150	.00021	.00036	.00217
%RSD	30.900	.28523	2.2966	81.810	7.5602	29.904	230.58
#1	-.00050	32.062	.01254	-.00289	.00288	.00095	.00247
#2	-.00032	31.933	.01295	-.00077	.00258	.00147	-.00059
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00296	.00236	.00023	.00235	.00160	.00045	.03321
SDev	.00375	.00068	.00291	.00007	.00605	.00054	.00011
%RSD	126.41	28.737	1271.1	2.9623	378.41	120.69	.33804
#1	-.00031	.00284	.00229	.00240	.00587	.00083	.03329
#2	-.00561	.00188	-.00183	.00230	-.00268	.00007	.03313
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00128	-.00057
SDev	.00170	.00052
%RSD	132.55	91.716
#1	.00008	-.00020
#2	.00249	-.00094
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3479	--	--	--	--	--	--
SDev	11.82643	--	--	--	--	--	--
%RSD	.3399169	--	--	--	--	--	--
#1	3471	--	--	--	--	--	--
#2	3488	--	--	--	--	--	--

Analysis Report 10/02/08 07:11:47 AM page 1

TestAmerica Buffalo Analyst: AH

Primary Review: JS Date: 10/2/08 Secondary Review: AH Date: 10/2/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-127-A	A100108	TRACE2	10/01/08	09:47		X	IR
2	STD 1 12-127-C	A100108	TRACE2	10/01/08	09:52		X	IR
3	STD 2 12-127-D	A100108	TRACE2	10/01/08	09:57		X	IR
4	STD 3 12-127-B	A100108	TRACE2	10/01/08	10:02		X	IR
5	STD 3 VER	A100108	TRACE2	10/01/08	10:08	AH	B	CONC
6	ICV 12-129-E	A100108	TRACE2	10/01/08	10:13	AH	Q	CONC
7	ICB 12-127-A	A100108	TRACE2	10/01/08	10:18	AH	B	CONC
8	CRI 12-120-A	A100108	TRACE2	10/01/08	10:24	AH	B	CONC
9	ICSA 12-124-B	A100108	TRACE2	10/01/08	10:29	AH	Q	CONC
10	ICSAB 12-124-C	A100108	TRACE2	10/01/08	10:35	AH	Q	CONC
11	CCV 12-127-F JWS 10/2/08	A100108	TRACE2	10/01/08	10:41	AH	Q	CONC
12	CCB 12-127-A B892	A100108	TRACE2	10/01/08	10:50	AH	B	CONC
13	AD855555/(1:50) ~~B747~~	A100108	TRACE2	10/01/08	10:55	AH	S	CONC
14	AD855556/(1:50)	A100108	TRACE2	10/01/08	11:01	AH	S	CONC
15	AD855557/(1:50)	A100108	TRACE2	10/01/08	11:06	AH	S	CONC
16	AD855558/(1:50)	A100108	TRACE2	10/01/08	11:12	AH	S	CONC
17	AD855559/(1:50)	A100108	TRACE2	10/01/08	11:18	AH	S	CONC
18	AD855334/(1:5) B802	A100108	TRACE2	10/01/08	11:23	AH	S	CONC
19	AD855380/(1:5) B796	A100108	TRACE2	10/01/08	11:28	AH	S	CONC
20	AD855375/(1:10) B756	A100108	TRACE2	10/01/08	11:34	AH	S	CONC
21	AD855423/(1:20) B784	A100108	TRACE2	10/01/08	11:39	AH	S	CONC
22	AD855748/(1:5) B796	A100108	TRACE2	10/01/08	11:45	AH	S	CONC
23	CCV	A100108	TRACE2	10/01/08	11:53	AH	Q	CONC
24	CCB	A100108	TRACE2	10/01/08	11:58	AH	B	CONC
25	AD855408/(1:20) B747	A100108	TRACE2	10/01/08	12:09	AH	S	CONC
26	AD855409/(1:20)	A100108	TRACE2	10/01/08	12:14	AH	S	CONC
27	AD855410/(1:20)	A100108	TRACE2	10/01/08	12:19	AH	S	CONC
28	AD855410/L (1:100)	A100108	TRACE2	10/01/08	12:25	AH	S	CONC
29	AD855410/PS (1:20)	A100108	TRACE2	10/01/08	12:30	AH	S	CONC
30	AD855411/MS (1:20)	A100108	TRACE2	10/01/08	12:36	AH	S	CONC
31	AD855412/SD (1:20)	A100108	TRACE2	10/01/08	12:45	AH	S	CONC
32	AD855413/(1:20)	A100108	TRACE2	10/01/08	12:50	AH	S	CONC
33	AD855414/(1:20)	A100108	TRACE2	10/01/08	12:56	AH	S	CONC
34	AD855415/(1:20)	A100108	TRACE2	10/01/08	13:01	AH	S	CONC
35	CCV	A100108	TRACE2	10/01/08	13:10	AH	Q	CONC
36	CCB	A100108	TRACE2	10/01/08	13:15	AH	B	CONC
37	AD855416/(1:20)	A100108	TRACE2	10/01/08	13:20	AH	S	CONC
38	AD855424/(1:20) B803	A100108	TRACE2	10/01/08	13:26	AH	S	CONC
39	AD855425	A100108	TRACE2	10/01/08	13:31	AH	S	CONC
40	AD855425/(1:20)	A100108	TRACE2	10/01/08	13:41	AH	S	CONC
41	AD855426/(1:20)	A100108	TRACE2	10/01/08	13:47	AH	S	CONC
42	AD855427/(1:20)	A100108	TRACE2	10/01/08	13:52	AH	S	CONC
43	AD855039 B726	A100108	TRACE2	10/01/08	13:57	AH	S	CONC
44	AD855040	A100108	TRACE2	10/01/08	14:03	AH	S	CONC
45	AD855041	A100108	TRACE2	10/01/08	14:08	AH	S	CONC
46	AD855042	A100108	TRACE2	10/01/08	14:14	AH	S	CONC
47	CCV	A100108	TRACE2	10/01/08	14:20	AH	Q	CONC
48	CCB	A100108	TRACE2	10/01/08	14:26	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD855043	A100108	TRACE2	10/01/08	14:31	AH	S	CONC
50	AD855044	A100108	TRACE2	10/01/08	14:37	AH	S	CONC
51	AD855045	A100108	TRACE2	10/01/08	14:42	AH	S	CONC
52	AD855046	A100108	TRACE2	10/01/08	15:12	AH	S	CONC
53	AD855047	A100108	TRACE2	10/01/08	15:18	AH	S	CONC
54	AD855048	A100108	TRACE2	10/01/08	15:23	AH	S	CONC
55	AD855049	A100108	TRACE2	10/01/08	15:29	AH	S	CONC
56	AD855050	A100108	TRACE2	10/01/08	15:34	AH	S	CONC
57	AD855051	A100108	TRACE2	10/01/08	15:39	AH	S	CONC
58	AD855052	A100108	TRACE2	10/01/08	15:45	AH	S	CONC
59	CCV	A100108	TRACE2	10/01/08	15:52	AH	Q	CONC
60	CCB	A100108	TRACE2	10/01/08	15:57	AH	B	CONC
61	AD855053	A100108	TRACE2	10/01/08	16:02	AH	S	CONC
62	AD855054	A100108	TRACE2	10/01/08	16:08	AH	S	CONC
63	AD855054/L (1:5)	A100108	TRACE2	10/01/08	16:13	AH	S	CONC
64	AD855054/PS	A100108	TRACE2	10/01/08	16:19	AH	S	CONC
65	AD855055/MS	A100108	TRACE2	10/01/08	16:24	AH	S	CONC
66	AD855056/SD	A100108	TRACE2	10/01/08	16:29	AH	S	CONC
67	AD855057	A100108	TRACE2	10/01/08	16:35	AH	S	CONC
68	AD856117/PB	A100108	TRACE2	10/01/08	16:40	AH	S	CONC
69	AD856116/FB B761	A100108	TRACE2	10/01/08	16:46	AH	S	CONC
70	AD856094	A100108	TRACE2	10/01/08	16:51	AH	S	CONC
71	CCV	A100108	TRACE2	10/01/08	16:58	AH	Q	CONC
72	CCB	A100108	TRACE2	10/01/08	17:03	AH	B	CONC
73	AD856095	A100108	TRACE2	10/01/08	17:09	AH	S	CONC
74	AD856096 B794	A100108	TRACE2	10/01/08	17:14	AH	S	CONC
75	AD856097	A100108	TRACE2	10/01/08	17:20	AH	S	CONC
76	AD856098	A100108	TRACE2	10/01/08	17:25	AH	S	CONC
77	AD856099	A100108	TRACE2	10/01/08	17:30	AH	S	CONC
78	AD856100	A100108	TRACE2	10/01/08	17:36	AH	S	CONC
79	AD856101	A100108	TRACE2	10/01/08	17:41	AH	S	CONC
80	AD856102	A100108	TRACE2	10/01/08	17:47	AH	S	CONC
81	AD856103 B884	A100108	TRACE2	10/01/08	17:52	AH	S	CONC
82	AD856104	A100108	TRACE2	10/01/08	17:57	AH	S	CONC
83	CCV	A100108	TRACE2	10/01/08	18:04	AH	Q	CONC
84	CCB	A100108	TRACE2	10/01/08	18:10	AH	B	CONC
85	STD BLK	A100108	TRACE2	10/01/08	18:26		X	IR
86	STD 1	A100108	TRACE2	10/01/08	18:31		X	IR
87	STD 2	A100108	TRACE2	10/01/08	18:36		X	IR
88	STD 3	A100108	TRACE2	10/01/08	18:41		X	IR
89	STD 3 VER	A100108	TRACE2	10/01/08	18:47	AH	B	CONC
90	ICV	A100108	TRACE2	10/01/08	18:52	AH	Q	CONC
91	ICB	A100108	TRACE2	10/01/08	18:58	AH	B	CONC
92	CRI	A100108	TRACE2	10/01/08	19:03	AH	B	CONC
93	ICSA	A100108	TRACE2	10/01/08	19:08	AH	Q	CONC
94	ICSAB	A100108	TRACE2	10/01/08	19:14	AH	Q	CONC
95	CCV	A100108	TRACE2	10/01/08	19:21	AH	Q	CONC
96	CCB	A100108	TRACE2	10/01/08	19:26	AH	B	CONC
97	AD856105	A100108	TRACE2	10/01/08	19:31	AH	S	CONC
98	AD856106	A100108	TRACE2	10/01/08	19:37	AH	S	CONC
99	AD856107 B927	A100108	TRACE2	10/01/08	19:42	AH	S	CONC
100	AD856108	A100108	TRACE2	10/01/08	19:48	AH	S	CONC
101	AD856109	A100108	TRACE2	10/01/08	19:53	AH	S	CONC
102	AD856110	A100108	TRACE2	10/01/08	19:58	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD856110/L (1:5)	A100108	TRACE2	10/01/08	20:04	AH	S	CONC
104	AD856110/PS	A100108	TRACE2	10/01/08	20:09	AH	S	CONC
105	AD856111/MD	A100108	TRACE2	10/01/08	20:15	AH	S	CONC
106	AD856112/MS	A100108	TRACE2	10/01/08	20:20	AH	S	CONC
107	CCV	A100108	TRACE2	10/01/08	20:27	AH	Q	CONC
108	CCB	A100108	TRACE2	10/01/08	20:32	AH	B	CONC
109	AD856113 B950	A100108	TRACE2	10/01/08	20:38	AH	S	CONC
110	AD856114	A100108	TRACE2	10/01/08	20:43	AH	S	CONC
111	AD856115	A100108	TRACE2	10/01/08	20:49	AH	S	CONC
112	AD856166/PB	A100108	TRACE2	10/01/08	20:54	AH	S	CONC
113	AD856165/FB	A100108	TRACE2	10/01/08	20:59	AH	S	CONC
114	AD856150 B805	A100108	TRACE2	10/01/08	21:05	AH	S	CONC
115	AD856151	A100108	TRACE2	10/01/08	21:10	AH	S	CONC
116	AD856152	A100108	TRACE2	10/01/08	21:16	AH	S	CONC
117	AD856153 B878	A100108	TRACE2	10/01/08	21:21	AH	S	CONC
118	AD856154 B885	A100108	TRACE2	10/01/08	21:26	AH	S	CONC
119	CCV	A100108	TRACE2	10/01/08	21:33	AH	Q	CONC
120	CCB	A100108	TRACE2	10/01/08	21:39	AH	B	CONC
121	AD856155	A100108	TRACE2	10/01/08	21:44	AH	S	CONC
122	AD856156	A100108	TRACE2	10/01/08	21:50	AH	S	CONC
123	AD856156/L (1:5)	A100108	TRACE2	10/01/08	21:55	AH	S	CONC
124	AD856156/PS	A100108	TRACE2	10/01/08	22:00	AH	S	CONC
125	AD856157/MS	A100108	TRACE2	10/01/08	22:06	AH	S	CONC
126	AD856158/SD	A100108	TRACE2	10/01/08	22:11	AH	S	CONC
127	AD856159	A100108	TRACE2	10/01/08	22:17	AH	S	CONC
128	AD856160	A100108	TRACE2	10/01/08	22:22	AH	S	CONC
129	AD856161	A100108	TRACE2	10/01/08	22:27	AH	S	CONC
130	AD856162 B906	A100108	TRACE2	10/01/08	22:33	AH	S	CONC
131	CCV	A100108	TRACE2	10/01/08	22:40	AH	Q	CONC
132	CCB	A100108	TRACE2	10/01/08	22:45	AH	B	CONC
133	AD856163 B907	A100108	TRACE2	10/01/08	22:51	AH	S	CONC
134	AD856164 B912	A100108	TRACE2	10/01/08	22:56	AH	S	CONC
135	AD856226 B992	A100108	TRACE2	10/01/08	23:01	AH	S	CONC
136	AD855407/PB	A100108	TRACE2	10/01/08	23:07	AH	S	CONC
137	AD855406/FB	A100108	TRACE2	10/01/08	23:12	AH	S	CONC
138	AD855385 B798	A100108	TRACE2	10/01/08	23:18	AH	S	CONC
139	AD855386	A100108	TRACE2	10/01/08	23:23	AH	S	CONC
140	AD855387	A100108	TRACE2	10/01/08	23:29	AH	S	CONC
141	AD855388	A100108	TRACE2	10/01/08	23:34	AH	S	CONC
142	AD855389	A100108	TRACE2	10/01/08	23:39	AH	S	CONC
143	CCV	A100108	TRACE2	10/01/08	23:46	AH	Q	CONC
144	CCB	A100108	TRACE2	10/01/08	23:52	AH	B	CONC
145	AD855390	A100108	TRACE2	10/01/08	23:57	AH	S	CONC
146	AD855391	A100108	TRACE2	10/02/08	00:03	AH	S	CONC
147	AD855392	A100108	TRACE2	10/02/08	00:08	AH	S	CONC
148	AD855393	A100108	TRACE2	10/02/08	00:13	AH	S	CONC
149	AD855394	A100108	TRACE2	10/02/08	00:19	AH	S	CONC
150	AD855395	A100108	TRACE2	10/02/08	00:24	AH	S	CONC
151	AD855395/L (1:5)	A100108	TRACE2	10/02/08	00:30	AH	S	CONC
152	AD855395/PS	A100108	TRACE2	10/02/08	00:35	AH	S	CONC
153	AD855396/MS	A100108	TRACE2	10/02/08	00:41	AH	S	CONC
154	AD855397/SD	A100108	TRACE2	10/02/08	00:46	AH	S	CONC
155	CCV	A100108	TRACE2	10/02/08	00:53	AH	Q	CONC
156	CCB	A100108	TRACE2	10/02/08	00:58	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD855398	A100108	TRACE2	10/02/08	01:04	AH	S	CONC
158	AD855399	A100108	TRACE2	10/02/08	01:09	AH	S	CONC
159	AD855400	A100108	TRACE2	10/02/08	01:15	AH	S	CONC
160	AD855401	A100108	TRACE2	10/02/08	01:20	AH	S	CONC
161	AD855402	A100108	TRACE2	10/02/08	01:25	AH	S	CONC
162	AD855403	A100108	TRACE2	10/02/08	01:31	AH	S	CONC
163	AD855404	A100108	TRACE2	10/02/08	01:36	AH	S	CONC
164	AD855405	A100108	TRACE2	10/02/08	01:42	AH	S	CONC
165	CCV	A100108	TRACE2	10/02/08	01:49	AH	Q	CONC
166	CCB	A100108	TRACE2	10/02/08	01:54	AH	B	CONC
167	STD BLK	A100108	TRACE2	10/02/08	02:10		X	IR
168	STD 1	A100108	TRACE2	10/02/08	02:16		X	IR
169	STD 2	A100108	TRACE2	10/02/08	02:21		X	IR
170	STD 3	A100108	TRACE2	10/02/08	02:26		X	IR
171	STD 3 VER	A100108	TRACE2	10/02/08	02:31	AH	B	CONC
172	ICV	A100108	TRACE2	10/02/08	02:37	AH	Q	CONC
173	ICB	A100108	TRACE2	10/02/08	02:42	AH	B	CONC
174	CRI	A100108	TRACE2	10/02/08	02:47	AH	B	CONC
175	ICSA	A100108	TRACE2	10/02/08	02:53	AH	Q	CONC
176	ICSAB	A100108	TRACE2	10/02/08	02:58	AH	Q	CONC
177	CCV	A100108	TRACE2	10/02/08	03:05	AH	Q	CONC
178	CCB	A100108	TRACE2	10/02/08	03:10	AH	B	CONC
179	AD856211/PB	A100108	TRACE2	10/02/08	03:16	AH	S	CONC
180	AD856210/FB	A100108	TRACE2	10/02/08	03:21	AH	S	CONC
181	AD856209/PB	A100108	TRACE2	10/02/08	03:27	AH	S	CONC
182	AD856208/FB B025	A100108	TRACE2	10/02/08	03:32	AH	S	CONC
183	AD856187	A100108	TRACE2	10/02/08	03:38	AH	S	CONC
184	AD856188	A100108	TRACE2	10/02/08	03:43	AH	S	CONC
185	AD856189	A100108	TRACE2	10/02/08	03:48	AH	S	CONC
186	AD856190	A100108	TRACE2	10/02/08	03:54	AH	S	CONC
187	AD856191	A100108	TRACE2	10/02/08	03:59	AH	S	CONC
188	AD856192	A100108	TRACE2	10/02/08	04:05	AH	S	CONC
189	CCV	A100108	TRACE2	10/02/08	04:12	AH	Q	CONC
190	CCB	A100108	TRACE2	10/02/08	04:17	AH	B	CONC
191	AD856192/L (1:5)	A100108	TRACE2	10/02/08	04:22	AH	S	CONC
192	AD856192/PS	A100108	TRACE2	10/02/08	04:28	AH	S	CONC
193	AD856193/MS	A100108	TRACE2	10/02/08	04:33	AH	S	CONC
194	AD856194/SD	A100108	TRACE2	10/02/08	04:39	AH	S	CONC
195	AD856195	A100108	TRACE2	10/02/08	04:44	AH	S	CONC
196	AD856196	A100108	TRACE2	10/02/08	04:50	AH	S	CONC
197	AD856197	A100108	TRACE2	10/02/08	04:55	AH	S	CONC
198	AD856198	A100108	TRACE2	10/02/08	05:00	AH	S	CONC
199	AD856199	A100108	TRACE2	10/02/08	05:06	AH	S	CONC
200	AD856200	A100108	TRACE2	10/02/08	05:11	AH	S	CONC
201	CCV	A100108	TRACE2	10/02/08	05:18	AH	Q	CONC
202	CCB	A100108	TRACE2	10/02/08	05:24	AH	B	CONC
203	AD856201	A100108	TRACE2	10/02/08	05:29	AH	S	CONC
204	AD856202	A100108	TRACE2	10/02/08	05:34	AH	S	CONC
205	AD856203	A100108	TRACE2	10/02/08	05:40	AH	S	CONC
206	AD856225 B906	A100108	TRACE2	10/02/08	05:45	AH	S	CONC
207	AD856205 B912	A100108	TRACE2	10/02/08	05:51	AH	S	CONC
208	AD856206 B950	A100108	TRACE2	10/02/08	05:56	AH	S	CONC
209	AD856207	A100108	TRACE2	10/02/08	06:02	AH	S	CONC
210	CRI	A100108	TRACE2	10/02/08	06:13	AH	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	ICSA	A100108	TRACE2	10/02/08	06:18	AH	Q	CONC
212	ICSAB	A100108	TRACE2	10/02/08	06:24	AH	Q	CONC
213	CCV	A100108	TRACE2	10/02/08	06:31	AH	Q	CONC
214	CCB	A100108	TRACE2	10/02/08	06:36	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.05404	8.10309	40.0592	80.9643	50.451	18.685
2	As1890	.03746	.42976	2.0154	4.02794	1.0097	.36465
3	B_2496	.07035	1.40885	6.83281	13.6392	1.0040	.36890
4	Ba4934	.01011	4.54228	22.5485	45.5778	1.0107	.37505
5	Be3130	.21398	7.61143	37.0139	73.3769	.99703	.37185
6	Ca3179	.02591			59.3281	50.372	18.722
7	Cd2265	-.01986	10.6839	52.8586	105.005	.99245	.36913
8	Co2286	-.0048	.60159	3.01043	6.00884	.99806	.36675
9	Cr2677	.00013	1.79762	8.94978	17.8815	.99759	.38177
10	Cu3247	.02553	.9241	4.51336	9.06648	1.0071	.36392
11	Fe2714	-.00073	1.77405	8.8313	17.5914	49.800	18.427
12	K_7664	-.05184			69.0851	50.233	18.714
13	Mg2790	.03949			105.99	50.314	18.768
14	Mn2576	.00172	1.2661	6.30661	12.5669	.99788	.37456
15	Mo2020	.01087	.84242	4.17208	8.37058	1.0082	.37841
16	Na3302	.0085			2.96414	49.849	18.478
17	Ni2316	-.07899	4.73327	23.4643	46.7495	.99261	.37352
18	2203/1	.03713	1.1865	5.87193	11.6766	1.0047	.37622
19	2203/2	-.01927	1.3009	6.43094	12.792	.99207	.37274
20	Sb2068	.00062	.30091	1.51423	3.07792	1.0151	.38928
21	1960/1	-.02453	.25625	1.42189	2.83774	1.0182	.38962
22	1960/2	-.00049	.53766	2.58877	5.15034	.98865	.37438
23	Ti3372	.08239	5.21159	25.5986	51.5028	1.0068	.38855
24	Tl1908	-.00951	.23441	1.16838	2.35964	.99575	.36819
25	V_2924	.00012	.27735	1.37933	2.7597	1.0008	.36799
26	Zn2062	.00012	.17704	.87753	1.74111	.99405	.37578
27	Sn1899	.01407	1.13494	5.75351	11.4461	1.0084	.38323
28	Ag3280	.00557	1.55777	7.81054	15.6952	1.0060	.37499
29	*Y	4051.65	4052.59	4017.53	3979.05	3976.95	4003.73
30	PB2203					.99628	.37390
31	SE1960					.99849	.37945

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00831	.20840	516.94	519.62	24.909	.02365
2	As1890	-.00079	.01027	.00203	.11052	.49243	-.00134
3	B_2496	.00066	.02218	.00179	.01173	.49141	.00057
4	Ba4934	.00019	.00215	.00097	.52526	.49974	.00010
5	Be3130	.00014	.00207	.00094	.50019	.49735	.00011
6	Ca3179	.00512	.50062	521.58	524.72	25.085	.01892
7	Cd2265	.00009	.00113	-.00100	.98378	.49433	.00010
8	Co2286	.00044	.00425	.00085	.49351	.49139	.00016
9	Cr2677	.00043	.00466	-.00215	.50491	.51138	.00011
10	Cu3247	.00010	.01017	.00072	.52328	.48766	.00003
11	Fe2714	.00682	.05672	196.07	98.091	24.722	.01145
12	K_7664	-.01074	.45994	.00088	-.00106	25.174	-.00839
13	Mg2790	.00180	.20662	516.70	512.55	25.084	.01844
14	Mn2576	.00001	.00309	.00149	.49618	.50215	.00005
15	Mo2020	.00064	.01010	-.00047	.00051	.50186	-.00073
16	Na3302	-.10665	1.0471	-.12171	.02143	24.568	.06089
17	Ni2316	.00040	.01047	.00094	.97006	.49881	.00057
18	2203/1	-.00236	.00164	-.00605	.04767	.50414	-.00368

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00111	.00759	.01209	.05991	.50000	.00149
20	Sb2068	.00188	.02288	.00471	.65308	.51395	.00130
21	1960/1	.00261	.02337	.00595	.05393	.51798	.00834
22	1960/2	.00228	.02203	.00318	.05720	.50493	.00259
23	Ti3372	.00029	.00520	.00135	.00317	.52190	.00014
24	Tl1908	.00530	.02220	-.01278	.08980	.50211	.00022
25	V_2924	.00049	.00552	.00036	.51300	.49494	.00008
26	Zn2062	.00027	.01211	-.00532	.97507	.50284	.00000
27	Sn1899	.00009	.00846	-.00299	-.00190	.51593	-.00322
28	Ag3280	.00003	.00265	.00003	.21789	.50284	-.00013
29	*Y	4004.96	3996.15	3782.51	3777.75	3987.6	3991.46
30	PB2203	-.00004	.00561	.00604	.05584	.50138	-.00023
31	SE1960	.00239	.02248	.00410	.05611	.50927	.00451

#	Element	AD8':50)	AD8':50)	AD8':50)	AD8':50)	AD8':50)	AD8'1:5)
1	Al3082	.01055	.03671	.01664	.02851	.30492	.06285
2	As1890	.00103	-.00127	-.00044	.00309	-.00058	.00873
3	B_2496	.00403	.00673	.00627	.00792	.00659	1.1311
4	Ba4934	.00042	.00092	.00075	.00106	.00114	.10203
5	Be3130	.00008	.00010	.00008	.00011	.00009	.00003
6	Ca3179	1.1332	1.6741	1.6304	1.7187	1.6103	38.819
7	Cd2265	.00002	.00008	.00001	.00009	.00000	.00013
8	Co2286	-.00016	.00011	.00001	.00036	.00000	.00250
9	Cr2677	-.00005	.00028	-.00016	.00060	-.00017	.00703
10	Cu3247	.00041	-.00003	-.00023	.00029	.00069	.00306
11	Fe2714	.00937	.02098	.03543	.05125	.04208	2.5749
12	K_7664	.12822	.26480	.26754	.29513	.28294	91.156
13	Mg2790	.40183	.62824	.62822	.65997	.60049	39.058
14	Mn2576	.00080	.00586	.00238	.01025	.00138	.11651
15	Mo2020	-.00007	-.00027	.00086	.00045	-.00008	.00023
16	Na3302	161.61	356.53	359.19	369.89	341.76	241.10
17	Ni2316	.00052	.00146	.00073	.00184	.00424	.01538
18	2203/1	-.00053	-.00374	-.00037	-.00251	-.00153	-.00173
19	2203/2	.00086	-.00005	-.00042	.00037	-.00076	.00289
20	Sb2068	.00009	-.00049	-.00059	.00050	-.00135	-.00252
21	1960/1	.00454	.00012	.01043	.00617	.00680	.00039
22	1960/2	-.00054	-.00025	.00630	.00448	.00107	.00763
23	Ti3372	.00031	.00000	.00029	.00060	.00060	.00275
24	Tl1908	.00051	.00434	.00357	.00134	-.00565	.00013
25	V_2924	.00000	.00013	-.00004	.00041	.00287	.00300
26	Zn2062	.00035	.00072	.00028	.00021	.00065	.01169
27	Sn1899	.00064	-.00193	-.00295	-.00185	-.00105	.00143
28	Ag3280	-.00017	-.00058	-.00057	.00029	-.00007	.00008
29	*Y	3964.39	3926.36	3923.51	3898.54	3905.29	3920.74
30	PB2203	.00039	-.00128	-.00040	-.00058	-.00101	.00135
31	SE1960	.00115	-.00012	.00768	.00504	.00298	.00522

#	Element	AD8'1:5)	AD8':10)	AD8':20)	AD8'1:5)	CCV	CCB
1	Al3082	.07706	.02573	.01286	.05092	25.047	.03064
2	As1890	.00180	.00513	.01146	.00011	.49078	.00025
3	B_2496	.01020	1.0871	.61624	.01269	.49008	.00038
4	Ba4934	.87045	.23217	.03039	.82351	.50227	.00015
5	Be3130	-.00001	.00001	-.00003	-.00003	.49792	.00015
6	Ca3179	41.304	26.143	1.7735	37.640	25.129	.02913
7	Cd2265	.00025	.00004	.00010	.00008	.49308	.00009
8	Co2286	.00933	.00097	.00456	.00851	.48899	.00041
9	Cr2677	.00143	.00291	.00693	.00086	.50981	.00022
10	Cu3247	.00197	.00071	.00069	.00033	.48866	.00041
11	Fe2714	19.148	3.6241	.09922	15.046	24.663	.01011
12	K_7664	.30817	43.192	28.530	.28519	25.154	-.00650
13	Mg2790	6.8211	32.154	2.7004	6.6160	25.248	.02802
14	Mn2576	3.7628	.16671	.00325	3.5691	.50026	.00007
15	Mo2020	-.00044	.00008	-.00038	-.00050	.49937	.00094
16	Na3302	29.572	198.91	123.08	28.888	24.548	.01181
17	Ni2316	.00403	.02911	.01226	.00384	.49922	.00054
18	2203/1	-.00051	-.00104	.00024	-.00303	.50366	-.00308
19	2203/2	.00028	.00031	.00128	-.00045	.49996	.00188
20	Sb2068	-.00125	-.00061	-.00072	.00371	.51485	.00226
21	1960/1	.01208	.00453	.00475	.00554	.50768	.00434
22	1960/2	.00154	.00332	.00774	.00460	.50148	.00016
23	Ti3372	.00281	.00135	.01543	.00042	.52278	.00032
24	Tl1908	-.00381	.00136	-.00223	-.00385	.49826	.00460
25	V_2924	.00118	.00122	.00415	.00076	.49169	.00059
26	Zn2062	.02388	.01377	.00213	.00636	.50047	.00006
27	Sn1899	.00009	-.00085	.00614	-.00060	.51413	-.00268
28	Ag3280	.00023	-.00001	-.00042	.00007	.50258	-.00019
29	*Y	4042.01	3970.88	3996.68	4015.99	3950.7	3953.36
30	PB2203	.00001	-.00014	.00094	-.00131	.50119	.00022
31	SE1960	.00506	.00372	.00674	.00492	.50354	.00156

#	Element	AD8':20)	AD8':20)	AD8':20)	AD8'100)	AD8':20)	AD8':20)
1	Al3082	.00416	.00314	.01026	.03706	9.9070	.51170
2	As1890	.00157	-.00068	-.00076	.00193	.19943	.00968
3	B_2496	.28626	.27728	.31429	.06386	.50841	.31644
4	Ba4934	.00295	.00313	.00169	.00095	.19981	.01192
5	Be3130	.00011	.00011	.00011	.00008	.19992	.01042
6	Ca3179	27.293	33.332	33.509	6.6728	42.934	32.987
7	Cd2265	-.00002	.00012	.00022	.00006	.19938	.01037
8	Co2286	.00030	.00007	.00057	.00081	.19745	.01020
9	Cr2677	.00028	.00009	.00048	.00043	.19823	.01007
10	Cu3247	.00063	.00039	.00112	.00149	.19395	.01034
11	Fe2714	-.00572	.00080	.00370	.00728	10.009	.51889
12	K_7664	.88530	1.1718	.74055	.10936	11.470	1.2369
13	Mg2790	17.681	20.037	18.537	3.6631	28.430	18.537
14	Mn2576	.07525	.01229	.01262	.00243	.21287	.02276
15	Mo2020	.00730	.00101	-.00021	-.00075	.20047	.01064
16	Na3302	165.34	176.85	178.58	35.208	185.40	173.33
17	Ni2316	.00044	.00074	.00112	.00041	.19686	.01052
18	2203/1	-.00174	-.00172	-.00356	-.00668	.19926	.00836

#	Element	AD8':20)	AD8':20)	AD8':20)	AD8'100)	AD8':20)	AD8':20)
19	2203/2	.00108	.00203	.00311	.00272	.19342	.01012
20	Sb2068	.00000	.00037	-.00019	.00043	.19631	.00956
21	1960/1	.00541	.01245	-.00118	-.00071	.20447	.01880
22	1960/2	.00425	.00280	-.00034	.00517	.19784	.01621
23	Ti3372	.00018	.00005	.00027	.00013	.19797	.01037
24	Tl1908	.00120	.00372	.00294	.00154	.19921	.01069
25	V_2924	.00018	.00018	.00046	.00041	.19755	.01000
26	Zn2062	.00043	.00014	.00050	.00043	.20025	.01054
27	Sn1899	-.00444	-.00139	-.00159	-.00304	.17011	.00990
28	Ag3280	.00008	-.00014	-.00009	-.00063	.05040	.00249
29	*Y	3907.69	3908.74	3884.14	3928.5	3902.48	3889.28
30	PB2203	.00014	.00078	.00088	-.00040	.19536	.00953
31	SE1960	.00464	.00602	-.00062	.00320	.20005	.01707

#	Element	AD8':20)	AD8':20)	AD8':20)	AD8':20)	CCV	CCB
1	Al3082	.53410	.01281	.00062	.00283	25.040	.02882
2	As1890	.01149	.00316	.00039	.00026	.48761	-.00060
3	B_2496	.33668	.16416	.13710	.29246	.49126	.00008
4	Ba4934	.01240	.00130	.00077	.00295	.49833	.00013
5	Be3130	.01079	.00012	.00013	.00014	.49881	.00021
6	Ca3179	34.985	33.678	35.001	27.833	25.017	.03250
7	Cd2265	.01054	.00001	-.00003	.00006	.49264	.00015
8	Co2286	.01062	-.00028	.00009	.00045	.48884	.00024
9	Cr2677	.01042	.00006	.00006	.00021	.51324	.00013
10	Cu3247	.01137	.00097	.00090	.00146	.48695	.00100
11	Fe2714	.54414	-.00353	-.00753	-.00213	24.851	.01265
12	K_7664	1.3082	.81686	.97752	.89388	25.119	-.00423
13	Mg2790	19.686	17.769	22.607	17.980	25.156	.02709
14	Mn2576	.02364	.02536	.03884	.07689	.50399	.00001
15	Mo2020	.01045	.00119	.00048	.00798	.49803	.00052
16	Na3302	184.19	110.22	118.50	168.59	24.387	-.15010
17	Ni2316	.01074	.00070	.00082	.00087	.49830	.00042
18	2203/1	.00965	-.00065	-.00143	-.00069	.50372	-.00188
19	2203/2	.01148	-.00008	.00068	-.00052	.49459	.00311
20	Sb2068	.00784	-.00179	-.00259	.00011	.50549	-.00261
21	1960/1	.01453	.00698	.00938	.01026	.50683	.00988
22	1960/2	.01216	-.00049	.00565	.00542	.48860	.00169
23	Ti3372	.01079	.00066	.00024	.00036	.51575	.00042
24	Tl1908	.01530	.00171	.00239	-.00121	.49737	.00511
25	V_2924	.00985	-.00046	.00000	.00019	.48747	.00022
26	Zn2062	.01060	.00006	.00014	.00036	.49884	.00042
27	Sn1899	.01197	-.00319	-.00095	-.00041	.51417	-.00212
28	Ag3280	.00173	-.00050	-.00019	-.00028	.50539	-.00047
29	*Y	3893.44	3919.24	3906.98	3879.68	3922.46	3939.26
30	PB2203	.01087	-.00027	-.00002	-.00058	.49763	.00145
31	SE1960	.01295	.00199	.00689	.00703	.49467	.00442

#	Element	AD8':20)	AD8':20)	AD855425	AD8':20)	AD8':20)	AD8':20)
1	Al3082	.00171	.00189	.15229	.00790	.01161	.00200
2	As1890	.00021	-.00053	.00196	.00054	.00169	.00124
3	B_2496	.27263	.36015	5.0650	.23717	.32179	.37521
4	Ba4934	.00590	.00162	.06061	.00293	.00324	.00321
5	Be3130	.00014	.00017	.00121	.00021	.00017	.00018
6	Ca3179	36.888	88.468	C.00000	134.53	30.034	39.686
7	Cd2265	.00004	.00024	.00160	.00017	.00002	.00009
8	Co2286	.00023	.00033	.00284	.00042	-.00008	.00036
9	Cr2677	.00017	.00060	.00077	.00005	.00009	.00033
10	Cu3247	.00139	.00103	.00445	.00144	.00081	.00112
11	Fe2714	-.00430	-.00292	.05853	.00115	.08493	-.00981
12	K_7664	1.2384	2.0632	70.984	1.9735	.68817	1.2765
13	Mg2790	21.779	41.286	H1313.9	76.576	21.740	20.808
14	Mn2576	.13735	.23068	1.3479	.07020	.26219	.17892
15	Mo2020	.00197	.00070	.01066	-.00109	.00137	.00060
16	Na3302	199.99	287.38	H3900.2	302.40	156.07	220.68
17	Ni2316	.00074	.00091	.00870	.00118	.00068	.00067
18	2203/1	-.00139	-.00126	-.00648	-.00453	-.00225	-.00388
19	2203/2	.00100	.00082	-.00196	.00030	.00095	.00158
20	Sb2068	-.00078	.00292	.00060	-.00069	-.00339	.00146
21	1960/1	.00576	.01122	.02386	.00441	.00543	.00956
22	1960/2	.00045	.00532	.01717	.00493	.00024	.00491
23	Ti3372	.00013	.00005	.00111	.00026	.00053	.00019
24	Tl1908	-.00241	.00315	.00237	-.00131	-.00162	-.00012
25	V_2924	-.00013	.00052	.00025	.00000	.00009	.00000
26	Zn2062	.00043	.00089	.01367	.00119	.00072	.00021
27	Sn1899	-.00439	-.00251	.00085	-.00094	-.00168	-.00228
28	Ag3280	-.00038	.00016	.00381	-.00023	-.00070	-.00023
29	*Y	3883.39	3828.23	3047.25	3805.84	3885.08	3868.99
30	PB2203	.00020	.00012	-.00347	-.00130	-.00011	-.00023
31	SE1960	.00222	.00729	.01940	.00476	.00197	.00646

#	Element	AD855039	AD855040	AD855041	AD855042	CCV	CCB
1	Al3082	.91199	.03706	.02149	.17197	25.307	.02655
2	As1890	.00591	.00244	.00750	.00012	.48836	.00170
3	B_2496	.08416	.43440	.32127	.10635	.49428	.00021
4	Ba4934	.09486	.04557	.05448	.09521	.49887	.00016
5	Be3130	.00022	.00020	.00018	.00051	.50532	.00026
6	Ca3179	122.26	174.69	156.85	H917.36	25.341	.03429
7	Cd2265	.00002	.00050	.00011	.00009	.49908	.00016
8	Co2286	.00071	.00236	.00284	.00086	.49354	.00026
9	Cr2677	.00587	.00302	.00147	.01208	.51862	.00063
10	Cu3247	.00357	.00534	.00150	.00210	.49038	.00116
11	Fe2714	1.6536	.06942	2.1495	.37335	25.150	.01417
12	K_7664	3.1390	.42928	3.3692	10.903	25.198	-.00531
13	Mg2790	38.694	70.200	65.714	88.329	25.409	.03120
14	Mn2576	.30498	.65992	.43222	.20037	.50755	.00009
15	Mo2020	.00492	.01621	.01582	.00137	.49994	.00061
16	Na3302	366.42	95.379	160.94	260.52	24.661	-.06013
17	Ni2316	.00578	.00671	.00426	.01478	.50517	.00007
18	2203/1	.00233	-.00303	-.00394	-.00304	.51060	-.00322

#	Element	AD855039	AD855040	AD855041	AD855042	CCV	CCB
19	2203/2	.00805	.00098	.00106	.00213	.50147	.00094
20	Sb2068	-.00243	.00039	.00159	.00066	.51141	-.00048
21	1960/1	.00947	.00526	.01218	-.00221	.51109	.00234
22	1960/2	.00594	.00548	.00327	-.00027	.49323	.00540
23	Ti3372	.01981	.00076	.00044	.00377	.51826	.00018
24	Tl1908	-.00220	.00068	-.00010	.00226	.50336	.00022
25	V_2924	.00210	.00117	.00044	.00057	.49052	.00064
26	Zn2062	.05448	.11857	.05973	.00849	.50724	.00014
27	Sn1899	-.00158	-.00340	-.00264	-.00140	.51897	-.00156
28	Ag3280	-.00108	-.00008	-.00046	-.00021	.50776	.00001
29	*Y	3829.24	3875.51	3860.51	3722.25	3916.46	3917.21
30	PB2203	.00615	-.00035	-.00060	.00040	.50451	-.00044
31	SE1960	.00712	.00541	.00624	-.00091	.49918	.00438

#	Element	AD855043	AD855044	AD855045	AD855046	AD855047	AD855048
1	Al3082	.09786	.02003	.02484	.42961	.43901	.13503
2	As1890	-.00138	.00533	.00152	.00051	.00015	.00093
3	B_2496	.12680	.07684	.06405	.14276	.09979	.08483
4	Ba4934	.17739	.15772	.12887	.04111	.12487	.05202
5	Be3130	.00036	.00029	.00014	.00026	.00035	.00035
6	Ca3179	543.93	313.41	271.96	174.15	472.72	501.80
7	Cd2265	.00012	.00005	.00020	.00021	.00001	-.00004
8	Co2286	.00384	.00209	.00068	.00107	.00050	.00045
9	Cr2677	.01568	.01083	.00092	.06980	.01785	.01291
10	Cu3247	.00257	.00179	.00124	.00682	.00309	.00436
11	Fe2714	.55849	3.8552	1.0204	1.1543	3.1891	1.4002
12	K_7664	6.2253	5.2540	8.8198	.56667	4.6813	3.1457
13	Mg2790	53.772	65.057	55.976	30.343	55.983	83.393
14	Mn2576	.39507	.37382	.39463	.02903	.58871	.42120
15	Mo2020	.00360	.00367	.00457	.00726	.00149	.00248
16	Na3302	311.84	H603.73	H482.17	53.862	311.93	238.35
17	Ni2316	.08368	.01500	.00247	.01905	.01323	.02401
18	2203/1	-.00122	-.00198	.00082	.00092	-.00030	-.00074
19	2203/2	.00087	.00153	.00362	.00114	.00176	.00165
20	Sb2068	.00038	-.00001	.00157	.00032	-.00014	.00166
21	1960/1	.00549	.00286	.00741	.00634	.00860	.00464
22	1960/2	-.00068	.00094	.00426	.00369	.00465	-.00030
23	Ti3372	.00217	.00048	.00071	.00798	.00291	.00197
24	Tl1908	.00180	.00421	-.00187	.00690	.00134	.00229
25	V_2924	.00066	.00057	.00002	.00191	.00086	-.00011
26	Zn2062	.01459	.04362	.04340	.01611	.00897	.01141
27	Sn1899	-.00033	-.00075	-.00297	-.00019	-.00298	-.00226
28	Ag3280	-.00020	-.00032	-.00062	.00039	-.00025	-.00016
29	*Y	3768.19	3737.55	3985.05	3848.85	3775.28	3767.25
30	PB2203	.00017	.00036	.00269	.00107	.00107	.00085
31	SE1960	.00137	.00158	.00531	.00457	.00597	.00134

#	Element	AD855049	AD855050	AD855051	AD855052	CCV	CCB
1	Al3082	.06766	.57432	.23722	.04554	25.453	.02900
2	As1890	.00190	.00264	.00113	-.00041	.48710	-.00008
3	B_2496	.07874	.03550	.07850	.07038	.49387	-.00004
4	Ba4934	.10407	.04986	.01565	.05165	.50293	.00009
5	Be3130	.00026	.00021	.00038	.00021	.50729	.00029
6	Ca3179	262.58	116.53	525.20	99.903	25.519	.03981
7	Cd2265	-.00003	.00011	.00024	.00052	.50020	.00008
8	Co2286	.00159	.00090	.01491	.00121	.48974	.00064
9	Cr2677	.01084	.01064	.11675	.00080	.51638	.00060
10	Cu3247	.00224	.00400	.00440	.00186	.48769	.00153
11	Fe2714	1.0558	.77678	.74411	.13748	25.130	.01574
12	K_7664	4.5957	3.6200	4.2081	1.2590	25.236	.00482
13	Mg2790	46.112	32.357	65.520	24.378	25.406	.03109
14	Mn2576	.11815	.02056	.26295	.20945	.50952	.00014
15	Mo2020	.00478	.00300	.04110	.00325	.49902	.00058
16	Na3302	H579.81	168.57	282.35	95.724	24.755	-.09402
17	Ni2316	.01105	.02195	1.3697	.00216	.50319	.00017
18	2203/1	-.00099	-.00007	-.00186	.00965	.47964	-.00233
19	2203/2	.00198	.00658	-.00054	.00896	.48823	.00289
20	Sb2068	.00015	-.00124	-.00094	.00195	.50030	-.00083
21	1960/1	.00902	.00819	.00177	.00895	.46776	.01095
22	1960/2	.00111	.00644	.00529	.00157	.48465	.00371
23	Ti3372	.00143	.01251	.00718	.00049	.52083	.00025
24	Tl1908	.00407	-.00090	.00140	-.00132	.50273	.00315
25	V_2924	.00023	.00173	.00064	.00023	.48683	.00069
26	Zn2062	.08655	.06180	.06642	.20636	.50916	.00043
27	Sn1899	-.00004	-.00215	-.00326	-.00236	.52597	-.00239
28	Ag3280	-.00036	-.00055	-.00054	.00028	.50845	.00043
29	*Y	3741.34	3837.19	3769.46	3872.14	3856.73	3877.84
30	PB2203	.00099	.00436	-.00098	.00919	.48537	.00115
31	SE1960	.00375	.00703	.00412	.00403	.47902	.00612

#	Element	AD855053	AD855054	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD
1	Al3082	.26642	.05148	L-.05841	9.3209	10.291	10.339
2	As1890	.00104	.01307	-.00205	.18797	.21991	.22136
3	B_2496	.07493	.03732	-.00025	.17268	.23936	.24096
4	Ba4934	.13659	.05931	.01030	.23328	.26785	.26892
5	Be3130	.00023	.00022	-.00010	.17941	.20651	.20598
6	Ca3179	116.48	156.76	27.163	141.47	170.73	168.84
7	Cd2265	.00115	.00000	-.00057	.14447	.20211	.20127
8	Co2286	.00208	.00372	-.00161	.14281	.20516	.20474
9	Cr2677	.02666	.00124	-.00215	.14522	.20608	.20604
10	Cu3247	.00396	.00299	L-.00802	.16764	.20428	.20440
11	Fe2714	.59588	1.6782	.21186	8.4814	11.906	11.897
12	K_7664	1.8150	3.7241	.73950	10.695	14.791	14.799
13	Mg2790	79.116	65.428	9.0457	51.414	77.689	76.792
14	Mn2576	.30681	.46893	.06563	.46289	.67572	.67437
15	Mo2020	.00751	.00366	.00681	.15355	.20783	.20686
16	Na3302	H715.09	73.045	12.992	70.871	85.454	84.739
17	Ni2316	.21859	.00482	L-.00644	.17378	.20533	.20444
18	2203/1	-.00396	.03135	.06077	.16735	.23717	.23407

#	Element	AD855053	AD855054	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD
19	2203/2	.00276	.03345	-.02384	.18656	.23390	.23232
20	Sb2068	-.00083	.00046	.00697	.14774	.21106	.20389
21	1960/1	-.00270	.01135	.04525	.14271	.21180	.19920
22	1960/2	.00452	.00389	-.02420	.16784	.20317	.20126
23	Ti3372	.00558	.00160	.00112	.17710	.20370	.20376
24	Tl1908	.00132	.00083	-.00813	.17355	.20306	.20214
25	V_2924	.00058	-.00030	-.00273	.14292	.20200	.20209
26	Zn2062	.03177	.13431	.01904	.23973	.32599	.32219
27	Sn1899	-.00070	-.00317	.00860	.12890	.21259	.21152
28	Ag3280	-.00087	-.00050	.00852	.04432	.05174	.05238
29	*Y	3721.65	3828.98	4442.74	4442.17	3831.41	3837.64
30	PB2203	.00052	.03275	.00433	.18016	.23499	.23290
31	SE1960	.00211	.00638	-.00105	.15946	.20605	.20057

#	Element	AD855057	AD8'7/PB	AD8'6/FB	AD856094	CCV	CCB
1	Al3082	.57276	.02134	10.290	.85535	25.359	-.00002
2	As1890	-.00048	.00097	.20810	.00575	.48960	-.00181
3	B_2496	.03517	.00524	.20528	.10306	.49540	-.00006
4	Ba4934	.02761	.00004	.20835	.08809	.50287	.00013
5	Be3130	.00026	.00012	.20690	.00019	.50605	.00025
6	Ca3179	202.04	.05799	10.398	67.541	25.348	.00760
7	Cd2265	.00010	.00016	.20610	.00000	.49906	.00008
8	Co2286	.00234	.00064	.20438	.00031	.49311	-.00023
9	Cr2677	.22254	.00057	.20723	.00107	.51979	-.00007
10	Cu3247	.00549	.00169	.20323	.00403	.49301	.00037
11	Fe2714	1.2022	.01380	10.405	.83444	25.148	.00297
12	K_7664	1.4978	-.00299	10.337	6.4267	25.309	.00305
13	Mg2790	240.42	.00245	10.330	49.245	25.384	.00172
14	Mn2576	.08250	.00009	.20705	.31362	.50921	-.00001
15	Mo2020	.00647	-.00110	.20335	.00209	.50091	.00097
16	Na3302	147.79	-.13398	10.223	13.173	24.829	-.26592
17	Ni2316	.50285	.00123	.20509	.00461	.50445	.00009
18	2203/1	-.00057	-.00644	.20424	.00052	.51171	-.00191
19	2203/2	.00183	.00425	.20752	.00380	.50133	-.00020
20	Sb2068	.00034	.00005	.20439	-.00079	.50725	-.00030
21	1960/1	.00676	-.00199	.21752	.00672	.50725	.00671
22	1960/2	-.00215	.00535	.20186	.00082	.49683	.00593
23	Ti3372	.01308	.00004	.20316	.02863	.51993	.00018
24	Tl1908	.00052	.00195	.20833	.00424	.50214	-.00225
25	V_2924	.00142	.00073	.20226	.00305	.49246	.00041
26	Zn2062	.13388	.00166	.20634	.00666	.50649	.00036
27	Sn1899	-.00247	-.00196	.21630	-.00253	.52325	-.00159
28	Ag3280	.00023	-.00058	.05193	-.00061	.50981	-.00001
29	*Y	3770.59	3915.9	3919.88	3887.55	3864.34	3879.86
30	PB2203	.00103	.00069	.20643	.00271	.50479	-.00077
31	SE1960	.00082	.00290	.20708	.00279	.50030	.00619

#	Element	AD856095	AD856096	AD856097	AD856098	AD856099	AD856100
1	Al3082	.02059	67.479	.88737	.05284	.05687	.10922
2	As1890	.00096	.04582	.00153	.00333	.00266	.00399
3	B_2496	.09813	.32315	.17878	.64916	.64082	.78262
4	Ba4934	.09535	.49930	.20117	.09293	.09141	.29224
5	Be3130	.00024	.00330	.00022	.00018	.00016	.00022
6	Ca3179	163.76	H662.94	143.06	72.850	71.853	194.94
7	Cd2265	.00001	.00099	.00053	.00002	-.00005	-.00010
8	Co2286	.00394	.03790	.00094	.00038	.00040	.00021
9	Cr2677	.00071	.12070	.00190	.00060	.00060	.00058
10	Cu3247	.00160	.18960	.00350	.00118	.00192	.00012
11	Fe2714	.19264	127.81	1.1275	2.7394	2.6448	21.112
12	K_7664	5.8687	40.196	7.7287	12.218	11.998	14.907
13	Mg2790	49.362	344.44	54.252	193.97	190.56	51.548
14	Mn2576	3.2243	4.4465	.11320	.04226	.04172	1.4893
15	Mo2020	.00217	.00978	.00033	.00153	.00096	-.00018
16	Na3302	9.2148	264.52	8.2624	76.613	75.386	100.14
17	Ni2316	.01306	.11232	.00254	.00149	.00159	.00157
18	2203/1	-.00396	.84201	-.00149	-.00211	-.00183	-.00046
19	2203/2	.00237	.82415	.00315	.00319	.00360	-.00146
20	Sb2068	.00174	.00051	-.00143	-.00009	.00231	-.00131
21	1960/1	.00081	.00256	.00585	.00972	.00187	.00111
22	1960/2	.00323	-.00132	.00760	.00239	.00034	.00202
23	Ti3372	.00018	1.2253	.03735	.00126	.00121	.00293
24	Tl1908	.00308	-.00931	.00318	-.00207	.00197	-.00142
25	V_2924	.00037	.12955	.00141	-.00008	.00019	.00038
26	Zn2062	.01784	.58740	.00902	.00353	.00523	.01719
27	Sn1899	-.00057	.00352	-.00169	.00053	-.00237	-.00213
28	Ag3280	-.00021	.00105	-.00017	-.00006	-.00019	-.00006
29	*Y	3865.46	4270.5	3883.84	3865.54	3862.01	3856.31
30	PB2203	.00026	.83010	.00160	.00143	.00179	-.00113
31	SE1960	.00243	-.00002	.00702	.00484	.00085	.00171

#	Element	AD856101	AD856102	AD856103	AD856104	CCV	CCB
1	Al3082	.02003	.40529	.02091	.04007	25.461	.00610
2	As1890	.00115	.00536	.00028	.00129	.49848	-.00103
3	B_2496	.00435	.29777	.00456	.03803	.49636	-.00023
4	Ba4934	.00009	.22244	.00010	.04710	.50681	.00013
5	Be3130	.00011	.00019	.00011	.00012	.50613	.00019
6	Ca3179	.10347	126.60	.06582	24.989	25.566	.00305
7	Cd2265	.00010	-.00009	.00003	.00008	.50206	.00004
8	Co2286	-.00004	.00187	.00001	.00042	.49715	.00028
9	Cr2677	.00018	.00156	-.00003	.00032	.52073	.00026
10	Cu3247	.00064	.00115	.00021	.00087	.49357	.00014
11	Fe2714	.00513	14.785	.01118	.03423	25.149	-.00065
12	K_7664	-.01665	9.1510	-.01309	1.8596	25.496	-.00751
13	Mg2790	.00933	44.933	.00147	13.016	25.688	.00297
14	Mn2576	.00008	.32060	.00002	.03742	.50944	.00001
15	Mo2020	-.00043	-.00047	-.00067	-.00040	.50439	.00045
16	Na3302	-.09857	14.322	-.05113	10.134	25.126	.10713
17	Ni2316	.00115	.00460	.00052	.00187	.50490	.00038
18	2203/1	-.00336	.00011	-.00348	-.00369	.51542	-.00009

#	Element	AD856101	AD856102	AD856103	AD856104	CCV	CCB
19	2203/2	.00202	.00097	.00148	.00229	.51042	.00090
20	Sb2068	-.00275	.00270	-.00303	.00235	.51845	.00310
21	1960/1	.00761	.00517	.00888	.00452	.51683	.01018
22	1960/2	.00154	.00278	.00331	.00012	.50722	.00180
23	Ti3372	.00026	.01852	.00033	.00076	.52942	.00045
24	Tl1908	.00069	.00095	.00142	.00392	.50847	.00294
25	V_2924	.00036	.00070	.00027	.00045	.50096	.00037
26	Zn2062	.00158	.00964	.00143	.00405	.51146	.00043
27	Sn1899	-.00016	-.00255	-.00493	-.00418	.52230	-.00242
28	Ag3280	-.00050	-.00036	-.00074	-.00011	.50788	-.00005
29	*Y	3947.7	3892.65	3951.83	3936.86	3895.91	3899.44
30	PB2203	.00023	.00068	-.00017	.00029	.51209	.00057
31	SE1960	.00356	.00357	.00516	.00159	.51042	.00459

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.06049	8.26132	40.9459	82.9704	50.738	18.671
2	As1890	.0352	.44312	2.07618	4.11325	1.0106	.36699
3	B_2496	.06099	1.43626	6.95601	13.8427	1.0037	.36654
4	Ba4934	.01107	4.63166	23.1285	46.7991	1.0146	.37468
5	Be3130	.22741	7.76043	37.7912	75.0029	1.0012	.37106
6	Ca3179	.02612			61.0376	50.551	18.659
7	Cd2265	-.01339	10.9687	54.066	107.452	.99494	.36755
8	Co2286	-.00476	.6156	3.08418	6.14696	.99977	.36514
9	Cr2677	.00438	1.85013	9.17266	18.295	.99958	.38027
10	Cu3247	.02433	.93014	4.58319	9.21765	1.0137	.36539
11	Fe2714	-.00193	1.82219	9.0438	18.0093	49.878	18.350
12	K_7664	-.04841			70.7155	50.329	18.643
13	Mg2790	.03321			109.132	50.464	18.670
14	Mn2576	.00141	1.29918	6.43981	12.8517	.99784	.37282
15	Mo2020	.00076	.86015	4.23049	8.51849	1.0036	.37627
16	Na3302	-.00063			3.04576	49.959	18.492
17	Ni2316	-.0625	4.76255	23.9259	47.7469	1.0017	.37437
18	2203/1	-.00115	1.25077	5.9923	11.984	.98996	.37031
19	2203/2	-.01803	1.30618	6.63759	13.2161	1.0050	.37524
20	Sb2068	-.00449	.29922	1.5556	3.14581	1.0206	Q.39532
21	1960/1	-.01765	.2923	1.41256	2.92435	.99226	.37128
22	1960/2	.01325	.52822	2.64893	5.27222	1.0173	.38726
23	Ti3372	.08237	5.35692	26.3241	53.0684	1.0098	.38788
24	Tl1908	-.00673	.23177	1.19104	2.40447	1.0191	.37140
25	V_2924	.00103	.28417	1.41872	2.83735	1.0032	.36745
26	Zn2062	.00025	.18216	.90107	1.78621	.99724	.37438
27	Sn1899	-.01181	1.16476	5.88498	11.6926	1.0041	.38501
28	Ag3280	-.00128	1.58666	7.9398	15.9946	1.0041	.37360
29	*Y	3885	3935.93	3895.39	3860.1	3870.71	3891.98
30	PB2203					.99999	.37360
31	SE1960					1.0090	.38193

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00408	.20567	517.20	523.29	24.736	.01798
2	As1890	.00223	.01259	.00359	.10984	.48295	.00079
3	B_2496	.00184	.02161	.00332	.01147	.48518	.00121
4	Ba4934	.00001	.00212	.00088	.52828	.49685	.00023
5	Be3130	.00003	.00202	.00089	.50233	.49316	.00006
6	Ca3179	.00243	.49870	521.12	526.54	24.801	.00411
7	Cd2265	.00002	.00095	-.00140	.98640	.48779	.00003
8	Co2286	.00047	.00372	.00100	.49567	.48517	.00001
9	Cr2677	.00000	.00389	-.00276	.50842	.50616	-.00022
10	Cu3247	.00014	.01008	.00127	.52847	.48583	.00028
11	Fe2714	.00926	.05327	195.95	98.592	24.418	.00289
12	K_7664	-.00891	.45139	-.02435	-.01292	24.826	-.00236
13	Mg2790	.00433	.20598	515.21	513.70	24.723	.00554
14	Mn2576	.00005	.00302	.00162	.49885	.49622	.00002
15	Mo2020	.00272	.01079	.00153	.00288	.49603	.00253
16	Na3302	.00635	1.2787	.11760	.10243	24.692	.33166
17	Ni2316	-.00014	.01013	.00079	.97888	.49611	.00002
18	2203/1	-.00122	.00635	-.00962	.04287	.49340	.00409
19	2203/2	.00045	.00654	.01161	.06231	.49458	-.00019
20	Sb2068	.00460	.02420	.00351	.65682	.51307	.00082
21	1960/1	.00513	.01981	.00625	.04402	.49153	.00491
22	1960/2	-.00031	.01911	-.00110	.06011	.50346	-.00078
23	Ti3372	.00036	.00544	.00147	.00319	.51655	.00077
24	Tl1908	.00087	.01702	-.02534	.08832	.49867	.00362
25	V_2924	.00013	.00496	.00020	.51589	.48933	-.00017
26	Zn2062	.00013	.01104	-.00488	.97958	.49560	.00000
27	Sn1899	-.00036	.00872	.00134	.00394	.50571	-.00128
28	Ag3280	.00035	.00301	.00032	.21998	.49785	.00063
29	*Y	3910.31	3915.08	3672.68	3666.11	3862.01	3873.83
30	PB2203	-.00010	.00648	.00454	.05584	.49419	.00123
31	SE1960	.00150	.01934	.00135	.05474	.49948	.00111

#	Element	AD856105	AD856106	AD856107	AD856108	AD856109	AD856110
1	Al3082	.07396	.01874	.20559	.25445	.17289	.34624
2	As1890	.00010	.00597	-.00009	.00052	.00379	.00365
3	B_2496	.06003	.05168	.03182	.03333	.02708	.02706
4	Ba4934	.04456	.08663	.02233	.01887	.02348	.02409
5	Be3130	.00005	-.00003	-.00003	-.00002	-.00003	-.00003
6	Ca3179	28.959	53.630	48.035	67.311	33.941	33.649
7	Cd2265	.00109	-.00026	-.00001	-.00009	-.00008	-.00002
8	Co2286	.00160	.00509	.00030	-.00021	.00038	.00019
9	Cr2677	.00115	-.00017	.00029	.00016	.00033	.00078
10	Cu3247	.00116	-.00041	.00257	.00163	.00174	.00409
11	Fe2714	.01384	19.951	.14671	.13609	.18365	.41796
12	K_7664	1.3442	4.1889	1.6669	1.6488	1.5490	1.5732
13	Mg2790	13.450	22.584	8.8775	8.9321	9.0120	8.9207
14	Mn2576	.59059	4.0807	.01031	.00983	.01086	.02182
15	Mo2020	.00097	.00039	.00195	.00404	.00196	.00151
16	Na3302	48.967	10.067	14.973	14.958	11.741	11.810
17	Ni2316	.00564	.00381	.00089	.00078	.00088	.00127
18	2203/1	-.00253	.00196	.00309	.00373	.00139	.00182

#	Element	AD856105	AD856106	AD856107	AD856108	AD856109	AD856110
19	2203/2	.00121	.00120	.00139	.00058	.00110	.00178
20	Sb2068	.00241	.00225	.00101	-.00058	.00239	.00012
21	1960/1	-.00314	-.00160	.00074	.00452	.00043	-.00513
22	1960/2	.00019	-.00204	.00416	.00094	.00224	-.00091
23	Ti3372	.00024	.00012	.00197	.00197	.00474	.00890
24	Tl1908	-.00236	-.00284	-.00746	.00209	.00146	-.00267
25	V_2924	.00031	-.00043	.00027	-.00040	.00040	.00080
26	Zn2062	.01027	.00388	.00633	.00837	.00240	.00476
27	Sn1899	-.00107	.00049	-.00100	.00061	.00105	.00161
28	Ag3280	.00005	-.00028	-.00038	-.00025	.00028	.00037
29	*Y	3912.79	3898.05	3896.66	3907.2	3902.74	3894.26
30	PB2203	-.00003	.00145	.00195	.00163	.00120	.00179
31	SE1960	-.00091	-.00190	.00302	.00214	.00164	-.00232

#	Element	AD8'1:5)	AD8'0/PS	AD8'1/MD	AD8'2/MS	CCV	CCB
1	Al3082	.13367	10.513	.34647	10.435	24.728	.05183
2	As1890	-.00032	.20486	.00000	.21110	.48100	.00087
3	B_2496	.00646	.22734	.02736	.22748	.48524	.00107
4	Ba4934	.00507	.22924	.02420	.22970	.49341	.00022
5	Be3130	.00000	.20627	-.00002	.20496	.49131	.00008
6	Ca3179	6.7551	43.418	33.880	44.318	24.665	.02221
7	Cd2265	-.00006	.20424	-.00006	.20285	.48554	.00010
8	Co2286	.00009	.20320	.00025	.20367	.48290	-.00011
9	Cr2677	-.00026	.20518	.00074	.20490	.50514	-.00021
10	Cu3247	.00099	.20586	.00363	.20620	.48501	.00042
11	Fe2714	.08511	10.666	.41108	10.631	24.367	.01462
12	K_7664	.29656	12.041	1.5882	12.010	24.738	-.01179
13	Mg2790	1.7961	19.087	8.9387	19.314	24.756	.02420
14	Mn2576	.00437	.22644	.02164	.22645	.49502	.00011
15	Mo2020	.00059	.20696	.00208	.20409	.49381	.00223
16	Na3302	2.5455	21.587	11.606	21.623	24.497	.31378
17	Ni2316	.00002	.20565	.00095	.20509	.49383	.00014
18	2203/1	.00201	.20082	.00365	.20102	.48505	.00382
19	2203/2	-.00065	.20495	.00092	.20699	.49256	-.00062
20	Sb2068	.00217	.20793	.00136	.20568	.50638	.00239
21	1960/1	.00074	.20298	.00677	.20265	.48596	.00483
22	1960/2	-.00112	.20757	.00402	.21050	.50226	-.00461
23	Ti3372	.00184	.21492	.00744	.20858	.51124	.00072
24	Tl1908	-.00197	.20373	-.00235	.20297	.49453	.00277
25	V_2924	-.00004	.20659	.00063	.20389	.48543	-.00022
26	Zn2062	.00185	.20886	.00428	.20872	.49282	.00128
27	Sn1899	.00042	.16867	.00130	.21180	.50221	.00101
28	Ag3280	.00018	.05168	.00038	.05179	.49753	.00031
29	*Y	3878.25	3891.86	3875.4	3905.18	3854.59	3876.75
30	PB2203	.00023	.20357	.00183	.20500	.49006	.00085
31	SE1960	-.00050	.20604	.00493	.20788	.49682	-.00146

#	Element	AD856113	AD856114	AD856115	AD8'6/PB	AD8'5/FB	AD856150
1	Al3082	.07317	.07707	.03667	.01536	10.186	.07743
2	As1890	.00133	.00165	.00020	.00082	.20523	.00006
3	B_2496	.02671	.04178	.03966	.00365	.20518	.02084
4	Ba4934	.07182	.06338	.05723	.00013	.20600	.01374
5	Be3130	.00001	-.00001	-.00001	-.00005	.20415	-.00003
6	Ca3179	67.706	64.090	61.103	.04360	10.305	9.2250
7	Cd2265	.00000	-.00007	-.00008	-.00003	.20359	-.00004
8	Co2286	.00070	.00026	.00044	.00018	.20305	.00028
9	Cr2677	-.00001	.00000	-.00001	-.00004	.20403	.00080
10	Cu3247	.00101	.00092	.00160	.00059	.20136	.00196
11	Fe2714	.79081	13.069	.21493	.00290	10.212	.64756
12	K_7664	3.2216	3.4595	3.2708	-.01444	10.223	2.3209
13	Mg2790	29.020	27.720	26.283	.00405	10.274	1.8332
14	Mn2576	1.8461	.98176	.01344	.00004	.20338	.04216
15	Mo2020	.00252	.02610	.02125	.00061	.20233	.00102
16	Na3302	80.905	78.899	72.683	.30181	10.486	20.077
17	Ni2316	.00130	.00099	.00270	.00023	.20387	.00184
18	2203/1	-.00067	.00147	-.00060	.00200	.20356	.00269
19	2203/2	.00130	.00162	.00117	-.00060	.20390	.00240
20	Sb2068	.00204	.00135	.00515	.00056	.20683	.00164
21	1960/1	-.00257	.00339	.00417	.00565	.19861	-.00306
22	1960/2	.00463	-.00164	.00312	.00194	.20326	.00154
23	Ti3372	.00273	.00358	.00049	.00048	.20282	.00259
24	Tl1908	-.00043	.00088	-.00284	-.00523	.20684	.00275
25	V_2924	.00000	-.00008	-.00021	-.00004	.20286	.00012
26	Zn2062	.00278	.00450	.00134	.00148	.20407	.00460
27	Sn1899	-.00035	.00011	-.00023	-.00225	.21019	-.00006
28	Ag3280	.00049	.00000	.00026	.00012	.05213	-.00055
29	*Y	3868.28	3857.7	3873.15	3894.11	3906.98	3907.84
30	PB2203	.00064	.00157	.00058	.00026	.20379	.00250
31	SE1960	.00223	.00003	.00347	.00317	.20171	.00000

#	Element	AD856151	AD856152	AD856153	AD856154	CCV	CCB
1	Al3082	.08766	.07961	.01855	10.922	24.877	.03775
2	As1890	.00237	.00289	.00260	.00542	.47918	.00183
3	B_2496	.01890	.02046	.23515	.01573	.48602	-.00207
4	Ba4934	.01153	.01381	.06353	.11504	.49607	.00009
5	Be3130	-.00004	-.00001	-.00002	.00183	.49388	.00009
6	Ca3179	8.1136	9.2239	66.878	15.976	24.804	.01893
7	Cd2265	.00003	-.00004	-.00015	-.00030	.48728	-.00058
8	Co2286	.00026	.00013	.00014	.01149	.48406	-.00244
9	Cr2677	.00080	.00109	.00034	.06216	.50552	-.00299
10	Cu3247	.00209	.00216	.00906	.04553	.48626	-.00283
11	Fe2714	.71045	.64922	.68056	33.491	24.377	-.03731
12	K_7664	1.9086	2.3318	8.2845	3.4630	24.773	-.02029
13	Mg2790	1.8052	1.8399	17.923	6.8578	24.886	.02033
14	Mn2576	.04995	.04205	.16940	.08039	.49526	-.00030
15	Mo2020	.00107	.00034	.01129	.00129	.49528	.00139
16	Na3302	20.187	20.194	132.85	8.8951	24.369	.09504
17	Ni2316	.00124	.00136	.00129	.03507	.49589	-.00227
18	2203/1	.00189	.00204	-.00178	.01352	.49282	.01717

#	Element	AD856151	AD856152	AD856153	AD856154	CCV	CCB
19	2203/2	.00291	.00271	.00020	.01519	.49494	-.00876
20	Sb2068	.00334	.00251	.00228	.00045	.50838	-.00250
21	1960/1	.00031	-.00187	.00761	-.00357	.49955	.01234
22	1960/2	-.00176	-.00010	-.00212	.00160	.49968	-.01033
23	Ti3372	.00304	.00302	.00025	.34554	.51496	.00024
24	Tl1908	-.00107	-.00064	.00436	.00067	.49690	-.00374
25	V_2924	.00039	.00035	.00068	.11717	.48724	L-.00306
26	Zn2062	.00526	.00483	.00589	.04067	.49469	.00113
27	Sn1899	-.00053	.00100	.00162	.00433	.50539	.00150
28	Ag3280	-.00010	.00022	-.00006	-.00003	.49820	-.00042
29	*Y	3892.09	3899.96	3851.74	4196.06	3841.65	3867.75
30	PB2203	.00257	.00249	-.00045	.01464	.49423	-.00012
31	SE1960	-.00107	-.00069	.00112	-.00011	.49963	-.00277

#	Element	AD856155	AD856156	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD
1	Al3082	63.588	24.568	6.1320	33.909	35.410	30.979
2	As1890	.11184	.02136	.00438	.21843	.20704	.17576
3	B_2496	.30708	.07856	.01880	.27041	.26037	.21732
4	Ba4934	.68180	.17535	.04065	.36926	.36636	.31023
5	Be3130	.00678	.00175	.00038	.19770	.18819	.15710
6	Ca3179	93.181	55.776	11.666	64.752	63.550	53.681
7	Cd2265	.00167	-.00033	-.00009	.19363	.18387	.15414
8	Co2286	.11322	.03082	.00645	.22371	.21516	.18028
9	Cr2677	.13450	.04331	.00971	.23693	.22965	.19329
10	Cu3247	.18081	.04840	.00998	.24181	.23364	.19505
11	Fe2714	202.58	42.818	9.0551	51.740	50.952	43.499
12	K_7664	31.020	8.3814	1.7973	18.350	17.669	15.133
13	Mg2790	54.747	27.982	5.8733	37.493	36.749	31.040
14	Mn2576	14.934	1.7679	.37119	1.9331	1.8969	1.6160
15	Mo2020	.00388	.00156	.00124	.19618	.18499	.15454
16	Na3302	69.278	16.196	3.5906	25.492	25.061	21.152
17	Ni2316	.18927	.03791	.00777	.23115	.22123	.18713
18	2203/1	.10451	.02119	.00869	.20816	.20569	.17097
19	2203/2	.10906	.02230	.00463	.21905	.20747	.17821
20	Sb2068	.00542	.00333	.00192	.19961	.17175	.14322
21	1960/1	.00166	.00603	.00395	.19418	.17806	.15806
22	1960/2	-.00171	.00278	.00445	.19824	.18591	.15866
23	Ti3372	1.4117	.36507	.12496	.55155	.54193	.48165
24	Tl1908	L-.01583	-.00511	.00148	.19117	.18043	.15243
25	V_2924	.19851	.08789	.01955	.28228	.27306	.23008
26	Zn2062	.53799	.09292	.02011	.28430	.27313	.23089
27	Sn1899	.00581	.00259	.00202	.15712	.19340	.16422
28	Ag3280	-.00043	-.00020	.00009	.04896	.04693	.03955
29	*Y	4350.86	4080.75	3901.16	4064.21	4053.64	4021.5
30	PB2203	.10755	.02193	.00598	.21542	.20688	.17580
31	SE1960	-.00059	.00387	.00428	.19688	.18329	.15846

#	Element	AD856159	AD856160	AD856161	AD856162	CCV	CCB
1	Al3082	14.596	.02434	.04493	26.260	24.974	.00318
2	As1890	.01947	.00091	.00100	.01312	.48133	.00241
3	B_2496	.07886	.03541	.04449	.17305	.48759	.00086
4	Ba4934	.12414	.01236	.03364	.27596	.49920	.00016
5	Be3130	.00111	-.00003	-.00004	.00218	.49421	.00002
6	Ca3179	40.966	19.638	20.508	96.972	24.814	-.00045
7	Cd2265	-.00020	.00003	-.00005	.00177	.48754	-.00006
8	Co2286	.01461	.00068	.00013	.01838	.48549	.00000
9	Cr2677	.03538	.00017	-.00005	.07776	.50599	-.00007
10	Cu3247	.03348	.00029	.00000	.13812	.48911	-.00032
11	Fe2714	33.296	.05307	.03933	39.892	24.369	.00215
12	K_7664	18.162	2.3783	1.7108	14.389	24.865	-.00217
13	Mg2790	20.454	9.5172	10.941	27.447	24.885	.00490
14	Mn2576	1.5606	.00337	.00354	1.1655	.49590	.00005
15	Mo2020	.00239	-.00006	.00104	.01825	.49629	.00208
16	Na3302	21.573	16.038	16.382	76.959	24.489	.39328
17	Ni2316	.02291	.00058	.00086	.04549	.49692	.00030
18	2203/1	.01660	-.00226	-.00174	.14666	.48938	.00243
19	2203/2	.01555	.00098	.00168	.15120	.49746	-.00050
20	Sb2068	.00276	.00252	.00203	.00913	.51871	.00193
21	1960/1	.00420	-.00023	.00124	.01253	.49263	-.00103
22	1960/2	-.00123	-.00208	.00218	.00557	.50162	-.00104
23	Ti3372	.34118	.00053	.00078	.86231	.51770	.00069
24	Tl1908	-.00031	.00143	.00093	-.00598	.49838	.00393
25	V_2924	.05265	.00013	.00004	.10202	.48962	-.00004
26	Zn2062	.06219	.00170	.00186	.50482	.49463	.00020
27	Sn1899	.00272	.00209	.00220	.01548	.50415	-.00006
28	Ag3280	.00035	.00031	.00002	-.00005	.49895	.00023
29	*Y	3924.38	3879.11	3861.83	3987.9	3828.11	3846.64
30	PB2203	.01590	-.00009	.00053	.14969	.49477	.00047
31	SE1960	.00057	-.00147	.00186	.00789	.49862	-.00104

#	Element	AD856163	AD856164	AD856226	AD8'7/PB	AD8'6/FB	AD855385
1	Al3082	1.1814	4.5494	.22378	.01994	10.573	.12601
2	As1890	.00517	.00541	-.00141	-.00049	.21350	.00309
3	B_2496	.05829	.07525	.02506	.00395	.21111	.01970
4	Ba4934	.03448	.07888	.01190	.00001	.21483	.10308
5	Be3130	.00003	.00037	-.00005	-.00005	.20871	.00001
6	Ca3179	41.431	53.592	13.111	.05115	10.563	140.23
7	Cd2265	.00011	.00018	.00019	-.00012	.20822	-.00027
8	Co2286	.00111	.00417	.00020	-.00035	.20869	.00021
9	Cr2677	.00202	.01001	.00063	-.00075	.20889	.00098
10	Cu3247	.00716	.02785	.01558	-.00056	.20698	.00105
11	Fe2714	1.2480	7.0053	.31191	.00148	10.414	29.387
12	K_7664	10.698	11.581	.92394	-.02237	10.583	15.410
13	Mg2790	7.8127	13.272	1.9886	.00320	10.534	23.694
14	Mn2576	.20601	.19203	.00991	-.00003	.20837	.61131
15	Mo2020	.00879	.01398	.00097	.00032	.20901	.00166
16	Na3302	7.9762	27.967	6.5581	.25503	10.638	11.350
17	Ni2316	.00340	.00909	.00210	.00000	.20951	.00058
18	2203/1	.00506	.01575	.00127	.00225	.20603	-.00103

#	Element	AD856163	AD856164	AD856226	AD8'7/PB	AD8'6/FB	AD855385
19	2203/2	.00442	.01409	.00512	.00049	.21246	.00061
20	Sb2068	.00174	.00452	.00062	-.00169	.21425	-.00093
21	1960/1	.00730	-.00057	.00159	.00458	.20461	.00658
22	1960/2	-.00096	.00093	.00381	.00014	.21466	-.00300
23	Ti3372	.04001	.14233	.02513	.00034	.20977	.00080
24	Tl1908	.00467	.00011	-.00143	-.00227	.21190	-.00616
25	V_2924	.00411	.01663	.00129	-.00072	.20885	.00006
26	Zn2062	.01300	.07476	.11769	.00077	.20901	.00660
27	Sn1899	.00248	.00181	-.00067	-.00008	.21261	.00015
28	Ag3280	.00010	.00026	-.00015	-.00039	.05356	-.00009
29	*Y	3882.34	3894.08	3917.89	3896.89	3878.55	3843.71
30	PB2203	.00463	.01464	.00384	.00108	.21032	.00006
31	SE1960	.00178	.00042	.00307	.00162	.21131	.00019

#	Element	AD855386	AD855387	AD855388	AD855389	CCV	CCB
1	Al3082	.03426	.02842	.32680	.04291	24.865	.00168
2	As1890	.00223	.00335	.00016	.00220	.48285	-.00018
3	B_2496	.03554	.03517	.03763	.03561	.48892	.00075
4	Ba4934	.84047	.94929	.81676	.96241	.49921	.00000
5	Be3130	.00011	.00009	.00007	.00009	.49227	.00004
6	Ca3179	196.45	201.76	171.94	199.74	24.785	.00175
7	Cd2265	-.00076	-.00097	-.00070	-.00104	.48847	-.00004
8	Co2286	.00074	.00021	.00062	.00085	.48717	-.00005
9	Cr2677	.00012	-.00011	.00112	.00839	.50584	.00010
10	Cu3247	-.00012	-.00054	.00052	.00921	.48599	-.00044
11	Fe2714	84.011	89.838	73.972	106.27	24.333	.00575
12	K_7664	3.3233	3.7759	2.9905	3.7718	24.976	-.00528
13	Mg2790	34.602	36.043	29.525	37.013	24.960	.00552
14	Mn2576	.37768	.41354	.40246	.46834	.49583	.00005
15	Mo2020	.00110	.00076	.00063	.00225	.49904	.00178
16	Na3302	6.0916	7.5563	3.3075	7.8366	24.549	.28819
17	Ni2316	.00035	.00038	.00061	.00421	.49525	-.00034
18	2203/1	.00131	.00475	.00189	.00278	.48582	.00376
19	2203/2	.00227	-.00014	.00324	.00066	.49736	.00070
20	Sb2068	-.00002	-.00073	.00214	.00220	.51270	.00260
21	1960/1	.00442	.00500	.00698	-.00015	.49548	.00499
22	1960/2	.00316	-.00482	.00108	-.00503	.50784	-.00288
23	Ti3372	.00058	.00094	.00566	.00172	.51995	.00030
24	Tl1908	-.00665	L-.01260	L-.01220	L-.01406	.49435	.00303
25	V_2924	-.00005	-.00013	.00068	.00016	.49282	-.00036
26	Zn2062	.00063	-.00089	.00302	.06206	.49613	-.00007
27	Sn1899	.00160	.00215	.00197	.00236	.50328	.00006
28	Ag3280	-.00018	-.00010	-.00037	-.00007	.49777	.00045
29	*Y	3829.65	3813.53	3837.3	3821.96	3838.31	3831.45
30	PB2203	.00195	.00148	.00279	.00136	.49352	.00172
31	SE1960	.00358	-.00154	.00305	-.00340	.50371	-.00025

#	Element	AD855390	AD855391	AD855392	AD855393	AD855394	AD855395
1	Al3082	.03634	1.2117	.02780	.50849	.05226	.04499
2	As1890	.00223	.00544	.00259	.00238	.00207	.00473
3	B_2496	.03746	.04565	.00530	.04384	.05482	.03965
4	Ba4934	1.0019	.79865	.00068	.88994	.91355	.80512
5	Be3130	.00015	.00016	-.00002	.00011	.00014	.00010
6	Ca3179	210.15	193.41	.32377	204.96	194.05	194.57
7	Cd2265	-.00099	-.00071	-.00002	-.00098	-.00088	-.00077
8	Co2286	.00103	.00154	.00000	.00081	.00111	.00056
9	Cr2677	.00046	.00281	.00520	.00322	.00415	.00037
10	Cu3247	-.00017	.00338	.00011	.00135	-.00002	.00018
11	Fe2714	94.846	81.094	.12989	99.990	93.697	71.885
12	K_7664	3.9207	2.2349	-.00797	2.3957	4.1251	2.4300
13	Mg2790	38.889	36.455	.06704	40.847	38.315	38.498
14	Mn2576	.42171	.45241	.00043	.36334	.23444	.31467
15	Mo2020	.00078	.00212	.00064	.00098	-.00081	-.00032
16	Na3302	8.0579	7.7622	.41408	10.955	10.177	6.2442
17	Ni2316	.00061	.00206	.00208	.00104	.00094	.00100
18	2203/1	-.00003	.00464	.00032	.00498	-.00180	-.00042
19	2203/2	.00080	.00400	.00127	.00266	.00177	.00229
20	Sb2068	.00186	.00580	.00245	.00370	-.00022	.00128
21	1960/1	.00328	.01143	-.00109	.00114	-.00181	-.00117
22	1960/2	.00107	-.00091	.00738	.00230	.00323	.00072
23	Ti3372	.00090	.02882	.00046	.01034	.00139	.00060
24	Tl1908	-.00795	L-.01186	.00017	L-.01455	L-.01220	-.00511
25	V_2924	.00035	.00293	-.00009	.00114	.00055	.00032
26	Zn2062	-.00141	.00541	.00192	.00411	-.00104	-.00102
27	Sn1899	-.00007	.00282	-.00062	.00143	-.00111	.00021
28	Ag3280	.00002	.00107	-.00007	-.00023	-.00003	-.00019
29	*Y	3799.5	3787.09	3869.21	3811.88	3799.69	3799.5
30	PB2203	.00052	.00422	.00095	.00343	.00057	.00138
31	SE1960	.00181	.00319	.00456	.00191	.00155	.00009

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB
1	Al3082	.00853	10.785	10.586	10.462	25.064	.00763
2	As1890	.00252	.20828	.21427	.21461	.48789	-.00113
3	B_2496	.00836	.25007	.24889	.24684	.48799	.00066
4	Ba4934	.16054	1.0081	1.0464	1.0426	.50152	.00005
5	Be3130	.00004	.20588	.20871	.20675	.49650	.00009
6	Ca3179	38.953	201.18	212.33	211.36	25.057	.00847
7	Cd2265	-.00018	.20132	.20417	.20145	.49297	-.00009
8	Co2286	.00014	.20239	.20666	.20481	.48987	-.00010
9	Cr2677	.00013	.20393	.20785	.20660	.50985	-.00001
10	Cu3247	-.00032	.20509	.20919	.20775	.48912	-.00065
11	Fe2714	14.581	80.317	84.376	83.842	24.536	.00430
12	K_7664	.42525	13.742	13.658	13.475	25.061	-.01349
13	Mg2790	7.7845	48.047	50.455	50.051	25.195	.00562
14	Mn2576	.06349	.51107	.53023	.52343	.49833	.00004
15	Mo2020	.00053	.20802	.20980	.20743	.50102	.00165
16	Na3302	1.4656	16.830	17.057	16.987	24.807	.15889
17	Ni2316	-.00027	.20205	.20595	.20364	.50108	-.00015
18	2203/1	.00255	.19913	.20312	.20031	.49324	.00226

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB
19	2203/2	.00047	.20402	.20700	.20721	.50476	-.00043
20	Sb2068	.00158	.21041	.21660	.21547	.51749	.00174
21	1960/1	.00496	.20072	.20051	.20716	.49356	.00419
22	1960/2	.00020	.20738	.20674	.20914	.50871	.00332
23	Ti3372	.00041	.20930	.21150	.21040	.52470	.00045
24	Tl1908	.00313	.19470	.19785	.19504	.50964	.00311
25	V_2924	-.00035	.20836	.21031	.20904	.49587	-.00017
26	Zn2062	-.00009	.20000	.20088	.19863	.50134	.00028
27	Sn1899	.00118	.16938	.21538	.21095	.50765	-.00028
28	Ag3280	.00026	.05245	.05353	.05362	.49987	-.00030
29	*Y	3836.48	3796.65	3804.79	3791.93	3818.93	3824.78
30	PB2203	.00116	.20240	.20571	.20491	.50092	.00046
31	SE1960	.00179	.20516	.20466	.20848	.50365	.00361

#	Element	AD855398	AD855399	AD855400	AD855401	AD855402	AD855403
1	Al3082	.62059	.07799	.36861	.64862	3.5031	.18476
2	As1890	.00226	.00108	.00107	.00304	.00220	.00584
3	B_2496	.04330	.04609	.02106	.01875	.01811	.01935
4	Ba4934	.83419	.90309	.06397	.10254	.02905	.06999
5	Be3130	.00016	.00017	.00006	.00007	.00012	.00005
6	Ca3179	224.14	235.49	137.48	121.84	79.537	94.249
7	Cd2265	-.00028	-.00086	-.00002	-.00048	-.00002	-.00080
8	Co2286	.00136	.00088	.00118	.00093	.00716	.00466
9	Cr2677	.00475	.00028	.00023	.00035	.00494	-.00071
10	Cu3247	.00198	-.00007	-.00008	-.00063	.00379	-.00027
11	Fe2714	115.26	79.943	1.2178	28.837	29.731	74.805
12	K_7664	4.3812	3.1520	2.8693	2.7431	.90084	2.6022
13	Mg2790	35.094	35.602	23.807	16.237	19.740	20.913
14	Mn2576	.44009	.20664	1.2216	1.2827	6.0370	2.0714
15	Mo2020	.00178	.00163	.00128	.00118	.00053	.00132
16	Na3302	10.111	12.283	109.43	138.92	13.255	15.541
17	Ni2316	.00070	.00044	.00031	.00026	.00292	.00001
18	2203/1	.01032	.00396	.00284	.00466	.00041	.00226
19	2203/2	.00528	.00357	-.00001	.00014	.00580	.00058
20	Sb2068	.00059	.00377	.00277	-.00059	.00090	.00087
21	1960/1	.01257	.00672	.00807	.00172	-.00755	.00101
22	1960/2	-.00121	-.00191	-.00365	-.00195	.00040	-.00276
23	Ti3372	.01769	.00101	.01390	.02291	.09026	.00280
24	Tl1908	L-.01030	L-.01362	.00217	-.00436	-.00897	-.00979
25	V_2924	.00159	.00034	.00017	.00160	.00723	.00151
26	Zn2062	.00496	.00020	.00329	.00455	.01279	.00057
27	Sn1899	.00080	.00193	.00125	.00009	-.00027	.00165
28	Ag3280	.00006	.00048	.00027	.00034	.00005	.00006
29	*Y	3821.51	3790.58	3789.04	3810.86	3873.08	3827.74
30	PB2203	.00696	.00370	.00093	.00164	.00400	.00114
31	SE1960	.00338	.00096	.00025	-.00072	-.00224	-.00150

#	Element	AD855404	AD855405	CCV	CCB	STD BLK	STD 1
1	Al3082	.38218	13.521	24.973	.00990	.05962	8.34095
2	As1890	.00205	.01364	.48295	.00066	.03171	.44422
3	B_2496	.06272	.06756	.48872	.00170	.0629	1.46759
4	Ba4934	1.2739	.08581	.50010	.00013	.01169	4.72071
5	Be3130	.00011	.00050	.49454	.00011	.23021	7.76465
6	Ca3179	193.51	58.024	24.947	.01234	.02495	
7	Cd2265	-.00061	-.00014	.49158	.00002	-.01457	10.978
8	Co2286	.00122	.00669	.48987	.00025	-.00499	.62013
9	Cr2677	.00244	.01439	.50855	-.00023	.00052	1.85855
10	Cu3247	.00039	.01811	.48709	-.00040	.01799	.94198
11	Fe2714	54.094	15.429	24.536	.01553	-.00184	1.82012
12	K_7664	5.5547	3.8415	25.057	-.00166	-.06971	
13	Mg2790	55.573	20.490	25.143	.00889	.03953	
14	Mn2576	.33272	.46081	.49786	.00009	.00131	1.2945
15	Mo2020	.00127	.00365	.49774	.00259	.01195	.86642
16	Na3302	16.769	31.770	24.826	.27778	.00854	
17	Ni2316	.00069	.01413	.49787	.00006	-.10059	4.81495
18	2203/1	.00246	.00899	.49572	.00007	.04481	1.20786
19	2203/2	.00129	.00828	.50080	.00091	-.0092	1.35914
20	Sb2068	-.00037	.00428	.51511	.00433	.00341	.31441
21	1960/1	.00549	.00058	.49837	.00525	-.00997	.26669
22	1960/2	.00157	-.00072	.50670	.00172	.00629	.55589
23	Ti3372	.01060	.26816	.52192	.00050	.09286	5.47498
24	Tl1908	-.00245	-.00012	.49546	.00107	-.01149	.22602
25	V_2924	.00086	.02180	.49405	.00024	.00013	.29025
26	Zn2062	.01481	.04024	.49827	.00050	0	.18257
27	Sn1899	.00065	.00095	.50704	.00179	.00235	1.18378
28	Ag3280	.00028	.00035	.49983	-.00003	.00526	1.59212
29	*Y	3806.89	3880.61	3817.99	3807	3807.26	3798.38
30	PB2203	.00168	.00852	.49911	.00063		
31	SE1960	.00288	-.00028	.50392	.00290		

#	Element	STD 2	STD 3	STD' VER	ICV	ICB	CRI
1	Al3082	41.4575	83.2798	50.287	18.599	.00888	.21504
2	As1890	2.11567	4.16896	.99447	.35778	.00120	H.01553
3	B_2496	7.00715	13.9278	.99870	.36537	.00128	.02275
4	Ba4934	23.5602	47.2295	1.0023	.37216	.00020	.00212
5	Be3130	38.0097	74.8875	.99498	.37053	.00008	.00205
6	Ca3179		61.3394	50.331	18.686	.00382	.50474
7	Cd2265	54.5902	107.63	.99266	.36736	.00006	.00109
8	Co2286	3.11408	6.17469	.99638	.36509	.00054	.00432
9	Cr2677	9.24212	18.318	.99613	.37916	.00044	.00469
10	Cu3247	4.63087	9.24776	1.0017	.36202	.00072	.01053
11	Fe2714	9.09843	17.9957	49.844	18.359	.01469	.06350
12	K_7664		71.315	50.451	18.605	.01127	.46158
13	Mg2790		109.619	50.414	18.721	.00502	.20359
14	Mn2576	6.47225	12.824	.99837	.37310	.00015	.00309
15	Mo2020	4.3006	8.55247	1.0045	.37537	.00115	.00984
16	Na3302		3.08622	50.150	18.466	.13098	1.1494
17	Ni2316	24.1657	47.866	.99140	.37320	.00099	.01121
18	2203/1	6.06749	11.9065	1.0160	.37651	-.00082	.00106

#	Element	STD 2	STD 3	STD' VER	ICV	ICB	CRI
19	2203/2	6.70004	13.3339	.98999	.37229	-.00143	.00720
20	Sb2068	1.58731	3.17632	1.0122	.38302	.00429	.01994
21	1960/1	1.47191	2.88306	1.0136	.37421	-.00022	.01323
22	1960/2	2.65868	5.35012	.98821	.37542	.00577	.02118
23	Ti3372	26.9559	53.833	.99913	.38546	.00069	.00526
24	Tl1908	1.18372	2.42382	1.0098	.37807	.00448	.02744↑
25	V_2924	1.44348	2.8686	.99663	.36540	.00036	.00569
26	Zn2062	.9078	1.79018	.99270	.37367	.00050	.01204↑
27	Sn1899	5.93816	11.7094	.99199	.37970	-.00194	.01040
28	Ag3280	7.98903	15.9641	1.0056	.37252	.00035	.00291
29	*Y	3799.84	3768.04	3775.43	3794.29	3784.43	3804.86
30	PB2203			.99866	.37370	-.00123	.00516
31	SE1960			.99666	.37502	.00377	.01853↑

#	Element	ICSA	ICSAB	CCV	CCB	AD8'1/PB	AD8'0/FB
1	Al3082	517.65	525.64	24.595	L-.05204	.01890	10.176
2	As1890	.00113	.11203	.47601	-.00197	.00093	.20868
3	B_2496	.00288	.01228	.48202	L-.00733	.00374	.20420
4	Ba4934	.00092	.53036	.49278	.00064	.00009	.20676
5	Be3130	.00094	.50805	.49089	-.00008	-.00008	.20382
6	Ca3179	526.56	535.08	24.763	.00788	.05058	10.349
7	Cd2265	-.00160	.99127	.48593	-.00137	-.00004	.20460
8	Co2286	.00075	.49721	.48241	L-.00530	.00006	.20410
9	Cr2677	-.00228	.50959	.50287	L-.00567	.00014	.20449
10	Cu3247	.00139	.52922	.48205	L-.00843	.00015	.20110
11	Fe2714	196.41	99.056	24.346	L-.08892	-.00265	10.246
12	K_7664	.00098	.01821	24.796	.13051	-.01269	10.322
13	Mg2790	516.80	516.91	24.665	.03943	-.00109	10.294
14	Mn2576	.00158	.50124	.49520	-.00066	.00001	.20470
15	Mo2020	.00083	.00055	.49396	.00429	-.00007	.20397
16	Na3302	-.25368	-.00527	24.428	.62660	.02130	10.375
17	Ni2316	.00245	.98224	.49176	L-.00652	.00071	.20432
18	2203/1	-.00204	.05395	.49913	.06057	.00139	.20494
19	2203/2	.01047	.05935	.49155	-.03283	-.00193	.20531
20	Sb2068	.00205	.64606	.50325	-.00466	.00036	.20113
21	1960/1	-.00503	.05314	.50516	.04798	-.00128	.20190
22	1960/2	-.00206	.05044	.49199	-.02549	-.00083	.20315
23	Ti3372	.00115	.00282	.51208	.00181	.00049	.20362
24	Tl1908	-.03147	.08882	.50111	-.00300	.00535	.21623
25	V_2924	.00016	.51511	.48389	L-.00630	.00021	.20256
26	Zn2062	-.00478	.98413	.49291	-.00185	.00149	.20611
27	Sn1899	.00179	.00121	.49997	.00626	.00010	.20703
28	Ag3280	-.00015	.22049	.49622	H.00466	-.00017	.05089
29	*Y	3561.08	3569.25	3795.86	4124.4	3852.53	3858.79
30	PB2203	.00630	.05755	.49408	-.00173	-.00082	.20519
31	SE1960	-.00305	.05134	.49638	-.00100	-.00098	.20273

#	Element	AD8'9/PB	AD8'8/FB	AD856187	AD856188	AD856189	AD856190
1	Al3082	.02082	10.296	.05320	.02686	.02855	.04292
2	As1890	-.00097	.20946	.00292	.00471	.00047	.00227
3	B_2496	.00442	.20659	2.9114	.11673	.58094	1.1199
4	Ba4934	.00006	.20856	.06396	.03620	.07833	.05658
5	Be3130	-.00006	.20591	.00010	-.00003	.00001	.00001
6	Ca3179	.05122	10.446	112.45	52.559	149.09	131.08
7	Cd2265	-.00009	.20685	-.00021	.00002	.02075	-.00021
8	Co2286	.00031	.20675	.00168	.00225	.00473	.00177
9	Cr2677	-.00005	.20623	.00467	.00014	.00115	.00143
10	Cu3247	.00043	.20303	.00068	.00123	.00216	-.00019
11	Fe2714	.00558	10.341	14.659	.10006	1.1654	17.507
12	K_7664	.00045	10.457	.63918	2.4643	1.2299	.87010
13	Mg2790	-.00203	10.434	26.384	9.5030	30.754	33.053
14	Mn2576	.00006	.20669	.36184	.13341	.70740	.81595
15	Mo2020	-.00087	.20584	.00028	.00557	.00017	.00005
16	Na3302	-.05656	10.596	20.732	161.31	30.659	22.120
17	Ni2316	.00043	.20577	.00163	.00133	.00708	.00227
18	2203/1	-.00390	.21053	-.00352	-.00019	-.00385	-.00029
19	2203/2	.00015	.20581	.00011	-.00051	.00104	-.00269
20	Sb2068	-.00003	.20682	-.00181	-.00131	-.00036	.00054
21	1960/1	.00245	.20574	.00221	.00431	.00222	.00092
22	1960/2	.00181	.21142	.00309	.00207	.00290	.00341
23	Ti3372	.00009	.20550	.00803	.00023	.00050	.00221
24	Tl1908	.00546	.21107	.00131	.00294	.00014	-.00527
25	V_2924	.00013	.20524	.01309	.00009	.00066	.00314
26	Zn2062	.00165	.20728	.00381	.00363	.01153	.00490
27	Sn1899	-.00137	.21362	.00063	.00313	-.00196	.00333
28	Ag3280	-.00070	.05236	-.00042	.00020	-.00018	-.00025
29	*Y	3818.18	3842.29	3813.15	3795.15	3780.98	3812.44
30	PB2203	-.00119	.20738	-.00109	-.00041	-.00058	-.00189
31	SE1960	.00202	.20953	.00279	.00282	.00268	.00258

#	Element	AD856191	AD856192	CCV	CCB	AD8'1:5)	AD8'2/PS
1	Al3082	.09934	.19321	24.653	.01575	.06469	10.148
2	As1890	.00244	.00082	.47977	.00139	.00119	.20248
3	B_2496	.29632	.55158	.48141	.00129	.10969	.73651
4	Ba4934	.05341	.04719	.49441	.00003	.00944	.24856
5	Be3130	-.00005	-.00001	.49086	.00001	.00000	.20073
6	Ca3179	31.015	142.07	24.776	-.00033	28.319	149.41
7	Cd2265	-.00002	-.00010	.48535	-.00006	-.00004	.19707
8	Co2286	.00129	.00218	.48242	.00009	.00026	.19873
9	Cr2677	.00038	.00001	.50211	-.00019	.00045	.19863
10	Cu3247	.00060	.00396	.48307	.00035	.00070	.20212
11	Fe2714	.63262	.00630	24.241	-.00278	.00378	9.9419
12	K_7664	17.357	3.2225	24.844	-.00196	.57063	13.824
13	Mg2790	7.0136	36.398	24.790	.00007	7.2450	45.634
14	Mn2576	.12118	1.9387	.49302	.00001	.38717	2.0899
15	Mo2020	.00775	-.00026	.49395	.00054	-.00140	.20183
16	Na3302	8.9789	49.430	24.392	.05945	9.9830	58.610
17	Ni2316	.00374	.00778	.49226	.00052	.00238	.20372
18	2203/1	-.00603	-.00171	.49713	-.00195	-.00387	.19490

#	Element	AD856191	AD856192	CCV	CCB	AD8'1:5)	AD8'2/PS
19	2203/2	.00134	.00012	.49345	-.00142	.00131	.19611
20	Sb2068	-.00070	-.00065	.50686	.00041	-.00105	.20320
21	1960/1	-.00050	-.00133	.51199	.00096	-.00456	.20471
22	1960/2	.00706	.00087	.50402	.00325	.00056	.20320
23	Ti3372	.00032	.00025	.51567	.00045	.00004	.20221
24	Tl1908	.00236	-.00085	.50078	.00404	.00169	.19903
25	V_2924	.00039	.00004	.48564	-.00004	.00022	.20069
26	Zn2062	.00504	.00450	.49340	.00145	.00101	.20093
27	Sn1899	-.00042	-.00078	.49807	-.00075	-.00140	.16328
28	Ag3280	.00725	-.00055	.49548	-.00038	-.00079	.05042
29	*Y	3829.65	3799.88	3769.69	3784.46	3790.01	3774
30	PB2203	-.00110	-.00048	.49467	-.00160	-.00041	.19571
31	SE1960	.00454	.00013	.50668	.00249	-.00114	.20370

#	Element	AD8'3/MS	AD8'4/SD	AD856195	AD856196	AD856197	AD856198
1	Al3082	10.290	10.694	.02661	.03755	.11956	.03785
2	As1890	.20956	.21717	-.00012	.00418	.00411	.00478
3	B_2496	.71767	.77027	.26985	.44524	.41053	.29880
4	Ba4934	.25601	.26734	.07365	.02668	.08724	.02801
5	Be3130	.20588	.21278	.00003	.00001	.00000	-.00005
6	Ca3179	151.50	159.43	179.41	78.247	55.260	26.954
7	Cd2265	.20239	.21333	.00014	-.00012	-.00022	.00001
8	Co2286	.20513	.21593	.00114	.00340	.00500	.00138
9	Cr2677	.20493	.21632	.00046	.00259	.00097	.00031
10	Cu3247	.20836	.21678	.00027	-.00023	.00007	.00054
11	Fe2714	10.234	10.812	.00486	6.6475	8.0286	.14948
12	K_7664	14.164	14.990	3.5676	.54718	6.0944	8.6738
13	Mg2790	46.558	49.718	43.423	20.573	19.841	8.1480
14	Mn2576	2.1549	2.2970	.01013	.21161	.32286	.07473
15	Mo2020	.20621	.21732	.00144	.00070	.00045	.00524
16	Na3302	59.219	62.420	214.49	15.441	15.182	12.123
17	Ni2316	.20949	.21716	.00244	.00200	.00513	.00337
18	2203/1	.20277	.20718	-.00003	-.00112	-.00071	-.00265
19	2203/2	.20141	.21272	-.00245	.00068	-.00078	.00097
20	Sb2068	.21042	.22279	.00237	-.00010	-.00398	-.00003
21	1960/1	.20451	.21175	-.00197	.00456	.00357	-.00770
22	1960/2	.20865	.21589	-.00106	-.00062	-.00026	.00098
23	Ti3372	.20623	.21399	.00065	.00427	.00247	.00009
24	Tl1908	.20320	.21273	.00351	-.00108	.00064	.00060
25	V_2924	.20584	.21808	.00022	.00781	.00119	.00035
26	Zn2062	.20364	.21493	.00792	.00462	.00520	.00346
27	Sn1899	.20601	.21927	-.00099	-.00141	.00347	.00000
28	Ag3280	.05279	.05533	.00033	-.00036	-.00026	-.00078
29	*Y	3791.55	3604.43	3729.19	3808.73	3809.25	3822.08
30	PB2203	.20186	.21088	-.00164	.00007	-.00076	-.00023
31	SE1960	.20727	.21451	-.00136	.00110	.00101	-.00191

#	Element	AD856199	AD856200	CCV	CCB	AD856201	AD856202
1	Al3082	.03235	.03596	24.603	.01993	.04338	.03513
2	As1890	.00138	.00503	.47887	.00114	.00370	-.00032
3	B_2496	.93278	.73051	.48258	.00058	.13535	.13182
4	Ba4934	.05830	.04694	.49492	.00000	.02472	.04182
5	Be3130	.00000	.00000	.48921	.00008	.00001	.00000
6	Ca3179	128.14	105.37	24.744	.00154	96.439	94.367
7	Cd2265	.00817	.00005	.48689	-.00010	.00047	-.00007
8	Co2286	.00074	.00100	.48378	-.00009	.00229	.00408
9	Cr2677	.00041	.00030	.50315	-.00004	.00107	.00021
10	Cu3247	.00040	.00027	.48141	-.00030	.00081	.00047
11	Fe2714	-.00244	.00847	24.251	.00085	.00778	.00230
12	K_7664	1.2436	.52992	24.984	-.00821	1.2211	3.8194
13	Mg2790	42.268	38.925	24.888	.00028	31.158	29.848
14	Mn2576	.25317	.92181	.49412	-.00002	.00605	.02547
15	Mo2020	.00026	-.00083	.49568	.00039	-.00044	.00259
16	Na3302	18.746	6.6186	24.441	-.18755	109.78	81.503
17	Ni2316	.00209	.00171	.49048	.00065	.00177	.00192
18	2203/1	-.00142	-.00524	.49867	-.00378	-.00511	-.00165
19	2203/2	.00104	.00048	.49346	-.00127	.00269	.00023
20	Sb2068	-.00250	.00009	.51346	.00060	-.00194	.00067
21	1960/1	.00478	-.00126	.50432	-.00276	-.00011	.00609
22	1960/2	.00166	-.00099	.49932	.00211	.00428	.00890
23	Ti3372	.00036	.00016	.51680	.00007	.00026	.00017
24	Tl1908	.00041	.00238	.50237	.00188	.00312	.00315
25	V_2924	-.00005	.00013	.48806	.00013	.00050	.00036
26	Zn2062	.00658	.00587	.49494	.00174	.00778	.00547
27	Sn1899	.00106	-.00174	.50241	-.00009	.00236	.00133
28	Ag3280	-.00006	-.00048	.49636	-.00068	-.00059	-.00009
29	*Y	3773.85	3802.65	3784.73	3791.55	3758.51	3782.1
30	PB2203	.00022	-.00142	.49520	-.00210	.00009	-.00039
31	SE1960	.00270	-.00108	.50098	.00048	.00281	.00796

#	Element	AD856203	AD856225	AD856205	AD856206	AD856207	CRI
1	Al3082	.05356	.05114	.03357	.02712	.03316	.22300
2	As1890	.00011	.00321	.00520	.00125	.00358	.01322
3	B_2496	2.9150	.15139	.06793	.04186	.03886	.02314
4	Ba4934	.06440	.03430	.04115	.05670	.05344	.00211
5	Be3130	.00012	-.00008	-.00004	-.00001	.00000	.00228
6	Ca3179	113.00	76.706	51.335	63.756	57.637	.52706
7	Cd2265	-.00025	.00023	.00000	.00018	.00016	.00106
8	Co2286	.00071	.00026	.00000	.00002	.00019	.00421
9	Cr2677	.00486	.00266	-.00021	.00017	.00003	.00464
10	Cu3247	-.00030	.01733	.01213	.00804	.00335	.01023
11	Fe2714	14.679	.01272	.00591	.01032	-.00060	.05719
12	K_7664	.64444	7.4895	10.111	3.4597	3.1085	.48452
13	Mg2790	26.550	11.987	10.430	27.640	24.832	.22101
14	Mn2576	.36086	.00125	.00106	.86262	.00710	.00325
15	Mo2020	-.00096	.01384	.01191	.02360	.01847	.01026
16	Na3302	20.963	80.163	25.682	81.624	69.433	1.0111
17	Ni2316	.00111	.00397	.00257	.00151	.00340	.01080
18	2203/1	-.00305	-.00069	-.00492	-.00361	-.00369	.00342

#	Element	AD856203	AD856225	AD856205	AD856206	AD856207	CRI
19	2203/2	-.00068	.00096	.00147	.00095	.00096	.00460
20	Sb2068	-.00009	.00169	-.00149	-.00156	-.00144	.02274
21	1960/1	.00669	-.00030	-.00252	.00206	-.00347	.01603
22	1960/2	.00235	.00274	.00332	.00352	.00114	.01832
23	Ti3372	.00816	.00024	-.00004	-.00005	.00026	.00525
24	Tl1908	-.00323	.00116	-.00235	.00296	.00335	.02547↑
25	V_2924	.01298	.00529	.00236	-.00007	.00010	.00562
26	Zn2062	.00230	.01029	.00912	.00393	.00290	.01202↑
27	Sn1899	.00111	-.00069	-.00039	.00166	-.00154	.00699
28	Ag3280	.00008	-.00011	-.00141	-.00060	-.00060	.00276
29	*Y	3804.79	3833.21	3811.35	3779.03	3790.35	3617.21
30	PB2203	-.00147	.00041	-.00066	-.00056	-.00058	.00421
31	SE1960	.00379	.00172	.00137	.00303	-.00039	.01756

#	Element	ICSA	ICSAB	CCV	CCB
1	Al3082	516.62	523.10	24.552	.02111
2	As1890	.00243	.10873	.48004	.00047
3	B_2496	.00296	.01107	.48143	.00078
4	Ba4934	.00102	.53257	.49660	.00021
5	Be3130	.00095	.50591	.48985	.00012
6	Ca3179	527.33	536.17	24.787	.00675
7	Cd2265	-.00243	.99245	.48543	.00005
8	Co2286	.00061	.49872	.48383	-.00018
9	Cr2677	-.00231	.50927	.50212	.00024
10	Cu3247	.00080	.52758	.48114	-.00024
11	Fe2714	195.75	98.795	24.221	.00194
12	K_7664	-.00533	.00641	24.993	.00616
13	Mg2790	518.21	518.50	24.699	.00642
14	Mn2576	.00160	.50090	.49348	.00011
15	Mo2020	.00064	.00090	.49529	.00137
16	Na3302	-.06605	-.02874	24.386	.10848
17	Ni2316	.00125	.98013	.49107	.00061
18	2203/1	-.00152	.05658	.49835	.00037
19	2203/2	.01196	.05952	.49403	-.00200
20	Sb2068	-.00275	.65635	.51185	.00000
21	1960/1	-.01147	.05392	.49976	.00004
22	1960/2	-.00406	.05907	.49787	.00498
23	Ti3372	.00137	.00301	.51829	.00074
24	Tl1908	Q-.04065	.08592	.50252	.00514
25	V_2924	.00004	.51817	.48657	-.00004
26	Zn2062	-.00488	.98935	.49424	.00167
27	Sn1899	-.00077	.00062	.50166	-.00014
28	Ag3280	-.00019	.22055	.49513	.00041
29	*Y	3540.98	3545.96	3759.34	3777.38
30	PB2203	.00747	.05854	.49547	-.00121
31	SE1960	-.00653	.05735	.49850	.00333

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 10/01/08 09:52:47 AM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 10/01/08 09:47:26

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05405	.03747	.07035	.01011	.21399	.02591	-.01986
SDev	.00364	.00408	.00515	.00345	.00094	.00025	.00254
%RSD	6.7299	10.878	7.3204	34.141	.44123	.97254	12.805
#1	.05147	.04035	.07399	.00767	.21332	.02574	-.01807
#2	.05662	.03459	.06671	.01255	.21465	.02609	-.02166

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00481	.00013	.02554	-.00074	-.05184	.03949	.00173
SDev	.00260	.00402	.00357	.00209	.05862	.00224	.00034
%RSD	54.074	3066.4	13.976	283.97	113.07	5.6771	19.836
#1	-.00297	.00297	.02301	.00074	-.01039	.04108	.00148
#2	-.00665	-.00271	.02806	-.00222	-.09330	.03791	.00197

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.01087	.00851	-.07899	.03714	-.01928	.00062	-.02453
SDev	.00632	.00363	.00728	.00422	.01334	.00227	.01404
%RSD	58.166	42.701	9.2117	11.374	69.183	365.55	57.251
#1	.01534	.00594	-.08414	.03415	-.02871	.00223	-.01460
#2	.00640	.01108	-.07385	.04012	-.00985	-.00098	-.03446

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	-.00050	.08240	-.00952	.00012	.00012	.01408	.00557
SDev	.00314	.02029	.00106	.00017	.00017	.00599	.00962
%RSD	629.27	24.619	11.145	141.42	141.42	42.519	172.66
#1	-.00272	.06805	-.01027	.00000	.00000	.01831	.01237
#2	.00172	.09674	-.00877	.00025	.00025	.00985	-.00123

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4052	--	--	--	--	--	--
SDev	15.16758	--	--	--	--	--	--
%RSD	.3743556	--	--	--	--	--	--
#1	4041	--	--	--	--	--	--
#2	4062	--	--	--	--	--	--

Standardization Rpt. 10/01/08 09:57:43 AM page 1

Method: TRACE2 Standard: STD 1
Run Time: 10/01/08 09:52:50

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.1031	.42977	1.4089	4.5423	7.6114	10.684	.60159
SDev	.0000	.00476	.0084	.0037	.0091	.024	.00192
%RSD	.00061	1.1080	.59545	.08133	.11977	.21996	.31971
#1	8.1031	.43313	1.4029	4.5449	7.6050	10.667	.60023
#2	8.1031	.42640	1.4148	4.5397	7.6179	10.701	.60295

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.7976	.92410	1.7741	1.2661	.84243	4.7333	1.1865
SDev	.0075	.00674	.0010	.0008	.00248	.0028	.0417
%RSD	.41769	.72964	.05817	.06011	.29479	.05818	3.5152
#1	1.7923	.91934	1.7733	1.2656	.84067	4.7313	1.2160
#2	1.8029	.92887	1.7748	1.2666	.84418	4.7352	1.1570

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.3009	.30092	.25625	.53767	5.2116	.23442	.27735
SDev	.0291	.00026	.00972	.03024	.0228	.00538	.00164
%RSD	2.2337	.08628	3.7935	5.6238	.43796	2.2942	.59095
#1	1.2804	.30110	.26313	.55905	5.2277	.23822	.27620
#2	1.3215	.30074	.24938	.51629	5.1955	.23061	.27851

Elem	Zn2062	Sn1899	Ag3280
Avge	.17705	1.1349	1.5578
SDev	.00033	.0121	.0003
%RSD	.18623	1.0653	.02047
#1	.17681	1.1435	1.5575
#2	.17728	1.1264	1.5580

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4053	--	--	--	--	--	--
SDev	3.553142	--	--	--	--	--	--
%RSD	.0876759	--	--	--	--	--	--
#1	4055	--	--	--	--	--	--
#2	4050	--	--	--	--	--	--

Standardization Rpt. 10/01/08 10:02:41 AM page 1

Method: TRACE2 Standard: STD 2
Run Time: 10/01/08 09:57:47

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	40.059	2.0154	6.8328	22.549	37.014	52.859	3.0104
SDev	.080	.0080	.0032	.063	.068	.004	.0016
%RSD	.19925	.39846	.04719	.27731	.18367	.00791	.05300
#1	40.116	2.0097	6.8351	22.593	37.062	52.856	3.0093
#2	40.003	2.0211	6.8305	22.504	36.966	52.862	3.0116

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	8.9498	4.5134	8.8313	6.3066	4.1721	23.464	5.8719
SDev	.0044	.0128	.0035	.0021	.0123	.004	.0580
%RSD	.04886	.28422	.03944	.03310	.29459	.01616	.98819
#1	8.9467	4.5224	8.8288	6.3051	4.1634	23.467	5.9130
#2	8.9529	4.5043	8.8338	6.3081	4.1808	23.462	5.8309

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.4309	1.5142	1.4219	2.5888	25.599	1.1684	1.3793
SDev	.0123	.0040	.0039	.0170	.069	.0090	.0007
%RSD	.19123	.26689	.27609	.65553	.26919	.76862	.05147
#1	6.4222	1.5114	1.4247	2.5768	25.647	1.1620	1.3788
#2	6.4396	1.5171	1.4191	2.6008	25.550	1.1747	1.3798

Elem	Zn2062	Sn1899	Ag3280
Avge	.87753	5.7535	7.8105
SDev	.00000	.0398	.0247
%RSD	.00047	.69215	.31570
#1	.87753	5.7254	7.8280
#2	.87753	5.7817	7.7931

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4018	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.1399279	--	--	--	--	--	--
#1	4014	--	--	--	--	--	--
#2	4022	--	--	--	--	--	--

Standardization Rpt. 10/01/08 10:08:05 AM page 1

Method: TRACE2 Standard: STD 3
Run Time: 10/01/08 10:02:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	80.964	4.0279	13.639	45.578	73.377	59.328	105.01
SDev	.093	.0019	.020	.068	.076	.071	.13
%RSD	.11485	.04712	.14479	.14859	.10314	.12039	.12849
#1	80.899	4.0293	13.625	45.530	73.323	59.278	105.10
#2	81.030	4.0266	13.653	45.626	73.430	59.379	104.91

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.0088	17.882	9.0665	17.591	69.085	105.99	12.567
SDev	.0014	.000	.0150	.004	.008	.06	.003
%RSD	.02403	.00203	.16496	.02236	.01206	.05836	.02660
#1	6.0099	17.881	9.0559	17.594	69.091	106.03	12.569
#2	6.0078	17.882	9.0771	17.589	69.079	105.95	12.565

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	8.3706	2.9641	46.749	11.677	12.792	3.0779	2.8377
SDev	.0089	.0037	.002	.118	.014	.0204	.0300
%RSD	.10645	.12322	.00448	1.0140	.11177	.66240	1.0589
#1	8.3643	2.9616	46.748	11.760	12.802	3.0635	2.8590
#2	8.3769	2.9667	46.751	11.593	12.782	3.0923	2.8165

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.1503	51.503	2.3596	2.7597	1.7411	11.446	15.695
SDev	.0001	.096	.0246	.0014	.0016	.013	.020
%RSD	.00111	.18571	1.0423	.05238	.09147	.11238	.12990
#1	5.1503	51.435	2.3423	2.7587	1.7422	11.437	15.710
#2	5.1504	51.570	2.3770	2.7607	1.7400	11.455	15.681

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3979	--	--	--	--	--	--
SDev	2.015151	--	--	--	--	--	--
%RSD	.0506440	--	--	--	--	--	--
#1	3978	--	--	--	--	--	--
#2	3980	--	--	--	--	--	--

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Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.621585	-.033576	10/01/08 10:02:45
As1890	189.042	Multiple	Standards	.251717	-.009424	10/01/08 10:02:45
B_2496	249.678	Multiple	Standards	.074168	-.005211	10/01/08 10:02:45
Ba4934	493.409	Multiple	Standards	.022064	-.000223	10/01/08 10:02:45
Be3130	313.042	Multiple	Standards	.013594	-.002914	10/01/08 10:02:45
Ca3179	317.933	STD 3	STD BLK	1.03587	-.016319	10/01/08 10:02:45
Cd2265	226.502	Multiple	Standards	.009448	.000179	10/01/08 10:02:45
Co2286	228.616	Multiple	Standards	.165845	.000793	10/01/08 10:02:45
Cr2677	267.716	Multiple	Standards	.055849	-.000010	10/01/08 10:02:45
Cu3247	324.753	Multiple	Standards	.111162	-.002837	10/01/08 10:02:45
Fe2714	271.441	Multiple	Standards	2.83057	.001883	10/01/08 10:02:45
K_7664	766.491	STD 3	STD BLK	1.05355	-.001465	10/01/08 10:02:45
Mg2790	279.078	STD 3	STD BLK	1.02882	-.038312	10/01/08 10:02:45
Mn2576	257.610	Multiple	Standards	.079338	-.000140	10/01/08 10:02:45
Mo2020	202.030	Multiple	Standards	.119977	-.001302	10/01/08 10:02:45
Na3302	330.232	STD 3	STD BLK	1.04671	-.009956	10/01/08 10:02:45
Ni2316	231.604	Multiple	Standards	.021106	.001653	10/01/08 10:02:45
2203/1	220.351	Multiple	Standards	.088595	-.003282	10/01/08 10:02:45
2203/2	220.352	Multiple	Standards	.075980	.001449	10/01/08 10:02:45
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.329476	-.000195	10/01/08 10:02:45
1960/1	196.021	Multiple	Standards	.350329	.008607	10/01/08 10:02:45
1960/2	196.022	Multiple	Standards	.188029	.000071	10/01/08 10:02:45
Ti3372	337.280	Multiple	Standards	.019512	-.001608	10/01/08 10:02:45
Tl1908	190.864	Multiple	Standards	.410185	.003887	10/01/08 10:02:45
V_2924	292.402	Multiple	Standards	.361967	-.000047	10/01/08 10:02:45
Zn2062	206.200	Multiple	Standards	.570167	-.000077	10/01/08 10:02:45
Sn1899	189.989	Multiple	Standards	.087942	-.001226	10/01/08 10:02:45
Ag3280	328.068	Multiple	Standards	.064078	-.000352	10/01/08 10:02:45

Standardization Readback Report 10/01/08 10:08:06 AM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000017	-.000017
		STD 1	5.00000	5.00319	-.003186
		STD 2	25.0000	24.8666	.133394
		STD 3	50.0000	50.2926	-.292610

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.098756	.001244
		STD 2	.500000	.497890	.002110
		STD 3	1.00000	1.00448	-.004481

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099281	.000719
		STD 2	.500000	.501566	-.001566
		STD 3	1.00000	1.00638	-.006382

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099999	.000001
		STD 2	.500000	.497293	.002707
		STD 3	1.00000	1.00542	-.005418

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100553	-.000553
		STD 2	.500000	.500239	-.000239
		STD 3	1.00000	.994545	.005455

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.025915	-.015390
		STD 3	61.4397	59.3281	2.11161

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101118	-.001118
		STD 2	.500000	.499577	.000423
		STD 3	1.00000	.992247	.007753

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100564	-.000564
		STD 2	.500000	.500058	-.000058
		STD 3	1.00000	.997329	.002671

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100385	-.000385
		STD 2	.500000	.499827	.000173
		STD 3	1.00000	.998657	.001343
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099888	.000112
		STD 2	.500000	.498877	.001123
		STD 3	1.00000	1.00501	-.005011
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000201	.000201
		STD 1	5.00000	5.02347	-.023466
		STD 2	25.0000	24.9995	.000471
		STD 3	50.0000	49.7956	.204433
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.051844	-.004242
		STD 3	72.7834	69.0851	3.69833

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.039494	-.037174
		STD 3	109.006	105.990	3.01585

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100311	-.000311
		STD 2	.500000	.500218	-.000218
		STD 3	1.00000	.996903	.003097
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099769	.000231
		STD 2	.500000	.499253	.000747
		STD 3	1.00000	1.00298	-.002977
CorCoef:	1.00000				

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	.008508	-.009558
		STD 3	3.09264	2.96415	.128496

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101553	-.001553
		STD 2	.500000	.496887	.003113
		STD 3	1.00000	.988340	.011660
CorCoef:	0.99999				

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.101836	-.001836
		STD 2	.500000	.516942	-.016942
		STD 3	1.00000	1.03120	-.031202

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.100293	-.000293
		STD 2	.500000	.490074	.009926
		STD 3	1.00000	.973388	.026612

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.098951	.001049
		STD 2	.500000	.498711	.001289
		STD 3	1.00000	1.01391	-.013910

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.098380	.001620
		STD 2	.500000	.506740	-.006740
		STD 3	1.00000	1.00275	-.002752

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000023	.000023
		STD 1	.100000	.101168	-.001168
		STD 2	.500000	.486834	.013166
		STD 3	1.00000	.968485	.031515

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100080	-.000080
		STD 2	.500000	.497867	.002133
		STD 3	1.00000	1.00330	-.003305

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000018	.000018
		STD 1	.100000	.100041	-.000041
		STD 2	.500000	.483140	.016860
		STD 3	1.00000	.971779	.028221

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100346	-.000346
		STD 2	.500000	.499225	.000775
		STD 3	1.00000	.998873	.001127

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100869	-.000869
		STD 2	.500000	.500261	-.000261
		STD 3	1.00000	.992651	.007349

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000012	-.000012
		STD 1	.100000	.098584	.001416
		STD 2	.500000	.504751	-.004751
		STD 3	1.00000	1.00537	-.005367

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099466	.000534
		STD 2	.500000	.500130	-.000130
		STD 3	1.00000	1.00536	-.005362

CorCoef: 1.00000

Analysis Report Blank Sample 10/01/08 10:13:30 AM page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 10/01/08 10:08:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.451	1.0097	1.0040	1.0107	.99703	50.372	.99245
SDev	.263	.0053	.0004	.0070	.00442	.187	.00003
%RSD	.52042	.52667	.03754	.68996	.44343	.37133	.00335
#1	50.636	1.0135	1.0043	1.0156	1.0002	50.504	.99248
#2	50.265	1.0060	1.0037	1.0058	.99391	50.240	.99243
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99807	.99759	1.0071	49.800	50.233	50.314	.99789
SDev	.00093	.00058	.0056	.015	.024	.004	.00020
%RSD	.09341	.05836	.55490	.02969	.04740	.00754	.01986
#1	.99741	.99800	1.0110	49.811	50.216	50.311	.99803
#2	.99873	.99718	1.0031	49.790	50.250	50.317	.99775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0082	49.849	.99261	1.0047	.99208	.99629	.99849
SDev	.0038	.102	.00462	.0005	.00122	.00098	.00728
%RSD	.37416	.20494	.46540	.04744	.12347	.09793	.72855
#1	1.0055	49.921	.99588	1.0051	.99294	.99698	1.0036
#2	1.0109	49.777	.98935	1.0044	.99121	.99560	.99335
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0151	1.0182	.98866	1.0068	.99576	1.0008	.99406
SDev	.0009	.0092	.00633	.0045	.00022	.0004	.00019
%RSD	.08743	.89972	.64041	.45083	.02238	.04152	.01872
#1	1.0158	1.0247	.99314	1.0100	.99591	1.0011	.99393
#2	1.0145	1.0117	.98418	1.0036	.99560	1.0005	.99419
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0084	1.0060
SDev	.0022	.0009
%RSD	.21364	.09122
#1	1.0068	1.0053
#2	1.0099	1.0066
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3977	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0933457	--	--	--	--	--	--
#1	3974	--	--	--	--	--	--
#2	3980	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 10:18:54 AM page 1

Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 10/01/08 10:13:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.685	.36466	.36890	.37506	.37186	18.722	.36913
SDev	.058	.00010	.00038	.00110	.00114	.056	.00096
%RSD	.31080	.02743	.10437	.29203	.30545	.29912	.26026
#1	18.726	.36459	.36918	.37583	.37266	18.762	.36981
#2	18.643	.36473	.36863	.37428	.37106	18.683	.36845
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36676	.38177	.36393	18.427	18.714	18.768	.37457
SDev	.00061	.00087	.00109	.006	.018	.014	.00012
%RSD	.16654	.22868	.30052	.03141	.09569	.07301	.03184
#1	.36719	.38239	.36470	18.431	18.727	18.778	.37465
#2	.36632	.38116	.36315	18.423	18.702	18.758	.37448
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37841	18.478	.37352	.37623	.37274	.37390	.37946
SDev	.00090	.064	.00169	.00232	.00197	.00054	.00523
%RSD	.23785	.34780	.45193	.61705	.52796	.14430	1.3785
#1	.37905	18.523	.37472	.37459	.37413	.37428	.38316
#2	.37778	18.433	.37233	.37787	.37135	.37352	.37576
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38929	.38962	.37438	.38856	.36819	.36800	.37579
SDev	.00271	.00834	.00368	.00078	.00891	.00084	.00100
%RSD	.69727	2.1403	.98212	.20040	2.4189	.22861	.26613
#1	.39121	.39552	.37698	.38911	.36189	.36859	.37650
#2	.38737	.38373	.37178	.38801	.37449	.36740	.37508
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.38324	.37499
SDev	.00003	.00016
%RSD	.00663	.04311
#1	.38322	.37488
#2	.38326	.37511
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4004	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1589510	--	--	--	--	--	--
#1	3999	--	--	--	--	--	--
#2	4008	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 10:24:17 AM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 10/01/08 10:18:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00832	-.00079	.00067	.00020	.00014	.00513	.00010
SDev	.00503	.00029	.00082	.00014	.00015	.00780	.00019
%RSD	60.459	37.116	122.96	71.413	101.46	152.22	196.25
#1	.00476	-.00100	.00009	.00010	.00004	-.00039	-.00004
#2	.01187	-.00058	.00125	.00030	.00025	.01064	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00044	.00010	.00682	-.01074	.00181	.00002
SDev	.00009	.00047	.00019	.00499	.00603	.00558	.00011
%RSD	19.956	108.51	185.81	73.148	56.147	308.80	598.25
#1	.00038	.00010	-.00003	.00329	-.01500	-.00214	-.00006
#2	.00050	.00077	.00024	.01035	-.00648	.00575	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	-.10666	.00041	-.00237	.00111	-.00005	.00239
SDev	.00157	.22103	.00084	.00187	.00113	.00013	.00499
%RSD	243.09	207.23	206.18	78.798	101.38	272.51	208.51
#1	.00175	.04963	-.00019	-.00105	.00031	-.00014	.00592
#2	-.00046	-.26294	.00101	-.00369	.00191	.00004	-.00114
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	.00262	.00228	.00029	.00531	.00050	.00028
SDev	.00421	.00859	.00319	.00003	.00351	.00038	.00050
%RSD	223.91	328.37	139.73	10.204	66.043	77.124	180.99
#1	-.00110	.00869	.00453	.00027	.00779	.00023	-.00008
#2	.00486	-.00346	.00003	.00032	.00283	.00077	.00063
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00009	.00004
SDev	.00019	.00044
%RSD	205.00	1110.6
#1	.00022	-.00027
#2	-.00004	.00035
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4005	--	--	--	--	--	--
SDev	2.068149	--	--	--	--	--	--
%RSD	.0516397	--	--	--	--	--	--
#1	4004	--	--	--	--	--	--
#2	4006	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 10:29:40 AM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 10/01/08 10:24:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20840	.01027	.02219	.00215	.00207	.50062	.00113
SDev	.00069	.00095	.00000	.00011	.00004	.00240	.00012
%RSD	.33156	9.2484	.01614	5.1188	1.8240	.47921	10.324
#1	.20889	.00960	.02219	.00207	.00204	.49893	.00121
#2	.20791	.01094	.02219	.00223	.00210	.50232	.00105
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00425	.00466	.01018	.05672	.45995	.20662	.00310
SDev	.00009	.00011	.00043	.00553	.00711	.00296	.00006
%RSD	2.0958	2.3645	4.2076	9.7427	1.5451	1.4332	1.8491
#1	.00419	.00459	.01048	.05282	.46497	.20453	.00306
#2	.00432	.00474	.00988	.06063	.45492	.20872	.00314
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01011	1.0471	.01047	.00164	.00760	.00561	.02248
SDev	.00039	.0240	.00061	.00336	.00160	.00005	.00043
%RSD	3.8201	2.2891	5.7821	204.53	21.029	.93361	1.9183
#1	.00983	1.0301	.01090	-.00073	.00873	.00558	.02218
#2	.01038	1.0640	.01004	.00402	.00647	.00565	H.02279
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02288	.02337	.02204	.00520	.02220	.00553	.01212
SDev	.00189	.00627	.00249	.00009	.00088	.00019	.00010
%RSD	8.2455	26.809	11.281	1.7049	3.9453	3.5134	.79880
#1	.02421	.01894	.02380	.00514	.02282	.00539	.01219
#2	.02155	.02780	.02028	.00526	.02158	.00567	.01205
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00847	.00265
SDev	.00076	.00115
%RSD	8.9670	43.187
#1	.00900	.00184
#2	.00793	.00346
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3996	--	--	--	--	--	--
SDev	1.378996	--	--	--	--	--	--
%RSD	.0345081	--	--	--	--	--	--
#1	3997	--	--	--	--	--	--
#2	3995	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 10:35:03 AM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 10/01/08 10:29:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	516.94	.00203	.00179	.00097	.00095	521.58	-.00100
SDev	.30	.00152	.00035	.00006	.00000	.27	.00001
%RSD	.05715	74.963	19.777	6.2714	.19496	.05217	.69588
#1	517.15	.00095	.00154	.00093	.00095	521.38	-.00100
#2	516.73	.00311	.00204	.00101	.00095	521.77	-.00101
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	-.00215	.00073	196.07	.00089	516.70	.00150
SDev	.00034	.00023	.00005	.13	.00042	.45	.00006
%RSD	39.817	10.685	6.1978	.06637	47.061	.08694	4.0682
#1	.00062	-.00199	.00076	196.16	.00119	517.01	.00154
#2	.00110	-.00231	.00070	195.98	.00059	516.38	.00145
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	-.12171	.00095	-.00606	.01209	.00605	.00411
SDev	.00114	.09641	.00030	.00302	.00289	.00294	.00011
%RSD	242.78	79.208	31.586	49.908	23.929	48.561	2.6883
#1	-.00128	-.05354	.00116	-.00392	.01414	.00812	.00403
#2	.00034	-.18988	.00074	-.00820	.01005	.00397	.00419
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00472	.00596	.00318	.00136	-.01278	.00036	-.00532
SDev	.00209	.00995	.00514	.00012	.00086	.00041	.00032
%RSD	44.310	167.00	161.53	8.5304	6.7541	112.63	6.0890
#1	.00324	.01300	-.00045	.00144	-.01339	.00065	-.00555
#2	.00620	-.00108	.00682	.00127	-.01217	.00007	-.00509
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00299	.00004
SDev	.00165	.00026
%RSD	54.965	702.03
#1	-.00416	.00022
#2	-.00183	-.00015
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3783	--	--	--	--	--	--
SDev	3.234979	--	--	--	--	--	--
%RSD	.0855246	--	--	--	--	--	--
#1	3780	--	--	--	--	--	--
#2	3785	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 10:40:26 AM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 10/01/08 10:35:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	519.62	.11053	.01174	.52527	.50020	524.72	.98378
SDev	2.74	.00451	.00021	.00360	.00249	2.10	.00199
%RSD	.52821	4.0808	1.8067	.68544	.49723	.39985	.20276
#1	521.56	.11372	.01189	.52782	.50195	526.20	.98519
#2	517.68	.10734	.01159	.52272	.49844	523.23	.98237
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49351	.50491	.52328	98.091	-.00107	512.55	.49619
SDev	.00042	.00015	.00358	.050	.00475	.32	.00024
%RSD	.08432	.03079	.68360	.05136	444.16	.06256	.04777
#1	.49381	.50481	.52581	98.126	.00229	512.78	.49636
#2	.49322	.50502	.52075	98.055	-.00443	512.33	.49602
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.02144	.97006	.04767	.05992	.05584	.05611
SDev	.00024	.45142	.00412	.00055	.00087	.00040	.00056
%RSD	47.422	2106.0	.42486	1.1502	1.4449	.70713	.98830
#1	.00034	-.29777	.97298	.04729	.06053	.05612	.05651
#2	.00069	.34064	.96715	.04806	.05931	.05556	.05572
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65308	.05394	.05720	.00318	.08980	.51301	.97508
SDev	.00295	.00710	.00438	.00048	.00402	.00028	.00010
%RSD	.45144	13.156	7.6573	15.001	4.4715	.05362	.01026
#1	.65100	.04892	.06030	.00284	.08696	.51320	.97515
#2	.65517	.05896	.05410	.00352	.09264	.51282	.97500
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00190	.21789
SDev	.00155	.00032
%RSD	81.248	.14464
#1	-.00081	.21767
#2	-.00300	.21812
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3778	--	--	--	--	--	--
SDev	7.000461	--	--	--	--	--	--
%RSD	.1853077	--	--	--	--	--	--
#1	3773	--	--	--	--	--	--
#2	3783	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 10:47:18 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 10:41:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.909	.49243	.49141	.49975	.49736	25.085	.49433
SDev	.028	.00640	.00012	.00052	.00006	.008	.00035
%RSD	.11113	1.2994	.02495	.10424	.01311	.03237	.07139
#1	24.929	.49696	.49150	.50012	.49740	25.079	.49409
#2	24.890	.48791	.49132	.49938	.49731	25.091	.49458
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49139	.51138	.48766	24.722	25.174	25.084	.50216
SDev	.00078	.00090	.00012	.041	.017	.046	.00005
%RSD	.15971	.17623	.02500	.16466	.06736	.18391	.00953
#1	.49084	.51074	.48758	24.693	25.162	25.051	.50212
#2	.49195	.51202	.48775	24.750	25.186	25.117	.50219
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50187	24.568	.49882	.50415	.50000	.50138	.50928
SDev	.00114	.053	.00033	.00095	.00170	.00145	.00515
%RSD	.22816	.21432	.06647	.18843	.33976	.28909	1.0122
#1	.50106	24.530	.49858	.50482	.50121	.50241	.51292
#2	.50268	24.605	.49905	.50348	.49880	.50036	.50563
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51396	.51798	.50493	.52191	.50211	.49494	.50284
SDev	.00334	.01108	.00219	.00011	.00386	.00046	.00128
%RSD	.65083	2.1401	.43367	.02176	.76839	.09278	.25413
#1	.51159	.52582	.50648	.52183	.49939	.49462	.50194
#2	.51632	.51014	.50338	.52199	.50484	.49527	.50375
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51594	.50284
SDev	.00148	.00026
%RSD	.28605	.05095
#1	.51489	.50302
#2	.51698	.50266
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3988	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1276741	--	--	--	--	--	--
#1	3984	--	--	--	--	--	--
#2	3991	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 10:55:51 AM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 10:50:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02366	-.00134	.00058	.00010	.00012	.01892	.00010
SDev	.00604	.00291	.00043	.00007	.00002	.00798	.00014
%RSD	25.525	216.83	74.672	73.609	13.903	42.180	133.90
#1	.02792	.00072	.00088	.00015	.00013	.02457	.00020
#2	.01939	-.00340	.00027	.00005	.00010	.01328	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00012	.00003	.01146	-.00839	.01845	.00006
SDev	.00035	.00053	.00047	.00952	.01760	.00831	.00006
%RSD	207.62	462.34	1507.0	83.141	209.80	45.059	95.134
#1	.00042	.00049	.00036	.01819	.00406	.02433	.00010
#2	-.00008	-.00026	-.00030	.00472	-.02084	.01257	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	.06089	.00058	-.00368	.00149	-.00023	.00451
SDev	.00064	.03019	.00038	.00055	.00046	.00049	.00182
%RSD	87.176	49.571	65.559	14.995	30.493	211.07	40.384
#1	-.00028	.08224	.00084	-.00407	.00117	-.00058	.00580
#2	-.00118	.03955	.00031	-.00329	.00181	.00011	.00322
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.00834	.00259	.00014	.00022	.00009	-.00001
SDev	.00371	.00087	.00317	.00021	.00088	.00006	.00030
%RSD	283.00	10.410	122.07	145.80	397.65	73.113	5075.5
#1	.00393	.00773	.00483	.00029	-.00040	.00013	.00021
#2	-.00131	.00896	.00036	-.00000	.00084	.00004	-.00022
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00322	-.00014
SDev	.00179	.00026
%RSD	55.649	192.72
#1	-.00195	.00005
#2	-.00449	-.00032
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3991	--	--	--	--	--	--
SDev	1.007489	--	--	--	--	--	--
%RSD	.0252411	--	--	--	--	--	--
#1	3992	--	--	--	--	--	--
#2	3991	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855555/(1:50) Operator: AH
Run Time: 10/01/08 10:55:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01056	.00103	.00403	.00042	.00008	1.1332	.00002
SDev	.00316	.00261	.00105	.00002	.00001	.0042	.00007
%RSD	29.943	253.70	25.969	4.8726	7.1074	.37308	278.87
#1	.00832	-.00082	.00329	.00043	.00008	1.1302	.00007
#2	.01279	.00288	.00477	.00041	.00009	1.1362	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	-.00005	.00042	.00938	.12823	.40183	.00080
SDev	.00018	.00040	.00031	.00150	.01863	.00830	.00003
%RSD	105.55	759.80	75.444	16.022	14.528	2.0663	3.3874
#1	-.00030	-.00033	.00019	.00832	.14140	.40770	.00078
#2	-.00004	.00023	.00064	.01044	.11506	.39596	.00082
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	161.61	.00053	-.00054	.00087	.00040	.00115
SDev	.00131	.17	.00036	.00295	.00248	.00067	.00183
%RSD	1724.2	.10631	67.047	547.52	286.35	168.95	159.42
#1	.00085	161.73	.00028	.00154	-.00089	-.00008	-.00015
#2	-.00100	161.49	.00078	-.00262	.00262	.00087	.00245
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.00454	-.00055	.00032	.00052	-.00000	.00035
SDev	.00041	.00175	.00362	.00007	.00334	.00032	.00000
%RSD	424.89	38.407	663.83	23.668	644.17	15554.	.12622
#1	-.00019	.00578	-.00311	.00037	-.00184	-.00023	.00035
#2	.00038	.00331	.00202	.00027	.00288	.00023	.00035
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00065	-.00017
SDev	.00055	.00050
%RSD	85.020	289.13
#1	.00104	.00018
#2	.00026	-.00053
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3964	--	--	--	--	--	--
SDev	4.932139	--	--	--	--	--	--
%RSD	.1244111	--	--	--	--	--	--
#1	3961	--	--	--	--	--	--
#2	3968	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855556/(1:50) Operator: AH
Run Time: 10/01/08 11:01:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03671	-.00127	.00674	.00093	.00010	1.6741	.00008
SDev	.00257	.00077	.00005	.00008	.00001	.0064	.00009
%RSD	7.0065	60.125	.70205	8.8035	12.283	.38142	115.70
#1	.03853	-.00073	.00677	.00098	.00009	1.6696	.00001
#2	.03489	-.00181	.00670	.00087	.00011	1.6786	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00028	-.00003	.02099	.26481	.62825	.00586
SDev	.00048	.00005	.00064	.00048	.00396	.00119	.00001
%RSD	405.23	17.929	1818.8	2.2758	1.4939	.18896	.16736
#1	-.00022	.00025	.00041	.02132	.26761	.62909	.00585
#2	.00046	.00032	-.00048	.02065	.26201	.62741	.00587
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	356.53	.00146	-.00374	-.00005	-.00128	-.00013
SDev	.00050	.95	.00057	.00030	.00129	.00096	.00304
%RSD	179.54	.26752	39.050	8.0755	2445.4	74.922	2346.9
#1	-.00063	355.85	.00106	-.00353	.00086	-.00060	-.00228
#2	.00007	357.20	.00186	-.00396	-.00096	-.00196	.00202
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	.00013	-.00026	.00000	.00435	.00014	.00072
SDev	.00172	.00087	.00413	.00034	.00026	.00013	.00031
%RSD	350.30	682.96	1599.9	7971.3	5.9681	94.957	42.865
#1	.00073	-.00049	-.00318	.00024	.00416	.00023	.00050
#2	-.00171	.00074	.00266	-.00023	.00453	.00004	.00094
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00193	-.00059
SDev	.00103	.00008
%RSD	53.322	13.783
#1	-.00120	-.00053
#2	-.00266	-.00065
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3926	--	--	--	--	--	--
SDev	6.416959	--	--	--	--	--	--
%RSD	.1634327	--	--	--	--	--	--
#1	3931	--	--	--	--	--	--
#2	3922	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855557/(1:50) Operator: AH
Run Time: 10/01/08 11:06:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01664	-.00045	.00627	.00076	.00008	1.6304	.00002
SDev	.00179	.00183	.00071	.00005	.00001	.0097	.00012
%RSD	10.761	406.95	11.291	6.8080	11.624	.59646	764.44
#1	.01791	.00084	.00577	.00080	.00009	1.6373	.00010
#2	.01537	-.00174	.00677	.00072	.00008	1.6236	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00017	-.00023	.03543	.26755	.62823	.00239
SDev	.00009	.00000	.00012	.00357	.01010	.00671	.00009
%RSD	826.29	.04361	52.013	10.082	3.7739	1.0683	3.5890
#1	-.00005	-.00017	-.00015	.03290	.27469	.63297	.00245
#2	.00007	-.00017	-.00032	.03796	.26041	.62348	.00233
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	359.19	.00073	-.00038	-.00042	-.00041	.00769
SDev	.00009	1.94	.00010	.00173	.00090	.00003	.00146
%RSD	9.9629	.54050	13.017	454.90	213.10	6.9854	19.065
#1	.00081	360.56	.00066	-.00160	.00022	-.00039	.00665
#2	.00093	357.82	.00080	.00084	-.00106	-.00043	.00872
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00059	.01044	.00631	.00029	.00358	-.00005	.00029
SDev	.00407	.00537	.00488	.00004	.00040	.00000	.00010
%RSD	686.18	51.418	77.356	13.178	11.145	.00068	35.964
#1	-.00347	.01423	.00286	.00027	.00330	-.00005	.00036
#2	.00228	.00664	.00976	.00032	.00386	-.00005	.00021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00295	-.00057
SDev	.00231	.00015
%RSD	78.380	26.217
#1	-.00459	-.00068
#2	-.00132	-.00047
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3924	--	--	--	--	--	--
SDev	.1591681	--	--	--	--	--	--
%RSD	.0040568	--	--	--	--	--	--
#1	3924	--	--	--	--	--	--
#2	3923	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855558/(1:50) Operator: AH
Run Time: 10/01/08 11:12:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02851	.00309	.00793	.00106	.00011	1.7187	.00010
SDev	.00286	.00052	.00003	.00004	.00002	.0083	.00005
%RSD	10.038	16.769	.31381	4.1646	14.214	.48427	50.518
#1	.02649	.00273	.00794	.00103	.00013	1.7246	.00006
#2	.03054	.00346	.00791	.00109	.00010	1.7128	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00061	.00030	.05125	.29514	.65998	.01026
SDev	.00024	.00010	.00019	.00088	.02393	.00644	.00003
%RSD	65.945	16.941	64.414	1.7234	8.1076	.97518	.26182
#1	.00020	.00068	.00016	.05063	.31206	.66453	.01024
#2	.00054	.00054	.00043	.05187	.27822	.65543	.01028
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	369.89	.00184	-.00251	.00037	-.00059	.00505
SDev	.00052	2.05	.00003	.00388	.00035	.00106	.00408
%RSD	114.37	.55334	1.6903	154.37	93.583	180.13	80.916
#1	.00009	371.34	.00187	.00023	.00013	.00016	.00216
#2	.00082	368.44	.00182	-.00525	.00062	-.00134	.00794
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	.00617	.00448	.00061	.00135	.00042	.00021
SDev	.00057	.00102	.00562	.00002	.00174	.00026	.00021
%RSD	113.10	16.583	125.19	3.9968	129.18	63.248	96.039
#1	.00010	.00545	.00051	.00062	.00012	.00060	.00007
#2	.00090	.00690	.00845	.00059	.00258	.00023	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00185	.00030
SDev	.00255	.00017
%RSD	137.54	58.099
#1	-.00005	.00017
#2	-.00366	.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3899	--	--	--	--	--	--
SDev	11.50809	--	--	--	--	--	--
%RSD	.2951900	--	--	--	--	--	--
#1	3890	--	--	--	--	--	--
#2	3907	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855559/(1:50) Operator: AH
Run Time: 10/01/08 11:18:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30493	-.00058	.00659	.00114	.00009	1.6103	-.00001
SDev	.00157	.00006	.00088	.00001	.00001	.0025	.00003
%RSD	.51482	11.054	13.402	.53744	14.881	.15499	337.94
#1	.30604	-.00053	.00722	.00115	.00008	1.6121	-.00003
#2	.30382	-.00063	.00597	.00114	.00010	1.6086	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00018	.00069	.04209	.28294	.60050	.00138
SDev	.00033	.00001	.00013	.00672	.03039	.00481	.00006
%RSD	4742.5	5.5320	18.129	15.957	10.741	.80083	4.0059
#1	-.00023	-.00018	.00060	.03734	.30443	.60390	.00142
#2	.00024	-.00017	.00078	.04684	.26145	.59710	.00134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00009	341.76	.00424	-.00153	-.00076	-.00102	.00298
SDev	.00041	1.56	.00002	.00049	.00047	.00048	.00217
%RSD	462.53	.45617	.45474	32.308	61.908	47.094	72.906
#1	.00020	342.86	.00423	-.00118	-.00043	-.00068	.00452
#2	-.00038	340.66	.00426	-.00188	-.00110	-.00136	.00145
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	.00681	.00107	.00061	-.00566	.00287	.00065
SDev	.00176	.00102	.00275	.00010	.00281	.00007	.00000
%RSD	129.79	14.937	257.16	17.016	49.640	2.4059	.16058
#1	-.00260	.00753	.00302	.00068	-.00367	.00282	.00065
#2	-.00011	.00609	-.00088	.00053	-.00764	.00292	.00065
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00106	-.00007
SDev	.00282	.00007
%RSD	266.08	95.306
#1	.00093	-.00012
#2	-.00305	-.00002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3905	--	--	--	--	--	--
SDev	5.250302	--	--	--	--	--	--
%RSD	.1344409	--	--	--	--	--	--
#1	3909	--	--	--	--	--	--
#2	3902	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855334/(1:5) Operator: AH
Run Time: 10/01/08 11:23:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06285	.00874	1.1311	.10203	.00004	38.819	.00013
SDev	.00516	.00103	.0008	.00001	.00001	.047	.00016
%RSD	8.2072	11.837	.06694	.00925	28.627	.12007	122.78
#1	.05920	.00800	1.1306	.10204	.00003	38.786	.00002
#2	.06650	.00947	1.1316	.10202	.00005	38.852	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	.00703	.00306	2.5749	91.156	39.058	.11651
SDev	.00000	.00039	.00017	.0011	.042	.001	.00026
%RSD	.08343	5.5660	5.4762	.04350	.04613	.00365	.22149
#1	.00250	.00676	.00294	2.5741	91.126	39.059	.11633
#2	.00251	.00731	.00318	2.5757	91.186	39.057	.11669
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	241.10	.01539	-.00173	.00290	.00136	.00522
SDev	.00076	.16	.00078	.00251	.00173	.00032	.00338
%RSD	324.76	.06437	5.0580	144.89	59.688	23.416	64.749
#1	.00077	240.99	.01484	.00004	.00167	.00113	.00283
#2	-.00030	241.21	.01594	-.00351	.00412	.00158	.00761
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00252	.00040	.00763	.00275	.00014	.00301	.01170
SDev	.00173	.00317	.00666	.00010	.00127	.00059	.00001
%RSD	68.464	794.57	87.206	3.7770	923.25	19.647	.12388
#1	-.00130	.00264	.00293	.00268	.00104	.00259	.01169
#2	-.00375	-.00184	.01234	.00283	-.00076	.00342	.01171
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00144	.00008
SDev	.00402	.00034
%RSD	279.54	415.51
#1	.00429	-.00016
#2	-.00141	.00032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3921	--	--	--	--	--	--
SDev	4.825969	--	--	--	--	--	--
%RSD	.1230883	--	--	--	--	--	--
#1	3924	--	--	--	--	--	--
#2	3917	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855380/(1:5) Operator: AH
Run Time: 10/01/08 11:28:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07706	.00180	.01021	.87046	-.00002	41.304	.00025
SDev	.00258	.00037	.00130	.00562	.00000	.128	.00005
%RSD	3.3521	20.587	12.782	.64549	14.786	.31065	21.415
#1	.07889	.00154	.01113	.87443	-.00001	41.394	.00029
#2	.07524	.00206	.00928	.86648	-.00002	41.213	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00934	.00143	.00198	19.148	.30817	6.8211	3.7628
SDev	.00009	.00022	.00027	.003	.00742	.0104	.0021
%RSD	.92184	15.212	13.478	.01764	2.4081	.15182	.05469
#1	.00940	.00159	.00217	19.146	.31342	6.8137	3.7642
#2	.00928	.00128	.00179	19.151	.30293	6.8284	3.7613
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	29.572	.00404	-.00052	.00029	.00002	.00506
SDev	.00134	.009	.00012	.00447	.00207	.00011	.00001
%RSD	300.23	.03017	2.9933	864.03	726.20	598.41	.15186
#1	-.00139	29.565	.00412	-.00368	.00175	-.00006	.00507
#2	.00050	29.578	.00395	.00264	-.00118	.00009	.00506
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00126	.01209	.00155	.00281	-.00382	.00119	.02388
SDev	.00155	.00646	.00324	.00055	.00161	.00014	.00024
%RSD	123.16	53.449	209.30	19.702	42.251	11.446	1.0072
#1	-.00016	.00752	.00384	.00242	-.00496	.00128	.02371
#2	-.00235	.01666	-.00074	.00321	-.00268	.00109	.02405
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00010	.00023
SDev	.00246	.00024
%RSD	2510.7	103.97
#1	.00183	.00006
#2	-.00164	.00041
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4042	--	--	--	--	--	--
SDev	26.67567	--	--	--	--	--	--
%RSD	.6599601	--	--	--	--	--	--
#1	4023	--	--	--	--	--	--
#2	4061	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855375/(1:10) Operator: AH
Run Time: 10/01/08 11:34:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02574	.00514	1.0871	.23218	.00002	26.143	.00004
SDev	.00153	.00394	.0010	.00049	.00001	.064	.00010
%RSD	5.9320	76.634	.08919	.21318	61.557	.24361	232.25
#1	.02681	.00792	1.0878	.23253	.00002	26.188	.00011
#2	.02466	.00235	1.0864	.23183	.00001	26.098	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.00291	.00071	3.6241	43.192	32.154	.16671
SDev	.00021	.00011	.00053	.0091	.032	.083	.00026
%RSD	21.214	3.7490	74.154	.25223	.07414	.25917	.15531
#1	.00112	.00283	.00108	3.6306	43.215	32.212	.16690
#2	.00083	.00299	.00034	3.6177	43.170	32.095	.16653
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	198.91	.02912	-.00105	.00031	-.00014	.00373
SDev	.00018	.69	.00006	.00155	.00069	.00006	.00270
%RSD	201.91	.34524	.20256	148.22	222.47	38.968	72.449
#1	.00021	199.39	.02916	.00005	-.00018	-.00010	.00564
#2	-.00004	198.42	.02907	-.00215	.00080	-.00018	.00182
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00062	.00453	.00333	.00136	.00137	.00122	.01377
SDev	.00355	.00554	.00128	.00024	.00302	.00059	.00015
%RSD	576.22	122.14	38.577	17.911	221.01	47.888	1.0891
#1	.00189	.00845	.00423	.00153	-.00077	.00163	.01388
#2	-.00313	.00062	.00242	.00119	.00350	.00081	.01367
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00085	-.00001
SDev	.00122	.00066
%RSD	143.19	5310.7
#1	-.00171	.00046
#2	.00001	-.00048
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3971	--	--	--	--	--	--
SDev	13.89475	--	--	--	--	--	--
%RSD	.3499166	--	--	--	--	--	--
#1	3961	--	--	--	--	--	--
#2	3981	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855423/(1:20) Operator: AH
Run Time: 10/01/08 11:39:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01286	.01147	.61625	.03039	-.00004	1.7735	.00010
SDev	.00043	.00018	.00072	.00005	.00000	.0017	.00007
%RSD	3.3348	1.5323	.11705	.14981	1.6777	.09535	66.175
#1	.01256	.01134	.61574	.03043	-.00004	1.7723	.00005
#2	.01317	.01159	.61676	.03036	-.00004	1.7747	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00457	.00694	.00069	.09922	28.530	2.7004	.00325
SDev	.00050	.00012	.00023	.00649	.003	.0018	.00000
%RSD	10.899	1.7322	33.879	6.5398	.00971	.06530	.02274
#1	.00422	.00702	.00053	.09464	28.528	2.7017	.00326
#2	.00492	.00685	.00086	.10381	28.532	2.6992	.00325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	123.08	.01227	.00025	.00129	.00094	.00675
SDev	.00002	.13	.00001	.00122	.00008	.00035	.00411
%RSD	5.4502	.10355	.07890	491.18	6.2693	37.557	60.900
#1	-.00040	122.99	.01226	.00111	.00123	.00119	.00965
#2	-.00037	123.17	.01228	-.00062	.00134	.00069	.00384
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	T11908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00073	.00475	.00775	.01544	-.00223	.00416	.00213
SDev	.00175	.00694	.00269	.00006	.00324	.00006	.00010
%RSD	239.94	146.09	34.776	.35673	145.09	1.5162	4.7538
#1	-.00197	.00966	.00965	.01540	.00006	.00411	.00220
#2	.00051	-.00016	.00584	.01548	-.00452	.00420	.00206
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00614	-.00042
SDev	.00233	.00026
%RSD	38.021	61.391
#1	.00779	-.00024
#2	.00449	-.00061
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3997	--	--	--	--	--	--
SDev	.8484936	--	--	--	--	--	--
%RSD	.0212300	--	--	--	--	--	--
#1	3996	--	--	--	--	--	--
#2	3997	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855748/(1:5) Operator: AH
Run Time: 10/01/08 11:45:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05093	.00012	.01269	.82352	-.00004	37.640	.00008
SDev	.00235	.00111	.00053	.00163	.00001	.080	.00002
%RSD	4.6239	925.25	4.1495	.19814	15.967	.21162	18.192
#1	.05259	.00090	.01232	.82467	-.00003	37.697	.00007
#2	.04926	-.00066	.01306	.82236	-.00004	37.584	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00852	.00086	.00033	15.046	.28520	6.6160	3.5691
SDev	.00031	.00014	.00023	.012	.02410	.0109	.0034
%RSD	3.6139	16.015	68.385	.08209	8.4490	.16426	.09588
#1	.00873	.00096	.00017	15.055	.30224	6.6237	3.5715
#2	.00830	.00077	.00050	15.037	.26816	6.6083	3.5667
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	28.888	.00385	-.00304	-.00046	-.00132	.00492
SDev	.00093	.200	.00051	.00067	.00167	.00089	.00122
%RSD	185.47	.69249	13.108	22.127	365.24	67.751	24.801
#1	.00016	29.029	.00349	-.00256	-.00164	-.00195	.00406
#2	-.00116	28.747	.00421	-.00351	.00072	-.00069	.00578
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	.00555	.00461	.00042	-.00386	.00076	.00637
SDev	.00224	.00758	.00562	.00009	.00173	.00019	.00011
%RSD	60.384	136.65	122.07	22.105	44.981	25.389	1.7806
#1	.00530	.01091	.00063	.00049	-.00508	.00090	.00645
#2	.00213	.00019	.00858	.00036	-.00263	.00063	.00629
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00061	.00007
SDev	.00508	.00035
%RSD	835.97	494.12
#1	.00298	.00032
#2	-.00420	-.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4016	--	--	--	--	--	--
SDev	8.220117	--	--	--	--	--	--
%RSD	.2046848	--	--	--	--	--	--
#1	4010	--	--	--	--	--	--
#2	4022	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 11:58:43 AM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 11:53:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.047	.49078	.49009	.50227	.49792	25.129	.49308
SDev	.105	.00024	.00238	.00213	.00217	.125	.00163
%RSD	.41751	.04933	.48536	.42308	.43688	.49820	.33077
#1	24.973	.49061	.48841	.50077	.49638	25.041	.49193
#2	25.121	.49095	.49177	.50378	.49946	25.218	.49424
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48899	.50982	.48867	24.663	25.154	25.248	.50027
SDev	.00152	.00169	.00241	.086	.008	.096	.00123
%RSD	.31000	.33043	.49365	.34962	.03334	.38010	.24591
#1	.48792	.50862	.48696	24.602	25.148	25.180	.49940
#2	.49007	.51101	.49037	24.723	25.160	25.315	.50114
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49938	24.548	.49922	.50367	.49996	.50120	.50355
SDev	.00494	.009	.00338	.00397	.00408	.00140	.00445
%RSD	.98845	.03794	.67655	.78859	.81602	.27906	.88363
#1	.49589	24.542	.49683	.50647	.49708	.50021	.50040
#2	.50287	24.555	.50161	.50086	.50285	.50219	.50669
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51485	.50769	.50149	.52279	.49827	.49169	.50048
SDev	.00621	.00902	.01118	.00259	.00921	.00201	.00210
%RSD	1.2056	1.7759	2.2298	.49480	1.8484	.40948	.41867
#1	.51046	.51406	.49358	.52096	.49176	.49027	.49899
#2	.51924	.50131	.50939	.52462	.50478	.49312	.50196
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51414	.50259
SDev	.00253	.00172
%RSD	.49197	.34211
#1	.51235	.50137
#2	.51593	.50381
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3951	--	--	--	--	--	--
SDev	12.51576	--	--	--	--	--	--
%RSD	.3167984	--	--	--	--	--	--
#1	3960	--	--	--	--	--	--
#2	3942	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 11:58:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03064	.00025	.00039	.00015	.00015	.02914	.00010
SDev	.00460	.00016	.00068	.00007	.00001	.00049	.00005
%RSD	15.021	62.409	174.65	47.147	3.3444	1.6954	53.202
#1	.03390	.00036	.00087	.00020	.00016	.02949	.00014
#2	.02739	.00014	-.00009	.00010	.00015	.02879	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00022	.00041	.01011	-.00650	.02802	.00007
SDev	.00036	.00025	.00010	.00152	.01302	.00176	.00001
%RSD	85.570	112.16	24.914	15.031	200.23	6.2686	20.253
#1	.00067	.00040	.00048	.01119	.00270	.02927	.00008
#2	.00016	.00005	.00034	.00904	-.01571	.02678	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.01181	.00054	-.00309	.00188	.00023	.00156
SDev	.00086	.17055	.00050	.00056	.00242	.00143	.00221
%RSD	91.164	1443.7	91.747	18.034	128.61	625.85	141.44
#1	.00155	.13241	.00089	-.00348	.00360	.00124	-.00000
#2	.00034	-.10878	.00019	-.00269	.00017	-.00078	.00313
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	.00435	.00017	.00032	.00460	.00059	.00007
SDev	.00159	.00865	.00101	.00005	.00285	.00065	.00020
%RSD	70.386	198.91	594.96	14.539	62.047	109.11	306.00
#1	.00339	-.00177	.00088	.00036	.00258	.00105	.00021
#2	.00114	.01047	-.00054	.00029	.00662	.00014	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00268	-.00020
SDev	.00278	.00003
%RSD	103.76	17.389
#1	-.00071	-.00017
#2	-.00465	-.00022
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3953	--	--	--	--	--	--
SDev	3.553315	--	--	--	--	--	--
%RSD	.0898808	--	--	--	--	--	--
#1	3951	--	--	--	--	--	--
#2	3956	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855408/(1:20) Operator: AH
Run Time: 10/01/08 12:09:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00417	.00157	.28627	.00295	.00012	27.293	-.00003
SDev	.00284	.00136	.00023	.00012	.00001	.102	.00010
%RSD	68.213	86.461	.07930	4.1483	6.3771	.37212	359.74
#1	.00618	.00061	.28643	.00304	.00012	27.221	.00004
#2	.00216	.00253	.28611	.00286	.00011	27.365	-.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00030	.00029	.00063	-.00572	.88531	17.681	.07526
SDev	.00033	.00012	.00036	.01690	.01577	.027	.00012
%RSD	107.93	41.899	57.623	295.37	1.7813	.15403	.16514
#1	.00054	.00038	.00089	.00623	.89646	17.662	.07517
#2	.00007	.00020	.00038	-.01767	.87416	17.700	.07534
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00730	165.34	.00045	-.00175	.00109	.00014	.00464
SDev	.00001	.40	.00039	.00218	.00054	.00037	.00261
%RSD	.09814	.24487	87.663	124.68	49.307	257.05	56.128
#1	.00731	165.05	.00073	-.00329	.00147	-.00012	.00648
#2	.00730	165.63	.00017	-.00021	.00071	.00040	.00280
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	.00542	.00425	.00018	.00121	.00019	.00043
SDev	.00593	.00685	.00049	.00050	.00100	.00006	.00031
%RSD	92459.	126.38	11.407	268.43	82.430	34.431	71.746
#1	.00420	.01026	.00460	.00054	.00050	.00024	.00065
#2	-.00419	.00058	.00391	-.00017	.00191	.00014	.00021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00444	.00008
SDev	.00356	.00050
%RSD	80.169	604.00
#1	-.00192	.00044
#2	-.00696	-.00027
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3908	--	--	--	--	--	--
SDev	3.234979	--	--	--	--	--	--
%RSD	.0827850	--	--	--	--	--	--
#1	3905	--	--	--	--	--	--
#2	3910	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855409/(1:20) Operator: AH
Run Time: 10/01/08 12:14:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	-.00069	.27729	.00314	.00011	33.332	.00012
SDev	.00123	.00336	.00131	.00002	.00001	.173	.00005
%RSD	39.088	488.00	.47309	.47443	8.7340	.51787	40.026
#1	.00228	.00169	.27636	.00315	.00012	33.454	.00009
#2	.00402	-.00306	.27822	.00313	.00011	33.210	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00010	.00039	.00081	1.1718	20.037	.01229
SDev	.00024	.00049	.00021	.00768	.0103	.086	.00003
%RSD	331.48	509.28	54.002	950.51	.88112	.43078	.21102
#1	.00024	.00044	.00024	.00624	1.1791	20.098	.01231
#2	-.00010	-.00025	.00054	-.00462	1.1645	19.976	.01227
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	176.85	.00075	-.00173	.00203	.00078	.00602
SDev	.00049	.62	.00009	.00188	.00052	.00097	.00009
%RSD	48.422	.35305	12.044	108.72	25.715	124.93	1.4978
#1	.00067	177.29	.00069	-.00040	.00240	.00147	.00608
#2	.00136	176.41	.00081	-.00306	.00166	.00009	.00596
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.01245	.00280	.00005	.00372	.00019	.00014
SDev	.00063	.00052	.00013	.00016	.00316	.00020	.00031
%RSD	166.36	4.1751	4.4461	290.85	84.919	106.18	218.89
#1	.00082	.01282	.00272	-.00006	.00149	.00032	.00036
#2	-.00007	.01209	.00289	.00016	.00596	.00005	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00139	-.00015
SDev	.00151	.00006
%RSD	108.50	39.833
#1	-.00032	-.00011
#2	-.00246	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3909	--	--	--	--	--	--
SDev	12.67492	--	--	--	--	--	--
%RSD	.3242715	--	--	--	--	--	--
#1	3900	--	--	--	--	--	--
#2	3918	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855410/(1:20) Operator: AH
Run Time: 10/01/08 12:19:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01027	-.00077	.31430	.00169	.00011	33.509	.00022
SDev	.00078	.00102	.00090	.00005	.00000	.057	.00011
%RSD	7.5597	132.78	.28588	3.1287	2.1580	.17098	48.961
#1	.01082	-.00005	.31366	.00173	.00012	33.549	.00030
#2	.00972	-.00149	.31493	.00165	.00011	33.468	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00048	.00113	.00371	.74056	18.537	.01263
SDev	.00042	.00022	.00044	.00670	.00564	.013	.00006
%RSD	72.832	46.477	38.559	180.59	.76130	.07126	.47849
#1	.00088	.00064	.00143	.00845	.74454	18.546	.01267
#2	.00028	.00032	.00082	-.00103	.73657	18.528	.01258
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00022	178.58	.00113	-.00357	.00311	.00089	-.00063
SDev	.00096	.34	.00042	.00174	.00059	.00019	.00056
%RSD	440.18	.19116	37.396	48.869	18.833	21.281	89.713
#1	.00046	178.82	.00143	-.00480	.00353	.00076	-.00023
#2	-.00090	178.34	.00083	-.00233	.00270	.00102	-.00102
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	-.00119	-.00035	.00027	.00294	.00047	.00051
SDev	.00222	.00093	.00038	.00005	.00006	.00046	.00000
%RSD	1149.6	78.532	108.84	16.648	2.1869	99.476	.23061
#1	.00138	-.00053	-.00008	.00024	.00290	.00079	.00051
#2	-.00176	-.00185	-.00061	.00030	.00299	.00014	.00051
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00160	-.00010
SDev	.00034	.00045
%RSD	20.963	468.28
#1	-.00136	-.00042
#2	-.00184	.00022
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3884	--	--	--	--	--	--
SDev	9.598940	--	--	--	--	--	--
%RSD	.2471318	--	--	--	--	--	--
#1	3877	--	--	--	--	--	--
#2	3891	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855410/L (1:100) Operator: AH
Run Time: 10/01/08 12:25:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03707	.00193	.06386	.00095	.00008	6.6728	.00006
SDev	.00087	.00038	.00012	.00004	.00000	.0245	.00002
%RSD	2.3437	19.602	.18712	4.3181	4.1985	.36763	27.829
#1	.03768	.00166	.06394	.00098	.00009	6.6901	.00007
#2	.03645	.00220	.06378	.00092	.00008	6.6555	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00043	.00149	.00728	.10936	3.6631	.00244
SDev	.00015	.00038	.00001	.00050	.00430	.0017	.00002
%RSD	18.365	88.511	.34129	6.9026	3.9320	.04603	.70923
#1	.00071	.00016	.00150	.00693	.11240	3.6643	.00245
#2	.00092	.00070	.00149	.00764	.10632	3.6619	.00242
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	35.208	.00042	-.00668	.00272	-.00041	.00321
SDev	.00078	.028	.00044	.00334	.00283	.00077	.00081
%RSD	103.18	.07815	104.01	50.031	103.92	189.19	25.117
#1	-.00130	35.227	.00011	-.00432	.00072	-.00096	.00378
#2	-.00020	35.188	.00073	-.00905	.00472	.00014	.00264
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00071	.00517	.00013	.00155	.00041	.00043
SDev	.00451	.00159	.00200	.00012	.00130	.00000	.00010
%RSD	1036.9	222.01	38.728	93.133	83.922	.01304	24.040
#1	.00362	-.00184	.00659	.00022	.00063	.00041	.00050
#2	-.00275	.00041	.00375	.00004	.00247	.00041	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00305	-.00064
SDev	.00492	.00022
%RSD	161.45	34.325
#1	.00043	-.00048
#2	-.00653	-.00079
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3928	--	--	--	--	--	--
SDev	4.560804	--	--	--	--	--	--
%RSD	.1160953	--	--	--	--	--	--
#1	3925	--	--	--	--	--	--
#2	3932	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855410/PS (1:20) Operator: AH
Run Time: 10/01/08 12:30:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.9070	.19944	.50842	.19981	.19992	42.934	.19938
SDev	.0313	.00221	.00132	.00099	.00046	.064	.00010
%RSD	.31627	1.1084	.25959	.49396	.22901	.14916	.04854
#1	9.9292	.19788	.50935	.20051	.20025	42.979	.19932
#2	9.8849	.20100	.50748	.19912	.19960	42.889	.19945
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19746	.19824	.19396	10.009	11.470	28.430	.21287
SDev	.00069	.00037	.00088	.002	.021	.021	.00001
%RSD	.34788	.18659	.45450	.01797	.18011	.07493	.00479
#1	.19794	.19850	.19458	10.011	11.484	28.415	.21286
#2	.19697	.19798	.19333	10.008	11.455	28.445	.21288
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20048	185.40	.19686	.19926	.19342	.19537	.20005
SDev	.00059	.78	.00034	.00526	.00077	.00227	.00457
%RSD	.29628	.42084	.17468	2.6392	.39877	1.1597	2.2831
#1	.20090	185.95	.19710	.20298	.19397	.19697	.19682
#2	.20006	184.85	.19662	.19554	.19288	.19376	.20328
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19632	.20448	.19784	.19797	.19921	.19756	.20025
SDev	.00236	.00094	.00732	.00039	.00117	.00022	.00106
%RSD	1.2002	.45824	3.6997	.19577	.58722	.10929	.52943
#1	.19798	.20514	.19266	.19825	.19839	.19741	.19950
#2	.19465	.20382	.20302	.19770	.20004	.19771	.20100
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.17012	.05041
SDev	.00348	.00022
%RSD	2.0480	.43588
#1	.17258	.05056
#2	.16766	.05025
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3902	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.0896904	--	--	--	--	--	--
#1	3900	--	--	--	--	--	--
#2	3905	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855411/MS (1:20) Operator: AH
Run Time: 10/01/08 12:36:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51170	.00969	.31644	.01192	.01043	32.987	.01037
SDev	.00391	.00150	.00052	.00001	.00011	.320	.00009
%RSD	.76423	15.515	.16467	.11029	1.0872	.97120	.89204
#1	.50894	.01075	.31681	.01193	.01035	32.761	.01031
#2	.51447	.00863	.31608	.01191	.01051	33.214	.01044
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01021	.01008	.01035	.51889	1.2369	18.537	.02277
SDev	.00058	.00048	.00003	.00766	.0074	.018	.00012
%RSD	5.6845	4.7200	.29732	1.4758	.59510	.09785	.51626
#1	.00980	.00974	.01033	.51348	1.2421	18.524	.02268
#2	.01062	.01041	.01037	.52431	1.2317	18.550	.02285
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01064	173.33	.01052	.00836	.01012	.00953	.01708
SDev	.00040	1.63	.00013	.00327	.00324	.00107	.00237
%RSD	3.7149	.94035	1.2344	39.155	32.003	11.223	13.868
#1	.01036	172.17	.01061	.01068	.00783	.00878	.01540
#2	.01092	174.48	.01043	.00605	.01241	.01029	.01875
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00956	.01881	.01621	.01038	.01069	.01000	.01054
SDev	.00203	.00690	.00700	.00075	.00325	.00057	.00015
%RSD	21.231	36.701	43.198	7.2106	30.407	5.6560	1.3709
#1	.01100	.02369	.01126	.01091	.01299	.00960	.01044
#2	.00813	.01393	.02117	.00985	.00839	.01040	.01065
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00991	.00250
SDev	.00119	.00006
%RSD	11.991	2.3061
#1	.01075	.00246
#2	.00907	.00254
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3889	--	--	--	--	--	--
SDev	15.06124	--	--	--	--	--	--
%RSD	.3872505	--	--	--	--	--	--
#1	3900	--	--	--	--	--	--
#2	3879	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855412/SD (1:20) Operator: AH
Run Time: 10/01/08 12:45:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53411	.01149	.33668	.01240	.01079	34.985	.01055
SDev	.00465	.00250	.00110	.00002	.00001	.031	.00025
%RSD	.86990	21.786	.32727	.19329	.08015	.08983	2.3381
#1	.53082	.01326	.33746	.01242	.01079	34.963	.01037
#2	.53739	.00972	.33590	.01239	.01080	35.007	.01072
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01062	.01042	.01138	.54414	1.3082	19.686	.02365
SDev	.00085	.00044	.00061	.00959	.0203	.033	.00009
%RSD	8.0041	4.2477	5.4039	1.7632	1.5533	.16989	.36892
#1	.01002	.01011	.01094	.53736	1.3226	19.662	.02359
#2	.01122	.01074	.01181	.55092	1.2938	19.710	.02371
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01046	184.19	.01074	.00966	.01149	.01088	.01295
SDev	.00071	.21	.00044	.00894	.00595	.00099	.00291
%RSD	6.8035	.11639	4.1325	92.569	51.825	9.1344	22.468
#1	.01096	184.34	.01043	.01598	.00728	.01018	.01089
#2	.00995	184.03	.01106	.00334	.01570	.01158	.01501
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00784	.01453	.01216	.01079	.01530	.00985	.01061
SDev	.00186	.00878	.00875	.00038	.00482	.00073	.00042
%RSD	23.690	60.385	71.978	3.5048	31.500	7.3992	3.9693
#1	.00653	.02074	.00597	.01106	.01871	.00934	.01031
#2	.00916	.00833	.01835	.01053	.01190	.01037	.01090
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01197	.00174
SDev	.00063	.00172
%RSD	5.2746	99.110
#1	.01153	.00295
#2	.01242	.00052
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3893	--	--	--	--	--	--
SDev	2.492655	--	--	--	--	--	--
%RSD	.0640220	--	--	--	--	--	--
#1	3895	--	--	--	--	--	--
#2	3892	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855413/(1:20) Operator: AH
Run Time: 10/01/08 12:50:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01281	.00316	.16416	.00131	.00013	33.678	.00001
SDev	.00036	.00019	.00017	.00001	.00001	.117	.00000
%RSD	2.8134	6.0530	.10129	.39979	6.9103	.34832	39.133
#1	.01256	.00303	.16405	.00130	.00012	33.760	.00001
#2	.01307	.00330	.16428	.00131	.00013	33.595	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00006	.00098	-.00353	.81686	17.769	.02537
SDev	.00003	.00017	.00008	.00054	.04229	.036	.00003
%RSD	12.120	269.08	7.8678	15.192	5.1766	.20379	.10363
#1	-.00031	.00019	.00103	-.00391	.84676	17.794	.02539
#2	-.00026	-.00006	.00092	-.00315	.78696	17.743	.02535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00120	110.22	.00071	-.00065	-.00008	-.00027	.00200
SDev	.00021	.58	.00040	.00348	.00061	.00075	.00138
%RSD	17.218	.53066	56.651	534.73	742.46	277.13	68.974
#1	.00134	110.64	.00042	.00181	-.00051	.00026	.00297
#2	.00105	109.81	.00099	-.00311	.00035	-.00080	.00102
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00179	.00698	-.00050	.00067	.00172	-.00046	.00007
SDev	.00018	.00176	.00118	.00013	.00043	.00019	.00041
%RSD	10.307	25.242	238.77	18.840	24.802	42.070	614.30
#1	-.00192	.00823	.00034	.00076	.00142	-.00032	-.00022
#2	-.00166	.00574	-.00133	.00058	.00202	-.00060	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00320	-.00050
SDev	.00581	.00110
%RSD	181.73	217.35
#1	.00091	.00027
#2	-.00731	-.00128
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3919	--	--	--	--	--	--
SDev	17.23573	--	--	--	--	--	--
%RSD	.4397725	--	--	--	--	--	--
#1	3907	--	--	--	--	--	--
#2	3931	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855414/(1:20) Operator: AH
Run Time: 10/01/08 12:56:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00040	.13710	.00078	.00014	35.001	-.00004
SDev	.00314	.00137	.00001	.00007	.00001	.076	.00010
%RSD	500.65	345.18	.00709	8.7575	4.4893	.21619	281.67
#1	.00284	-.00057	.13711	.00073	.00014	34.948	-.00011
#2	-.00159	.00137	.13710	.00083	.00013	35.055	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00006	.00090	-.00754	.97753	22.607	.03885
SDev	.00021	.00002	.00018	.00410	.02123	.006	.00010
%RSD	227.35	32.610	19.854	54.414	2.1718	.02441	.26266
#1	.00024	.00008	.00103	-.00464	.99254	22.611	.03878
#2	-.00006	.00005	.00078	-.01044	.96252	22.603	.03892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00048	118.50	.00083	-.00144	.00069	-.00002	.00690
SDev	.00052	.24	.00063	.00120	.00137	.00052	.00331
%RSD	108.21	.20119	75.589	83.301	200.46	2342.5	48.033
#1	.00011	118.33	.00127	-.00059	-.00029	-.00039	.00455
#2	.00085	118.67	.00039	-.00229	.00166	.00034	.00924
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00260	.00939	.00565	.00024	.00239	-.00000	.00014
SDev	.00006	.00837	.00078	.00012	.00277	.00020	.00031
%RSD	2.2918	89.164	13.866	47.805	115.75	35150.	218.90
#1	-.00256	.00347	.00510	.00032	.00043	.00014	-.00008
#2	-.00264	.01530	.00620	.00016	.00435	-.00014	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00096	-.00020
SDev	.00331	.00027
%RSD	346.48	135.95
#1	-.00330	-.00038
#2	.00139	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3907	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0407218	--	--	--	--	--	--
#1	3908	--	--	--	--	--	--
#2	3906	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855415/(1:20) Operator: AH
Run Time: 10/01/08 13:01:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00283	.00026	.29246	.00295	.00014	27.833	.00007
SDev	.00030	.00117	.00052	.00004	.00002	.039	.00008
%RSD	10.685	443.84	.17619	1.4745	12.713	.13835	114.40
#1	.00305	.00109	.29283	.00292	.00013	27.860	.00013
#2	.00262	-.00056	.29210	.00298	.00015	27.806	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.00022	.00146	-.00213	.89389	17.980	.07689
SDev	.00000	.00016	.00037	.00051	.00302	.032	.00014
%RSD	.09929	74.003	25.281	23.907	.33802	.17733	.17929
#1	.00045	.00033	.00120	-.00249	.89603	17.957	.07680
#2	.00045	.00010	.00172	-.00177	.89175	18.002	.07699
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00798	168.59	.00088	-.00070	-.00052	-.00058	.00704
SDev	.00047	.28	.00047	.00111	.00220	.00184	.00167
%RSD	5.9063	.16355	54.153	159.21	422.89	317.22	23.731
#1	.00831	168.78	.00054	.00009	.00104	.00072	.00822
#2	.00765	168.39	.00121	-.00148	-.00208	-.00188	.00586
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.01027	.00542	.00036	-.00121	.00019	.00036
SDev	.00096	.00026	.00263	.00002	.00740	.00020	.00021
%RSD	853.26	2.4998	48.564	5.4967	611.19	103.09	57.583
#1	.00079	.01008	.00728	.00035	-.00644	.00005	.00021
#2	-.00057	.01045	.00356	.00037	.00402	.00033	.00051
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00041	-.00029
SDev	.00022	.00030
%RSD	54.876	106.21
#1	-.00057	-.00050
#2	-.00025	-.00007
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3880	--	--	--	--	--	--
SDev	4.030474	--	--	--	--	--	--
%RSD	.1038869	--	--	--	--	--	--
#1	3883	--	--	--	--	--	--
#2	3877	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 01:15:20 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 13:10:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.040	.48761	.49127	.49833	.49882	25.017	.49265
SDev	.079	.00013	.00070	.00161	.00107	.065	.00017
%RSD	.31654	.02686	.14253	.32223	.21383	.26038	.03420
#1	25.096	.48752	.49077	.49947	.49957	25.063	.49277
#2	24.984	.48770	.49176	.49720	.49806	24.971	.49253
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48884	.51324	.48696	24.851	25.119	25.156	.50400
SDev	.00003	.00045	.00111	.023	.041	.010	.00039
%RSD	.00645	.08768	.22702	.09217	.16268	.04036	.07719
#1	.48886	.51292	.48774	24.835	25.091	25.149	.50372
#2	.48882	.51356	.48618	24.867	25.148	25.163	.50427
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49803	24.387	.49830	.50373	.49460	.49764	.49468
SDev	.00403	.240	.00245	.00168	.00336	.00168	.00341
%RSD	.80873	.98445	.49245	.33410	.68033	.33839	.68925
#1	.49518	24.556	.50004	.50492	.49222	.49645	.49227
#2	.50088	24.217	.49657	.50254	.49698	.49883	.49709
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50550	.50683	.48861	.51575	.49737	.48747	.49884
SDev	.00412	.00046	.00489	.00145	.00918	.00194	.00018
%RSD	.81511	.09006	1.0000	.28108	1.8463	.39714	.03715
#1	.50841	.50651	.48515	.51678	.49088	.48611	.49898
#2	.50258	.50716	.49206	.51473	.50387	.48884	.49871
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51417	.50540
SDev	.00430	.00066
%RSD	.83586	.12975
#1	.51721	.50494
#2	.51113	.50586
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3922	--	--	--	--	--	--
SDev	3.871479	--	--	--	--	--	--
%RSD	.0987002	--	--	--	--	--	--
#1	3920	--	--	--	--	--	--
#2	3925	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 01:20:44 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 13:15:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02882	-.00061	.00008	.00014	.00022	.03250	.00016
SDev	.00356	.00131	.00001	.00015	.00002	.00004	.00003
%RSD	12.355	214.51	13.065	105.26	7.3813	.13272	19.138
#1	.02630	-.00153	.00009	.00004	.00023	.03247	.00018
#2	.03134	.00031	.00007	.00024	.00020	.03253	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00014	.00100	.01266	-.00423	.02709	.00001
SDev	.00012	.00019	.00023	.00002	.00079	.00025	.00001
%RSD	48.842	137.58	23.183	.16732	18.610	.93712	123.54
#1	.00016	.00000	.00084	.01267	-.00368	.02691	.00000
#2	.00033	.00027	.00116	.01264	-.00479	.02727	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	-.15010	.00043	-.00188	.00312	.00145	.00443
SDev	.00052	.24045	.00038	.00004	.00055	.00038	.00325
%RSD	99.033	160.19	88.276	1.9665	17.591	26.021	73.347
#1	.00089	-.32013	.00016	-.00185	.00351	.00172	.00213
#2	.00016	.01992	.00070	-.00191	.00273	.00119	.00672
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00262	.00989	.00170	.00042	.00511	.00023	.00043
SDev	.00094	.00786	.00094	.00025	.00332	.00000	.00010
%RSD	35.980	79.466	55.516	58.736	64.849	.43094	24.080
#1	-.00195	.00433	.00103	.00025	.00746	.00023	.00050
#2	-.00329	.01545	.00236	.00060	.00277	.00023	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00213	-.00047
SDev	.00055	.00026
%RSD	25.853	55.814
#1	-.00174	-.00066
#2	-.00252	-.00029
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3939	--	--	--	--	--	--
SDev	7.795783	--	--	--	--	--	--
%RSD	.1978996	--	--	--	--	--	--
#1	3934	--	--	--	--	--	--
#2	3945	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855416/(1:20) Operator: AH
Run Time: 10/01/08 13:20:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.00021	.27264	.00590	.00014	36.888	.00004
SDev	.00134	.00124	.00019	.00000	.00000	.129	.00015
%RSD	78.144	588.24	.07166	.01257	2.8572	.34838	339.37
#1	.00266	.00109	.27278	.00590	.00014	36.979	-.00006
#2	.00077	-.00067	.27250	.00590	.00014	36.797	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00017	.00140	-.00431	1.2384	21.779	.13736
SDev	.00036	.00010	.00052	.00153	.0274	.065	.00017
%RSD	152.09	59.910	36.801	35.451	2.2110	.29999	.12752
#1	.00049	.00024	.00103	-.00323	1.2578	21.825	.13748
#2	-.00002	.00010	.00176	-.00539	1.2191	21.733	.13723
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00197	199.99	.00075	-.00139	.00101	.00021	.00223
SDev	.00047	.50	.00104	.00257	.00090	.00026	.00013
%RSD	23.743	.25119	139.35	184.53	89.287	122.92	5.6203
#1	.00230	200.34	.00001	.00042	.00037	.00039	.00232
#2	.00164	199.63	.00148	-.00321	.00164	.00003	.00214
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00078	.00576	.00046	.00014	-.00241	-.00014	.00044
SDev	.00174	.00694	.00329	.00018	.00155	.00013	.00010
%RSD	221.67	120.52	714.60	133.30	64.384	95.042	23.524
#1	.00044	.01067	-.00186	.00001	-.00351	-.00005	.00036
#2	-.00201	.00085	.00278	.00027	-.00131	-.00023	.00051
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00440	-.00038
SDev	.00065	.00030
%RSD	14.762	78.831
#1	-.00486	-.00017
#2	-.00394	-.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3883	--	--	--	--	--	--
SDev	10.65960	--	--	--	--	--	--
%RSD	.2744923	--	--	--	--	--	--
#1	3876	--	--	--	--	--	--
#2	3891	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855424/(1:20) Operator: AH
Run Time: 10/01/08 13:26:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00189	-.00053	.36016	.00163	.00017	88.468	.00025
SDev	.00035	.00142	.00214	.00003	.00001	.294	.00008
%RSD	18.580	266.15	.59496	2.0222	2.6220	.33252	31.289
#1	.00164	-.00154	.35864	.00160	.00018	88.260	.00019
#2	.00214	.00047	.36167	.00165	.00017	88.676	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00061	.00104	-.00293	2.0632	41.286	.23068
SDev	.00034	.00044	.00014	.00157	.0137	.022	.00011
%RSD	99.622	72.989	13.767	53.544	.66171	.05375	.04839
#1	.00010	.00029	.00114	-.00404	2.0729	41.270	.23060
#2	.00058	.00092	.00094	-.00182	2.0536	41.302	.23076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	287.38	.00092	-.00127	.00083	.00013	.00729
SDev	.00020	.51	.00002	.00119	.00013	.00048	.00020
%RSD	28.104	.17855	2.1480	94.274	15.247	372.95	2.7672
#1	.00085	287.01	.00090	-.00211	.00074	-.00021	.00743
#2	.00057	287.74	.00093	-.00042	.00092	.00047	.00715
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00292	.01123	.00532	.00006	.00316	.00052	.00089
SDev	.00070	.00356	.00208	.00000	.00047	.00000	.00011
%RSD	23.908	31.706	39.122	.47258	14.967	.01434	11.826
#1	.00243	.00871	.00680	.00006	.00349	.00052	.00096
#2	.00342	.01374	.00385	.00006	.00282	.00052	.00082
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00251	.00017
SDev	.00020	.00002
%RSD	7.7655	14.148
#1	-.00237	.00018
#2	-.00265	.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3828	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0166220	--	--	--	--	--	--
#1	3829	--	--	--	--	--	--
#2	3828	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855425 Operator: AH
Run Time: 10/01/08 13:31:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15230	.00197	5.0650	.06061	.00122	C.00000	.00161
SDev	.00029	.00131	.0099	.00007	.00001	.00000	.00002
%RSD	.18817	66.366	.19464	.11394	.51076	.00000	1.4459
#1	.15210	.00104	5.0720	.06056	.00121	C.00000	.00162
#2	.15250	.00289	5.0580	.06066	.00122	C.00000	.00159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	.00077	.00446	.05854	70.984	H1313.9	1.3479
SDev	.00031	.00009	.00011	.00915	.280	.0	.0003
%RSD	10.747	11.712	2.4491	15.638	.39401	.00223	.01998
#1	.00263	.00071	.00453	.05206	71.182	H1313.9	1.3481
#2	.00307	.00083	.00438	.06501	70.786	H1313.9	1.3477
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01067	H3900.2	.00871	-.00649	-.00196	-.00347	.01940
SDev	.00071	2.4	.00071	.00342	.00190	.00013	.00015
%RSD	6.6952	.06125	8.1014	52.645	96.726	3.7572	.79444
#1	.01016	H3898.5	.00921	-.00890	-.00062	-.00338	.01929
#2	.01118	H3901.9	.00821	-.00407	-.00331	-.00356	.01951
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.02387	.01717	.00112	.00237	.00026	.01367
SDev	.00233	.00153	.00053	.00009	.00254	.00042	.00012
%RSD	386.67	6.4199	3.1155	8.3192	106.88	163.67	.88585
#1	.00225	.02278	.01755	.00105	.00417	.00055	.01359
#2	-.00105	.02495	.01679	.00118	.00058	-.00004	.01376
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00085	.00381
SDev	.00090	.00017
%RSD	105.60	4.5953
#1	.00149	.00369
#2	.00022	.00394
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3047	--	--	--	--	--	--
SDev	2.439484	--	--	--	--	--	--
%RSD	.0800552	--	--	--	--	--	--
#1	3046	--	--	--	--	--	--
#2	3049	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855425/(1:20) Operator: AH
Run Time: 10/01/08 13:41:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00791	.00054	.23717	.00294	.00021	134.53	.00017
SDev	.00243	.00026	.00115	.00003	.00000	.79	.00002
%RSD	30.684	48.595	.48652	.95068	.59063	.58439	11.972
#1	.00963	.00036	.23636	.00296	.00021	133.98	.00016
#2	.00619	.00073	.23799	.00292	.00021	135.09	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	.00005	.00144	.00116	1.9735	76.576	.07021
SDev	.00009	.00007	.00009	.01262	.0073	.082	.00004
%RSD	22.039	137.73	6.3345	1089.7	.36770	.10755	.05243
#1	.00049	.00000	.00151	-.00776	1.9787	76.517	.07018
#2	.00036	.00010	.00138	.01008	1.9684	76.634	.07023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	302.40	.00119	-.00453	.00030	-.00131	.00476
SDev	.00056	1.39	.00035	.00106	.00093	.00027	.00236
%RSD	51.168	.46109	29.599	23.292	307.58	20.438	49.630
#1	-.00148	301.42	.00094	-.00379	-.00035	-.00150	.00643
#2	-.00070	303.39	.00144	-.00528	.00096	-.00112	.00309
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	.00441	.00494	.00026	-.00131	-.00000	.00120
SDev	.00211	.00077	.00393	.00041	.00319	.00007	.00031
%RSD	305.47	17.447	79.620	158.27	242.66	14280.	26.289
#1	-.00218	.00387	.00772	.00055	.00094	-.00005	.00142
#2	.00080	.00496	.00216	-.00003	-.00357	.00005	.00097
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00095	-.00023
SDev	.00114	.00021
%RSD	120.84	91.215
#1	-.00176	-.00008
#2	-.00014	-.00039
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3806	--	--	--	--	--	--
SDev	10.76577	--	--	--	--	--	--
%RSD	.2828752	--	--	--	--	--	--
#1	3813	--	--	--	--	--	--
#2	3798	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855426/(1:20) Operator: AH
Run Time: 10/01/08 13:47:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01162	.00169	.32180	.00325	.00018	30.034	.00002
SDev	.00266	.00447	.00059	.00001	.00001	.092	.00006
%RSD	22.939	263.60	.18181	.33420	6.7596	.30519	252.81
#1	.00973	-.00146	.32139	.00326	.00017	29.969	.00006
#2	.01350	.00485	.32221	.00324	.00019	30.099	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	.00009	.00081	.08494	.68817	21.740	.26219
SDev	.00003	.00019	.00055	.00091	.02555	.023	.00001
%RSD	37.797	207.64	68.080	1.0699	3.7123	.10663	.00396
#1	-.00006	-.00004	.00042	.08558	.70624	21.724	.26220
#2	-.00011	.00023	.00120	.08430	.67011	21.756	.26219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	156.07	.00068	-.00225	.00095	-.00012	.00198
SDev	.00014	.10	.00091	.00827	.00248	.00110	.00353
%RSD	9.8010	.06656	133.62	367.63	260.47	956.52	178.81
#1	.00128	155.99	.00004	.00360	-.00080	.00066	-.00052
#2	.00147	156.14	.00132	-.00810	.00270	-.00090	.00447
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00340	.00544	.00024	.00053	-.00162	.00009	.00073
SDev	.00417	.00179	.00619	.00007	.00600	.00033	.00011
%RSD	122.76	32.909	2529.7	13.363	370.18	357.03	14.379
#1	-.00045	.00670	-.00414	.00058	.00262	-.00014	.00066
#2	-.00635	.00417	.00463	.00048	-.00586	.00033	.00080
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00169	-.00071
SDev	.00158	.00013
%RSD	93.785	18.230
#1	-.00281	-.00062
#2	-.00057	-.00080
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3885	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1501549	--	--	--	--	--	--
#1	3889	--	--	--	--	--	--
#2	3881	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855427/(1:20) Operator: AH
Run Time: 10/01/08 13:52:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.00125	.37521	.00321	.00019	39.686	.00010
SDev	.00018	.00174	.00028	.00002	.00001	.105	.00003
%RSD	9.1963	140.05	.07402	.63661	6.4219	.26402	33.259
#1	.00188	.00001	.37502	.00323	.00018	39.612	.00012
#2	.00214	.00248	.37541	.00320	.00019	39.760	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00033	.00113	-.00982	1.2765	20.808	.17892
SDev	.00036	.00010	.00011	.00514	.0067	.038	.00023
%RSD	99.576	31.061	10.023	52.383	.52703	.18443	.12909
#1	.00011	.00026	.00121	-.01345	1.2812	20.781	.17876
#2	.00062	.00040	.00105	-.00618	1.2717	20.835	.17908
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	220.68	.00067	-.00388	.00159	-.00023	.00646
SDev	.00062	.71	.00007	.00000	.00040	.00027	.00398
%RSD	102.03	.32192	10.678	.02868	25.301	114.86	61.614
#1	.00017	220.17	.00072	-.00388	.00187	-.00004	.00365
#2	.00104	221.18	.00062	-.00388	.00130	-.00042	.00928
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.00957	.00491	.00020	-.00012	.00000	.00022
SDev	.00211	.00615	.00290	.00003	.00277	.00046	.00000
%RSD	143.78	64.271	59.027	14.544	2241.1	77834.	.23373
#1	-.00002	.00522	.00286	.00018	-.00208	-.00033	.00022
#2	.00296	.01391	.00696	.00022	.00183	.00033	.00022
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00229	-.00024
SDev	.00224	.00054
%RSD	97.852	228.76
#1	-.00070	-.00062
#2	-.00387	.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3869	--	--	--	--	--	--
SDev	8.750446	--	--	--	--	--	--
%RSD	.2261689	--	--	--	--	--	--
#1	3875	--	--	--	--	--	--
#2	3863	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855039 Operator: AH
Run Time: 10/01/08 13:57:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.91200	.00592	.08417	.09486	.00022	122.26	.00003
SDev	.00008	.00084	.00053	.00028	.00001	.39	.00000
%RSD	.00879	14.149	.63015	.29086	2.1994	.31914	14.945
#1	.91194	.00651	.08454	.09467	.00022	121.98	.00003
#2	.91205	.00533	.08379	.09506	.00022	122.53	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00588	.00357	1.6536	3.1390	38.694	.30499
SDev	.00025	.00027	.00090	.0006	.0251	.012	.00004
%RSD	34.571	4.5181	25.283	.03619	.79850	.03049	.01394
#1	.00054	.00569	.00421	1.6540	3.1567	38.685	.30496
#2	.00088	.00607	.00294	1.6532	3.1213	38.702	.30502
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00492	366.42	.00579	.00233	.00806	.00615	.00712
SDev	.00102	.90	.00066	.00206	.00020	.00055	.00388
%RSD	20.652	.24661	11.360	88.468	2.5252	8.9709	54.498
#1	.00420	365.78	.00625	.00087	.00820	.00576	.00987
#2	.00564	367.06	.00532	.00379	.00792	.00654	.00438
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00244	.00948	.00595	.01981	-.00220	.00210	.05449
SDev	.00632	.00356	.00404	.00073	.00036	.00053	.00006
%RSD	259.27	37.508	68.040	3.6818	16.278	25.096	.11834
#1	-.00691	.01199	.00881	.02033	-.00245	.00247	.05444
#2	.00203	.00696	.00308	.01930	-.00195	.00173	.05453
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00158	-.00109
SDev	.00229	.00026
%RSD	144.63	23.715
#1	-.00320	-.00127
#2	.00004	-.00091
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3829	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.3116137	--	--	--	--	--	--
#1	3838	--	--	--	--	--	--
#2	3821	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855040 Operator: AH
Run Time: 10/01/08 14:03:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03706	.00244	.43440	.04558	.00020	174.69	.00050
SDev	.00178	.00215	.00103	.00002	.00001	.13	.00013
%RSD	4.7954	87.746	.23706	.03263	5.8519	.07675	26.000
#1	.03580	.00396	.43513	.04559	.00021	174.78	.00041
#2	.03832	.00093	.43368	.04557	.00019	174.60	.00059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.00303	.00535	.06942	.42929	70.200	.65992
SDev	.00024	.00063	.00042	.00977	.03406	.161	.00145
%RSD	10.194	20.788	7.8709	14.078	7.9344	.22969	.21899
#1	.00220	.00258	.00505	.06251	.45337	70.314	.66094
#2	.00254	.00347	.00565	.07633	.40520	70.086	.65890
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01622	95.379	.00671	-.00303	.00098	-.00035	.00541
SDev	.00093	.076	.00056	.00354	.00215	.00025	.00189
%RSD	5.7330	.08007	8.2758	116.80	218.18	71.713	34.878
#1	.01688	95.433	.00632	-.00053	-.00053	-.00053	.00408
#2	.01556	95.325	.00710	-.00554	.00250	-.00017	.00675
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00527	.00548	.00076	.00069	.00118	.11857
SDev	.00460	.00237	.00165	.00012	.00004	.00000	.00059
%RSD	1162.8	44.949	30.041	15.107	5.8322	.12842	.49764
#1	.00365	.00359	.00432	.00084	.00071	.00118	.11899
#2	-.00286	.00694	.00665	.00068	.00066	.00118	.11815
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00340	-.00009
SDev	.00375	.00037
%RSD	110.27	425.65
#1	-.00075	-.00035
#2	-.00606	.00018
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3876	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0588435	--	--	--	--	--	--
#1	3874	--	--	--	--	--	--
#2	3877	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855041 Operator: AH
Run Time: 10/01/08 14:08:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02149	.00750	.32127	.05449	.00019	156.85	.00011
SDev	.00251	.00245	.00093	.00020	.00000	.48	.00013
%RSD	11.697	32.640	.29073	.36576	.28995	.30578	117.45
#1	.02327	.00924	.32193	.05463	.00019	157.19	.00021
#2	.01971	.00577	.32061	.05435	.00019	156.51	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00285	.00147	.00150	2.1495	3.3692	65.714	.43222
SDev	.00037	.00032	.00036	.0100	.0238	.167	.00049
%RSD	12.964	21.748	23.675	.46490	.70649	.25398	.11304
#1	.00311	.00170	.00175	2.1565	3.3860	65.832	.43257
#2	.00258	.00125	.00125	2.1424	3.3523	65.596	.43188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01582	160.94	.00426	-.00395	.00106	-.00061	.00625
SDev	.00016	.43	.00020	.00034	.00113	.00064	.00083
%RSD	1.0078	.26563	4.6746	8.5517	106.11	105.53	13.307
#1	.01571	161.24	.00441	-.00371	.00027	-.00106	.00566
#2	.01594	160.63	.00412	-.00419	.00186	-.00015	.00684
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.01219	.00328	.00045	-.00011	.00045	.05973
SDev	.00034	.00527	.00388	.00025	.00005	.00007	.00007
%RSD	21.028	43.244	118.38	55.116	45.288	14.994	.12561
#1	.00183	.01591	.00053	.00062	-.00014	.00050	.05968
#2	.00136	.00846	.00602	.00027	-.00007	.00040	.05979
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00265	-.00047
SDev	.00240	.00059
%RSD	90.539	125.41
#1	-.00095	-.00005
#2	-.00434	-.00088
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3861	--	--	--	--	--	--
SDev	8.644449	--	--	--	--	--	--
%RSD	.2239197	--	--	--	--	--	--
#1	3854	--	--	--	--	--	--
#2	3867	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855042 Operator: AH
Run Time: 10/01/08 14:14:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17197	.00012	.10636	.09521	.00051	H917.36	.00009
SDev	.00102	.00185	.00004	.00006	.00000	1.96	.00012
%RSD	.59483	1499.1	.03790	.05758	.24947	.21330	122.97
#1	.17125	-.00118	.10638	.09517	.00051	H915.98	.00001
#2	.17270	.00143	.10633	.09525	.00051	H918.75	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.01208	.00210	.37335	10.903	88.329	.20038
SDev	.00032	.00038	.00116	.00821	.041	.015	.00003
%RSD	36.465	3.1123	55.350	2.1992	.37573	.01644	.01735
#1	.00064	.01182	.00128	.36755	10.932	88.319	.20035
#2	.00108	.01235	.00292	.37916	10.874	88.339	.20040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00138	260.52	.01478	-.00305	.00213	.00041	-.00092
SDev	.00030	.34	.00049	.00268	.00075	.00039	.00344
%RSD	21.451	.12864	3.3197	87.806	35.234	96.171	373.69
#1	.00158	260.28	.01444	-.00116	.00160	.00068	-.00335
#2	.00117	260.75	.01513	-.00494	.00266	.00013	.00151
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	-.00221	-.00027	.00377	.00227	.00058	.00850
SDev	.00294	.00366	.00332	.00058	.00178	.00034	.00021
%RSD	440.08	165.30	1218.3	15.481	78.631	59.299	2.5109
#1	-.00141	-.00480	-.00262	.00336	.00353	.00034	.00865
#2	.00275	.00037	.00208	.00419	.00101	.00082	.00834
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00140	-.00021
SDev	.00025	.00005
%RSD	17.837	22.678
#1	-.00158	-.00018
#2	-.00123	-.00025
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3722	--	--	--	--	--	--
SDev	1.484821	--	--	--	--	--	--
%RSD	.0398904	--	--	--	--	--	--
#1	3723	--	--	--	--	--	--
#2	3721	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 02:26:12 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 14:20:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.307	.48836	.49429	.49888	.50533	25.341	.49908
SDev	.034	.00170	.00009	.00020	.00025	.006	.00017
%RSD	.13409	.34798	.01823	.04010	.05025	.02411	.03436
#1	25.331	.48956	.49423	.49902	.50551	25.346	.49896
#2	25.283	.48716	.49435	.49874	.50515	25.337	.49920
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49355	.51862	.49039	25.150	25.198	25.409	.50755
SDev	.00064	.00099	.00078	.027	.105	.012	.00090
%RSD	.13031	.19101	.15939	.10561	.41486	.04753	.17689
#1	.49400	.51932	.49094	25.169	25.272	25.418	.50819
#2	.49309	.51792	.48984	25.131	25.124	25.401	.50692
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49994	24.661	.50517	.51060	.50148	.50452	.49919
SDev	.00294	.057	.00030	.00028	.00208	.00130	.00642
%RSD	.58848	.23137	.06029	.05410	.41551	.25724	1.2853
#1	.49786	24.621	.50496	.51041	.50295	.50543	.50372
#2	.50203	24.702	.50539	.51080	.50000	.50360	.49465
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51141	.51110	.49324	.51826	.50336	.49053	.50725
SDev	.00017	.00760	.00582	.00059	.00412	.00022	.00129
%RSD	.03266	1.4870	1.1807	.11301	.81841	.04396	.25536
#1	.51153	.51647	.49736	.51785	.50627	.49068	.50633
#2	.51129	.50572	.48912	.51868	.50045	.49038	.50816
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51898	.50777
SDev	.00264	.00029
%RSD	.50918	.05665
#1	.51711	.50797
#2	.52085	.50757
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3916	--	--	--	--	--	--
SDev	7.477792	--	--	--	--	--	--
%RSD	.1909323	--	--	--	--	--	--
#1	3911	--	--	--	--	--	--
#2	3922	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 02:31:36 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 14:26:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02655	.00171	.00021	.00016	.00026	.03430	.00017
SDev	.00391	.00439	.00013	.00005	.00001	.00175	.00017
%RSD	14.710	257.24	60.304	31.338	2.8880	5.1118	100.58
#1	.02932	-.00140	.00030	.00013	.00027	.03554	.00029
#2	.02379	.00481	.00012	.00020	.00026	.03306	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00026	.00064	.00116	.01417	-.00531	.03121	.00009
SDev	.00075	.00023	.00001	.01432	.01829	.00138	.00013
%RSD	282.55	36.452	.54717	101.06	344.25	4.4179	138.56
#1	.00079	.00080	.00117	.02430	.00762	.03218	.00018
#2	-.00026	.00047	.00116	.00404	-.01825	.03023	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	-.06013	.00007	-.00322	.00095	-.00044	.00439
SDev	.00055	.03203	.00032	.00472	.00320	.00056	.00404
%RSD	88.939	53.267	424.03	146.53	337.83	126.85	92.147
#1	.00100	-.08278	.00030	-.00656	.00321	-.00005	.00725
#2	.00023	-.03748	-.00015	.00012	-.00131	-.00084	.00153
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	.00235	.00541	.00019	.00023	.00065	.00014
SDev	.00036	.00328	.00443	.00014	.00437	.00033	.00031
%RSD	72.803	139.52	81.854	74.545	1911.2	50.763	219.44
#1	-.00024	.00467	.00854	.00009	.00332	.00088	.00036
#2	-.00074	.00003	.00228	.00028	-.00286	.00041	-.00008
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00156	.00002
SDev	.00044	.00036
%RSD	28.404	2221.1
#1	-.00125	.00027
#2	-.00188	-.00024
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3917	--	--	--	--	--	--
SDev	6.417132	--	--	--	--	--	--
%RSD	.1638188	--	--	--	--	--	--
#1	3913	--	--	--	--	--	--
#2	3922	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855043 Operator: AH
Run Time: 10/01/08 14:31:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09787	-.00139	.12681	.17740	.00037	543.93	.00013
SDev	.00041	.00068	.00079	.00014	.00000	.27	.00007
%RSD	.42226	48.850	.62473	.07676	1.0832	.05052	56.058
#1	.09816	-.00091	.12737	.17730	.00037	543.73	.00008
#2	.09757	-.00186	.12625	.17749	.00036	544.12	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00384	.01568	.00257	.55849	6.2253	53.772	.39508
SDev	.00025	.00012	.00023	.00194	.0173	.028	.00005
%RSD	6.4634	.76734	8.8559	.34736	.27812	.05196	.01284
#1	.00402	.01560	.00273	.55986	6.2376	53.791	.39511
#2	.00367	.01577	.00241	.55712	6.2131	53.752	.39504
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00361	311.84	.08368	-.00122	.00087	.00017	.00137
SDev	.00085	.06	.00066	.00472	.00063	.00115	.00383
%RSD	23.677	.01792	.78759	386.30	72.172	663.42	278.95
#1	.00421	311.88	.08415	-.00456	.00132	-.00064	-.00134
#2	.00300	311.80	.08322	.00212	.00043	.00099	.00408
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00550	-.00069	.00217	.00180	.00067	.01459
SDev	.00501	.00098	.00526	.00020	.00182	.00048	.00021
%RSD	1293.3	17.922	764.47	9.3158	100.88	71.362	1.4331
#1	-.00315	.00480	-.00440	.00203	.00052	.00100	.01474
#2	.00393	.00619	.00303	.00232	.00309	.00033	.01444
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00034	-.00021
SDev	.00036	.00054
%RSD	106.77	259.70
#1	-.00008	-.00059
#2	-.00060	.00017
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3768	--	--	--	--	--	--
SDev	1.219656	--	--	--	--	--	--
%RSD	.0323672	--	--	--	--	--	--
#1	3769	--	--	--	--	--	--
#2	3767	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855044 Operator: AH
Run Time: 10/01/08 14:37:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02003	.00533	.07684	.15772	.00029	313.41	.00006
SDev	.00057	.00137	.00092	.00045	.00002	1.79	.00014
%RSD	2.8475	25.780	1.1965	.28766	7.0398	.56985	249.29
#1	.02043	.00630	.07619	.15740	.00028	312.15	-.00004
#2	.01963	.00436	.07749	.15804	.00031	314.68	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.01083	.00179	3.8552	5.2540	65.057	.37383
SDev	.00001	.00028	.00019	.0242	.0006	.320	.00157
%RSD	.32571	2.6328	10.634	.62665	.01165	.49225	.42003
#1	.00209	.01063	.00166	3.8382	5.2544	64.831	.37272
#2	.00210	.01104	.00193	3.8723	5.2536	65.284	.37494
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00367	H603.73	.01501	-.00198	.00154	.00036	.00158
SDev	.00023	2.41	.00008	.00059	.00088	.00078	.00284
%RSD	6.2205	.39983	.51007	29.959	57.137	214.83	179.70
#1	.00351	H602.03	.01495	-.00240	.00091	-.00019	-.00043
#2	.00384	H605.44	.01506	-.00156	.00216	.00092	.00359
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00287	.00094	.00049	.00421	.00058	.04362
SDev	.00349	.00368	.00243	.00030	.00548	.00055	.00011
%RSD	32691.	128.49	257.69	60.775	130.05	95.540	.24138
#1	-.00248	.00026	-.00077	.00070	.00034	.00019	.04355
#2	.00246	.00547	.00266	.00028	.00809	.00097	.04369
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00075	-.00033
SDev	.00040	.00006
%RSD	53.193	18.591
#1	-.00104	-.00037
#2	-.00047	-.00028
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3738	--	--	--	--	--	--
SDev	18.24339	--	--	--	--	--	--
%RSD	.4881109	--	--	--	--	--	--
#1	3750	--	--	--	--	--	--
#2	3725	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855045 Operator: AH
Run Time: 10/01/08 14:42:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02485	.00153	.06406	.12887	.00014	271.96	.00020
SDev	.00092	.00060	.00647	.00955	.00021	21.33	.00002
%RSD	3.6885	39.331	10.097	7.4109	149.98	7.8427	11.851
#1	.02420	.00195	.05948	.12212	-.00001	256.88	.00022
#2	.02550	.00110	.06863	.13563	.00030	287.04	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00092	.00124	1.0204	8.8198	55.976	.39464
SDev	.00005	.00007	.00023	.0882	.7149	4.841	.03438
%RSD	7.4633	7.3553	18.130	8.6488	8.1053	8.6491	8.7128
#1	.00065	.00087	.00140	.95796	8.3144	52.553	.37033
#2	.00072	.00097	.00109	1.0828	9.3253	59.400	.41895
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	H482.17	.00248	.00083	.00362	.00269	.00532
SDev	.00005	33.40	.00024	.00083	.00027	.00009	.00299
%RSD	1.1805	6.9262	9.5547	100.12	7.5094	3.5093	56.300
#1	.00461	H458.55	.00265	.00141	.00343	.00276	.00743
#2	.00454	H505.78	.00231	.00024	.00381	.00262	.00320
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	.00742	.00426	.00072	-.00188	.00003	.04341
SDev	.00227	.00091	.00494	.00005	.00402	.00012	.00387
%RSD	144.77	12.225	115.92	6.4037	214.45	455.93	8.9145
#1	.00318	.00678	.00776	.00069	.00097	.00011	.04067
#2	-.00004	.00806	.00077	.00075	-.00472	-.00006	.04614
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00297	-.00063
SDev	.00009	.00035
%RSD	3.0810	55.458
#1	-.00291	-.00038
#2	-.00304	-.00088
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3985	--	--	--	--	--	--
SDev	280.4384	--	--	--	--	--	--
%RSD	7.037262	--	--	--	--	--	--
#1	4183	--	--	--	--	--	--
#2	3787	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855046 Operator: AH
Run Time: 10/01/08 15:12:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42962	.00051	.14276	.04112	.00026	174.15	.00022
SDev	.00068	.00098	.00103	.00020	.00002	.44	.00017
%RSD	.15846	190.01	.72155	.48133	7.1338	.25466	80.328
#1	.42913	-.00018	.14349	.04126	.00027	174.47	.00034
#2	.43010	.00120	.14203	.04098	.00025	173.84	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.06981	.00683	1.1543	.56667	30.343	.02904
SDev	.00028	.00025	.00014	.0104	.02657	.086	.00006
%RSD	25.556	.36094	2.0086	.90300	4.6892	.28402	.22386
#1	.00127	.06998	.00673	1.1616	.58546	30.404	.02908
#2	.00088	.06963	.00692	1.1469	.54788	30.282	.02899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00726	53.862	.01905	.00092	.00115	.00107	.00458
SDev	.00027	.001	.00056	.00173	.00130	.00029	.00435
%RSD	3.6609	.00179	2.9557	187.20	113.15	26.980	95.073
#1	.00745	53.861	.01945	-.00030	.00206	.00128	.00150
#2	.00707	53.862	.01866	.00215	.00023	.00087	.00765
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	.00635	.00369	.00799	.00690	.00191	.01612
SDev	.00533	.00168	.00569	.00026	.00214	.00014	.00036
%RSD	1617.0	26.464	154.03	3.2893	31.018	7.2292	2.2237
#1	.00410	.00516	-.00033	.00817	.00841	.00201	.01637
#2	-.00344	.00753	.00771	.00780	.00539	.00182	.01586
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00020	.00040
SDev	.00146	.00050
%RSD	736.46	124.93
#1	.00083	.00075
#2	-.00123	.00005
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3849	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.2728245	--	--	--	--	--	--
#1	3841	--	--	--	--	--	--
#2	3856	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855047 Operator: AH
Run Time: 10/01/08 15:18:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43902	.00016	.09979	.12487	.00036	472.72	.00001
SDev	.00154	.00175	.00063	.00025	.00001	.27	.00006
%RSD	.35075	1119.0	.63220	.20346	2.7108	.05811	396.93
#1	.44011	-.00108	.10024	.12505	.00035	472.92	.00005
#2	.43793	.00139	.09935	.12469	.00037	472.53	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.01786	.00309	3.1891	4.6813	55.983	.58872
SDev	.00025	.00012	.00003	.0135	.0315	.084	.00072
%RSD	49.190	.66611	.95060	.42475	.67318	.14921	.12200
#1	.00068	.01778	.00307	3.1987	4.7036	56.043	.58923
#2	.00033	.01794	.00311	3.1795	4.6590	55.924	.58821
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	311.93	.01323	-.00030	.00177	.00108	.00597
SDev	.00094	.22	.00040	.00374	.00053	.00160	.00317
%RSD	62.853	.06952	3.0449	1233.1	29.743	147.99	53.059
#1	.00216	311.78	.01295	-.00295	.00140	-.00005	.00822
#2	.00083	312.09	.01352	.00234	.00214	.00221	.00373
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00861	.00466	.00292	.00134	.00086	.00897
SDev	.00512	.00663	.00144	.00012	.00287	.00027	.00001
%RSD	3439.8	76.980	30.955	4.1013	213.62	31.294	.14344
#1	-.00377	.01329	.00568	.00283	-.00069	.00106	.00896
#2	.00347	.00392	.00364	.00300	.00337	.00067	.00898
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00298	-.00026
SDev	.00163	.00044
%RSD	54.554	171.73
#1	-.00414	-.00057
#2	-.00183	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3775	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.1404746	--	--	--	--	--	--
#1	3779	--	--	--	--	--	--
#2	3772	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855048 Operator: AH
Run Time: 10/01/08 15:23:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13504	.00093	.08484	.05202	.00036	501.80	-.00005
SDev	.00172	.00080	.00117	.00038	.00001	2.92	.00009
%RSD	1.2720	85.681	1.3781	.73146	2.6591	.58194	204.74
#1	.13382	.00037	.08566	.05229	.00036	503.86	.00002
#2	.13625	.00149	.08401	.05176	.00035	499.73	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.01291	.00436	1.4002	3.1457	83.393	.42121
SDev	.00053	.00021	.00041	.0116	.0401	.225	.00058
%RSD	116.15	1.6613	9.4328	.82608	1.2748	.26952	.13842
#1	.00083	.01276	.00407	1.4084	3.1740	83.552	.42162
#2	.00008	.01306	.00465	1.3920	3.1173	83.235	.42079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	238.35	.02401	-.00074	.00165	.00085	.00134
SDev	.00049	1.92	.00041	.00212	.00227	.00081	.00228
%RSD	19.602	.80667	1.6987	286.29	137.29	94.226	169.59
#1	.00283	239.71	.02372	.00076	.00005	.00029	.00295
#2	.00214	236.99	.02430	-.00224	.00325	.00142	-.00027
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00166	.00465	-.00031	.00197	.00230	-.00011	.01142
SDev	.00132	.01156	.00236	.00057	.00068	.00061	.00004
%RSD	79.623	248.66	762.73	28.994	29.444	537.36	.37421
#1	.00073	.01282	-.00198	.00157	.00278	.00032	.01145
#2	.00260	-.00352	.00136	.00238	.00182	-.00055	.01139
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00226	-.00016
SDev	.00236	.00034
%RSD	104.23	204.96
#1	-.00059	.00007
#2	-.00393	-.00040
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3767	--	--	--	--	--	--
SDev	14.00075	--	--	--	--	--	--
%RSD	.3716437	--	--	--	--	--	--
#1	3757	--	--	--	--	--	--
#2	3777	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855049 Operator: AH
Run Time: 10/01/08 15:29:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06766	.00190	.07875	.10408	.00027	262.58	-.00003
SDev	.00104	.00145	.00003	.00038	.00001	.50	.00006
%RSD	1.5349	76.420	.03247	.36843	4.4742	.19107	166.59
#1	.06839	.00293	.07873	.10435	.00028	262.94	.00001
#2	.06693	.00087	.07876	.10381	.00026	262.23	-.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00159	.01084	.00225	1.0558	4.5957	46.112	.11815
SDev	.00003	.00040	.00001	.0087	.0219	.042	.00021
%RSD	1.8191	3.7241	.43938	.82690	.47743	.09148	.18188
#1	.00157	.01113	.00224	1.0620	4.6112	46.142	.11831
#2	.00161	.01056	.00225	1.0496	4.5802	46.083	.11800
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00479	H579.81	.01106	-.00099	.00199	.00100	.00375
SDev	.00033	1.59	.00021	.00259	.00111	.00013	.00014
%RSD	6.8224	.27399	1.9023	261.68	55.648	12.538	3.7350
#1	.00456	H580.94	.01091	-.00282	.00277	.00091	.00385
#2	.00502	H578.69	.01121	.00084	.00121	.00108	.00365
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00903	.00112	.00144	.00407	.00023	.08655
SDev	.00875	.00172	.00107	.00047	.00367	.00055	.00008
%RSD	5549.2	19.058	95.818	32.575	90.252	237.18	.09531
#1	.00634	.00781	.00187	.00111	.00147	.00062	.08661
#2	-.00603	.01024	.00036	.00177	.00667	-.00016	.08650
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00004	-.00036
SDev	.00217	.00030
%RSD	5186.0	83.851
#1	-.00158	-.00058
#2	.00150	-.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3741	--	--	--	--	--	--
SDev	8.220117	--	--	--	--	--	--
%RSD	.2197106	--	--	--	--	--	--
#1	3736	--	--	--	--	--	--
#2	3747	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855050 Operator: AH
Run Time: 10/01/08 15:34:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57433	.00264	.03551	.04986	.00021	116.53	.00011
SDev	.00344	.00076	.00094	.00009	.00001	.05	.00006
%RSD	.59811	28.931	2.6628	.18236	2.3012	.04222	53.287
#1	.57676	.00318	.03484	.04980	.00021	116.50	.00016
#2	.57190	.00210	.03617	.04993	.00022	116.57	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.01064	.00401	.77678	3.6200	32.357	.02057
SDev	.00031	.00006	.00030	.00411	.0155	.050	.00006
%RSD	33.942	.56039	7.5402	.52855	.42752	.15408	.28988
#1	.00069	.01060	.00422	.77968	3.6090	32.322	.02052
#2	.00112	.01069	.00379	.77388	3.6309	32.392	.02061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00300	168.57	.02196	-.00007	.00659	.00437	.00703
SDev	.00060	.18	.00044	.00365	.00156	.00017	.00429
%RSD	19.995	.10823	2.0193	4942.1	23.753	3.9021	61.082
#1	.00258	168.44	.02227	-.00265	.00769	.00425	.01007
#2	.00343	168.70	.02164	.00250	.00548	.00449	.00399
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00124	.00820	.00645	.01251	-.00090	.00173	.06180
SDev	.00018	.00755	.00266	.00035	.00132	.00000	.00015
%RSD	14.686	92.124	41.338	2.7878	146.87	.11231	.24591
#1	-.00137	.01354	.00833	.01276	-.00184	.00173	.06170
#2	-.00111	.00286	.00456	.01227	.00003	.00173	.06191
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00215	-.00055
SDev	.00533	.00019
%RSD	247.39	34.149
#1	-.00592	-.00069
#2	.00161	-.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3837	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.0760144	--	--	--	--	--	--
#1	3839	--	--	--	--	--	--
#2	3835	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855051 Operator: AH
Run Time: 10/01/08 15:39:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23723	.00113	.07851	.01566	.00039	525.20	.00024
SDev	.00142	.00116	.00170	.00007	.00001	.46	.00007
%RSD	.59790	102.63	2.1603	.43957	1.2628	.08756	30.816
#1	.23622	.00195	.07971	.01571	.00039	524.88	.00029
#2	.23823	.00031	.07731	.01561	.00038	525.53	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01492	.11675	.00441	.74411	4.2081	65.520	.26295
SDev	.00015	.00005	.00028	.00442	.0034	.062	.00005
%RSD	.99150	.04001	6.3046	.59410	.08072	.09402	.01925
#1	.01502	.11678	.00460	.74724	4.2057	65.476	.26299
#2	.01481	.11672	.00421	.74099	4.2105	65.563	.26292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04110	282.35	1.3697	-.00187	-.00054	-.00098	.00412
SDev	.00018	.13	.0033	.00323	.00009	.00102	.00576
%RSD	.42813	.04577	.23978	172.82	16.848	103.09	139.70
#1	.04098	282.44	1.3674	-.00415	-.00048	-.00170	.00005
#2	.04123	282.25	1.3721	.00042	-.00061	-.00027	.00820
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00094	.00177	.00530	.00719	.00140	.00064	.06642
SDev	.00220	.00850	.00439	.00071	.00015	.00027	.00060
%RSD	233.05	479.53	82.828	9.8233	10.762	42.663	.90615
#1	-.00250	-.00424	.00219	.00669	.00151	.00084	.06600
#2	.00061	.00779	.00840	.00768	.00130	.00045	.06685
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00326	-.00055
SDev	.00235	.00035
%RSD	72.029	64.081
#1	-.00160	-.00079
#2	-.00493	-.00030
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3769	--	--	--	--	--	--
SDev	14.37208	--	--	--	--	--	--
%RSD	.3812767	--	--	--	--	--	--
#1	3759	--	--	--	--	--	--
#2	3780	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855052 Operator: AH
Run Time: 10/01/08 15:45:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04555	-.00042	.07038	.05166	.00022	99.903	.00052
SDev	.00411	.00169	.00124	.00015	.00001	.222	.00000
%RSD	9.0348	405.16	1.7674	.29551	3.9267	.22248	.31337
#1	.04264	-.00161	.07126	.05176	.00021	100.06	.00052
#2	.04846	.00078	.06950	.05155	.00023	99.746	.00052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.00081	.00187	.13748	1.2590	24.378	.20946
SDev	.00006	.00036	.00053	.00264	.0142	.022	.00028
%RSD	4.9995	44.200	28.333	1.9166	1.1277	.09047	.13319
#1	.00125	.00056	.00149	.13562	1.2690	24.393	.20966
#2	.00117	.00106	.00224	.13935	1.2490	24.362	.20926
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00326	95.724	.00217	.00966	.00896	.00919	.00404
SDev	.00063	.072	.00025	.00036	.00097	.00077	.00082
%RSD	19.458	.07525	11.403	3.7110	10.875	8.3690	20.335
#1	.00370	95.775	.00199	.00940	.00827	.00865	.00346
#2	.00281	95.673	.00234	.00991	.00965	.00974	.00462
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.00895	.00158	.00050	-.00133	.00023	.20636
SDev	.00159	.00262	.00254	.00022	.00540	.00040	.00008
%RSD	81.573	29.290	160.97	44.013	406.55	169.69	.03973
#1	.00083	.01081	-.00022	.00034	.00249	-.00005	.20631
#2	.00308	.00710	.00338	.00065	-.00515	.00051	.20642
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00236	.00029
SDev	.00318	.00053
%RSD	134.66	184.80
#1	-.00461	-.00009
#2	-.00011	.00066
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3872	--	--	--	--	--	--
SDev	1.537992	--	--	--	--	--	--
%RSD	.0397195	--	--	--	--	--	--
#1	3873	--	--	--	--	--	--
#2	3871	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 03:57:30 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 15:52:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.453	.48710	.49388	.50294	.50729	25.519	.50020
SDev	.387	.00796	.00146	.00593	.00629	.450	.00352
%RSD	1.5217	1.6350	.29643	1.1790	1.2393	1.7631	.70339
#1	25.179	.48147	.49491	.49874	.50285	25.201	.49771
#2	25.727	.49274	.49284	.50713	.51174	25.837	.50269
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48975	.51639	.48769	25.130	25.236	25.406	.50952
SDev	.00265	.00317	.00065	.054	.027	.098	.00247
%RSD	.54197	.61478	.13338	.21476	.10639	.38497	.48428
#1	.49162	.51863	.48815	25.092	25.217	25.337	.50778
#2	.48787	.51414	.48723	25.168	25.255	25.475	.51127
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49903	24.755	.50320	.47965	.48823	.48537	.47902
SDev	.00441	.320	.00155	.03378	.01582	.02180	.02893
%RSD	.88357	1.2935	.30878	7.0433	3.2406	4.4919	6.0392
#1	.49591	24.529	.50210	.50354	.49942	.50079	.49948
#2	.50215	24.982	.50430	.45576	.47705	.46996	.45857
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50030	.46777	.48466	.52083	.50273	.48684	.50917
SDev	.00483	.05997	.01341	.00672	.01132	.00404	.00594
%RSD	.96441	12.820	2.7671	1.2907	2.2518	.82969	1.1669
#1	.50371	.51017	.49414	.51608	.49473	.48970	.50497
#2	.49689	.42536	.47518	.52558	.51074	.48398	.51337
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52597	.50846
SDev	.00390	.00138
%RSD	.74186	.27211
#1	.52321	.50748
#2	.52873	.50943
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3857	--	--	--	--	--	--
SDev	53.66933	--	--	--	--	--	--
%RSD	1.391578	--	--	--	--	--	--
#1	3895	--	--	--	--	--	--
#2	3819	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 04:02:54 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 15:57:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02900	-.00008	-.00005	.00009	.00030	.03982	.00008
SDev	.00064	.00012	.00052	.00003	.00000	.00084	.00015
%RSD	2.2186	145.46	1120.1	29.793	1.3577	2.1113	173.43
#1	.02946	-.00017	.00032	.00007	.00030	.04041	.00019
#2	.02855	.00000	-.00041	.00011	.00029	.03922	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00061	.00153	.01575	.00483	.03109	.00015
SDev	.00003	.00010	.00003	.00518	.01029	.00137	.00000
%RSD	4.6259	16.607	1.6813	32.871	213.26	4.4191	.23780
#1	.00066	.00054	.00155	.01941	.01210	.03207	.00015
#2	.00062	.00068	.00152	.01209	-.00245	.03012	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	-.09403	.00018	-.00234	.00290	.00115	.00613
SDev	.00022	.22894	.00047	.00071	.00051	.00011	.00141
%RSD	36.995	243.48	261.59	30.376	17.744	9.2244	23.050
#1	.00043	-.25592	.00051	-.00284	.00326	.00123	.00513
#2	.00074	.06786	-.00015	-.00184	.00253	.00108	.00712
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	.01096	.00371	.00025	.00315	.00070	.00044
SDev	.00288	.00000	.00212	.00022	.00404	.00026	.00011
%RSD	347.01	.02622	57.112	87.850	128.28	37.822	23.964
#1	.00121	.01096	.00221	.00041	.00601	.00089	.00051
#2	-.00287	.01095	.00521	.00010	.00029	.00051	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00240	.00043
SDev	.00136	.00053
%RSD	56.979	121.64
#1	-.00336	.00081
#2	-.00143	.00006
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3878	--	--	--	--	--	--
SDev	4.932139	--	--	--	--	--	--
%RSD	.1271879	--	--	--	--	--	--
#1	3874	--	--	--	--	--	--
#2	3881	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855053 Operator: AH
Run Time: 10/01/08 16:02:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26643	.00105	.07494	.13660	.00023	116.48	.00115
SDev	.00103	.00047	.00132	.00000	.00000	.01	.00016
%RSD	.38624	45.193	1.7589	.00038	.06011	.00535	13.980
#1	.26715	.00138	.07400	.13660	.00023	116.48	.00104
#2	.26570	.00071	.07587	.13659	.00023	116.47	.00127
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00208	.02667	.00397	.59588	1.8150	79.116	.30682
SDev	.00003	.00028	.00039	.01283	.0129	.033	.00021
%RSD	1.3787	1.0419	9.8696	2.1533	.71061	.04202	.06762
#1	.00210	.02647	.00369	.58681	1.8241	79.140	.30696
#2	.00206	.02687	.00424	.60495	1.8059	79.093	.30667
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00751	H715.09	.21860	-.00396	.00276	.00052	.00212
SDev	.00015	.15	.00015	.00253	.00292	.00111	.00082
%RSD	1.9270	.02106	.06618	63.727	105.61	211.37	38.606
#1	.00761	H714.98	.21850	-.00218	.00070	-.00026	.00154
#2	.00741	H715.19	.21870	-.00575	.00482	.00130	.00269
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00083	-.00271	.00453	.00559	.00133	.00058	.03178
SDev	.00347	.00464	.00110	.00047	.00466	.00007	.00005
%RSD	417.63	171.52	24.216	8.4755	350.19	11.704	.16833
#1	-.00329	-.00599	.00530	.00592	.00462	.00063	.03174
#2	.00162	.00058	.00375	.00525	-.00196	.00053	.03181
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00071	-.00087
SDev	.00097	.00058
%RSD	137.30	67.041
#1	-.00139	-.00128
#2	-.00002	-.00046
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3722	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.1681503	--	--	--	--	--	--
#1	3726	--	--	--	--	--	--
#2	3717	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855054 Operator: AH
Run Time: 10/01/08 16:08:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05148	.01308	.03733	.05931	.00022	156.76	.00001
SDev	.00230	.00060	.00087	.00032	.00002	.90	.00005
%RSD	4.4621	4.6034	2.3397	.53532	10.969	.57556	484.00
#1	.05311	.01350	.03794	.05954	.00024	157.40	-.00002
#2	.04986	.01265	.03671	.05909	.00021	156.12	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00373	.00124	.00300	1.6782	3.7241	65.428	.46894
SDev	.00038	.00008	.00038	.0211	.0055	.135	.00056
%RSD	10.290	6.2894	12.694	1.2559	.14730	.20596	.11852
#1	.00400	.00130	.00327	1.6931	3.7280	65.523	.46933
#2	.00346	.00119	.00273	1.6633	3.7202	65.333	.46855
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00366	73.045	.00482	.03136	.03346	.03276	.00638
SDev	.00042	.357	.00003	.00140	.00076	.00004	.00521
%RSD	11.363	.48896	.60867	4.4686	2.2782	.12745	81.551
#1	.00337	73.298	.00480	.03037	.03400	.03279	.01006
#2	.00396	72.793	.00484	.03235	.03292	.03273	.00270
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.01135	.00390	.00161	.00084	-.00031	.13431
SDev	.00073	.00299	.00631	.00006	.00197	.00006	.00041
%RSD	157.24	26.367	161.90	3.8514	234.86	21.210	.30531
#1	-.00005	.01347	.00836	.00156	-.00055	-.00026	.13460
#2	.00098	.00923	-.00056	.00165	.00223	-.00035	.13402
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00317	-.00050
SDev	.00120	.00035
%RSD	37.722	70.583
#1	-.00402	-.00025
#2	-.00232	-.00075
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3829	--	--	--	--	--	--
SDev	20.68287	--	--	--	--	--	--
%RSD	.5401673	--	--	--	--	--	--
#1	3814	--	--	--	--	--	--
#2	3844	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855054/L (1:5) Operator: AH
Run Time: 10/01/08 16:13:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.05842	-.00206	-.00026	.01030	-.00010	27.163	-.00057
SDev	.09551	.00487	.00880	.00243	.00041	5.793	.00085
%RSD	163.50	237.00	3401.3	23.556	406.80	21.326	147.92
#1	.00912	.00139	.00596	.01202	.00019	31.259	.00003
#2	L-.12596	L-.00550	-.00648	.00859	-.00039	23.067	-.00117
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00161	-.00216	L-.00803	.21186	.73951	9.0457	.06563
SDev	.00346	.00320	.01364	.16956	.10231	5.8079	.04132
%RSD	214.51	148.41	169.98	80.031	13.835	64.207	62.956
#1	.00083	.00011	.00162	.33176	.66716	13.152	.09485
#2	L-.00405	L-.00442	L-.01767	.09197	.81185	4.9388	.03642
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00681	12.992	L-.00645	.06077	-.02385	.00433	-.00105
SDev	.00876	2.592	.01060	.07367	.04036	.00239	.00426
%RSD	128.53	19.952	164.30	121.23	169.25	55.122	405.07
#1	.00062	14.825	.00104	.00868	.00469	.00602	.00196
#2	.01301	11.159	L-.01394	.11287	-.05239	.00264	-.00407
Errors	LC Pass	LC Pass	LC Low	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00698	.04526	-.02421	.00112	-.00814	-.00274	.01905
SDev	.01362	.05420	.03350	.00032	.01270	.00366	.01237
%RSD	195.31	119.77	138.38	27.986	156.12	133.92	64.928
#1	-.00266	.00693	-.00052	.00090	.00085	-.00015	.02779
#2	.01661	.08358	-.04789	.00135	L-.01712	L-.00533	.01030
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00860	.00852
SDev	.01230	.01204
%RSD	142.99	141.25
#1	-.00010	.00001
#2	.01730	.01703
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4443	--	--	--	--	--	--
SDev	785.7900	--	--	--	--	--	--
%RSD	17.68707	--	--	--	--	--	--
#1	3887	--	--	--	--	--	--
#2	4998	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855054/PS Operator: AH
Run Time: 10/01/08 16:19:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.3209	.18797	.17268	.23328	.17942	141.47	.14447
SDev	2.3158	.04974	.11569	.06186	.04556	32.51	.09069
%RSD	24.845	26.460	66.998	26.519	25.395	22.979	62.774
#1	10.958	.22314	.25449	.27702	.21163	164.46	.20860
#2	7.6834	.15280	.09087	.18954	.14720	118.49	.08035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14281	.14522	.16765	8.4814	10.695	51.414	.46289
SDev	.09463	.09443	.05552	5.3120	6.731	34.259	.29722
%RSD	66.261	65.027	33.116	62.631	62.935	66.633	64.210
#1	.20973	.21200	.20691	12.238	15.454	75.639	.67306
#2	.07590	.07845	.12839	4.7252	5.9354	27.189	.25272
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15355	70.871	.17378	.16735	.18657	.18017	.15947
SDev	.08305	16.623	.05200	.10217	.07243	.08234	.07416
%RSD	54.086	23.455	29.922	61.048	38.825	45.699	46.505
#1	.21228	82.626	.21055	.23960	.23778	.23839	.21190
#2	.09483	59.117	.13701	.09511	.13535	.12195	.10703
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14775	.14272	.16784	.17710	.17356	.14292	.23974
SDev	.08850	.10088	.06080	.04509	.04380	.09446	.14231
%RSD	59.897	70.683	36.225	25.457	25.235	66.096	59.363
#1	.21033	.21405	.21083	.20898	.20453	.20972	.34037
#2	.08517	.07139	.12485	.14522	.14259	.07612	.13910
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.12890	.04432
SDev	.06500	.01175
%RSD	50.425	26.507
#1	.17487	.05263
#2	.08294	.03602
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4442	--	--	--	--	--	--
SDev	817.8750	--	--	--	--	--	--
%RSD	18.41159	--	--	--	--	--	--
#1	3864	--	--	--	--	--	--
#2	5020	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855055/MS Operator: AH
Run Time: 10/01/08 16:24:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.291	.21991	.23937	.26785	.20652	170.73	.20211
SDev	.003	.00233	.00137	.00016	.00018	.24	.00005
%RSD	.02912	1.0602	.57333	.06132	.08749	.13780	.02375
#1	10.293	.21826	.24034	.26797	.20664	170.89	.20208
#2	10.289	.22156	.23840	.26774	.20639	170.56	.20215
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20516	.20608	.20429	11.906	14.791	77.689	.67572
SDev	.00029	.00037	.00064	.014	.023	.065	.00044
%RSD	.14034	.18059	.31293	.11499	.15646	.08402	.06534
#1	.20536	.20635	.20384	11.897	14.775	77.735	.67604
#2	.20496	.20582	.20474	11.916	14.808	77.643	.67541
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20784	85.454	.20534	.23718	.23391	.23500	.20605
SDev	.00126	.253	.00011	.00033	.00233	.00144	.00140
%RSD	.60723	.29661	.05538	.14040	.99478	.61325	.67949
#1	.20695	85.275	.20526	.23741	.23226	.23398	.20506
#2	.20873	85.634	.20542	.23694	.23555	.23601	.20704
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21106	.21180	.20318	.20370	.20307	.20200	.32599
SDev	.00340	.00481	.00030	.00015	.00458	.00058	.00006
%RSD	1.6123	2.2695	.14928	.07253	2.2556	.28695	.01743
#1	.20866	.20841	.20339	.20381	.20631	.20159	.32603
#2	.21347	.21520	.20296	.20360	.19983	.20241	.32595
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21260	.05174
SDev	.00275	.00019
%RSD	1.2956	.36894
#1	.21065	.05188
#2	.21455	.05161
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3831	--	--	--	--	--	--
SDev	10.55360	--	--	--	--	--	--
%RSD	.2754494	--	--	--	--	--	--
#1	3824	--	--	--	--	--	--
#2	3839	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855056/SD Operator: AH
Run Time: 10/01/08 16:29:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.339	.22137	.24096	.26893	.20598	168.84	.20128
SDev	.010	.00113	.00006	.00006	.00014	.11	.00006
%RSD	.09941	.51294	.02406	.02222	.06945	.06469	.02972
#1	10.332	.22217	.24100	.26888	.20588	168.77	.20124
#2	10.346	.22056	.24092	.26897	.20608	168.92	.20132
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20474	.20604	.20440	11.897	14.799	76.792	.67438
SDev	.00002	.00050	.00028	.017	.013	.002	.00000
%RSD	.00760	.24215	.13810	.14244	.08798	.00313	.00048
#1	.20475	.20569	.20420	11.909	14.808	76.790	.67438
#2	.20473	.20639	.20460	11.885	14.789	76.793	.67438
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20686	84.739	.20445	.23407	.23232	.23291	.20057
SDev	.00105	.279	.00053	.00117	.00080	.00015	.00165
%RSD	.50771	.32959	.26007	.49996	.34604	.06291	.82096
#1	.20612	84.541	.20482	.23490	.23175	.23280	.20174
#2	.20760	84.936	.20407	.23325	.23289	.23301	.19941
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20390	.19920	.20126	.20377	.20214	.20210	.32219
SDev	.00381	.00910	.00208	.00019	.00610	.00021	.00030
%RSD	1.8688	4.5663	1.0326	.09230	3.0189	.10381	.09320
#1	.20120	.20563	.19979	.20363	.19783	.20195	.32241
#2	.20659	.19277	.20273	.20390	.20646	.20225	.32198
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21152	.05238
SDev	.00326	.00049
%RSD	1.5407	.93162
#1	.21383	.05273
#2	.20922	.05204
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3838	--	--	--	--	--	--
SDev	1.431822	--	--	--	--	--	--
%RSD	.0373100	--	--	--	--	--	--
#1	3839	--	--	--	--	--	--
#2	3837	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD855057 Operator: AH
Run Time: 10/01/08 16:35:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57276	-.00049	.03517	.02762	.00027	202.04	.00011
SDev	.00021	.00137	.00009	.00007	.00001	.48	.00004
%RSD	.03758	282.56	.26255	.24065	2.7138	.24001	35.748
#1	.57261	-.00146	.03511	.02757	.00026	201.70	.00014
#2	.57291	.00049	.03524	.02766	.00027	202.38	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.22255	.00549	1.2022	1.4978	240.42	.08251
SDev	.00028	.00030	.00052	.0052	.0012	.70	.00012
%RSD	12.054	.13421	9.4876	.42837	.08249	.29318	.14454
#1	.00255	.22233	.00586	1.2058	1.4987	239.92	.08242
#2	.00215	.22276	.00513	1.1985	1.4969	240.92	.08259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00647	147.79	.50286	-.00058	.00184	.00103	.00082
SDev	.00002	.12	.00246	.00061	.00247	.00144	.00024
%RSD	.30198	.07906	.48811	105.18	134.18	139.56	29.845
#1	.00649	147.87	.50112	-.00100	.00358	.00205	.00100
#2	.00646	147.71	.50459	-.00015	.00009	.00001	.00065
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	.00677	-.00215	.01308	.00053	.00142	.13389
SDev	.00303	.00349	.00211	.00046	.00080	.00047	.00002
%RSD	887.00	51.511	98.146	3.5267	151.41	33.125	.01256
#1	.00248	.00430	-.00066	.01341	-.00004	.00109	.13390
#2	-.00180	.00923	-.00364	.01276	.00109	.00176	.13388
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00248	.00024
SDev	.00243	.00007
%RSD	97.897	31.001
#1	-.00420	.00029
#2	-.00076	.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3771	--	--	--	--	--	--
SDev	9.492770	--	--	--	--	--	--
%RSD	.2517584	--	--	--	--	--	--
#1	3764	--	--	--	--	--	--
#2	3777	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856117/PB Operator: AH
Run Time: 10/01/08 16:40:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02134	.00098	.00524	.00005	.00012	.05799	.00017
SDev	.00434	.00176	.00023	.00014	.00001	.00116	.00006
%RSD	20.328	179.58	4.3328	299.78	7.4018	2.0030	34.431
#1	.01827	.00222	.00540	-.00005	.00011	.05717	.00021
#2	.02441	-.00026	.00508	.00015	.00013	.05882	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00057	.00169	.01380	-.00299	.00246	.00009
SDev	.00003	.00020	.00027	.00155	.00351	.00687	.00001
%RSD	4.7814	34.989	15.791	11.212	117.37	279.40	15.040
#1	.00067	.00072	.00150	.01271	-.00548	-.00240	.00010
#2	.00062	.00043	.00188	.01490	-.00051	.00731	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00110	-.13398	.00124	-.00645	.00426	.00069	.00291
SDev	.00071	.32840	.00059	.00286	.00297	.00103	.00036
%RSD	64.755	245.11	47.896	44.296	69.863	149.36	12.260
#1	-.00060	-.36620	.00165	-.00847	.00636	.00142	.00265
#2	-.00161	.09823	.00082	-.00443	.00215	-.00004	.00316
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00199	.00536	.00005	.00195	.00074	.00167
SDev	.00095	.00486	.00189	.00052	.00247	.00020	.00020
%RSD	1719.7	243.93	35.357	1124.2	126.16	26.636	12.182
#1	-.00062	-.00543	.00670	-.00032	.00021	.00060	.00181
#2	.00073	.00144	.00402	.00042	.00370	.00088	.00153
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00197	-.00058
SDev	.00079	.00023
%RSD	40.311	39.767
#1	-.00253	-.00074
#2	-.00141	-.00042
Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3916	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.1327231	--	--	--	--	--	--
#1	3920	--	--	--	--	--	--
#2	3912	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856116/FB Operator: AH
Run Time: 10/01/08 16:46:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.290	.20811	.20529	.20836	.20691	10.398	.20611
SDev	.016	.00120	.00218	.00025	.00021	.023	.00005
%RSD	.15161	.57503	1.0644	.11916	.10356	.21841	.02599
#1	10.279	.20726	.20374	.20853	.20676	10.382	.20614
#2	10.301	.20895	.20683	.20818	.20706	10.414	.20607
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20439	.20724	.20323	10.405	10.337	10.330	.20706
SDev	.00016	.00031	.00068	.002	.009	.005	.00017
%RSD	.07921	.15122	.33576	.01776	.08921	.05009	.08114
#1	.20450	.20702	.20275	10.404	10.344	10.327	.20718
#2	.20427	.20746	.20371	10.407	10.331	10.334	.20694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20335	10.223	.20509	.20424	.20753	.20644	.20708
SDev	.00268	.070	.00059	.00062	.00289	.00172	.00565
%RSD	1.3199	.68049	.28947	.30458	1.3914	.83262	2.7279
#1	.20146	10.272	.20467	.20468	.20549	.20522	.20309
#2	.20525	10.174	.20551	.20380	.20957	.20765	.21108
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20439	.21752	.20187	.20317	.20833	.20226	.20634
SDev	.00434	.00323	.00686	.00024	.00326	.00043	.00009
%RSD	2.1211	1.4830	3.3986	.11898	1.5664	.21229	.04408
#1	.20133	.21524	.19702	.20300	.20603	.20196	.20628
#2	.20746	.21980	.20672	.20334	.21064	.20257	.20641
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21630	.05194
SDev	.00129	.00020
%RSD	.59693	.37872
#1	.21539	.05180
#2	.21721	.05208
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3920	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.2435267	--	--	--	--	--	--
#1	3927	--	--	--	--	--	--
#2	3913	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856094 Operator: AH
Run Time: 10/01/08 16:51:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85536	.00576	.10307	.08810	.00019	67.541	-.00000
SDev	.00659	.00092	.00065	.00005	.00000	.207	.00007
%RSD	.77030	15.965	.63048	.05642	.99669	.30722	2179.6
#1	.85070	.00511	.10261	.08806	.00019	67.394	-.00005
#2	.86002	.00641	.10353	.08813	.00019	67.688	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00107	.00403	.83445	6.4267	49.245	.31363
SDev	.00006	.00009	.00003	.00793	.0285	.042	.00028
%RSD	19.203	8.6223	.67141	.95096	.44350	.08573	.09037
#1	.00036	.00114	.00405	.82884	6.4469	49.215	.31343
#2	.00027	.00101	.00401	.84006	6.4066	49.275	.31383
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	13.173	.00462	.00052	.00381	.00271	.00279
SDev	.00017	.056	.00017	.00199	.00127	.00018	.00056
%RSD	8.1869	.42578	3.7322	380.83	33.402	6.8246	20.043
#1	.00197	13.134	.00474	-.00088	.00470	.00284	.00240
#2	.00221	13.213	.00450	.00193	.00291	.00258	.00319
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	.00672	.00083	.02864	.00424	.00305	.00667
SDev	.00057	.00886	.00359	.00086	.00507	.00007	.00001
%RSD	71.392	131.81	432.68	3.0194	119.56	2.2627	.09947
#1	-.00039	.00046	.00337	.02803	.00066	.00310	.00667
#2	-.00120	.01298	-.00171	.02925	.00783	.00301	.00666
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00253	-.00062
SDev	.00241	.00051
%RSD	95.367	83.239
#1	-.00082	-.00098
#2	-.00424	-.00025
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3888	--	--	--	--	--	--
SDev	3.818480	--	--	--	--	--	--
%RSD	.0982233	--	--	--	--	--	--
#1	3885	--	--	--	--	--	--
#2	3890	--	--	--	--	--	--

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Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 16:58:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.359	.48960	.49541	.50287	.50605	25.348	.49907
SDev	.042	.00026	.00018	.00055	.00060	.039	.00145
%RSD	.16469	.05284	.03651	.10938	.11882	.15549	.29050
#1	25.330	.48942	.49528	.50249	.50563	25.320	.49804
#2	25.389	.48979	.49554	.50326	.50648	25.376	.50009
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49312	.51980	.49302	25.148	25.309	25.384	.50922
SDev	.00032	.00043	.00068	.032	.035	.047	.00078
%RSD	.06409	.08352	.13864	.12631	.13727	.18417	.15382
#1	.49289	.51949	.49253	25.126	25.284	25.351	.50867
#2	.49334	.52011	.49350	25.171	25.334	25.417	.50977
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50092	24.829	.50445	.51171	.50133	.50479	.50030
SDev	.00345	.036	.00019	.00059	.00328	.00238	.00191
%RSD	.68880	.14380	.03722	.11567	.65440	.47254	.38217
#1	.49848	24.854	.50458	.51130	.49901	.50310	.49895
#2	.50336	24.804	.50432	.51213	.50365	.50648	.50166
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50725	.50726	.49684	.51994	.50215	.49247	.50650
SDev	.00954	.00502	.00036	.00048	.00427	.00030	.00160
%RSD	1.8799	.98984	.07197	.09263	.85105	.06021	.31567
#1	.50051	.50371	.49658	.51960	.49912	.49226	.50537
#2	.51399	.51081	.49709	.52028	.50517	.49268	.50763
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52326	.50982
SDev	.00018	.00014
%RSD	.03445	.02777
#1	.52338	.50972
#2	.52313	.50992
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3864	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0343092	--	--	--	--	--	--
#1	3863	--	--	--	--	--	--
#2	3865	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 05:09:11 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 17:03:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00182	-.00007	.00014	.00026	.00760	.00008
SDev	.00378	.00184	.00095	.00013	.00009	.00613	.00001
%RSD	18183.	101.37	1411.9	95.144	35.224	80.645	16.605
#1	-.00270	-.00312	-.00074	.00004	.00019	.00327	.00007
#2	.00265	-.00051	.00061	.00023	.00032	.01194	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.00008	.00037	.00298	.00305	.00172	-.00002
SDev	.00024	.00030	.00024	.00877	.00851	.00422	.00009
%RSD	103.36	393.60	64.258	294.35	278.46	244.75	512.09
#1	-.00040	.00013	.00054	-.00322	.00907	-.00126	-.00008
#2	-.00006	-.00028	.00020	.00918	-.00296	.00471	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	-.26592	.00010	-.00191	-.00020	-.00077	.00619
SDev	.00064	.13717	.00025	.00155	.00192	.00180	.00226
%RSD	65.645	51.582	258.57	81.130	949.55	233.28	36.453
#1	.00052	-.36291	-.00008	-.00301	-.00156	-.00204	.00779
#2	.00142	-.16893	.00028	-.00081	.00116	.00050	.00460
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.00671	.00593	.00018	-.00226	.00042	.00036
SDev	.00243	.00102	.00390	.00013	.00417	.00000	.00021
%RSD	806.96	15.186	65.666	69.870	184.74	.24328	57.352
#1	.00142	.00599	.00869	.00028	.00069	.00042	.00022
#2	-.00202	.00743	.00318	.00009	-.00520	.00042	.00051
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00160	-.00001
SDev	.00095	.00076
%RSD	59.098	5816.4
#1	-.00227	-.00055
#2	-.00093	.00052
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3880	--	--	--	--	--	--
SDev	5.462296	--	--	--	--	--	--
%RSD	.1407858	--	--	--	--	--	--
#1	3884	--	--	--	--	--	--
#2	3876	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856095 Operator: AH
Run Time: 10/01/08 17:09:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02060	.00096	.09813	.09536	.00025	163.76	.00002
SDev	.00191	.00191	.00064	.00010	.00003	.05	.00003
%RSD	9.2797	198.45	.65778	.10647	10.243	.02769	189.82
#1	.02195	-.00039	.09768	.09528	.00023	163.79	-.00001
#2	.01925	.00231	.09859	.09543	.00026	163.73	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	.00072	.00160	.19264	5.8687	49.362	3.2243
SDev	.00011	.00021	.00019	.00409	.0021	.111	.0052
%RSD	2.8821	28.910	12.086	2.1256	.03649	.22571	.15997
#1	.00403	.00086	.00147	.18975	5.8702	49.441	3.2280
#2	.00387	.00057	.00174	.19554	5.8672	49.283	3.2207
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00217	9.2148	.01307	-.00397	.00238	.00026	.00243
SDev	.00012	.0161	.00003	.00238	.00061	.00039	.00143
%RSD	5.3960	.17497	.23353	60.063	25.547	146.91	58.776
#1	.00209	9.2262	.01304	-.00565	.00281	-.00001	.00344
#2	.00225	9.2034	.01309	-.00228	.00195	.00054	.00142
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.00082	.00324	.00019	.00308	.00037	.01784
SDev	.00057	.00033	.00198	.00017	.00103	.00020	.00006
%RSD	32.480	40.417	61.088	92.243	33.346	53.048	.33760
#1	.00214	.00105	.00464	.00006	.00236	.00051	.01789
#2	.00134	.00058	.00184	.00031	.00381	.00023	.01780
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00058	-.00021
SDev	.00040	.00008
%RSD	69.919	39.007
#1	-.00086	-.00027
#2	-.00029	-.00015
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3865	--	--	--	--	--	--
SDev	9.492770	--	--	--	--	--	--
%RSD	.2455791	--	--	--	--	--	--
#1	3872	--	--	--	--	--	--
#2	3859	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856096 Operator: AH
Run Time: 10/01/08 17:14:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	67.479	.04583	.32316	.49931	.00331	H662.94	.00100
SDev	.268	.00024	.00040	.00314	.00004	3.55	.00019
%RSD	.39738	.52557	.12475	.62976	1.1599	.53536	19.475
#1	67.668	.04600	.32344	.50153	.00333	H665.45	.00113
#2	67.289	.04566	.32287	.49708	.00328	H660.43	.00086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03791	.12070	.18960	127.81	40.196	344.44	4.4465
SDev	.00042	.00055	.00162	.04	.104	.45	.0002
%RSD	1.1053	.45767	.85454	.02823	.25969	.13081	.00510
#1	.03820	.12031	.19075	127.78	40.122	344.76	4.4463
#2	.03761	.12109	.18846	127.83	40.270	344.12	4.4467
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00979	264.52	.11232	.84202	.82416	.83011	-.00003
SDev	.00019	.95	.00073	.00251	.00228	.00236	.00450
%RSD	1.9844	.35866	.65324	.29761	.27712	.28404	16390.
#1	.00965	265.19	.11284	.84025	.82254	.82844	.00316
#2	.00993	263.85	.11180	.84379	.82577	.83177	-.00321
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00256	-.00132	1.2253	-.00932	.12955	.58740
SDev	.00080	.00170	.00590	.0207	.00052	.00033	.00059
%RSD	154.29	66.525	445.99	1.6920	5.6032	.25614	.09986
#1	.00108	.00377	.00285	1.2399	-.00895	.12979	.58782
#2	-.00005	.00136	-.00549	1.2106	-.00969	.12932	.58699
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00352	.00106
SDev	.00103	.00055
%RSD	29.245	51.465
#1	.00280	.00067
#2	.00425	.00145
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4270	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.4371279	--	--	--	--	--	--
#1	4257	--	--	--	--	--	--
#2	4284	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856097 Operator: AH
Run Time: 10/01/08 17:20:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88737	.00154	.17879	.20117	.00023	143.06	.00053
SDev	.00127	.00182	.00121	.00037	.00001	.20	.00010
%RSD	.14345	118.27	.67472	.18497	2.6937	.14140	18.552
#1	.88647	.00283	.17793	.20091	.00023	142.92	.00046
#2	.88827	.00025	.17964	.20143	.00022	143.20	.00060
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	.00191	.00351	1.1275	7.7287	54.252	.11320
SDev	.00033	.00011	.00047	.0034	.0183	.041	.00002
%RSD	35.150	5.5294	13.496	.30264	.23659	.07547	.01594
#1	.00071	.00183	.00384	1.1299	7.7417	54.281	.11321
#2	.00118	.00198	.00317	1.1251	7.7158	54.223	.11319
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00033	8.2624	.00254	-.00149	.00315	.00161	.00702
SDev	.00129	.0449	.00006	.00124	.00002	.00040	.00030
%RSD	385.82	.54342	2.3293	82.963	.59864	24.872	4.2070
#1	-.00058	8.2306	.00250	-.00062	.00314	.00189	.00723
#2	.00125	8.2941	.00258	-.00237	.00317	.00132	.00681
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00143	.00585	.00760	.03735	.00318	.00142	.00902
SDev	.00045	.00675	.00382	.00016	.00478	.00027	.00023
%RSD	31.462	115.39	50.245	.41830	150.17	18.866	2.5004
#1	-.00111	.00108	.01031	.03746	-.00020	.00123	.00886
#2	-.00175	.01063	.00490	.03724	.00656	.00161	.00918
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00170	-.00017
SDev	.00005	.00042
%RSD	2.8900	246.72
#1	-.00166	-.00047
#2	-.00173	.00013
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3884	--	--	--	--	--	--
SDev	7.795783	--	--	--	--	--	--
%RSD	.2007237	--	--	--	--	--	--
#1	3889	--	--	--	--	--	--
#2	3878	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856098 Operator: AH
Run Time: 10/01/08 17:25:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05284	.00334	.64917	.09293	.00019	72.850	.00003
SDev	.00401	.00262	.00117	.00006	.00000	.074	.00006
%RSD	7.5843	78.570	.18004	.06304	.13543	.10226	209.72
#1	.05001	.00148	.64834	.09298	.00019	72.797	.00007
#2	.05568	.00519	.64999	.09289	.00019	72.902	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00061	.00119	2.7394	12.218	193.97	.04227
SDev	.00006	.00003	.00032	.0004	.032	.07	.00003
%RSD	15.826	5.2741	26.560	.01398	.26425	.03831	.06099
#1	.00034	.00063	.00097	2.7392	12.241	193.91	.04228
#2	.00043	.00059	.00141	2.7397	12.195	194.02	.04225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	76.613	.00149	-.00211	.00320	.00143	.00484
SDev	.00067	.145	.00002	.00321	.00164	.00002	.00080
%RSD	43.248	.18955	1.2475	152.28	51.168	1.4668	16.559
#1	.00201	76.510	.00150	.00016	.00204	.00142	.00541
#2	.00107	76.716	.00148	-.00438	.00435	.00144	.00427
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00973	.00240	.00127	-.00208	-.00009	.00353
SDev	.00124	.00109	.00066	.00021	.00283	.00013	.00011
%RSD	1295.1	11.223	27.381	16.353	136.29	150.43	3.1853
#1	.00078	.01050	.00286	.00112	-.00008	-.00018	.00361
#2	-.00097	.00896	.00193	.00142	-.00408	.00001	.00345
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00053	-.00006
SDev	.00201	.00010
%RSD	375.47	168.61
#1	-.00088	-.00014
#2	.00195	.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3866	--	--	--	--	--	--
SDev	8.962613	--	--	--	--	--	--
%RSD	.2318594	--	--	--	--	--	--
#1	3859	--	--	--	--	--	--
#2	3872	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856099 Operator: AH
Run Time: 10/01/08 17:30:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05687	.00267	.64082	.09142	.00017	71.853	-.00006
SDev	.00177	.00043	.00139	.00010	.00002	.115	.00016
%RSD	3.1196	16.077	.21670	.10975	9.6970	.15947	267.59
#1	.05813	.00236	.63984	.09135	.00018	71.934	-.00017
#2	.05562	.00297	.64181	.09149	.00015	71.772	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00060	.00193	2.6448	11.998	190.56	.04173
SDev	.00015	.00023	.00042	.0073	.044	.38	.00007
%RSD	36.952	37.412	21.674	.27739	.37027	.20027	.16497
#1	.00052	.00076	.00163	2.6500	12.029	190.83	.04178
#2	.00030	.00044	.00222	2.6396	11.966	190.29	.04168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	75.386	.00160	-.00184	.00361	.00179	.00086
SDev	.00025	.071	.00056	.00007	.00049	.00035	.00188
%RSD	25.523	.09448	35.022	3.6550	13.636	19.533	219.06
#1	.00114	75.437	.00120	-.00179	.00396	.00204	-.00047
#2	.00079	75.336	.00200	-.00189	.00326	.00155	.00219
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00231	.00188	.00035	.00121	.00197	.00019	.00523
SDev	.00144	.00027	.00268	.00002	.00265	.00013	.00043
%RSD	62.403	14.369	770.81	1.3454	134.33	67.814	8.1765
#1	.00129	.00169	-.00155	.00123	.00010	.00010	.00554
#2	.00333	.00207	.00225	.00120	.00385	.00029	.00493
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00238	-.00019
SDev	.00179	.00011
%RSD	75.246	54.478
#1	-.00364	-.00012
#2	-.00111	-.00027
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3862	--	--	--	--	--	--
SDev	7.689786	--	--	--	--	--	--
%RSD	.1991134	--	--	--	--	--	--
#1	3857	--	--	--	--	--	--
#2	3867	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856100 Operator: AH
Run Time: 10/01/08 17:36:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10923	.00400	.78262	.29225	.00023	194.94	-.00011
SDev	.00225	.00197	.00268	.00128	.00001	.01	.00003
%RSD	2.0596	49.375	.34283	.43779	4.1010	.00715	26.749
#1	.10763	.00260	.78072	.29315	.00022	194.95	-.00009
#2	.11082	.00539	.78452	.29134	.00023	194.93	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00058	.00012	21.112	14.907	51.548	1.4893
SDev	.00037	.00032	.00032	.058	.012	.170	.0033
%RSD	169.68	54.268	261.46	.27249	.07834	.32983	.22402
#1	-.00004	.00036	-.00010	21.071	14.915	51.428	1.4870
#2	.00047	.00081	.00035	21.152	14.899	51.668	1.4917
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	100.14	.00157	-.00046	-.00147	-.00113	.00172
SDev	.00026	.01	.00008	.00063	.00153	.00123	.00268
%RSD	144.51	.01033	5.2346	136.18	104.38	108.69	156.07
#1	-.00037	100.13	.00151	-.00002	-.00038	-.00026	-.00018
#2	.00000	100.14	.00163	-.00090	-.00255	-.00200	.00362
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00131	.00111	.00202	.00294	-.00142	.00039	.01720
SDev	.00257	.00663	.00071	.00033	.00001	.00040	.00018
%RSD	195.39	596.71	35.129	11.184	.95882	102.68	1.0359
#1	-.00313	-.00358	.00152	.00270	-.00141	.00011	.01707
#2	.00050	.00580	.00253	.00317	-.00143	.00067	.01733
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00214	-.00006
SDev	.00113	.00036
%RSD	52.726	597.39
#1	-.00134	.00020
#2	-.00293	-.00032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3856	--	--	--	--	--	--
SDev	6.841293	--	--	--	--	--	--
%RSD	.1774050	--	--	--	--	--	--
#1	3851	--	--	--	--	--	--
#2	3861	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856101 Operator: AH
Run Time: 10/01/08 17:41:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02004	.00116	.00435	.00009	.00012	.10348	.00010
SDev	.00340	.00155	.00005	.00005	.00001	.00030	.00019
%RSD	16.985	134.23	1.0698	53.968	11.118	.29007	188.76
#1	.01763	.00006	.00438	.00013	.00011	.10326	-.00003
#2	.02245	.00226	.00432	.00006	.00013	.10369	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00018	.00064	.00513	-.01665	.00933	.00008
SDev	.00119	.00083	.00019	.01369	.00755	.00362	.00014
%RSD	2631.4	455.83	29.867	266.86	45.340	38.776	175.08
#1	-.00088	-.00041	.00051	-.00455	-.01131	.00678	-.00002
#2	.00079	.00077	.00078	.01481	-.02199	.01189	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	-.09858	.00116	-.00337	.00203	.00023	.00357
SDev	.00136	.02156	.00044	.00251	.00187	.00041	.00519
%RSD	312.84	21.873	37.771	74.549	92.266	178.47	145.47
#1	-.00139	-.11382	.00085	-.00159	.00070	-.00006	.00724
#2	.00053	-.08333	.00147	-.00514	.00335	.00052	-.00010
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00276	.00761	.00154	.00026	.00070	.00037	.00158
SDev	.00215	.00979	.00289	.00006	.00825	.00072	.00052
%RSD	77.774	128.63	186.98	21.601	1185.4	195.39	32.566
#1	-.00427	.01454	.00358	.00030	-.00514	-.00014	.00122
#2	-.00124	.00069	-.00050	.00022	.00653	.00087	.00195
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00017	-.00051
SDev	.00106	.00068
%RSD	637.19	133.93
#1	-.00091	-.00098
#2	.00058	-.00003
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3948	--	--	--	--	--	--
SDev	14.10675	--	--	--	--	--	--
%RSD	.3573409	--	--	--	--	--	--
#1	3958	--	--	--	--	--	--
#2	3938	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856102 Operator: AH
Run Time: 10/01/08 17:47:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40530	.00537	.29777	.22245	.00019	126.60	-.00009
SDev	.00425	.00178	.00180	.00087	.00001	.17	.00007
%RSD	1.0484	33.217	.60317	.39264	2.8523	.13791	77.622
#1	.40830	.00411	.29650	.22183	.00019	126.48	-.00015
#2	.40229	.00663	.29904	.22307	.00019	126.72	-.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00188	.00156	.00116	14.785	9.1510	44.933	.32060
SDev	.00006	.00020	.00024	.001	.0019	.000	.00026
%RSD	3.3449	12.966	20.907	.00799	.02120	.00053	.08254
#1	.00183	.00142	.00098	14.785	9.1524	44.933	.32042
#2	.00192	.00171	.00133	14.786	9.1497	44.933	.32079
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	14.322	.00461	.00012	.00097	.00069	.00358
SDev	.00022	.083	.00039	.00336	.00053	.00147	.00061
%RSD	45.901	.57976	8.4966	2806.6	54.166	213.38	16.972
#1	-.00032	14.381	.00488	.00250	.00135	.00173	.00315
#2	-.00063	14.264	.00433	-.00226	.00060	-.00035	.00401
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00270	.00517	.00278	.01852	.00096	.00070	.00965
SDev	.00472	.00776	.00297	.00258	.00139	.00007	.00010
%RSD	174.68	150.12	106.79	13.910	144.72	9.3993	1.0566
#1	-.00064	-.00032	.00488	.02034	.00194	.00066	.00958
#2	.00604	.01066	.00068	.01670	-.00002	.00075	.00972
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00255	-.00037
SDev	.00081	.00005
%RSD	31.900	12.628
#1	-.00198	-.00040
#2	-.00313	-.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3893	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0163469	--	--	--	--	--	--
#1	3892	--	--	--	--	--	--
#2	3893	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856103 Operator: AH
Run Time: 10/01/08 17:52:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02092	.00028	.00457	.00010	.00012	.06583	.00004
SDev	.00262	.00098	.00072	.00008	.00001	.00122	.00001
%RSD	12.513	347.20	15.766	77.086	4.4859	1.8590	18.019
#1	.01907	-.00041	.00508	.00005	.00011	.06496	.00003
#2	.02277	.00098	.00406	.00016	.00012	.06669	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	-.00003	.00021	.01119	-.01310	.00148	.00002
SDev	.00009	.00041	.00049	.00403	.00980	.00126	.00000
%RSD	522.30	1326.9	227.82	36.000	74.817	85.616	2.4547
#1	.00008	.00026	-.00013	.00834	-.00617	.00237	.00002
#2	-.00004	-.00032	.00056	.01403	-.02003	.00058	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00068	-.05113	.00052	-.00348	.00148	-.00017	.00517
SDev	.00007	.06703	.00049	.00287	.00053	.00060	.00341
%RSD	9.7559	131.10	93.837	82.475	35.803	353.48	66.037
#1	-.00063	-.09853	.00018	-.00145	.00111	.00026	.00758
#2	-.00073	-.00373	.00087	-.00551	.00186	-.00060	.00276
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00303	.00888	.00331	.00033	.00143	.00027	.00144
SDev	.00113	.00740	.00142	.00016	.00231	.00046	.00031
%RSD	37.254	83.261	42.933	48.635	161.70	166.31	21.599
#1	-.00383	.01412	.00432	.00022	-.00020	.00059	.00166
#2	-.00223	.00365	.00231	.00045	.00306	-.00005	.00122
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00493	-.00074
SDev	.00050	.00080
%RSD	10.122	108.28
#1	-.00529	-.00017
#2	-.00458	-.00131
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3952	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.3113394	--	--	--	--	--	--
#1	3943	--	--	--	--	--	--
#2	3961	--	--	--	--	--	--

Analysis Report 10/01/08 06:03:11 PM page 1

Method: TRACE2 Sample Name: AD856104 Operator: AH
Run Time: 10/01/08 17:57:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04008	.00129	.03804	.04710	.00013	24.989	.00009
SDev	.00164	.00065	.00116	.00020	.00002	.043	.00000
%RSD	4.0977	50.050	3.0411	.42138	11.559	.17228	4.2176
#1	.04124	.00084	.03722	.04724	.00014	25.019	.00008
#2	.03891	.00175	.03886	.04696	.00012	24.959	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00033	.00088	.03424	1.8596	13.016	.03742
SDev	.00027	.00010	.00045	.00110	.0179	.015	.00002
%RSD	62.765	30.231	51.406	3.2140	.96267	.11145	.05177
#1	.00061	.00026	.00056	.03501	1.8723	13.027	.03741
#2	.00024	.00040	.00119	.03346	1.8470	13.006	.03744
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00040	10.134	.00188	-.00370	.00229	.00030	.00159
SDev	.00054	.037	.00002	.00169	.00042	.00084	.00208
%RSD	133.93	.36869	1.1747	45.705	18.374	282.64	130.68
#1	-.00078	10.160	.00186	-.00489	.00199	-.00030	.00012
#2	-.00002	10.107	.00189	-.00250	.00259	.00089	.00307
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	.00453	.00013	.00076	.00392	.00046	.00405
SDev	.00248	.00334	.00145	.00008	.00015	.00019	.00032
%RSD	105.36	73.898	1141.3	9.9918	3.7744	42.474	7.8451
#1	.00060	.00216	-.00090	.00081	.00403	.00032	.00428
#2	.00411	.00689	.00115	.00071	.00382	.00059	.00383
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00419	-.00012
SDev	.00073	.00015
%RSD	17.559	128.05
#1	-.00367	-.00022
#2	-.00470	-.00001
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3937	--	--	--	--	--	--
SDev	9.917276	--	--	--	--	--	--
%RSD	.2519081	--	--	--	--	--	--
#1	3930	--	--	--	--	--	--
#2	3944	--	--	--	--	--	--

Analysis Report QC Standard 10/01/08 06:10:04 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/01/08 18:04:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.461	.49848	.49636	.50681	.50614	25.566	.50206
SDev	.111	.00313	.00086	.00196	.00187	.080	.00059
%RSD	.43784	.62751	.17433	.38719	.36858	.31446	.11673
#1	25.539	.50069	.49698	.50820	.50746	25.623	.50248
#2	25.382	.49627	.49575	.50543	.50482	25.509	.50165
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49716	.52073	.49358	25.149	25.496	25.688	.50945
SDev	.00123	.00081	.00169	.032	.069	.051	.00065
%RSD	.24667	.15639	.34229	.12790	.26930	.19708	.12781
#1	.49803	.52131	.49477	25.171	25.545	25.724	.50991
#2	.49629	.52016	.49238	25.126	25.448	25.652	.50899
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50439	25.126	.50490	.51543	.51043	.51209	.51042
SDev	.00038	.041	.00058	.00014	.00002	.00003	.00395
%RSD	.07459	.16409	.11483	.02725	.00447	.00616	.77318
#1	.50466	25.155	.50531	.51533	.51045	.51207	.50763
#2	.50413	25.096	.50449	.51552	.51041	.51212	.51321
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51845	.51684	.50722	.52942	.50848	.50097	.51146
SDev	.00450	.00201	.00692	.00163	.00573	.00029	.00112
%RSD	.86797	.38822	1.3649	.30814	1.1268	.05761	.21890
#1	.51527	.51826	.50233	.53058	.50442	.50117	.51226
#2	.52163	.51542	.51212	.52827	.51253	.50077	.51067
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.52230	.50789
SDev	.00255	.00124
%RSD	.48914	.24457
#1	.52050	.50876
#2	.52411	.50701
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3896	--	--	--	--	--	--
SDev	12.46276	--	--	--	--	--	--
%RSD	.3198932	--	--	--	--	--	--
#1	3887	--	--	--	--	--	--
#2	3905	--	--	--	--	--	--

Analysis Report Blank Sample 10/01/08 06:15:28 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/01/08 18:10:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00610	-.00104	-.00024	.00013	.00019	.00306	.00005
SDev	.00282	.00146	.00056	.00012	.00001	.00129	.00008
%RSD	46.208	140.60	237.41	94.004	4.4117	42.275	178.66
#1	.00810	-.00001	.00016	.00022	.00020	.00397	-.00001
#2	.00411	-.00207	-.00064	.00004	.00019	.00215	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00028	.00027	.00014	-.00066	-.00751	.00298	.00001
SDev	.00030	.00021	.00074	.00256	.00834	.00423	.00001
%RSD	105.94	79.195	523.69	389.01	110.95	142.11	108.57
#1	.00007	.00012	.00066	-.00246	-.00162	-.00001	.00002
#2	.00049	.00042	-.00038	.00115	-.01341	.00597	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	.10713	.00039	-.00009	.00090	.00057	.00460
SDev	.00069	.01055	.00008	.00154	.00111	.00023	.00045
%RSD	153.48	9.8494	20.660	1687.6	122.19	39.415	9.8524
#1	.00094	.11459	.00044	-.00118	.00169	.00073	.00492
#2	-.00004	.09967	.00033	.00100	.00012	.00041	.00428
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00310	.01018	.00180	.00045	.00295	.00037	.00043
SDev	.00228	.00108	.00122	.00034	.00095	.00033	.00010
%RSD	73.377	10.652	67.684	74.889	32.352	88.615	23.480
#1	.00149	.00941	.00267	.00069	.00362	.00014	.00051
#2	.00471	.01095	.00094	.00021	.00227	.00060	.00036
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00242	-.00006
SDev	.00230	.00009
%RSD	94.837	163.09
#1	-.00080	.00001
#2	-.00405	-.00012
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3899	--	--	--	--	--	--
SDev	10.97794	--	--	--	--	--	--
%RSD	.2815261	--	--	--	--	--	--
#1	3907	--	--	--	--	--	--
#2	3892	--	--	--	--	--	--

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TestAmerica Buffalo Analyst: AH

Primary Review: CP Date: 10/3/08 Secondary Review: AH Date: 10/3/08
Spikes: 4-MDL-9, 11-MDL-14, 12-094-E, 12-030-F, 1-MDL-12
Pippettes: 08-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-127A	A100208	TRACE2	10/02/08	07:35		X	IR
2	STD 1 ~~12-131-C~~ 12-127-C	A100208	TRACE2	10/02/08	07:40		X	IR
3	STD 2 ~~12-131-D~~ 12-127-D	A100208	TRACE2	10/02/08	07:45		X	IR
4	STD 3 ~~12-131-B~~ 12-127-B	A100208	TRACE2	10/02/08	07:50		X	IR
5	STD 3 VER 12-127-E	A100208	TRACE2	10/02/08	07:56	AH	B	CONC
6	ICV 12-127-A	A100208	TRACE2	10/02/08	08:01	AH	Q	CONC
7	ICB 12-120-A	A100208	TRACE2	10/02/08	08:06	AH	B	CONC
8	CRI 12-124-B	A100208	TRACE2	10/02/08	08:12	AH	B	CONC
9	ICSA 12-124-C	A100208	TRACE2	10/02/08	08:17	AH	Q	CONC
10	ICSAB 12-127-F	A100208	TRACE2	10/02/08	08:22	AH	Q	CONC
11	CCV 12-127-A	A100208	TRACE2	10/02/08	08:33	AH	Q	CONC
12	CCB	A100208	TRACE2	10/02/08	08:38	AH	B	CONC
13	AD855241/PB	A100208	TRACE2	10/02/08	08:44	AH	S	CONC
14	AD855240/FB	A100208	TRACE2	10/02/08	08:49	AH	S	CONC
15	AD855223 B773	A100208	TRACE2	10/02/08	08:54	AH	S	CONC
16	AD855224	A100208	TRACE2	10/02/08	09:00	AH	S	CONC
17	AD855225	A100208	TRACE2	10/02/08	09:05	AH	S	CONC
18	AD855225/L (1:5)	A100208	TRACE2	10/02/08	09:10	AH	S	CONC
19	AD855225/PS	A100208	TRACE2	10/02/08	09:16	AH	S	CONC
20	AD855226	A100208	TRACE2	10/02/08	09:21	AH	S	CONC
21	AD855227/MS	A100208	TRACE2	10/02/08	09:27	AH	S	CONC
22	AD855228/SD	A100208	TRACE2	10/02/08	09:32	AH	S	CONC
23	CCV	A100208	TRACE2	10/02/08	09:39	AH	Q	CONC
24	CCB	A100208	TRACE2	10/02/08	09:44	AH	B	CONC
25	AD855229	A100208	TRACE2	10/02/08	09:50	AH	S	CONC
26	AD855230	A100208	TRACE2	10/02/08	09:55	AH	S	CONC
27	AD855231	A100208	TRACE2	10/02/08	10:00	AH	S	CONC
28	AD855232	A100208	TRACE2	10/02/08	10:06	AH	S	CONC
29	AD855233	A100208	TRACE2	10/02/08	10:11	AH	S	CONC
30	AD855234	A100208	TRACE2	10/02/08	10:17	AH	S	CONC
31	AD855235	A100208	TRACE2	10/02/08	10:22	AH	S	CONC
32	CRI	A100208	TRACE2	10/02/08	10:33	AH	B	CONC
33	ICSA	A100208	TRACE2	10/02/08	10:39	AH	Q	CONC
34	ICSAB	A100208	TRACE2	10/02/08	10:45	AH	Q	CONC
35	CCV	A100208	TRACE2	10/02/08	10:51	AH	Q	CONC
36	CCB	A100208	TRACE2	10/02/08	10:57	AH	B	CONC
37	AD855236	A100208	TRACE2	10/02/08	11:02	AH	S	CONC
38	AD855237	A100208	TRACE2	10/02/08	11:08	AH	S	CONC
39	AD855238	A100208	TRACE2	10/02/08	11:13	AH	S	CONC
40	AD855239	A100208	TRACE2	10/02/08	11:18	AH	S	CONC
41	AD856131/PB	A100208	TRACE2	10/02/08	11:42	AH	S	CONC
42	AD856130/FB	A100208	TRACE2	10/02/08	11:47	AH	S	CONC
43	AD856118 B799	A100208	TRACE2	10/02/08	11:53	AH	S	CONC
44	AD856119	A100208	TRACE2	10/02/08	11:58	AH	S	CONC
45	AD856120	A100208	TRACE2	10/02/08	12:03	AH	S	CONC
46	AD856121	A100208	TRACE2	10/02/08	12:09	AH	S	CONC
47	CCV	A100208	TRACE2	10/02/08	12:16	AH	Q	CONC
48	CCB	A100208	TRACE2	10/02/08	12:21	AH	B	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD856122 B849	A100208	TRACE2	10/02/08	12:26	AH	S	CONC
50	AD856123	A100208	TRACE2	10/02/08	12:32	AH	S	CONC
51	AD856124	A100208	TRACE2	10/02/08	12:37	AH	S	CONC
52	AD856125	A100208	TRACE2	10/02/08	12:43	AH	S	CONC
53	AD856126	A100208	TRACE2	10/02/08	12:55	AH	S	CONC
54	AD856127 B877	A100208	TRACE2	10/02/08	13:01	AH	S	CONC
55	AD856127/L (1:5)	A100208	TRACE2	10/02/08	13:06	AH	S	CONC
56	CRI	A100208	TRACE2	10/02/08	13:17	AH	B	CONC
57	ICSA	A100208	TRACE2	10/02/08	13:25	AH	Q	CONC
58	ICSAB	A100208	TRACE2	10/02/08	13:31	AH	Q	CONC
59	CCV	A100208	TRACE2	10/02/08	13:38	AH	Q	CONC
60	CCB	A100208	TRACE2	10/02/08	13:43	AH	B	CONC
61	AD856127/PS	A100208	TRACE2	10/02/08	13:48	AH	S	CONC
62	AD856128/MD	A100208	TRACE2	10/02/08	13:54	AH	S	CONC
63	AD856129/MS	A100208	TRACE2	10/02/08	13:59	AH	S	CONC
64	AD856467/PB	A100208	TRACE2	10/02/08	14:05	AH	S	CONC
65	CRI	A100208	TRACE2	10/02/08	14:17	AH	B	CONC
66	ICSA	A100208	TRACE2	10/02/08	14:23	AH	Q	CONC
67	ICSAB	A100208	TRACE2	10/02/08	14:28	AH	Q	CONC
68	CCV	A100208	TRACE2	10/02/08	14:35	AH	Q	CONC
69	CCB	A100208	TRACE2	10/02/08	14:41	AH	B	CONC
70	AD856466/FB	A100208	TRACE2	10/02/08	14:46	AH	S	CONC
71	AD856586 B897	A100208	TRACE2	10/02/08	14:51	AH	S	CONC
72	AD856586/(1:10)	A100208	TRACE2	10/02/08	15:00	AH	S	CONC
73	AD856586/(1:50)	A100208	TRACE2	10/02/08	15:10	AH	S	CONC
74	CCV	A100208	TRACE2	10/02/08	15:22	AH	Q	CONC
75	CCB	A100208	TRACE2	10/02/08	15:27	AH	B	CONC
76	AD856450 B980	A100208	TRACE2	10/02/08	15:34	AH	S	CONC
77	AD856451	A100208	TRACE2	10/02/08	15:39	AH	S	CONC
78	AD856446 B814	A100208	TRACE2	10/02/08	15:51	AH	S	CONC
79	AD856447 B946	A100208	TRACE2	10/02/08	15:56	AH	S	CONC
80	AD856448	A100208	TRACE2	10/02/08	16:01	AH	S	CONC
81	AD856449 B979	A100208	TRACE2	10/02/08	16:07	AH	S	CONC
82	AD856452	A100208	TRACE2	10/02/08	16:12	AH	S	CONC
83	AD856453	A100208	TRACE2	10/02/08	16:18	AH	S	CONC
84	AD856454 C008	A100208	TRACE2	10/02/08	16:23	AH	S	CONC
85	AD856455	A100208	TRACE2	10/02/08	16:28	AH	S	CONC
86	CCV	A100208	TRACE2	10/02/08	16:35	AH	Q	CONC
87	CCB	A100208	TRACE2	10/02/08	16:41	AH	B	CONC
88	STD BLK	A100208	TRACE2	10/02/08	16:57		X	IR
89	STD 1	A100208	TRACE2	10/02/08	17:03		X	IR
90	STD 2	A100208	TRACE2	10/02/08	17:08		X	IR
91	STD 3	A100208	TRACE2	10/02/08	17:12		X	IR
92	STD 3 VER	A100208	TRACE2	10/02/08	17:18	AH	B	CONC
93	ICV	A100208	TRACE2	10/02/08	17:23	AH	Q	CONC
94	ICB	A100208	TRACE2	10/02/08	17:29	AH	B	CONC
95	CRI	A100208	TRACE2	10/02/08	17:34	AH	B	CONC
96	ICSA	A100208	TRACE2	10/02/08	17:39	AH	Q	CONC
97	ICSAB	A100208	TRACE2	10/02/08	17:45	AH	Q	CONC
98	CCV	A100208	TRACE2	10/02/08	17:52	AH	Q	CONC
99	CCB	A100208	TRACE2	10/02/08	17:57	AH	B	CONC
100	AD856456	A100208	TRACE2	10/02/08	18:03	AH	S	CONC
101	AD856456/L (1:5)	A100208	TRACE2	10/02/08	18:08	AH	S	CONC
102	AD856456/PS	A100208	TRACE2	10/02/08	18:13	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD856457/MS C008	A100208	TRACE2	10/02/08	18:19	AH	S	CONC
104	AD856458/SD	A100208	TRACE2	10/02/08	18:24	AH	S	CONC
105	AD856459	A100208	TRACE2	10/02/08	18:30	AH	S	CONC
106	AD856460 C025	A100208	TRACE2	10/02/08	18:35	AH	S	CONC
107	AD856461	A100208	TRACE2	10/02/08	18:40	AH	S	CONC
108	AD856462	A100208	TRACE2	10/02/08	18:46	AH	S	CONC
109	AD856463 C035	A100208	TRACE2	10/02/08	18:51	AH	S	CONC
110	CCV	A100208	TRACE2	10/02/08	18:58	AH	Q	CONC
111	CCB	A100208	TRACE2	10/02/08	19:03	AH	B	CONC
112	AD856464	A100208	TRACE2	10/02/08	19:09	AH	S	CONC
113	AD856465	A100208	TRACE2	10/02/08	19:14	AH	S	CONC
114	AD856165/FB	A100208	TRACE2	10/02/08	19:20	AH	S	CONC
115	AD856096/(1:5) B794	A100208	TRACE2	10/02/08	19:25	AH	S	CONC
116	AD856522/PB	A100208	TRACE2	10/02/08	19:31	AH	S	CONC
117	AD856521/CLPSL	A100208	TRACE2	10/02/08	19:36	AH	S	CONC
118	AD856504 B779	A100208	TRACE2	10/02/08	19:41	AH	S	CONC
119	AD856504/L (1:5)	A100208	TRACE2	10/02/08	19:47	AH	S	CONC
120	AD856504/PS	A100208	TRACE2	10/02/08	19:52	AH	S	CONC
121	AD856505/MS	A100208	TRACE2	10/02/08	19:58	AH	S	CONC
122	CCV	A100208	TRACE2	10/02/08	20:04	AH	Q	CONC
123	CCB	A100208	TRACE2	10/02/08	20:10	AH	B	CONC
124	AD856506/SD	A100208	TRACE2	10/02/08	20:15	AH	S	CONC
125	AD856507	A100208	TRACE2	10/02/08	20:21	AH	S	CONC
126	AD856508	A100208	TRACE2	10/02/08	20:26	AH	S	CONC
127	AD856509 B922	A100208	TRACE2	10/02/08	20:32	AH	S	CONC
128	AD856510	A100208	TRACE2	10/02/08	20:37	AH	S	CONC
129	AD856511	A100208	TRACE2	10/02/08	20:42	AH	S	CONC
130	AD856512	A100208	TRACE2	10/02/08	20:48	AH	S	CONC
131	AD856513	A100208	TRACE2	10/02/08	20:53	AH	S	CONC
132	AD856514	A100208	TRACE2	10/02/08	20:59	AH	S	CONC
133	AD856515	A100208	TRACE2	10/02/08	21:04	AH	S	CONC
134	CCV	A100208	TRACE2	10/02/08	21:11	AH	Q	CONC
135	CCB	A100208	TRACE2	10/02/08	21:16	AH	B	CONC
136	AD856516	A100208	TRACE2	10/02/08	21:22	AH	S	CONC
137	AD856517	A100208	TRACE2	10/02/08	21:27	AH	S	CONC
138	AD856518	A100208	TRACE2	10/02/08	21:33	AH	S	CONC
139	AD856519 B972	A100208	TRACE2	10/02/08	21:38	AH	S	CONC
140	AD856520	A100208	TRACE2	10/02/08	21:43	AH	S	CONC
141	AD856567/PB	A100208	TRACE2	10/02/08	21:49	AH	S	CONC
142	AD856566/FB	A100208	TRACE2	10/02/08	21:54	AH	S	CONC
143	AD856547 B942	A100208	TRACE2	10/02/08	22:00	AH	S	CONC
144	AD856548	A100208	TRACE2	10/02/08	22:05	AH	S	CONC
145	AD856549 B991	A100208	TRACE2	10/02/08	22:10	AH	S	CONC
146	CCV	A100208	TRACE2	10/02/08	22:17	AH	Q	CONC
147	CCB	A100208	TRACE2	10/02/08	22:23	AH	B	CONC
148	AD856550 C027	A100208	TRACE2	10/02/08	22:28	AH	S	CONC
149	AD856551	A100208	TRACE2	10/02/08	22:34	AH	S	CONC
150	AD856552	A100208	TRACE2	10/02/08	22:39	AH	S	CONC
151	AD856552/L (1:5)	A100208	TRACE2	10/02/08	22:44	AH	S	CONC
152	AD856552/PS	A100208	TRACE2	10/02/08	22:50	AH	S	CONC
153	AD856553/MS	A100208	TRACE2	10/02/08	22:55	AH	S	CONC
154	AD856554/SD	A100208	TRACE2	10/02/08	23:01	AH	S	CONC
155	AD856555	A100208	TRACE2	10/02/08	23:06	AH	S	CONC
156	AD856556	A100208	TRACE2	10/02/08	23:12	AH	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD856557 0027	A100208	TRACE2	10/02/08	23:17	AH	S	CONC
158	CCV	A100208	TRACE2	10/02/08	23:24	AH	Q	CONC
159	CCB	A100208	TRACE2	10/02/08	23:29	AH	B	CONC
160	STD BLK	A100208	TRACE2	10/02/08	23:46		X	IR
161	STD 1	A100208	TRACE2	10/02/08	23:51		X	IR
162	STD 2	A100208	TRACE2	10/02/08	23:56		X	IR
163	STD 3	A100208	TRACE2	10/03/08	00:01		X	IR
164	STD 3 VER	A100208	TRACE2	10/03/08	00:06	AH	B	CONC
165	ICV	A100208	TRACE2	10/03/08	00:12	AH	Q	CONC
166	ICB	A100208	TRACE2	10/03/08	00:17	AH	B	CONC
167	CRI	A100208	TRACE2	10/03/08	00:23	AH	B	CONC
168	ICSA	A100208	TRACE2	10/03/08	00:28	AH	Q	CONC
169	ICSAB	A100208	TRACE2	10/03/08	00:33	AH	Q	CONC
170	CCV	A100208	TRACE2	10/03/08	00:40	AH	Q	CONC
171	CCB	A100208	TRACE2	10/03/08	00:46	AH	B	CONC
172	AD856558	A100208	TRACE2	10/03/08	00:51	AH	S	CONC
173	AD856559	A100208	TRACE2	10/03/08	00:57	AH	S	CONC
174	AD856560	A100208	TRACE2	10/03/08	01:02	AH	S	CONC
175	AD856561	A100208	TRACE2	10/03/08	01:07	AH	S	CONC
176	AD856562	A100208	TRACE2	10/03/08	01:13	AH	S	CONC
177	AD856563	A100208	TRACE2	10/03/08	01:18	AH	S	CONC
178	AD856564	A100208	TRACE2	10/03/08	01:24	AH	S	CONC
179	AD856565	A100208	TRACE2	10/03/08	01:29	AH	S	CONC
180	AD856149/PB	A100208	TRACE2	10/03/08	01:35	AH	S	CONC
181	AD856148/FB	A100208	TRACE2	10/03/08	01:40	AH	S	CONC
182	CCV	A100208	TRACE2	10/03/08	01:47	AH	Q	CONC
183	CCB	A100208	TRACE2	10/03/08	01:52	AH	B	CONC
184	AD856132 B870	A100208	TRACE2	10/03/08	01:58	AH	S	CONC
185	AD856133	A100208	TRACE2	10/03/08	02:03	AH	S	CONC
186	AD856134	A100208	TRACE2	10/03/08	02:09	AH	S	CONC
187	AD856135	A100208	TRACE2	10/03/08	02:14	AH	S	CONC
188	AD856136	A100208	TRACE2	10/03/08	02:19	AH	S	CONC
189	AD856137	A100208	TRACE2	10/03/08	02:25	AH	S	CONC
190	AD856138	A100208	TRACE2	10/03/08	02:30	AH	S	CONC
191	AD856139	A100208	TRACE2	10/03/08	02:36	AH	S	CONC
192	AD856140	A100208	TRACE2	10/03/08	02:41	AH	S	CONC
193	AD856141	A100208	TRACE2	10/03/08	02:47	AH	S	CONC
194	CCV	A100208	TRACE2	10/03/08	02:54	AH	Q	CONC
195	CCB	A100208	TRACE2	10/03/08	02:59	AH	B	CONC
196	AD856142	A100208	TRACE2	10/03/08	03:04	AH	S	CONC
197	AD856143	A100208	TRACE2	10/03/08	03:10	AH	S	CONC
198	AD856144 B896	A100208	TRACE2	10/03/08	03:15	AH	S	CONC
199	AD856145	A100208	TRACE2	10/03/08	03:21	AH	S	CONC
200	AD856145/L (1:5)	A100208	TRACE2	10/03/08	03:26	AH	S	CONC
201	AD856145/PS	A100208	TRACE2	10/03/08	03:32	AH	S	CONC
202	AD856146/MS	A100208	TRACE2	10/03/08	03:37	AH	S	CONC
203	AD856147/SD	A100208	TRACE2	10/03/08	03:42	AH	S	CONC
204	CCV	A100208	TRACE2	10/03/08	03:49	AH	Q	CONC
205	CCB	A100208	TRACE2	10/03/08	03:55	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.05567	8.23468	40.9819	82.8818	50.151	18.797
2	As1890	.04632	.44039	2.06257	4.08227	1.0028	.36638
3	B_2496	.05953	1.44435	6.98601	13.9612	.99969	.36950
4	Ba4934	.01448	4.63326	23.2582	46.6624	1.0022	.37507
5	Be3130	.23281	7.74208	37.8056	75.1778	.99233	.37467
6	Ca3179	.0275			61.048	49.897	18.747
7	Cd2265	-.01036	10.9405	54.0058	107.87	.98622	.36991
8	Co2286	-.00451	.6172	3.07617	6.15002	.99100	.36571
9	Cr2677	.00239	1.85252	9.16642	18.3236	.99228	.38217
10	Cu3247	.03002	.94084	4.59952	9.2258	1.0009	.36615
11	Fe2714	-.00119	1.82799	9.09366	18.1382	49.569	18.469
12	K_7664	-.06099			70.962	50.048	18.683
13	Mg2790	.04226			108.942	49.862	18.701
14	Mn2576	.00079	1.29348	6.4452	12.8753	.99367	.37592
15	Mo2020	.00678	.84959	4.22815	8.47993	1.0042	.37938
16	Na3302	.01102			3.04877	49.832	18.349
17	Ni2316	-.06367	4.83316	24.0334	48.1043	.98725	.37502
18	2203/1	.02393	1.17693	6.01339	11.9045	1.0058	.38169
19	2203/2	-.02167	1.34216	6.55439	13.1118	.98296	.37559
20	Sb2068	.00478	.31692	1.54728	3.10925	.99699	.38047
21	1960/1	-.0053	.28156	1.4278	2.83047	.99904	.38064
22	1960/2	.00677	.54308	2.56357	5.20637	.98753	.38052
23	Ti3372	.10098	5.34527	26.3446	52.7895	.99711	.38789
24	Tl1908	-.00623	.23322	1.19584	2.41675	.99554	.37194
25	V_2924	.00066	.28235	1.39758	2.79868	.99524	.36696
26	Zn2062	.00026	.18173	.89791	1.79189	.98837	.37551
27	Sn1899	-.01222	1.17275	5.848	11.7336	.99590	.38382
28	Ag3280	.00266	1.59511	8.01041	16.0549	1.0028	.37641
29	*Y	3762.71	3791.33	3752.55	3753.04	3725.36	3776.66
30	PB2203					.99058	.37762
31	SE1960					.99135	.38056

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00216	.20303	514.24	518.41	24.910	.00039
2	As1890	-.00044	.00872	-.00520	.10630	.48621	-.00027
3	B_2496	.00129	.02212	.00335	.01389	.48853	.00095
4	Ba4934	-.00004	.00195	.00089	.52060	.49648	.00001
5	Be3130	.00001	.00202	.00090	.50071	.49733	-.00001
6	Ca3179	.00148	.49934	518.48	522.56	24.869	.01260
7	Cd2265	.00000	.00102	.00010	.98479	.49144	.00004
8	Co2286	.00025	.00400	.00127	.49178	.48565	-.00028
9	Cr2677	.00000	.00442	-.00224	.50542	.50797	-.00006
10	Cu3247	.00000	.01005	.00175	.52173	.48723	.00050
11	Fe2714	.00709	.04842	195.61	98.244	24.564	-.00239
12	K_7664	-.00907	.44826	-.00698	-.01147	24.918	-.00493
13	Mg2790	-.00065	.20392	511.01	509.01	24.795	.00070
14	Mn2576	.00009	.00310	.00163	.49794	.49937	-.00003
15	Mo2020	.00127	.01104	.00283	.00137	.49873	.00119
16	Na3302	-.00314	1.0940	.05666	-.07258	24.392	-.10793
17	Ni2316	.00060	.01033	.00127	.97077	.49808	.00025
18	2203/1	-.00356	.00376	.00077	.05605	.50645	-.00058

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00215	.00523	.01154	.05775	.49374	.00055
20	Sb2068	.00019	.01828	-.00743	.63821	.50515	-.00040
21	1960/1	-.00912	.01429	.00223	.05169	.50233	-.00024
22	1960/2	.00433	.02024	-.00499	.05796	.49808	.00145
23	Ti3372	.00013	.00471	.00116	.00259	.51490	.00015
24	Tl1908	-.00109	.01933	-.01471	.08944	.50484	-.00201
25	V_2924	.00013	.00490	.00000	.50827	.48612	.00023
26	Zn2062	.00006	.01123	-.00410	.97548	.49847	-.00015
27	Sn1899	.00192	.01001	.00172	.00194	.50851	-.00016
28	Ag3280	.00012	.00272	-.00010	.21776	.50155	-.00042
29	*Y	3761.25	3781.35	3549.49	3568.8	3759.86	3761.06
30	PB2203	.00025	.00474	.00795	.05718	.49797	.00017
31	SE1960	-.00014	.01826	-.00258	.05587	.49950	.00089

#	Element	AD8'1/PB	AD8'0/FB	AD855223	AD855224	AD855225	AD8'1:5)
1	Al3082	.02795	10.329	.01717	.08873	.00848	-.01306
2	As1890	.00073	.20665	.00005	.00800	-.00135	-.00428
3	B_2496	.00136	.20831	.01894	.00746	.00587	-.00043
4	Ba4934	.00003	.20660	.01134	.03918	.00278	.00071
5	Be3130	.00006	.20719	.00003	.00009	.00000	.00000
6	Ca3179	.03981	10.342	16.112	14.381	6.5441	1.2752
7	Cd2265	.00003	.20674	.00019	-.00002	.00010	-.00049
8	Co2286	.00053	.20502	.00079	.13070	.00068	-.00200
9	Cr2677	.00023	.20576	.00045	.00080	.00076	-.00219
10	Cu3247	.00089	.20201	.00157	.00292	.66053	.12430
11	Fe2714	.01217	10.336	.09567	46.971	.05539	-.03117
12	K_7664	-.03059	10.453	1.7488	1.0393	.33843	.06974
13	Mg2790	.02381	10.386	2.4839	4.4603	1.5410	.29672
14	Mn2576	.00010	.20608	.38082	5.7354	.00787	.00127
15	Mo2020	-.00031	.20361	.00115	-.00044	-.00009	.00050
16	Na3302	-.26170	10.353	1.1601	2.2336	2.2435	.49321
17	Ni2316	.00092	.20672	.00113	.01921	.00604	-.00098
18	2203/1	-.00193	.21050	-.00612	.00345	-.00485	.01907
19	2203/2	.00304	.20627	.00402	.00153	.00703	-.00715
20	Sb2068	-.00024	.20332	-.00027	-.00201	-.00191	-.00691
21	1960/1	-.00036	.20855	-.00301	.00207	-.00752	.01402
22	1960/2	.00200	.21004	.00417	-.00127	.00576	-.01293
23	Ti3372	-.00024	.20138	-.00045	.00018	-.00087	.00019
24	Tl1908	.00256	.20227	.00394	-.00596	.00124	.00201
25	V_2924	.00018	.20170	.00056	.00051	.00037	-.00232
26	Zn2062	.00227	.20773	.01095	.00818	.22345	.04263
27	Sn1899	.00264	.21596	.00157	.00467	.00250	.00157
28	Ag3280	-.00036	.05279	-.00061	.00001	-.00031	.00050
29	*Y	3773.03	3762.98	3753.19	3777.15	3754.01	3760.2
30	PB2203	.00138	.20768	.00064	.00217	.00307	.00158
31	SE1960	.00121	.20954	.00177	-.00015	.00133	-.00394

#	Element	AD8'5/PS	AD855226	AD8'7/MS	AD8'8/SD	CCV	CCB
1	Al3082	10.321	.02096	2.1101	2.3901	24.924	.01524
2	As1890	.20886	.00025	.04105	.04171	.48119	-.00291
3	B_2496	.21090	.00546	.00555	.00611	.48803	.00070
4	Ba4934	.20905	.00301	2.0821	2.0952	.49331	-.00002
5	Be3130	.21024	.00001	.05291	.05303	.49855	.00006
6	Ca3179	16.840	6.6918	6.4753	6.5795	24.831	.03400
7	Cd2265	.20816	.00008	.05274	.05270	.49146	.00009
8	Co2286	.20664	.00051	.52351	.52324	.48520	.00033
9	Cr2677	.20683	.00027	.21488	.21857	.50915	.00037
10	Cu3247	.84417	.91559	.90582	1.6028	.48684	.00087
11	Fe2714	10.489	.16925	1.2187	3.2104	24.670	.01439
12	K_7664	10.843	.36826	.33662	.38227	24.899	.01105
13	Mg2790	11.984	1.5865	1.5322	1.6526	24.882	.02202
14	Mn2576	.21560	.00985	.53528	.57420	.50071	.00013
15	Mo2020	.20425	.00018	.00005	.00011	.49685	.00221
16	Na3302	12.596	2.2697	2.5216	2.4795	24.428	-.25351
17	Ni2316	.21316	.00620	.54049	.54344	.49802	.00014
18	2203/1	.20708	.00149	.01980	.04754	.50745	-.00146
19	2203/2	.21263	.00486	.02581	.04906	.49045	.00231
20	Sb2068	.20324	.00265	.10272	.10365	.50010	.00333
21	1960/1	.20696	.00394	.04910	.06188	.50494	.00096
22	1960/2	.21211	.00079	.05449	.05276	.50053	.00031
23	Ti3372	.20401	-.00020	-.00010	.00617	.50913	.00000
24	Tl1908	.20723	-.00384	.05610	.04786	.50190	.00076
25	V_2924	.20474	.00018	.51638	.51726	.48209	.00042
26	Zn2062	.42510	.22040	.73374	.80862	.49723	.00021
27	Sn1899	.17180	-.00170	.21447	.22047	.50916	.00144
28	Ag3280	.05172	-.00040	.05243	.05249	.50301	.00057
29	*Y	3761.96	3776.96	3763.54	3757.58	3733.5	3751.46
30	PB2203	.21078	.00374	.02381	.04855	.49611	.00105
31	SE1960	.21039	.00184	.05269	.05580	.50199	.00053

#	Element	AD855229	AD855230	AD855231	AD855232	AD855233	AD855234
1	Al3082	.07435	.00409	.07637	.03596	.70784	.07808
2	As1890	-.00013	.00493	-.00181	.02215	.24081	.00165
3	B_2496	.00637	.00638	.00463	.06508	.91343	.00797
4	Ba4934	.00259	.04296	.00276	.82476	.61954	.33643
5	Be3130	.00005	.00003	.00001	.00029	.00005	.00017
6	Ca3179	8.2856	25.054	8.2693	72.329	70.049	68.179
7	Cd2265	.00008	.00893	.00001	.00007	.00018	-.00022
8	Co2286	.00068	.00018	.00020	.02614	.04778	.00044
9	Cr2677	.00132	.00039	.00078	.00089	.00545	.00404
10	Cu3247	.29638	.02147	.31925	.00276	.00367	.00140
11	Fe2714	.23018	.03002	.25753	25.914	30.064	4.4562
12	K_7664	.37660	.76313	.37058	3.4448	49.282	1.1066
13	Mg2790	1.9145	5.2219	1.9064	39.585	38.720	24.715
14	Mn2576	.00690	.00362	.00854	6.1493	1.9342	1.5380
15	Mo2020	-.00034	.00092	.00015	.00112	.00452	.00067
16	Na3302	2.4200	6.5961	2.3649	34.377	181.04	13.561
17	Ni2316	.00251	.00157	.00232	.03464	.06593	.00681
18	2203/1	-.00339	.00101	-.00292	.00095	-.00667	.00211

#	Element	AD855229	AD855230	AD855231	AD855232	AD855233	AD855234
19	2203/2	.00585	.00198	.00536	.00021	.00426	-.00068
20	Sb2068	-.00058	-.00252	-.00183	-.00546	-.00153	-.00595
21	1960/1	.00311	.00203	-.00143	-.00128	-.00673	.01214
22	1960/2	.00270	-.00364	.00162	-.00136	-.00115	-.00064
23	Ti3372	.00126	-.00011	.00120	.00086	.02281	.00264
24	Tl1908	-.00018	.00263	.00751	-.00189	.00074	.00478
25	V_2924	.00070	.00013	.00036	-.00048	.00217	-.00097
26	Zn2062	.01003	1.8171	.01236	.11305	.01089	.00588
27	Sn1899	.00244	.00246	-.00116	.00338	.00193	.00182
28	Ag3280	-.00047	-.00002	-.00063	.00035	-.00091	-.00027
29	*Y	3761.36	3770.96	3772.73	3737.36	3736.69	3766.99
30	PB2203	.00277	.00166	.00260	.00046	.00062	.00025
31	SE1960	.00283	-.00174	.00060	-.00133	-.00301	.00361

#	Element	AD855235	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.05645	.20242	518.03	524.71	24.960	.01540
2	As1890	-.00051	.00866	.00278	.10610	.47946	-.00174
3	B_2496	.00820	.02233	.00230	.01544	.48986	-.00068
4	Ba4934	.00850	.00200	.00090	.51901	.49062	.00018
5	Be3130	.00000	.00205	.00094	.50978	.50147	.00010
6	Ca3179	16.807	.50382	520.78	526.42	24.850	.03600
7	Cd2265	.00006	.00102	.00170	.99491	.49314	-.00007
8	Co2286	.04207	.00426	.00102	.49578	.48813	-.00025
9	Cr2677	.09803	.00419	-.00219	.51302	.51284	-.00020
10	Cu3247	.00491	.01120	.00256	.52858	.48962	.00124
11	Fe2714	.43213	.05974	198.67	100.01	24.868	.00162
12	K_7664	.85906	.47252	-.00239	-.00364	24.999	.00057
13	Mg2790	2.9556	.20705	511.87	510.66	24.705	.02290
14	Mn2576	.13146	.00316	.00176	.50570	.50524	.00004
15	Mo2020	.00583	.01039	.00117	.00172	.49697	.00156
16	Na3302	89.105	1.1402	-.02925	-.12898	24.246	-.03962
17	Ni2316	.01553	.01033	.00119	.98300	.50049	-.00004
18	2203/1	-.00213	.00597	.00897	.06602	.50954	.00454
19	2203/2	.00223	.00480	.00844	.05180	.48996	-.00088
20	Sb2068	-.00020	.01848	-.00100	.62663	.49812	-.00248
21	1960/1	-.00770	.01593	.00110	.04918	.50130	.00361
22	1960/2	.00080	.01487	.00440	.05813	.49189	.00087
23	Ti3372	-.00025	.00478	.00137	.00272	.50585	.00029
24	Tl1908	-.00293	.02609	-.00524	.09567	.49733	-.00104
25	V_2924	.00099	.00499	-.00020	.50439	.48161	-.00014
26	Zn2062	.00808	.01139	-.00379	.98351	.49982	.00050
27	Sn1899	.00104	.00802	.00205	.00407	.51160	-.00116
28	Ag3280	.00061	.00370	.00064	.22173	.50661	.00011
29	*Y	3760.95	3753.83	3547.91	3552.94	3770.21	3782.89
30	PB2203	.00078	.00519	.00862	.05653	.49648	.00092
31	SE1960	-.00203	.01522	.00330	.05515	.49502	.00178

#	Element	AD855236	AD855237	AD855238	AD855239	AD8'1/PB	AD8'0/FB
1	Al3082	.28752	.01350	.00948	.00087	.00351	10.517
2	As1890	-.00136	.00259	-.00241	-.00319	-.00192	.21587
3	B_2496	.00705	.00571	.01186	.00176	.00185	.21284
4	Ba4934	.10867	.05467	.01578	-.00013	.00005	.20656
5	Be3130	.00010	.00002	.00000	.00001	.00000	.21151
6	Ca3179	39.495	20.352	28.859	.03184	.01637	10.459
7	Cd2265	.00008	.00005	.00004	.00011	-.00003	.21086
8	Co2286	.00241	.00065	.00051	.00066	.00011	.20968
9	Cr2677	.00576	.00030	.00022	.00033	-.00034	.21073
10	Cu3247	.00331	.03622	.68903	.00201	.00135	.20578
11	Fe2714	4.3673	.01211	.00198	.00380	.00126	10.622
12	K_7664	2.7661	.42839	1.3144	-.01019	-.01974	10.682
13	Mg2790	21.270	3.4259	4.7802	.00061	-.00005	10.540
14	Mn2576	3.0447	.00730	.00091	.00011	.00002	.21089
15	Mo2020	.00010	-.00108	.00051	-.00019	-.00056	.20526
16	Na3302	15.841	4.6228	1.9884	-.15086	-.02989	10.633
17	Ni2316	.00775	.00212	.00152	.00115	.00062	.20973
18	2203/1	-.00443	-.00496	.00003	-.00435	-.00099	.21368
19	2203/2	.00260	.00333	.00056	.00128	.00005	.20943
20	Sb2068	-.00184	-.00097	-.00348	-.00158	-.00165	.20197
21	1960/1	-.00046	-.00060	.00176	.00032	.00190	.21998
22	1960/2	.00505	.00078	-.00625	-.00082	.00193	.21584
23	Ti3372	.00549	-.00057	-.00034	-.00063	-.00059	.20058
24	Tl1908	.00728	.00153	-.00017	-.00093	-.00214	.21047
25	V_2924	.00030	.00000	.00008	.00027	.00022	.20275
26	Zn2062	.01335	.02558	.02435	.00204	.00144	.21023
27	Sn1899	-.00105	.00114	.00041	-.00055	.00132	.22059
28	Ag3280	-.00057	-.00074	-.00012	-.00032	-.00003	.05399
29	*Y	3782.33	3799.95	3785.96	3789.04	3813.75	3796.13
30	PB2203	.00026	.00057	.00038	-.00059	-.00029	.21085
31	SE1960	.00321	.00032	-.00358	-.00044	.00192	.21722

#	Element	AD856118	AD856119	AD856120	AD856121	CCV	CCB
1	Al3082	.08787	.22484	.02918	.31926	25.010	.04393
2	As1890	-.00282	.00183	.00085	.06022	.48326	-.00327
3	B_2496	.00226	.29918	.12729	3.4849	.49138	.00203
4	Ba4934	.00010	1.5303	.34202	1.2202	.48534	.00016
5	Be3130	.00001	.00004	.00002	.00000	.50259	.00013
6	Ca3179	.18037	129.10	23.240	229.90	24.886	.06344
7	Cd2265	.00009	.00008	.00000	.00030	.49583	.00010
8	Co2286	.00072	.00291	.00083	.01199	.49027	.00025
9	Cr2677	.00016	.00237	-.00014	.00881	.51555	.00019
10	Cu3247	.00195	.00319	.00176	.01069	.48728	.00234
11	Fe2714	.01106	7.8393	.00308	23.755	25.061	.02194
12	K_7664	.01075	3.4834	1.8215	44.138	25.076	-.00732
13	Mg2790	.00452	43.332	5.3366	126.89	25.015	.04316
14	Mn2576	.00022	.51650	.14394	1.0358	.50785	.00017
15	Mo2020	.00116	.00063	.00139	.04788	.49755	.00221
16	Na3302	-.13652	43.621	15.918	126.43	24.188	-.07145
17	Ni2316	.00126	.00340	.00207	.02218	.50150	.00054
18	2203/1	-.00273	-.00255	-.00359	.00555	.51468	-.00271

#	Element	AD856118	AD856119	AD856120	AD856121	CCV	CCB
19	2203/2	.00142	.00268	.00257	.00961	.49242	.00090
20	Sb2068	-.00203	-.00022	-.00337	.00069	.48933	.00103
21	1960/1	-.00110	.00122	.00456	-.00020	.51231	-.00466
22	1960/2	-.00341	.00344	.00316	.00303	.48960	.00154
23	Ti3372	-.00037	.00544	-.00058	.01047	.50160	.00023
24	Tl1908	.00009	.00329	.00189	.00176	.50350	-.00037
25	V_2924	.00037	.00068	.00004	.00289	.48142	.00037
26	Zn2062	.00513	.00300	.00123	.02362	.50168	.00057
27	Sn1899	-.00054	-.00030	.00125	.00274	.51724	-.00126
28	Ag3280	.00010	.00015	-.00047	.00030	.50685	-.00034
29	*Y	3783.79	3770.1	3786.53	3768.86	3787.24	3784.2
30	PB2203	.00003	.00093	.00052	.00826	.49983	-.00029
31	SE1960	-.00264	.00270	.00363	.00195	.49716	-.00052

#	Element	AD856122	AD856123	AD856124	AD856125	AD856126	AD856127
1	Al3082	1.7399	.51913	.02068	.03035	.06933	.02697
2	As1890	.00154	.00492	-.00218	.02061	.02320	.00291
3	B_2496	4.3469	2.1098	.23616	5.5088	5.5388	1.3321
4	Ba4934	1.3659	1.3628	.08675	3.7774	3.7738	.13735
5	Be3130	.00008	.00003	.00005	-.00001	-.00002	.00006
6	Ca3179	272.14	258.58	152.72	213.53	213.48	327.61
7	Cd2265	.00049	.00034	.00053	.00035	.00024	.00061
8	Co2286	.00526	.00265	.00084	.00638	.00601	.01242
9	Cr2677	.01736	.00824	.00263	.00447	.00394	.01008
10	Cu3247	.00903	.00949	.01200	.00274	.00324	.02837
11	Fe2714	31.519	23.713	.05860	22.200	22.432	1.3274
12	K_7664	89.676	45.113	9.5370	54.018	54.400	19.619
13	Mg2790	189.72	112.90	24.374	146.96	147.45	55.993
14	Mn2576	.60492	1.3320	.01085	.47866	.48139	.95456
15	Mo2020	.00088	.00012	-.00023	-.00044	-.00050	.00321
16	Na3302	205.57	90.795	24.436	254.91	255.22	91.397
17	Ni2316	.01528	.00688	.01458	.00593	.00652	.01622
18	2203/1	.00546	.00836	-.00525	-.00330	-.00363	.00836
19	2203/2	.01673	.01658	.00359	.00081	.00086	.01155
20	Sb2068	-.00254	-.00321	-.00041	-.00331	-.00289	.00014
21	1960/1	-.00360	.00408	.02508	.00047	-.00004	-.00143
22	1960/2	.00414	.00203	.03034	.00242	.00191	-.00054
23	Ti3372	.08020	.02509	-.00067	.00208	.00181	.00025
24	Tl1908	-.00064	-.00028	-.00297	.00048	.00184	.00195
25	V_2924	.00634	.00289	.00009	.00425	.00441	.00112
26	Zn2062	.02844	.06402	.30880	.00196	.00108	.34586
27	Sn1899	.00220	.00143	.00395	.00344	-.00038	.00098
28	Ag3280	-.00081	-.00011	-.00091	-.00014	-.00055	.00062
29	*Y	3783.83	3778.16	3735.19	3766.61	3753.86	3737.4
30	PB2203	.01298	.01384	.00065	-.00055	-.00063	.01049
31	SE1960	.00156	.00271	.02859	.00177	.00125	-.00084

#	Element	AD8'1:5)	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.02344	.20076	523.39	523.68	25.021	.04390
2	As1890	-.00183	.00918	-.00228	.10829	.47891	-.00373
3	B_2496	.23214	.02173	.00372	.01582	.48754	.00140
4	Ba4934	.02404	.00192	.00075	.51232	.48369	-.00002
5	Be3130	.00001	.00205	.00092	.50940	.50245	.00009
6	Ca3179	56.744	.50357	524.01	522.29	24.819	.06368
7	Cd2265	.00012	.00091	.00238	.98963	.49168	.00001
8	Co2286	.00205	.00381	.00097	.49497	.48713	.00019
9	Cr2677	.00158	.00378	-.00249	.51353	.51460	.00007
10	Cu3247	.00654	.01154	.00277	.52683	.48793	.00196
11	Fe2714	.23574	.05217	200.88	100.03	24.935	.01392
12	K_7664	3.1384	.45197	-.00506	-.01348	24.948	-.02788
13	Mg2790	10.063	.20091	515.16	508.17	24.716	.04442
14	Mn2576	.17169	.00309	.00165	.50557	.50553	.00017
15	Mo2020	-.00070	.00961	.00108	.00133	.49632	.00147
16	Na3302	15.641	1.0013	-.19945	-.05890	24.265	-.13944
17	Ni2316	.00311	.00954	.00096	.97977	.50019	.00008
18	2203/1	.00082	.00617	.00471	.06276	.51350	-.00250
19	2203/2	.00243	.00421	.00708	.05403	.48575	.00273
20	Sb2068	-.00628	.01886	-.00502	.61472	.48909	-.00209
21	1960/1	-.00441	.01993	-.00281	.05005	.50997	-.00534
22	1960/2	.00376	.01545	.00089	.05648	.48782	.00317
23	Ti3372	-.00005	.00449	.00082	.00244	.50031	-.00027
24	Tl1908	.00092	.01557	-.00229	.10152	.48929	-.00279
25	V_2924	-.00019	.00496	-.00034	.50403	.48031	.00027
26	Zn2062	.06322	.01096	-.00425	.97736	.49777	.00079
27	Sn1899	-.00217	.00907	.00018	.00461	.51466	-.00223
28	Ag3280	-.00046	.00260	-.00022	.22173	.50682	-.00047
29	*Y	3784.01	3772.61	3560.55	3565.35	3784.05	3797.4
30	PB2203	.00189	.00486	.00629	.05694	.49499	.00098
31	SE1960	.00103	.01694	-.00034	.05434	.49520	.00033

#	Element	AD8'7/PS	AD8'8/MD	AD8'9/MS	AD8'7/PB	CRI	ICSA
1	Al3082	10.426	.06689	2.1422	.01880	.19670	524.80
2	As1890	.21033	.00481	.04460	-.00347	.00744	-.00424
3	B_2496	1.4950	1.2934	1.3075	.00762	.02338	.00300
4	Ba4934	.33362	.13566	2.1825	-.00003	.00182	.00072
5	Be3130	.20957	.00006	.05311	-.00007	.00198	.00092
6	Ca3179	328.44	320.07	324.44	.07182	.50247	523.57
7	Cd2265	.20228	.00067	.05141	.00018	.00113	.00282
8	Co2286	.21301	.00826	.51672	.00010	.00433	.00102
9	Cr2677	.21539	.01097	.21982	.00022	.00456	-.00274
10	Cu3247	.23220	.04138	.29006	.00235	.01200	.00280
11	Fe2714	11.630	1.7735	2.4432	.00921	.05850	200.63
12	K_7664	30.101	19.276	19.436	-.00410	.47159	-.00511
13	Mg2790	64.627	54.528	55.295	-.00216	.20079	511.77
14	Mn2576	1.1320	.89805	1.3783	.00011	.00317	.00164
15	Mo2020	.20713	.00338	.00216	-.00052	.01036	-.00009
16	Na3302	99.056	89.280	90.542	-.23326	.96220	-.26441
17	Ni2316	.21776	.01753	.53185	.00065	.00985	.00087
18	2203/1	.21486	.02743	.03713	-.00422	.00361	.00571

#	Element	AD8'7/PS	AD8'8/MD	AD8'9/MS	AD8'7/PB	CRI	ICSA
19	2203/2	.20939	.03132	.03854	.00374	.00673	.00996
20	Sb2068	.19748	.00181	.10788	-.00138	.01831	.00212
21	1960/1	.21398	.00556	.06193	-.00798	.01095	.00575
22	1960/2	.20738	.01007	.05138	-.00260	.01979	.01128
23	Ti3372	.19991	.00290	.00032	-.00034	.00434	.00070
24	Tl1908	.20762	.00401	.05283	-.00060	.01719	.00833
25	V_2924	.20275	.00207	.51365	.00000	.00537	-.00044
26	Zn2062	.53150	.35113	.82074	.00137	.01150	-.00394
27	Sn1899	.17134	.00121	.21410	-.00113	.01117	.00083
28	Ag3280	.05326	.00027	.05361	-.00035	.00332	.00013
29	*Y	3747.6	3736.69	3755.96	3805.2	3787.5	3562.58
30	PB2203	.21121	.03003	.03807	.00109	.00569	.00855
31	SE1960	.20958	.00857	.05489	-.00440	.01684	.00944

#	Element	ICSAB	CCV	CCB	AD8'6/FB	AD856586	AD8':10)
1	Al3082	525.22	25.048	.00199	10.353	8.5668	.79018
2	As1890	.10489	.47324	-.00311	.20247	-.00334	-.00192
3	B_2496	.01409	.48870	.00127	.20711	.06265	.00905
4	Ba4934	.50847	.48185	-.00009	.20209	.03492	.00326
5	Be3130	.51197	.50519	-.00001	.20786	.00237	.00030
6	Ca3179	523.43	24.855	.02015	10.330	.26897	.07204
7	Cd2265	.98624	.49146	.00000	.20633	.20685	.01097
8	Co2286	.49449	.48825	.00019	.20599	.28974	.03158
9	Cr2677	.51525	.51605	-.00006	.20938	5.8151	.62195
10	Cu3247	.52869	.49031	.00229	.20396	3.1537	.28189
11	Fe2714	100.38	25.013	.00199	10.509	H9587.7	H1177.4
12	K_7664	-.00397	24.920	-.00740	10.454	.58607	.07708
13	Mg2790	507.00	24.642	-.00235	10.271	.70784	.03772
14	Mn2576	.50695	.50731	.00007	.20950	H34.847	4.0809
15	Mo2020	.00040	.49538	.00089	.20439	.71642	.07749
16	Na3302	-.09385	24.170	-.04302	10.198	3.5522	.25393
17	Ni2316	.98189	.50198	.00051	.20619	1.6053	.18588
18	2203/1	.06059	.51399	-.00402	.20933	.24179	.01619
19	2203/2	.05318	.48748	.00053	.20297	.05497	-.00307
20	Sb2068	.61142	.48243	-.00182	.19339	L-.04749	-.00771
21	1960/1	.05908	.50287	-.00694	.20212	.12006	.02031
22	1960/2	.05889	.48828	.00276	.20081	-.72139	.01161
23	Ti3372	.00267	.49980	-.00025	.19703	.50833	.05094
24	Tl1908	.10874	.49512	.00119	.20653	L-.55149	.01598
25	V_2924	.50287	.48092	.00013	.20177	.26171	.02255
26	Zn2062	.97814	.49833	.00021	.20627	L-.15022	L-.01647
27	Sn1899	.00365	.51439	.00149	.21560	.37690	.04231
28	Ag3280	.22219	.50658	-.00041	.05269	.00305	.00052
29	*Y	3552.26	3785.96	3779.96	3836.74	3289.39	3731.14
30	PB2203	.05565	.49631	-.00098	.20509	.11718	.00334
31	SE1960	.05896	.49314	-.00046	.20124	L-.44090	.01451

#	Element	AD8':50)	CCV	CCB	AD856450	AD856451	AD856446
1	Al3082	.15455	25.098	.02267	225.58	85.989	21.738
2	As1890	-.00078	.47758	-.00207	.12390	.06193	-.00346
3	B_2496	.00371	.48608	.00206	.27463	.15970	3.7284
4	Ba4934	.00068	.48512	-.00010	2.2434	.49918	.00285
5	Be3130	.00004	.50462	.00001	.01021	.00397	.00779
6	Ca3179	.03310	24.900	.02771	H1203.8	415.73	328.77
7	Cd2265	.00192	.49229	.00017	.00741	.00176	.00291
8	Co2286	.00642	.48912	.00034	.17919	.08963	.78948
9	Cr2677	.12539	.51643	.00040	.34898	.13216	.00903
10	Cu3247	.05649	.49047	.00191	.66565	.46878	.03448
11	Fe2714	239.14	25.254	.01029	396.70	184.27	184.81
12	K_7664	.01147	24.890	.00170	37.658	27.080	4.5659
13	Mg2790	.00473	24.937	.00680	453.52	122.31	196.81
14	Mn2576	.82864	.50922	.00014	10.220	6.7078	H68.993
15	Mo2020	.01665	.49725	.00164	.02905	.01470	L-.00914
16	Na3302	.01159	24.343	-.15695	13.244	231.38	33.169
17	Ni2316	.03761	.50120	-.00006	.42987	.16867	.91944
18	2203/1	.00639	.51437	-.00243	.28824	.07363	.00407
19	2203/2	-.00155	.48981	-.00008	.26960	.07679	.00282
20	Sb2068	-.00409	.48436	-.00093	-.00261	-.00211	-.00264
21	1960/1	.00519	.50968	-.00159	.01109	.00730	.00266
22	1960/2	.00537	.48995	.00006	-.00363	.00555	-.00101
23	Ti3372	.00999	.50355	-.00037	1.7590	.82441	.00528
24	Tl1908	.00380	.50221	.00234	L-.01209	-.00003	-.00082
25	V_2924	.00415	.48442	.00018	.42738	.14349	.00071
26	Zn2062	-.00264	.49803	.00028	1.4901	.46875	1.4296
27	Sn1899	.00872	.51516	-.00020	.02437	.00702	.00128
28	Ag3280	.00026	.50661	.00019	.00269	.00040	.00253
29	*Y	3782.93	3772.61	3801.23	4473	4002.15	5823.45
30	PB2203	.00108	.49799	-.00086	.27581	.07574	.00324
31	SE1960	.00531	.49652	-.00048	.00127	.00614	.00021

#	Element	AD856447	AD856448	AD856449	AD856452	AD856453	AD856454
1	Al3082	.08818	.17531	.92407	.13975	.52424	59.737
2	As1890	.00894	.00080	-.00362	.03259	-.00131	.07336
3	B_2496	.04695	.08872	.10933	H63.144	7.3617	.58648
4	Ba4934	.00573	.08265	.00923	1.1547	.01717	.46081
5	Be3130	-.00001	-.00003	-.00001	-.00001	-.00002	.00350
6	Ca3179	63.773	82.891	130.89	175.87	8.5271	H1124.0
7	Cd2265	.00008	-.00005	-.00006	.00000	.00077	.01144
8	Co2286	.00044	.00374	.00019	.00338	.00673	.04498
9	Cr2677	.00024	.00037	.00193	.08349	.00266	.12607
10	Cu3247	.00223	.00301	.00216	.00347	.05518	.59856
11	Fe2714	.12443	.49988	.16957	3.8180	109.74	85.867
12	K_7664	1.2985	1.1338	1.7959	383.86	19.422	41.299
13	Mg2790	42.715	47.113	8.2266	194.82	17.376	192.47
14	Mn2576	.01849	.22679	.00860	.31645	1.7443	3.1932
15	Mo2020	.00228	.00341	.00839	.00428	.00219	.02195
16	Na3302	10.340	12.696	20.379	H1358.7	139.99	95.973
17	Ni2316	.00225	.00796	.00290	.07483	.04535	.12889
18	2203/1	-.00025	.00031	-.00014	.00442	.00463	.11193

#	Element	AD856447	AD856448	AD856449	AD856452	AD856453	AD856454
19	2203/2	.00083	-.00005	.00093	-.00257	.00578	.11103
20	Sb2068	-.00348	-.00492	-.00306	.00318	-.00404	.00413
21	1960/1	-.00250	.00336	.00123	.00988	-.00053	-.00144
22	1960/2	.00168	-.00146	-.00204	.00257	.00396	-.00149
23	Ti3372	.00032	.00020	.00006	.23568	.01503	.30498
24	Tl1908	.00105	-.00266	-.00180	-.00045	.00003	-.00032
25	V_2924	.00800	-.00019	-.00004	.09549	.00136	.08208
26	Zn2062	.00681	.01719	.03337	.02489	.25342	1.9998
27	Sn1899	-.00033	.00181	-.00097	.00815	.00059	.02812
28	Ag3280	.00030	.00001	-.00035	.00115	-.00012	.00336
29	*Y	3787.54	3795.34	3811.65	3566.89	3841.39	3898.31
30	PB2203	.00047	.00006	.00057	-.00024	.00540	.11133
31	SE1960	.00028	.00014	-.00095	.00501	.00246	-.00147

#	Element	AD856455	CCV	CCB	STD BLK	STD 1	STD 2
1	Al3082	.81060	24.943	-.00208	.0472	8.33587	41.2378
2	As1890	.00073	.47789	.00174	.05001	.45057	2.02962
3	B_2496	.13217	.48857	.00509	.0923	1.46765	6.97065
4	Ba4934	.09479	.48767	.00008	.01004	4.61358	22.9452
5	Be3130	.00000	.49892	-.00001	.23087	7.88262	38.2831
6	Ca3179	85.089	24.746	.00494	.03028		
7	Cd2265	.00000	.48846	.00006	-.00965	10.9944	54.3636
8	Co2286	.00088	.48508	.00021	-.00515	.61846	3.08942
9	Cr2677	.00135	.51195	-.00003	.00899	1.87801	9.32622
10	Cu3247	.00333	.48704	.00100	.03979	.95284	4.62604
11	Fe2714	.78260	24.971	.00270	.00198	1.8808	9.32371
12	K_7664	12.776	24.789	.01307	-.06387		
13	Mg2790	35.644	24.716	-.00115	.03411		
14	Mn2576	.02708	.50672	.00007	.00132	1.32892	6.5989
15	Mo2020	.00022	.49305	.00230	.00185	.86309	4.23678
16	Na3302	359.32	24.179	-.06619	-.00172		
17	Ni2316	.00615	.49654	.00051	-.0697	4.8606	24.2146
18	2203/1	-.00463	.50593	.00164	.01509	1.27504	6.10247
19	2203/2	.00287	.48863	.00050	.00742	1.28339	6.55327
20	Sb2068	-.00045	.48564	-.00203	.0047	.29672	1.51555
21	1960/1	.00297	.50120	-.00393	-.01957	.28911	1.45307
22	1960/2	.00442	.49175	.00304	.0222	.51572	2.60615
23	Ti3372	.01918	.50566	.00007	.08672	5.30154	25.9945
24	Tl1908	.00074	.49634	.00356	.00164	.22646	1.19066
25	V_2924	.00180	.48634	.00018	.00132	.28222	1.40543
26	Zn2062	.01352	.49415	.00021	.00026	.18797	.90074
27	Sn1899	.00261	.50704	-.00002	.00488	1.15631	5.91672
28	Ag3280	-.00037	.50154	.00035	.00251	1.61842	8.07691
29	*Y	3715.73	3778.61	3775.05	3781.31	3777.11	3787.46
30	PB2203	.00037	.49439	.00088			
31	SE1960	.00394	.49490	.00071			

#	Element	STD 3	STD' VER	ICV	ICB	CRI	ICSA
1	Al3082	83.3345	50.291	18.790	.00762	.21307	517.81
2	As1890	4.02735	1.0039	.36334	-.00123	.00897	-.00498
3	B_2496	13.9347	1.0060	.36871	-.00014	.02084	.00144
4	Ba4934	46.3096	1.0049	.37774	.00015	.00224	.00100
5	Be3130	75.8248	.99438	.37390	.00005	.00198	.00092
6	Ca3179	61.0934	50.327	18.837	.00416	.50043	525.79
7	Cd2265	107.348	.99199	.36911	.00013	.00106	.00104
8	Co2286	6.14007	.99488	.36569	.00069	.00434	.00123
9	Cr2677	18.5485	.99638	.38267	.00036	.00381	-.00237
10	Cu3247	9.27231	1.0057	.36703	.00032	.01010	.00105
11	Fe2714	18.5148	49.661	18.415	.00671	.04995	195.47
12	K_7664	70.7201	50.236	18.667	.00266	.45348	.01203
13	Mg2790	108.432	50.366	18.832	.00590	.20822	515.93
14	Mn2576	13.1212	.99468	.37494	.00024	.00304	.00161
15	Mo2020	8.44377	.99605	.37588	.00180	.01126	.00177
16	Na3302	3.02984	50.028	18.617	.20871	1.3311	.15560
17	Ni2316	48.1445	.99385	.37482	.00096	.01048	.00112
18	2203/1	11.9978	.97814	.36974	-.00140	.00404	-.00623
19	2203/2	12.9453	1.0103	.38065	-.00005	.00215	.00308
20	Sb2068	3.03161	1.0186	.38765	.00151	.02252	-.00085
21	1960/1	2.84536	.96915	.37145	.01078	.01454	.00904
22	1960/2	5.11203	1.0099	.37856	.00019	.01607	-.00657
23	Ti3372	52.1558	1.0022	.38993	.00057	.00549	.00126
24	Tl1908	2.39538	1.0347	.38468	.00039	.01812	-.02040
25	V_2924	2.80437	1.0007	.36886	.00032	.00528	-.00019
26	Zn2062	1.77724	.98207	.37217	.00026	.01095	-.00432
27	Sn1899	11.7593	1.0038	.38503	.00208	.00734	-.00219
28	Ag3280	16.2002	1.0007	.37472	.00053	.00349	.00041
29	*Y	3745.39	3766.5	3767.48	3793.5	3781.88	3550.31
30	PB2203		.99961	.37702	-.00050	.00278	-.00002
31	SE1960		.99629	.37619	.00372	.01556	-.00136

#	Element	ICSAB	CCV	CCB	AD856456	AD8'1:5)	AD8'6/PS
1	Al3082	521.47	24.567	.00314	7.6308	2.7683	16.990
2	As1890	.10776	.48065	-.00327	.00324	-.00345	.20603
3	B_2496	.01303	.48366	-.00092	.25224	.05425	.44533
4	Ba4934	.52770	.49306	.00006	.11925	.02916	.31728
5	Be3130	.50124	.48901	-.00001	.00041	.00009	.19836
6	Ca3179	527.37	24.686	.00410	235.67	47.182	240.35
7	Cd2265	.98262	.48523	.00010	-.00009	.00002	.19461
8	Co2286	.49228	.48156	.00012	.00433	.00097	.19702
9	Cr2677	.50592	.50304	-.00016	.00746	.00257	.20313
10	Cu3247	.52540	.48245	-.00001	.03194	.00584	.22836
11	Fe2714	98.026	24.200	.00177	11.616	2.5477	21.146
12	K_7664	.00397	24.682	.00269	16.149	3.4471	26.744
13	Mg2790	512.80	24.662	.00308	70.471	14.334	79.342
14	Mn2576	.49705	.49365	.00005	.20080	.04099	.39400
15	Mo2020	.00162	.48801	.00133	.00099	.00095	.19896
16	Na3302	.14676	24.399	.04641	201.09	40.005	206.53
17	Ni2316	.97137	.48991	.00010	.01117	.00244	.20365
18	2203/1	.05115	.48381	-.00007	.00629	.00058	.19905

#	Element	ICSAB	CCV	CCB	AD856456	AD8'1:5)	AD8'6/PS
19	2203/2	.04871	.49977	-.00122	.00654	.00072	.19966
20	Sb2068	.65088	.51182	-.00139	-.00282	-.00109	.19746
21	1960/1	.05133	.48193	.00777	-.00047	.00238	.20224
22	1960/2	.05503	.50629	-.00357	.00219	-.00376	.19673
23	Ti3372	.00297	.51223	.00025	.11367	.09251	.30458
24	Tl1908	.08934	.50334	-.00307	-.00465	-.00081	.19342
25	V_2924	.51306	.48621	-.00004	.00902	.00324	.20839
26	Zn2062	.96434	.48681	.00011	.06239	.00785	.22725
27	Sn1899	-.00029	.50526	-.00116	.00000	-.00029	.15926
28	Ag3280	.21826	.49354	.00032	-.00013	.00025	.05056
29	*Y	3564.34	3773.36	3787.95	3710.85	3770.1	3730.54
30	PB2203	.04952	.49446	-.00084	.00646	.00067	.19946
31	SE1960	.05380	.49817	.00020	.00130	-.00171	.19856

#	Element	AD8'7/MS	AD8'8/SD	AD856459	AD856460	AD856461	AD856462
1	Al3082	17.040	17.202	21.663	.14843	.04128	.04584
2	As1890	.21364	.21640	.02573	.06186	-.00197	-.00438
3	B_2496	.44286	.44765	.36669	.52845	.30501	.74771
4	Ba4934	.32665	.33114	.21160	.05144	.05859	.10215
5	Be3130	.20253	.20475	.00118	.00001	-.00001	.00009
6	Ca3179	237.09	236.57	445.05	158.77	102.51	197.26
7	Cd2265	.19862	.19975	.00568	-.00012	-.00017	-.00001
8	Co2286	.20306	.20439	.01723	.00034	.00004	.00210
9	Cr2677	.20798	.21000	.04974	-.00042	-.00042	-.00013
10	Cu3247	.23097	.23260	.26556	.00043	-.00001	.00316
11	Fe2714	21.378	21.012	31.301	2.2937	.02645	.02577
12	K_7664	26.414	26.772	21.841	8.2421	7.8011	9.4037
13	Mg2790	78.196	77.898	96.891	39.385	27.518	48.680
14	Mn2576	.40067	.39593	1.1208	.22156	.09998	1.3832
15	Mo2020	.20250	.20405	.01172	.00776	.00815	.00315
16	Na3302	199.13	197.94	100.42	40.325	58.642	74.555
17	Ni2316	.20846	.21017	.05304	.00035	.00089	.00501
18	2203/1	.20170	.20688	.03761	-.00029	.00244	-.00402
19	2203/2	.20810	.20772	.04432	-.00051	-.00208	.00043
20	Sb2068	.19604	.19959	.00315	-.00337	-.00281	-.00553
21	1960/1	.19928	.19952	.00065	.00035	.00666	.00516
22	1960/2	.20978	.20630	.00148	-.00424	-.00266	.00054
23	Ti3372	.29600	.29786	.19300	.00466	.00069	.00092
24	Tl1908	.19858	.20298	-.00078	-.00010	-.00254	-.00069
25	V_2924	.21192	.21348	.03101	.00034	-.00023	.00011
26	Zn2062	.22495	.23060	.97784	.00368	.00487	.01057
27	Sn1899	.21155	.21329	.01477	-.00185	-.00053	-.00209
28	Ag3280	.05188	.05351	.00124	-.00056	-.00001	-.00092
29	*Y	3728.18	3725.14	3786.68	3774.83	3757.69	3663.86
30	PB2203	.20597	.20744	.04208	-.00044	-.00057	-.00104
31	SE1960	.20628	.20403	.00120	-.00271	.00044	.00208

#	Element	AD856463	CCV	CCB	AD856464	AD856465	AD8'5/FB
1	Al3082	.06683	24.692	.00574	.14629	.03467	10.175
2	As1890	-.00400	.47767	-.00125	-.00126	-.00143	.20239
3	B_2496	.02633	.48535	-.00062	.03397	.03638	.20486
4	Ba4934	.07837	.49620	.00012	.07561	.05587	.20815
5	Be3130	-.00002	.49085	.00000	-.00003	-.00003	.20348
6	Ca3179	65.708	24.799	.00400	66.413	62.575	10.352
7	Cd2265	-.00012	.48700	.00001	-.00003	-.00005	.20433
8	Co2286	.00038	.48289	.00010	.00024	.00032	.20309
9	Cr2677	.00021	.50547	-.00054	.00033	-.00039	.20401
10	Cu3247	.00027	.48465	-.00057	.00025	.00104	.20147
11	Fe2714	1.1005	24.292	-.00283	14.390	.31110	10.191
12	K_7664	2.6529	24.850	-.00099	2.8767	3.2210	10.251
13	Mg2790	30.132	24.909	.00543	30.129	26.959	10.334
14	Mn2576	3.4070	.49440	.00008	3.1477	.01562	.20355
15	Mo2020	.00250	.49091	.00195	.01479	.01667	.20293
16	Na3302	88.884	24.488	.30905	88.820	75.397	10.521
17	Ni2316	.00091	.49242	.00052	.00101	.00332	.20295
18	2203/1	.00322	.48571	.00196	.00184	-.00198	.20376
19	2203/2	-.00248	.50142	-.00106	-.00136	.00090	.20774
20	Sb2068	-.00298	.51118	-.00141	-.00369	-.00129	.20578
21	1960/1	.00173	.48296	.00852	.00363	.00724	.19755
22	1960/2	.00049	.49587	-.00316	-.00548	.00113	.20260
23	Ti3372	.00175	.51591	.00053	.00590	.00019	.20497
24	Tl1908	-.00411	.49747	.00092	-.00375	.00129	.20882
25	V_2924	-.00034	.48909	-.00051	-.00015	.00005	.20332
26	Zn2062	.00236	.48893	.00033	.00623	.00281	.20258
27	Sn1899	.00116	.50982	-.00078	-.00012	-.00108	.20991
28	Ag3280	-.00020	.49658	.00017	-.00015	-.00011	.05193
29	*Y	3786.75	3770.48	3800.21	3768.83	3775.84	3820.8
30	PB2203	-.00058	.49619	-.00005	-.00029	-.00005	.20641
31	SE1960	.00091	.49156	.00072	-.00244	.00317	.20091

#	Element	AD8'1:5)	AD8'2/PB	AD8'LPSL	AD856504	AD8'1:5)	AD8'4/PS
1	Al3082	14.724	.00941	84.635	92.178	21.355	108.01
2	As1890	.00464	-.00377	1.2402	.02813	.00481	.39627
3	B_2496	.07060	-.00142	1.2737	.08130	.01980	.44008
4	Ba4934	.11118	.00009	2.1090	.80736	.18055	1.1596
5	Be3130	.00066	-.00002	1.0979	.00515	.00119	.36298
6	Ca3179	148.43	.04465	92.778	457.71	100.36	459.46
7	Cd2265	.00043	.00003	1.0005	.00224	.00046	.35405
8	Co2286	.00916	-.00007	1.2834	.07097	.01664	.42115
9	Cr2677	.02653	-.00040	2.2082	.14075	.03236	.49429
10	Cu3247	.04041	.00013	1.4877	.17873	.03808	.54197
11	Fe2714	28.961	-.00206	141.80	170.22	38.506	181.71
12	K_7664	7.8396	.02935	47.656	18.166	4.3561	37.607
13	Mg2790	77.271	.00398	44.243	110.24	24.607	124.76
14	Mn2576	1.0065	.00019	4.8431	4.4872	1.0046	4.6792
15	Mo2020	.00457	.00052	1.0815	.00961	.00109	.36875
16	Na3302	58.385	.13584	7.9964	1.8158	.44384	20.498
17	Ni2316	.02568	-.00025	1.2102	.17795	.04135	.51921
18	2203/1	.19089	-.00016	1.5327	.41213	.08867	.74306

#	Element	AD8'1:5)	AD8'2/PB	AD8'LPSL	AD856504	AD8'1:5)	AD8'4/PS
19	2203/2	.19300	-.00260	1.5743	.42251	.09824	.76429
20	Sb2068	-.00046	-.00241	.52290	.00144	-.00153	.36786
21	1960/1	.00409	.00423	.90731	-.00161	.00984	.35857
22	1960/2	.00013	.00329	.94271	.00101	-.00161	.36515
23	Ti3372	.25916	.00049	4.3500	1.7641	.44645	2.0925
24	Tl1908	-.00057	-.00220	1.5417	L-.01585	-.00507	.34527
25	V_2924	.02852	-.00066	1.1360	.17297	.03920	.53602
26	Zn2062	.13407	.00363	2.5843	.61070	.13919	.92749
27	Sn1899	-.00006	H.03250	1.0003	.02016	.00242	.30632
28	Ag3280	.00076	-.00024	.78470	.00024	-.00041	.09536
29	*Y	3842.29	3760.2	4068.15	3988.73	3858.56	3947.51
30	PB2203	.19230	-.00179	1.5605	.41906	.09505	.75722
31	SE1960	.00145	.00360	.93090	.00014	.00220	.36295

#	Element	AD8'5/MS	CCV	CCB	AD8'6/SD	AD856507	AD856508
1	Al3082	96.612	24.750	.00510	99.578	65.479	99.832
2	As1890	.39535	.48317	-.00195	.39864	.03786	.04091
3	B_2496	.42141	.48612	-.00021	.41842	.04222	.02883
4	Ba4934	1.0697	.50009	.00009	1.1273	.37068	.57175
5	Be3130	.36818	.49045	-.00001	.36504	.00466	.00336
6	Ca3179	H670.59	24.852	.00094	413.96	60.985	14.795
7	Cd2265	.35829	.48876	.00001	.35719	.00119	.00103
8	Co2286	.41824	.48450	.00050	.41477	.04494	.05684
9	Cr2677	.52590	.50533	-.00026	.53056	.06538	.12153
10	Cu3247	.61019	.48401	-.00051	.59887	.18994	.06028
11	Fe2714	192.66	24.286	-.00815	171.16	86.002	117.35
12	K_7664	33.008	24.951	-.00086	32.782	5.4864	7.8070
13	Mg2790	114.08	24.995	.00103	107.59	16.152	22.084
14	Mn2576	5.3348	.49472	.00009	4.7274	1.0787	.60344
15	Mo2020	.35479	.49446	.00297	.34885	.00702	.00742
16	Na3302	20.664	24.753	.18502	20.591	1.1849	.97580
17	Ni2316	.50924	.49297	-.00002	.50500	.12200	.11203
18	2203/1	1.3545	.49124	-.00131	1.3288	.30247	.14034
19	2203/2	1.3917	.50188	-.00136	1.3742	.30865	.14228
20	Sb2068	.13210	.51645	.00129	.13683	-.00064	-.00060
21	1960/1	.33652	.48577	.00137	.33745	.00885	-.00050
22	1960/2	.34211	.51104	.00070	.35230	.00328	-.00071
23	Ti3372	1.8549	.51736	.00039	2.0132	1.0730	1.1986
24	Tl1908	.35647	.51035	-.00815	.34939	-.00425	L-.01302
25	V_2924	.53054	.49118	.00014	.51913	.10800	.17900
26	Zn2062	1.1403	.49054	.00048	1.0358	.57357	.43809
27	Sn1899	.35620	.51034	-.00257	.35716	.01890	.04900
28	Ag3280	.09780	.49691	-.00006	.09684	.00055	.00026
29	*Y	3950.85	3781.61	3763.5	3969.6	3916.24	3874.46
30	PB2203	1.3793	.49834	-.00134	1.3591	.30659	.14163
31	SE1960	.34024	.50261	.00092	.34734	.00513	-.00064

#	Element	AD856509	AD856510	AD856511	AD856512	AD856513	AD856514
1	Al3082	.69810	.81312	.45337	.31446	.55009	.49028
2	As1890	.00564	.00607	.00262	.00127	.00594	.00091
3	B_2496	.04551	.07361	.02573	.01778	.03592	.02043
4	Ba4934	.37927	.21368	.10899	.17142	.20536	.17822
5	Be3130	.00025	.00004	.00000	-.00010	.00001	.00009
6	Ca3179	32.639	74.263	25.137	23.049	28.629	25.685
7	Cd2265	.01360	.00251	.00748	.00386	.00730	.00303
8	Co2286	.00143	.00118	.00085	.00070	.00119	.00082
9	Cr2677	.01806	.01657	.00924	.00750	.01645	.01070
10	Cu3247	.49952	.11693	.16945	.75791	.21450	.08070
11	Fe2714	1.9186	2.2817	.96579	.88792	1.0827	1.0474
12	K_7664	5.7919	8.4522	3.4596	2.8538	2.6619	1.4935
13	Mg2790	2.8653	4.1173	1.9578	1.9223	2.3614	2.1422
14	Mn2576	.06585	.34029	.04797	.03438	.07047	.04299
15	Mo2020	.00219	.00149	.00120	.00139	.00156	.00113
16	Na3302	13.939	11.133	10.419	9.9129	10.697	10.791
17	Ni2316	.07511	.01555	.01547	.01268	.01409	.01016
18	2203/1	1.4151	.16358	.09590	.21413	.16623	.14051
19	2203/2	1.4699	.16921	.10094	.21195	.17218	.14253
20	Sb2068	.00328	-.00171	-.00041	-.00138	-.00065	-.00416
21	1960/1	.01786	.01136	.00519	.01101	.00637	.00565
22	1960/2	.00186	.00287	-.00082	-.00046	.00060	.00255
23	Ti3372	.02270	.02312	.01499	.00943	.01393	.01164
24	Tl1908	-.00723	-.00996	-.00600	L-.01080	-.00950	-.00940
25	V_2924	.00353	.00163	.00139	.00104	.00134	.00120
26	Zn2062	1.5498	.76000	.78580	1.0178	.95106	.93005
27	Sn1899	.03907	.03145	.03149	.02794	.04162	.03199
28	Ag3280	.08336	.04013	.03161	.06122	.03228	.03896
29	*Y	3510.3	3658.65	3696.45	3759.64	3683.74	3690.04
30	PB2203	1.4516	.16734	.09926	.21268	.17020	.14185
31	SE1960	.00720	.00570	.00118	.00336	.00252	.00358

#	Element	AD856515	CCV	CCB	AD856516	AD856517	AD856518
1	Al3082	.45891	24.633	.00861	.55191	.37492	.78941
2	As1890	.00381	.47654	-.00369	.00556	.00211	.00349
3	B_2496	.02616	.48483	-.00116	.03077	.02366	.01878
4	Ba4934	.29234	.49704	.00007	.16212	.25621	.70540
5	Be3130	-.00007	.48496	-.00003	-.00015	-.00001	.00000
6	Ca3179	24.920	24.543	.00968	25.391	25.903	27.502
7	Cd2265	.00347	.48212	.00002	.01058	.00764	.00487
8	Co2286	.00056	.47857	.00035	.00133	.00079	.00112
9	Cr2677	.00959	.49843	-.00045	.01480	.02373	.01599
10	Cu3247	.12014	.48422	-.00054	.41820	.17627	.26478
11	Fe2714	1.4957	23.987	.00316	3.0909	.87139	2.1759
12	K_7664	2.4972	24.712	.00680	4.1585	2.7338	3.2865
13	Mg2790	1.9665	24.669	.00513	2.2177	1.9696	2.4143
14	Mn2576	.04876	.48870	.00016	.06608	.03787	.07392
15	Mo2020	.00207	.48771	.00250	.00192	.00174	.00023
16	Na3302	10.684	24.582	.10535	10.084	10.421	10.360
17	Ni2316	.00875	.48839	.00005	.02577	.01259	.01110
18	2203/1	.09147	.47983	.00020	.18288	.16550	.27264

#	Element	AD856515	CCV	CCB	AD856516	AD856517	AD856518
19	2203/2	.08505	.49849	-.00251	.18923	.17027	.28480
20	Sb2068	.00002	.51412	.00065	-.00119	-.00194	.00105
21	1960/1	.00898	.47547	.00958	.00293	.00593	.00380
22	1960/2	-.00140	.50214	.00207	.00119	-.00269	-.00033
23	Ti3372	.01044	.51443	.00042	.01491	.01128	.02276
24	Tl1908	L-.01081	Q.27856	H.02183	.00252	-.00765	-.00659
25	V_2924	.00055	.48586	-.00032	.00139	.00134	.00165
26	Zn2062	.90356	.48154	.00069	.86709	.72965	1.0114
27	Sn1899	.02624	.50003	-.00293	.05222	.04821	.04789
28	Ag3280	.06146	.49422	-.00023	.18343	.03878	.13994
29	*Y	3748.58	3853.01	3798.49	3822.41	3704.4	3696.45
30	PB2203	.08719	.49228	-.00160	.18712	.16868	.28075
31	SE1960	.00205	.49325	.00457	.00177	.00018	.00104

#	Element	AD856519	AD856520	AD8'7/PB	AD8'6/FB	AD856547	AD856548
1	Al3082	102.35	69.811	.02944	10.395	.21805	.05643
2	As1890	.06894	.05973	-.00245	.20847	-.00156	-.00199
3	B_2496	.23041	.08772	.00264	.20724	.07233	.24138
4	Ba4934	.53318	.72828	.00000	.21376	.03185	.05579
5	Be3130	.01038	.00716	-.00010	.20557	-.00009	-.00005
6	Ca3179	H663.91	282.92	.06580	10.470	37.326	33.318
7	Cd2265	.01021	.00509	.00002	.20634	-.00003	-.00007
8	Co2286	.08306	.10195	.00006	.20585	.00051	.00703
9	Cr2677	.27132	.65647	-.00031	.20550	.00670	.00069
10	Cu3247	.35172	.44970	-.00086	.20471	.00131	-.00020
11	Fe2714	208.53	H843.87	H.05264	10.271	.16007	8.2467
12	K_7664	16.410	8.8379	-.00656	10.459	2.1972	1.3531
13	Mg2790	74.339	47.565	.00231	10.458	.41955	8.8251
14	Mn2576	7.9973	9.0757	.00063	.20490	.00323	3.9079
15	Mo2020	.02174	.08535	.00034	.20497	.00387	.00031
16	Na3302	2.6329	1.4595	-.11874	10.790	17.899	20.904
17	Ni2316	.29645	.32878	.00002	.20588	.00249	.00325
18	2203/1	.67018	1.1096	-.00324	.20009	-.00031	-.00210
19	2203/2	.69368	1.1403	-.00008	.21019	.00037	-.00165
20	Sb2068	.00172	.00362	-.00339	.21141	-.00021	-.00219
21	1960/1	.00844	.01569	.00095	.20991	.00806	.00291
22	1960/2	-.00364	-.02057	-.00023	.21005	.00161	-.00351
23	Ti3372	1.3480	.40520	.00012	.20832	.00641	.00043
24	Tl1908	L-.02675	L-.10610	.00123	L.12875	.01109	.00635
25	V_2924	.18259	.10737	-.00005	.20675	.01800	-.00012
26	Zn2062	1.6510	2.6171	.00105	.20467	.00424	.01152
27	Sn1899	.04209	.06463	-.00139	.21188	-.00277	-.00133
28	Ag3280	.00129	.00121	-.00035	.05231	-.00005	-.00011
29	*Y	4062.34	3927.56	3819.19	3819.41	3798.68	3807.11
30	PB2203	.68586	1.1301	-.00113	.20682	.00014	-.00180
31	SE1960	.00038	-.00848	.00016	.21000	.00376	-.00137

#	Element	AD856549	CCV	CCB	AD856550	AD856551	AD856552
1	Al3082	.02541	24.738	.01686	.02456	.05960	.06260
2	As1890	-.00455	.48241	-.00386	-.00109	-.00109	-.00087
3	B_2496	.00972	.48511	-.00044	.04554	.42951	.42966
4	Ba4934	.04824	.50054	.00026	.25751	.15708	.16321
5	Be3130	-.00006	.48764	.00000	-.00003	-.00001	-.00002
6	Ca3179	86.902	24.693	.01271	129.99	137.11	169.04
7	Cd2265	-.00005	.48419	.00001	-.00012	-.00010	.00000
8	Co2286	.00097	.48042	.00029	.00051	.00126	.00116
9	Cr2677	.00168	.50014	-.00021	-.00037	-.00006	-.00022
10	Cu3247	.00043	.48565	-.00043	-.00056	.00044	.00486
11	Fe2714	.00008	24.062	.00035	.17542	.36946	.01793
12	K_7664	.55744	24.789	.00337	1.1944	8.4622	9.0594
13	Mg2790	47.138	24.809	.00639	43.705	35.598	46.004
14	Mn2576	.00116	.48943	.00020	.02150	.89471	1.0093
15	Mo2020	.00054	.49014	.00156	.00356	.00984	.00631
16	Na3302	14.358	24.725	.14529	6.8784	37.714	40.004
17	Ni2316	.00160	.48900	.00033	.00134	.00252	.00408
18	2203/1	-.00353	.47913	-.00037	-.00102	-.00095	.00006
19	2203/2	-.00138	.49960	-.00211	-.00082	-.00073	-.00228
20	Sb2068	-.00392	.51522	-.00018	-.00190	-.00488	-.00120
21	1960/1	.00284	.47645	-.00339	.00812	.00533	.00752
22	1960/2	-.00344	.50635	.00246	-.00262	.00144	-.00888
23	Ti3372	.00001	.51808	.00077	-.00004	.00072	.00091
24	Tl1908	.00537	Q.36249	H.02899	.01147	.00469	.00506
25	V_2924	.00099	.48817	.00013	.00000	.00024	.00067
26	Zn2062	.00326	.48359	.00040	.00525	.02143	.01259
27	Sn1899	-.00038	.49966	-.00020	-.00130	-.00304	-.00141
28	Ag3280	-.00026	.49513	-.00004	.00021	-.00028	.00011
29	*Y	3763.05	3775.73	3793.39	3754.24	3756.83	3749.51
30	PB2203	-.00209	.49278	-.00153	-.00089	-.00080	-.00150
31	SE1960	-.00134	.49638	.00051	.00095	.00273	-.00341

#	Element	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD856555	AD856556
1	Al3082	.02656	10.275	10.332	10.365	.02201	.04152
2	As1890	L-.00508	.20216	.20952	.20835	-.00205	-.00337
3	B_2496	.08321	.62201	.63374	.63379	.02882	.43736
4	Ba4934	.03249	.36900	.37848	.37883	.17960	.05337
5	Be3130	-.00006	.20568	.20592	.20555	-.00007	-.00002
6	Ca3179	33.557	175.19	181.21	181.40	97.624	130.02
7	Cd2265	.00012	.20214	.20196	.20138	-.00014	.00000
8	Co2286	.00086	.20215	.20363	.20289	-.00029	.00064
9	Cr2677	-.00008	.20309	.20444	.20335	-.00076	.00000
10	Cu3247	.00035	.20872	.21145	.21071	.03264	.00331
11	Fe2714	.00212	10.200	10.231	10.217	-.01343	-.00993
12	K_7664	1.6350	19.728	20.058	20.091	1.5028	6.9520
13	Mg2790	9.1687	55.357	56.906	56.884	30.208	41.518
14	Mn2576	.20216	1.1876	1.2229	1.2209	.00093	.00092
15	Mo2020	.00134	.21132	.21112	.21032	.00262	.00479
16	Na3302	8.1121	48.988	50.406	50.414	6.5675	28.091
17	Ni2316	.00105	.20455	.20489	.20461	.00065	.00124
18	2203/1	-.00246	.19365	.19815	.19552	.00139	-.00308

#	Element	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD856555	AD856556
19	2203/2	-.00106	.20328	.20645	.20372	-.00187	-.00070
20	Sb2068	-.00137	.21252	.21815	.21211	-.00187	-.00134
21	1960/1	-.00364	.19588	.19452	.19708	.00821	-.00432
22	1960/2	-.00027	.21299	.21015	.20604	-.00156	-.00303
23	Ti3372	.00006	.20868	.20886	.20841	.00036	-.00019
24	Tl1908	.00371	.15285	.16755	.17466	.01711	.01164
25	V_2924	.00009	.20794	.20757	.20668	-.00079	-.00013
26	Zn2062	.00273	.21052	.20896	.20882	.07418	.01620
27	Sn1899	-.00415	.16354	.20882	.20913	-.00081	-.00201
28	Ag3280	-.00037	.05229	.05289	.05288	-.00050	-.00059
29	*Y	3788.44	3756.56	3746.29	3758.06	3789.41	3762.83
30	PB2203	-.00152	.20007	.20369	.20099	-.00078	-.00149
31	SE1960	-.00139	.20728	.20494	.20305	.00169	-.00346

#	Element	AD856557	CCV	CCB	STD BLK	STD 1	STD 2
1	Al3082	.05151	24.717	.01440	.05381	8.36399	41.2128
2	As1890	.06148	.47720	L-.00550	.04099	.44073	2.03253
3	B_2496	.53487	.48689	-.00024	.06945	1.45272	6.9987
4	Ba4934	.05118	.49915	.00019	.0088	4.68227	23.1857
5	Be3130	-.00001	.48873	.00005	.23405	7.84986	38.1024
6	Ca3179	162.05	24.696	.01535	.03144		
7	Cd2265	-.00017	.48521	.00007	-.01383	10.9675	54.3191
8	Co2286	.00051	.48088	.00041	-.00408	.61698	3.08684
9	Cr2677	-.00045	.50209	-.00010	.00375	1.87309	9.29187
10	Cu3247	.00009	.48477	.00004	.03239	.95402	4.63187
11	Fe2714	2.2782	24.202	.00861	.00017	1.8698	9.28604
12	K_7664	8.3624	24.806	.01214	-.08473		
13	Mg2790	40.147	24.827	.00991	.03548		
14	Mn2576	.22383	.49116	.00019	.00205	1.31874	6.56356
15	Mo2020	.00811	.49081	.00203	.00654	.8509	4.21703
16	Na3302	41.149	24.659	.23872	-.00043		
17	Ni2316	.00062	.48987	.00031	-.04547	4.82244	24.1632
18	2203/1	-.00366	.48164	-.00106	-.00505	1.24582	6.01658
19	2203/2	.00018	.49861	-.00126	-.01062	1.31215	6.54163
20	Sb2068	-.00054	.51499	.00252	-.00664	.30071	1.52619
21	1960/1	.00617	.48673	.00431	-.02859	.28587	1.42931
22	1960/2	-.00163	.50137	-.00082	.01194	.50648	2.59388
23	Ti3372	.00097	.51654	.00051	.11038	5.34409	26.1266
24	Tl1908	.00716	Q.40892	H.02831	.02359	.19702	.99612
25	V_2924	-.00045	.48658	.00014	.0022	.28389	1.40626
26	Zn2062	.00443	.48577	.00077	.00055	.1904	.89812
27	Sn1899	-.00098	.50675	.00020	-.03814	1.14297	5.87694
28	Ag3280	-.00045	.49620	.00000	-.00019	1.61385	8.0751
29	*Y	3760.5	3763.91	3756.71	3676.28	3791.85	3774.56
30	PB2203	-.00109	.49296	-.00120			
31	SE1960	.00096	.49649	.00088			

#	Element	STD 3	STD' VER	ICV	ICB	CRI	ICSA
1	Al3082	83.7596	50.266	18.711	.00490	.20971	517.49
2	As1890	4.04053	1.0085	.35843	.00272	.00927	-.00278
3	B_2496	14.0158	1.0045	.36955	-.00029	.02320	.00265
4	Ba4934	46.9459	1.0048	.37497	.00019	.00198	.00110
5	Be3130	75.9698	.99569	.37309	.00003	.00198	.00088
6	Ca3179	61.4274	50.106	18.709	.00451	.50269	522.48
7	Cd2265	107.89	.98915	.36959	.00007	.00116	.00079
8	Co2286	6.16502	.99462	.36680	.00000	.00445	.00106
9	Cr2677	18.6112	.99488	.38260	.00026	.00433	-.00261
10	Cu3247	9.33679	1.0056	.36558	.00019	.01039	.00150
11	Fe2714	18.564	49.669	18.442	.00827	.05279	196.09
12	K_7664	71.3365	50.069	18.669	.01111	.47652	.01349
13	Mg2790	109.188	50.039	18.748	.00626	.20782	514.47
14	Mn2576	13.1231	.99561	.37538	.00018	.00310	.00157
15	Mo2020	8.49915	1.0011	.37867	.00235	.01115	.00256
16	Na3302	3.06735	49.616	18.358	.23448	1.1233	.06844
17	Ni2316	48.3366	.99698	.37559	.00027	.00946	.00031
18	2203/1	12.0883	.97904	.37281	.00245	.00356	-.00333
19	2203/2	13.098	.99536	.37638	.00065	.00587	.00565
20	Sb2068	3.08102	1.0073	.38903	.00716	.02184	.00406
21	1960/1	2.88359	.96100	.36933	.00324	.01954	.00730
22	1960/2	5.16916	1.0128	.38367	-.00202	.01660	-.00583
23	Ti3372	52.6894	1.0029	.38851	.00021	.00437	.00126
24	Tl1908	2.21096	1.1417	Q.43537	H.02640	.02613	Q-.04307
25	V_2924	2.82144	.99941	.36860	-.00045	.00497	-.00075
26	Zn2062	1.78302	.97496	.37052	.00031	.01130	-.00465
27	Sn1899	11.7933	.99384	.38489	.00055	.01289	.00724
28	Ag3280	16.3066	1.0032	.37570	.00042	.00255	.00068
29	*Y	3726.83	3734.4	3767.33	3761.59	3767.03	3526.91
30	PB2203		.98993	.37519	.00125	.00510	.00266
31	SE1960		.99553	.37889	-.00026	.01758	-.00145

#	Element	ICSAB	CCV	CCB	AD856558	AD856559	AD856560
1	Al3082	520.85	24.559	.00599	.07390	.02326	.03648
2	As1890	.10761	.47890	.00131	.00133	.00049	.00117
3	B_2496	.01476	.48334	.00022	.30307	.72408	.07473
4	Ba4934	.52647	.49268	.00032	.05690	.03970	.24962
5	Be3130	.50149	.49015	.00001	-.00006	-.00001	-.00006
6	Ca3179	524.66	24.629	.01679	102.48	260.31	147.99
7	Cd2265	.98302	.48578	.00011	-.00001	-.00006	-.00017
8	Co2286	.49273	.48220	-.00001	.00015	.00080	.00108
9	Cr2677	.50545	.50176	-.00010	.00005	.00004	.00042
10	Cu3247	.52587	.48191	.00015	.00133	.00260	.00185
11	Fe2714	97.890	24.205	.00220	.00185	.00549	4.3879
12	K_7664	.01489	24.649	.02488	7.8445	11.875	2.7157
13	Mg2790	509.69	24.535	.01273	27.503	62.374	40.234
14	Mn2576	.49727	.49337	.00014	.09043	1.4300	1.7774
15	Mo2020	.00171	.49285	.00182	.00685	.00605	.00086
16	Na3302	.20637	24.363	.32838	58.604	157.45	10.709
17	Ni2316	.97596	.49378	-.00008	.00086	.00346	.00111
18	2203/1	.04407	.48736	.00585	-.00037	.00206	-.00030

#	Element	ICSAB	CCV	CCB	AD856558	AD856559	AD856560
19	2203/2	.05270	.49314	-.00233	.00117	-.00042	-.00052
20	Sb2068	.64623	.50860	.00472	.00221	.00403	-.00045
21	1960/1	.05629	.47546	.00970	.00351	.01214	.00418
22	1960/2	.05784	.50411	.00074	.00191	-.00176	.00011
23	Ti3372	.00242	.51333	.00048	-.00020	-.00015	.00027
24	Tl1908	Q.07807	.52131	.01905	-.00221	-.00594	-.00614
25	V_2924	.51275	.48500	-.00045	-.00063	-.00025	.00085
26	Zn2062	.95903	.48391	.00104	.00536	.02010	.02922
27	Sn1899	.00322	.50142	.00394	.00180	.00562	.00525
28	Ag3280	.21818	.49526	.00086	-.00058	.00014	-.00011
29	*Y	3544.58	3772.16	3756.64	3747.56	3714.9	3754.76
30	PB2203	.04983	.49122	.00039	.00066	.00040	-.00045
31	SE1960	.05732	.49455	.00373	.00244	.00287	.00147

#	Element	AD856561	AD856562	AD856563	AD856564	AD856565	AD8'9/PB
1	Al3082	.02213	.01613	.02499	.02022	.06116	.03473
2	As1890	.00704	-.00073	.00038	.00066	.00175	.00118
3	B_2496	.10198	.48258	.17410	.05856	.48454	.00082
4	Ba4934	.41386	.06065	.10554	.14418	.07153	.00013
5	Be3130	-.00004	-.00008	-.00005	-.00007	-.00006	-.00010
6	Ca3179	170.70	84.711	123.82	78.337	107.15	.01462
7	Cd2265	-.00010	-.00003	-.00003	-.00007	-.00005	-.00002
8	Co2286	.00251	.00019	.00033	-.00001	.00025	.00000
9	Cr2677	.00000	-.00008	.00043	-.00004	.00035	.00028
10	Cu3247	.00325	.00194	.00350	.00187	.00039	.00072
11	Fe2714	6.2015	-.01034	.00005	.01498	.05076	-.00136
12	K_7664	6.5020	7.6741	3.6755	2.8466	7.5430	.00805
13	Mg2790	47.360	23.109	40.412	31.865	29.951	-.00007
14	Mn2576	.98005	.36593	.00045	.11718	.37749	-.00003
15	Mo2020	.00011	.01868	.00151	.00625	.00293	.00109
16	Na3302	12.541	87.176	12.667	7.2549	41.689	.07691
17	Ni2316	.00176	.00103	.00139	.00063	.00120	-.00008
18	2203/1	-.00110	.00283	-.00014	.00224	.00045	-.00078
19	2203/2	.00146	-.00064	.00062	-.00068	-.00013	.00042
20	Sb2068	-.00044	-.00192	-.00083	.00302	.00331	.00152
21	1960/1	.00063	.01259	.00934	.00545	.00167	-.00024
22	1960/2	.00048	.00127	.00254	.00216	-.00023	.00160
23	Ti3372	-.00037	-.00030	-.00022	.00005	.00017	.00003
24	Tl1908	-.00845	-.00740	-.00787	-.00482	-.00891	-.00972
25	V_2924	-.00002	.00046	-.00026	-.00068	-.00030	-.00050
26	Zn2062	.17699	.02150	.00697	.01162	.00406	.00189
27	Sn1899	.00233	.00319	.00380	.00431	.00334	.00268
28	Ag3280	-.00022	-.00008	.00020	.00011	.00053	-.00034
29	*Y	3760.8	3752.85	3746.59	3781.24	3736.54	3799.88
30	PB2203	.00060	.00051	.00037	.00029	.00005	.00002
31	SE1960	.00053	.00505	.00480	.00325	.00040	.00098

#	Element	AD8'8/FB	CCV	CCB	AD856132	AD856133	AD856134
1	Al3082	10.183	24.590	.00021	.19567	.20723	.02665
2	As1890	.20667	.48264	-.00029	-.00291	.00182	.00108
3	B_2496	.20155	.48379	.00101	.09289	.04349	.05763
4	Ba4934	.20771	.49343	.00001	.13492	.09654	.08730
5	Be3130	.20354	.49014	-.00006	.00015	.00063	.00041
6	Ca3179	10.243	24.617	.01494	485.51	C.00000	H1268.8
7	Cd2265	.20363	.48562	.00004	.00005	.00012	-.00002
8	Co2286	.20258	.48215	-.00011	.00011	.01986	.00125
9	Cr2677	.20284	.50287	-.00016	.01509	.22930	.00409
10	Cu3247	.20104	.48232	.00008	.00292	.01417	.00098
11	Fe2714	10.159	24.191	.00221	.16230	1.7605	.08043
12	K_7664	10.278	24.677	.01649	7.1181	9.9527	8.6945
13	Mg2790	10.221	24.664	.00238	53.828	112.92	70.564
14	Mn2576	.20335	.49309	-.00003	.21041	1.0732	.05092
15	Mo2020	.20216	.49315	.00091	.00110	.00768	.00671
16	Na3302	10.532	24.568	.13526	306.54	111.46	89.627
17	Ni2316	.20309	.49283	-.00066	.00680	1.2666	.40242
18	2203/1	.20292	.48793	.00110	.00053	-.00103	.00237
19	2203/2	.20578	.49213	.00141	.00085	.00152	-.00275
20	Sb2068	.20318	.50340	.00400	.00198	.00133	.00498
21	1960/1	.20357	.48023	.00716	.00133	.00399	.01392
22	1960/2	.20696	.50486	-.00379	-.00126	.00448	-.00448
23	Ti3372	.20344	.51445	-.00026	.00387	-.00017	.00026
24	Tl1908	.20166	.54276	.01006	-.00920	L-.01675	-.00719
25	V_2924	.20227	.48515	-.00101	.00004	-.00045	-.00092
26	Zn2062	.19995	.48445	.00010	.00761	.04693	.00425
27	Sn1899	.21277	.50156	.00152	.00137	.00334	.00458
28	Ag3280	.05164	.49510	-.00023	.00009	-.00089	.00008
29	*Y	3779.1	3752.74	3758.96	3619.12	3524.55	3578.81
30	PB2203	.20483	.49073	.00131	.00074	.00067	-.00104
31	SE1960	.20583	.49665	-.00014	-.00040	.00432	.00165

#	Element	AD856135	AD856136	AD856137	AD856138	AD856139	AD856140
1	Al3082	.22356	1.0599	.03910	.01539	.10670	.12512
2	As1890	-.00209	.00225	.00093	-.00043	.00059	-.00155
3	B_2496	.09767	.09707	.04251	.07503	.01426	.01274
4	Ba4934	.21541	.11512	.01394	.07060	.01393	.05794
5	Be3130	.00062	.00028	.00021	-.00005	.00008	.00022
6	Ca3179	C.00000	H747.82	H679.91	144.05	400.05	H664.76
7	Cd2265	-.00011	-.00001	-.00006	-.00001	.00000	.00009
8	Co2286	.00019	.00087	.00364	.00044	-.00010	.00702
9	Cr2677	.00654	.02806	.12723	.00059	.00131	.00188
10	Cu3247	.00139	.00267	.00352	.00062	.00076	.00268
11	Fe2714	2.2453	1.1548	.50177	.01796	12.823	.35528
12	K_7664	11.168	7.2092	3.1368	3.1391	.89404	5.7324
13	Mg2790	79.590	85.521	233.82	32.882	313.59	106.56
14	Mn2576	.54190	.23668	1.1036	.22168	.49652	1.5755
15	Mo2020	.00034	.00408	.01177	.00261	.00258	.02769
16	Na3302	184.66	296.22	146.43	246.61	107.09	140.28
17	Ni2316	.00469	.05236	.46934	.00034	.00102	.00624
18	2203/1	-.00018	.00242	.00114	-.00081	.00156	-.00098

#	Element	AD856135	AD856136	AD856137	AD856138	AD856139	AD856140
19	2203/2	-.00071	-.00082	.00041	.00061	-.00101	.00054
20	Sb2068	.00411	-.00149	.00372	.00038	.00267	.00205
21	1960/1	.00877	.00658	.00261	.00151	.00837	.00203
22	1960/2	-.00133	-.00377	.00536	.00039	.00006	.00502
23	Ti3372	.00523	.02960	.00072	.00026	.00235	.00166
24	Tl1908	L-.01088	-.00719	L-.01219	L-.01126	L-.01701	-.00860
25	V_2924	.00059	.00161	-.00097	-.00030	-.00107	-.00037
26	Zn2062	.00533	.01032	.05557	.00113	.00976	1.0585
27	Sn1899	.00296	.00404	.00169	.00164	.00208	.00436
28	Ag3280	-.00013	-.00029	-.00050	-.00037	.00016	.00060
29	*Y	3528.38	3595.35	3615.19	3724.43	3630.68	3616.2
30	PB2203	-.00053	.00025	.00065	.00013	-.00015	.00003
31	SE1960	.00203	-.00032	.00444	.00076	.00283	.00402

#	Element	AD856141	CCV	CCB	AD856142	AD856143	AD856144
1	Al3082	.09944	24.627	.00220	.00651	.05318	.73262
2	As1890	.00002	.47907	.00147	-.00012	.00028	.00004
3	B_2496	.05287	.48300	.00050	.05132	.03962	.70990
4	Ba4934	.05139	.49219	.00019	.05629	.08933	.15012
5	Be3130	.00000	.49097	-.00001	.00005	.00001	.00009
6	Ca3179	153.80	24.658	.01676	231.22	212.99	355.31
7	Cd2265	.00010	.48586	.00008	.00005	.00004	.00004
8	Co2286	.00031	.48211	-.00022	.00040	.00006	.00231
9	Cr2677	.00620	.50205	-.00023	.00026	.00426	.16467
10	Cu3247	.00084	.48180	.00015	.00028	.00233	.01225
11	Fe2714	.48046	24.209	.00006	.16831	1.1806	4.9563
12	K_7664	9.9840	24.702	.00585	12.927	18.206	7.7933
13	Mg2790	102.98	24.592	.00770	74.413	50.810	97.919
14	Mn2576	.17755	.49232	-.00002	.05184	.05473	.33824
15	Mo2020	.03965	.49210	.00213	.00626	.00171	.00736
16	Na3302	218.44	24.423	.29895	206.43	157.47	203.54
17	Ni2316	.00614	.49384	-.00040	.00021	.00301	.10551
18	2203/1	.00051	.48716	.00345	.00073	.00027	.00342
19	2203/2	.00238	.49235	-.00336	-.00034	.00284	.00171
20	Sb2068	-.00123	.50082	.00372	.00270	.00153	.00535
21	1960/1	.00621	.47855	.00667	-.00001	.00441	.00451
22	1960/2	.00550	.50419	-.00087	.00245	-.00219	-.00111
23	Ti3372	.00203	.51419	.00018	-.00029	.00092	.01315
24	Tl1908	L-.01339	.54459	-.00092	-.00828	L-.01417	-.00923
25	V_2924	-.00047	.48375	-.00045	-.00053	-.00080	.00093
26	Zn2062	.04321	.48517	.00031	.00123	.33731	.02738
27	Sn1899	.00238	.50389	.00412	.00281	.00444	.00119
28	Ag3280	-.00013	.49573	.00055	.00046	.00014	.00029
29	*Y	3675	3742.65	3759.11	3657.79	3684.23	3670.01
30	PB2203	.00176	.49062	-.00109	.00001	.00198	.00228
31	SE1960	.00574	.49564	.00164	.00163	.00001	.00076

#	Element	AD856145	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV
1	Al3082	1.2951	.31035	11.687	10.715	10.728	24.631
2	As1890	.00345	.00087	.21220	.21452	.21514	.47976
3	B_2496	.16509	.03283	.36985	.37966	.38086	.48359
4	Ba4934	.06950	.01407	.27467	.27577	.27634	.49181
5	Be3130	.00007	.00000	.20627	.20480	.20517	.49126
6	Ca3179	160.10	31.702	166.93	167.70	168.35	24.685
7	Cd2265	.00018	-.00005	.20341	.20260	.20247	.48712
8	Co2286	.00169	.00034	.20462	.20510	.20479	.48313
9	Cr2677	.08697	.01760	.28911	.30319	.30844	.50280
10	Cu3247	.00938	.00249	.21443	.21170	.21193	.48159
11	Fe2714	1.3702	.27552	11.521	10.500	10.513	24.237
12	K_7664	1.2042	.19750	14.263	13.982	13.924	24.778
13	Mg2790	73.948	14.782	83.028	81.858	82.013	24.656
14	Mn2576	.22156	.04404	.42267	.42399	.42428	.49377
15	Mo2020	.00639	.00086	.21617	.21567	.21574	.49375
16	Na3302	H728.74	149.15	H723.47	H748.04	H750.13	24.441
17	Ni2316	.02402	.00491	.22469	.21349	.21394	.49348
18	2203/1	.00073	.00404	.20694	.20162	.20248	.49259
19	2203/2	.00342	.00081	.20281	.20563	.20359	.49321
20	Sb2068	.00404	.00106	.21248	.21419	.21469	.50264
21	1960/1	.00854	.00343	.21235	.21026	.21331	.48872
22	1960/2	.00317	-.00002	.21145	.21626	.21266	.49440
23	Ti3372	.02986	.00665	.23825	.21183	.21322	.51297
24	Tl1908	L-.01349	-.00558	.20912	.22286	.22211	Q.56428
25	V_2924	.00449	.00078	.21058	.20870	.20826	.48389
26	Zn2062	.02553	.00480	.22559	.21083	.21044	.48626
27	Sn1899	.00126	.00208	.16627	.21211	.21310	.50312
28	Ag3280	.00000	-.00016	.05328	.05502	.05427	.49692
29	*Y	3587.06	3726.3	3603.34	3590.33	3602.1	3750.04
30	PB2203	.00252	.00188	.20419	.20429	.20322	.49300
31	SE1960	.00496	.00112	.21175	.21426	.21288	.49250

#	Element	CCB
1	Al3082	.00438
2	As1890	-.00096
3	B_2496	.00087
4	Ba4934	.00010
5	Be3130	.00003
6	Ca3179	.02484
7	Cd2265	-.00006
8	Co2286	-.00005
9	Cr2677	.00019
10	Cu3247	.00038
11	Fe2714	.01083
12	K_7664	.00891
13	Mg2790	.00757
14	Mn2576	.00003
15	Mo2020	.00190
16	Na3302	.12520
17	Ni2316	-.00047
18	2203/1	.00065

#	Element	CCB
19	2203/2	.00062
20	Sb2068	.00177
21	1960/1	.00862
22	1960/2	-.00277
23	Ti3372	-.00021
24	Tl1908	.00009
25	V_2924	-.00049
26	Zn2062	.00061
27	Sn1899	.00305
28	Ag3280	.00052
29	*Y	3740.89
30	PB2203	.00063
31	SE1960	.00102

Curvefit Fit Status Summary 08/27/08 10:45:17 AM page 1

Method: TRACE2
Mode: Concentration
Standards Table: NAKCAMG
Data File: AAUG2708

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
Ca3179	317.933	08/27/08 10:44	Full Fit	.999996
K_7664	766.491	08/27/08 10:44	Full Fit	.999930
Mg2790	279.078	08/27/08 10:44	Full Fit	.999988
Na3302	330.232	08/27/08 10:44	Full Fit	.999997

Calibration Report 08/27/08 10:12:04 AM page 1

Method: TRACE2 Standard Name: STD BLK Operator:
Run Time: 08/27/08 10:08:40
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0105252	-.056086	.0023201	-.001050
SDev	.0001268	.006183	.0039339	.005074
%RSD	1.204478	11.02458	169.5522	483.3516
#1	.0106148	-.060458	-.000462	.0025383
#2	.0104355	-.051714	.0051018	-.004638
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4323	--	--	--	--	--	--
SDev	15.11441	--	--	--	--	--	--
%RSD	.3496368	--	--	--	--	--	--
#1	4334	--	--	--	--	--	--
#2	4312	--	--	--	--	--	--

Calibration Report 08/27/08 10:17:14 AM page 1

Method: TRACE2 Standard Name: STD 1 Operator:
Run Time: 08/27/08 10:13:50
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.179123	8.170120	10.64920	.2820955
SDev	.005974	.018359	.01150	.0030609
%RSD	.0966869	.2247111	.1080307	1.085071
#1	6.174899	8.183103	10.65734	.2842600
#2	6.183348	8.157139	10.64107	.2799312
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4348	--	--	--	--	--	--
SDev	5.462469	--	--	--	--	--	--
%RSD	.1256379	--	--	--	--	--	--
#1	4352	--	--	--	--	--	--
#2	4344	--	--	--	--	--	--

Calibration Report 08/27/08 10:22:48 AM page 1

Method: TRACE2 Standard Name: STD 2 Operator:
Run Time: 08/27/08 10:19:24
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	30.78313	38.47779	54.04295	1.500892
SDev	.09836	.03371	.02001	.016452
%RSD	.3195409	.0876074	.0370298	1.096167
#1	30.71357	38.45396	54.05710	1.489258
#2	30.85268	38.50163	54.02880	1.512525
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	3.924650	--	--	--	--	--	--
%RSD	.0910143	--	--	--	--	--	--
#1	4315	--	--	--	--	--	--
#2	4309	--	--	--	--	--	--

Calibration Report 08/27/08 10:28:18 AM page 1

Method: TRACE2 Standard Name: STD 3 Operator:
Run Time: 08/27/08 10:24:54
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	61.43969	72.78342	109.0062	3.092645
SDev	.06225	.07694	.0179	.010484
%RSD	.1013110	.1057117	.0164260	.3390015
#1	61.39568	72.72901	108.9936	3.100058
#2	61.48371	72.83782	109.0189	3.085231
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0668450	--	--	--	--	--	--
#1	4282	--	--	--	--	--	--
#2	4287	--	--	--	--	--	--

Calibration Report 08/27/08 10:33:47 AM page 1

Method: TRACE2 Standard Name: NAKCAMG100 Operator:
Run Time: 08/27/08 10:30:23
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	121.0717	132.8472	220.3513	6.398675
SDev	.0106	.3496	.5035	.011918
%RSD	.0087335	.2631953	.2284873	.1862539
#1	121.0791	132.6000	219.9953	6.407103
#2	121.0642	133.0944	220.7073	6.390248
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4285	--	--	--	--	--	--
SDev	7.318624	--	--	--	--	--	--
%RSD	.1707794	--	--	--	--	--	--
#1	4280	--	--	--	--	--	--
#2	4291	--	--	--	--	--	--

Calibration Report 08/27/08 10:39:15 AM page 1

Method: TRACE2 Standard Name: NAKCAMG400 Operator:
Run Time: 08/27/08 10:35:51
Comment:
Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	444.0940	402.4448	934.5480	27.89040
SDev	1.9722	.0565	2.2422	.13970
%RSD	.4440970	.0140378	.2399242	.5008974
#1	445.4886	402.4049	936.1334	27.98919
#2	442.6994	402.4847	932.9625	27.79162
Factor	1.000000	1.000000	1.000000	1.000000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4010	--	--	--	--	--	--
SDev	7.106458	--	--	--	--	--	--
%RSD	.1772073	--	--	--	--	--	--
#1	4005	--	--	--	--	--	--
#2	4015	--	--	--	--	--	--

Standardization Rpt. 10/02/08 05:03:01 PM page 1

Method: TRACE2 Standard: STD BLK
Run Time: 10/02/08 16:57:41

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.04720	.05001	.09230	.01005	.23087	.03028	-.00965
SDev	.00571	.00271	.00727	.00110	.00003	.00013	.00207
%RSD	12.106	5.4101	7.8739	10.991	.01332	.44225	21.481
#1	.05124	.04810	.08716	.01083	.23085	.03038	-.00819
#2	.04316	.05192	.09744	.00927	.23089	.03019	-.01112

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00516	.00899	.03979	.00198	-.06388	.03411	.00132
SDev	.00132	.00226	.00909	.00131	.01189	.00405	.00037
%RSD	25.553	25.127	22.851	66.134	18.619	11.885	28.116
#1	-.00423	.00740	.04622	.00106	-.05547	.03698	.00158
#2	-.00609	.01059	.03336	.00291	-.07229	.03124	.00106

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00186	-.00172	-.06971	.01509	.00742	.00470	-.01958
SDev	.00487	.00543	.02873	.02321	.02058	.00889	.00826
%RSD	262.21	314.78	41.218	153.79	277.29	189.09	42.204
#1	-.00158	.00211	-.04939	-.00132	-.00713	-.00158	-.01373
#2	.00530	-.00556	-.09003	.03151	.02198	.01099	-.02542

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.02221	.08673	.00165	.00132	.00026	.00488	.00252
SDev	.00819	.01967	.00477	.00000	.00037	.00878	.00730
%RSD	36.876	22.681	289.06	.17531	141.42	179.75	289.72
#1	.02800	.10063	.00502	.00132	.00053	.01109	-.00264
#2	.01642	.07282	-.00172	.00132	.00000	-.00132	.00768

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3781	--	--	--	--	--	--
SDev	6.629126	--	--	--	--	--	--
%RSD	.1753128	--	--	--	--	--	--
#1	3786	--	--	--	--	--	--
#2	3777	--	--	--	--	--	--

Standardization Rpt. 10/02/08 05:07:58 PM page 1

Method: TRACE2 Standard: STD 1
Run Time: 10/02/08 17:03:05

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.3359	.45057	1.4677	4.6136	7.8826	10.994	.61846
SDev	.0376	.00386	.0119	.0239	.0489	.032	.00157
%RSD	.45115	.85701	.80853	.51796	.62022	.28956	.25322
#1	8.3093	.45330	1.4760	4.5967	7.8481	10.972	.61735
#2	8.3625	.44784	1.4593	4.6305	7.9172	11.017	.61957

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.8780	.95284	1.8808	1.3289	.86309	4.8606	1.2750
SDev	.0090	.00143	.0017	.0023	.00088	.0447	.0028
%RSD	.47665	.15020	.09151	.17022	.10192	.91894	.21843
#1	1.8843	.95183	1.8796	1.3273	.86371	4.8290	1.2731
#2	1.8717	.95386	1.8820	1.3305	.86247	4.8922	1.2770

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.2834	.29672	.28911	.51573	5.3015	.22646	.28223
SDev	.0101	.00330	.01256	.02621	.0163	.00166	.00133
%RSD	.78637	1.1126	4.3453	5.0830	.30820	.73293	.46960
#1	1.2763	.29439	.28023	.53426	5.2900	.22529	.28129
#2	1.2905	.29906	.29800	.49719	5.3131	.22764	.28316

Elem	Zn2062	Sn1899	Ag3280
Avge	.18797	1.1563	1.6184
SDev	.00014	.0126	.0060
%RSD	.07160	1.0916	.36795
#1	.18788	1.1474	1.6226
#2	.18807	1.1652	1.6142

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3777	--	--	--	--	--	--
SDev	2.704649	--	--	--	--	--	--
%RSD	.0716063	--	--	--	--	--	--
#1	3779	--	--	--	--	--	--
#2	3775	--	--	--	--	--	--

Standardization Rpt. 10/02/08 05:12:55 PM page 1

Method: TRACE2 Standard: STD 2
Run Time: 10/02/08 17:08:02

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.238	2.0296	6.9707	22.945	38.283	54.364	3.0894
SDev	.016	.0085	.0202	.040	.091	.196	.0114
%RSD	.03785	.41917	.29010	.17403	.23839	.36070	.36797
#1	41.227	2.0236	6.9564	22.973	38.219	54.225	3.0814
#2	41.249	2.0356	6.9850	22.917	38.348	54.502	3.0975

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.3262	4.6260	9.3237	6.5989	4.2368	24.215	6.1025
SDev	.0386	.0020	.0380	.0187	.0295	.102	.0201
%RSD	.41356	.04355	.40759	.28413	.69645	.42267	.32866
#1	9.2989	4.6275	9.2968	6.5856	4.2159	24.142	6.1167
#2	9.3535	4.6246	9.3506	6.6122	4.2576	24.287	6.0883

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	6.5533	1.5156	1.4531	2.6062	25.994	1.1907	1.4054
SDev	.0526	.0172	.0052	.0411	.024	.0361	.0030
%RSD	.80256	1.1331	.35982	1.5777	.09291	3.0287	.21575
#1	6.5161	1.5034	1.4568	2.5771	25.977	1.1652	1.4033
#2	6.5905	1.5277	1.4494	2.6352	26.012	1.2162	1.4076

Elem	Zn2062	Sn1899	Ag3280
Avge	.90074	5.9167	8.0769
SDev	.00397	.0686	.0011
%RSD	.44054	1.1600	.01345
#1	.89793	5.8682	8.0761
#2	.90355	5.9653	8.0777

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3787	--	--	--	--	--	--
SDev	11.19010	--	--	--	--	--	--
%RSD	.2954512	--	--	--	--	--	--
#1	3795	--	--	--	--	--	--
#2	3780	--	--	--	--	--	--

Standardization Rpt. 10/02/08 05:18:20 PM page 1

Method: TRACE2 Standard: STD 3
Run Time: 10/02/08 17:12:59

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	83.334	4.0274	13.935	46.310	75.825	61.093	107.35
SDev	.291	.0136	.028	.136	.228	.177	.22
%RSD	.34973	.33742	.20289	.29352	.30007	.28915	.20234
#1	83.128	4.0178	13.915	46.213	75.664	60.969	107.19
#2	83.541	4.0370	13.955	46.406	75.986	61.218	107.50

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	6.1401	18.548	9.2723	18.515	70.720	108.43	13.121
SDev	.0045	.039	.0175	.033	.012	.15	.017
%RSD	.07255	.20948	.18821	.17573	.01690	.13700	.12699
#1	6.1369	18.521	9.2600	18.492	70.729	108.33	13.109
#2	6.1432	18.576	9.2847	18.538	70.712	108.54	13.133

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	8.4438	3.0298	48.144	11.998	12.945	3.0316	2.8454
SDev	.0542	.0074	.143	.016	.014	.0325	.0031
%RSD	.64209	.24560	.29755	.13616	.10651	1.0704	.10784
#1	8.4054	3.0246	48.043	11.986	12.955	3.0087	2.8432
#2	8.4821	3.0351	48.246	12.009	12.936	3.0546	2.8475

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	5.1120	52.156	2.3954	2.8044	1.7772	11.759	16.200
SDev	.0082	.167	.0379	.0019	.0030	.071	.024
%RSD	.16101	.31967	1.5811	.06653	.16651	.60720	.15025
#1	5.1179	52.038	2.3686	2.8031	1.7752	11.709	16.183
#2	5.1062	52.274	2.4222	2.8057	1.7793	11.810	16.217

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3745	--	--	--	--	--	--
SDev	10.87177	--	--	--	--	--	--
%RSD	.2902708	--	--	--	--	--	--
#1	3738	--	--	--	--	--	--
#2	3753	--	--	--	--	--	--

Standardization Report 10/02/08 05:18:20 PM page 1

Method: TRACE2 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.603719	-.028487	10/02/08 05:12:59
As1890	189.042	Multiple	Standards	.250196	-.012518	10/02/08 05:12:59
B_2496	249.678	Multiple	Standards	.072602	-.006699	10/02/08 05:12:59
Ba4934	493.409	Multiple	Standards	.021707	-.000217	10/02/08 05:12:59
Be3130	313.042	Multiple	Standards	.013148	-.003041	10/02/08 05:12:59
Ca3179	317.933	STD 3	STD BLK	1.00599	-.019937	10/02/08 05:12:59
Cd2265	226.502	Multiple	Standards	.009207	.000078	10/02/08 05:12:59
Co2286	228.616	Multiple	Standards	.161717	.000828	10/02/08 05:12:59
Cr2677	267.716	Multiple	Standards	.053741	-.000487	10/02/08 05:12:59
Cu3247	324.753	Multiple	Standards	.109008	-.004333	10/02/08 05:12:59
Fe2714	271.441	Multiple	Standards	2.68183	-.005657	10/02/08 05:12:59
K_7664	766.491	STD 3	STD BLK	1.02904	.009646	10/02/08 05:12:59
Mg2790	279.078	STD 3	STD BLK	1.00559	-.031982	10/02/08 05:12:59
Mn2576	257.610	Multiple	Standards	.075788	-.000106	10/02/08 05:12:59
Mo2020	202.030	Multiple	Standards	.117509	-.000229	10/02/08 05:12:59
Na3302	330.232	STD 3	STD BLK	1.02049	.000709	10/02/08 05:12:59
Ni2316	231.604	Multiple	Standards	.020521	.001420	10/02/08 05:12:59
2203/1	220.351	Multiple	Standards	.083896	-.001292	10/02/08 05:12:59
2203/2	220.352	Multiple	Standards	.076215	-.000555	10/02/08 05:12:59
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.334557	-.001553	10/02/08 05:12:59
1960/1	196.021	Multiple	Standards	.337242	.006566	10/02/08 05:12:59
1960/2	196.022	Multiple	Standards	.194404	-.004297	10/02/08 05:12:59
Ti3372	337.280	Multiple	Standards	.019226	-.001669	10/02/08 05:12:59
Tl1908	190.864	Multiple	Standards	.418530	-.000657	10/02/08 05:12:59
V_2924	292.402	Multiple	Standards	.356375	-.000472	10/02/08 05:12:59
Zn2062	206.200	Multiple	Standards	.550359	-.000173	10/02/08 05:12:59
Sn1899	189.989	Multiple	Standards	.085504	-.000405	10/02/08 05:12:59
Ag3280	328.068	Multiple	Standards	.061854	-.000155	10/02/08 05:12:59

Standardization Readback Report 10/02/08 05:18:20 PM page 1

Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000009	-.000009
		STD 1	5.00000	5.00404	-.004043
		STD 2	25.0000	24.8676	.132442
		STD 3	50.0000	50.2821	-.282131

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100214	-.000214
		STD 2	.500000	.495285	.004715
		STD 3	1.00000	.995110	.004890

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099856	.000144
		STD 2	.500000	.499388	.000612
		STD 3	1.00000	1.00499	-.004994

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099929	.000071
		STD 2	.500000	.497849	.002151
		STD 3	1.00000	1.00501	-.005013

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100601	-.000601
		STD 2	.500000	.500313	-.000313
		STD 3	1.00000	.993918	.006082

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.010525	.030280	-.019755
		STD 3	61.4397	61.0934	.346275

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101300	-.001300
		STD 2	.500000	.500589	-.000589
		STD 3	1.00000	.988401	.011599

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100843	-.000843
		STD 2	.500000	.500438	-.000438
		STD 3	1.00000	.993780	.006220

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100440	-.000440
		STD 2	.500000	.500716	-.000716
		STD 3	1.00000	.996332	.003668

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099534	.000466
		STD 2	.500000	.499942	.000058
		STD 3	1.00000	1.00642	-.006420

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000335	.000335
		STD 1	5.00000	5.03833	-.038334
		STD 2	25.0000	24.9989	.001051
		STD 3	50.0000	49.6480	.351967

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.056086	-.063877	.007791
		STD 3	72.7834	70.7201	2.06335

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.002320	.034112	-.031791
		STD 3	109.006	108.432	.574425

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100611	-.000611
		STD 2	.500000	.500011	-.000011
		STD 3	1.00000	.994320	.005680

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101192	-.001192
		STD 2	.500000	.497631	.002369
		STD 3	1.00000	.991990	.008010

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	-.001050	-.001724	.000674
		STD 3	3.09264	3.02985	.062796

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101162	-.001162
		STD 2	.500000	.498320	.001680
		STD 3	1.00000	.989376	.010624

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.105680	-.005680
		STD 2	.500000	.510683	-.010683
		STD 3	1.00000	1.00528	-.005280

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.097259	.002741
		STD 2	.500000	.498904	.001096
		STD 3	1.00000	.986071	.013929

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000020	-.000020
		STD 1	.100000	.097717	.002283
		STD 2	.500000	.505486	-.005486
		STD 3	1.00000	1.01270	-.012695

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000036	.000036
		STD 1	.100000	.104068	-.004068
		STD 2	.500000	.496605	.003395
		STD 3	1.00000	.966142	.033858

CorCoef: 0.99989

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	.000020	-.000020
		STD 1	.100000	.095963	.004037
		STD 2	.500000	.502350	-.002350
		STD 3	1.00000	.989501	.010499

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100257	-.000257
		STD 2	.500000	.498097	.001903
		STD 3	1.00000	1.00107	-.001069

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000033	-.000033
		STD 1	.100000	.094124	.005876
		STD 2	.500000	.497672	.002328
		STD 3	1.00000	1.00188	-.001881

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100106	-.000106
		STD 2	.500000	.500388	-.000388
		STD 3	1.00000	.998939	.001061

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000028	.000028
		STD 1	.100000	.103280	-.003280
		STD 2	.500000	.495557	.004443
		STD 3	1.00000	.977951	.022049

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.098464	.001536
		STD 2	.500000	.505499	-.005499
		STD 3	1.00000	1.00506	-.005062

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099952	.000048
		STD 2	.500000	.499437	.000563
		STD 3	1.00000	1.00189	-.001894

CorCoef: 1.00000

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Method: TRACE2 Sample Name: STD 3 VER Operator: AH
Run Time: 10/02/08 17:18:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.291	1.0039	1.0060	1.0049	.99438	50.327	.99200
SDev	.154	.0086	.0019	.0031	.00290	.141	.00092
%RSD	.30618	.85398	.19067	.31032	.29132	.27978	.09236
#1	50.182	.99783	1.0073	1.0027	.99233	50.228	.99265
#2	50.400	1.0100	1.0046	1.0071	.99643	50.427	.99135
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99489	.99639	1.0057	49.661	50.236	50.366	.99468
SDev	.00025	.00063	.0050	.022	.041	.001	.00054
%RSD	.02468	.06287	.50136	.04509	.08169	.00213	.05394
#1	.99472	.99683	1.0021	49.677	50.207	50.365	.99506
#2	.99506	.99595	1.0092	49.645	50.265	50.367	.99431
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99606	50.028	.99386	.97815	1.0103	.99962	.99629
SDev	.00335	.077	.00386	.00139	.0033	.00173	.00124
%RSD	.33637	.15431	.38835	.14266	.32577	.17313	.12429
#1	.99369	49.974	.99113	.97914	1.0080	.99840	.99717
#2	.99843	50.083	.99659	.97716	1.0127	1.0008	.99542
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0186	.96916	1.0099	1.0022	1.0347	1.0007	.98208
SDev	.0000	.00010	.0019	.0031	.0038	.0007	.00056
%RSD	.00252	.01065	.18904	.30691	.36942	.07273	.05713
#1	1.0186	.96908	1.0112	1.0000	1.0320	1.0012	.98248
#2	1.0186	.96923	1.0085	1.0044	1.0374	1.0002	.98168
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0038	1.0007
SDev	.0010	.0006
%RSD	.09598	.06428
#1	1.0031	1.0011
#2	1.0045	1.0002
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3766	--	--	--	--	--	--
SDev	9.333775	--	--	--	--	--	--
%RSD	.2478103	--	--	--	--	--	--
#1	3773	--	--	--	--	--	--
#2	3760	--	--	--	--	--	--

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Method: TRACE2 Sample Name: ICV Operator: AH
Run Time: 10/02/08 17:23:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.790	.36334	.36871	.37775	.37390	18.837	.36912
SDev	.059	.00204	.00057	.00050	.00115	.054	.00092
%RSD	.31439	.56150	.15406	.13245	.30819	.28691	.24920
#1	18.749	.36190	.36912	.37739	.37309	18.799	.36847
#2	18.832	.36479	.36831	.37810	.37472	18.875	.36977
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36569	.38268	.36703	18.415	18.667	18.832	.37495
SDev	.00078	.00053	.00113	.017	.019	.052	.00093
%RSD	.21405	.13877	.30721	.09011	.10293	.27786	.24847
#1	.36514	.38230	.36624	18.403	18.654	18.795	.37429
#2	.36624	.38305	.36783	18.427	18.681	18.869	.37561
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37589	18.617	.37482	.36975	.38066	.37702	.37619
SDev	.00188	.033	.00104	.00594	.00109	.00125	.00460
%RSD	.49971	.17686	.27732	1.6078	.28588	.33253	1.2226
#1	.37456	18.594	.37409	.36554	.38142	.37614	.37294
#2	.37722	18.640	.37556	.37395	.37989	.37791	.37944
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38766	.37145	.37857	.38993	.38468	.36886	.37217
SDev	.00080	.00719	.00330	.00091	.01110	.00160	.00079
%RSD	.20603	1.9359	.87265	.23340	2.8857	.43306	.21214
#1	.38822	.36637	.37623	.38929	.37683	.36773	.37161
#2	.38709	.37654	.38090	.39057	.39253	.36999	.37273
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.38504	.37472
SDev	.00345	.00147
%RSD	.89463	.39342
#1	.38260	.37368
#2	.38747	.37576
Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3767	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.0929042	--	--	--	--	--	--
#1	3765	--	--	--	--	--	--
#2	3770	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 05:34:32 PM page 1

Method: TRACE2 Sample Name: ICB Operator: AH
Run Time: 10/02/08 17:29:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00763	-.00124	-.00014	.00015	.00006	.00417	.00014
SDev	.00091	.00010	.00017	.00010	.00001	.00105	.00002
%RSD	11.903	7.7165	119.68	62.634	13.741	25.206	13.535
#1	.00698	-.00117	-.00002	.00022	.00005	.00491	.00015
#2	.00827	-.00130	-.00027	.00009	.00007	.00342	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.00700	.01000	.00100	.00500	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00070	.00036	.00032	.00671	.00267	.00590	.00024
SDev	.00006	.00018	.00032	.00050	.00960	.00087	.00004
%RSD	8.6924	49.709	100.59	7.4582	359.62	14.703	17.404
#1	.00066	.00024	.00055	.00636	-.00412	.00651	.00021
#2	.00074	.00049	.00009	.00706	.00946	.00529	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00500	.00200	.00500	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.20872	.00096	-.00141	-.00006	-.00051	.00372
SDev	.00046	.04431	.00028	.00081	.00055	.00064	.00146
%RSD	25.517	21.229	29.497	57.786	947.47	126.16	39.124
#1	.00213	.17739	.00076	-.00198	-.00045	-.00096	.00269
#2	.00148	.24005	.00116	-.00083	.00033	-.00005	.00475
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.01000	.01000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	.01079	.00019	.00058	.00039	.00033	.00026
SDev	.00259	.00295	.00366	.00042	.00320	.00033	.00000
%RSD	171.06	27.374	1926.8	72.087	820.50	101.37	.05360
#1	.00334	.01288	-.00240	.00087	.00265	.00009	.00026
#2	-.00032	.00870	.00278	.00028	-.00187	.00056	.00026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.02000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00209	.00054
SDev	.00368	.00013
%RSD	176.51	23.612
#1	.00469	.00045
#2	-.00052	.00063
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00700	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3794	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0279599	--	--	--	--	--	--
#1	3794	--	--	--	--	--	--
#2	3793	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 05:39:55 PM page 1

Method: TRACE2 Sample Name: CRI Operator: AH
Run Time: 10/02/08 17:34:36
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21307	.00897	.02085	.00225	.00199	.50043	.00106
SDev	.00161	.00207	.00003	.00008	.00002	.00223	.00010
%RSD	.75808	23.044	.14034	3.6743	1.1357	.44507	9.6266
#1	.21193	.00751	.02082	.00231	.00197	.49886	.00113
#2	.21421	.01044	.02087	.00219	.00200	.50201	.00099
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00435	.00382	.01011	.04995	.45349	.20822	.00304
SDev	.00039	.00016	.00002	.00345	.00141	.00038	.00009
%RSD	8.9481	4.0890	.15316	6.9071	.31067	.17986	2.9068
#1	.00463	.00393	.01010	.05239	.45448	.20849	.00298
#2	.00407	.00371	.01012	.04751	.45249	.20796	.00310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01127	1.3311	.01048	.00404	.00215	.00278	.01556
SDev	.00069	.0742	.00025	.00152	.00087	.00008	.00019
%RSD	6.1309	5.5770	2.3557	37.528	40.523	2.7386	1.2307
#1	.01176	1.3836	.01031	.00512	.00153	.00273	.01570
#2	.01078	1.2786	.01066	.00297	.00277	.00283	.01543
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02252	.01454	.01608	.00549	.01813	.00528	.01096
SDev	.00141	.00171	.00114	.00012	.00235	.00001	.00009
%RSD	6.2766	11.764	7.1082	2.2166	12.968	.10796	.82921
#1	.02352	.01333	.01688	.00558	.01647	.00528	.01102
#2	.02152	.01575	.01527	.00541	.01979	.00529	.01089
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00735	.00349
SDev	.00167	.00007
%RSD	22.735	1.8761
#1	.00617	.00354
#2	.00853	.00345
Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3782	--	--	--	--	--	--
SDev	4.030474	--	--	--	--	--	--
%RSD	.1065734	--	--	--	--	--	--
#1	3785	--	--	--	--	--	--
#2	3779	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 05:45:19 PM page 1

Method: TRACE2 Sample Name: ICSA Operator: AH
Run Time: 10/02/08 17:39:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	517.81	-.00499	.00144	.00101	.00092	525.79	.00105
SDev	1.22	.00167	.00194	.00010	.00001	1.39	.00026
%RSD	.23492	33.532	134.59	9.8223	.66834	.26408	24.549
#1	516.95	-.00381	.00007	.00108	.00092	524.81	.00123
#2	518.67	-.00617	.00281	.00094	.00093	526.77	.00086
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	-.00237	.00105	195.47	.01203	515.93	.00161
SDev	.00006	.00016	.00044	.08	.01568	.65	.00003
%RSD	5.1993	6.8695	41.608	.04021	130.33	.12514	1.9262
#1	.00128	-.00249	.00074	195.53	.02312	516.38	.00159
#2	.00119	-.00226	.00136	195.42	.00094	515.47	.00164
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00178	.15560	.00113	-.00624	.00308	-.00002	-.00137
SDev	.00047	.05981	.00056	.00613	.00486	.00120	.00170
%RSD	26.326	38.436	49.762	98.222	157.67	5354.1	124.43
#1	.00145	.19790	.00073	-.00191	-.00035	-.00087	-.00257
#2	.00211	.11331	.00152	-.01057	.00652	.00083	-.00016
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00085	.00904	-.00657	.00127	-.02041	-.00019	-.00432
SDev	.00020	.00096	.00303	.00001	.00187	.00114	.00011
%RSD	23.781	10.639	46.110	.36354	9.1466	596.32	2.5090
#1	-.00100	.00973	-.00871	.00127	-.01909	-.00100	-.00440
#2	-.00071	.00836	-.00443	.00127	-.02172	.00061	-.00424
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00220	.00041
SDev	.00046	.00026
%RSD	20.893	62.943
#1	-.00252	.00023
#2	-.00187	.00059
Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3550	--	--	--	--	--	--
SDev	1.007662	--	--	--	--	--	--
%RSD	.0283823	--	--	--	--	--	--
#1	3551	--	--	--	--	--	--
#2	3550	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 05:50:42 PM page 1

Method: TRACE2 Sample Name: ICSAB Operator: AH
Run Time: 10/02/08 17:45:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	521.47	.10776	.01304	.52770	.50124	527.37	.98263
SDev	.20	.00453	.00056	.00019	.00076	1.26	.00077
%RSD	.03907	4.2063	4.2631	.03651	.15176	.23819	.07833
#1	521.33	.10456	.01343	.52757	.50071	526.48	.98208
#2	521.61	.11097	.01264	.52784	.50178	528.26	.98317
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49228	.50592	.52540	98.026	.00398	512.80	.49705
SDev	.00085	.00105	.00130	.125	.01373	.98	.00054
%RSD	.17262	.20836	.24792	.12733	345.00	.19155	.10823
#1	.49168	.50518	.52448	97.938	.01369	512.11	.49667
#2	.49289	.50667	.52633	98.115	-.00573	513.50	.49743
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	.14676	.97137	.05115	.04872	.04953	.05380
SDev	.00070	.02813	.00173	.00216	.00410	.00202	.00367
%RSD	42.874	19.165	.17857	4.2262	8.4196	4.0703	6.8138
#1	.00113	.16665	.97015	.05268	.04582	.04810	.05121
#2	.00212	.12688	.97260	.04962	.05162	.05095	.05639
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65088	.05134	.05504	.00298	.08934	.51307	.96434
SDev	.00087	.00454	.00777	.00008	.00874	.00238	.00336
%RSD	.13388	8.8448	14.117	2.8156	9.7843	.46387	.34843
#1	.65027	.05455	.04954	.00292	.08316	.51139	.96197
#2	.65150	.04813	.06053	.00304	.09552	.51475	.96672
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00029	.21827
SDev	.00265	.00066
%RSD	907.93	.30239
#1	-.00216	.21873
#2	.00158	.21780
Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3564	--	--	--	--	--	--
SDev	8.962440	--	--	--	--	--	--
%RSD	.2514476	--	--	--	--	--	--
#1	3558	--	--	--	--	--	--
#2	3571	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 05:57:35 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/02/08 17:52:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.567	.48066	.48366	.49306	.48902	24.686	.48523
SDev	.020	.00117	.00077	.00078	.00102	.027	.00050
%RSD	.07938	.24289	.15999	.15880	.20836	.11023	.10265
#1	24.553	.47983	.48421	.49251	.48830	24.667	.48488
#2	24.581	.48148	.48312	.49362	.48974	24.705	.48558
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48157	.50305	.48245	24.200	24.682	24.662	.49365
SDev	.00033	.00044	.00099	.042	.010	.030	.00082
%RSD	.06806	.08644	.20476	.17509	.03981	.11996	.16671
#1	.48180	.50274	.48175	24.170	24.675	24.641	.49307
#2	.48134	.50336	.48315	24.230	24.688	24.683	.49423
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48801	24.399	.48991	.48381	.49978	.49446	.49817
SDev	.00478	.158	.00107	.00259	.00246	.00250	.00402
%RSD	.97965	.64768	.21835	.53538	.49148	.50579	.80656
#1	.48463	24.511	.48915	.48198	.49804	.49269	.49533
#2	.49139	24.287	.49067	.48564	.50151	.49623	.50101
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51183	.48193	.50630	.51224	.50334	.48622	.48682
SDev	.00097	.00302	.00452	.00104	.00836	.00147	.00010
%RSD	.18972	.62664	.89219	.20401	1.6616	.30342	.01971
#1	.51114	.47980	.50311	.51150	.49743	.48517	.48675
#2	.51252	.48407	.50949	.51298	.50926	.48726	.48688
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50526	.49354
SDev	.00334	.00014
%RSD	.66028	.02745
#1	.50762	.49345
#2	.50290	.49364
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3773	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.3162279	--	--	--	--	--	--
#1	3782	--	--	--	--	--	--
#2	3765	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 06:02:59 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/02/08 17:57:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	-.00327	-.00093	.00007	-.00001	.00410	.00011
SDev	.00488	.00147	.00079	.00011	.00000	.00064	.00007
%RSD	155.19	44.795	85.358	164.60	25.961	15.620	65.020
#1	.00660	-.00224	-.00037	.00014	-.00001	.00455	.00016
#2	-.00031	-.00431	-.00149	-.00001	-.00002	.00365	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	-.00017	-.00002	.00178	.00270	.00309	.00005
SDev	.00009	.00015	.00017	.00251	.01404	.00370	.00009
%RSD	72.689	89.558	1024.5	141.32	520.22	119.66	155.90
#1	.00019	-.00027	.00010	.00355	.01263	.00570	.00011
#2	.00006	-.00006	-.00014	.00000	-.00723	.00048	-.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00134	.04641	.00010	-.00007	-.00123	-.00084	.00021
SDev	.00011	.15586	.00023	.00122	.00132	.00129	.00169
%RSD	8.3385	335.81	225.44	1653.0	108.01	153.11	823.89
#1	.00142	.15662	-.00006	.00079	-.00029	.00007	.00140
#2	.00126	-.06380	.00026	-.00094	-.00216	-.00175	-.00099
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00140	.00777	-.00358	.00025	-.00308	-.00005	.00012
SDev	.00215	.00434	.00036	.00032	.00182	.00007	.00020
%RSD	154.07	55.917	10.190	127.84	59.239	138.20	175.45
#1	-.00292	.01084	-.00332	.00048	-.00437	-.00009	-.00003
#2	.00013	.00470	-.00384	.00002	-.00179	-.00000	.00026
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00116	.00033
SDev	.00056	.00029
%RSD	48.189	88.527
#1	-.00156	.00053
#2	-.00077	.00012
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3788	--	--	--	--	--	--
SDev	4.560804	--	--	--	--	--	--
%RSD	.1204030	--	--	--	--	--	--
#1	3785	--	--	--	--	--	--
#2	3791	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856456 Operator: AH
Run Time: 10/02/08 18:03:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.6308	.00324	.25225	.11925	.00042	235.67	-.00010
SDev	.0267	.00119	.00143	.00003	.00000	.48	.00014
%RSD	.35032	36.818	.56862	.02952	.20850	.20459	137.42
#1	7.6497	.00408	.25326	.11928	.00042	235.33	-.00000
#2	7.6119	.00240	.25123	.11923	.00042	236.01	-.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00434	.00746	.03195	11.616	16.149	70.471	.20080
SDev	.00036	.00005	.00010	.016	.036	.064	.00009
%RSD	8.3228	.61546	.30602	.14038	.22329	.09011	.04492
#1	.00459	.00743	.03202	11.604	16.174	70.426	.20074
#2	.00408	.00750	.03188	11.627	16.123	70.515	.20087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00099	201.09	.01117	.00630	.00655	.00646	.00130
SDev	.00110	.06	.00051	.00245	.00203	.00054	.00514
%RSD	110.92	.02845	4.5609	38.933	31.028	8.3297	394.54
#1	.00021	201.05	.01153	.00456	.00798	.00684	-.00233
#2	.00177	201.14	.01081	.00803	.00511	.00608	.00494
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00283	-.00047	.00219	.11368	-.00465	.00903	.06240
SDev	.00392	.00252	.00898	.00160	.00211	.00052	.00030
%RSD	138.65	534.85	409.62	1.4039	45.325	5.8055	.48344
#1	-.00006	.00131	-.00416	.11480	-.00316	.00940	.06261
#2	-.00560	-.00225	.00854	.11255	-.00614	.00866	.06219
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00000	-.00014
SDev	.00138	.00031
%RSD	47491.	219.38
#1	.00098	.00008
#2	-.00098	-.00036
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3711	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1886438	--	--	--	--	--	--
#1	3716	--	--	--	--	--	--
#2	3706	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856456/L (1:5) Operator: AH
Run Time: 10/02/08 18:08:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7683	-.00345	.05425	.02917	.00010	47.182	.00002
SDev	.0070	.00110	.00021	.00003	.00002	.041	.00002
%RSD	.25225	31.898	.39339	.11844	20.894	.08726	99.986
#1	2.7733	-.00267	.05441	.02915	.00011	47.153	.00003
#2	2.7634	-.00423	.05410	.02919	.00008	47.211	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	.00257	.00585	2.5477	3.4471	14.334	.04100
SDev	.00030	.00029	.00001	.0052	.0255	.009	.00007
%RSD	30.811	11.248	.18000	.20299	.73985	.06428	.17369
#1	.00076	.00237	.00586	2.5513	3.4651	14.340	.04105
#2	.00119	.00278	.00584	2.5440	3.4291	14.327	.04095
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	40.005	.00244	.00058	.00073	.00068	-.00171
SDev	.00060	.151	.00006	.00060	.00070	.00067	.00421
%RSD	62.566	.37816	2.3764	103.10	96.785	98.586	245.96
#1	.00137	39.898	.00249	.00100	.00122	.00115	-.00469
#2	.00053	40.112	.00240	.00016	.00023	.00021	.00127
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00109	.00239	-.00376	.09251	-.00082	.00325	.00785
SDev	.00041	.00178	.00543	.00235	.00466	.00014	.00001
%RSD	37.481	74.379	144.35	2.5407	568.31	4.2635	.10636
#1	-.00138	.00113	-.00760	.09085	.00247	.00335	.00786
#2	-.00080	.00364	.00008	.09417	-.00411	.00315	.00785
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00030	.00025
SDev	.00098	.00014
%RSD	326.55	54.803
#1	-.00099	.00035
#2	.00039	.00016
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3770	--	--	--	--	--	--
SDev	3.924477	--	--	--	--	--	--
%RSD	.1040948	--	--	--	--	--	--
#1	3767	--	--	--	--	--	--
#2	3773	--	--	--	--	--	--

Analysis Report 10/02/08 06:19:12 PM page 1

Method: TRACE2 Sample Name: AD856456/PS Operator: AH
Run Time: 10/02/08 18:13:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.990	.20603	.44534	.31729	.19837	240.35	.19461
SDev	.114	.00168	.00148	.00085	.00007	.00	.00048
%RSD	.67113	.81616	.33331	.26697	.03683	.00054	.24709
#1	17.071	.20484	.44639	.31789	.19842	240.35	.19427
#2	16.909	.20722	.44429	.31669	.19831	240.35	.19495
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19703	.20314	.22836	21.146	26.744	79.342	.39400
SDev	.00070	.00017	.00039	.038	.015	.148	.00039
%RSD	.35749	.08342	.17136	.18126	.05614	.18631	.09922
#1	.19653	.20326	.22864	21.119	26.755	79.238	.39373
#2	.19752	.20302	.22808	21.173	26.733	79.447	.39428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19896	206.53	.20365	.19906	.19967	.19946	.19857
SDev	.00107	.12	.00088	.00293	.00065	.00141	.00136
%RSD	.53555	.05627	.43060	1.4695	.32766	.70711	.68565
#1	.19821	206.44	.20427	.19699	.19920	.19847	.19761
#2	.19971	206.61	.20303	.20113	.20013	.20046	.19953
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19747	.20224	.19674	.30459	.19343	.20840	.22725
SDev	.00185	.00287	.00061	.00021	.00026	.00015	.00068
%RSD	.93558	1.4169	.30978	.07040	.13332	.07421	.30130
#1	.19616	.20021	.19631	.30474	.19324	.20851	.22677
#2	.19877	.20427	.19717	.30444	.19361	.20829	.22774
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.15926	.05056
SDev	.00423	.00102
%RSD	2.6556	2.0221
#1	.15627	.04984
#2	.16225	.05128
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3731	--	--	--	--	--	--
SDev	7.583789	--	--	--	--	--	--
%RSD	.2032895	--	--	--	--	--	--
#1	3725	--	--	--	--	--	--
#2	3736	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856457/MS Operator: AH
Run Time: 10/02/08 18:19:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.040	.21364	.44286	.32666	.20253	237.09	.19863
SDev	.055	.00460	.00177	.00101	.00040	.47	.00026
%RSD	.32567	2.1554	.39847	.30843	.19609	.19774	.13018
#1	17.079	.21690	.44411	.32737	.20281	237.42	.19881
#2	17.000	.21039	.44161	.32595	.20225	236.76	.19845
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20306	.20798	.23098	21.378	26.414	78.196	.40068
SDev	.00129	.00005	.00124	.034	.005	.111	.00036
%RSD	.63621	.02346	.53849	.15792	.01808	.14154	.08983
#1	.20397	.20802	.23186	21.402	26.417	78.274	.40093
#2	.20215	.20795	.23010	21.354	26.410	78.117	.40042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20251	199.13	.20847	.20171	.20811	.20598	.20628
SDev	.00068	.80	.00020	.00011	.00153	.00099	.00017
%RSD	.33808	.40187	.09440	.05297	.73742	.47967	.08360
#1	.20299	199.69	.20861	.20163	.20919	.20667	.20616
#2	.20203	198.56	.20833	.20178	.20702	.20528	.20641
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19604	.19929	.20979	.29601	.19859	.21192	.22496
SDev	.00290	.00707	.00327	.00450	.00527	.00120	.00138
%RSD	1.4770	3.5454	1.5607	1.5213	2.6529	.56643	.61492
#1	.19809	.19429	.21210	.29282	.19486	.21277	.22594
#2	.19399	.20428	.20747	.29919	.20231	.21108	.22398
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21156	.05189
SDev	.00129	.00043
%RSD	.61156	.82938
#1	.21247	.05219
#2	.21064	.05158
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3728	--	--	--	--	--	--
SDev	5.621464	--	--	--	--	--	--
%RSD	.1507833	--	--	--	--	--	--
#1	3724	--	--	--	--	--	--
#2	3732	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856458/SD Operator: AH
Run Time: 10/02/08 18:24:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.202	.21640	.44765	.33114	.20475	236.57	.19976
SDev	.016	.00529	.00089	.00011	.00020	.28	.00037
%RSD	.09038	2.4453	.19966	.03181	.09718	.12021	.18383
#1	17.213	.22015	.44828	.33107	.20461	236.37	.19950
#2	17.191	.21266	.44702	.33122	.20489	236.77	.20002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20440	.21000	.23261	21.012	26.772	77.898	.39594
SDev	.00044	.00053	.00034	.009	.001	.098	.00037
%RSD	.21683	.25176	.14603	.04225	.00238	.12556	.09424
#1	.20471	.21037	.23285	21.005	26.771	77.829	.39567
#2	.20408	.20963	.23237	21.018	26.772	77.967	.39620
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20406	197.94	.21017	.20689	.20772	.20744	.20404
SDev	.00091	.59	.00039	.00082	.00237	.00186	.00004
%RSD	.44518	.29932	.18619	.39825	1.1410	.89430	.02163
#1	.20342	197.52	.20990	.20747	.20940	.20875	.20401
#2	.20470	198.36	.21045	.20630	.20604	.20613	.20407
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19959	.19952	.20630	.29786	.20299	.21349	.23061
SDev	.00366	.00331	.00159	.00238	.00199	.00029	.00030
%RSD	1.8358	1.6588	.77004	.79828	.97887	.13417	.12814
#1	.19700	.19718	.20742	.29954	.20158	.21329	.23082
#2	.20218	.20186	.20518	.29618	.20439	.21369	.23040
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21329	.05352
SDev	.00047	.00020
%RSD	.21810	.37581
#1	.21362	.05366
#2	.21296	.05337
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3725	--	--	--	--	--	--
SDev	11.50809	--	--	--	--	--	--
%RSD	.3089307	--	--	--	--	--	--
#1	3717	--	--	--	--	--	--
#2	3733	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856459 Operator: AH
Run Time: 10/02/08 18:30:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.663	.02574	.36670	.21160	.00118	445.05	.00568
SDev	.044	.00124	.00208	.00018	.00000	.08	.00004
%RSD	.20144	4.8276	.56676	.08306	.31583	.01731	.64799
#1	21.693	.02662	.36817	.21173	.00118	444.99	.00565
#2	21.632	.02486	.36523	.21148	.00118	445.10	.00571
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01724	.04975	.26556	31.301	21.841	96.891	1.1208
SDev	.00024	.00028	.00022	.014	.004	.014	.0002
%RSD	1.4091	.55499	.08222	.04558	.01930	.01437	.01918
#1	.01706	.04994	.26541	31.311	21.838	96.881	1.1206
#2	.01741	.04955	.26572	31.290	21.844	96.901	1.1209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01172	100.42	.05305	.03761	.04432	.04209	.00121
SDev	.00035	.16	.00006	.00206	.00094	.00006	.00345
%RSD	2.9670	.16216	.12128	5.4730	2.1178	.14103	285.65
#1	.01197	100.30	.05300	.03616	.04499	.04205	.00364
#2	.01148	100.53	.05309	.03907	.04366	.04213	-.00123
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	.00066	.00148	.19300	-.00078	.03102	.97784
SDev	.00229	.00655	.00189	.00294	.00083	.00013	.00024
%RSD	72.507	996.42	127.86	1.5220	105.85	.40258	.02452
#1	.00154	.00529	.00282	.19092	-.00136	.03111	.97801
#2	.00477	-.00397	.00014	.19508	-.00020	.03093	.97768
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01478	.00125
SDev	.00217	.00060
%RSD	14.721	48.215
#1	.01324	.00082
#2	.01631	.00167
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3787	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0280103	--	--	--	--	--	--
#1	3787	--	--	--	--	--	--
#2	3786	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856460 Operator: AH
Run Time: 10/02/08 18:35:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14843	.06186	.52845	.05145	.00001	158.77	-.00013
SDev	.00148	.00051	.00132	.00034	.00001	1.27	.00003
%RSD	.99844	.83138	.25047	.66037	64.334	.80066	25.116
#1	.14948	.06223	.52752	.05121	.00001	157.87	-.00015
#2	.14739	.06150	.52939	.05169	.00001	159.67	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	-.00042	.00044	2.2937	8.2421	39.385	.22157
SDev	.00042	.00028	.00006	.0123	.0044	.049	.00019
%RSD	123.65	66.539	14.527	.53612	.05312	.12319	.08543
#1	.00004	-.00062	.00048	2.2850	8.2390	39.351	.22170
#2	.00064	-.00022	.00039	2.3024	8.2452	39.419	.22144
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00777	40.325	.00036	-.00030	-.00051	-.00044	-.00271
SDev	.00001	.139	.00004	.00058	.00071	.00028	.00354
%RSD	.17421	.34370	11.799	192.23	138.95	64.169	130.70
#1	.00778	40.227	.00039	.00011	-.00102	-.00064	-.00021
#2	.00776	40.423	.00033	-.00071	-.00001	-.00024	-.00522
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00337	.00036	-.00425	.00467	-.00011	.00035	.00369
SDev	.00266	.00590	.00236	.00023	.00005	.00067	.00032
%RSD	78.749	1641.9	55.703	5.0375	49.367	192.12	8.7851
#1	-.00525	.00453	-.00257	.00483	-.00015	-.00013	.00346
#2	-.00149	-.00381	-.00592	.00450	-.00007	.00082	.00392
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00185	-.00056
SDev	.00067	.00032
%RSD	35.987	57.213
#1	-.00233	-.00079
#2	-.00138	-.00034
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3775	--	--	--	--	--	--
SDev	14.42491	--	--	--	--	--	--
%RSD	.3821345	--	--	--	--	--	--
#1	3785	--	--	--	--	--	--
#2	3765	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856461 Operator: AH
Run Time: 10/02/08 18:40:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04129	-.00198	.30501	.05860	-.00001	102.51	-.00018
SDev	.00035	.00027	.00002	.00027	.00001	.11	.00006
%RSD	.84091	13.566	.00791	.45792	64.939	.11199	32.539
#1	.04104	-.00179	.30499	.05878	-.00002	102.59	-.00022
#2	.04153	-.00217	.30503	.05841	-.00001	102.43	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.00042	-.00001	.02646	7.8011	27.518	.09998
SDev	.00025	.00014	.00044	.00010	.0223	.011	.00003
%RSD	610.20	33.587	3593.6	.38105	.28584	.04165	.03274
#1	-.00013	-.00032	-.00032	.02653	7.8169	27.510	.10000
#2	.00021	-.00052	.00030	.02639	7.7853	27.526	.09996
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00816	58.642	.00089	.00245	-.00209	-.00058	.00044
SDev	.00090	.017	.00052	.00176	.00137	.00033	.00184
%RSD	11.070	.02934	57.853	71.801	65.597	56.864	414.02
#1	.00752	58.654	.00053	.00120	-.00112	-.00035	.00175
#2	.00880	58.629	.00126	.00369	-.00306	-.00081	-.00086
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00281	.00667	-.00267	.00069	-.00255	-.00023	.00488
SDev	.00079	.00304	.00429	.00022	.00160	.00034	.00012
%RSD	28.187	45.677	160.71	31.286	62.631	145.72	2.4396
#1	-.00337	.00451	.00036	.00054	-.00368	-.00047	.00496
#2	-.00225	.00882	-.00570	.00085	-.00142	.00001	.00479
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00053	-.00002
SDev	.00034	.00017
%RSD	63.754	1124.1
#1	-.00077	-.00014
#2	-.00029	.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3758	--	--	--	--	--	--
SDev	11.40210	--	--	--	--	--	--
%RSD	.3034339	--	--	--	--	--	--
#1	3750	--	--	--	--	--	--
#2	3766	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856462 Operator: AH
Run Time: 10/02/08 18:46:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04584	-.00439	.74771	.10216	.00009	197.26	-.00001
SDev	.00177	.00063	.03717	.00392	.00010	7.58	.00015
%RSD	3.8696	14.308	4.9715	3.8374	109.13	3.8442	1066.0
#1	.04459	-.00483	.72143	.09938	.00002	191.90	.00009
#2	.04710	-.00394	.77400	.10493	.00016	202.62	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00211	-.00013	.00317	.02578	9.4037	48.680	1.3832
SDev	.00017	.00005	.00010	.00196	.3668	2.261	.0673
%RSD	8.1593	40.637	3.2840	7.6138	3.9006	4.6453	4.8684
#1	.00223	-.00009	.00309	.02717	9.1443	47.081	1.3356
#2	.00198	-.00017	.00324	.02439	9.6631	50.279	1.4308
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00316	74.555	.00502	-.00403	.00044	-.00105	.00209
SDev	.00139	2.628	.00004	.00079	.00250	.00193	.00085
%RSD	44.175	3.5246	.74088	19.573	573.05	184.03	40.514
#1	.00414	72.697	.00499	-.00458	-.00133	-.00242	.00268
#2	.00217	76.413	.00505	-.00347	.00221	.00032	.00149
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00554	.00516	.00055	.00093	-.00069	.00011	.01057
SDev	.00589	.00286	.00016	.00037	.00318	.00012	.00028
%RSD	106.45	55.458	29.914	39.763	459.43	105.56	2.6865
#1	-.00137	.00719	.00043	.00119	.00156	.00019	.01037
#2	-.00970	.00314	.00066	.00067	-.00294	.00003	.01077
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00209	-.00092
SDev	.00029	.00076
%RSD	13.970	82.151
#1	-.00188	-.00039
#2	-.00230	-.00145
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3664	--	--	--	--	--	--
SDev	132.9539	--	--	--	--	--	--
%RSD	3.628789	--	--	--	--	--	--
#1	3758	--	--	--	--	--	--
#2	3570	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856463 Operator: AH
Run Time: 10/02/08 18:51:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06684	-.00401	.02633	.07837	-.00002	65.708	-.00012
SDev	.00246	.00013	.00000	.00026	.00000	.111	.00001
%RSD	3.6764	3.3467	.01219	.33401	.86902	.16941	9.1012
#1	.06510	-.00410	.02633	.07856	-.00002	65.786	-.00013
#2	.06858	-.00391	.02634	.07819	-.00002	65.629	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	.00021	.00027	1.1006	2.6529	30.132	3.4070
SDev	.00018	.00029	.00049	.0066	.0074	.050	.0038
%RSD	47.896	135.26	176.85	.59631	.27935	.16670	.11222
#1	.00025	.00042	-.00007	1.0959	2.6582	30.097	3.4043
#2	.00051	.00001	.00062	1.1052	2.6477	30.168	3.4097
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00250	88.884	.00092	.00323	-.00248	-.00058	.00091
SDev	.00041	.301	.00001	.00466	.00264	.00021	.00048
%RSD	16.236	.33843	.98304	144.55	106.24	35.531	52.230
#1	.00279	89.097	.00091	.00653	-.00435	-.00073	.00058
#2	.00222	88.671	.00092	-.00007	-.00062	-.00044	.00125
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00298	.00174	.00050	.00175	-.00412	-.00035	.00237
SDev	.00006	.00643	.00250	.00002	.00663	.00033	.00012
%RSD	1.8752	370.42	500.67	.88410	160.95	95.640	4.8607
#1	-.00294	-.00281	.00227	.00174	.00057	-.00058	.00245
#2	-.00302	.00629	-.00127	.00176	-.00881	-.00011	.00229
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00117	-.00020
SDev	.00219	.00016
%RSD	187.64	79.264
#1	.00272	-.00009
#2	-.00038	-.00032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3787	--	--	--	--	--	--
SDev	18.66772	--	--	--	--	--	--
%RSD	.4929748	--	--	--	--	--	--
#1	3774	--	--	--	--	--	--
#2	3800	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 07:03:54 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/02/08 18:58:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.692	.47768	.48536	.49620	.49086	24.799	.48700
SDev	.103	.00147	.00108	.00173	.00191	.106	.00170
%RSD	.41676	.30865	.22156	.34820	.38809	.42732	.34979
#1	24.619	.47663	.48460	.49498	.48951	24.724	.48580
#2	24.765	.47872	.48612	.49742	.49221	24.874	.48821
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48290	.50547	.48466	24.292	24.850	24.909	.49440
SDev	.00141	.00059	.00173	.044	.024	.073	.00071
%RSD	.29118	.11621	.35701	.18290	.09790	.29304	.14365
#1	.48190	.50506	.48343	24.260	24.833	24.857	.49390
#2	.48389	.50589	.48588	24.323	24.867	24.961	.49490
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49092	24.488	.49243	.48571	.50142	.49619	.49157
SDev	.00367	.033	.00144	.00075	.00439	.00318	.00389
%RSD	.74803	.13440	.29277	.15372	.87609	.64061	.79167
#1	.48832	24.512	.49141	.48519	.49832	.49394	.48882
#2	.49351	24.465	.49345	.48624	.50453	.49844	.49432
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51118	.48297	.49588	.51592	.49747	.48909	.48894
SDev	.00249	.00374	.00397	.00226	.01091	.00082	.00166
%RSD	.48711	.77509	.79974	.43822	2.1937	.16710	.34037
#1	.51294	.48032	.49308	.51432	.48976	.48851	.48776
#2	.50942	.48561	.49868	.51752	.50519	.48967	.49011
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50983	.49659
SDev	.00011	.00076
%RSD	.02153	.15230
#1	.50975	.49605
#2	.50990	.49712
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3770	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0028112	--	--	--	--	--	--
#1	3771	--	--	--	--	--	--
#2	3770	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 07:09:19 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/02/08 19:03:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00575	-.00126	-.00062	.00013	.00000	.00401	.00001
SDev	.00023	.00045	.00110	.00013	.00002	.00011	.00011
%RSD	4.0093	35.648	177.54	98.247	840.77	2.6472	920.24
#1	.00591	-.00157	.00016	.00022	.00002	.00408	.00009
#2	.00558	-.00094	-.00140	.00004	-.00001	.00393	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	-.00054	-.00057	-.00283	-.00099	.00544	.00008
SDev	.00036	.00022	.00042	.00199	.01759	.00418	.00001
%RSD	344.33	40.485	73.036	70.178	1769.1	76.796	15.953
#1	.00036	-.00039	-.00028	-.00424	.01145	.00839	.00007
#2	-.00015	-.00070	-.00087	-.00143	-.01343	.00249	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00195	.30906	.00052	.00197	-.00106	-.00005	.00073
SDev	.00121	.09888	.00055	.00181	.00013	.00052	.00279
%RSD	61.973	31.995	105.39	91.967	12.026	956.95	382.70
#1	.00281	.37898	.00091	.00324	-.00115	.00031	.00270
#2	.00110	.23914	.00013	.00069	-.00097	-.00042	-.00125
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00142	.00852	-.00317	.00053	.00093	-.00052	.00033
SDev	.00006	.00302	.00268	.00014	.00803	.00033	.00010
%RSD	4.5324	35.414	84.632	25.783	864.20	64.275	30.259
#1	-.00137	.01066	-.00127	.00063	.00661	-.00028	.00026
#2	-.00146	.00639	-.00506	.00043	-.00475	-.00075	.00040
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00079	.00018
SDev	.00073	.00061
%RSD	92.897	340.13
#1	-.00027	.00061
#2	-.00130	-.00025
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3800	--	--	--	--	--	--
SDev	14.26574	--	--	--	--	--	--
%RSD	.3753932	--	--	--	--	--	--
#1	3790	--	--	--	--	--	--
#2	3810	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856464 Operator: AH
Run Time: 10/02/08 19:09:22
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14629	-.00127	.03397	.07561	-.00003	66.413	-.00003
SDev	.00215	.00047	.00001	.00009	.00001	.167	.00002
%RSD	1.4672	36.860	.03264	.11367	35.310	.25073	57.752
#1	.14477	-.00094	.03397	.07555	-.00004	66.296	-.00004
#2	.14781	-.00160	.03398	.07567	-.00002	66.531	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00034	.00025	14.390	2.8767	30.129	3.1477
SDev	.00018	.00009	.00030	.001	.0258	.022	.0022
%RSD	72.745	26.423	119.93	.00711	.89675	.07424	.06975
#1	.00012	.00028	.00046	14.389	2.8949	30.113	3.1492
#2	.00038	.00040	.00004	14.391	2.8584	30.145	3.1461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01480	88.820	.00102	.00184	-.00137	-.00030	-.00244
SDev	.00055	.193	.00020	.00271	.00120	.00010	.00052
%RSD	3.7028	.21708	19.289	147.18	87.765	34.664	21.250
#1	.01441	88.684	.00088	-.00008	-.00052	-.00037	-.00281
#2	.01519	88.956	.00115	.00376	-.00221	-.00022	-.00208
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00369	.00363	-.00548	.00590	-.00376	-.00016	.00623
SDev	.00317	.00886	.00365	.00034	.00435	.00020	.00061
%RSD	85.752	243.76	66.558	5.7899	115.76	127.36	9.8066
#1	-.00593	-.00263	-.00290	.00566	-.00068	-.00030	.00667
#2	-.00145	.00990	-.00807	.00614	-.00683	-.00002	.00580
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00012	-.00015
SDev	.00127	.00074
%RSD	1029.7	480.15
#1	.00077	-.00068
#2	-.00102	.00037
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3769	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.1294559	--	--	--	--	--	--
#1	3772	--	--	--	--	--	--
#2	3765	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856465 Operator: AH
Run Time: 10/02/08 19:14:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03467	-.00144	.03638	.05587	-.00003	62.575	-.00005
SDev	.00187	.00032	.00152	.00026	.00001	.122	.00010
%RSD	5.4055	22.029	4.1681	.46598	32.008	.19535	192.95
#1	.03335	-.00166	.03746	.05606	-.00002	62.662	.00002
#2	.03600	-.00121	.03531	.05569	-.00004	62.489	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	-.00039	.00105	.31111	3.2210	26.959	.01563
SDev	.00009	.00005	.00002	.00778	.0236	.049	.00004
%RSD	28.191	12.847	1.5307	2.5020	.73391	.18157	.26237
#1	.00026	-.00036	.00104	.30560	3.2377	26.994	.01566
#2	.00039	-.00043	.00106	.31661	3.2042	26.924	.01560
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01667	75.397	.00332	-.00199	.00091	-.00006	.00317
SDev	.00003	.087	.00008	.00008	.00156	.00106	.00070
%RSD	.18300	.11475	2.3884	3.9834	171.09	1911.1	22.132
#1	.01665	75.458	.00327	-.00193	.00201	.00070	.00367
#2	.01669	75.336	.00338	-.00205	-.00019	-.00081	.00268
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00129	.00724	.00114	.00020	.00129	.00005	.00281
SDev	.00404	.01244	.00517	.00008	.00074	.00020	.00011
%RSD	312.99	171.82	454.29	40.485	57.005	367.36	3.7509
#1	.00157	.01604	-.00252	.00026	.00182	.00020	.00289
#2	-.00415	-.00156	.00479	.00014	.00077	-.00009	.00274
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00108	-.00011
SDev	.00006	.00010
%RSD	5.9615	91.307
#1	-.00113	-.00004
#2	-.00104	-.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3776	--	--	--	--	--	--
SDev	3.022812	--	--	--	--	--	--
%RSD	.0800567	--	--	--	--	--	--
#1	3774	--	--	--	--	--	--
#2	3778	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856165/FB Operator: AH
Run Time: 10/02/08 19:20:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.175	.20240	.20487	.20816	.20348	10.352	.20434
SDev	.050	.00245	.00040	.00132	.00117	.046	.00001
%RSD	.49479	1.2106	.19447	.63452	.57702	.44334	.00378
#1	10.210	.20413	.20459	.20909	.20431	10.384	.20434
#2	10.139	.20066	.20515	.20722	.20265	10.319	.20433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20310	.20401	.20147	10.191	10.251	10.334	.20355
SDev	.00040	.00012	.00138	.001	.002	.014	.00036
%RSD	.19792	.05689	.68349	.01090	.02121	.13147	.17492
#1	.20281	.20393	.20245	10.192	10.250	10.325	.20330
#2	.20338	.20409	.20050	10.191	10.253	10.344	.20381
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20293	10.521	.20295	.20376	.20775	.20642	.20092
SDev	.00125	.011	.00162	.00282	.00026	.00112	.00046
%RSD	.61562	.10269	.79898	1.3842	.12721	.54039	.22785
#1	.20205	10.529	.20410	.20576	.20793	.20721	.20124
#2	.20381	10.514	.20181	.20177	.20756	.20563	.20059
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20579	.19755	.20260	.20498	.20883	.20332	.20258
SDev	.00236	.00996	.00429	.00115	.00198	.00002	.00104
%RSD	1.1470	5.0410	2.1187	.56306	.94672	.00932	.51357
#1	.20746	.20459	.19957	.20580	.20743	.20331	.20185
#2	.20412	.19051	.20564	.20416	.21023	.20333	.20332
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20991	.05193
SDev	.00188	.00091
%RSD	.89743	1.7555
#1	.20858	.05258
#2	.21124	.05129
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3821	--	--	--	--	--	--
SDev	20.68287	--	--	--	--	--	--
%RSD	.5413231	--	--	--	--	--	--
#1	3806	--	--	--	--	--	--
#2	3835	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856096/(1:5) Operator: AH
Run Time: 10/02/08 19:25:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.724	.00465	.07060	.11119	.00066	148.43	.00044
SDev	.009	.00123	.00040	.00028	.00001	.03	.00013
%RSD	.06197	26.458	.56510	.25019	.86284	.02222	28.985
#1	14.730	.00551	.07032	.11139	.00066	148.40	.00035
#2	14.717	.00378	.07089	.11099	.00067	148.45	.00053
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00917	.02654	.04042	28.961	7.8396	77.271	1.0065
SDev	.00049	.00023	.00033	.021	.0274	.013	.0003
%RSD	5.4000	.86150	.82525	.07392	.34929	.01650	.03007
#1	.00882	.02637	.04018	28.976	7.8589	77.262	1.0068
#2	.00952	.02670	.04065	28.946	7.8202	77.280	1.0063
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	58.385	.02569	.19090	.19301	.19231	.00146
SDev	.00024	.102	.00058	.00257	.00361	.00155	.00043
%RSD	5.3070	.17432	2.2696	1.3467	1.8712	.80750	29.259
#1	.00475	58.313	.02527	.19272	.19045	.19121	.00176
#2	.00441	58.457	.02610	.18908	.19556	.19340	.00115
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00046	.00410	.00013	.25916	-.00057	.02853	.13407
SDev	.00185	.00335	.00104	.00155	.00289	.00010	.00016
%RSD	400.61	81.711	769.23	.59751	503.87	.34910	.12017
#1	-.00177	.00647	-.00060	.25807	.00147	.02846	.13396
#2	.00084	.00173	.00087	.26026	-.00262	.02860	.13419
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00007	.00077
SDev	.00077	.00040
%RSD	1135.2	52.005
#1	.00048	.00105
#2	-.00061	.00049
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3842	--	--	--	--	--	--
SDev	4.083473	--	--	--	--	--	--
%RSD	.1062771	--	--	--	--	--	--
#1	3839	--	--	--	--	--	--
#2	3845	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856522/PB Operator: AH
Run Time: 10/02/08 19:31:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00941	-.00378	-.00142	.00009	-.00003	.04465	.00004
SDev	.00005	.00253	.00132	.00011	.00001	.00033	.00006
%RSD	.55022	66.978	93.004	113.36	53.904	.74246	171.88
#1	.00937	L-.00556	-.00049	.00017	-.00002	.04489	-.00001
#2	.00945	-.00199	-.00236	.00002	-.00004	.04442	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.00041	.00013	-.00206	.02936	.00399	.00020
SDev	.00013	.00009	.00051	.01010	.04636	.00714	.00012
%RSD	164.92	22.371	393.09	490.02	157.92	179.02	58.571
#1	-.00017	-.00034	-.00023	.00508	.06214	.00904	.00028
#2	.00001	-.00047	.00049	-.00920	-.00343	-.00106	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.13584	-.00026	-.00016	-.00261	-.00179	.00361
SDev	.00031	.03740	.00028	.00270	.00342	.00138	.00279
%RSD	59.937	27.533	108.95	1656.0	131.20	77.027	77.397
#1	.00074	.10939	-.00046	.00175	-.00503	-.00277	.00163
#2	.00030	.16229	-.00006	-.00207	-.00019	-.00082	.00558
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00241	.00424	.00329	.00049	-.00220	-.00066	.00363
SDev	.00179	.00164	.00501	.00037	.00108	.00027	.00022
%RSD	74.233	38.648	152.13	74.888	49.027	40.439	6.1947
#1	-.00115	.00540	-.00025	.00075	-.00144	-.00047	.00379
#2	-.00368	.00308	.00683	.00023	-.00296	-.00085	.00347
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	H.03250	-.00024
SDev	.00157	.00062
%RSD	4.8357	252.37
#1	H.03361	.00019
#2	H.03139	-.00068

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3760	--	--	--	--	--	--
SDev	17.92523	--	--	--	--	--	--
%RSD	.4767094	--	--	--	--	--	--
#1	3748	--	--	--	--	--	--
#2	3773	--	--	--	--	--	--

Analysis Report 10/02/08 07:41:44 PM

Method: TRACE2 Sample Name: AD856521/CLPSL Operator: AH
Run Time: 10/02/08 19:36:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	84.635	1.2402	1.2737	2.1090	1.0979	92.778	1.0005
SDev	.522	.0081	.0142	.0101	.0071	.709	.0100
%RSD	.61723	.65299	1.1167	.48098	.64534	.76466	.99730
#1	84.265	1.2345	1.2636	2.1018	1.0929	92.277	.99345
#2	85.004	1.2459	1.2837	2.1162	1.1029	93.280	1.0076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	148.00	1.6000	1.6300	2.6800	1.3600	112.00	1.2000
Low	62.500	1.0700	.87600	1.8400	.97900	79.900	.85300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.2834	2.2082	1.4877	141.80	47.656	44.243	4.8431
SDev	.0144	.0257	.0082	1.51	.595	.466	.0518
%RSD	1.1203	1.1631	.55204	1.0615	1.2478	1.0526	1.0699
#1	1.2733	2.1901	1.4819	140.74	47.236	43.913	4.8064
#2	1.2936	2.2264	1.4935	142.86	48.077	44.572	4.8797
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1.5700	2.5800	1.8100	277.00	67.000	58.600	5.9900
Low	1.0800	1.7900	1.2900	93.600	39.000	38.100	4.2100

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0815	7.9964	1.2102	1.5327	1.5743	1.5605	.93090
SDev	.0170	.0166	.0089	.0093	.0130	.0117	.01406
%RSD	1.5741	.20792	.73628	.60456	.82323	.75171	1.5106
#1	1.0694	7.9846	1.2039	1.5262	1.5652	1.5522	.92096
#2	1.0935	8.0081	1.2165	1.5393	1.5835	1.5688	.94085
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.3200	10.100	1.4300			1.9900	1.1600
Low	.89100	5.8900	.95700			1.3700	.72000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52291	.90731	.94271	4.3500	1.5417	1.1360	2.5843
SDev	.00756	.00451	.01884	.0239	.0317	.0115	.0298
%RSD	1.4467	.49755	1.9982	.54935	2.0583	1.0108	1.1535
#1	.51756	.90412	.92939	4.3331	1.5192	1.1279	2.5632
#2	.52826	.91050	.95603	4.3669	1.5641	1.1441	2.6054
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	1.6400			7.0700	1.8200	1.4800	3.3400
Low	.00690			1.3500	1.2400	.97800	2.2700

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	1.0003	.78470
SDev	.0157	.00692
%RSD	1.5707	.88216
#1	.98920	.77981
#2	1.0114	.78960
Errors	LC Pass	LC Pass
High	1.3500	1.0800
Low	.82100	.53800

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4068	--	--	--	--	--	--
SDev	19.83421	--	--	--	--	--	--
%RSD	.4875486	--	--	--	--	--	--
#1	4082	--	--	--	--	--	--
#2	4054	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856504 Operator: AH
Run Time: 10/02/08 19:41:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.178	.02814	.08131	.80737	.00515	457.71	.00224
SDev	.256	.00131	.00015	.00195	.00002	1.58	.00009
%RSD	.27775	4.6487	.18410	.24179	.41773	.34450	3.8597
#1	91.997	.02906	.08120	.80599	.00514	456.59	.00230
#2	92.359	.02721	.08142	.80875	.00517	458.82	.00218
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07098	.14075	.17874	170.22	18.166	110.24	4.4872
SDev	.00011	.00031	.00061	.03	.045	.02	.0013
%RSD	.15265	.21776	.34302	.01569	.25022	.01860	.02989
#1	.07106	.14054	.17830	170.24	18.198	110.22	4.4881
#2	.07090	.14097	.17917	170.20	18.134	110.25	4.4862
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00961	1.8158	.17795	.41214	.42252	.41906	.00014
SDev	.00023	.2140	.00063	.00079	.00040	.00001	.00433
%RSD	2.4296	11.786	.35355	.19065	.09445	.00109	3086.1
#1	.00945	1.6645	.17751	.41269	.42224	.41906	.00320
#2	.00978	1.9671	.17840	.41158	.42280	.41906	-.00292
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00144	-.00161	.00102	1.7641	L-.01586	.17297	.61071
SDev	.00194	.00631	.00334	.0019	.00972	.00007	.00080
%RSD	134.68	391.52	328.29	.10851	61.281	.04002	.13026
#1	.00007	.00285	.00338	1.7627	L-.02273	.17292	.61015
#2	.00282	-.00607	-.00134	1.7654	-.00898	.17302	.61127
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02017	.00025
SDev	.00144	.00024
%RSD	7.1365	97.990
#1	.01915	.00008
#2	.02119	.00042
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3989	--	--	--	--	--	--
SDev	11.56127	--	--	--	--	--	--
%RSD	.2898486	--	--	--	--	--	--
#1	3997	--	--	--	--	--	--
#2	3981	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856504/L (1:5) Operator: AH
Run Time: 10/02/08 19:47:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.355	.00481	.01981	.18056	.00120	100.36	.00047
SDev	.602	.00190	.00107	.00452	.00003	1.83	.00002
%RSD	2.8188	39.479	5.3813	2.5014	2.2957	1.8249	4.3329
#1	21.781	.00616	.02056	.18375	.00118	101.66	.00048
#2	20.929	.00347	.01905	.17736	.00122	99.066	.00045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01664	.03236	.03808	38.506	4.3561	24.607	1.0046
SDev	.00009	.00095	.00075	.795	.2308	.513	.0196
%RSD	.50947	2.9444	1.9586	2.0642	5.2982	2.0828	1.9464
#1	.01670	.03304	.03861	39.068	4.5193	24.969	1.0184
#2	.01658	.03169	.03755	37.944	4.1929	24.245	.99076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	.44384	.04135	.08867	.09824	.09505	.00220
SDev	.00036	.19383	.00043	.00556	.00051	.00219	.00226
%RSD	33.158	43.670	1.0462	6.2691	.52325	2.3081	102.56
#1	.00083	.58090	.04166	.09260	.09860	.09661	.00061
#2	.00135	.30679	.04105	.08474	.09788	.09350	.00380
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00154	.00984	-.00162	.44645	-.00507	.03921	.13920
SDev	.00390	.00055	.00312	.02750	.00451	.00141	.00250
%RSD	253.71	5.5832	192.69	6.1597	88.980	3.6041	1.7982
#1	.00122	.00946	-.00382	.46590	-.00188	.04020	.14097
#2	-.00430	.01023	.00059	.42701	-.00827	.03821	.13743
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00243	-.00042
SDev	.00134	.00041
%RSD	55.227	98.210
#1	.00338	-.00013
#2	.00148	-.00070
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3859	--	--	--	--	--	--
SDev	.4773316	--	--	--	--	--	--
%RSD	.0123707	--	--	--	--	--	--
#1	3859	--	--	--	--	--	--
#2	3858	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856504/PS Operator: AH
Run Time: 10/02/08 19:52:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	108.01	.39628	.44008	1.1596	.36298	459.46	.35406
SDev	.55	.00392	.00034	.0047	.00111	1.84	.00006
%RSD	.51128	.98795	.07834	.40249	.30507	.40054	.01843
#1	108.40	.39904	.44033	1.1629	.36377	460.76	.35401
#2	107.62	.39351	.43984	1.1563	.36220	458.16	.35410
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42115	.49429	.54198	181.71	37.607	124.76	4.6792
SDev	.00026	.00070	.00232	.06	.023	.04	.0016
%RSD	.06068	.14145	.42891	.03040	.06125	.02923	.03438
#1	.42097	.49380	.54362	181.67	37.623	124.74	4.6781
#2	.42133	.49479	.54033	181.75	37.590	124.79	4.6804
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36876	20.498	.51921	.74307	.76429	.75723	.36296
SDev	.00166	.095	.00273	.00152	.00294	.00145	.00492
%RSD	.45130	.46554	.52592	.20511	.38403	.19151	1.3551
#1	.36758	20.565	.52114	.74199	.76637	.75825	.35948
#2	.36993	20.431	.51728	.74415	.76222	.75620	.36644
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36787	.35857	.36516	2.0925	.34528	.53603	.92750
SDev	.00042	.00773	.00351	.0170	.00482	.00040	.00048
%RSD	.11367	2.1548	.96240	.81368	1.3960	.07496	.05153
#1	.36757	.35311	.36267	2.1046	.34187	.53574	.92716
#2	.36816	.36404	.36764	2.0805	.34869	.53631	.92784
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.30632	.09536
SDev	.00100	.00003
%RSD	.32544	.03246
#1	.30703	.09534
#2	.30562	.09538
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3948	--	--	--	--	--	--
SDev	9.705110	--	--	--	--	--	--
%RSD	.2458538	--	--	--	--	--	--
#1	3941	--	--	--	--	--	--
#2	3954	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856505/MS Operator: AH
Run Time: 10/02/08 19:58:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.612	.39536	.42141	1.0697	.36818	H670.59	.35830
SDev	.413	.00095	.00005	.0060	.00134	1.95	.00076
%RSD	.42753	.24053	.01112	.55626	.36377	.29110	.21183
#1	96.904	.39603	.42145	1.0739	.36913	H671.97	.35884
#2	96.320	.39469	.42138	1.0655	.36723	H669.21	.35776
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41824	.52591	.61019	192.66	33.008	114.08	5.3348
SDev	.00028	.00124	.00295	.35	.124	.23	.0110
%RSD	.06784	.23659	.48269	.18347	.37644	.20144	.20578
#1	.41844	.52679	.61227	192.91	33.096	114.25	5.3425
#2	.41804	.52503	.60811	192.41	32.921	113.92	5.3270
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35480	20.664	.50925	1.3545	1.3917	1.3793	.34025
SDev	.00193	.062	.00275	.0068	.0036	.0001	.00210
%RSD	.54261	.30135	.54087	.50295	.25952	.01019	.61741
#1	.35344	20.620	.51119	1.3593	1.3892	1.3792	.33876
#2	.35616	20.708	.50730	1.3497	1.3943	1.3794	.34173
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13211	.33652	.34211	1.8549	.35647	.53054	1.1403
SDev	.00341	.00027	.00329	.0118	.00871	.00194	.0033
%RSD	2.5820	.07989	.96037	.63639	2.4429	.36623	.28684
#1	.13452	.33671	.33979	1.8632	.36263	.53191	1.1426
#2	.12970	.33633	.34444	1.8465	.35031	.52917	1.1380
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.35621	.09781
SDev	.00106	.00069
%RSD	.29843	.70664
#1	.35546	.09830
#2	.35696	.09732
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3951	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1745015	--	--	--	--	--	--
#1	3946	--	--	--	--	--	--
#2	3956	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 08:10:16 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/02/08 20:04:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.750	.48317	.48613	.50009	.49045	24.852	.48876
SDev	.112	.00445	.00207	.00286	.00179	.065	.00101
%RSD	.45348	.92058	.42530	.57278	.36508	.26134	.20580
#1	24.829	.48003	.48467	.50212	.49172	24.898	.48805
#2	24.670	.48632	.48759	.49807	.48919	24.806	.48947
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48451	.50533	.48401	24.286	24.951	24.995	.49473
SDev	.00031	.00003	.00183	.012	.013	.021	.00034
%RSD	.06375	.00654	.37736	.05071	.05093	.08474	.06838
#1	.48429	.50535	.48531	24.295	24.960	24.980	.49449
#2	.48473	.50531	.48272	24.278	24.942	25.010	.49497
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49447	24.753	.49298	.49124	.50189	.49834	.50262
SDev	.00255	.031	.00036	.00320	.00155	.00003	.00683
%RSD	.51612	.12347	.07209	.65136	.30845	.00661	1.3596
#1	.49266	24.731	.49323	.49350	.50079	.49837	.49778
#2	.49627	24.774	.49273	.48898	.50298	.49832	.50745
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51645	.48577	.51105	.51737	.51036	.49119	.49055
SDev	.00559	.01015	.00518	.00203	.00373	.00020	.00103
%RSD	1.0819	2.0893	1.0128	.39337	.73168	.04053	.20937
#1	.51250	.47860	.50739	.51880	.50772	.49104	.48982
#2	.52041	.49295	.51471	.51593	.51300	.49133	.49128
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.51035	.49692
SDev	.00410	.00020
%RSD	.80383	.04029
#1	.50745	.49706
#2	.51325	.49677
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3782	--	--	--	--	--	--
SDev	17.44789	--	--	--	--	--	--
%RSD	.4613877	--	--	--	--	--	--
#1	3769	--	--	--	--	--	--
#2	3794	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 08:15:42 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/02/08 20:10:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00510	-.00196	-.00022	.00009	-.00002	.00094	.00002
SDev	.00894	.00021	.00065	.00019	.00001	.00075	.00009
%RSD	175.18	10.989	299.75	209.36	41.715	79.297	578.75
#1	.01142	-.00180	.00024	.00023	-.00001	.00147	.00008
#2	-.00122	-.00211	-.00068	-.00004	-.00002	.00041	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00050	-.00027	-.00051	-.00816	-.00086	.00103	.00010
SDev	.00015	.00039	.00110	.00655	.01607	.00415	.00000
%RSD	30.110	148.23	216.27	80.310	1862.7	402.37	.15666
#1	.00061	.00001	.00027	-.00352	.01050	-.00190	.00010
#2	.00040	-.00054	-.00129	-.01279	-.01223	.00396	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00297	.18502	-.00002	-.00131	-.00136	-.00134	.00093
SDev	.00002	.15345	.00086	.00786	.00141	.00168	.00485
%RSD	.81194	82.937	3542.6	598.67	103.40	124.83	522.04
#1	.00295	.29353	.00058	-.00687	-.00037	-.00253	.00436
#2	.00299	.07652	-.00063	.00424	-.00235	-.00016	-.00250
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.00137	.00071	.00040	-.00816	.00015	.00048
SDev	.00100	.00532	.00993	.00019	.00691	.00020	.00010
%RSD	77.415	388.10	1402.9	46.681	84.736	137.56	21.235
#1	.00200	-.00239	.00773	.00053	-.00327	.00029	.00056
#2	.00059	.00513	-.00632	.00027	L-.01305	.00000	.00041
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00257	-.00006
SDev	.00175	.00066
%RSD	67.993	1026.3
#1	-.00381	-.00053
#2	-.00134	.00040
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3764	--	--	--	--	--	--
SDev	2.439484	--	--	--	--	--	--
%RSD	.0648196	--	--	--	--	--	--
#1	3765	--	--	--	--	--	--
#2	3762	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856506/SD Operator: AH
Run Time: 10/02/08 20:15:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.578	.39865	.41843	1.1273	.36504	413.96	.35719
SDev	.241	.00314	.00316	.0036	.00096	1.22	.00075
%RSD	.24173	.78903	.75491	.31848	.26174	.29549	.21098
#1	99.749	.40087	.42066	1.1298	.36572	414.83	.35773
#2	99.408	.39643	.41620	1.1248	.36437	413.10	.35666
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41477	.53056	.59887	171.16	32.782	107.59	4.7274
SDev	.00162	.00064	.00197	.26	.012	.26	.0070
%RSD	.39042	.12165	.32962	.15421	.03655	.23982	.14867
#1	.41592	.53102	.60027	171.35	32.774	107.77	4.7323
#2	.41363	.53011	.59747	170.98	32.791	107.41	4.7224
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.34885	20.591	.50501	1.3288	1.3742	1.3591	.34735
SDev	.00326	.017	.00175	.0018	.0000	.0006	.00145
%RSD	.93295	.08397	.34724	.13524	.00175	.04285	.41654
#1	.34655	20.603	.50624	1.3300	1.3742	1.3595	.34837
#2	.35116	20.579	.50376	1.3275	1.3743	1.3587	.34633
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13683	.33745	.35230	2.0132	.34940	.51914	1.0358
SDev	.00040	.00240	.00337	.0000	.00326	.00089	.0024
%RSD	.29273	.71070	.95641	.00109	.93261	.17112	.23223
#1	.13655	.33576	.35468	2.0132	.34709	.51977	1.0375
#2	.13712	.33915	.34992	2.0132	.35170	.51851	1.0341
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.35716	.09685
SDev	.00144	.00040
%RSD	.40320	.40884
#1	.35818	.09713
#2	.35614	.09657
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3970	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1469576	--	--	--	--	--	--
#1	3965	--	--	--	--	--	--
#2	3974	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856507 Operator: AH
Run Time: 10/02/08 20:21:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	65.479	.03786	.04223	.37069	.00467	60.985	.00120
SDev	.020	.00071	.00055	.00071	.00002	.098	.00003
%RSD	.03064	1.8631	1.2948	.19190	.46427	.16130	2.5247
#1	65.493	.03736	.04184	.37119	.00465	60.915	.00118
#2	65.465	.03836	.04262	.37018	.00468	61.055	.00122
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04494	.06539	.18994	86.002	5.4864	16.152	1.0787
SDev	.00041	.00012	.00005	.104	.0055	.040	.0013
%RSD	.91380	.18969	.02830	.12147	.10079	.24955	.11806
#1	.04523	.06530	.18998	85.928	5.4903	16.124	1.0778
#2	.04465	.06547	.18990	86.076	5.4825	16.181	1.0796
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00702	1.1849	.12201	.30247	.30866	.30660	.00514
SDev	.00067	.1054	.00036	.00168	.00227	.00095	.00241
%RSD	9.4721	8.8958	.29904	.55644	.73370	.30987	46.867
#1	.00749	1.1103	.12226	.30366	.30706	.30593	.00344
#2	.00655	1.2594	.12175	.30128	.31026	.30727	.00684
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	.00885	.00328	1.0730	-.00425	.10800	.57358
SDev	.00196	.00018	.00370	.0062	.00355	.00012	.00161
%RSD	303.97	2.0350	112.85	.57432	83.580	.11502	.28059
#1	-.00204	.00898	.00066	1.0687	-.00677	.10792	.57244
#2	.00074	.00873	.00590	1.0774	-.00174	.10809	.57472
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.01891	.00055
SDev	.00128	.00001
%RSD	6.7433	2.1736
#1	.01981	.00056
#2	.01800	.00054
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3916	--	--	--	--	--	--
SDev	4.613975	--	--	--	--	--	--
%RSD	.1178165	--	--	--	--	--	--
#1	3913	--	--	--	--	--	--
#2	3920	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856508 Operator: AH
Run Time: 10/02/08 20:26:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	99.832	.04092	.02884	.57176	.00337	14.795	.00104
SDev	.129	.00385	.00164	.00050	.00003	.042	.00001
%RSD	.12937	9.4162	5.6948	.08692	.77286	.28332	.71863
#1	99.924	.04364	.03000	.57211	.00339	14.825	.00103
#2	99.741	.03819	.02768	.57140	.00335	14.765	.00104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05685	.12153	.06029	117.35	7.8070	22.084	.60344
SDev	.00064	.00093	.00027	.12	.0092	.055	.00039
%RSD	1.1275	.76099	.45470	.10559	.11839	.24822	.06399
#1	.05730	.12219	.06048	117.44	7.8135	22.123	.60372
#2	.05639	.12088	.06009	117.26	7.8005	22.045	.60317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00742	.97580	.11203	.14034	.14228	.14164	-.00064
SDev	.00055	.07673	.00034	.00519	.00268	.00006	.00074
%RSD	7.3720	7.8635	.30215	3.6958	1.8861	.04432	114.44
#1	.00781	.92155	.11227	.13667	.14418	.14168	-.00116
#2	.00703	1.0301	.11179	.14401	.14038	.14159	-.00012
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00060	-.00050	-.00071	1.1986	L-.01302	.17901	.43809
SDev	.00284	.00617	.00198	.0037	.00077	.00098	.00094
%RSD	471.11	1221.4	277.30	.30621	5.8863	.54688	.21522
#1	.00141	-.00487	.00069	1.2012	L-.01356	.17970	.43876
#2	-.00261	.00386	-.00211	1.1960	L-.01248	.17832	.43743
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04900	.00027
SDev	.00314	.00021
%RSD	6.4132	80.331
#1	.04678	.00042
#2	.05122	.00012
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3874	--	--	--	--	--	--
SDev	5.674463	--	--	--	--	--	--
%RSD	.1464581	--	--	--	--	--	--
#1	3870	--	--	--	--	--	--
#2	3878	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856509 Operator: AH
Run Time: 10/02/08 20:32:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69810	.00565	.04552	.37927	.00025	32.639	.01361
SDev	.04147	.00009	.00647	.02639	.00031	2.432	.00127
%RSD	5.9397	1.6195	14.208	6.9571	123.79	7.4499	9.3526
#1	.66878	.00558	.04095	.36062	.00003	30.920	.01271
#2	.72743	.00571	.05009	.39793	.00048	34.359	.01451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00143	.01806	.49952	1.9186	5.7919	2.8653	.06586
SDev	.00019	.00199	.03702	.2039	.4025	.3102	.00707
%RSD	13.352	11.029	7.4116	10.628	6.9485	10.825	10.743
#1	.00130	.01665	.47334	1.7744	5.5073	2.6459	.06086
#2	.00157	.01947	.52570	2.0628	6.0765	3.0846	.07086
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00220	13.939	.07512	1.4151	1.4699	1.4516	.00720
SDev	.00072	.734	.00516	.1121	.1450	.1340	.00424
%RSD	32.942	5.2689	6.8732	7.9198	9.8628	9.2320	58.807
#1	.00271	13.420	.07146	1.3358	1.3674	1.3569	.00421
#2	.00168	14.458	.07877	1.4943	1.5724	1.5464	.01020
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00329	.01787	.00187	.02271	-.00724	.00354	1.5498
SDev	.00215	.00317	.00794	.00088	.00410	.00073	.1671
%RSD	65.450	17.737	424.57	3.8813	56.690	20.583	10.782
#1	.00481	.02011	-.00374	.02333	L-.01014	.00302	1.4316
#2	.00177	.01563	.00748	.02208	-.00434	.00405	1.6680
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03907	.08337
SDev	.00655	.00714
%RSD	16.768	8.5664
#1	.03444	.07832
#2	.04371	.08842
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3510	--	--	--	--	--	--
SDev	323.7135	--	--	--	--	--	--
%RSD	9.221819	--	--	--	--	--	--
#1	3739	--	--	--	--	--	--
#2	3281	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856510 Operator: AH
Run Time: 10/02/08 20:37:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81312	.00608	.07362	.21368	.00005	74.263	.00252
SDev	.00458	.00259	.00115	.00020	.00002	.355	.00006
%RSD	.56334	42.544	1.5634	.09295	43.012	.47850	2.4065
#1	.80988	.00791	.07280	.21354	.00003	74.012	.00248
#2	.81636	.00425	.07443	.21382	.00006	74.514	.00256
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00118	.01657	.11694	2.2817	8.4522	4.1173	.34029
SDev	.00034	.00025	.00044	.0139	.0026	.0007	.00079
%RSD	29.048	1.5310	.37839	.60956	.03041	.01695	.23333
#1	.00094	.01639	.11662	2.2719	8.4540	4.1168	.33973
#2	.00143	.01675	.11725	2.2915	8.4504	4.1178	.34085
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00150	11.133	.01555	.16359	.16922	.16734	.00570
SDev	.00047	.033	.00031	.00487	.00258	.00010	.00151
%RSD	31.756	.29681	1.9922	2.9769	1.5237	.05866	26.412
#1	.00183	11.157	.01533	.16703	.16739	.16727	.00464
#2	.00116	11.110	.01577	.16015	.17104	.16741	.00677
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00171	.01137	.00287	.02312	-.00996	.00163	.76000
SDev	.00113	.00286	.00369	.00040	.00206	.00028	.00438
%RSD	66.182	25.195	128.51	1.7324	20.667	16.952	.57684
#1	-.00091	.01339	.00026	.02284	L-.01142	.00144	.75690
#2	-.00251	.00934	.00548	.02341	-.00851	.00183	.76310
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03145	.04013
SDev	.00382	.00013
%RSD	12.153	.32978
#1	.03416	.04023
#2	.02875	.04004
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3659	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0869714	--	--	--	--	--	--
#1	3661	--	--	--	--	--	--
#2	3656	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856511 Operator: AH
Run Time: 10/02/08 20:42:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45337	.00262	.02574	.10900	-.00001	25.137	.00748
SDev	.00111	.00207	.00097	.00034	.00000	.062	.00006
%RSD	.24530	78.772	3.7508	.31389	83.060	.24725	.83464
#1	.45416	.00116	.02505	.10876	-.00000	25.093	.00744
#2	.45259	.00408	.02642	.10924	-.00001	25.181	.00752
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00925	.16946	.96579	3.4596	1.9578	.04797
SDev	.00034	.00017	.00045	.00041	.0465	.0010	.00012
%RSD	39.466	1.8237	.26750	.04280	1.3435	.04987	.24460
#1	.00062	.00913	.16913	.96550	3.4925	1.9585	.04805
#2	.00110	.00937	.16978	.96608	3.4267	1.9571	.04789
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	10.419	.01548	.09591	.10094	.09926	.00118
SDev	.00004	.039	.00059	.00016	.00016	.00016	.00358
%RSD	3.6382	.37388	3.8086	.16383	.16355	.16364	302.61
#1	.00118	10.392	.01589	.09602	.10106	.09938	.00371
#2	.00124	10.447	.01506	.09580	.10082	.09915	-.00135
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.00519	-.00082	.01499	-.00601	.00139	.78580
SDev	.00041	.00374	.00350	.00183	.00155	.00007	.00007
%RSD	100.37	72.013	424.73	12.193	25.764	5.0166	.00956
#1	-.00012	.00784	.00165	.01370	-.00491	.00144	.78586
#2	-.00071	.00255	-.00330	.01629	-.00710	.00134	.78575
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03149	.03161
SDev	.00135	.00069
%RSD	4.2981	2.1968
#1	.03053	.03210
#2	.03245	.03112
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3696	--	--	--	--	--	--
SDev	2.333487	--	--	--	--	--	--
%RSD	.0631278	--	--	--	--	--	--
#1	3695	--	--	--	--	--	--
#2	3698	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856512 Operator: AH
Run Time: 10/02/08 20:48:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31446	.00127	.01779	.17142	-.00010	23.049	.00387
SDev	.00989	.00013	.00228	.00095	.00006	.234	.00032
%RSD	3.1438	9.9710	12.842	.55348	59.392	1.0170	8.3136
#1	.30747	.00118	.01617	.17075	-.00014	22.884	.00364
#2	.32145	.00136	.01940	.17209	-.00006	23.215	.00409
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	.00751	.75791	.88792	2.8538	1.9223	.03438
SDev	.00134	.00136	.00687	.02778	.0491	.0117	.00028
%RSD	189.47	18.165	.90666	3.1288	1.7213	.60825	.80721
#1	-.00024	.00654	.75305	.86828	2.8885	1.9141	.03419
#2	.00165	.00847	.76277	.90757	2.8190	1.9306	.03458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	9.9129	.01268	.21413	.21196	.21268	.00336
SDev	.00095	.2106	.00090	.01020	.00671	.00108	.00356
%RSD	68.243	2.1241	7.1053	4.7622	3.1672	.50869	106.03
#1	.00207	10.062	.01205	.22134	.20721	.21192	.00588
#2	.00072	9.7640	.01332	.20692	.21671	.21345	.00084
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00139	.01101	-.00046	.00944	L-.01081	.00104	1.0178
SDev	.00100	.00794	.00138	.00064	.00482	.00216	.0066
%RSD	72.479	72.118	297.21	6.8241	44.592	207.35	.64754
#1	-.00210	.01663	.00051	.00989	-.00740	-.00049	1.0132
#2	-.00068	.00540	-.00144	.00898	L-.01421	.00257	1.0225
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02794	.06123
SDev	.00011	.00030
%RSD	.40487	.49598
#1	.02786	.06144
#2	.02802	.06101
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3760	--	--	--	--	--	--
SDev	42.69157	--	--	--	--	--	--
%RSD	1.135524	--	--	--	--	--	--
#1	3790	--	--	--	--	--	--
#2	3729	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856513 Operator: AH
Run Time: 10/02/08 20:53:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55009	.00595	.03593	.20537	.00001	28.629	.00731
SDev	.00329	.00139	.00081	.00047	.00001	.007	.00008
%RSD	.59722	23.412	2.2399	.23055	53.884	.02440	1.0959
#1	.55241	.00693	.03650	.20570	.00001	28.634	.00725
#2	.54777	.00496	.03536	.20504	.00001	28.624	.00737
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	.01646	.21450	1.0827	2.6619	2.3614	.07048
SDev	.00015	.00009	.00007	.0052	.0577	.0001	.00016
%RSD	13.032	.56823	.03479	.47889	2.1682	.00423	.22730
#1	.00130	.01652	.21445	1.0790	2.7027	2.3615	.07059
#2	.00108	.01639	.21455	1.0864	2.6210	2.3613	.07037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	10.697	.01410	.16623	.17218	.17020	.00253
SDev	.00194	.000	.00051	.00061	.00017	.00009	.00211
%RSD	123.62	.00374	3.6092	.36652	.10043	.05144	83.251
#1	.00020	10.697	.01446	.16580	.17231	.17014	.00402
#2	.00294	10.697	.01374	.16666	.17206	.17026	.00104
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	.00637	.00061	.01394	-.00950	.00135	.95106
SDev	.00003	.00712	.00040	.00039	.00727	.00000	.00029
%RSD	5.1004	111.75	66.500	2.8031	76.548	.14722	.03028
#1	-.00067	.01141	.00032	.01421	L-.01465	.00135	.95127
#2	-.00063	.00134	.00089	.01366	-.00436	.00135	.95086
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04162	.03229
SDev	.00478	.00015
%RSD	11.484	.47538
#1	.03824	.03218
#2	.04500	.03239
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3684	--	--	--	--	--	--
SDev	6.841293	--	--	--	--	--	--
%RSD	.1857161	--	--	--	--	--	--
#1	3679	--	--	--	--	--	--
#2	3689	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856514 Operator: AH
Run Time: 10/02/08 20:59:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49028	.00091	.02044	.17823	.00009	25.685	.00303
SDev	.00341	.00229	.00035	.00047	.00000	.011	.00009
%RSD	.69511	250.46	1.7260	.26542	2.6233	.04215	2.9403
#1	.48787	-.00070	.02069	.17856	.00009	25.677	.00297
#2	.49269	.00253	.02019	.17789	.00009	25.693	.00310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.01071	.08071	1.0474	1.4935	2.1422	.04299
SDev	.00019	.00046	.00010	.0017	.0161	.0020	.00013
%RSD	22.565	4.2765	.12506	.16532	1.0753	.09319	.29042
#1	.00069	.01039	.08063	1.0462	1.5048	2.1408	.04308
#2	.00096	.01103	.08078	1.0486	1.4821	2.1436	.04290
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	10.791	.01016	.14051	.14253	.14186	.00359
SDev	.00038	.190	.00050	.00278	.00224	.00057	.00173
%RSD	33.426	1.7571	4.9465	1.9759	1.5722	.40189	48.295
#1	.00086	10.657	.00981	.14247	.14095	.14146	.00236
#2	.00140	10.925	.01052	.13855	.14412	.14226	.00481
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00416	.00565	.00255	.01165	-.00941	.00120	.93005
SDev	.00123	.00233	.00143	.00017	.00002	.00020	.00037
%RSD	29.468	41.224	56.123	1.4769	.21888	16.640	.03941
#1	-.00503	.00400	.00154	.01177	-.00942	.00106	.92979
#2	-.00329	.00730	.00357	.01152	-.00939	.00134	.93031
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.03200	.03896
SDev	.00188	.00012
%RSD	5.8690	.29429
#1	.03067	.03904
#2	.03332	.03888
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3690	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.3233687	--	--	--	--	--	--
#1	3682	--	--	--	--	--	--
#2	3698	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856515 Operator: AH
Run Time: 10/02/08 21:04:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45892	.00381	.02617	.29234	-.00007	24.920	.00348
SDev	.00164	.00052	.00132	.00266	.00002	.153	.00001
%RSD	.35746	13.506	5.0346	.90988	23.793	.61244	.28691
#1	.45776	.00345	.02710	.29422	-.00008	25.028	.00349
#2	.46008	.00418	.02524	.29046	-.00006	24.812	.00347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	.00960	.12014	1.4957	2.4972	1.9665	.04877
SDev	.00009	.00009	.00026	.0036	.0495	.0070	.00001
%RSD	15.938	.90796	.21772	.24215	1.9821	.35390	.02064
#1	.00063	.00954	.12033	1.4982	2.5322	1.9714	.04877
#2	.00050	.00966	.11996	1.4931	2.4622	1.9616	.04876
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00207	10.684	.00875	.09147	.08506	.08719	.00206
SDev	.00143	.178	.00055	.00790	.00170	.00149	.00615
%RSD	68.830	1.6687	6.2592	8.6375	2.0034	1.7139	298.90
#1	.00308	10.810	.00837	.09706	.08385	.08825	.00641
#2	.00106	10.558	.00914	.08589	.08626	.08614	-.00229
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00899	-.00141	.01044	L-.01081	.00055	.90356
SDev	.00184	.01280	.00283	.00011	.00298	.00001	.00050
%RSD	6801.5	142.34	201.46	1.0919	27.608	.82496	.05517
#1	.00133	.01804	.00060	.01052	-.00870	.00055	.90391
#2	-.00127	-.00006	-.00341	.01036	L-.01292	.00055	.90321
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.02625	.06146
SDev	.00114	.00236
%RSD	4.3413	3.8362
#1	.02705	.06313
#2	.02544	.05980
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3749	--	--	--	--	--	--
SDev	12.83392	--	--	--	--	--	--
%RSD	.3423679	--	--	--	--	--	--
#1	3740	--	--	--	--	--	--
#2	3758	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 09:16:42 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/02/08 21:11:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.633	.47655	.48483	.49705	.48496	24.543	.48212
SDev	.164	.00721	.00237	.00325	.00400	.213	.00202
%RSD	.66678	1.5125	.48883	.65302	.82470	.86939	.41937
#1	24.516	.47145	.48316	.49475	.48213	24.392	.48069
#2	24.749	.48164	.48651	.49934	.48779	24.694	.48355
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47857	.49843	.48422	23.987	24.712	24.669	.48870
SDev	.00211	.00185	.00215	.078	.023	.140	.00137
%RSD	.44092	.37103	.44481	.32460	.09148	.56764	.28044
#1	.47708	.49712	.48270	23.932	24.696	24.570	.48773
#2	.48006	.49974	.48575	24.042	24.728	24.768	.48967
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48772	24.582	.48840	.47983	.49850	.49228	.49325
SDev	.00558	.148	.00405	.00662	.00109	.00293	.00527
%RSD	1.1443	.60409	.82855	1.3790	.21759	.59454	1.0687
#1	.48377	24.477	.48554	.47515	.49773	.49021	.49698
#2	.49166	24.687	.49126	.48451	.49927	.49435	.48952
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51413	.47548	.50215	.51443	Q.27857	.48587	.48154
SDev	.00166	.00073	.00754	.00342	.03199	.00071	.00257
%RSD	.32241	.15262	1.5025	.66499	11.484	.14581	.53415
#1	.51296	.47599	.50748	.51201	Q.25595	.48537	.47972
#2	.51530	.47496	.49681	.51685	Q.30119	.48637	.48336
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50003	.49422
SDev	.00403	.00140
%RSD	.80557	.28249
#1	.49718	.49323
#2	.50288	.49521
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3853	--	--	--	--	--	--
SDev	42.37341	--	--	--	--	--	--
%RSD	1.099747	--	--	--	--	--	--
#1	3883	--	--	--	--	--	--
#2	3823	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 09:22:08 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/02/08 21:16:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00862	-.00370	-.00117	.00007	-.00004	.00968	.00003
SDev	.00033	.00012	.00134	.00019	.00000	.00015	.00003
%RSD	3.7829	3.3390	114.91	265.47	1.2544	1.6002	126.04
#1	.00839	-.00361	-.00022	-.00006	-.00004	.00979	.00005
#2	.00885	-.00378	-.00211	.00021	-.00004	.00957	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	-.00045	-.00055	.00317	.00680	.00513	.00016
SDev	.00000	.00013	.00037	.00549	.02666	.00209	.00001
%RSD	.05042	28.788	67.132	173.15	391.94	40.726	8.6481
#1	.00036	-.00054	-.00029	-.00071	.02566	.00365	.00017
#2	.00036	-.00036	-.00080	.00705	-.01205	.00661	.00015
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	.10536	.00006	.00021	-.00252	-.00161	.00458
SDev	.00055	.06443	.00050	.00309	.00082	.00048	.00103
%RSD	21.778	61.152	894.68	1495.8	32.663	29.932	22.476
#1	.00212	.05980	.00041	-.00198	-.00193	-.00195	.00385
#2	.00290	.15092	-.00030	.00239	-.00310	-.00127	.00531
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00958	.00208	.00043	H.02183	-.00033	.00070
SDev	.00343	.00301	.00004	.00024	.00612	.00020	.00020
%RSD	525.02	31.445	1.7726	55.878	28.041	60.453	29.414
#1	-.00177	.00745	.00205	.00026	H.02616	-.00047	.00055
#2	.00307	.01171	.00210	.00060	.01750	-.00019	.00084
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00294	-.00024
SDev	.00094	.00058
%RSD	31.949	243.34
#1	-.00227	-.00064
#2	-.00360	.00017
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3798	--	--	--	--	--	--
SDev	.5833285	--	--	--	--	--	--
%RSD	.0153569	--	--	--	--	--	--
#1	3798	--	--	--	--	--	--
#2	3799	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856516 Operator: AH
Run Time: 10/02/08 21:22:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.55192	.00556	.03078	.16213	-.00015	25.391	.01059
SDev	.00038	.00138	.00154	.00058	.00001	.027	.00005
%RSD	.06956	24.769	4.9910	.35851	4.8100	.10468	.47140
#1	.55165	.00653	.02969	.16254	-.00016	25.410	.01062
#2	.55219	.00459	.03186	.16172	-.00015	25.372	.01055
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00133	.01480	.41820	3.0909	4.1585	2.2177	.06609
SDev	.00030	.00025	.00096	.0013	.0380	.0105	.00012
%RSD	22.430	1.7101	.22950	.04324	.91427	.47468	.17402
#1	.00112	.01462	.41888	3.0899	4.1854	2.2252	.06601
#2	.00154	.01498	.41752	3.0918	4.1317	2.2103	.06617
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00193	10.084	.02578	.18289	.18924	.18712	.00177
SDev	.00063	.132	.00016	.00492	.00186	.00040	.00027
%RSD	32.902	1.3064	.61013	2.6873	.98132	.21267	15.103
#1	.00237	10.177	.02589	.18636	.18793	.18740	.00196
#2	.00148	9.9907	.02566	.17941	.19055	.18684	.00158
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00119	.00293	.00120	.01491	.00253	.00139	.86709
SDev	.00560	.00561	.00240	.00033	.00381	.00006	.00091
%RSD	468.90	191.40	201.01	2.1867	150.61	4.4846	.10492
#1	.00277	.00690	-.00050	.01514	.00522	.00135	.86645
#2	-.00516	-.00104	.00289	.01468	-.00016	.00143	.86773
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.05223	.18343
SDev	.00001	.00131
%RSD	.01568	.71419
#1	.05222	.18436
#2	.05223	.18250
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3822	--	--	--	--	--	--
SDev	6.310963	--	--	--	--	--	--
%RSD	.1651042	--	--	--	--	--	--
#1	3818	--	--	--	--	--	--
#2	3827	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856517 Operator: AH
Run Time: 10/02/08 21:27:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37492	.00212	.02367	.25621	-.00002	25.903	.00765
SDev	.00042	.00001	.00003	.00015	.00001	.029	.00005
%RSD	.11125	.21995	.11413	.05892	50.013	.11047	.67384
#1	.37463	.00212	.02369	.25611	-.00003	25.883	.00761
#2	.37522	.00212	.02365	.25632	-.00001	25.924	.00768
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	.02374	.17628	.87140	2.7338	1.9696	.03787
SDev	.00015	.00002	.00007	.00020	.0095	.0025	.00009
%RSD	19.589	.10182	.03968	.02301	.34801	.12598	.22664
#1	.00068	.02376	.17633	.87125	2.7405	1.9713	.03781
#2	.00090	.02372	.17623	.87154	2.7270	1.9678	.03793
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	10.421	.01259	.16551	.17027	.16869	.00018
SDev	.00059	.001	.00006	.00548	.00158	.00077	.00138
%RSD	33.710	.01033	.48638	3.3102	.92559	.45834	745.80
#1	.00216	10.422	.01264	.16938	.16916	.16923	.00116
#2	.00133	10.420	.01255	.16163	.17139	.16814	-.00079
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00194	.00594	-.00269	.01128	-.00765	.00134	.72966
SDev	.00632	.00605	.00096	.00075	.00052	.00014	.00255
%RSD	325.16	101.88	35.707	6.6513	6.7866	10.527	.34991
#1	.00253	.01022	-.00337	.01181	-.00729	.00144	.72785
#2	-.00642	.00166	-.00201	.01075	-.00802	.00124	.73146
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04821	.03878
SDev	.00286	.00119
%RSD	5.9242	3.0709
#1	.04619	.03963
#2	.05023	.03794
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3704	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.2691468	--	--	--	--	--	--
#1	3697	--	--	--	--	--	--
#2	3711	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856518 Operator: AH
Run Time: 10/02/08 21:33:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.78941	.00349	.01878	.70541	-.00001	27.502	.00487
SDev	.00367	.00058	.00011	.00203	.00001	.121	.00002
%RSD	.46456	16.684	.55678	.28729	73.592	.43879	.37280
#1	.78682	.00390	.01871	.70398	-.00001	27.416	.00488
#2	.79201	.00308	.01886	.70684	-.00000	27.587	.00486
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.01599	.26478	2.1759	3.2865	2.4143	.07392
SDev	.00028	.00025	.00110	.0061	.0181	.0088	.00019
%RSD	24.778	1.5563	.41564	.27942	.55147	.36477	.25559
#1	.00093	.01582	.26401	2.1716	3.2994	2.4080	.07379
#2	.00132	.01617	.26556	2.1802	3.2737	2.4205	.07406
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	10.360	.01111	.27264	.28481	.28076	.00104
SDev	.00108	.033	.00044	.00247	.00068	.00036	.00377
%RSD	467.25	.31912	3.9796	.90436	.24007	.13002	361.51
#1	.00099	10.337	.01079	.27439	.28432	.28101	-.00162
#2	-.00053	10.384	.01142	.27090	.28529	.28050	.00370
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	.00380	-.00034	.02277	-.00659	.00166	1.0114
SDev	.00016	.00109	.00510	.00010	.00581	.00034	.0029
%RSD	15.324	28.740	1502.9	.43367	88.154	20.668	.28349
#1	.00094	.00303	-.00395	.02284	-.00248	.00142	1.0093
#2	.00117	.00458	.00327	.02270	L-.01070	.00190	1.0134
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04790	.13995
SDev	.00116	.00004
%RSD	2.4217	.02794
#1	.04872	.13992
#2	.04708	.13997
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3696	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1377304	--	--	--	--	--	--
#1	3700	--	--	--	--	--	--
#2	3693	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856519 Operator: AH
Run Time: 10/02/08 21:38:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	102.35	.06895	.23041	.53318	.01038	H663.91	.01021
SDev	.13	.00225	.00096	.00113	.00000	.34	.00006
%RSD	.13017	3.2556	.41774	.21157	.01357	.05126	.63174
#1	102.25	.06736	.23109	.53239	.01038	H663.67	.01017
#2	102.44	.07053	.22973	.53398	.01038	H664.15	.01026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08307	.27133	.35173	208.53	16.410	74.339	7.9973
SDev	.00050	.00048	.00013	.32	.054	.146	.0118
%RSD	.59752	.17792	.03585	.15563	.32735	.19644	.14711
#1	.08342	.27167	.35164	208.75	16.448	74.442	8.0056
#2	.08272	.27098	.35182	208.30	16.372	74.236	7.9890
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02174	2.6329	.29646	.67018	.69369	.68586	.00038
SDev	.00102	.0221	.00100	.00504	.00030	.00148	.00331
%RSD	4.6783	.84034	.33776	.75146	.04294	.21555	859.27
#1	.02246	2.6486	.29575	.67374	.69348	.68691	-.00195
#2	.02102	2.6173	.29717	.66662	.69390	.68481	.00272
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00172	.00845	-.00365	1.3480	L-.02676	.18260	1.6510
SDev	.00269	.00228	.00382	.0048	.00247	.00048	.0028
%RSD	156.24	26.985	104.73	.35631	9.2374	.26513	.16960
#1	.00363	.00684	-.00635	1.3514	L-.02850	.18294	1.6530
#2	-.00018	.01006	-.00095	1.3446	L-.02501	.18226	1.6490
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.04210	.00130
SDev	.00142	.00016
%RSD	3.3769	12.171
#1	.04109	.00118
#2	.04310	.00141
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4062	--	--	--	--	--	--
SDev	10.65977	--	--	--	--	--	--
%RSD	.2624049	--	--	--	--	--	--
#1	4055	--	--	--	--	--	--
#2	4070	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856520 Operator: AH
Run Time: 10/02/08 21:43:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.811	.05973	.08772	.72828	.00717	282.92	.00509
SDev	.120	.00021	.00096	.00027	.00002	.70	.00001
%RSD	.17256	.35104	1.0961	.03725	.30628	.24766	.09885
#1	69.726	.05988	.08704	.72848	.00715	282.43	.00510
#2	69.896	.05958	.08840	.72809	.00718	283.42	.00509
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10196	.65648	.44971	H843.87	8.8379	47.565	9.0757
SDev	.00004	.00073	.00102	1.39	.0091	.096	.0119
%RSD	.03752	.11198	.22642	.16427	.10254	.20081	.13133
#1	.10193	.65596	.44899	H842.89	8.8443	47.498	9.0673
#2	.10198	.65700	.45043	H844.85	8.8315	47.633	9.0842
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08535	1.4595	.32879	1.1096	1.1403	1.1301	-.00849
SDev	.00020	.1251	.00034	.0020	.0056	.0031	.00116
%RSD	.23729	8.5741	.10252	.18081	.49379	.27321	13.725
#1	.08521	1.5480	.32855	1.1110	1.1363	1.1279	-.00766
#2	.08550	1.3710	.32903	1.1082	1.1443	1.1323	-.00931
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00363	.01570	-.02058	.40521	L-.10611	.10738	2.6171
SDev	.00033	.00512	.00081	.00180	.00120	.00031	.0075
%RSD	9.0914	32.603	3.9438	.44338	1.1336	.28751	.28686
#1	.00386	.01932	-.02115	.40648	L-.10696	.10716	2.6118
#2	.00339	.01208	-.02000	.40394	L-.10526	.10760	2.6224
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.06463	.00121
SDev	.00084	.00048
%RSD	1.2935	39.555
#1	.06404	.00155
#2	.06522	.00087
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3928	--	--	--	--	--	--
SDev	.2651650	--	--	--	--	--	--
%RSD	.0067514	--	--	--	--	--	--
#1	3928	--	--	--	--	--	--
#2	3927	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856567/PB Operator: AH
Run Time: 10/02/08 21:49:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02945	-.00246	.00264	-.00000	-.00011	.06580	.00002
SDev	.00419	.00014	.00017	.00006	.00000	.02276	.00002
%RSD	14.210	5.5574	6.3059	1554.7	4.5116	34.590	75.866
#1	.02649	-.00236	.00276	-.00005	-.00011	.04971	.00001
#2	.03241	-.00256	.00253	.00004	-.00011	.08190	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	-.00032	-.00087	H.05264	-.00657	.00232	.00064
SDev	.00000	.00028	.00031	.03580	.02104	.00331	.00046
%RSD	.88919	87.407	35.271	68.002	320.33	142.71	72.584
#1	.00007	-.00052	-.00108	.02733	.00831	-.00002	.00031
#2	.00006	-.00012	-.00065	H.07795	-.02144	.00466	.00097
Errors	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	-.11874	.00002	-.00324	-.00009	-.00114	.00016
SDev	.00093	.04282	.00040	.00094	.00062	.00010	.00099
%RSD	274.54	36.063	1987.3	28.919	698.65	8.9047	602.24
#1	.00100	-.14902	-.00026	-.00258	-.00053	-.00121	-.00054
#2	-.00032	-.08846	.00030	-.00391	.00035	-.00107	.00086
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00339	.00096	-.00023	.00012	.00124	-.00005	.00105
SDev	.00118	.00419	.00358	.00002	.00744	.00020	.00010
%RSD	34.805	436.78	1536.2	16.195	601.68	374.70	9.5924
#1	-.00256	.00392	-.00276	.00014	.00650	-.00019	.00112
#2	-.00423	-.00200	.00230	.00011	-.00403	.00009	.00098
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00139	-.00036
SDev	.00190	.00056
%RSD	136.65	156.97
#1	-.00005	-.00075
#2	-.00273	.00004
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3819	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.0819279	--	--	--	--	--	--
#1	3821	--	--	--	--	--	--
#2	3817	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856566/FB Operator: AH
Run Time: 10/02/08 21:54:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.395	.20847	.20725	.21376	.20557	10.470	.20634
SDev	.020	.00324	.00150	.00059	.00040	.008	.00003
%RSD	.19299	1.5543	.72280	.27462	.19463	.07679	.01670
#1	10.410	.20618	.20831	.21418	.20586	10.476	.20632
#2	10.381	.21076	.20619	.21335	.20529	10.464	.20637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20586	.20550	.20471	10.271	10.459	10.458	.20491
SDev	.00060	.00015	.00034	.017	.022	.012	.00009
%RSD	.29390	.07501	.16490	.16730	.21128	.11231	.04343
#1	.20629	.20561	.20447	10.259	10.475	10.466	.20497
#2	.20543	.20540	.20495	10.283	10.444	10.449	.20485
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20498	10.790	.20588	.20009	.21019	.20683	.21001
SDev	.00077	.069	.00030	.00254	.00308	.00121	.00337
%RSD	.37352	.63769	.14662	1.2714	1.4672	.58496	1.6068
#1	.20552	10.741	.20609	.20189	.20801	.20597	.20762
#2	.20444	10.839	.20567	.19830	.21237	.20768	.21239
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21142	.20991	.21006	.20832	L.12875	.20675	.20468
SDev	.00188	.00139	.00436	.00023	.01324	.00000	.00081
%RSD	.88784	.66401	2.0779	.10983	10.283	.00217	.39427
#1	.21009	.20893	.20697	.20849	L.11939	.20676	.20525
#2	.21274	.21090	.21315	.20816	L.13812	.20675	.20411
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.21189	.05232
SDev	.00081	.00016
%RSD	.37987	.30888
#1	.21246	.05221
#2	.21132	.05243
Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3819	--	--	--	--	--	--
SDev	20.73587	--	--	--	--	--	--
%RSD	.5429074	--	--	--	--	--	--
#1	3805	--	--	--	--	--	--
#2	3834	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856547 Operator: AH
Run Time: 10/02/08 22:00:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21805	-.00157	.07234	.03186	-.00010	37.326	-.00003
SDev	.00018	.00080	.00139	.00017	.00002	.051	.00000
%RSD	.08339	51.331	1.9157	.54015	22.212	.13609	.66919
#1	.21792	-.00100	.07136	.03198	-.00008	37.362	-.00003
#2	.21818	-.00214	.07332	.03174	-.00011	37.290	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	.00671	.00132	.16007	2.1972	.41956	.00324
SDev	.00054	.00036	.00006	.00635	.0111	.00237	.00003
%RSD	104.15	5.3374	4.7276	3.9683	.50706	.56599	.90945
#1	.00090	.00696	.00136	.15558	2.2050	.42124	.00321
#2	.00014	.00645	.00127	.16456	2.1893	.41788	.00326
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00387	17.899	.00249	-.00031	.00038	.00015	.00376
SDev	.00131	.038	.00054	.00208	.00199	.00064	.00157
%RSD	33.724	.21482	21.613	666.17	525.13	426.77	41.644
#1	.00480	17.927	.00211	.00116	-.00103	-.00030	.00265
#2	.00295	17.872	.00287	-.00179	.00179	.00060	.00487
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00806	.00161	.00642	.01110	.01801	.00424
SDev	.00041	.00351	.00059	.00039	.00948	.00020	.00012
%RSD	192.79	43.533	36.914	6.0644	85.395	1.1375	2.8074
#1	.00008	.00558	.00119	.00669	.01779	.01815	.00433
#2	-.00051	.01055	.00203	.00614	.00440	.01786	.00416
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00278	-.00006
SDev	.00313	.00131
%RSD	112.65	2324.6
#1	-.00056	.00087
#2	-.00499	-.00098
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3799	--	--	--	--	--	--
SDev	14.63707	--	--	--	--	--	--
%RSD	.3853205	--	--	--	--	--	--
#1	3788	--	--	--	--	--	--
#2	3809	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856548 Operator: AH
Run Time: 10/02/08 22:05:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05643	-.00200	.24139	.05580	-.00006	33.318	-.00008
SDev	.00482	.00153	.00029	.00019	.00000	.048	.00007
%RSD	8.5392	76.428	.12128	.34379	.25669	.14536	87.075
#1	.05984	-.00308	.24118	.05566	-.00006	33.352	-.00003
#2	.05302	-.00092	.24159	.05593	-.00006	33.284	-.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00704	.00070	-.00021	8.2467	1.3531	8.8251	3.9079
SDev	.00003	.00009	.00004	.0236	.0172	.0039	.0040
%RSD	.42652	13.090	19.432	.28574	1.2733	.04394	.10353
#1	.00702	.00076	-.00018	8.2634	1.3653	8.8279	3.9107
#2	.00706	.00063	-.00023	8.2300	1.3410	8.8224	3.9050
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	20.904	.00326	-.00211	-.00166	-.00181	-.00137
SDev	.00057	.083	.00028	.00445	.00001	.00147	.00029
%RSD	182.64	.39740	8.5602	211.07	.80337	81.360	20.882
#1	-.00009	20.845	.00345	-.00525	-.00165	-.00285	-.00157
#2	.00071	20.962	.00306	.00104	-.00167	-.00077	-.00117
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00220	.00292	-.00352	.00043	.00635	-.00013	.01153
SDev	.00230	.00614	.00350	.00021	.00178	.00013	.00000
%RSD	104.64	210.48	99.503	48.023	27.975	103.21	.00383
#1	-.00383	.00725	-.00599	.00028	.00510	-.00003	.01153
#2	-.00057	-.00142	-.00104	.00058	.00761	-.00022	.01153
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00134	-.00011
SDev	.00119	.00024
%RSD	89.074	210.62
#1	-.00218	-.00029
#2	-.00049	.00006
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3807	--	--	--	--	--	--
SDev	.1589955	--	--	--	--	--	--
%RSD	.0041763	--	--	--	--	--	--
#1	3807	--	--	--	--	--	--
#2	3807	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856549 Operator: AH
Run Time: 10/02/08 22:10:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02541	-.00455	.00973	.04824	-.00006	86.902	-.00006
SDev	.00283	.00008	.00020	.00013	.00002	.337	.00024
%RSD	11.156	1.6616	2.0802	.27077	40.353	.38774	402.50
#1	.02742	-.00450	.00987	.04834	-.00004	87.141	.00011
#2	.02341	-.00460	.00959	.04815	-.00008	86.664	-.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00097	.00169	.00043	.00009	.55745	47.138	.00116
SDev	.00088	.00052	.00001	.01616	.03259	.043	.00012
%RSD	90.777	30.782	2.4331	18511.	5.8463	.09154	10.503
#1	.00160	.00205	.00044	.01151	.58049	47.169	.00125
#2	.00035	.00132	.00042	-.01134	.53440	47.108	.00108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	14.358	.00160	-.00353	-.00138	-.00210	-.00135
SDev	.00170	.134	.00008	.00084	.00176	.00145	.00031
%RSD	314.53	.93479	4.9362	23.661	127.22	69.172	23.089
#1	.00175	14.453	.00166	-.00294	-.00014	-.00107	-.00113
#2	-.00066	14.264	.00154	-.00412	-.00263	-.00312	-.00157
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00393	.00285	-.00344	.00001	.00537	.00100	.00326
SDev	.00146	.00055	.00019	.00034	.00081	.00048	.00033
%RSD	37.247	19.183	5.6155	3344.4	15.148	48.036	10.181
#1	-.00289	.00323	-.00331	.00025	.00595	.00134	.00350
#2	-.00496	.00246	-.00358	-.00023	.00480	.00066	.00303
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00039	-.00027
SDev	.00246	.00046
%RSD	637.78	172.67
#1	.00135	.00006
#2	-.00212	-.00060
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3763	--	--	--	--	--	--
SDev	24.71335	--	--	--	--	--	--
%RSD	.6567371	--	--	--	--	--	--
#1	3746	--	--	--	--	--	--
#2	3781	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 10:23:12 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/02/08 22:17:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.738	.48241	.48512	.50054	.48764	24.693	.48420
SDev	.022	.00235	.00160	.00018	.00052	.031	.00103
%RSD	.08734	.48743	.32945	.03589	.10768	.12412	.21273
#1	24.753	.48075	.48399	.50041	.48801	24.715	.48493
#2	24.722	.48408	.48625	.50067	.48727	24.672	.48347
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48042	.50015	.48565	24.062	24.789	24.809	.48944
SDev	.00040	.00004	.00089	.001	.042	.007	.00013
%RSD	.08380	.00837	.18393	.00330	.17108	.02738	.02603
#1	.48071	.50012	.48629	24.063	24.759	24.814	.48935
#2	.48014	.50018	.48502	24.062	24.819	24.805	.48953
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49014	24.725	.48900	.47914	.49960	.49279	.49638
SDev	.00420	.100	.00042	.00299	.00243	.00261	.00019
%RSD	.85600	.40436	.08648	.62328	.48561	.53019	.03795
#1	.48718	24.796	.48930	.47703	.49789	.49094	.49651
#2	.49311	24.654	.48870	.48125	.50132	.49464	.49625
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51522	.47646	.50635	.51809	Q.36249	.48818	.48360
SDev	.00133	.00258	.00157	.00015	.01900	.00039	.00079
%RSD	.25858	.54192	.31077	.03000	5.2419	.07978	.16312
#1	.51616	.47463	.50746	.51820	Q.34906	.48790	.48415
#2	.51428	.47828	.50524	.51798	Q.37593	.48845	.48304
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.49967	.49514
SDev	.00176	.00047
%RSD	.35228	.09507
#1	.49842	.49480
#2	.50091	.49547
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3776	--	--	--	--	--	--
SDev	3.500144	--	--	--	--	--	--
%RSD	.0927012	--	--	--	--	--	--
#1	3778	--	--	--	--	--	--
#2	3773	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 10:28:38 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/02/08 22:23:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01686	-.00386	-.00045	.00027	.00001	.01272	.00002
SDev	.00021	.00136	.00080	.00010	.00001	.00017	.00001
%RSD	1.2287	35.145	177.88	37.899	102.06	1.3029	60.446
#1	.01701	-.00483	-.00102	.00034	.00000	.01260	.00002
#2	.01672	-.00290	.00012	.00020	.00001	.01284	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00021	-.00044	.00035	.00337	.00640	.00020
SDev	.00045	.00009	.00051	.00650	.00975	.00071	.00001
%RSD	153.95	42.840	115.96	1850.4	289.22	11.040	6.8772
#1	-.00003	-.00027	-.00080	-.00424	.01027	.00590	.00021
#2	.00061	-.00015	-.00008	.00495	-.00352	.00689	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00157	.14530	.00033	-.00037	-.00211	-.00153	.00051
SDev	.00105	.08238	.00020	.00522	.00162	.00066	.00276
%RSD	67.015	56.699	58.919	1404.5	76.467	43.063	536.97
#1	.00231	.20355	.00019	.00332	-.00326	-.00107	.00247
#2	.00082	.08705	.00047	-.00407	-.00097	-.00200	-.00144
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.00339	.00247	.00077	H.02900	.00014	.00041
SDev	.00224	.00553	.00137	.00025	.00640	.00020	.00000
%RSD	1227.9	163.08	55.606	32.320	22.066	142.30	.08752
#1	-.00177	.00052	.00344	.00095	H.03352	-.00000	.00041
#2	.00140	-.00731	.00150	.00060	H.02447	.00028	.00041
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00020	-.00005
SDev	.00016	.00050
%RSD	78.395	1006.3
#1	-.00009	.00030
#2	-.00032	-.00040
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3793	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0349510	--	--	--	--	--	--
#1	3794	--	--	--	--	--	--
#2	3792	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856550 Operator: AH
Run Time: 10/02/08 22:28:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02457	-.00110	.04555	.25752	-.00004	129.99	-.00012
SDev	.00504	.00160	.00156	.00012	.00000	.26	.00013
%RSD	20.507	145.76	3.4236	.04801	7.3870	.20304	105.16
#1	.02813	-.00223	.04665	.25743	-.00004	129.81	-.00003
#2	.02100	.00003	.04445	.25760	-.00003	130.18	-.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00037	-.00056	.17543	1.1944	43.705	.02150
SDev	.00012	.00035	.00013	.00441	.0057	.126	.00000
%RSD	23.599	94.761	22.540	2.5118	.47774	.28777	.01460
#1	.00043	-.00012	-.00047	.17231	1.1985	43.616	.02151
#2	.00060	-.00062	-.00065	.17854	1.1904	43.794	.02150
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00356	6.8784	.00134	-.00102	-.00083	-.00089	.00096
SDev	.00031	.0280	.00054	.00079	.00134	.00115	.00148
%RSD	8.6157	.40652	40.229	77.168	161.86	129.54	154.89
#1	.00334	6.8981	.00173	-.00046	.00012	-.00007	.00201
#2	.00378	6.8586	.00096	-.00158	-.00177	-.00171	-.00009
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00191	.00813	-.00263	-.00005	.01148	.00000	.00525
SDev	.00202	.00248	.00099	.00024	.00038	.00067	.00000
%RSD	105.69	30.484	37.643	488.80	3.3341	23376.	.08179
#1	-.00048	.00988	-.00193	.00012	.01175	.00048	.00525
#2	-.00333	.00638	-.00333	-.00022	.01121	-.00047	.00525
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00130	.00022
SDev	.00237	.00046
%RSD	181.53	210.73
#1	.00037	.00054
#2	-.00298	-.00011
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3754	--	--	--	--	--	--
SDev	3.022985	--	--	--	--	--	--
%RSD	.0805219	--	--	--	--	--	--
#1	3752	--	--	--	--	--	--
#2	3756	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856551 Operator: AH
Run Time: 10/02/08 22:34:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05961	-.00109	.42952	.15709	-.00002	137.11	-.00011
SDev	.00222	.00130	.00036	.00093	.00001	.77	.00003
%RSD	3.7196	119.04	.08412	.59233	43.203	.56506	26.725
#1	.05804	-.00017	.42977	.15775	-.00001	137.66	-.00009
#2	.06117	-.00201	.42926	.15643	-.00002	136.57	-.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	-.00007	.00045	.36946	8.4622	35.598	.89472
SDev	.00043	.00029	.00061	.00384	.0406	.139	.00268
%RSD	33.625	424.11	134.90	1.0401	.47956	.39123	.29956
#1	.00157	-.00028	.00002	.36675	8.4909	35.696	.89661
#2	.00097	.00014	.00088	.37218	8.4335	35.499	.89282
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00985	37.714	.00253	-.00095	-.00074	-.00081	.00274
SDev	.00084	.076	.00001	.00017	.00059	.00034	.00112
%RSD	8.5691	.20234	.37674	18.390	80.021	41.476	40.774
#1	.00925	37.768	.00253	-.00083	-.00116	-.00105	.00353
#2	.01044	37.660	.00252	-.00108	-.00032	-.00057	.00195
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00489	.00533	.00144	.00073	.00469	.00024	.02143
SDev	.00202	.00450	.00058	.00019	.00571	.00007	.00027
%RSD	41.355	84.442	39.978	25.729	121.78	27.512	1.2604
#1	-.00632	.00852	.00103	.00060	.00873	.00019	.02124
#2	-.00346	.00215	.00185	.00086	.00065	.00029	.02162
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00304	-.00029
SDev	.00328	.00005
%RSD	107.76	16.150
#1	-.00072	-.00025
#2	-.00536	-.00032
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3757	--	--	--	--	--	--
SDev	7.000288	--	--	--	--	--	--
%RSD	.1863352	--	--	--	--	--	--
#1	3752	--	--	--	--	--	--
#2	3762	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856552 Operator: AH
Run Time: 10/02/08 22:39:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06261	-.00088	.42966	.16322	-.00003	169.04	-.00000
SDev	.00076	.00221	.00339	.00028	.00001	.42	.00015
%RSD	1.2083	250.72	.78889	.16940	57.931	.25116	3663.8
#1	.06207	.00068	.42727	.16302	-.00004	168.74	.00010
#2	.06314	-.00244	.43206	.16341	-.00001	169.34	-.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00116	-.00023	.00487	.01794	9.0594	46.004	1.0093
SDev	.00015	.00047	.00020	.00004	.0121	.021	.0001
%RSD	13.186	204.03	4.1294	.21428	.13366	.04471	.01397
#1	.00127	.00010	.00501	.01796	9.0508	45.989	1.0094
#2	.00105	-.00056	.00473	.01791	9.0679	46.018	1.0092
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00632	40.004	.00409	.00007	-.00228	-.00150	-.00342
SDev	.00006	.309	.00020	.00153	.00218	.00095	.00191
%RSD	.87939	.77172	4.9012	2277.7	95.501	62.959	55.924
#1	.00636	39.786	.00394	-.00102	-.00074	-.00083	-.00207
#2	.00628	40.222	.00423	.00115	-.00383	-.00217	-.00477
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00121	.00752	-.00889	.00091	.00506	.00067	.01260
SDev	.00142	.00369	.00102	.00020	.00217	.00027	.00002
%RSD	117.47	49.062	11.475	22.010	42.926	40.245	.17488
#1	-.00020	.01013	-.00817	.00105	.00353	.00086	.01261
#2	-.00221	.00491	-.00961	.00077	.00660	.00048	.01258
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00141	.00012
SDev	.00207	.00011
%RSD	146.48	89.456
#1	-.00287	.00004
#2	.00005	.00019
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3750	--	--	--	--	--	--
SDev	6.523129	--	--	--	--	--	--
%RSD	.1739727	--	--	--	--	--	--
#1	3745	--	--	--	--	--	--
#2	3754	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856552/L (1:5) Operator: AH
Run Time: 10/02/08 22:44:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02656	L-.00508	.08322	.03250	-.00007	33.557	.00012
SDev	.00102	.00214	.00013	.00013	.00000	.067	.00003
%RSD	3.8556	42.094	.16010	.39230	4.3188	.19883	22.047
#1	.02584	L-.00659	.08331	.03241	-.00007	33.510	.00010
#2	.02729	-.00357	.08313	.03259	-.00007	33.604	.00014
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	-.00009	.00036	.00213	1.6351	9.1687	.20217
SDev	.00012	.00034	.00069	.00500	.0031	.0158	.00011
%RSD	13.997	396.97	193.98	235.12	.18715	.17276	.05178
#1	.00078	-.00033	-.00013	-.00141	1.6372	9.1799	.20224
#2	.00095	.00016	.00085	.00567	1.6329	9.1575	.20209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00134	8.1121	.00106	-.00246	-.00106	-.00153	-.00139
SDev	.00083	.0365	.00023	.00260	.00341	.00141	.00121
%RSD	62.155	.44945	21.412	105.58	321.04	92.218	86.969
#1	.00193	8.0863	.00090	-.00062	-.00348	-.00253	-.00225
#2	.00075	8.1378	.00122	-.00430	.00135	-.00053	-.00054
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00138	-.00364	-.00027	.00006	.00372	.00009	.00273
SDev	.00143	.00290	.00327	.00010	.00198	.00027	.00021
%RSD	104.32	79.488	1210.4	162.82	53.373	284.39	7.5403
#1	-.00239	-.00160	-.00258	.00014	.00512	-.00009	.00259
#2	-.00036	-.00569	.00204	-.00001	.00231	.00028	.00288
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00415	-.00038
SDev	.00160	.00033
%RSD	38.430	89.132
#1	-.00528	-.00061
#2	-.00302	-.00014
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3788	--	--	--	--	--	--
SDev	.6893255	--	--	--	--	--	--
%RSD	.0181955	--	--	--	--	--	--
#1	3789	--	--	--	--	--	--
#2	3788	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856552/PS Operator: AH
Run Time: 10/02/08 22:50:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.275	.20217	.62201	.36900	.20568	175.19	.20214
SDev	.006	.00157	.00133	.00128	.00019	.07	.00045
%RSD	.05736	.77817	.21365	.34620	.09469	.04246	.22323
#1	10.279	.20328	.62107	.36991	.20582	175.14	.20182
#2	10.271	.20105	.62295	.36810	.20555	175.24	.20246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20216	.20310	.20872	10.200	19.728	55.357	1.1876
SDev	.00060	.00062	.00010	.001	.012	.155	.0006
%RSD	.29705	.30336	.04783	.00987	.06308	.27917	.04908
#1	.20173	.20353	.20865	10.200	19.719	55.248	1.1872
#2	.20258	.20266	.20879	10.199	19.737	55.466	1.1880
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21133	48.988	.20455	.19366	.20328	.20008	.20729
SDev	.00040	.066	.00063	.00101	.00049	.00066	.00400
%RSD	.19133	.13450	.30587	.52121	.23993	.33059	1.9289
#1	.21104	48.941	.20411	.19295	.20294	.19961	.21012
#2	.21161	49.035	.20500	.19437	.20363	.20054	.20446
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21252	.19588	.21299	.20868	.15286	.20795	.21052
SDev	.00629	.00263	.00468	.00012	.00694	.00023	.00093
%RSD	2.9588	1.3447	2.1976	.05772	4.5383	.11190	.44268
#1	.20807	.19775	.21630	.20860	.14795	.20779	.20986
#2	.21697	.19402	.20968	.20877	.15776	.20811	.21118
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.16354	.05229
SDev	.00208	.00022
%RSD	1.2690	.42813
#1	.16207	.05245
#2	.16501	.05213
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3757	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0494110	--	--	--	--	--	--
#1	3755	--	--	--	--	--	--
#2	3758	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856553/MS Operator: AH
Run Time: 10/02/08 22:55:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.332	.20952	.63374	.37848	.20592	181.21	.20197
SDev	.016	.00121	.00109	.00071	.00020	.29	.00051
%RSD	.15041	.57688	.17221	.18864	.09556	.15862	.25161
#1	10.343	.21038	.63451	.37899	.20606	181.41	.20233
#2	10.321	.20867	.63297	.37798	.20578	181.01	.20161
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20364	.20445	.21146	10.231	20.058	56.906	1.2229
SDev	.00064	.00040	.00132	.004	.003	.026	.0001
%RSD	.31333	.19414	.62618	.03571	.01409	.04655	.00797
#1	.20409	.20473	.21240	10.233	20.056	56.925	1.2230
#2	.20319	.20417	.21052	10.228	20.060	56.887	1.2228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21113	50.406	.20490	.19816	.20645	.20369	.20494
SDev	.00134	.067	.00085	.00465	.00012	.00163	.00249
%RSD	.63590	.13246	.41613	2.3451	.05792	.79884	1.2163
#1	.21018	50.453	.20550	.19487	.20637	.20254	.20670
#2	.21208	50.358	.20429	.20144	.20654	.20484	.20318
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21816	.19453	.21015	.20886	.16756	.20757	.20897
SDev	.00033	.00619	.00683	.00013	.00968	.00060	.00030
%RSD	.15058	3.1822	3.2520	.05991	5.7749	.29116	.14455
#1	.21839	.19015	.21498	.20877	.16071	.20800	.20918
#2	.21793	.19890	.20532	.20895	.17440	.20714	.20876
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20883	.05290
SDev	.00229	.00021
%RSD	1.0961	.40143
#1	.20721	.05275
#2	.21045	.05305
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3746	--	--	--	--	--	--
SDev	7.265453	--	--	--	--	--	--
%RSD	.1939374	--	--	--	--	--	--
#1	3741	--	--	--	--	--	--
#2	3751	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856554/SD Operator: AH
Run Time: 10/02/08 23:01:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.365	.20836	.63379	.37883	.20556	181.40	.20138
SDev	.074	.00424	.00011	.00260	.00108	1.01	.00043
%RSD	.71197	2.0329	.01683	.68523	.52575	.55408	.21470
#1	10.418	.21135	.63372	.38067	.20632	182.11	.20169
#2	10.313	.20536	.63387	.37700	.20479	180.69	.20108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20289	.20336	.21071	10.217	20.091	56.884	1.2209
SDev	.00113	.00097	.00199	.031	.019	.120	.0020
%RSD	.55669	.47767	.94238	.29867	.09661	.21022	.16094
#1	.20369	.20404	.21212	10.239	20.105	56.969	1.2223
#2	.20210	.20267	.20931	10.196	20.077	56.800	1.2195
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21032	50.414	.20461	.19552	.20372	.20099	.20305
SDev	.00006	.309	.00154	.00105	.00082	.00089	.00189
%RSD	.03033	.61351	.75257	.53791	.40098	.44534	.93024
#1	.21037	50.633	.20570	.19478	.20315	.20036	.20439
#2	.21028	50.195	.20352	.19627	.20430	.20163	.20172
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21211	.19708	.20604	.20842	.17466	.20668	.20883
SDev	.00575	.00088	.00327	.00121	.00261	.00036	.00084
%RSD	2.7092	.44685	1.5888	.58007	1.4953	.17405	.40282
#1	.21618	.19646	.20836	.20927	.17281	.20694	.20942
#2	.20805	.19770	.20373	.20756	.17651	.20643	.20823
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.20913	.05288
SDev	.00226	.00064
%RSD	1.0810	1.2066
#1	.21073	.05333
#2	.20753	.05243
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3758	--	--	--	--	--	--
SDev	11.40210	--	--	--	--	--	--
%RSD	.3034036	--	--	--	--	--	--
#1	3750	--	--	--	--	--	--
#2	3766	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD856555 Operator: AH
Run Time: 10/02/08 23:06:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02201	-.00205	.02882	.17960	-.00007	97.624	-.00014
SDev	.00211	.00019	.00042	.00063	.00000	.055	.00013
%RSD	9.5909	9.1859	1.4397	.34875	2.2324	.05670	89.407
#1	.02052	-.00192	.02853	.18005	-.00007	97.663	-.00023
#2	.02351	-.00218	.02912	.17916	-.00007	97.585	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	-.00076	.03265	-.01344	1.5028	30.208	.00093
SDev	.00003	.00005	.00036	.00002	.0087	.019	.00003
%RSD	9.1019	6.6668	1.1174	.17179	.57786	.06334	2.7168
#1	-.00028	-.00080	.03239	-.01345	1.4966	30.194	.00092
#2	-.00032	-.00073	.03290	-.01342	1.5089	30.221	.00095
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00262	6.5675	.00066	.00139	-.00187	-.00079	.00169
SDev	.00087	.0307	.00018	.00171	.00060	.00017	.00288
%RSD	33.134	.46747	27.082	123.30	32.171	21.470	170.07
#1	.00201	6.5458	.00053	.00260	-.00230	-.00067	-.00034
#2	.00324	6.5892	.00079	.00018	-.00145	-.00091	.00373
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00188	.00821	-.00156	.00037	.01711	-.00080	.07419
SDev	.00034	.00070	.00467	.00005	.00248	.00020	.00000
%RSD	18.139	8.4842	298.82	13.094	14.494	24.780	.00253
#1	-.00164	.00870	-.00487	.00033	.01887	-.00066	.07419
#2	-.00212	.00772	.00174	.00040	.01536	-.00094	.07419
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00082	-.00051
SDev	.00466	.00031
%RSD	569.73	61.440
#1	-.00411	-.00029
#2	.00248	-.00073
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3789	--	--	--	--	--	--
SDev	10.55360	--	--	--	--	--	--
%RSD	.2785024	--	--	--	--	--	--
#1	3782	--	--	--	--	--	--
#2	3797	--	--	--	--	--	--

Analysis Report 10/02/08 11:17:21 PM page 1

Method: TRACE2 Sample Name: AD856556 Operator: AH
Run Time: 10/02/08 23:12:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04153	-.00337	.43737	.05337	-.00002	130.02	-.00000
SDev	.00254	.00094	.00299	.00007	.00001	.13	.00018
%RSD	6.1202	28.014	.68486	.12595	22.043	.09962	7091.6
#1	.03973	-.00271	.43525	.05342	-.00002	130.12	-.00013
#2	.04332	-.00404	.43948	.05332	-.00003	129.93	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00065	.00001	.00331	-.00994	6.9520	41.518	.00092
SDev	.00030	.00043	.00036	.00302	.0272	.018	.00006
%RSD	47.155	7469.0	10.922	30.427	.39080	.04455	6.0826
#1	.00043	-.00030	.00306	-.01207	6.9712	41.531	.00088
#2	.00086	.00031	.00357	-.00780	6.9328	41.505	.00096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00480	28.091	.00124	-.00308	-.00070	-.00149	-.00347
SDev	.00000	.078	.00052	.00248	.00146	.00015	.00476
%RSD	.09117	.27861	41.999	80.303	208.75	10.084	137.35
#1	.00480	28.147	.00087	-.00133	-.00173	-.00160	-.00683
#2	.00480	28.036	.00161	-.00483	.00033	-.00139	-.00010
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00135	-.00433	-.00304	-.00020	.01165	-.00014	.01621
SDev	.00267	.00413	.00508	.00008	.00456	.00047	.00022
%RSD	198.60	95.415	167.23	43.204	39.111	341.87	1.3656
#1	.00054	-.00725	-.00663	-.00014	.01487	-.00047	.01636
#2	-.00324	-.00141	.00055	-.00025	.00843	.00019	.01605
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00202	-.00060
SDev	.00061	.00007
%RSD	30.177	11.700
#1	-.00159	-.00065
#2	-.00245	-.00055
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3763	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0873806	--	--	--	--	--	--
#1	3761	--	--	--	--	--	--
#2	3765	--	--	--	--	--	--

Analysis Report 10/02/08 11:22:47 PM page 1

Method: TRACE2 Sample Name: AD856557 Operator: AH
Run Time: 10/02/08 23:17:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05151	.06148	.53487	.05119	-.00002	162.05	-.00018
SDev	.00554	.00320	.00173	.00001	.00002	.37	.00000
%RSD	10.759	5.2124	.32373	.01207	92.036	.22765	1.7711
#1	.04759	.05922	.53610	.05118	-.00003	162.31	-.00018
#2	.05543	.06375	.53365	.05119	-.00001	161.79	-.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	600.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00046	.00009	2.2782	8.3624	40.147	.22383
SDev	.00036	.00005	.00072	.0090	.0056	.061	.00007
%RSD	70.744	11.047	769.67	.39613	.06735	.15201	.03248
#1	.00026	-.00049	-.00041	2.2846	8.3664	40.104	.22389
#2	.00077	-.00042	.00060	2.2719	8.3584	40.190	.22378
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	15.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00811	41.149	.00063	-.00367	.00019	-.00110	.00097
SDev	.00071	.336	.00065	.00019	.00092	.00055	.00689
%RSD	8.6948	.81675	103.64	5.2167	494.58	50.124	712.91
#1	.00761	40.911	.00017	-.00353	-.00046	-.00149	.00584
#2	.00861	41.387	.00109	-.00380	.00084	-.00071	-.00390
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00054	.00618	-.00164	.00098	.00717	-.00045	.00443
SDev	.00349	.01072	.00497	.00037	.00285	.00007	.00031
%RSD	646.17	173.52	303.54	38.085	39.807	14.911	6.9795
#1	-.00301	.01375	.00188	.00071	.00515	-.00050	.00421
#2	.00193	-.00140	-.00516	.00124	.00918	-.00041	.00465
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	-.00098	-.00045
SDev	.00050	.00030
%RSD	50.611	67.028
#1	-.00063	-.00067
#2	-.00134	-.00024
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3760	--	--	--	--	--	--
SDev	.7424967	--	--	--	--	--	--
%RSD	.0197446	--	--	--	--	--	--
#1	3760	--	--	--	--	--	--
#2	3761	--	--	--	--	--	--

Analysis Report QC Standard 10/02/08 11:29:41 PM page 1

Method: TRACE2 Sample Name: CCV Operator: AH
Run Time: 10/02/08 23:24:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.717	.47720	.48689	.49916	.48873	24.696	.48522
SDev	.042	.00141	.00009	.00142	.00049	.020	.00062
%RSD	.16910	.29468	.01821	.28476	.09953	.08163	.12694
#1	24.747	.47621	.48683	.50016	.48907	24.710	.48478
#2	24.688	.47820	.48696	.49815	.48839	24.681	.48565
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48088	.50210	.48478	24.202	24.806	24.827	.49116
SDev	.00041	.00049	.00134	.034	.021	.014	.00067
%RSD	.08543	.09842	.27599	.13876	.08461	.05443	.13660
#1	.48117	.50175	.48572	24.178	24.791	24.818	.49069
#2	.48059	.50245	.48383	24.226	24.821	24.837	.49164
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49082	24.659	.48987	.48164	.49862	.49296	.49649
SDev	.00157	.073	.00092	.00029	.00126	.00074	.01077
%RSD	.32008	.29507	.18841	.06014	.25201	.15045	2.1695
#1	.48971	24.711	.49052	.48185	.49773	.49244	.48887
#2	.49193	24.608	.48922	.48144	.49951	.49349	.50411
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51500	.48674	.50137	.51654	Q.40892	.48658	.48577
SDev	.00180	.01372	.00930	.00086	.02352	.00063	.00038
%RSD	.34933	2.8194	1.8541	.16717	5.7525	.12974	.07793
#1	.51627	.47704	.49480	.51715	Q.39229	.48614	.48604
#2	.51372	.49644	.50795	.51593	Q.42556	.48703	.48550
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.50675	.49621
SDev	.00241	.00015
%RSD	.47541	.03052
#1	.50505	.49610
#2	.50845	.49631
Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3764	--	--	--	--	--	--
SDev	10.12927	--	--	--	--	--	--
%RSD	.2691154	--	--	--	--	--	--
#1	3757	--	--	--	--	--	--
#2	3771	--	--	--	--	--	--

Analysis Report Blank Sample 10/02/08 11:35:07 PM page 1

Method: TRACE2 Sample Name: CCB Operator: AH
Run Time: 10/02/08 23:29:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01441	L-.00551	-.00024	.00020	.00005	.01535	.00008
SDev	.00047	.00216	.00060	.00015	.00000	.00063	.00008
%RSD	3.2885	39.292	244.77	73.832	7.2879	4.1141	105.48
#1	.01474	-.00398	-.00067	.00010	.00006	.01580	.00013
#2	.01407	L-.00704	.00018	.00030	.00005	.01490	.00002
Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00042	-.00010	.00005	.00862	.01215	.00992	.00020
SDev	.00034	.00006	.00029	.00505	.03432	.00134	.00006
%RSD	80.111	60.426	598.27	58.638	282.53	13.467	29.024
#1	.00065	-.00006	.00025	.01219	.03642	.01086	.00024
#2	.00018	-.00014	-.00016	.00505	-.01212	.00897	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	.23873	.00031	-.00106	-.00127	-.00120	.00089
SDev	.00020	.11483	.00009	.00046	.00067	.00030	.00555
%RSD	9.8176	48.100	27.331	43.045	53.131	24.742	625.67
#1	.00218	.15753	.00025	-.00139	-.00079	-.00099	-.00304
#2	.00190	.31993	.00037	-.00074	-.00175	-.00141	.00481
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00252	.00432	-.00083	.00051	H.02831	.00015	.00078
SDev	.00299	.00686	.00490	.00022	.00389	.00007	.00010
%RSD	118.54	158.78	591.66	42.299	13.746	46.282	13.255
#1	.00464	-.00053	-.00429	.00036	H.03106	.00019	.00071
#2	.00041	.00917	.00264	.00066	H.02556	.00010	.00085
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC High	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280

Units	ppm	ppm
Avge	.00021	-.00001
SDev	.00122	.00019
%RSD	584.89	2648.9
#1	.00107	-.00014
#2	-.00066	.00012
Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3757	--	--	--	--	--	--
SDev	1.856155	--	--	--	--	--	--
%RSD	.0494090	--	--	--	--	--	--
#1	3755	--	--	--	--	--	--
#2	3758	--	--	--	--	--	--

METALS DIGESTION LOG
A8B22896 - 09/25/2008 MC/SW SOL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/25/08	10:15	DAN	A08-B622	A8B62201	A	FS	AD854715	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B622	A8B62202	A	FS	AD854716	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B622	A8B62203	A	FS	AD854717	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B628	A8B62801	A	FS	AD854718	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B628	A8B62802	A	FS	AD854719	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B653	A8B65301	A	FS	AD854720	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B653	A8B65302	A	FS	AD854721	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B653	A8B65302MS	A	MS	AD854722	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B653	A8B65302SD	A	SD	AD854723	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B653	A8B65303	A	FS	AD854724	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65901	A	FS	AD854725	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65902	A	FS	AD854726	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65903	A	FS	AD854727	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65904	A	FS	AD854728	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65905	A	FS	AD854729	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65906	A	FS	AD854730	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65907	A	FS	AD854731	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B659	A8B65908	A	FB	AD854732	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B660	A8B66001	A	FS	AD854733	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B684	A8B68401	A	FS	AD854734	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN	A08-B684	A8B68402	A	FS	AD854735	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN		A8B2289601	A	LFB	AD854736	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN		A8B2289602	A	MBLK	AD854737	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN		A8B2289603	A	LFB	AD854755	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	10:15	DAN		A8B2289604	A	MBLK	AD854756	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: Samples for job B653 were filtered in the lab and second set of batch QC is associated with these samples.

3704/3787

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B22896 - 09/25/2008 MC/SW SOL 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0507 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0509 (MDL3) .25 ml PER 50ML FIN VOL
CONC. NITRIC ACID = 8-MDL-4
CONC. HCl ACID = 7-MDL-18
HOT BLOCK TEMPERATURE = 121/C
SAMPLE TEMPERATURE = 98
BATCH ENDED = 09/25/2008
DIGESTIVE CUP LOT = A805LS309

3705/3787

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B22979 - 09/26/2008 SW/MC Total Water 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/26/08	08:00	DAN	A08-B709	A8B68106	A	FS	AD855127	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B709	A8B68107	A	FS	AD855128	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B701	A8B70101	A	FS	AD855122	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B701	A8B70102	A	FS	AD855123	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B701	A8B70103	A	FS	AD855124	A	TM	50.00	50.00	COLORLES	COLORLES	CLOUDY	CLEAR	NONE
09/26/08	08:00	DAN	A08-B701	A8B70104	A	FS	AD855125	A	TM	50.00	50.00	YELLOW	COLORLES	CLOUDY	CLEAR	NONE
09/26/08	08:00	DAN	A08-B701	A8B70105	A	FS	AD855126	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72501	A	FS	AD855129	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72502	A	FS	AD855130	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72503	A	FS	AD855131	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72503MS	A	MS	AD855132	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72503SD	A	SD	AD855133	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72504	A	FS	AD855134	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72505	A	FS	AD855135	A	TM	50.00	50.00	COLORLES	COLORLES	CLOUDY	CLEAR	NONE
09/26/08	08:00	DAN	A08-B725	A8B72506	A	FS	AD855136	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B727	A8B72701	A	FS	AD855137	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B727	A8B72702	A	FS	AD855138	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B729	A8B72908	A	FS	AD855139	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B735	A8B73501	A	FS	AD855140	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN		A8B2297901	A	LFB	AD855141	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN		A8B2297902	A	MBLK	AD855142	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0507 (MDL3) .25 ml PER 50ML FIN VOL

3706/3787

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B22979 - 09/26/2008 SW/MC Total Water 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			4 - Sn	MSL0509		(MDL3) .25 ml PER 50ML FIN VOL								

CONC. NITRIC ACID = 8-MDL-4
CONC. HCl ACID = 7-MDL-18
HOT BLOCK TEMPERATURE = 121/C
SAMPLE TEMPERATURE = 99
BATCH ENDED = 09/26/2008
DIGESTIVE CUP LOT = A805LS309

3707/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B22975 - 09/26/2008 SW8463 Soluble Water 23005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before	Color After	Clarity Before	Clarity After	Textur
09/26/08	08:00	DAN	A08-B625	A8B62501	A	FS	AD855002	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B625	A8B62502	A	FS	AD855003	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B625	A8B62503	A	FS	AD855004	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B711	A8B68202	A	FS	AD855014	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B711	A8B68203	A	FB	AD855015	A	SM	50.00	50.00	YELLOW	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70601	A	FS	AD855005	A	SM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70601MS	A	MS	AD855006	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70601SD	A	SD	AD855007	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70602	A	FS	AD855008	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70603	A	FS	AD855009	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70604	A	FS	AD855010	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70605	A	FS	AD855011	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70606	A	FS	AD855012	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B706	A8B70607	A	FS	AD855013	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B723	A8B72305	A	FS	AD855016	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B723	A8B72309	A	FS	AD855017	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B727	A8B72701	A	FS	AD855018	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN	A08-B727	A8B72702	A	FS	AD855019	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN		A8B2297501	A	LFB	AD855020	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN		A8B2297502	A	MBLK	AD855021	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN		A8B2297503	A	LFB	AD855022	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/26/08	08:00	DAN		A8B2297504	A	MBLK	AD855023	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: Jobs A08-B711 spls 02 and 03, and job A08-B727 spls 01 and 02
associated with LFB A8B2297503 and MBLK A8B2297504

EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:

3708/3787

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B22975 - 09/26/2008 SW8463 Soluble Water 23005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL
2 - W2 07-MDL-06 (MDL3) .25 ml PER 50ML FIN VOL
3 - Ag MSL0507 (MDL3) .25 ml PER 50ML FIN VOL
4 - Sn MSL0509 (MDL3) .25 ml PER 50ML FIN VOL
CONC. NITRIC ACID = 8-MDL-4
CONC. HCl ACID = 7-MDL-18
HOT BLOCK TEMPERATURE = 121/C
SAMPLE TEMPERATURE = 99
BATCH ENDED = 09/26/2008
DIGESTIVE CUP LOT = A805LS309

3709/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B23175 - 09/30/2008 SW8463 Soluble Water 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
)9/30/08	09:15	DAN	A08-B794	A8B79402	A	FS	AD855765	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B794	A8B79403	A	FS	AD855766	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B794	A8B79404	A	FS	AD855767	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B794	A8B79405	A	FS	AD855768	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B794	A8B79406	A	FS	AD855769	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B794	A8B79407	A	FS	AD855770	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B794	A8B79408	A	FS	AD855771	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B801	A8B80101	A	FS	AD855772	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B801	A8B80102	A	FS	AD855773	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88501	A	FS	AD855774	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88501MS	A	MS	AD855775	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88501SD	A	SD	AD855776	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88502	A	FS	AD855777	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88503	A	FS	AD855778	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88504	A	FS	AD855779	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88505	A	FS	AD855780	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN	A08-B885	A8B88506	A	FS	AD855781	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN		A8B2317501	A	LFB	AD855782	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN		A8B2317502	A	MBLK	AD855783	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN		A8B2317503	A	LFB	AD855947	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
)9/30/08	09:15	DAN		A8B2317504	A	MBLK	AD855948	A	SM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: Job A08-B794 associated LFB A8B2317503 and MBLK A8B2317504

EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING
A- 1 - W1 07-MDL-05 (MDL3) .25 ml PER 50ML FIN VOL

3710/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

: Redigestion

METALS DIGESTION LOG
A8B23175 - 09/30/2008 SW8463 Soluble Water 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			2 - W2	07-MDL-06	(MDL3)	.25 ml PER 50ML FIN VOL								
			3 - Ag	MSL0507	(MDL3)	.25 ml PER 50ML FIN VOL								
			4 - Sn	MSL0509	(MDL3)	.25 ml PER 50ML FIN VOL								

CONC. NITRIC ACID = 8-MDL-5
CONC. HCl ACID = 7-MDL-18
HOT BLOCK TEMPERATURE = 121/B
SAMPLE TEMPERATURE = 98
BATCH ENDED = 09/30/2008
DIGESTIVE CUP LOT = A805LS309

3711/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B22901 - 09/25/2008 SW8463 TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
09/25/08	08:30	DAN	A08-B636	A8B63601	A	FS	AD854781	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B636	A8B63602	A	FS	AD854782	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B636	A8B63603	A	FS	AD854783	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B636	A8B63604	A	FS	AD854784	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B636	A8B63605	A	FS	AD854785	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B636	A8B63606	A	FS	AD854786	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B636	A8B63607	A	FS	AD854787	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B653	A8B65301	A	FS	AD854788	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B653	A8B65302	A	FS	AD854789	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B653	A8B65302MS	A	MS	AD854790	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B653	A8B65302SD	A	SD	AD854791	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B653	A8B65303	A	FS	AD854792	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B654	A8B65419	A	RB	AD854793	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B682	A8B68201	A	FS	AD854794	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B682	A8B68202	A	FS	AD854795	A	TM	50.00	50.00	COLORLES	COLORLES	CLOUDY	CLEAR	NONE
09/25/08	08:30	DAN	A08-B682	A8B68203	A	FB	AD854796	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLEAR	NONE
09/25/08	08:30	DAN	A08-B683	A8B68301	A	FS	AD854797	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLEAR	NONE
09/25/08	08:30	DAN	A08-B685	A8B68501	A	FS	AD854798	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B685	A8B68502	A	FS	AD854799	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B685	A8B68503	A	FS	AD854800	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B685	A8B68504	A	FS	AD854801	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN	A08-B685	A8B68505	A	FB	AD854802	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN		A8B2290101	A	LFB	AD854803	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
09/25/08	08:30	DAN		A8B2290102	A	MBLK	AD854804	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B22901 - 09/25/2008 SW8463 TOT 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
		A-	1 - W1	07-MDL-05	(MDL3)	.25 ml PER 50ML	FIN VOL							
			2 - W2	07-MDL-06	(MDL3)	.25 ml PER 50ML	FIN VOL							
			3 - Ag	MSL0507	(MDL3)	.25 ml PER 50ML	FIN VOL							
			4 - Sn	MSL0509	(MDL3)	.25 ml PER 50ML	FIN VOL							

CONC. NITRIC ACID = 8-MDL-4
CONC. HCl ACID = 7-MDL-18
HOT BLOCK TEMPERATURE = 123/E
SAMPLE TEMPERATURE = 97
BATCH ENDED = 09/25/2008
DIGESTIVE CUP LOT = A805LS309

3713/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B23267 - 10/01/2008 SW/MC Total Water 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
10/01/08	08:30	DAN	A08-B761	A8B76101	A	FS	AD856094	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B761	A8B76102	A	FS	AD856095	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B794	A8B79401	A	FS	AD856096	A	TM	50.00	50.00	BROWN	YELLOW	CLOUDY	CLOUDY	LIGHT
10/01/08	08:30	DAN	A08-B794	A8B79402	A	FS	AD856097	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B794	A8B79403	A	FS	AD856098	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B794	A8B79404	A	FS	AD856099	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B794	A8B79405	A	FS	AD856100	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B794	A8B79406	A	FS	AD856101	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B794	A8B79407	A	FS	AD856102	A	TM	50.00	50.00	YELLOW	YELLOW	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B884	A8B88401	A	FS	AD856103	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B884	A8B88402	A	FS	AD856104	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B884	A8B88403	A	FS	AD856105	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B884	A8B88404	A	FS	AD856106	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B927	A8B92701	A	FS	AD856107	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B927	A8B92702	A	FS	AD856108	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B927	A8B92704	A	FS	AD856109	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B927	A8B92707	A	FS	AD856110	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B927	A8B92707MD	A	MD	AD856111	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B927	A8B92707MS	A	MS	AD856112	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B950	A8B95001	A	FS	AD856113	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B950	A8B95002	A	FS	AD856114	A	TM	50.00	50.00	COLORLES	YELLOW	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN	A08-B950	A8B95003	A	FS	AD856115	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN		A8B2326701	A	LFB	AD856116	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE
10/01/08	08:30	DAN		A8B2326702	A	MBLK	AD856117	A	TM	50.00	50.00	COLORLES	COLORLES	CLEAR	CLEAR	NONE

3714/3787

Comments: EPPENDORF'S USED IN PARENTHESIS:
(MDL3) .250ml SN 1853714
QUALITY CONTROL ADDITIVES:
SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B23267 - 10/01/2008 SW/MC Total Water 3005 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
		A-	1 - W1	07-MDL-05	(MDL3)	.25 ml PER 50ML	FIN VOL							
			2 - W2	07-MDL-06	(MDL3)	.25 ml PER 50ML	FIN VOL							
			3 - Ag	MSL0507	(MDL3)	.25 ml PER 50ML	FIN VOL							
			4 - Sn	MSL0509	(MDL3)	.25 ml PER 50ML	FIN VOL							

CONC. NITRIC ACID = 8-MDL-5
CONC. HCl ACID = 7-MDL-18
HOT BLOCK TEMPERATURE = 121/C
SAMPLE TEMPERATURE = 96
BATCH ENDED = 10/01/2008
DIGESTIVE CUP LOT = A805LS309

3715/3787

Color: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

* Redigestion

METALS DIGESTION LOG
A8B22916 - 09/25/2008 SW/MC Soluble Hg Water SW (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
/25/08	12:00	MM	A08-B637	A8A62201	A	FS	AD854868	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B466	A8B46601	A	FS	AD854857	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B466	A8B46601FD	A	FD	AD854858	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B466	A8B46602	A	FS	AD854859	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B466	A8B46603	A	FS	AD854860	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B466	A8B46604	A	FS	AD854861	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B466	A8B46605	A	FS	AD854862	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B622	A8B62201	A	FS	AD854863	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B622	A8B62202	A	FS	AD854864	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B622	A8B62203	A	FS	AD854865	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B628	A8B62801	A	FS	AD854866	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B628	A8B62802	A	FS	AD854867	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B653	A8B65301	A	FS	AD854869	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B653	A8B65302	A	FS	AD854870	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B653	A8B65302MS	A	MS	AD854871	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B653	A8B65302SD	A	SD	AD854872	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM	A08-B653	A8B65303	A	FS	AD854873	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM		A8B2291601	A	LCS	AD854876	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM		A8B2291602	A	MBLK	AD854877	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM		A8B2291603	A	LCS	AD854878	A	SOL MERC	30.00	50.00					
/25/08	12:00	MM		A8B2291604	A	MBLK	AD854879	A	SOL MERC	30.00	50.00					

Comments: Samples for job B653 were lab filtered. Lab filtered LCS/MBLK volume is the 2nd set.

EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL 08-11-08 HGL5 2.0mL
08-11-08 HGL2 0.2mL 08-11-08 HGL6 2.5mL

3716/3787

lor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B22916 - 09/25/2008 SW/MC Soluble Hg Water SW (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				08-11-08 HGL3 0.5mL			08-11-08 HGL7 5.0mL							
				08-11-08 HGL4 1.0mL										

MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-081-D
2.) Potassium Persulfate 8-052-R
3.) Potassium Permanganate 8-036-Q
4.) Stannous Chloride 8-064-U
5.) Hydroxylamine Hydrochloride 8-036-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# G06A25
Conc. Sulfuric Acid Mallinkrodt Lot# E49F06
Hot Block A Temp From Designated Cell: (96)°C
Hot Block B Temp From Designated Cell: (98)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A805LS309

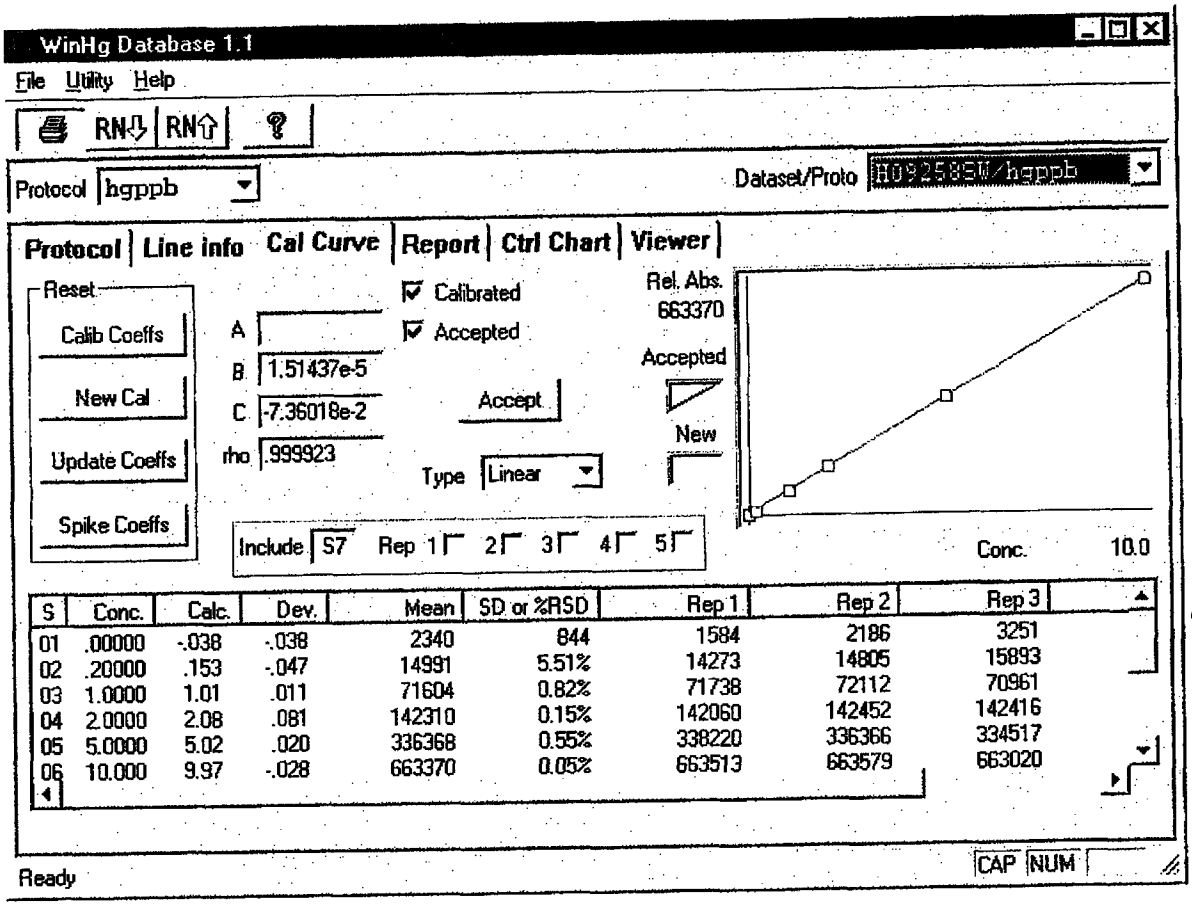
3717/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion



9-25-2008
L2 (m)
H09258SW

8-081-K
-E
-F
-G
-H
-I

Folder: H09258SW Page 1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ICV Seq: 1 14:06:18 25 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	3.09	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 14:07:47 25 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.041	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 14:09:35 25 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		83.7	.167	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 4 14:11:00 25 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.07	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 14:12:27 25 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.073	.200	ppb	.000

*** Sample ID: AD854868 Seq: 6 14:14:06 25 Sep 08 HG

Hg -.043 ppb .000 -.043

*** Sample ID: AD854857 Seq: 7 14:15:35 25 Sep 08 HG

Hg -.064 ppb .000 -.064

*** Sample ID: AD854858 Seq: 8 14:17:15 25 Sep 08 HG

Hg -.067 ppb .000 -.067

*** Sample ID: AD854859 Seq: 9 14:18:39 25 Sep 08 HG

Hg -.057 ppb .000 -.057

*** Sample ID: AD854860 Seq: 10 14:20:16 25 Sep 08 HG

Hg -.055 ppb .000 -.055

*** Sample ID: AD854861 Seq: 11 14:21:46 25 Sep 08 HG

Hg -.054 ppb .000 -.054

*** Sample ID: AD854862 Seq: 12 14:23:42 25 Sep 08 HG

Hg -.064 ppb .000 -.064

*** Sample ID: AD854863 Seq: 13 14:25:09 25 Sep 08 HG

Hg -.057 ppb .000 -.057

Folder: H09258SW Page 2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD854864				Seq: 14	14:26:37 25 Sep 08	HG		
Hg	-.062	ppb	.000	-.062				
*** Sample ID: AD854865				Seq: 15	14:28:05 25 Sep 08	HG		
Hg	-.034	ppb	.000	-.034				
*** Check Standard: 3 Ck3CCV				Seq: 16	14:29:51 25 Sep 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		105.	2.09	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 17	14:31:18 25 Sep 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.068	.200	ppb	.000			
*** Sample ID: AD854866				Seq: 18	14:32:48 25 Sep 08	HG		
Hg	-.054	ppb	.000	-.054				
*** Sample ID: AD854867				Seq: 19	14:34:24 25 Sep 08	HG		
Hg	-.049	ppb	.000	-.049				
*** Sample ID: AD854869				Seq: 20	14:36:09 25 Sep 08	HG		
Hg	-.058	ppb	.000	-.058				
*** Sample ID: AD854870				Seq: 21	14:37:53 25 Sep 08	HG		
Hg	-.062	ppb	.000	-.062				
*** Sample ID: AD854870L				Seq: 22	14:39:21 25 Sep 08	HG		
			1:5					
Hg	-.040	ppb	.000	-.040				
*** Sample ID: AD854871				Seq: 23	14:40:47 25 Sep 08	HG		
			+4 PPB					
Hg	4.13	ppb	.000	4.13				
*** Sample ID: AD854872				Seq: 24	14:42:13 25 Sep 08	HG		
			+4 PPB					
Hg	4.16	ppb	.000	4.16				
*** Sample ID: AD854873				Seq: 25	14:43:40 25 Sep 08	HG		
Hg	-.064	ppb	.000	-.064				
*** Sample ID: AD854876 SPIKED				Seq: 26	14:45:55 25 Sep 08	HG		
Hg	1.89	ppb	.000	1.89				

Folder: H09258SW
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** %Rec. ID: AD854876				Seq: 27		14:45:55 25 Sep 08		HG	
				Spikes =1	Unspiked =0				
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	4.00 L	ppb		47.3	.000	.000	1.89	.000	=
*** Sample ID: AD854877				Seq: 28		14:47:31 25 Sep 08		HG	
Hg	-.070	ppb	.000	-.070					=
*** Check Standard: 3 Ck3CCV				Seq: 29		14:49:17 25 Sep 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		105.	2.10	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 30		14:50:43 25 Sep 08		HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.044	.200	ppb	.000				=
*** Sample ID: AD854878				Seq: 31		14:52:29 25 Sep 08		HG	
SPIKED									
Hg	2.03	ppb	.000	2.03					=
*** %Rec. ID: AD854878				Seq: 32		14:52:29 25 Sep 08		HG	
				Spikes =1	Unspiked =0				
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	4.00 L	ppb		50.8	.000	.000	2.03	.000	=
*** Sample ID: AD854879				Seq: 33		14:53:59 25 Sep 08		HG	
Hg	-.074	ppb	.000	-.074					=
*** Check Standard: 4 Ck4CRA				Seq: 34		14:55:29 25 Sep 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		78.2	.156	.200	ppb	.000			=
*** Check Standard: 3 Ck3CCV				Seq: 35		14:57:07 25 Sep 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		106.	2.11	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 36		14:58:38 25 Sep 08		HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.075	.200	ppb	.000				=

METALS DIGESTION LOG
A8B23161 - 09/29/2008 SW8463 Soluble Hg Water SW (Open)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
9/29/08	15:00	MM	A08-B711	A8B68202	A	FS	AD855720	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B711	A8B68203	A	FB	AD855721	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B727	A8B72701	A	FS	AD855722	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B727	A8B72702	A	FS	AD855723	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B761	A8B76101	A	FS	AD855724	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B761	A8B76102	A	FS	AD855725	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79402	A	FS	AD855736	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79403	A	FS	AD855737	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79404	A	FS	AD855738	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79405	A	FS	AD855739	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79406	A	FS	AD855740	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79407	A	FS	AD855741	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B794	A8B79408	A	FS	AD855742	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88501	A	FS	AD855726	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88501MS	A	MS	AD855727	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88501SD	A	SD	AD855728	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88502	A	FS	AD855729	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88503	A	FS	AD855730	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88504	A	FS	AD855731	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88505	A	FS	AD855732	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM	A08-B885	A8B88506	A	FS	AD855733	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM		A8B2316101	A	LCS	AD855734	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM		A8B2316102	A	MBLK	AD855735	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM		A8B2316103	A	LCS	AD855743	A	SOL MERC	30.00	50.00					
9/29/08	15:00	MM		A8B2316104	A	MBLK	AD855744	A	SOL MERC	30.00	50.00					

3722/3787

Comments: Samples from jobs B711, B727, and B794 are lab filtered; lab filtered LCS/MBLK is the 2nd set.

EPPENDORFS USED TO ADD SPIKES:

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B23161 - 09/29/2008 SW8463 Soluble Hg Water SW (Open)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL
08-11-08 HGL2 0.2mL
08-11-08 HGL3 0.5mL
08-11-08 HGL4 1.0mL
08-11-08 HGL5 2.0mL
08-11-08 HGL6 2.5mL
08-11-08 HGL7 5.0mL
MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-085-D
2.) Potassium Persulfate 8-052-R
3.) Potassium Permanganate 8-082-Q
4.) Stannous Chloride 8-064-U
5.) Hydroxylamine Hydrochloride 8-036-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# G06A25
Conc. Sulfuric Acid Mallinkrodt Lot# G20022
Hot Block A Temp From Designated Cell: (96)°C
Hot Block B Temp From Designated Cell: (98)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A805LS309

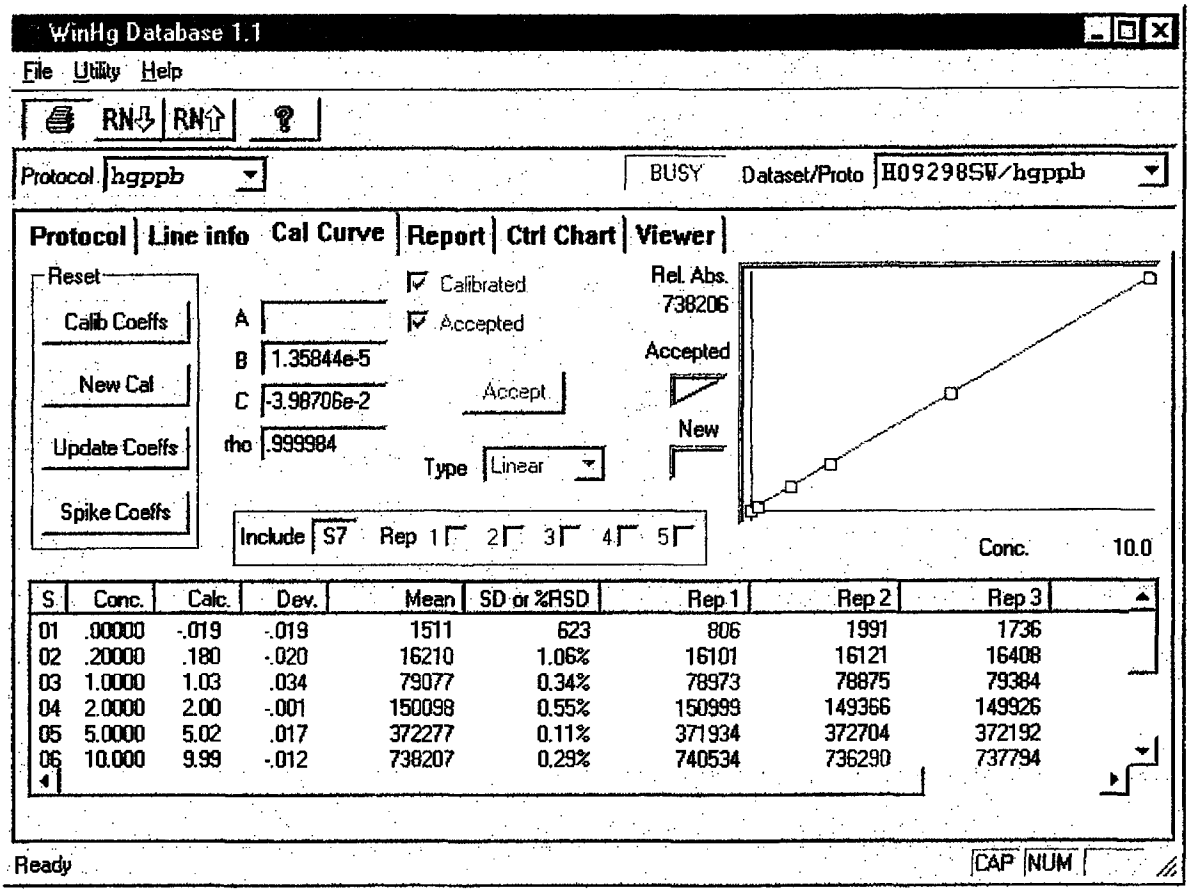
3723/3787

lor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion



9-29-2008

L2 (VM)

H092985W

8-085-K
-E
-F
-G
-H
-I
-J

Folder: H09298SW Page 1
Protocol: hgppb
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 2 Ck2ICV Seq: 1 18:45:50 29 Sep 08 HG

8-085-J

Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 3.04 3.00 ppb .000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 18:47:35 29 Sep 08 HG

-K

Line Flag Found Range(+/-) Units SD/RSD
Hg -.031 .200 ppb .000

=

*** Check Standard: 4 Ck4CRA Seq: 3 18:49:06 29 Sep 08 HG

-L

Line Flag %Rcv. Found True Units SD/RSD
Hg 93.6 .187 .200 ppb .000

=

*** Check Standard: 3 Ck3CCV Seq: 4 18:50:31 29 Sep 08 HG

-M

Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 2.04 2.00 ppb .000

=

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 18:52:08 29 Sep 08 HG

-K

Line Flag Found Range(+/-) Units SD/RSD
Hg .008 .200 ppb .000

=

*** Sample ID: AD855720 Seq: 6 18:53:37 29 Sep 08 HG

Hg -.017 ppb .000 -.017

=

==========

*** Sample ID: AD855721 Seq: 7 18:55:03 29 Sep 08 HG

Hg -.033 ppb .000 -.033

=

==========

*** Sample ID: AD855722 Seq: 8 18:56:49 29 Sep 08 HG

Hg -.018 ppb .000 -.018

=

==========

*** Sample ID: AD855723 Seq: 9 18:58:35 29 Sep 08 HG

Hg -.032 ppb .000 -.032

=

==========

*** Sample ID: AD855724 Seq: 10 19:00:35 29 Sep 08 HG

Hg -.036 ppb .000 -.036

=

==========

*** Sample ID: AD855725 Seq: 11 19:02:31 29 Sep 08 HG

Hg -.026 ppb .000 -.026

=

==========

*** Sample ID: AD855736 Seq: 12 19:03:58 29 Sep 08 HG

Hg -.041 ppb .000 -.041

=

==========

*** Sample ID: AD855737 Seq: 13 19:05:38 29 Sep 08 HG

Hg -.023 ppb .000 -.023

=

==========

Folder: H09298SW Page 2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD855738				Seq: 14	19:07:05 29 Sep 08	HG		
Hg	-.014	ppb	.000	-.014				
*** Sample ID: AD855739				Seq: 15	19:08:43 29 Sep 08	HG		
Hg	-.030	ppb	.000	-.030				
*** Check Standard: 3 Ck3CCV				Seq: 16	19:10:19 29 Sep 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.03	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 17	19:11:44 29 Sep 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.018	.200	ppb	.000			
*** Sample ID: AD855740				Seq: 18	19:13:09 29 Sep 08	HG		
Hg	-.034	ppb	.000	-.034				
*** Sample ID: AD855741				Seq: 19	19:14:49 29 Sep 08	HG		
Hg	-.017	ppb	.000	-.017				
*** Sample ID: AD855742				Seq: 20	19:16:28 29 Sep 08	HG		
Hg	-.030	ppb	.000	-.030				
*** Sample ID: AD855726				Seq: 21	19:17:58 29 Sep 08	HG		
Hg	-.036	ppb	.000	-.036				
*** Sample ID: AD855726L				Seq: 22	19:19:25 29 Sep 08	HG		
			1:5					
Hg	-.018	ppb	.000	-.018				
*** Sample ID: AD855727				Seq: 23	19:21:02 29 Sep 08	HG		
			+4 PPB					
Hg	3.75	ppb	.000	3.75				
*** Sample ID: AD855728				Seq: 24	19:22:30 29 Sep 08	HG		
			+4 PPB					
Hg	3.76	ppb	.000	3.76				
*** Sample ID: AD855729				Seq: 25	19:24:03 29 Sep 08	HG		
Hg	-.017	ppb	.000	-.017				
*** Sample ID: AD855730				Seq: 26	19:25:29 29 Sep 08	HG		
Hg	-.015	ppb	.000	-.015				

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD855731				Seq: 27		19:26:57 29 Sep 08	HG	
Hg	-.067	ppb	.000	-.067				
*** Check Standard: 3 Ck3CCV				Seq: 28		19:28:35 29 Sep 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.	2.02	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 29		19:30:11 29 Sep 08	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.022	.200	ppb		.000		
*** Sample ID: AD855732				Seq: 30		19:31:39 29 Sep 08	HG	
Hg	-.024	ppb	.000	-.024				
*** Sample ID: AD855733				Seq: 31		19:33:07 29 Sep 08	HG	
Hg	-.029	ppb	.000	-.029				
*** Sample ID: AD855734 SPIKED				Seq: 32		19:34:58 29 Sep 08	HG	
Hg	1.95	ppb	.000	1.95				
*** %Rec. ID: AD855734				Seq: 33		19:34:58 29 Sep 08	HG	
				Spikes =1	Unspiked =0			
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	4.00 ~~2~~ 2ppb	ppb	97.6% 1/30/08	48.8	.000	.000	1.95	.000
*** Sample ID: AD855735				Seq: 34		19:36:30 29 Sep 08	HG	
Hg	-.031	ppb	.000	-.031				
*** Sample ID: AD855743 SPIKED				Seq: 35		19:38:08 29 Sep 08	HG	
Hg	1.87	ppb	.000	1.87				
*** %Rec. ID: AD855743				Seq: 36		19:38:08 29 Sep 08	HG	
				Spikes =1	Unspiked =0			
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	4.00 L 2ppb	ppb	93.6% 9/30/08	46.8	.000	.000	1.87	.000
*** Sample ID: AD855744				Seq: 37		19:40:15 29 Sep 08	HG	
Hg	-.029	ppb	.000	-.029				
*** Check Standard: 4 Ck4CRA				Seq: 38		19:42:17 29 Sep 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		88.7	.177	.200	ppb	.000		
*** Check Standard: 3 Ck3CCV				Seq: 39		19:43:57 29 Sep 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.	2.01	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 40		19:45:25 29 Sep 08	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.021	.200	ppb		.000		

METALS DIGESTION LOG
A8B23241 - 09/30/2008 SW8463 Total Hg Water W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
9/30/08	16:30	MM	A08-B653	A8B65301	A	FS	AD856024	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B653	A8B65302	A	FS	AD856025	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B653	A8B65302MS	A	MS	AD856026	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B653	A8B65302SD	A	SD	AD856027	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B653	A8B65303	A	FS	AD856028	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B654	A8B65419	A	RB	AD856029	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B701	A8B70101	A	FS	AD856030	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B701	A8B70102	A	FS	AD856031	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B701	A8B70103	A	FS	AD856032	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B701	A8B70104	A	FS	AD856033	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B701	A8B70105	A	FS	AD856034	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B727	A8B72701	A	FS	AD856035	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B727	A8B72702	A	FS	AD856036	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B733	A8B73301	A	FS	AD856037	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79401	A	FS	AD856038	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79402	A	FS	AD856039	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79403	A	FS	AD856040	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79404	A	FS	AD856041	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79405	A	FS	AD856042	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79406	A	FS	AD856043	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM	A08-B794	A8B79407	A	FS	AD856044	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM		A8B2324101	A	LCS	AD856045	A	MERCURY	30.00	50.00					
9/30/08	16:30	MM		A8B2324102	A	MBLK	AD856046	A	MERCURY	30.00	50.00					

Comments: EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL 08-11-08 HGL5 2.0mL
08-11-08 HGL2 0.2mL 08-11-08 HGL6 2.5mL

3728/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B23241 - 09/30/2008 SW8463 Total Hg Water W2 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			08-11-08 HGL3 0.5mL				08-11-08 HGL7 5.0mL							
			08-11-08 HGL4 1.0mL											

MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-087-D
2.) Potassium Persulfate 8-052-R
3.) Potassium Permanganate 8-082-Q
4.) Stannous Chloride 8-064-U
5.) Hydroxylamine Hydrochloride 8-036-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-03 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# G06A25
Conc. Sulfuric Acid Mallinkrodt Lot# G20022
Hot Block A Temp From Designated Cell: (95)°C
Hot Block B Temp From Designated Cell: (96)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A805LS309

3729/3787

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

WinHg Database 1.1

File Utility Help

RN↓ RN↑ ?

Protocol hgppb Dataset/Proto H093087/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 1.35571e-5

C -3.96243e-2

rho .999987

☑ Calibrated

☑ Accepted

Accept

Type Linear

Rel. Abs. 741082

Accepted

New

Include S7 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.017	-.017	1696	209	1537	1931	1618
02	.20000	.195	-.005	17299	3.24%	17938	17059	16897
03	1.0000	1.03	.025	78541	0.99%	79281	78608	77732
04	2.0000	2.02	.015	151565	0.14%	151337	151600	151756
05	5.0000	4.97	-.026	369830	0.09%	370233	369661	369596
06	10.000	10.0	.007	741082	0.05%	741440	740660	741148

Ready CAP NUM

9-30-2008

L2 [initials]

H093087W2

8-087-K

E

F

G

H

I

Folder: H09308W2 Page 1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ICV Seq: 1 19:02:06 30 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	3.03	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 19:03:43 30 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.024	.200	ppb	.000

*** Check Standard: 4 Ck4CRA Seq: 3 19:05:38 30 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	.204	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 4 19:07:44 30 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	2.03	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 19:09:20 30 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.015	.200	ppb	.000

*** Sample ID: AD856024 Seq: 6 19:10:45 30 Sep 08 HG

Hg -.024 ppb .000 -.024

==========

*** Sample ID: AD856025 Seq: 7 19:12:14 30 Sep 08 HG

Hg -.023 ppb .000 -.023

==========

*** Sample ID: AD856025L Seq: 8 19:13:39 30 Sep 08 HG

1:5

Hg -.024 ppb .000 -.024

==========

*** Sample ID: AD856026 Seq: 9 19:15:26 30 Sep 08 HG

+4 PPB

Hg 3.90 ppb .000 3.90

==========

*** Sample ID: AD856027 Seq: 10 19:17:02 30 Sep 08 HG

+4 PPB

Hg 3.99 ppb .000 3.99

==========

*** Sample ID: AD856028 Seq: 11 19:18:58 30 Sep 08 HG

Hg -.018 ppb .000 -.018

==========

*** Sample ID: AD856029 Seq: 12 19:20:27 30 Sep 08 HG

Hg -.038 ppb .000 -.038

==========

*** Sample ID: AD856030 Seq: 13 19:22:07 30 Sep 08 HG

Hg -.040 ppb .000 -.040

==========

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD856031 Seq: 14 19:23:34 30 Sep 08 HG

Hg -.026 ppb .000 -.026

*** Sample ID: AD856032 Seq: 15 19:25:03 30 Sep 08 HG

Hg -.012 ppb .000 -.012

*** Check Standard: 3 Ck3CCV Seq: 16 19:26:30 30 Sep 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	2.02	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 17 19:28:01 30 Sep 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.018	.200	ppb	.000

*** Sample ID: AD856033 Seq: 18 19:29:57 30 Sep 08 HG

Hg -.009 ppb .000 -.009

*** Sample ID: AD856034 Seq: 19 19:31:23 30 Sep 08 HG

Hg -.028 ppb .000 -.028

*** Sample ID: AD856035 Seq: 20 19:32:58 30 Sep 08 HG

Hg -.022 ppb .000 -.022

*** Sample ID: AD856036 Seq: 21 19:34:25 30 Sep 08 HG

Hg -.014 ppb .000 -.014

*** Sample ID: AD856037 Seq: 22 19:35:52 30 Sep 08 HG

Hg -.014 ppb .000 -.014

*** Sample ID: AD856038 Seq: 23 19:37:19 30 Sep 08 HG

Hg .033 ppb .000 .033

*** Sample ID: AD856039 Seq: 24 19:38:46 30 Sep 08 HG

Hg -.033 ppb .000 -.033

*** Sample ID: AD856040 Seq: 25 19:40:33 30 Sep 08 HG

Hg -.026 ppb .000 -.026

*** Sample ID: AD856041 Seq: 26 19:42:01 30 Sep 08 HG

Hg -.021 ppb .000 -.021

Folder: H09308W2 Page 3
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: AD856042				Seq: 27		19:43:37 30 Sep 08		HG	
Hg	-.035	ppb	.000	-.035					=
*** Check Standard: 3 Ck3CCV				Seq: 28		19:46:04 30 Sep 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.	2.02	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 29		19:47:32 30 Sep 08		HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		-.026	.200	ppb		.000			=
*** Sample ID: AD856043				Seq: 30		19:48:59 30 Sep 08		HG	
Hg	-.040	ppb	.000	-.040					=
*** Sample ID: AD856044				Seq: 31		19:50:36 30 Sep 08		HG	
Hg	-.019	ppb	.000	-.019					=
*** Sample ID: AD856045 SPIKED				Seq: 32		19:52:02 30 Sep 08		HG	
Hg	1.97	ppb	.000	1.97					=
*** %Rec. ID: AD856045				Seq: 33		19:52:02 30 Sep 08		HG	
			Spikes =1	Unspiked =0					
	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)		
Hg	2.00	ppb	98.4	.000	.000	1.97	.000		=
*** Sample ID: AD856046				Seq: 34		19:53:53 30 Sep 08		HG	
Hg	-.026	ppb	.000	-.026					=
*** Sample ID: AD856047				Seq: 35		19:55:18 30 Sep 08		HG	
Hg	-.018	ppb	.000	-.018					=
*** Sample ID: AD856048				Seq: 36		19:56:53 30 Sep 08		HG	
Hg	-.031	ppb	.000	-.031					=
*** Sample ID: AD856049				Seq: 37		19:58:18 30 Sep 08		HG	
Hg	-.036	ppb	.000	-.036					=
*** Sample ID: AD856050				Seq: 38		19:59:46 30 Sep 08		HG	
Hg	-.020	ppb	.000	-.020					=
*** Sample ID: AD856051				Seq: 39		20:01:25 30 Sep 08		HG	
Hg	-.024	ppb	.000	-.024					=

Folder: H09308W2 Page 4
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD856052				Seq: 40	20:02:52 30 Sep 08	HG		
Hg	-.024	ppb	.000	-.024				
*** Check Standard: 3 Ck3CCV				Seq: 41	20:04:48 30 Sep 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.	2.01	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 42	20:06:19 30 Sep 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.030	.200	ppb	.000			
*** Sample ID: AD856053				Seq: 43	20:08:05 30 Sep 08	HG		
Hg	.076	ppb	.000	.076				
*** Sample ID: AD856053L				Seq: 44	20:09:51 30 Sep 08	HG		
			1:5					
Hg	.006	ppb	.000	.006				
*** Sample ID: AD856054				Seq: 45	20:11:27 30 Sep 08	HG		
			+4 PPB					
Hg	3.48	ppb	.000	3.48				
*** Sample ID: AD856055				Seq: 46	20:13:19 30 Sep 08	HG		
			+4 PPB					
Hg	3.43	ppb	.000	3.43				
*** Sample ID: AD856056				Seq: 47	20:15:15 30 Sep 08	HG		
Hg	-.027	ppb	.000	-.027				
*** Sample ID: AD856057				Seq: 48	20:16:40 30 Sep 08	HG		
Hg	-.032	ppb	.000	-.032				
*** Sample ID: AD856058				Seq: 49	20:18:16 30 Sep 08	HG		
Hg	.113	ppb	.000	.113				
*** Sample ID: AD856059				Seq: 50	20:19:42 30 Sep 08	HG		
Hg	-.029	ppb	.000	-.029				
*** Sample ID: AD856060				Seq: 51	20:21:10 30 Sep 08	HG		
Hg	-.032	ppb	.000	-.032				
*** Sample ID: AD856061				Seq: 52	20:22:58 30 Sep 08	HG		
Hg	-.034	ppb	.000	-.034				

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Check Standard: 3  Ck3CCV       Seq:  53      20:24:27 30 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.2    1.98    2.00   ppb         .000
                                                                      =

*** Check Standard: 1  Ck1ICB/CCB   Seq:  54      20:25:57 30 Sep 08   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.024   .200      ppb         .000
                                                                      =

*** Sample ID: AD856062             Seq:  55      20:27:53 30 Sep 08   HG

Hg   -.014    ppb       .000     -.014
                                                                      =
===============================================================================
*** Sample ID: AD856063             Seq:  56      20:29:21 30 Sep 08   HG

Hg   -.016    ppb       .000     -.016
                                                                      =
===============================================================================
*** Sample ID: AD856064             Seq:  57      20:31:18 30 Sep 08   HG

Hg    .018    ppb       .000      .018
                                                                      =
===============================================================================
*** Sample ID: AD856065             Seq:  58      20:32:58 30 Sep 08   HG

Hg    .007    ppb       .000      .007
                                                                      =
===============================================================================
*** Sample ID: AD856066             Seq:  59      20:34:40 30 Sep 08   HG

Hg   -.023    ppb       .000     -.023
                                                                      =
===============================================================================
*** Sample ID: AD856067             Seq:  60      20:36:05 30 Sep 08   HG

Hg   -.024    ppb       .000     -.024
                                                                      =
===============================================================================
*** Sample ID: AD856068             Seq:  61      20:37:31 30 Sep 08   HG
 SPIKED
Hg    1.90    ppb       .000      1.90
                                                                      =
*** %Rec.  ID: AD856068             Seq:  62      20:37:31 30 Sep 08   HG
                    Spikes =1  Unspiked =0
      Spike          %Rcv.    Avg(U)   SD(U)    Avg(S)   SD(S)
Hg    2.00    ppb     95.1      .000    .000      1.90    .000          =

*** Sample ID: AD856069             Seq:  63      20:39:10 30 Sep 08   HG

Hg   -.038    ppb       .000     -.038
                                                                      =
*** Check Standard: 4  Ck4CRA       Seq:  64      20:40:46 30 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          97.3    .195    .200   ppb         .000
                                                                      =
*** Check Standard: 3  Ck3CCV       Seq:  65      20:42:12 30 Sep 08   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.2    1.98    2.00   ppb         .000
                                                                      =
```

Folder: H09308W2 Page 6
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 66 20:43:42 30 Sep 08 HG

Line	Flag	Found	Range (+/-)	Units	SD/RSD
Hg		-.022	.200	ppb	.000

Wet Chemistry Data

Wet Chemistry Analysis **3738/3787**

Client Sample No.

EB-092208

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B65303

% Solids: 0.0 Date Samp/Recv: 09/22/2008 09/23/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB-092308

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B72702

% Solids: 0.0 Date Samp/Recv: 09/23/2008 09/24/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: EB-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79406

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.

FD-092408

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79404

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-1

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B65301

% Solids: 0.0 Date Samp/Recv: 09/22/2008 09/23/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-2

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B65302

% Solids: 0.0 Date Samp/Recv: 09/22/2008 09/23/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-3

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79407

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-4

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79402

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-5

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B72701

% Solids: 0.0 Date Samp/Recv: 09/23/2008 09/24/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-6

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79403

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis **3748/3787**

Client Sample No.: MW-8

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79405

% Solids: 0.0 Date Samp/Recv: 09/24/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Analysis

Client Sample No.: MW-9

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B79408

% Solids: 0.0 Date Samp/Recv: 09/25/2008 09/25/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Laboratory: A
roject Manager: PKM

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
Fraction: WC																
chester Gas & Electri	NY3A9052	47	Corrosivity (pH)	EQL	SW8463	9045	CTA19728	S	S.U.		0.00000	0.00000	Y	*		
chester Gas & Electri	NY3A9052	47	Cyanide - Total	EQL	SW8463	9012	ST001451	S	UG/G		1.00000	0.87000	N			
chester Gas & Electri	NY3A9052	47	Cyanide - Total	EQL	SW8463	9012A	ST000952	W	MG/L		0.01000	0.00500	N			

3750/3787

SAMPLE DATE 09/22/2008

SDG: B653

ient Sample ID:	MW-2	MW-2	
Lab Sample ID:	A8B65302	A8B65302MS	A8B65302SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS RPD	QC LIMITS REC.
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg			
ET CHEMISTRY ANALYSIS												
TOTAL CYANIDE	UG/L	0	100.0	109.1	100.0	100.0	100	109	105	9	15.0	85-115

3751/3787

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

SDG: B653
ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2340502 A8B2340501

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	384.5	400.0	96	90-110

3752/3787

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

SDG: B653
ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2349502 A8B2349501

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
IET CHEMISTRY ANALYSIS					
TOTAL CYANIDE	UG/L	404.1	400.0	101	90-110

3753/3787

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab Sample ID: A8B2340502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 10/03/2008 Time Analyzed (1): 09:12

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB-092208	A8B65303	10/03/2008	09:12
2	LCS	A8B2340501	10/03/2008	09:12
3	MW-1	A8B65301	10/03/2008	09:12
4	MW-2	A8B65302	10/03/2008	09:12
5	MW-2	A8B65302MS	10/03/2008	09:12
6	MW-2	A8B65302SD	10/03/2008	09:12

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B2340502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/03/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Lab Sample ID: A8B2349502 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 10/04/2008 Time Analyzed (1): _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	EB-092308	A8B72702	10/04/2008	
2	EB-092408	A8B79406	10/04/2008	
3	FD-092408	A8B79404	10/04/2008	
4	LCS	A8B2349501	10/04/2008	
5	MW-3	A8B79407	10/04/2008	
6	MW-4	A8B79402	10/04/2008	
7	MW-5	A8B72701	10/04/2008	
8	MW-6	A8B79403	10/04/2008	
9	MW-8	A8B79405	10/04/2008	
10	MW-9	A8B79408	10/04/2008	

Comments: _____

Wet Chemistry Analysis

Client Sample No.: Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: EEMC MSPA

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: B653

Matrix (soil/water): WATER Lab Sample ID: A8B2349502

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/L	10	U			9012A	10/04/2008

Comments:

Wet Chemistry Raw Data

WET CHEMISTRY BATCH SUMMARY 3759/3787

PARAMETER CN- METHOD 3354 BATCH A8B23405

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	B741-03
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why?
CCB Compliant?	(YES)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	(YES)	NO	NA	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 1 0 1 3 (4)

Analyst jm Date 10/3/08

Time Critical Batch Review _____ Date _____

Secondary Review & Closure Lisa Rinaldi Date 6 OCT 2008

WC Summary Rev5 / 05-2008

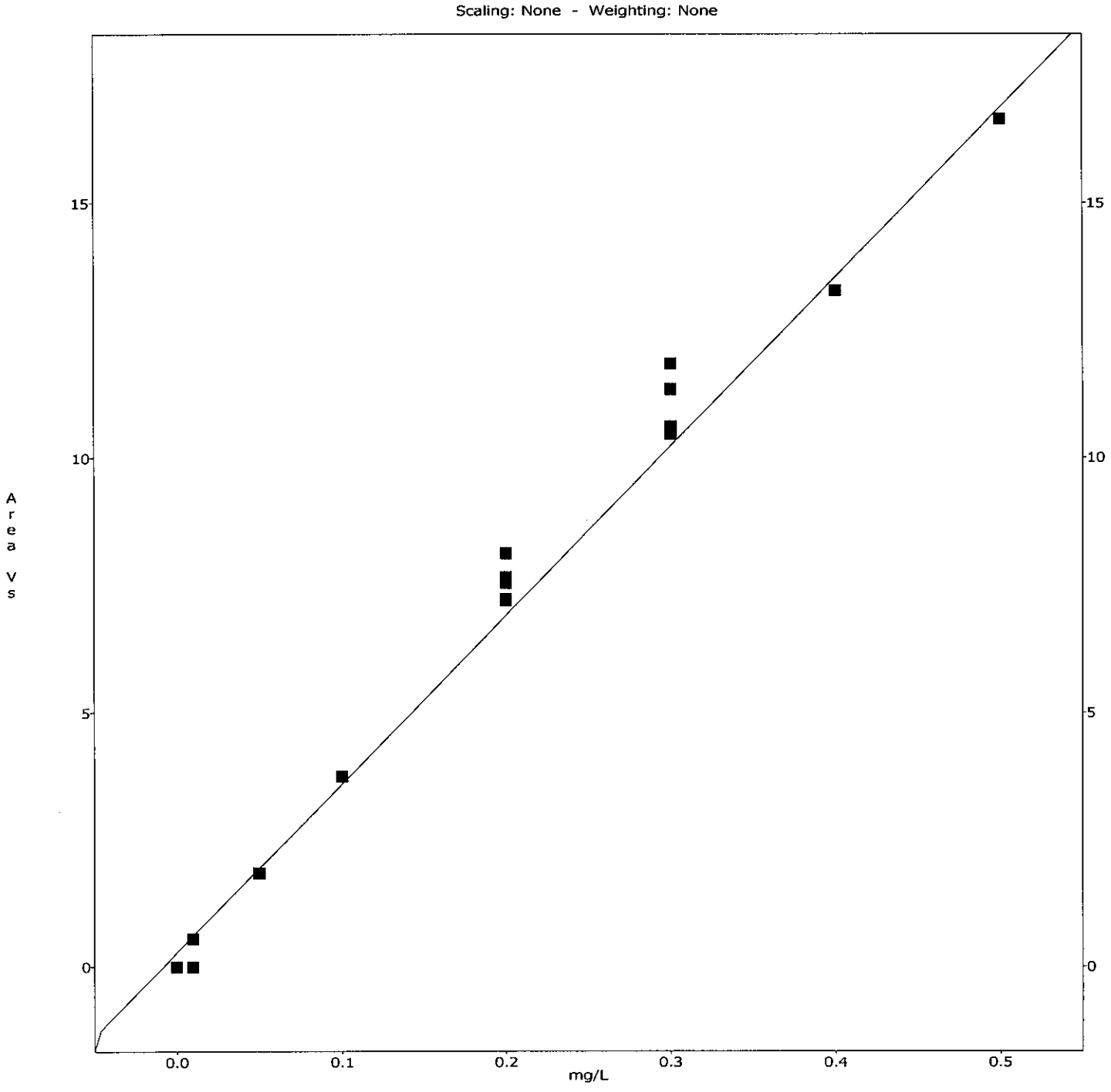
CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	16647283	0.50	16647283					0.0	0.0	1.2
2	13278938	0.40	13278938					0.0	0.0	1.9
3	10609127	0.30	10609127	11342375	11842727	10465690		645184.4	5.8	-3.9
4	7208116	0.20	7208116	7549133	7655898	8125402	7229530	374774.3	5.0	-4.6
5	3748301	0.10	3748301					0.0	0.0	-4.9
6	1844467	0.05	1844467					0.0	0.0	5.0
7	553754	0.01	553754	0				391563.2	141.4	14.3
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

10/3/08
jm

curve ran 9+ 10/3/08

1st Order Poly
Conc = 3.015e-008 Area - 8.129e-003
r = 0.9992



Printed: Friday, October 03, 2008 - 08:04 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-175-E	Exp. 25 OCTOBER 2008
Potassium Phosphate Buffer	16-176-A	Exp. 25 OCTOBER 2008
Chloramine-T	16-176-E	Exp. 26 OCTOBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502 Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P146-502 Actual = .495
QC Pals Range = .368-..622mg/L
PT Pals Range = .290-.704mg/L

ERA D057-541 Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502 Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 18 SEPTEMBER 2008
INT STD = 16-171-A

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 3, 2008 9:00:37
DATA FILENAME: C:\OMNION\DATA\CLP01.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CLP01.TRA

TRAY DESCRIPTION:
Created: Oct 3, 2008 8:05:01
Modified: Oct 3, 2008 8:05:01

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)
1	CLP 0.01	03 Oct 2008	09:00:40	1	0.0121

121% / range: 70-130%, OK

Method - Ch. 1 (CYANIDE)

A8B23405

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 3, 2008 9:12:22
DATA FILENAME: C:\OMNION\DATA\CN10038A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN10038A.TRA

TRAY DESCRIPTION:
Created: Oct 3, 2008 9:12:04
Modified: Oct 3, 2008 10:25:03

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	03 Oct 2008	09:12:25	1	0.3845	96.1%
2	mblk#2	03 Oct 2008	09:13:18	1	-0.0081	<0.01
3	lcs P146-502 1:2	03 Oct 2008	09:14:11	1	0.1873	75% @ 0.495, range: 0.368-0.622 mg/L
4	lcs D057-541 1:5	03 Oct 2008	09:15:05	1	0.0673	Wrong volume, reran, [Tray CN10038B.FDT CN10038B.TRA]
5	A8B65704	03 Oct 2008	09:15:58	1	0.0107	
6	A8B65705	03 Oct 2008	09:16:51	1	-0.0081	
7	A8B65706	03 Oct 2008	09:17:44	1	-0.0081	
8	A8B65707	03 Oct 2008	09:18:37	1	-0.0081	
9	A8B84901	03 Oct 2008	09:19:29	1	-0.0081	
10	A8B88311/FREE	03 Oct 2008	09:20:21	1	-0.0081	
11	A8B97601	03 Oct 2008	09:21:14	1	-0.0081	
12	A8B97602	03 Oct 2008	09:22:06	1	-0.0081	
13	lcs#1@0.4	03 Oct 2008	09:22:58	1	0.3759	93.9%
14	mblk#2	03 Oct 2008	09:23:50	1	-0.0081	<0.01
15	A8B73301	03 Oct 2008	09:24:42	1	0.0101	
16	A8B73404	03 Oct 2008	09:25:35	1	-0.0081	
17	A8B73405	03 Oct 2008	09:26:30	1	0.0579	
18	A8B74002	03 Oct 2008	09:27:23	1	-0.0081	
19	A8B74101	03 Oct 2008	09:28:16	1	-0.0081	
20	A8B74103	03 Oct 2008	09:29:09	1	-0.0081	RPD=ND
21	A8B74103MD	03 Oct 2008	09:30:02	1	-0.0081	
22	A8B74103MS	03 Oct 2008	09:30:56	1	0.0322	MS = 32.2% @ 0.1ppm
23	A8B74102	03 Oct 2008	09:31:49	1	-0.0081	
24	A8B57810	03 Oct 2008	09:32:42	1	-0.0081	
25	lcs#21@0.25	03 Oct 2008	09:33:34	1	0.2441	97.6%
26	mblk#22	03 Oct 2008	09:34:26	1	-0.0081	<0.01

OPERATOR: Lachat1
ACQ. TIME: Oct 3, 2008 9:12:22
DATA FILENAME: C:\OMNION\DATA\CN10038A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	A8B74201	03 Oct 2008	09:37:04	1	0.0060	1.00	
28	A8B74202	03 Oct 2008	09:37:56	1	-0.0081	1.00	
29	A8B74203	03 Oct 2008	09:38:48	1	0.1574	1.00	
30	A8B61801	03 Oct 2008	09:39:40	1	-0.0081	1.00	
31	A8B64601	03 Oct 2008	09:40:34	1	-0.0081	1.00	
32	A8B64602	03 Oct 2008	09:41:29	1	0.2588	1.00	
33	A8B64603	03 Oct 2008	09:42:22	1	-0.0081	1.00	
34	A8B65301	03 Oct 2008	09:43:15	1	-0.0081	1.00	
35	A8B65302	03 Oct 2008	09:44:08	1	-0.0081	1.00	
36	A8B65302MS	03 Oct 2008	09:45:01	1	0.0834	1.00	83.4% @ 0.1ppm
37	lcs#21@0.25	03 Oct 2008	09:45:54	1	0.2490	1.00	99.6%
38	mblk#22	03 Oct 2008	09:46:48	1	-0.0081	1.00	<0.01
39	A8B65302SD	03 Oct 2008	09:47:41	1	0.0987	1.00	98.7% @ 0.1ppm
#1 40	IDOC/MM @ 0.25	03 Oct 2008	09:48:34	1	0.2348	1.00	93.9%
#2 41	IDOC/MM @ 0.25	03 Oct 2008	09:49:26	1	0.2535	1.00	101.4%
#3 42	IDOC/MM @ 0.25	03 Oct 2008	09:50:18	1	0.2458	1.00	98.3%
#4 43	IDOC/MM @ 0.25	03 Oct 2008	09:51:10	1	0.2227	1.00	89.1%, reran to ✓ (cup 80)
44	MBLK/MM	03 Oct 2008	09:52:02	1	-0.0081	1.00	<0.01
45	A8B65303	03 Oct 2008	09:52:54	1	-0.0081	1.00	
46	A8B65401	03 Oct 2008	09:53:49	1	-0.0081	1.00	
47	A8B65402	03 Oct 2008	09:54:43	1	0.0155	1.00	
48	A8B65403	03 Oct 2008	09:55:37	1	0.0078	1.00	
49	lcs#41@0.25	03 Oct 2008	09:56:31	1	0.2487	1.00	99.5%
50	mblk#42	03 Oct 2008	09:57:25	1	-0.0081	1.00	<0.01
51	A8B65404	03 Oct 2008	09:58:18	1	-0.0081	1.00	
52	A8B65419	03 Oct 2008	09:59:11	1	-0.0081	1.00	
53	A8B65406	03 Oct 2008	10:00:04	1	-0.0081	1.00	
54	A8B65407	03 Oct 2008	10:00:57	1	-0.0081	1.00	
55	A8B65408	03 Oct 2008	10:01:50	1	-0.0081	1.00	
56	A8B65409	03 Oct 2008	10:02:44	1	-0.0081	1.00	
57	A8B65410	03 Oct 2008	10:03:36	1	-0.0081	1.00	
58	A8B65411	03 Oct 2008	10:04:28	1	0.0064	1.00	
59	A8B65412	03 Oct 2008	10:05:20	1	-0.0081	1.00	
60	A8B65412MS	03 Oct 2008	10:06:12	1	0.0914	1.00	91.4% @ 0.1ppm

reran to confirm RPD, cups 78-79

OPERATOR: Lachat1
ACQ. TIME: Oct 3, 2008 9:12:22
DATA FILENAME: C:\OMNION\DATA\CN10038A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 90

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
61	lcs#41@0.25	03 Oct 2008	10:07:06	1	0.2508	100.3%
62	mblk#42	03 Oct 2008	10:08:01	1	-0.0081	<0.01
63	A8B65412SD	03 Oct 2008	10:08:55	1	0.0969	96.9% @ 0.1ppm, RPD= 5.84%
64	A8B65413	03 Oct 2008	10:09:49	1	-0.0081	
65	A8B65414	03 Oct 2008	10:10:43	1	0.0187	
66	A8B65415	03 Oct 2008	10:11:36	1	0.0189	
67	A8B79901	03 Oct 2008	10:12:29	1	-0.0081	
68	A8B79902	03 Oct 2008	10:13:23	1	-0.0081	
69	A8B79903	03 Oct 2008	10:14:16	1	-0.0081	
70	A8B79904	03 Oct 2008	10:15:09	1	0.0186	
71	A8B79906	03 Oct 2008	10:16:02	1	0.0154	> RPD= 25%, reran to ✓ RPD value, cups 81-82
72	A8B79906MD	03 Oct 2008	10:16:55	1	0.0223	
73	lcs#61@0.25	03 Oct 2008	10:17:47	1	0.2525	101%
74	mblk#62	03 Oct 2008	10:20:53	1	-0.0081	<0.01
75	A8B79907	03 Oct 2008	10:21:46	1	-0.0081	
76	A8B79907MS	03 Oct 2008	10:22:40	1	0.1057	105.7% @ 0.1ppm
~~77~~	~~**lcs D057-541 1:5**~~	~~03 Oct 2008~~	~~10:23:34~~	~~1~~	~~0.2431~~	no sample, reset
78	A8B65302MS**	03 Oct 2008	10:24:29	1	0.1000	100% > @ 0.1ppm, RPD= 8.70%
79	A8B65302SD**	03 Oct 2008	10:25:23	1	0.1091	109%
80	IDOC/MM @ 0.25** #4	03 Oct 2008	10:26:17	1	0.2496	99.84%
81	A8B79906**	03 Oct 2008	10:27:11	1	-0.0081	> RPD=NO
82	A8B79906MD**	03 Oct 2008	10:28:04	1	-0.0081	
85	lcs#61@0.25	03 Oct 2008	10:28:57	1	0.2539	
86	mblk#62	03 Oct 2008	10:29:50	1	-0.0081	

(soil ERA next pg) ⟶

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 3, 2008 10:57:13
DATA FILENAME: C:\OMNION\DATA\CN10038B.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN10038B.TRA

TRAY DESCRIPTION:
Created: Oct 3, 2008 10:51:05
Modified: Oct 3, 2008 10:51:05

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)
1	**lcs D057-541 1:5**	03 Oct 2008	10:57:17	1	0.1979

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 3, 2008 9:12:22
DATA FILENAME: C:\OMNION\DATA\CN10038A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN10038A.TRA

TRAY DESCRIPTION:
Created: Oct 3, 2008 9:12:04
Modified: Oct 3, 2008 10:25:03

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	03 Oct 2008	09:12:25	1	13021043.0000
2	mblk#2	03 Oct 2008	09:13:18	1	0.0000
3	lcs P146-502 1:2	03 Oct 2008	09:14:11	1	6479629.0000
4	lcs D057-541 1:5	03 Oct 2008	09:15:05	1	2500493.0000
5	A8B65704	03 Oct 2008	09:15:58	1	622899.0000
6	A8B65705	03 Oct 2008	09:16:51	1	0.0000
7	A8B65706	03 Oct 2008	09:17:44	1	0.0000
8	A8B65707	03 Oct 2008	09:18:37	1	0.0000
9	A8B84901	03 Oct 2008	09:19:29	1	0.0000
10	A8B88311/FREE	03 Oct 2008	09:20:21	1	0.0000
11	A8B97601	03 Oct 2008	09:21:14	1	0.0000
12	A8B97602	03 Oct 2008	09:22:06	1	0.0000
13	lcs#1@0.4	03 Oct 2008	09:22:58	1	12734503.0000
14	mblk#2	03 Oct 2008	09:23:50	1	0.0000
15	A8B73301	03 Oct 2008	09:24:42	1	604736.0000
16	A8B73404	03 Oct 2008	09:25:35	1	0.0000
17	A8B73405	03 Oct 2008	09:26:30	1	2189274.0000
18	A8B74002	03 Oct 2008	09:27:23	1	0.0000
19	A8B74101	03 Oct 2008	09:28:16	1	0.0000
20	A8B74103	03 Oct 2008	09:29:09	1	0.0000
21	A8B74103MD	03 Oct 2008	09:30:02	1	0.0000
22	A8B74103MS	03 Oct 2008	09:30:56	1	1338778.0000
23	A8B74102	03 Oct 2008	09:31:49	1	0.0000
24	A8B57810	03 Oct 2008	09:32:42	1	0.0000
25	lcs#21@0.25	03 Oct 2008	09:33:34	1	8365620.0000
26	mblk#22	03 Oct 2008	09:34:26	1	0.0000

OPERATOR: Lachat1
ACQ. TIME: Oct 3, 2008 9:12:22
DATA FILENAME: C:\OMNION\DATA\CN10038A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	A8B74201	03 Oct 2008	09:37:04	1	468710.0000	1.00
28	A8B74202	03 Oct 2008	09:37:56	1	0.0000	1.00
29	A8B74203	03 Oct 2008	09:38:48	1	5488794.0000	1.00
30	A8B61801	03 Oct 2008	09:39:40	1	0.0000	1.00
31	A8B64601	03 Oct 2008	09:40:34	1	0.0000	1.00
32	A8B64602	03 Oct 2008	09:41:29	1	8851290.0000	1.00
33	A8B64603	03 Oct 2008	09:42:22	1	0.0000	1.00
34	A8B65301	03 Oct 2008	09:43:15	1	0.0000	1.00
35	A8B65302	03 Oct 2008	09:44:08	1	0.0000	1.00
36	A8B65302MS	03 Oct 2008	09:45:01	1	3035021.0000	1.00
37	lcs#21@0.25	03 Oct 2008	09:45:54	1	8528384.0000	1.00
38	mblk#22	03 Oct 2008	09:46:48	1	0.0000	1.00
39	A8B65302SD	03 Oct 2008	09:47:41	1	3541159.0000	1.00
40	IDOC/MM @ 0.25	03 Oct 2008	09:48:34	1	8057306.0000	1.00
41	IDOC/MM @ 0.25	03 Oct 2008	09:49:26	1	8677504.0000	1.00
42	IDOC/MM @ 0.25	03 Oct 2008	09:50:18	1	8421965.0000	1.00
43	IDOC/MM @ 0.25	03 Oct 2008	09:51:10	1	7653786.0000	1.00
44	MBLK/MM	03 Oct 2008	09:52:02	1	0.0000	1.00
45	A8B65303	03 Oct 2008	09:52:54	1	0.0000	1.00
46	A8B65401	03 Oct 2008	09:53:49	1	0.0000	1.00
47	A8B65402	03 Oct 2008	09:54:43	1	782886.0000	1.00
48	A8B65403	03 Oct 2008	09:55:37	1	527859.0000	1.00
49	lcs#41@0.25	03 Oct 2008	09:56:31	1	8518183.0000	1.00
50	mblk#42	03 Oct 2008	09:57:25	1	0.0000	1.00
51	A8B65404	03 Oct 2008	09:58:18	1	0.0000	1.00
52	A8B65419	03 Oct 2008	09:59:11	1	0.0000	1.00
53	A8B65406	03 Oct 2008	10:00:04	1	0.0000	1.00
54	A8B65407	03 Oct 2008	10:00:57	1	0.0000	1.00
55	A8B65408	03 Oct 2008	10:01:50	1	0.0000	1.00
56	A8B65409	03 Oct 2008	10:02:44	1	0.0000	1.00
57	A8B65410	03 Oct 2008	10:03:36	1	0.0000	1.00
58	A8B65411	03 Oct 2008	10:04:28	1	480307.0000	1.00
59	A8B65412	03 Oct 2008	10:05:20	1	0.0000	1.00
60	A8B65412MS	03 Oct 2008	10:06:12	1	3299085.0000	1.00

OPERATOR: Lachat1
ACQ. TIME: Oct 3, 2008 9:12:22
DATA FILENAME: C:\OMNION\DATA\CN10038A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 90

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
61	lcs#41@0.25	03 Oct 2008	10:07:06	1	8586445.0000
62	mblk#42	03 Oct 2008	10:08:01	1	0.0000
63	A8B65412SD	03 Oct 2008	10:08:55	1	3483994.0000
64	A8B65413	03 Oct 2008	10:09:49	1	0.0000
65	A8B65414	03 Oct 2008	10:10:43	1	890918.0000
66	A8B65415	03 Oct 2008	10:11:36	1	896179.0000
67	A8B79901	03 Oct 2008	10:12:29	1	0.0000
68	A8B79902	03 Oct 2008	10:13:23	1	0.0000
69	A8B79903	03 Oct 2008	10:14:16	1	0.0000
70	A8B79904	03 Oct 2008	10:15:09	1	886336.0000
71	A8B79906	03 Oct 2008	10:16:02	1	779482.0000
72	A8B79906MD	03 Oct 2008	10:16:55	1	1007616.0000
73	lcs#61@0.25	03 Oct 2008	10:17:47	1	8642816.0000
74	mblk#62	03 Oct 2008	10:20:53	1	0.0000
75	A8B79907	03 Oct 2008	10:21:46	1	0.0000
76	A8B79907MS	03 Oct 2008	10:22:40	1	3776141.0000
77	**lcs D057-541 1:5**	03 Oct 2008	10:23:34	1	8332596.0000
78	A8B65302MS**	03 Oct 2008	10:24:29	1	3587367.0000
79	A8B65302SD**	03 Oct 2008	10:25:23	1	3886963.0000
80	IDOC/MM @ 0.25** #4	03 Oct 2008	10:26:17	1	8548544.0000
81	A8B79906**	03 Oct 2008	10:27:11	1	0.0000
82	A8B79906MD**	03 Oct 2008	10:28:04	1	0.0000
85	lcs#61@0.25	03 Oct 2008	10:28:57	1	8689587.0000
86	mblk#62	03 Oct 2008	10:29:50	1	0.0000

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 3, 2008 9:00:37
DATA FILENAME: C:\OMNION\DATA\CLP01.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CLP01.TRA

TRAY DESCRIPTION:
Created: Oct 3, 2008 8:05:01
Modified: Oct 3, 2008 8:05:01

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	CLP 0.01	03 Oct 2008	09:00:40	1	670566.0000

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	A8B23405 Comments
10/2/08	JM	LCS	0.4ppm	1	50		400ul	✓	CN-STD
		MBLK	Blank	2					
		LCS	P146-502	3			250ul	✓	ERAW
		LCS	D057-541	4		0.5311			ERAS
		B057	04	5		0.5405 (10/03 MM)			TOTAL
			05	6					
			06	7					
			07	8					
		B849	01	9		0.5405			CLP-WC
		B883	11	10					FREE
		B976	01	11		0.5090			TOTAL
			02	12		0.5215			
		B733	01	13					
		B734	04	14					
			05	15					
		B740	02	16					
		B741	01	17		0.5601			
			03	18		0.5762			
			03MD	19		0.5871			
			03MS	20		0.6478	100ul	✓	CN-Int Std

Start Time 10:20 End Time 11:50 H_2S _____ Cl_2 _____

Magnesium Chloride: D-11-H

Sulmafic Acid: 12-27-D

0.25N NaOH: /

Acetate Buffer: /

Other: 12-31-D, 12-28-C

Cyanide Total Standard: /

Cyanide Intermediate Standard 12-28-D

Cyanide Free Standard: /

Zinc Acetate: 12-31-E

3430987

2078777

ERA Water Lot# CHC-8-D

ERA Soil Lot# CHC-20-B

Block Temp Check:

Block# 1 Temp °C 108 Cell# 1

Block# 4 Temp °C 108 Cell# 1

Reviewed By _____ Date _____

59/200

3771/3787

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/2/08	JM	LCS	0.25ppm	21	50		250ul	✓	Cn- int std
		MBLK	Blank	22					
		B741	02	23		~~0.5480~~ 0.5885			0.5885 g soil weight
		B578	10	24		0.5520			
		B742	01	25		0.6355			
			02	26		0.5792			
			03	27					
		B618	01	28					B618-01
		B646	01	29		0.5205			
			02	30		0.8508			
			03	31		0.5117			
		B653	01	32					
		B653	02	33					
			02MS	34			100ul	✓	Cn- int std
			02SD	35			100ul	✓	
			~~03~~	36			250ul	✓	IDOC/MM @ 0.25ppm
		B654	~~JMQ 10/2/08~~	37			250ul	✓	IDOC/MM
				38			250ul	✓	IDOC/MM
			03	39			250ul	✓	IDOC/MM
			~~04~~	40					IDOC/MM (Blank)

Start Time 15:00 End Time 16:30 H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard: 59

Cyanide Intermediate Standard_____

Cyanide Free Standard:_____

Zinc Acetate:_____

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____ Cell#_____

Block#_____Temp °C_____ Cell#_____

Reviewed By_____ Date_____

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/2/08	TL	LCS	0.25 ppm	41	50		250ul	✓	
		mBlk	BLANK	42					
		B653	03	43					
		B654	01	44		0.5133			
			02	45		0.5907			
			03	46		0.5278			
			04	47		0.6578			
			10/2/08 05 19	48		~~0.5134~~ TL	10/2/08		
			06	49		0.5895			
			07	50		0.6175			
			08	51		0.5134			
			09	52		0.5530			
			10	53		0.5609			
			11	54		0.5052			
			12	55		0.5050			
			12MS	56		0.5921	100ul	✓	
			12SD	57		0.5148	100ul	✓	
			13	58		0.6261			
			14	59		0.6463			
			15	60		0.5586			

Start Time_____ End Time_____ H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard: SEE PG 59

Cyanide Intermediate Standard_____

Cyanide Free Standard:_____

Zinc Acetate:_____

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____ Cell#_____

Block#_____Temp °C_____ Cell#_____

Reviewed By_____ Date_____ 61/200

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/2/08	TL	LCS	0.25PPM	61	50		250ml	✓	
		MBLK	BLANK	62					
		B799	01	63					
			02	64					
			03	65					
			04	66					
			06	67					
			06MD	68					
			07	69					
			07MS	70			100ml	✓	

TL 10/2/08

Start Time_____ End Time_____ H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard: Std Pg 59

Cyanide Intermediate Standard_____

Cyanide Free Standard:_____

Zinc Acetate:_____

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____ Cell#_____

Block#_____Temp °C_____ Cell#_____

Reviewed By_____ Date_____

3774/3787

WET CHEMISTRY BATCH SUMMARY 3775/3787

PARAMETER CN- METHOD 335.4 / 9012 BATCH A8B23495

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	B1059-04
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	YES	NO	(NA)	IF NO, Why? _____
LCS/CCV Compliant?	(YES)	NO	NA	IF NO, Why? _____
CCB Compliant?	(YES)	NO	NA	IF NO, Why? _____
RPD Compliant?	(YES)	NO	NA	IF NO, Why? _____
ERA Compliant?	(YES)	NO	NA	IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: _____

Analyst JM Date 10/4/08

Time Critical Batch Review _____ Date _____

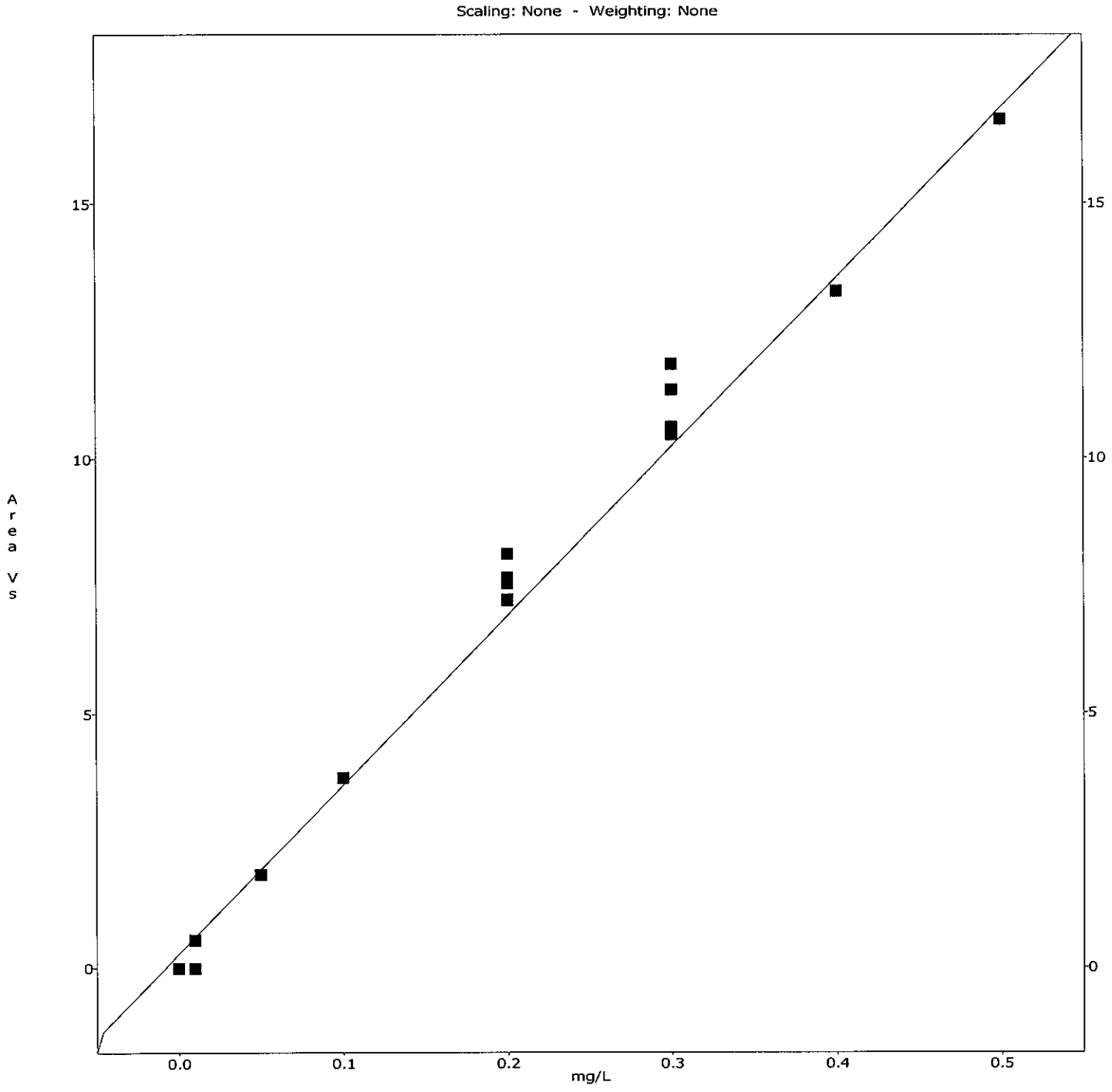
Secondary Review & Closure Lisa R Mateer Date 6 OCT 2008

CYANIDE

Lvl	Area	mg/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	16647283	0.50	16647283					0.0	0.0	1.2
2	13278938	0.40	13278938					0.0	0.0	1.9
3	10609127	0.30	10609127	11342375	11842727	10465690		645184.4	5.8	-3.9
4	7208116	0.20	7208116	7549133	7655898	8125402	7229530	374774.3	5.0	-4.6
5	3748301	0.10	3748301					0.0	0.0	-4.9
6	1844467	0.05	1844467					0.0	0.0	5.0
7	553754	0.01	553754	0				391563.2	141.4	14.3
8	0	0.00	0					0.0	0.0	
9		0.00						0.0	0.0	

curve ran 10/3/08

1st Order Poly
Conc = 3.015e-008 Area - 8.129e-003
r = 0.9992



Printed: Saturday, October 04, 2008 - 10:53 AM

Solutions:
Cyanide 335.4/9012/335.1/4500

Pyridine Barbituric Acid	16-175-E	Exp. 25 OCTOBER 2008
Potassium Phosphate Buffer	16-176-A	Exp. 25 OCTOBER 2008
Chloramine-T	16-176-E	Exp. 26 OCTOBER 2008

MS/SD = 0.1mg/L

LCS = 0.4mg/L, 0.25mg/L

ERA P149-502
Actual = .545mg/L
QC Pals Range = .430 - .630mg/L
PT Pals Range = .325 - .767mg/L

ERA P146-502
Actual = .495
QC Pals Range = .368-..622mg/L
PT Pals Range = .290-.704mg/L

ERA D057-541
Actual = 77.1 mg/Kg
Range = 29.6-125 mg/Kg

ERA P156-502
Actual = .757 mg/L
QC Pals Range = .575 - .954 mg/L
PT Pals Range = .477 – 1.04 mg/L

Curve ran 18 SEPTEMBER 2008
INT STD = 16-171-A

Method - Ch. 1 (CYANIDE)

A8B23495

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 4, 2008 9:28:25
DATA FILENAME: C:\OMNION\DATA\CN10048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN10048A.TRA

TRAY DESCRIPTION:
Created: Oct 4, 2008 9:04:41
Modified: Oct 4, 2008 9:45:35

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
1	lcs#1@0.4	04 Oct 2008	09:28:28	1	0.4041	101%
2	mblk#2	04 Oct 2008	09:29:21	1	-0.0081	<0.01
3	lcs P146-502 1:2	04 Oct 2008	09:30:14	1	0.1765	ran straight, cup 89
4	lcs D057-541 1:5	04 Oct 2008	09:31:08	1	0.1365	
5	A8B83008/FREE	04 Oct 2008	09:32:01	1	0.0106	
6	A8B83015/FREE	04 Oct 2008	09:32:54	1	-0.0081	
7	A8B74002	04 Oct 2008	09:33:47	1	-0.0081	Already ran 10/3/08.
8	A8B65416	04 Oct 2008	09:34:40	1	-0.0081	
9	A8B65417	04 Oct 2008	09:35:32	1	-0.0081	
10	A8B65418	04 Oct 2008	09:36:24	1	-0.0081	
11	A8B79905	04 Oct 2008	09:37:17	1	-0.0081	
12	A8B80001	04 Oct 2008	09:38:09	1	-0.0081	
13	lcs#1@0.4	04 Oct 2008	09:39:01	1	0.4039	100.9%
14	mblk#2	04 Oct 2008	09:39:53	1	-0.0081	<0.01
15	A8B80002	04 Oct 2008	09:40:45	1	-0.0081	
16	A8C04907	04 Oct 2008	09:41:39	1	-0.0081	
17	A8B65901	04 Oct 2008	09:42:34	1	-0.0081	
18	A8B65902	04 Oct 2008	09:43:27	1	-0.0081	
19	A8B65903	04 Oct 2008	09:44:20	1	-0.0081	RPD=ND
20	A8B65903MD	04 Oct 2008	09:45:13	1	-0.0081	
21	A8B65904	04 Oct 2008	09:46:06	1	-0.0081	
22	A8B65904MS	04 Oct 2008	09:46:59	1	0.0795	MS=79% @ 0.1 ~~0.01~~ ppm
23	A8C15101	04 Oct 2008	09:47:53	1	-0.0081	
24	A8B65905	04 Oct 2008	09:48:46	1	-0.0081	
25	lcs#21@0.25	04 Oct 2008	09:49:38	1	0.2566	102.6%
26	mblk#22	04 Oct 2008	09:50:30	1	-0.0081	<0.01

OPERATOR: Lachat1
ACQ. TIME: Oct 4, 2008 9:28:25
DATA FILENAME: C:\OMNION\DATA\CN10048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	Auto Dil Factor	
27	A8B65906	04 Oct 2008	09:51:22	1	-0.0081	1.00	
28	A8B65907	04 Oct 2008	09:52:14	1	-0.0081	1.00	
29	A8B65908	04 Oct 2008	09:53:06	1	-0.0081	1.00	
30	A8B66001	04 Oct 2008	09:53:59	1	-0.0081	1.00	
31	A8B66201	04 Oct 2008	09:54:53	1	-0.0081	1.00	
32	A8B66202	04 Oct 2008	09:55:47	1	-0.0081	1.00	
33	A8B72505	04 Oct 2008	09:56:40	1	-0.0081	1.00	
34	A8B72506	04 Oct 2008	09:57:33	1	-0.0081	1.00	
35	A8B72701	04 Oct 2008	09:58:27	1	-0.0081	1.00	
36	A8B72702	04 Oct 2008	09:59:20	1	-0.0081	1.00	
37	lcs#21@0.25	04 Oct 2008	10:00:13	1	0.2587	1.00	103.4%
38	mblk#22	04 Oct 2008	10:01:06	1	-0.0081	1.00	<0.01
39	A8B74601	04 Oct 2008	10:01:59	1	-0.0081	1.00	
40	A8B74602	04 Oct 2008	10:02:52	1	0.0047	1.00	
41	A8B87501	04 Oct 2008	10:03:44	1	-0.0081	1.00	
42	A8B87502	04 Oct 2008	10:04:37	1	-0.0081	1.00	RPD=ND
43	A8B87502MD	04 Oct 2008	10:05:29	1	-0.0081	1.00	
44	A8B87502MS	04 Oct 2008	10:06:21	1	0.1024	1.00	102.4% @ 0.1ppm
45	A8B87601	04 Oct 2008	10:07:13	1	-0.0081	1.00	
46	A8B87602	04 Oct 2008	10:08:07	1	-0.0081	1.00	
47	A8B87603	04 Oct 2008	10:09:02	1	-0.0081	1.00	
48	A8B87604	04 Oct 2008	10:09:56	1	-0.0081	1.00	
49	lcs#41@0.25	04 Oct 2008	10:10:50	1	0.2443	1.00	97.7%
50	mblk#42	04 Oct 2008	10:11:44	1	-0.0081	1.00	<0.01
51	A8B87701	04 Oct 2008	10:12:37	1	-0.0081	1.00	RPD=ND
52	A8B87701MD	04 Oct 2008	10:13:30	1	-0.0081	1.00	
53	A8B87701MS	04 Oct 2008	10:14:23	1	0.1008	1.00	100.8% @ 0.1ppm
54	A8C02801	04 Oct 2008	10:15:16	1	0.2342	1.00	
55	A8C03001	04 Oct 2008	10:16:10	1	-0.0081	1.00	
56	A8C03501	04 Oct 2008	10:17:03	1	0.0193	1.00	
57	A8C03502	04 Oct 2008	10:17:55	1	-0.0081	1.00	
58	A8C03503	04 Oct 2008	10:18:47	1	-0.0081	1.00	
59	A8B79402	04 Oct 2008	10:19:39	1	-0.0081	1.00	
60	A8B79403	04 Oct 2008	10:20:31	1	-0.0081	1.00	

OPERATOR: Lachat1
ACQ. TIME: Oct 4, 2008 9:28:25
DATA FILENAME: C:\OMNION\DATA\CN10048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 98

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (mg/L)	
61	lcs#41@0.25	04 Oct 2008	10:21:26	1	0.2486	99.4%
62	mblk#42	04 Oct 2008	10:22:20	1	-0.0081	<0.01
63	A8B79404	04 Oct 2008	10:23:14	1	-0.0081	
64	A8B79405	04 Oct 2008	10:24:08	1	-0.0081	
65	A8B79406	04 Oct 2008	10:25:02	1	-0.0081	
66	A8B79407	04 Oct 2008	10:25:56	1	-0.0081	
67	A8B79408	04 Oct 2008	10:26:49	1	-0.0081	
68	A8B79501	04 Oct 2008	10:27:42	1	0.0146	
69	A8B79502	04 Oct 2008	10:28:35	1	-0.0081	
70	A8B79503	04 Oct 2008	10:29:28	1	-0.0081	
71	A8B79504	04 Oct 2008	10:30:21	1	-0.0081	
72	A8B79505	04 Oct 2008	10:31:15	1	-0.0081	
73	lcs#61@0.25	04 Oct 2008	10:32:07	1	0.2559	102.4%
74	mblk#62	04 Oct 2008	10:32:59	1	-0.0081	<0.01
75	A8B79506	04 Oct 2008	10:33:51	1	-0.0081	
76	A8B79507	04 Oct 2008	10:34:45	1	-0.0081	
77	A8B96601	04 Oct 2008	10:35:39	1	-0.0081	
78	A8B96901	04 Oct 2008	10:36:34	1	-0.0081	
79	A8B97001	04 Oct 2008	10:37:28	1	-0.0081	
80	A8B83210	04 Oct 2008	10:38:22	1	0.0015	
82	A8C02901	04 Oct 2008	10:39:16	1	-0.0081	
83	A8C13501 JM 10/4/08	04 Oct 2008	10:40:09	1	0.0062	RPD=ND
84	A8C13501MD	04 Oct 2008	10:41:02	1	-0.0081	
85	lcs#61@0.25	04 Oct 2008	10:41:56	1	0.2491	99.6%
86	mblk#62	04 Oct 2008	10:42:49	1	0.0061	<0.01
87	A8C13502	04 Oct 2008	10:43:42	1	-0.0081	
88	A8C13502MS	04 Oct 2008	10:44:35	1	0.0962	96.2% @ 0.1ppm
89	lcs P146-502** 1:1	04 Oct 2008	10:45:28	1	0.4531	91.5% @ 0.495
97	lcs#61@0.25	04 Oct 2008	10:47:27	1	0.2670	106.8%
98	mblk#62	04 Oct 2008	10:48:20	1	-0.0081	<0.01

Method - Ch. 1 (CYANIDE)

METHOD DESCRIPTION:
Created: Jul 27, 2006 9:36:25
Modified: Oct 3, 2008 8:03:57

ANALYTE DATA:
Analyte Name: CYANIDE
Concentration Units: mg/L
OPERATOR: Lachat1Direct
ACQ. TIME: Oct 4, 2008 9:28:25
DATA FILENAME: C:\OMNION\DATA\CN10048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET
TRAY FILENAME: H:\LACHAT\LACHAT1\CN10048A.TRA

TRAY DESCRIPTION:
Created: Oct 4, 2008 9:04:41
Modified: Oct 4, 2008 9:45:35

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 26

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
1	lcs#1@0.4	04 Oct 2008	09:28:28	1	13669824.0000
2	mblk#2	04 Oct 2008	09:29:21	1	0.0000
3	lcs P146-502 1:2	04 Oct 2008	09:30:14	1	6123072.0000
4	lcs D057-541 1:5	04 Oct 2008	09:31:08	1	4795828.0000
5	A8B83008/FREE	04 Oct 2008	09:32:01	1	621978.0000
6	A8B83015/FREE	04 Oct 2008	09:32:54	1	0.0000
7	A8B74002	04 Oct 2008	09:33:47	1	0.0000
8	A8B65416	04 Oct 2008	09:34:40	1	0.0000
9	A8B65417	04 Oct 2008	09:35:32	1	0.0000
10	A8B65418	04 Oct 2008	09:36:24	1	0.0000
11	A8B79905	04 Oct 2008	09:37:17	1	0.0000
12	A8B80001	04 Oct 2008	09:38:09	1	0.0000
13	lcs#1@0.4	04 Oct 2008	09:39:01	1	13665191.0000
14	mblk#2	04 Oct 2008	09:39:53	1	0.0000
15	A8B80002	04 Oct 2008	09:40:45	1	0.0000
16	A8C04907	04 Oct 2008	09:41:39	1	0.0000
17	A8B65901	04 Oct 2008	09:42:34	1	0.0000
18	A8B65902	04 Oct 2008	09:43:27	1	0.0000
19	A8B65903	04 Oct 2008	09:44:20	1	0.0000
20	A8B65903MD	04 Oct 2008	09:45:13	1	0.0000
21	A8B65904	04 Oct 2008	09:46:06	1	0.0000
22	A8B65904MS	04 Oct 2008	09:46:59	1	2905459.0000
23	A8C15101	04 Oct 2008	09:47:53	1	0.0000
24	A8B65905	04 Oct 2008	09:48:46	1	0.0000
25	lcs#21@0.25	04 Oct 2008	09:49:38	1	8777754.0000
26	mblk#22	04 Oct 2008	09:50:30	1	0.0000

OPERATOR: Lachat1
ACQ. TIME: Oct 4, 2008 9:28:25
DATA FILENAME: C:\OMNION\DATA\CN10048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 27 to 60

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)	Auto Dil Factor
27	A8B65906	04 Oct 2008	09:51:22	1	0.0000	1.00
28	A8B65907	04 Oct 2008	09:52:14	1	0.0000	1.00
29	A8B65908	04 Oct 2008	09:53:06	1	0.0000	1.00
30	A8B66001	04 Oct 2008	09:53:59	1	0.0000	1.00
31	A8B66201	04 Oct 2008	09:54:53	1	0.0000	1.00
32	A8B66202	04 Oct 2008	09:55:47	1	0.0000	1.00
33	A8B72505	04 Oct 2008	09:56:40	1	0.0000	1.00
34	A8B72506	04 Oct 2008	09:57:33	1	0.0000	1.00
35	A8B72701	04 Oct 2008	09:58:27	1	0.0000	1.00
36	A8B72702	04 Oct 2008	09:59:20	1	0.0000	1.00
37	lcs#21@0.25	04 Oct 2008	10:00:13	1	8847872.0000	1.00
38	mblk#22	04 Oct 2008	10:01:06	1	0.0000	1.00
39	A8B74601	04 Oct 2008	10:01:59	1	0.0000	1.00
40	A8B74602	04 Oct 2008	10:02:52	1	425293.0000	1.00
41	A8B87501	04 Oct 2008	10:03:44	1	0.0000	1.00
42	A8B87502	04 Oct 2008	10:04:37	1	0.0000	1.00
43	A8B87502MD	04 Oct 2008	10:05:29	1	0.0000	1.00
44	A8B87502MS	04 Oct 2008	10:06:21	1	3664871.0000	1.00
45	A8B87601	04 Oct 2008	10:07:13	1	0.0000	1.00
46	A8B87602	04 Oct 2008	10:08:07	1	0.0000	1.00
47	A8B87603	04 Oct 2008	10:09:02	1	0.0000	1.00
48	A8B87604	04 Oct 2008	10:09:56	1	0.0000	1.00
49	lcs#41@0.25	04 Oct 2008	10:10:50	1	8372378.0000	1.00
50	mblk#42	04 Oct 2008	10:11:44	1	0.0000	1.00
51	A8B87701	04 Oct 2008	10:12:37	1	0.0000	1.00
52	A8B87701MD	04 Oct 2008	10:13:30	1	0.0000	1.00
53	A8B87701MS	04 Oct 2008	10:14:23	1	3612659.0000	1.00
54	A8C02801	04 Oct 2008	10:15:16	1	8035533.0000	1.00
55	A8C03001	04 Oct 2008	10:16:10	1	0.0000	1.00
56	A8C03501	04 Oct 2008	10:17:03	1	908595.0000	1.00
57	A8C03502	04 Oct 2008	10:17:55	1	0.0000	1.00
58	A8C03503	04 Oct 2008	10:18:47	1	0.0000	1.00
59	A8B79402	04 Oct 2008	10:19:39	1	0.0000	1.00
60	A8B79403	04 Oct 2008	10:20:31	1	0.0000	1.00

OPERATOR: Lachat1
ACQ. TIME: Oct 4, 2008 9:28:25
DATA FILENAME: C:\OMNION\DATA\CN10048A.FDT
METHOD FILENAME: H:\LACHAT\LACHAT1\CYANIDE.MET

Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 61 to 98

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CYANIDE (uv-s)
61	lcs#41@0.25	04 Oct 2008	10:21:26	1	8514663.0000
62	mblk#42	04 Oct 2008	10:22:20	1	0.0000
63	A8B79404	04 Oct 2008	10:23:14	1	0.0000
64	A8B79405	04 Oct 2008	10:24:08	1	0.0000
65	A8B79406	04 Oct 2008	10:25:02	1	0.0000
66	A8B79407	04 Oct 2008	10:25:56	1	0.0000
67	A8B79408	04 Oct 2008	10:26:49	1	0.0000
68	A8B79501	04 Oct 2008	10:27:42	1	754304.0000
69	A8B79502	04 Oct 2008	10:28:35	1	0.0000
70	A8B79503	04 Oct 2008	10:29:28	1	0.0000
71	A8B79504	04 Oct 2008	10:30:21	1	0.0000
72	A8B79505	04 Oct 2008	10:31:15	1	0.0000
73	lcs#61@0.25	04 Oct 2008	10:32:07	1	8755930.0000
74	mblk#62	04 Oct 2008	10:32:59	1	0.0000
75	A8B79506	04 Oct 2008	10:33:51	1	0.0000
76	A8B79507	04 Oct 2008	10:34:45	1	0.0000
77	A8B96601	04 Oct 2008	10:35:39	1	0.0000
78	A8B96901	04 Oct 2008	10:36:34	1	0.0000
79	A8B97001	04 Oct 2008	10:37:28	1	0.0000
80	A8B83210	04 Oct 2008	10:38:22	1	318477.0000
82	A8C02901	04 Oct 2008	10:39:16	1	0.0000
83	A8C13501	04 Oct 2008	10:40:09	1	474400.0000
84	A8C13501MD	04 Oct 2008	10:41:02	1	0.0000
85	lcs#61@0.25	04 Oct 2008	10:41:56	1	8529370.0000
86	mblk#62	04 Oct 2008	10:42:49	1	470618.0000
87	A8C13502	04 Oct 2008	10:43:42	1	0.0000
88	A8C13502MS	04 Oct 2008	10:44:35	1	3459072.0000
89	lcs P146-502** 1:1	04 Oct 2008	10:45:28	1	15296807.0000
97	lcs#61@0.25	04 Oct 2008	10:47:27	1	9125005.0000
98	mblk#62	04 Oct 2008	10:48:20	1	0.0000

0

AFB23495

'82521

TestAmerica BUFFALO
Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/3/08	JM	LCS	0.4ppm	1	50		400ul	✓	
		MBLK	Blank	2					
		LCS	P146-502	3			250ul	✓	
		DCS	D057-541	4		0.5351			
		B830	08	5					Free
		B830	15	6					Free
		B740	02	7					
		B654	16	8		0.5752			
		↓	17	9		0.5484			
		↓	18	10		0.5248			
		B799	05	11					
		B800	01	12					
		B800	02	13					
		C049	07	14					
		B659	01	15					
		↓	02	16					
		↓	03	17					
		↓	03MD	18					
		↓	04	19					
↓	↓	↓	OMS	20	↓		100ul	✓	

Start Time 10:15 End Time 11:45 H_2S _____ Cl_2 _____

Magnesium Chloride: D-11-H

Sulmafic Acid: 12-27-D

0.25N NaOH: NA

Acetate Buffer: _____

Other: 12-28-C, 12-31-D

Cyanide Total Standard: _____

Cyanide Intermediate Standard 12-28-D

Cyanide Free Standard: _____

Zinc Acetate: 12-31-E

ERA Water Lot# CHC-8-D

ERA Soil Lot# CHC-20-B

Block Temp Check:

Block# 1 Temp °C 108 Cell# 1

Block# 4 Temp °C 110 Cell# 1

Reviewed By _____ Date _____

63/200

3784/3787

TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/3/08	JM	LCS	0.25ppm	21	50		250ul	✓	
		MBLK	Blank	22					
		C151	01	23					
		B1059	05	24					
			06	25					
			07	26					
			08	27					
		B1d00	01	28					
		B1662	01	29					
			02	30					
		B725	05	31					
			06	32					
		B727	~~07~~ 01	33					
			02	34					
		B746	01	35					
			02	36					
		B875	01	37					
			02	38					
			02MD	39					
			02MS	40			100ul	✓	

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard:_____ ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard:_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____Cell#_____

Other:_____ Reviewed By_____ Date_____

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TestAmerica BUFFALO

Cyanide Distillation Logbook

Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/3/08	TL	LCS	0.25 PPM	41	50		250ul	✓	
		MBLK	BLANK	42					
		B876	01	43					
			02	44					
			03	45					
			04	46					
		B877	01	47					
			01MD	48					
			01MS	49			100ul	✓	
		C028	01	50					
		C030	01	51					
		C035	01	52					
			02	53					
			03	54					
		B794	02	55					
			03	56					
			04	57					
			05	58					
			06	59					
			07	60					

Start Time_____ End Time_____ H_2S_____ Cl_2_____

Magnesium Chloride:_____

Sulmafic Acid:_____

0.25N NaOH:_____

Acetate Buffer:_____

Other:_____

Cyanide Total Standard: SEE PG 63

Cyanide Intermediate Standard_____

Cyanide Free Standard:_____

Zinc Acetate:_____

ERA Water Lot#_____

ERA Soil Lot#_____

Block Temp Check:

Block#_____Temp °C_____Cell#_____

Block#_____Temp °C_____Cell#_____

Reviewed By_____ Date_____

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TestAmerica BUFFALO

Cyanide Distillation Logbook Logbook# A08-05-10

Distillation Date	Analyst	Job #	Sample I.D.	Dist. Flask #	Sample Volume (ml)	Soil Weight (g)	Spike Amount	If Spiked Please ✓	Comments
10/3/08	TL	LCS	0.25PPM	61	50		250ul		
		MBLK	BLANK	62					
		B794	08	63					
		B795	01	64		0.5409			
			02	65		0.6073			
			03	66		0.6158			
			04	67		0.6366			
			05	68		0.5788			
			06	69		0.6706			
			07	70		0.5127			
		B966	01	71					
		B969	01	72					
		B970	01	73					
		B832	10	74					
			12	75					No bottle
		~~B861~~	C029 01	76					C029-19 Lot
			02 C132 01	77					~~C135-01~~ C132-01
			03 01MD	78					~~C135-01 MD~~ C132-02 MD
		10/3/08	C135 03MD	79					C135-02
			02MS 03MS	80			100ul	✓	C135-02 MS

Start Time_____ End Time_____ H_2S_____ Cl_2_____ ERA Water Lot#_____

Magnesium Chloride:_____ Cyanide Total Standard: SEE PG 63 ERA Soil Lot#_____

Sulmafic Acid:_____ Cyanide Intermediate Standard_____ Block Temp Check:

0.25N NaOH:_____ Cyanide Free Standard:_____ Block#_____Temp °C_____Cell#_____

Acetate Buffer:_____ Zinc Acetate:_____ Block#_____Temp °C_____Cell#_____

Other:_____ Reviewed By_____ Date_____

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